

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032020\
 Data File : BF119472.D
 Acq On : 20 Mar 2020 15:13
 Operator : CG/JU
 Sample : PB127713BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127713BS

Manual Integrations
 APPROVED

mohammad
 3/23/2020 9:40:43 AM

Quant Time: Mar 23 04:26:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	311649	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1220907	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	638706	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1191082	20.00	ng	0.00
76) Chrysene-d12	14.03	240	621142	20.00	ng	0.00
87) Perylene-d12	15.50	264	670481	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	2320816	118.55	ng	0.02
7) Phenol-d6	6.48	99	2954832	118.15	ng	0.00
23) Nitrobenzene-d5	7.42	82	1860546	82.82	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	826163	125.38	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3299049	76.52	ng	0.00
79) Terphenyl-d14	12.98	244	3481385	109.81	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.66	88	322087	33.311	ng	98
3) Pyridine	3.40	79	869252	32.633	ng	98
4) n-Nitrosodimethylamine	3.36	42	559371	43.062	ng	99
6) Aniline	6.52	93	1353023	39.201	ng	99
8) 2-Chlorophenol	6.64	128	1045952	50.869	ng	97
9) Benzaldehyde	6.40	77	659034	41.541	ng	99
10) Phenol	6.49	94	1286001m	48.193	ng	
11) bis(2-Chloroethyl)ether	6.59	93	989825	46.379	ng	95
12) 1,3-Dichlorobenzene	6.79	146	1037429	46.618	ng	98
13) 1,4-Dichlorobenzene	6.87	146	1040310	46.736	ng	99
14) 1,2-Dichlorobenzene	7.03	146	971526	46.695	ng	99
15) Benzyl Alcohol	6.99	79	916060	48.696	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1899457	44.124	ng	99
17) 2-Methylphenol	7.10	107	851084	45.177	ng	99
18) Hexachloroethane	7.37	117	396333	48.586	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	705699	46.816	ng	95
20) 3+4-Methylphenols	7.26	107	1010655	43.774	ng	# 88
22) Acetophenone	7.26	105	1319704	45.237	ng	# 90
24) Nitrobenzene	7.44	77	1080654	45.013	ng	96
25) Isophorone	7.68	82	2005911	44.018	ng	98
26) 2-Nitrophenol	7.75	139	546014	57.762	ng	97
27) 2,4-Dimethylphenol	7.79	122	961420	49.188	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	1249113	46.354	ng	99
29) 2,4-Dichlorophenol	7.99	162	841955	46.881	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	896323	45.128	ng	98
31) Naphthalene	8.16	128	2809016	44.709	ng	99
32) Benzoic acid	7.92	122	611442	48.631	ng	98
33) 4-Chloroaniline	8.20	127	860512	29.890	ng	100
34) Hexachlorobutadiene	8.28	225	501873	45.162	ng	97
35) Caprolactam	8.59	113	279475m	47.548	ng	
36) 4-Chloro-3-methylphenol	8.69	107	928232	47.289	ng	98
37) 2-Methylnaphthalene	8.86	142	1917030	46.491	ng	100
38) 1-Methylnaphthalene	8.96	142	1805613	46.263	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	813385	43.448	ng	99

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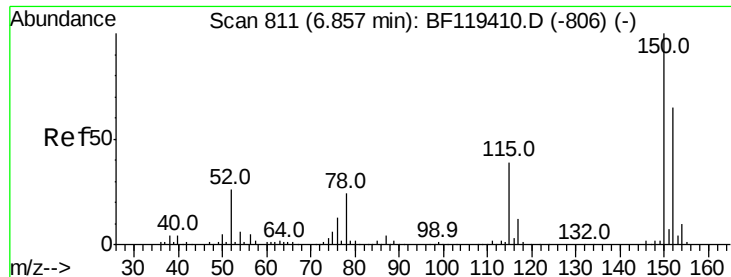
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	878930	82.582	nq	100
43) 2,4,6-Trichlorophenol	9.13	196	626387	46.755	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	655438	43.673	nq	97
46) 1,1'-Biphenyl	9.32	154	2237352	43.010	nq	99
47) 2-Chloronaphthalene	9.35	162	1784230	43.788	nq	99
48) 2-Nitroaniline	9.44	65	679573	48.318	nq	95
49) Acenaphthylene	9.76	152	2836251	44.325	nq	98
50) Dimethylphthalate	9.62	163	2113588	46.588	nq	98
51) 2,6-Dinitrotoluene	9.68	165	487266	50.108	nq	95
52) Acenaphthene	9.93	154	1869179	46.857	nq	100
53) 3-Nitroaniline	9.85	138	375376	30.576	nq	98
54) 2,4-Dinitrophenol	9.96	184	374447	88.173	nq	92
55) Dibenzofuran	10.11	168	2515388	43.980	nq	100
56) 4-Nitrophenol	10.01	139	888916	91.785	nq	89
57) 2,4-Dinitrotoluene	10.09	165	650033	53.064	nq	93
58) Fluorene	10.45	166	1888079	44.642	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	551179	49.133	nq	99
60) Diethylphthalate	10.33	149	2153244	46.763	nq	98
61) 4-Chlorophenyl-phenylether	10.44	204	924596	44.704	nq	98
62) 4-Nitroaniline	10.47	138	512783	43.558	nq	98
63) Azobenzene	10.60	77	2074740	44.745	nq	96
65) 4,6-Dinitro-2-methylphenol	10.49	198	273806	54.821	nq	83
66) n-Nitrosodiphenylamine	10.56	169	1795856	45.928	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	612119	45.125	nq	97
68) Hexachlorobenzene	11.00	284	640793	46.155	nq	98
69) Atrazine	11.09	200	552332	51.525	nq	99
70) Pentachlorophenol	11.19	266	708053	86.978	nq	98
71) Phenanthrene	11.42	178	2750644	44.537	nq	99
72) Anthracene	11.47	178	2825812	45.019	nq	100
73) Carbazole	11.62	167	2663225	42.865	nq	99
74) Di-n-butylphthalate	11.95	149	3298210	49.625	nq	98
75) Fluoranthene	12.60	202	2845755	42.576	nq	99
77) Benzidine	12.72	184	1906705	72.535	nq	99
78) Pyrene	12.83	202	2809038	55.105	nq	99
80) Butylbenzylphthalate	13.45	149	1340154	65.000	nq	96
81) Benzo(a)anthracene	14.02	228	1958563	48.489	nq	100
82) 3,3'-Dichlorobenzidine	13.98	252	705855	44.321	nq	98
83) Chrysene	14.06	228	1998854	47.950	nq	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	1656904	67.414	nq	100
85) Di-n-octyl phthalate	14.63	149	2685288	62.123	nq	98
86) Indeno(1,2,3-cd)pyrene	16.98	276	2413257	61.468	nq	98
88) Benzo(b)fluoranthene	15.07	252	1988449	44.397	nq	97
89) Benzo(k)fluoranthene	15.10	252	1857503	43.555	nq	99
90) Benzo(a)pyrene	15.44	252	1814041	44.568	nq	98
91) Dibenzo(a,h)anthracene	17.00	278	1946279	54.669	nq	99
92) Benzo(g,h,i)perylene	17.43	276	2082199	58.217	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

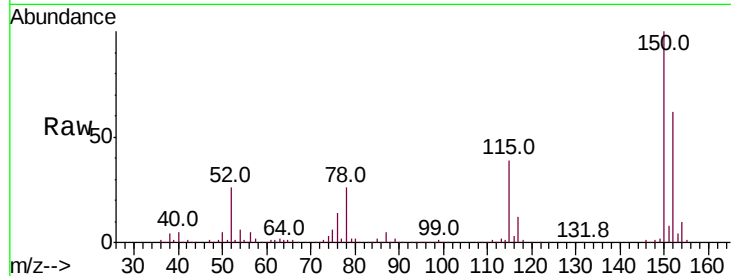
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Instrument :
BNA_F
ClientSampleId :
PB127713BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	123.9	185.9
115	62.6	47.8	71.6

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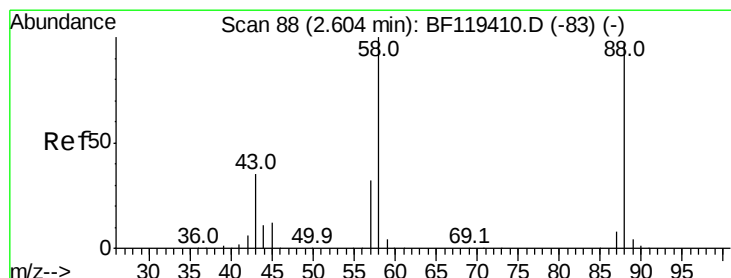
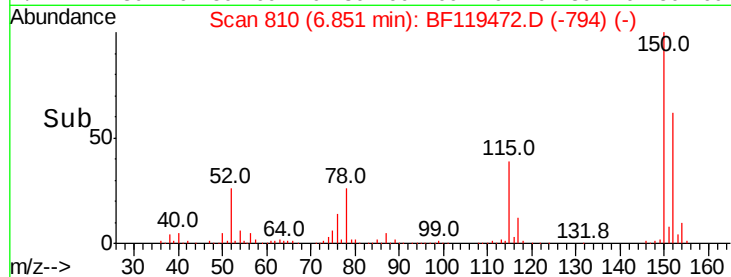
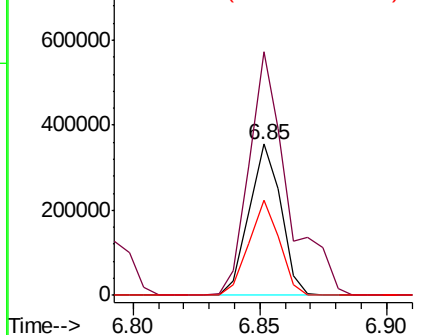


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

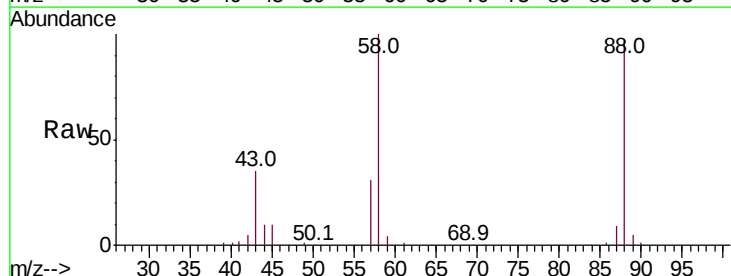
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.311 ng
RT: 2.66 min Scan# 97
Delta R.T. 0.05 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.6	79.4	119.2
43	35.4	28.4	42.6

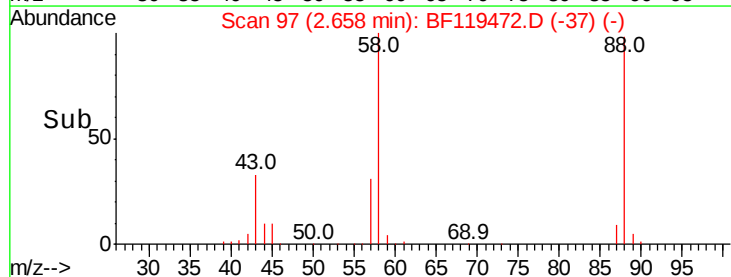
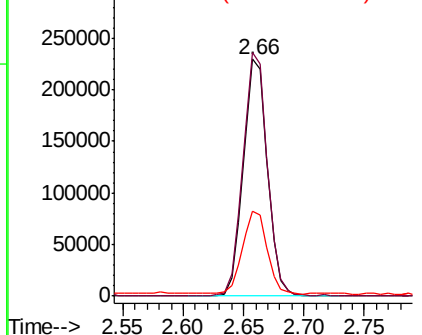


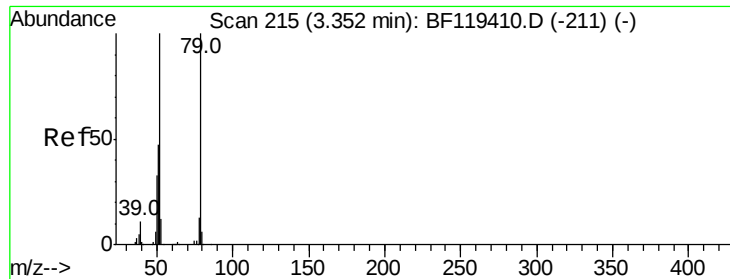
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 32.633 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.05 min

Lab File: BF119472.D

Acq: 20 Mar 2020 15:13

Instrument :

BNA_F

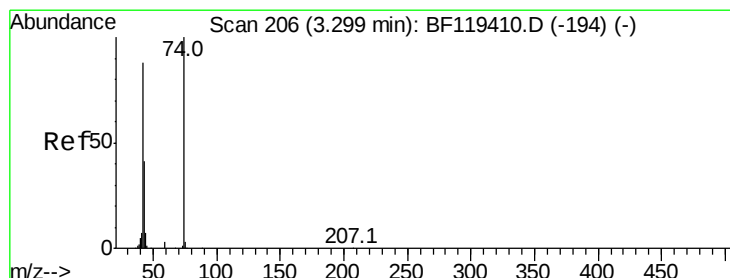
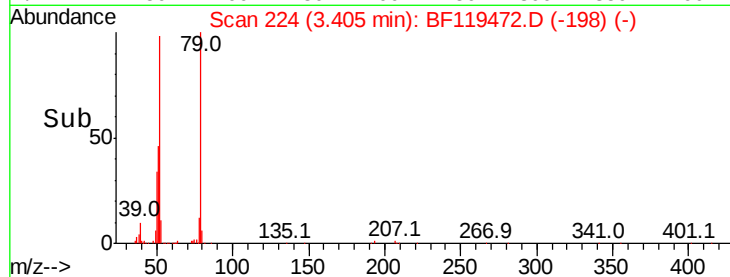
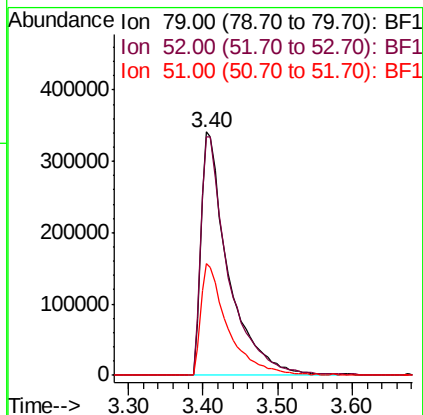
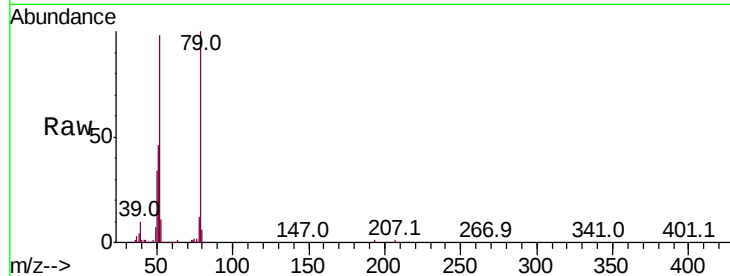
ClientSampleId :

PB127713BS

Tot Ion:	79	Resp:	869252
Ion Ratio	Lower	Upper	
79	100		
52	98.1	80.0	120.0
51	46.0	37.9	56.9

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#4

n-Nitrosodimethylamine

Concen: 43.062 ng

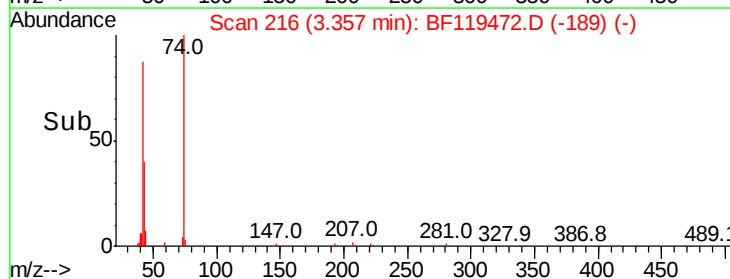
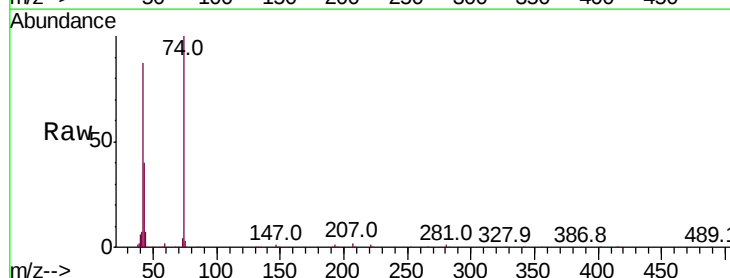
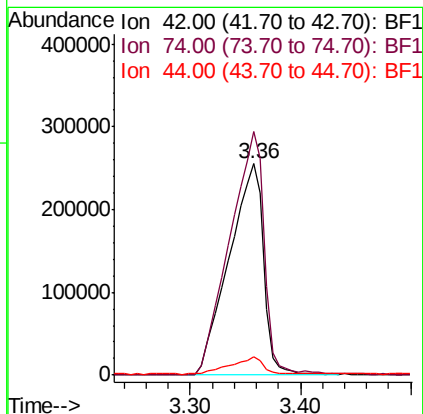
RT: 3.36 min Scan# 216

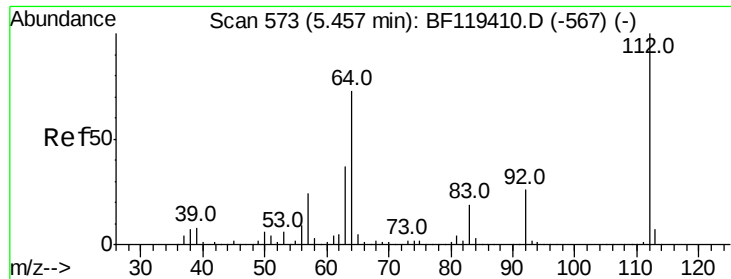
Delta R.T. 0.06 min

Lab File: BF119472.D

Acq: 20 Mar 2020 15:13

Tgt Ion:	42	Resp:	559371
Ion Ratio	Lower	Upper	
42	100		
74	115.2	91.3	136.9
44	8.4	7.1	10.7





#5

2-Fluorophenol

Concen: 118.547 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.02 min

Lab File: BF119472.D

Acq: 20 Mar 2020 15:13

Instrument :

BNA_F

ClientSampleId :

PB127713BS

Tot Ion:112 Resp: 2320816

Ion Ratio Lower Upper

112 100

64 67.1 58.1 87.1

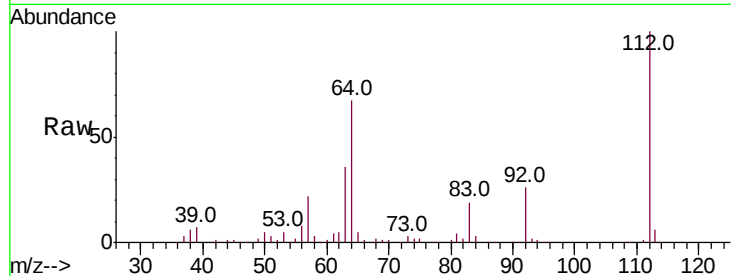
63 35.6 29.7 44.5

Manual Integrations

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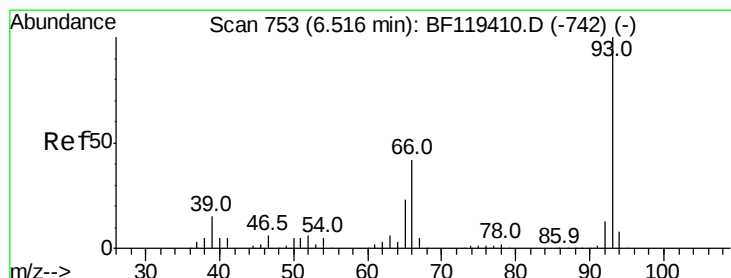
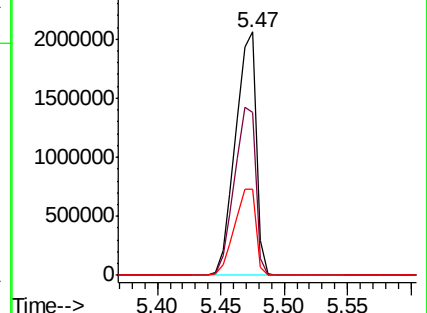
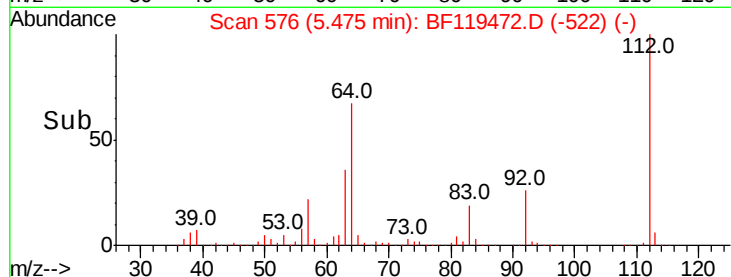
3/23/2020 9:40:43 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.201 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF119472.D

Acq: 20 Mar 2020 15:13

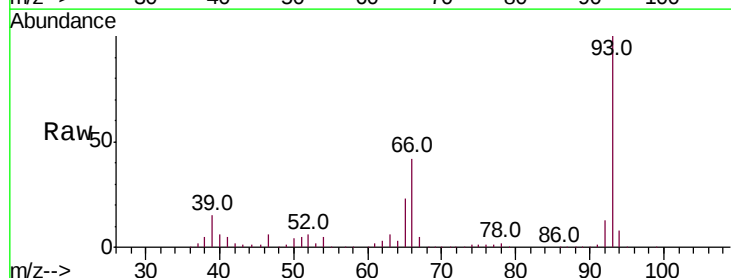
Tgt Ion: 93 Resp: 1353023

Ion Ratio Lower Upper

93 100

66 42.2 34.2 51.4

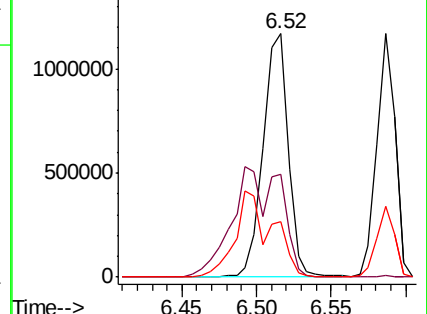
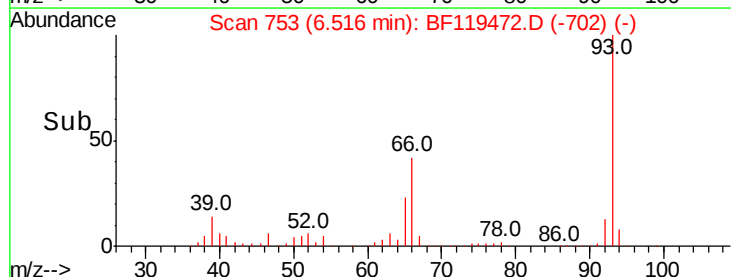
65 22.7 18.2 27.4

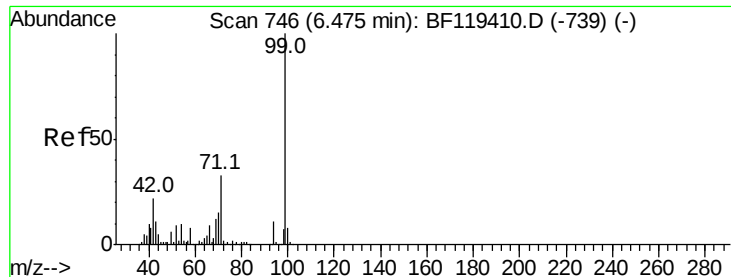


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.154 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF119472.D

Acq: 20 Mar 2020 15:13

Instrument :

BNA_F

ClientSampleId :

PB127713BS

Tot Ion: 99 Resp: 2954832

Ion Ratio Lower Upper

99 100

42 21.3 17.8 26.6

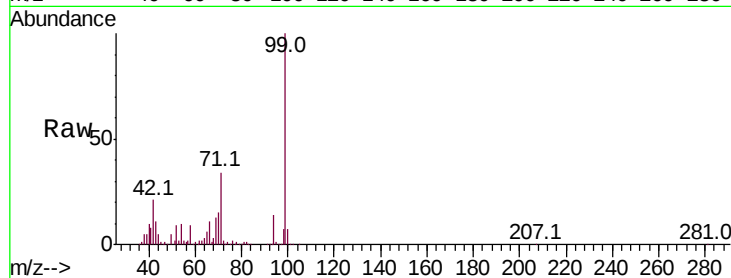
71 34.0 26.0 39.0

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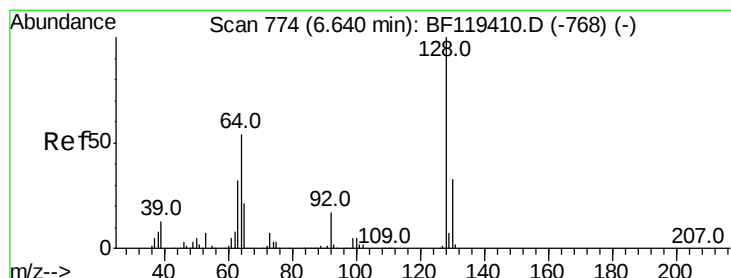
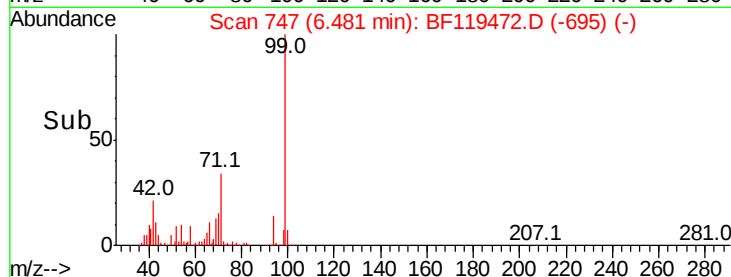
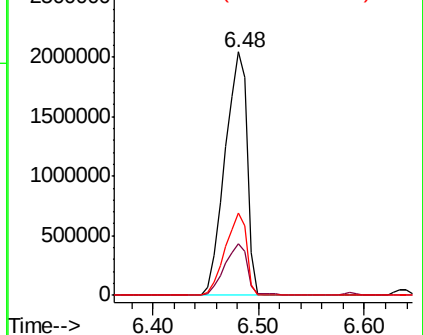
3/23/2020 9:40:43 AM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 50.869 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF119472.D

Acq: 20 Mar 2020 15:13

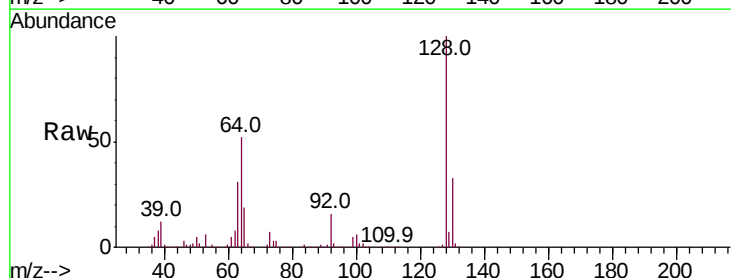
Tgt Ion:128 Resp: 1045952

Ion Ratio Lower Upper

128 100

130 33.3 13.0 53.0

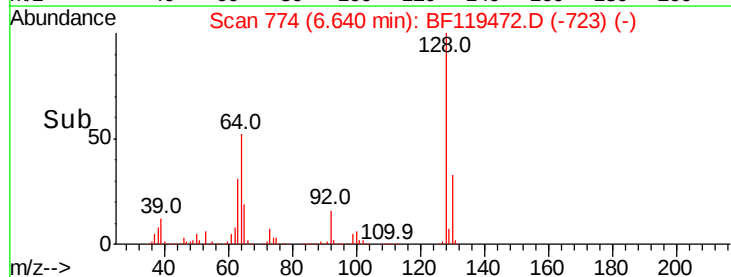
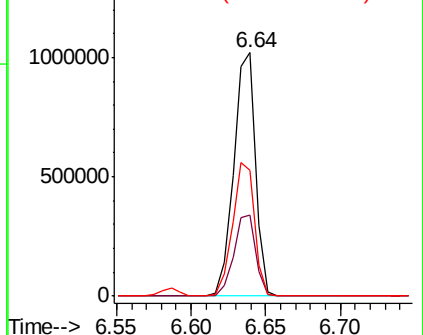
64 51.8 35.1 75.1

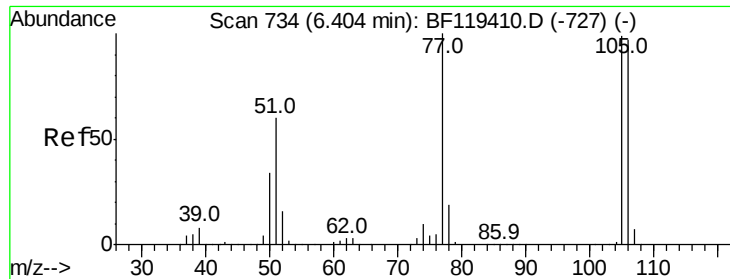


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





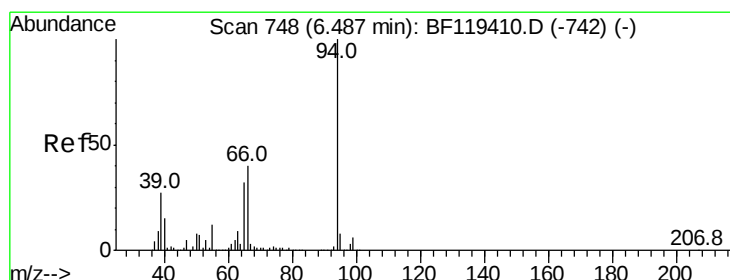
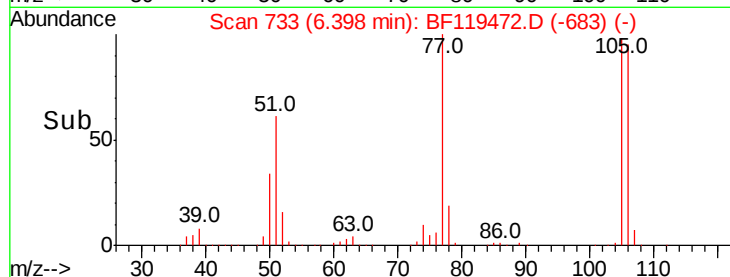
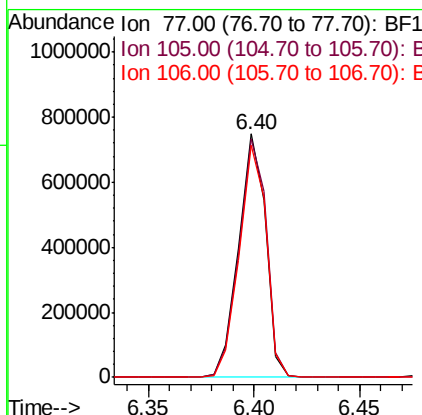
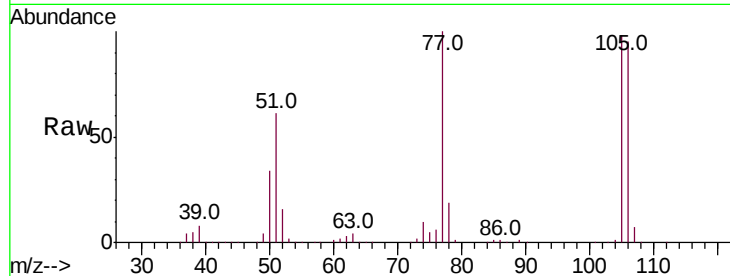
#9
Benzaldehyde
Concen: 41.541 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Instrument :
BNA_F
ClientSampleID :
PB127713BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	97.9	78.6	118.6
106	95.2	76.5	116.5

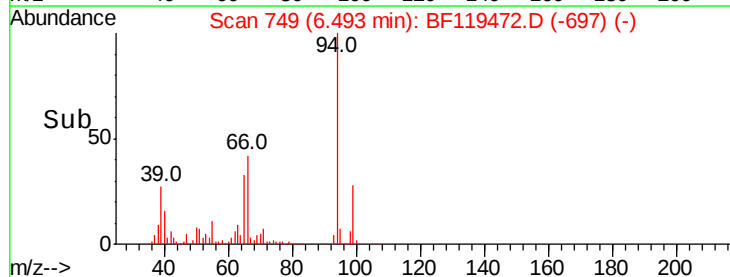
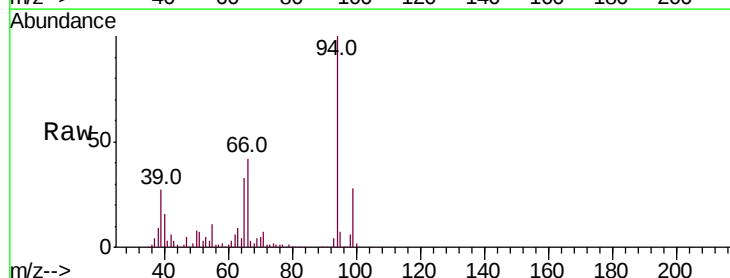
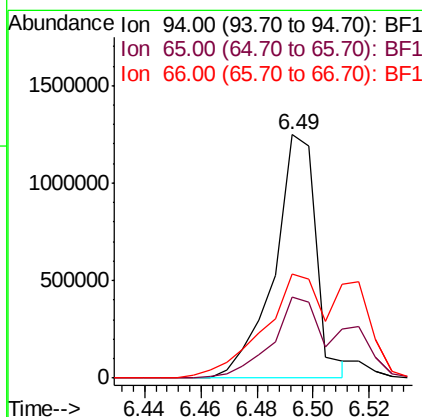
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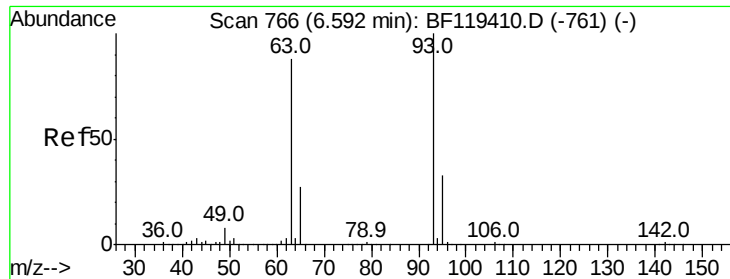
mohammad
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#10
Phenol
Concen: 48.193 ng m
RT: 6.49 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.3	12.0	52.0
66	42.5	20.6	60.6





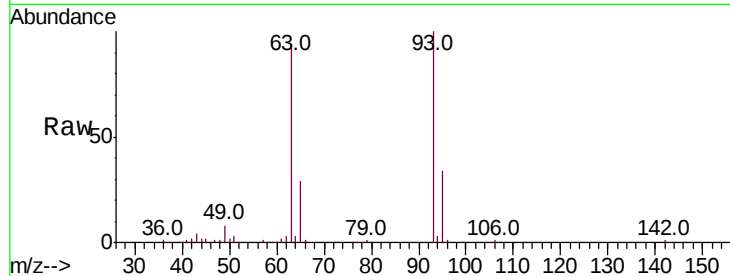
#11
bis(2-Chloroethyl)ether
Concen: 46.379 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Instrument :
BNA_F
ClientSampleId :
PB127713BS

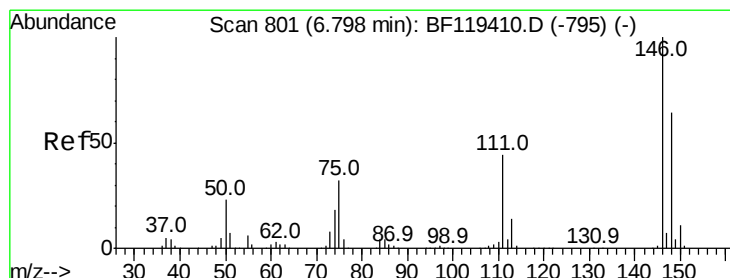
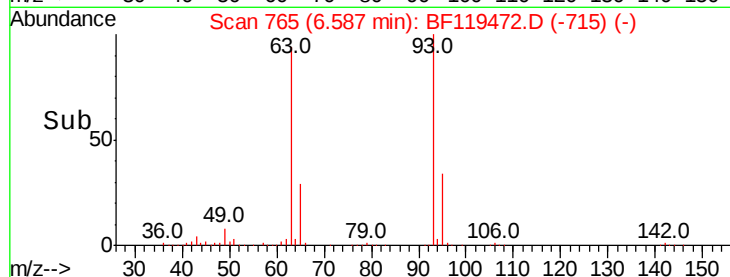
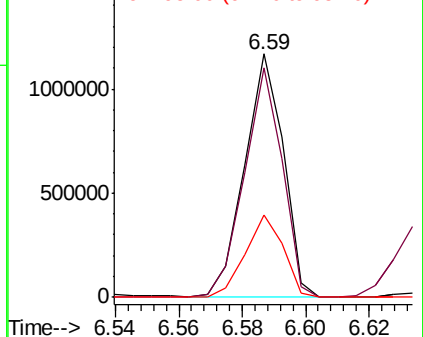
Tot Ion	Ratio	Lower	Upper
93	100		
63	94.2	68.4	108.4
95	33.9	13.4	53.4

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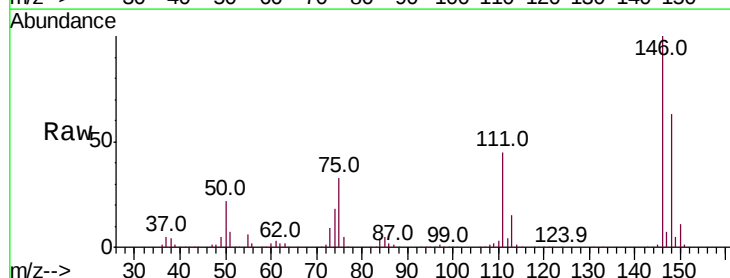


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

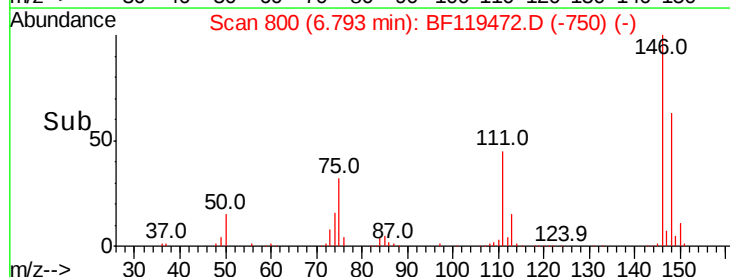
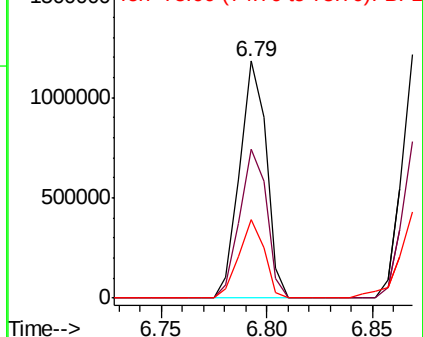


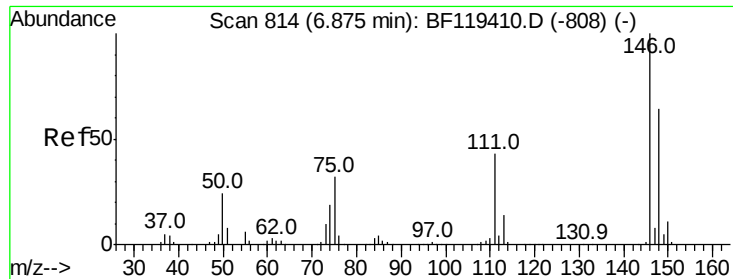
#12
1,3-Dichlorobenzene
Concen: 46.618 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.4	77.0
75	33.3	25.8	38.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 46.736 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF119472.D

Acq: 20 Mar 2020 15:13

Instrument :

BNA_F

ClientSampleId :

PB127713BS

Tot Ion:146 Resp: 1040310

Ion Ratio Lower Upper

146 100

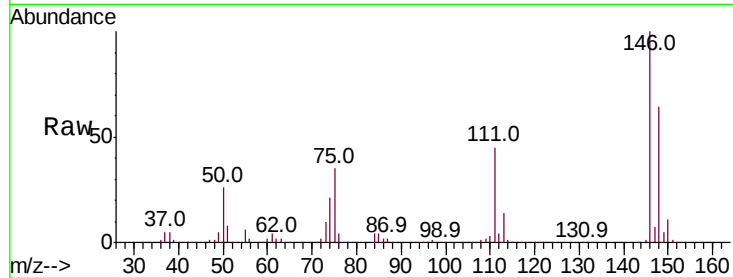
148 64.3 50.9 76.3

111 44.8 34.6 52.0

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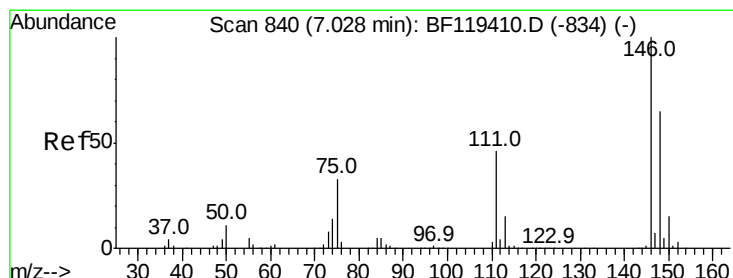
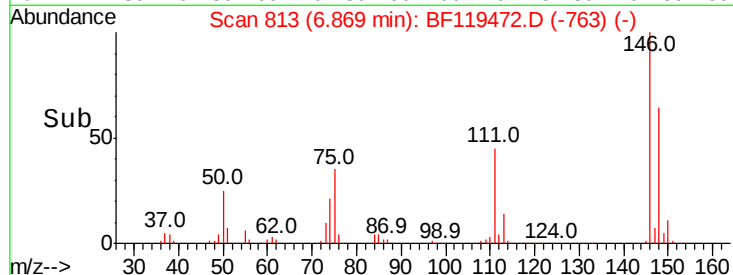
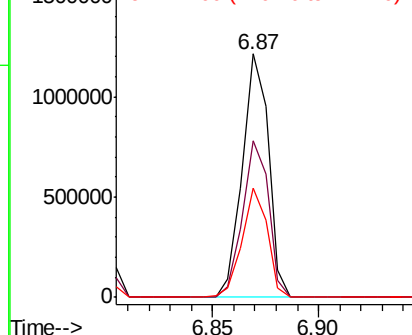


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 46.695 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF119472.D

Acq: 20 Mar 2020 15:13

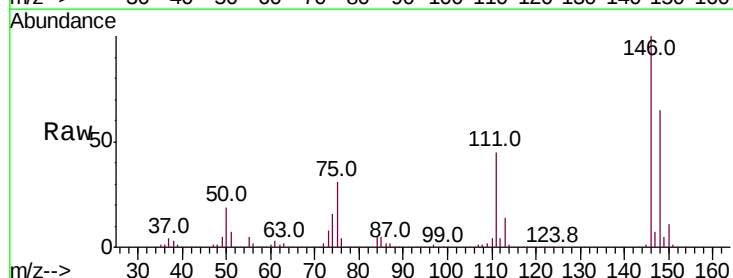
Tgt Ion:146 Resp: 971526

Ion Ratio Lower Upper

146 100

148 64.9 51.7 77.5

111 44.6 36.4 54.6

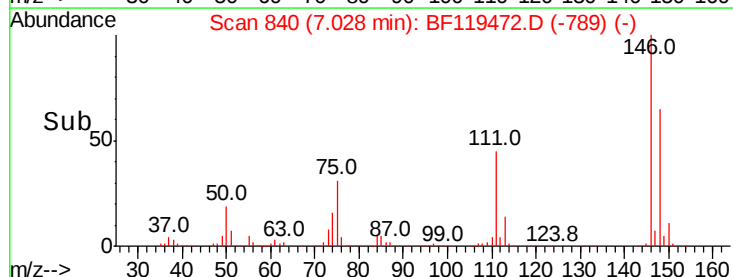
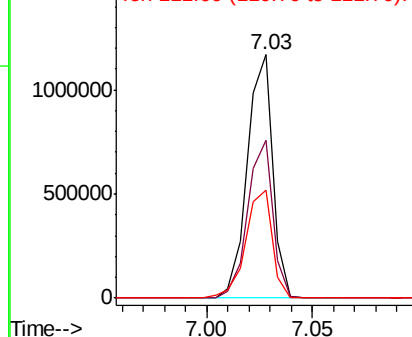


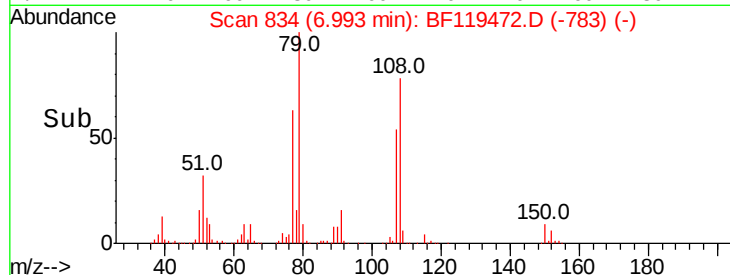
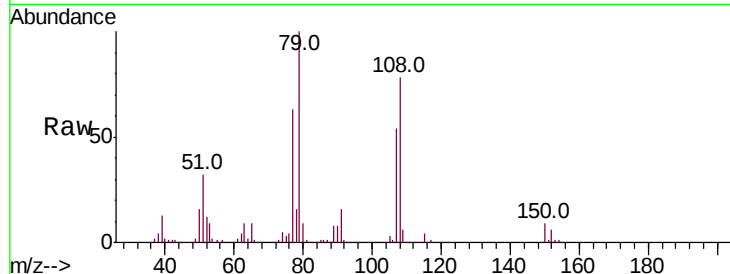
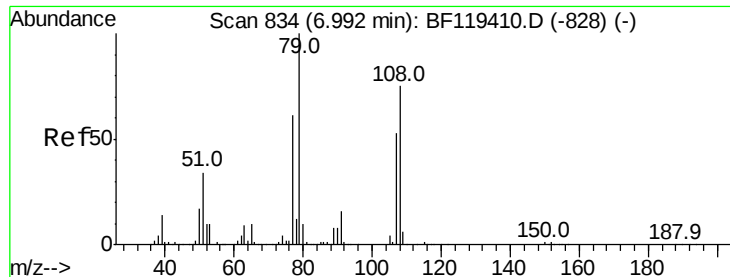
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





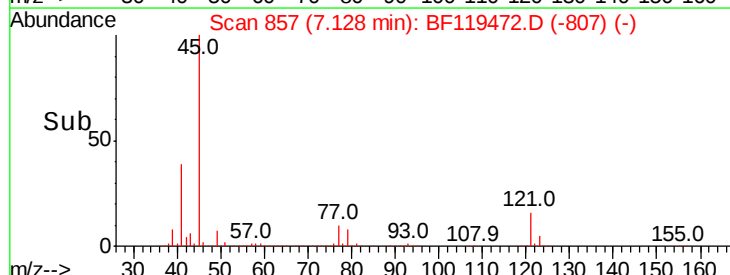
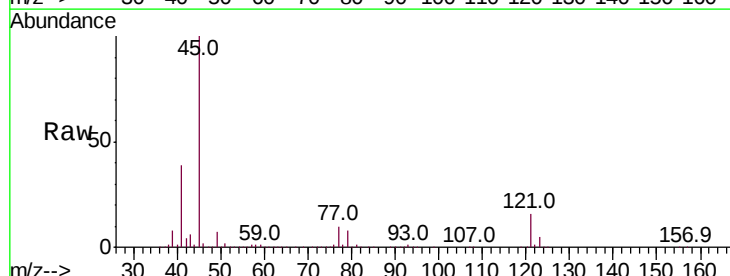
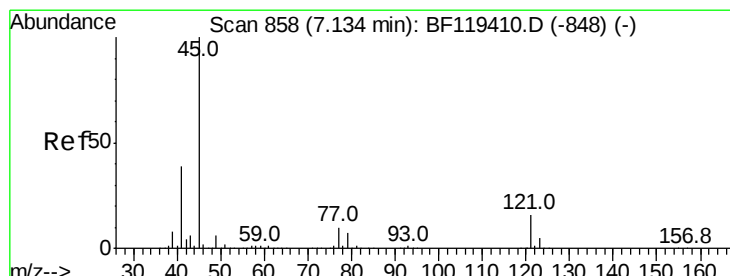
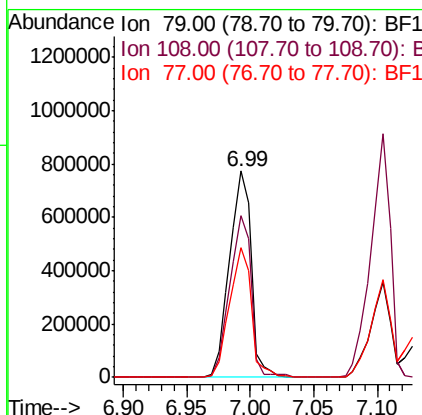
#15
Benzyl Alcohol
Concen: 48.696 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	78.5	60.4	90.6	
77	63.0	49.0	73.4	

Instrument :
BNA_F
ClientSampleId :
PB127713BS

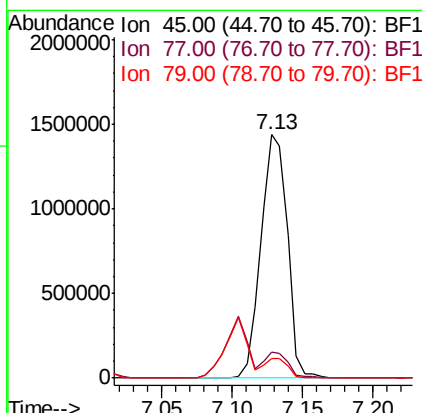
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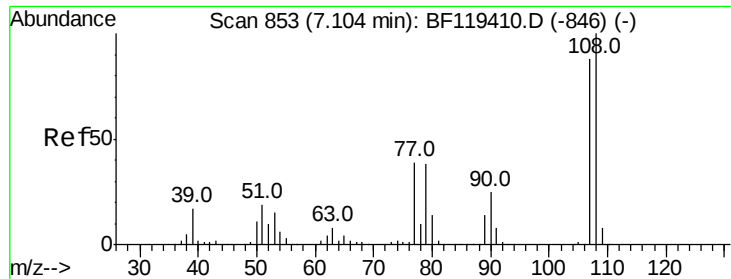
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.124 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	10.5	0.0	30.1	
79	8.0	0.0	27.4	





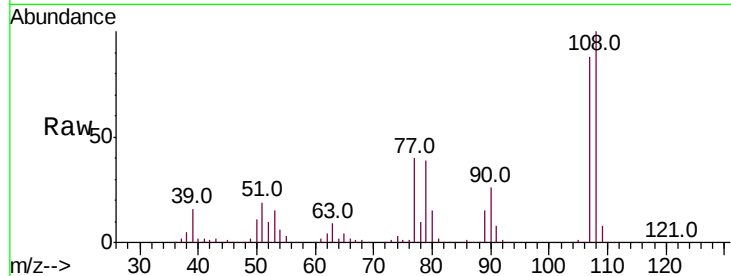
#17
2-Methylphenol
Concen: 45.177 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Instrument :
BNA_F
ClientSampleId :
PB127713BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	851084		
108	113.5	90.7	136.1	
77	45.4	35.6	53.4	
79	44.2	34.7	52.1	

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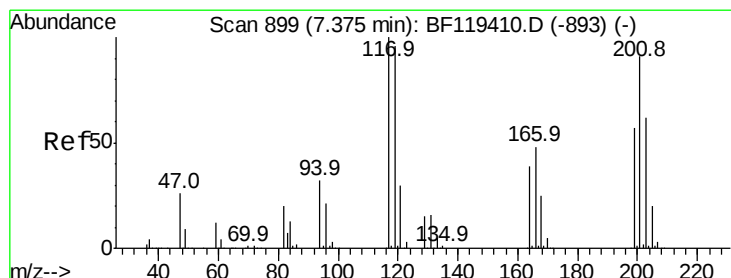
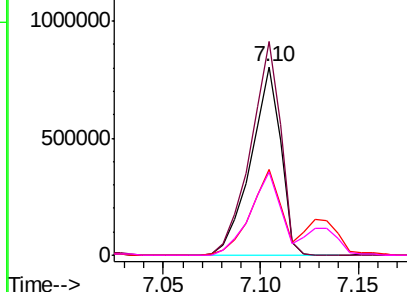
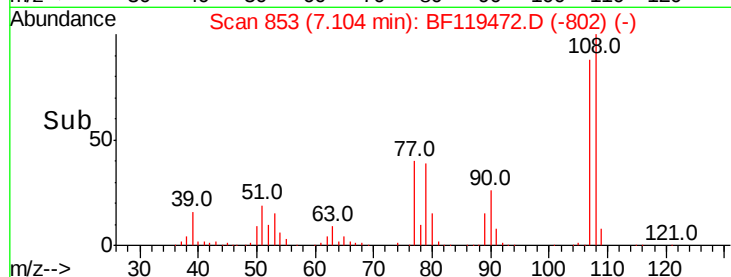
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

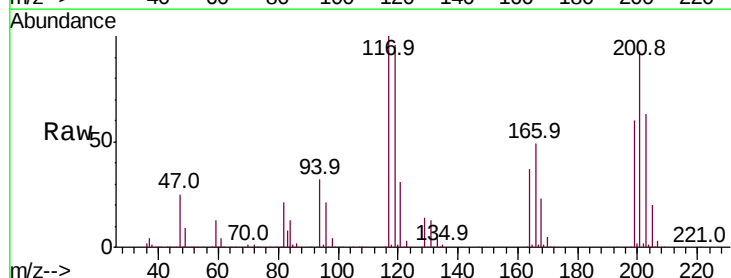
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 48.586 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	396333		
119	95.8	76.8	115.2	
201	93.1	72.5	108.7	

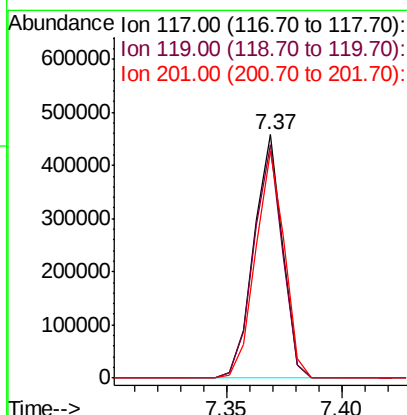
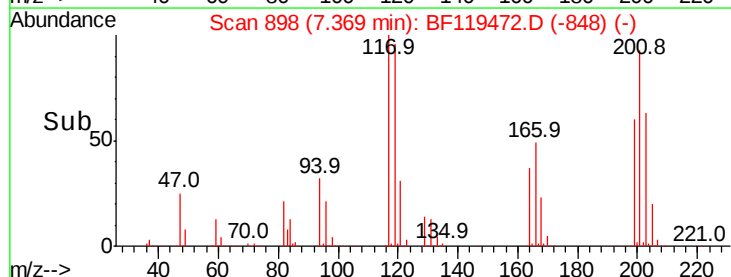


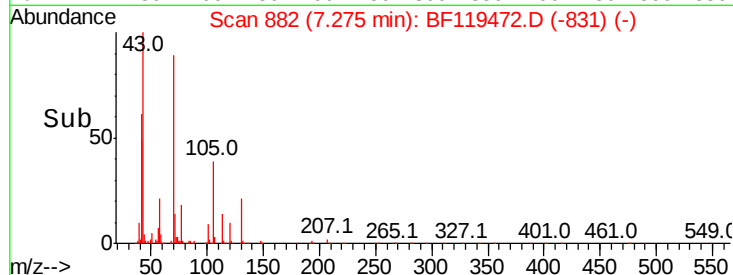
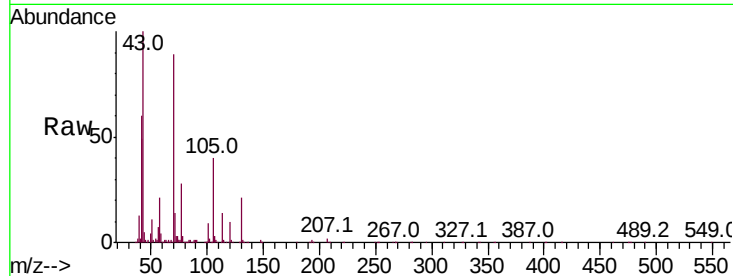
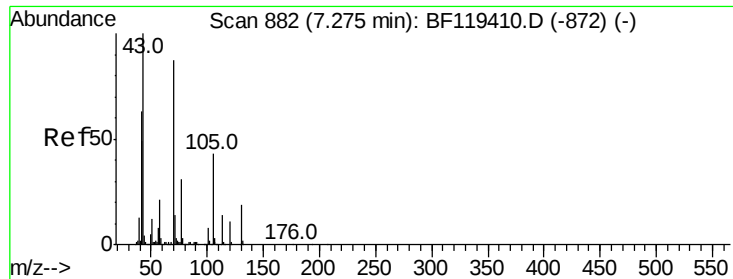
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 46.816 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF119472.D

Acq: 20 Mar 2020 15:13

Instrument :

BNA_F

ClientSampleId :

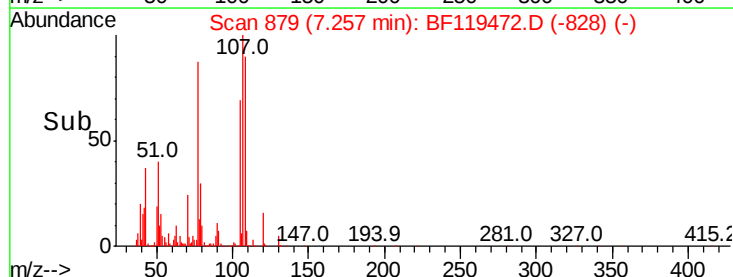
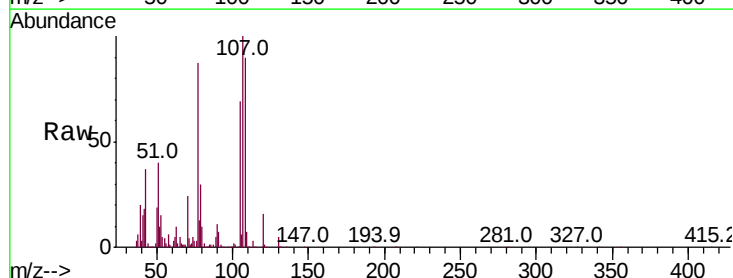
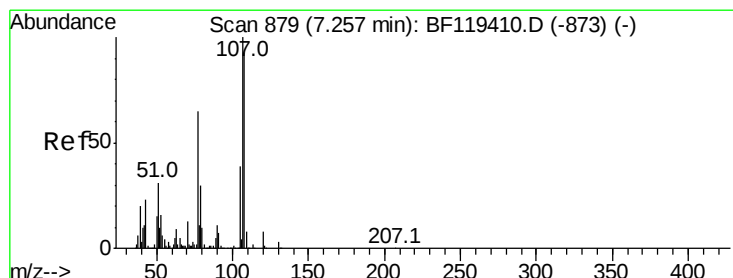
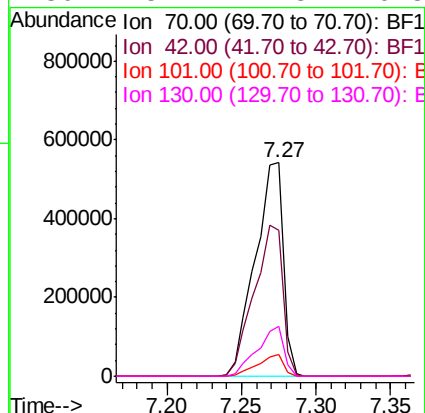
PB127713BS

Tot Ion: 70 Resp: 705699

Ion	Ratio	Lower	Upper
70	100		
42	68.2	58.2	87.4
101	10.4	7.4	11.2
130	23.7	17.8	26.8

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#20

3+4-Methylphenols

Concen: 43.774 ng

RT: 7.26 min Scan# 879

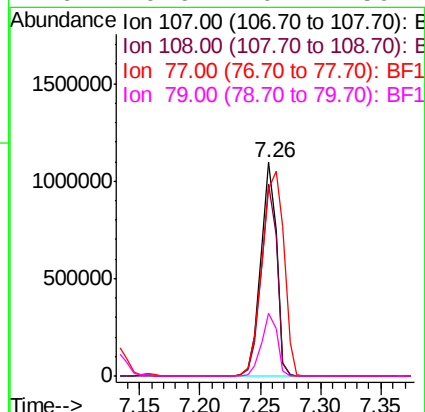
Delta R.T. 0.00 min

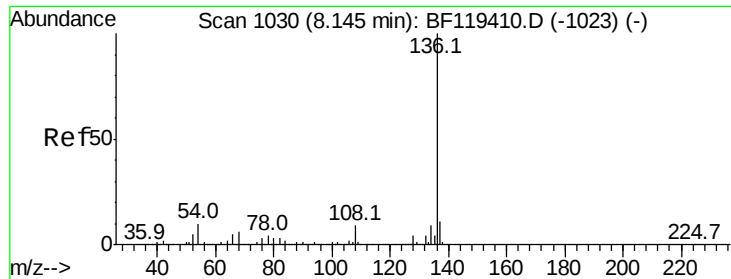
Lab File: BF119472.D

Acq: 20 Mar 2020 15:13

Tgt Ion: 107 Resp: 1010655

Ion	Ratio	Lower	Upper
107	100		
108	89.9	72.6	112.6
77	87.5	44.7	84.7#
79	29.6	10.2	50.2





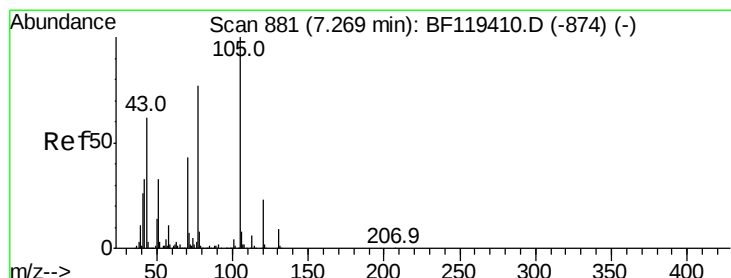
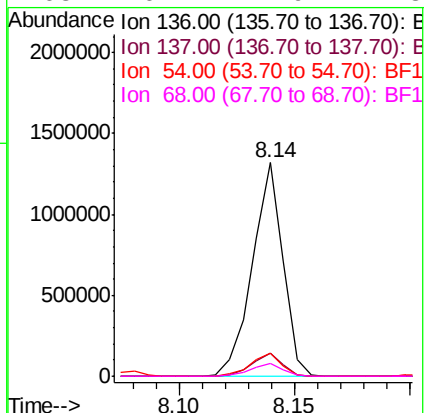
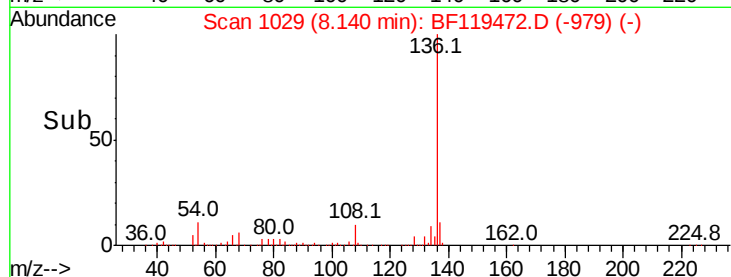
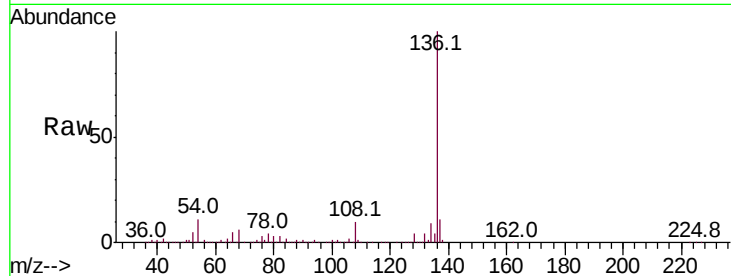
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Instrument :
BNA_F
ClientSampleId :
PB127713BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	1220907		
137	11.1		8.4	12.6
54	10.8		8.3	12.5
68	6.2		4.9	7.3

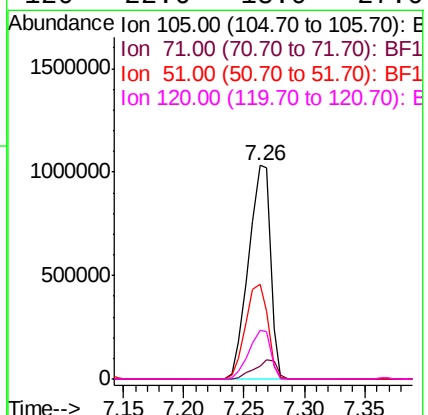
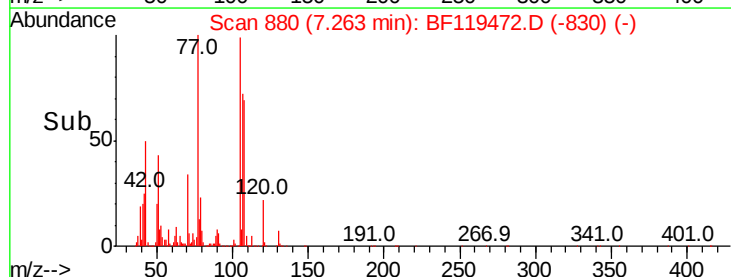
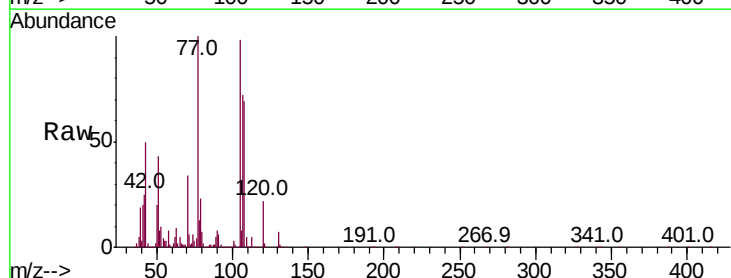
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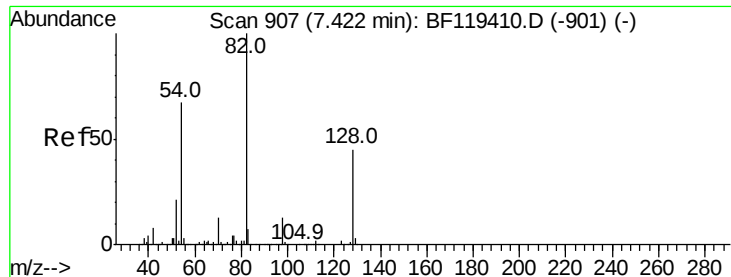
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#22
Acetophenone
Concen: 45.237 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1319704		
71	5.9		5.8	8.6
51	44.2		26.8	40.2#
120	22.6		18.0	27.0





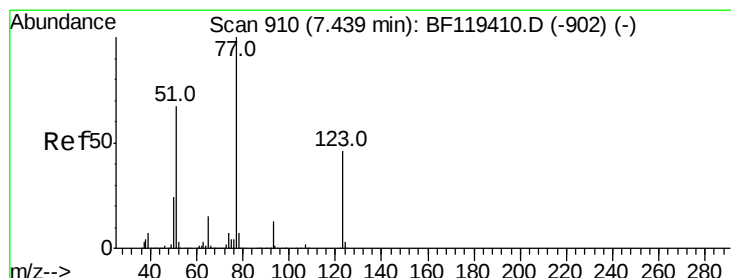
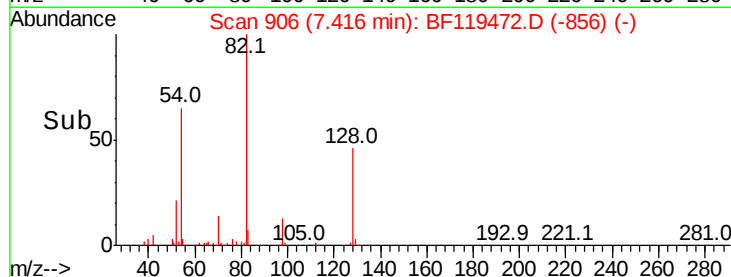
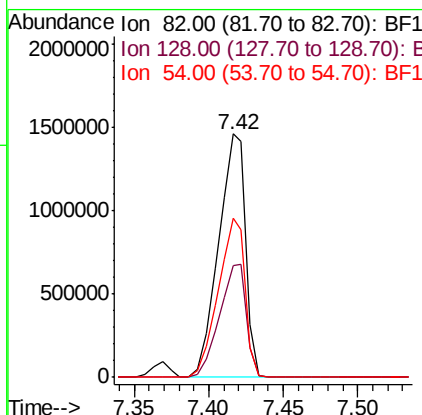
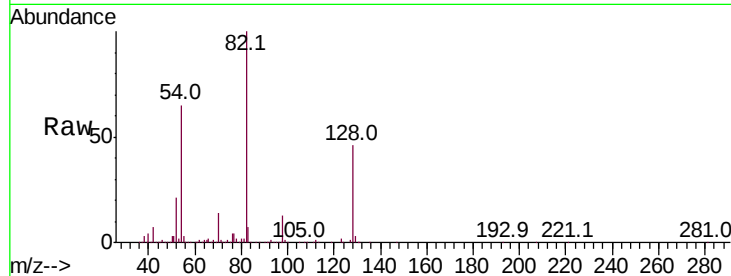
#23
 Nitrobenzene-d5
 Concen: 82.821 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF119472.D
 Acq: 20 Mar 2020 15:13

Instrument :
 BNA_F
 ClientSampleId :
 PB127713BS

Tot Ion: 82 Resp: 1860546
 Ion Ratio Lower Upper
 82 100
 128 45.7 35.8 53.8
 54 65.4 53.4 80.0

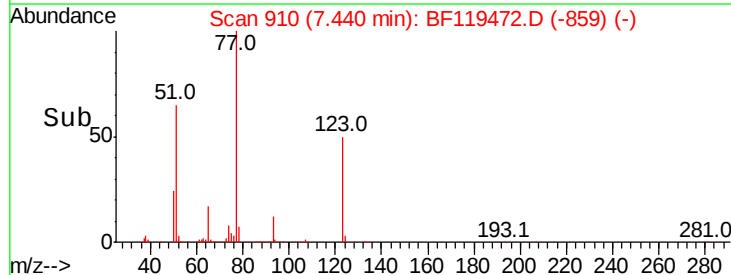
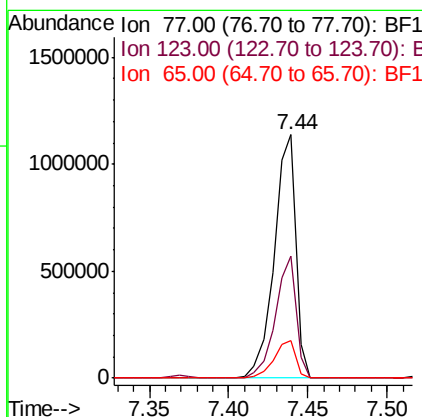
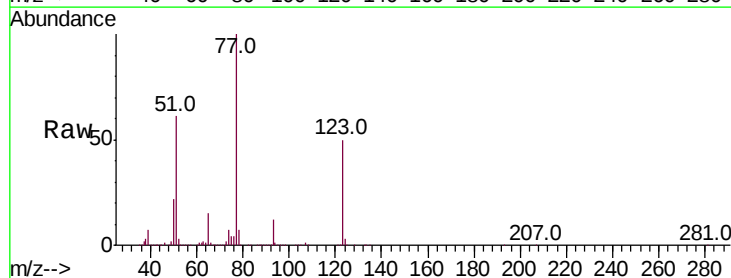
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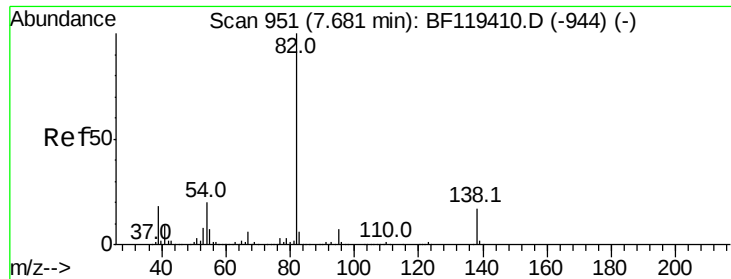
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#24
 Nitrobenzene
 Concen: 45.013 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF119472.D
 Acq: 20 Mar 2020 15:13

Tgt Ion: 77 Resp: 1080654
 Ion Ratio Lower Upper
 77 100
 123 49.9 36.9 55.3
 65 15.3 12.2 18.4





#25

Isophorone

Concen: 44.018 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF119472.D

Acq: 20 Mar 2020 15:13

Instrument :

BNA_F

ClientSampleId :

PB127713BS

Tot Ion: 82 Resp: 2005911

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

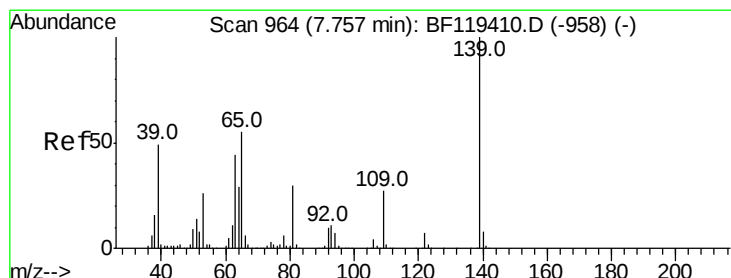
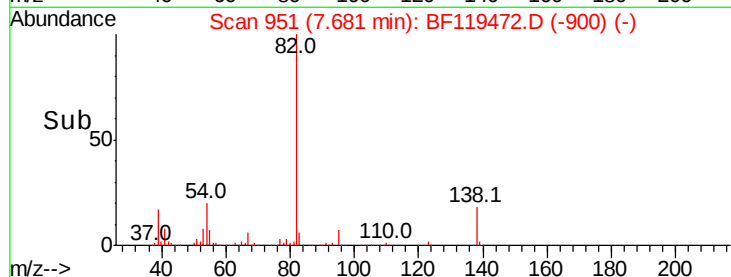
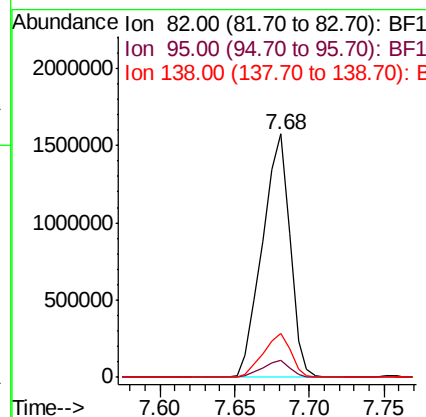
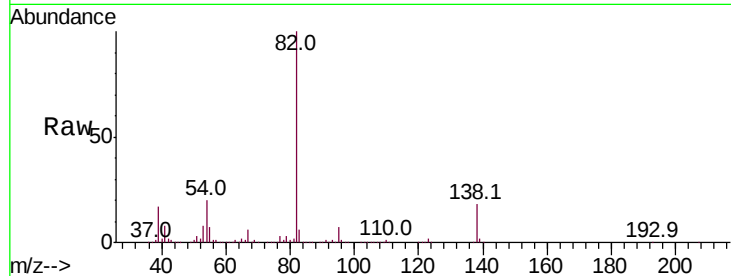
138 18.3 13.8 20.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 57.762 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF119472.D

Acq: 20 Mar 2020 15:13

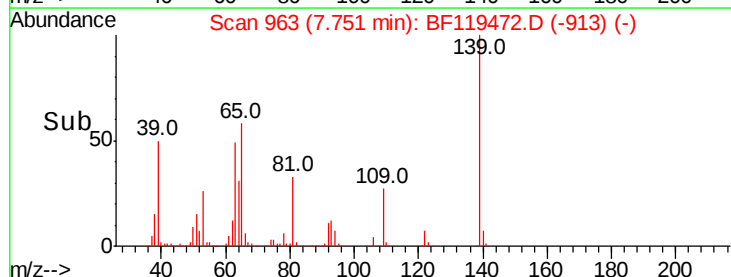
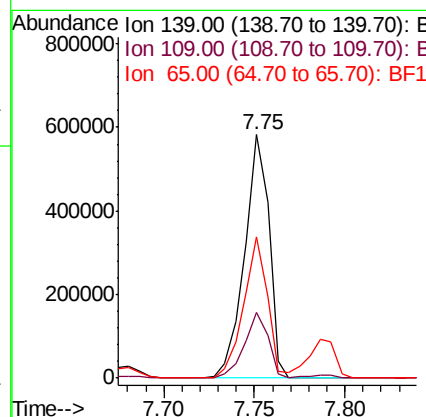
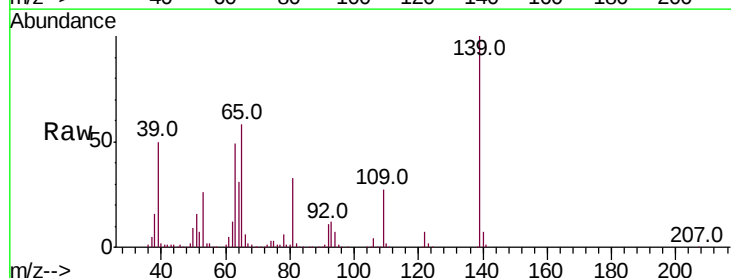
Tgt Ion: 139 Resp: 546014

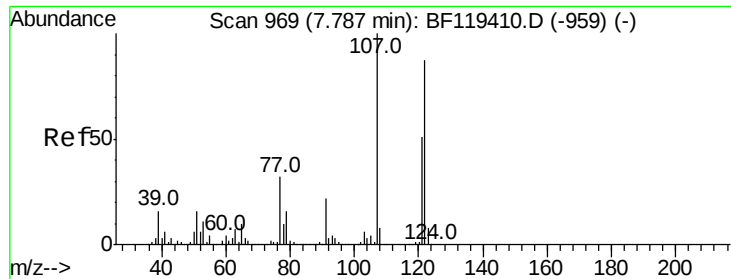
Ion Ratio Lower Upper

139 100

109 27.1 21.7 32.5

65 58.1 43.9 65.9





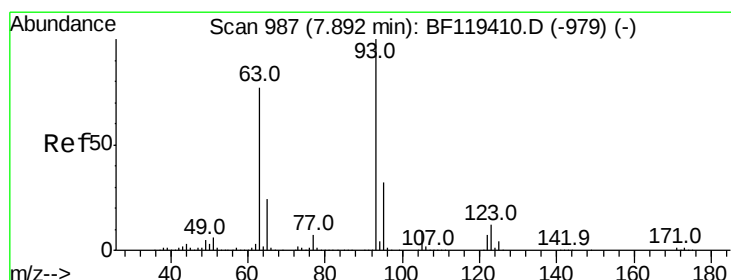
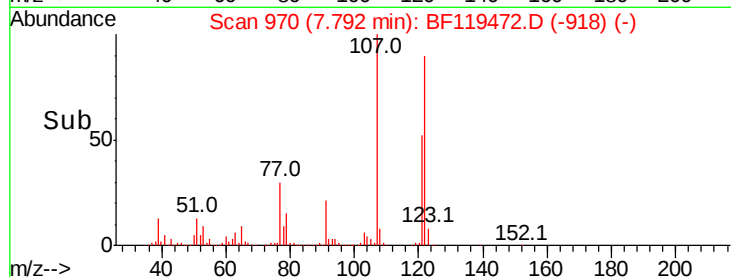
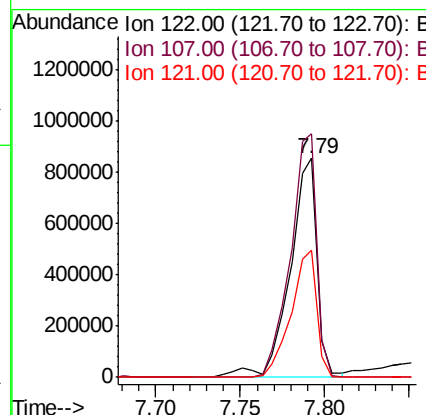
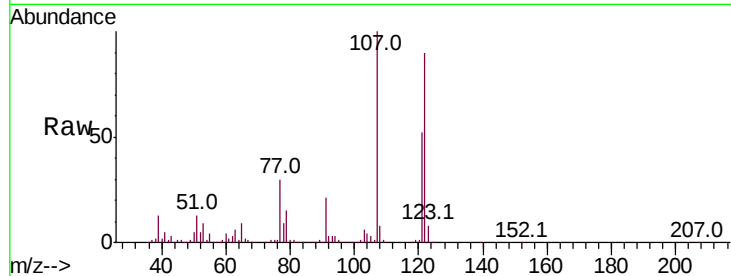
#27
2,4-Dimethylphenol
Concen: 49.188 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Instrument :
BNA_F
ClientSampleId :
PB127713BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.0	91.8	137.6
121	57.8	46.5	69.7

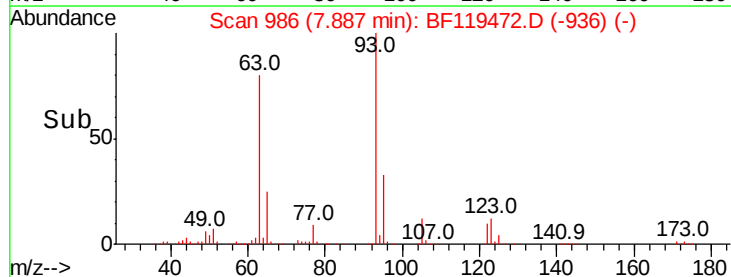
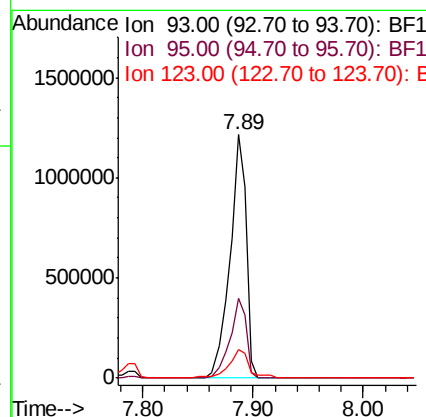
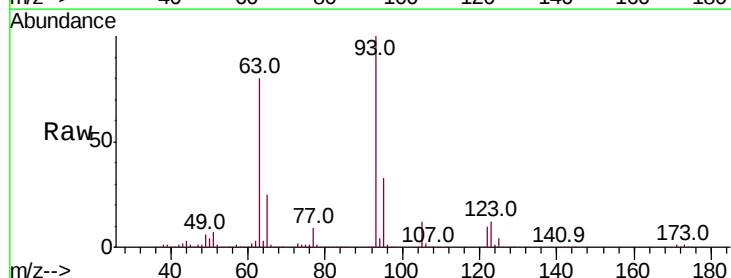
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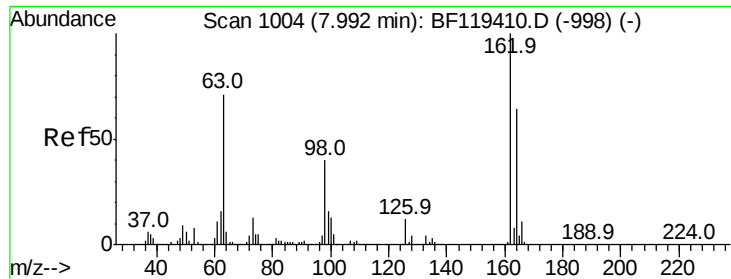
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#28
bis(2-Chloroethoxy)methane
Concen: 46.354 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.0	39.0
123	11.8	9.7	14.5





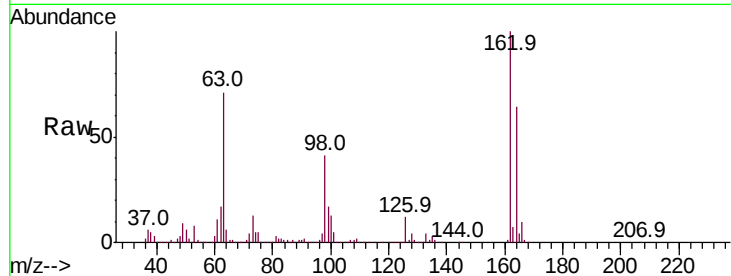
#29
 2,4-Dichlorophenol
 Concen: 46.881 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF119472.D
 Acq: 20 Mar 2020 15:13

Instrument :
 BNA_F
 ClientSampleId :
 PB127713BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	841955		
164	64.0		43.6	83.6
98	40.8		20.4	60.4

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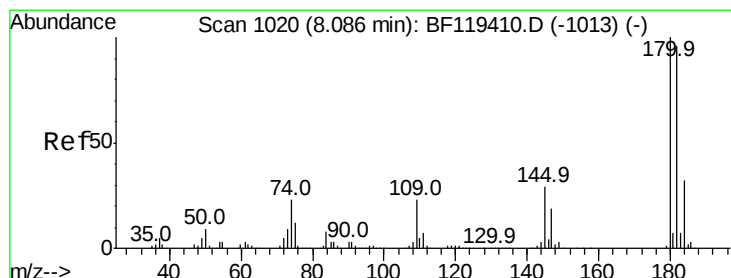
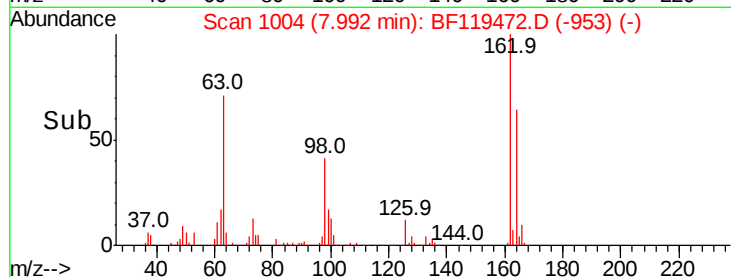
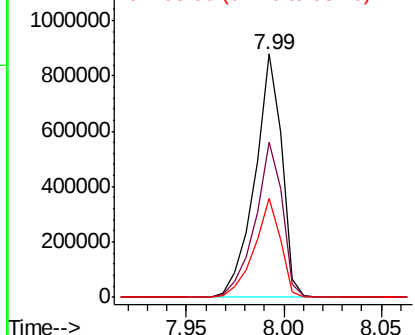


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 45.128 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF119472.D
 Acq: 20 Mar 2020 15:13

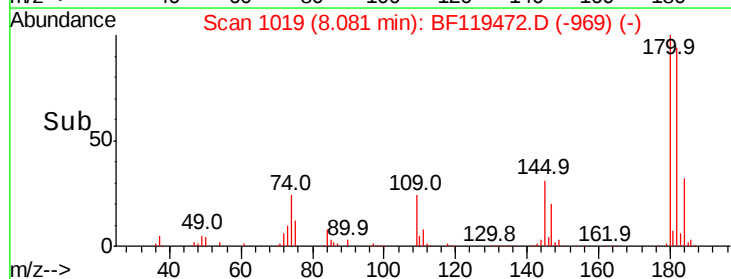
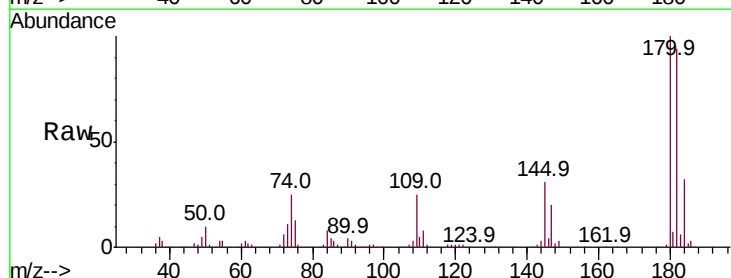
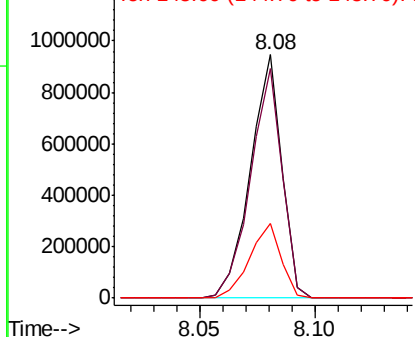
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	896323		
182	94.4		76.6	115.0
145	30.6		23.2	34.8

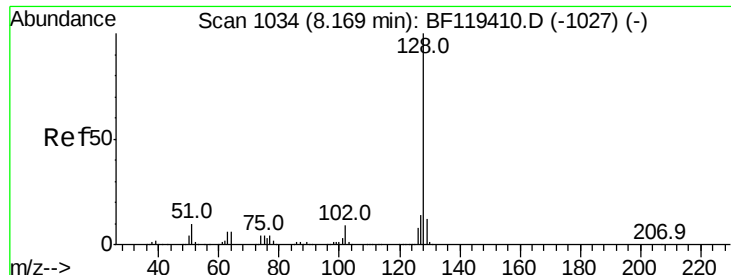
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





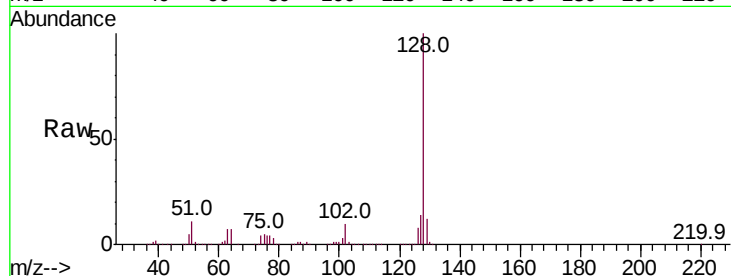
#31
Naphthalene
Concen: 44.709 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Instrument :
BNA_F
ClientSampleId :
PB127713BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.3	13.9
127	14.3	11.0	16.4

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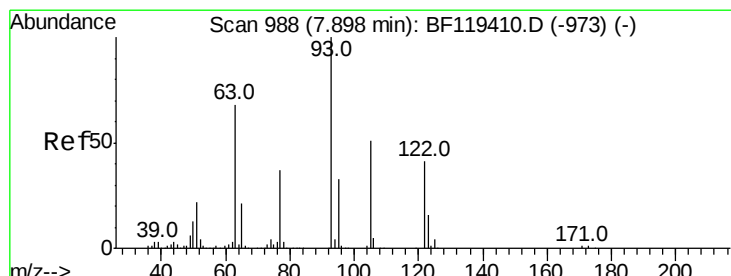
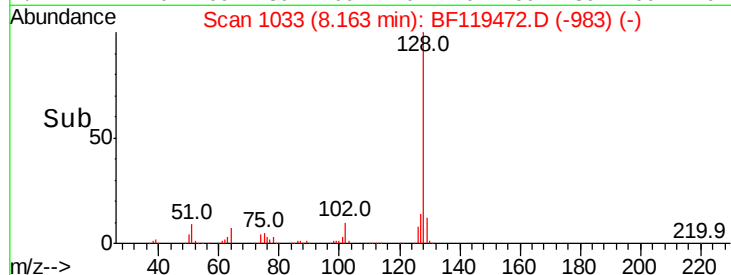
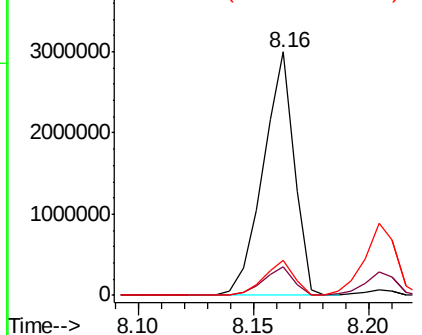


Abundance

Ion 128.00 (127.70 to 128.70): E

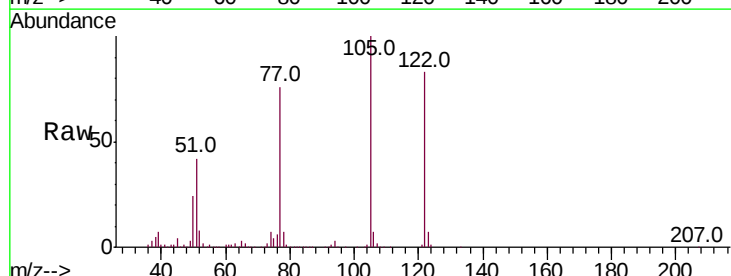
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 48.631 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.02 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.2	102.9	142.9
77	91.2	70.1	110.1

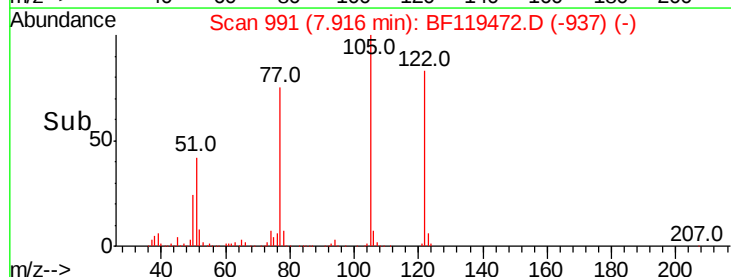
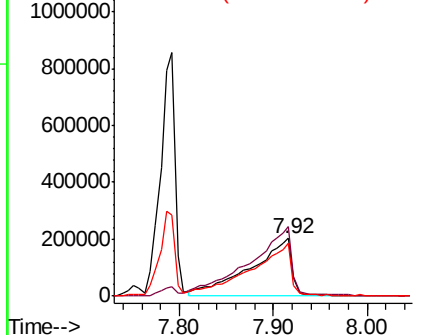


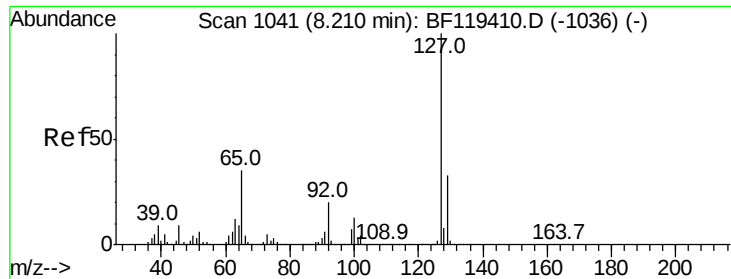
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





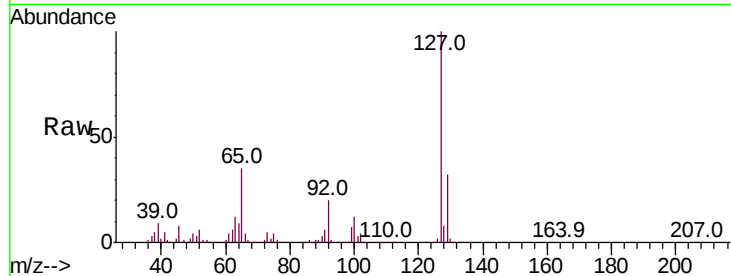
#33
4-Chloroaniline
Concen: 29.890 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Instrument :
BNA_F
ClientSampleId :
PB127713BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.5	26.2	39.4
65	34.7	27.7	41.5
92	19.9	15.8	23.6

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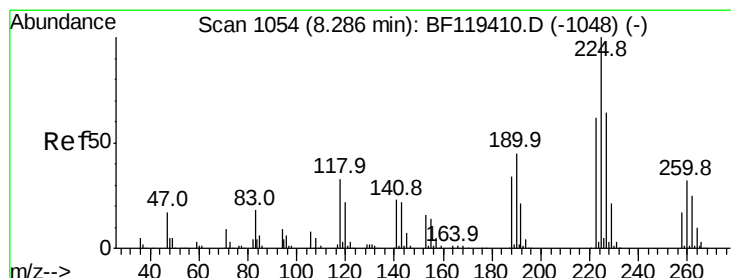
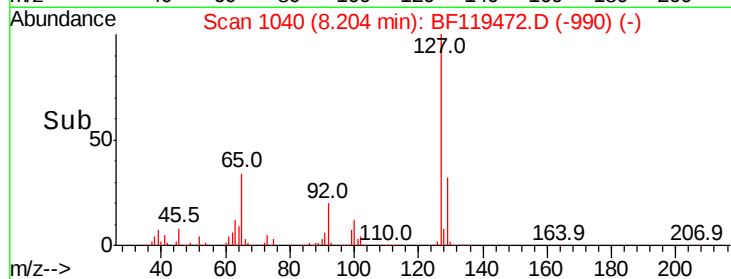
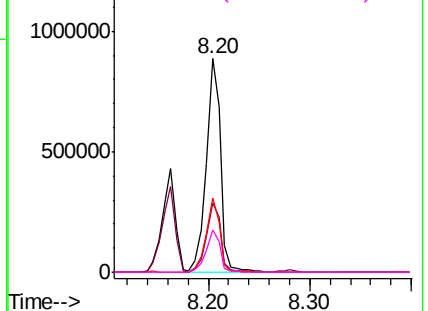
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 45.162 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

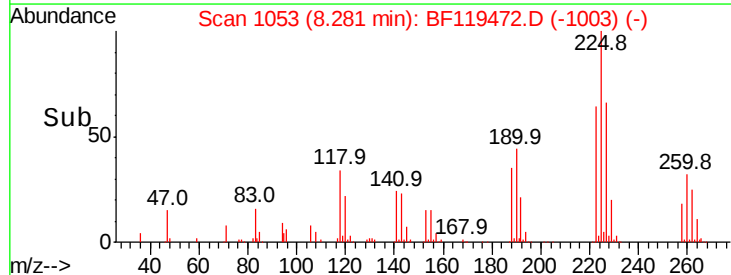
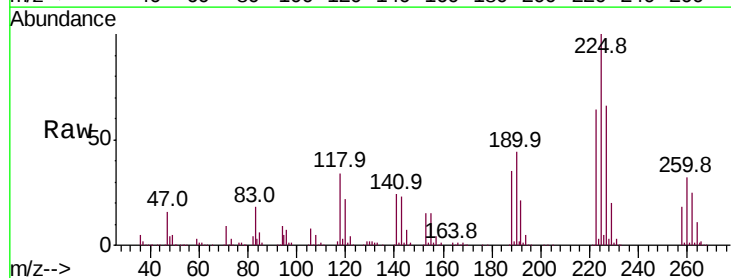
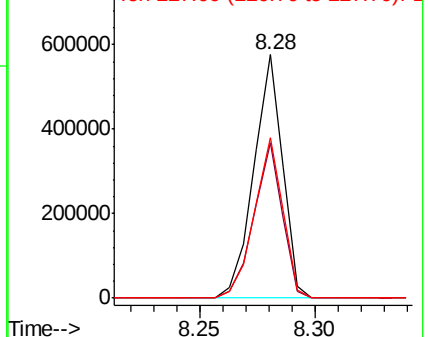
Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.9	49.2	73.8
227	65.9	51.1	76.7

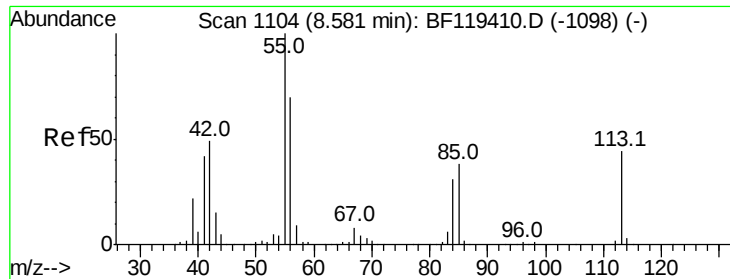
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





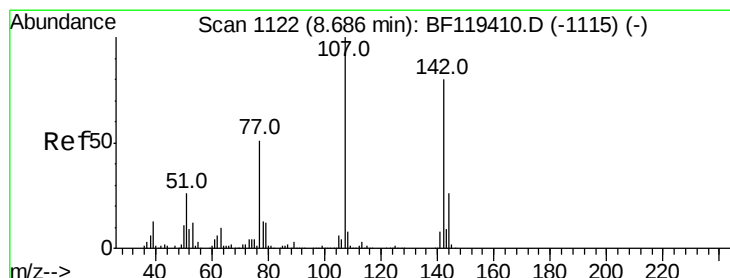
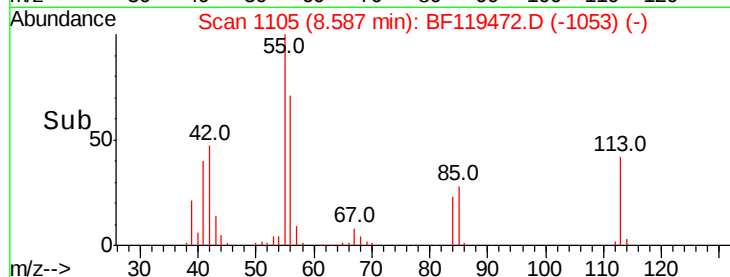
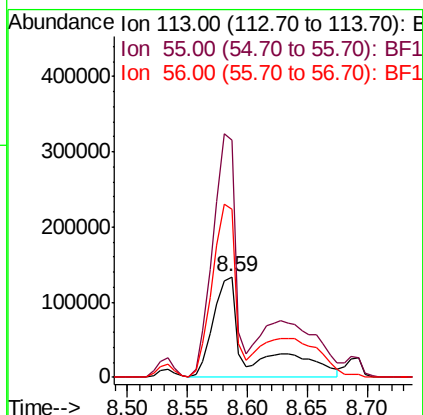
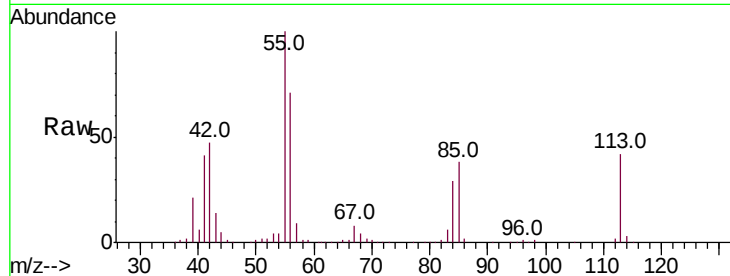
#35
Caprolactam
Concen: 47.548 ng/ml
RT: 8.59 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Instrument :
BNA_F
ClientSampleId :
PB127713BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	236.6	208.4	248.4
56	167.1	138.9	178.9

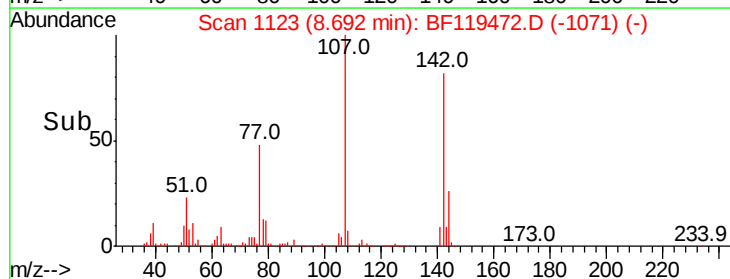
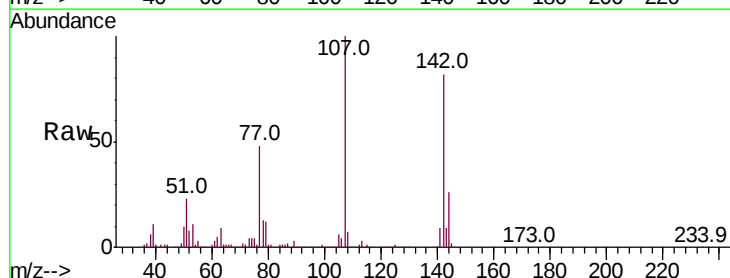
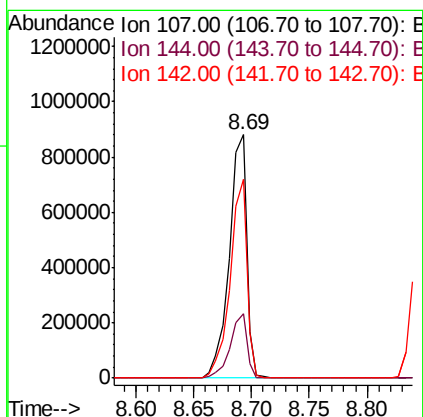
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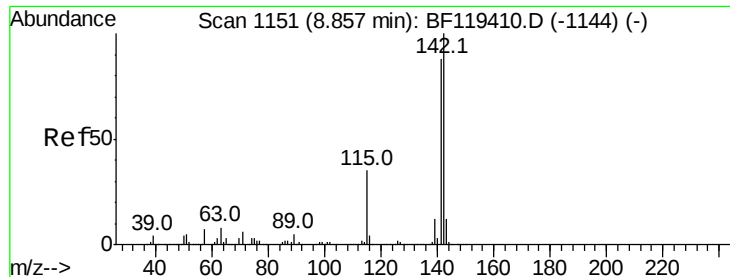
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#36
4-Chloro-3-methylphenol
Concen: 47.289 ng/ml
RT: 8.69 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.6	31.0
142	81.7	63.8	95.6





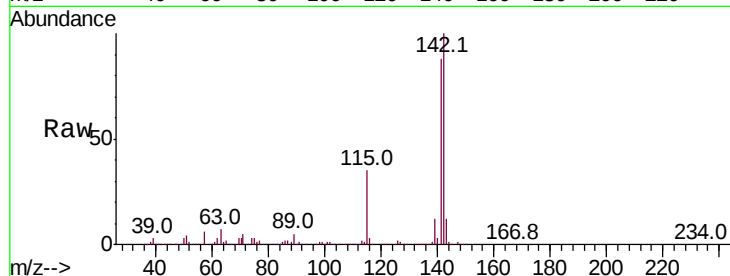
#37
2-Methylnaphthalene
Concen: 46.491 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Instrument :
BNA_F
ClientSampleId :
PB127713BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.4	105.6
115	34.7	27.8	41.6

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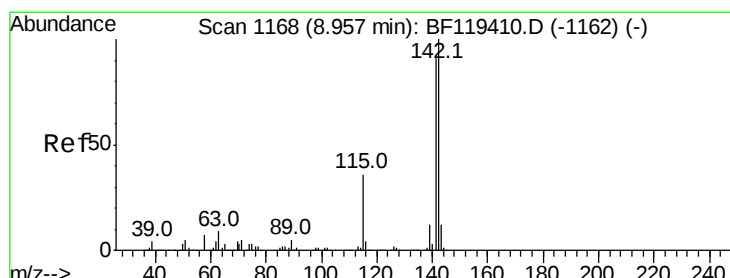
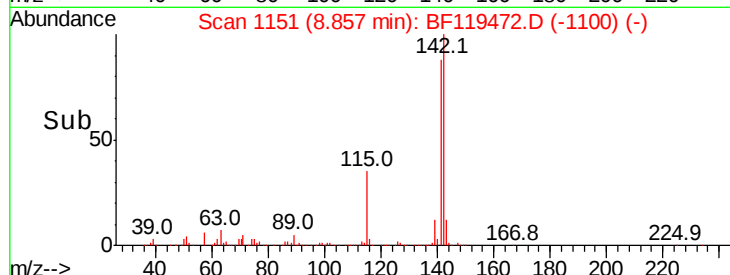
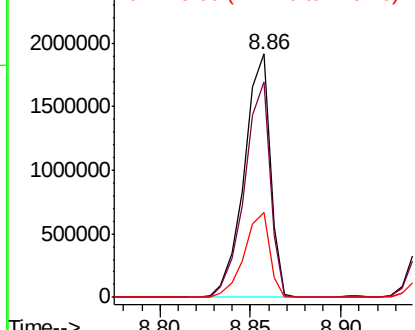


Abundance

Ion 142.00 (141.70 to 142.70): E

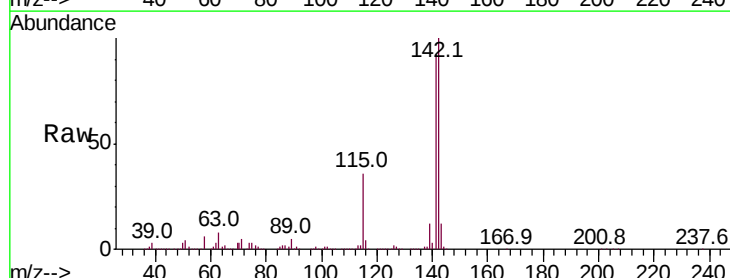
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 46.263 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.1	109.7
116	3.7	3.0	4.6

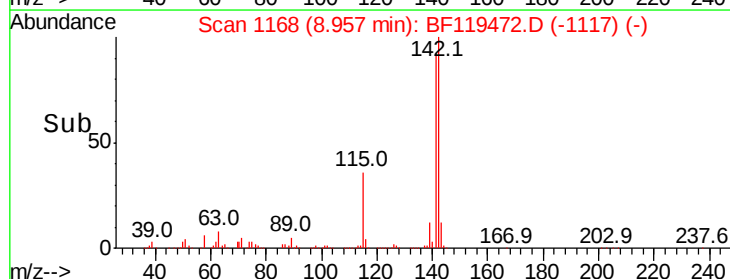
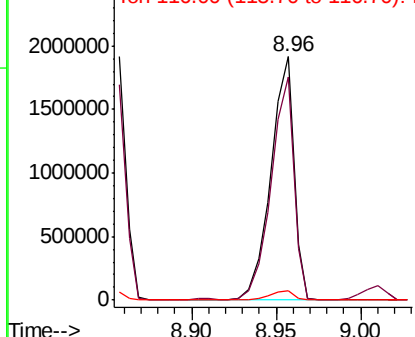


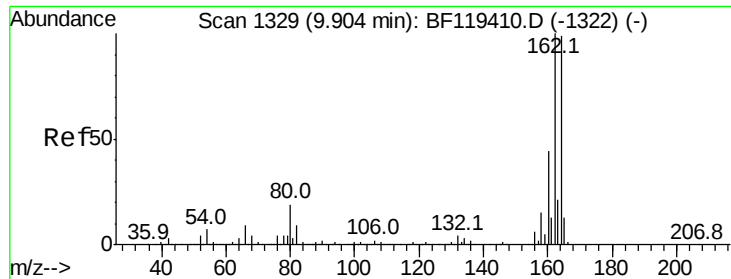
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





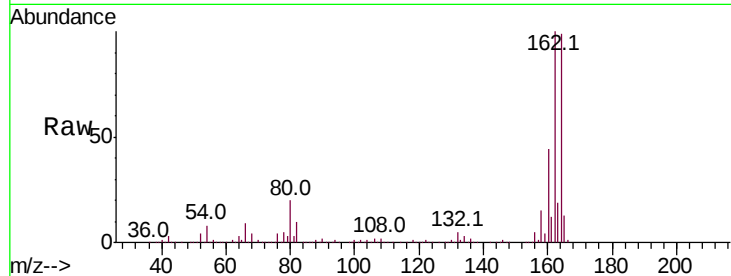
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF119472.D
 Acq: 20 Mar 2020 15:13

Instrument :
 BNA_F
 ClientSampleId :
 PB127713BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.3	80.7	121.1	
160	44.8	35.5	53.3	

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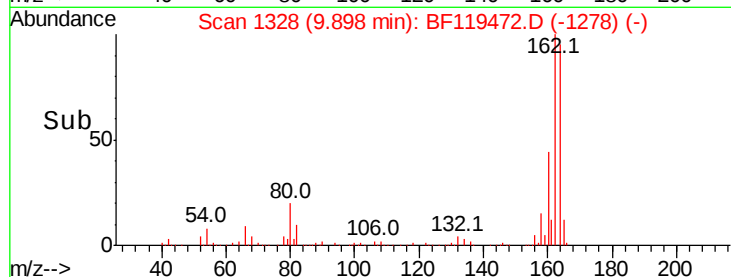
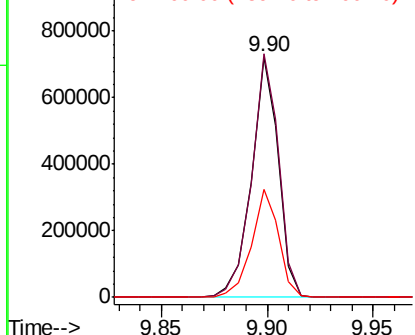


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.448 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF119472.D
 Acq: 20 Mar 2020 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.9	63.0	94.6	
179	21.8	17.0	25.4	
108	20.3	15.4	23.0	

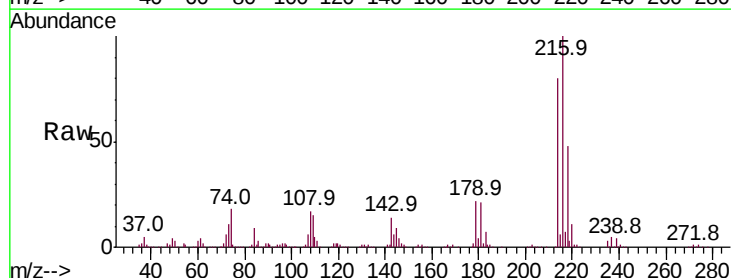
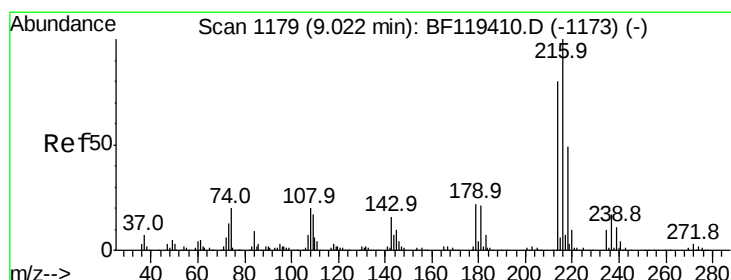
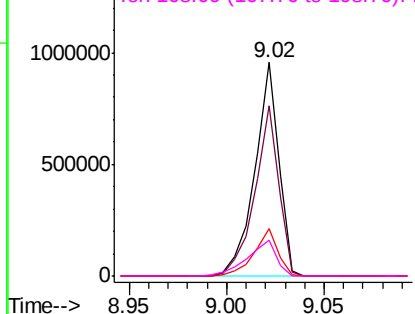
Abundance

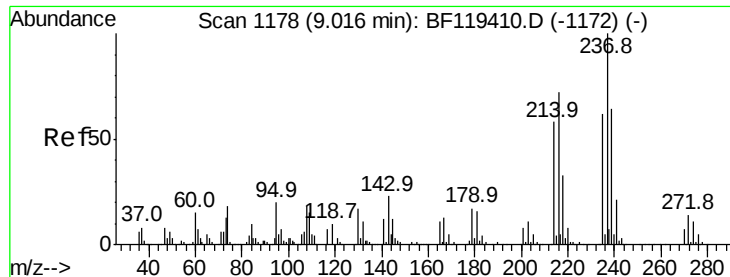
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 82.582 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF119472.D

Acq: 20 Mar 2020 15:13

Instrument :

BNA_F

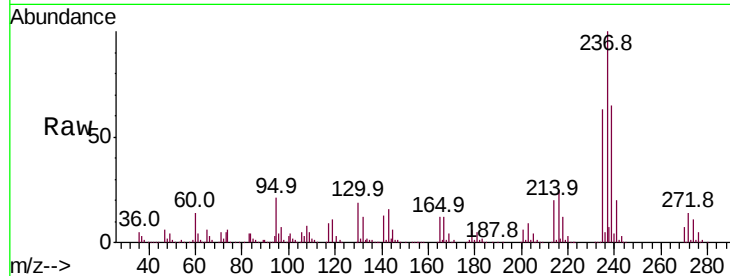
ClientSampleId :

PB127713BS

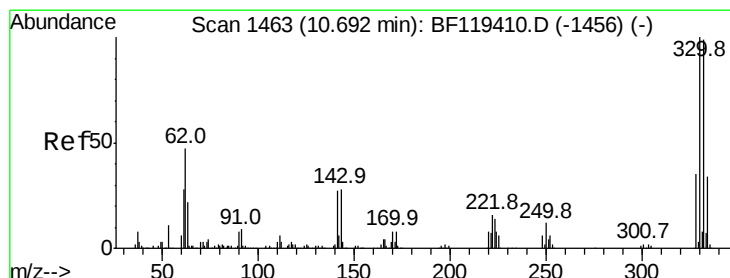
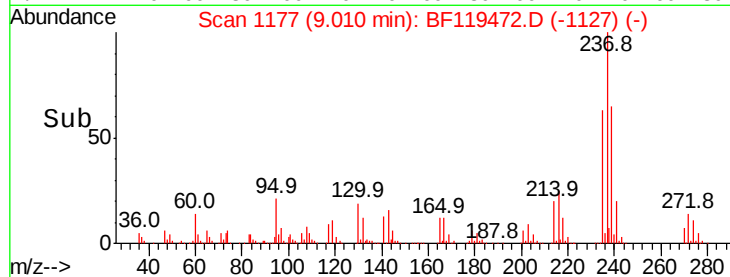
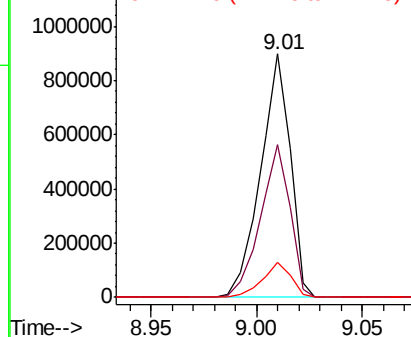
Tot Ion:	237	Resp:	878930
Ion Ratio	Lower	Upper	
237	100		
235	62.8	42.5	82.5
272	14.2	0.0	34.3

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 125.379 ng

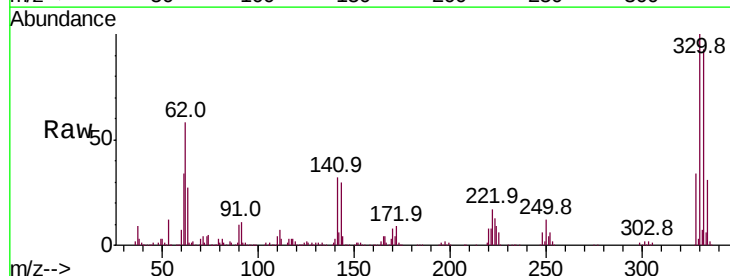
RT: 10.69 min Scan# 1463

Delta R.T. 0.00 min

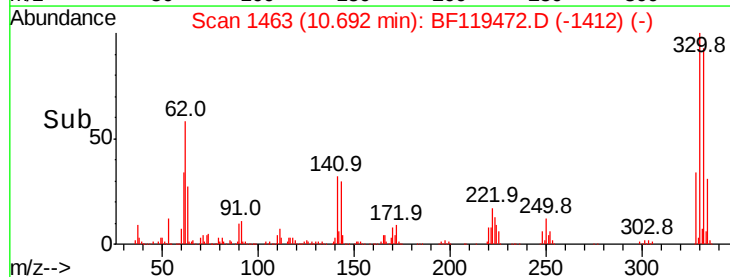
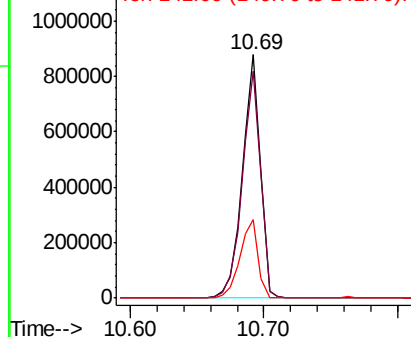
Lab File: BF119472.D

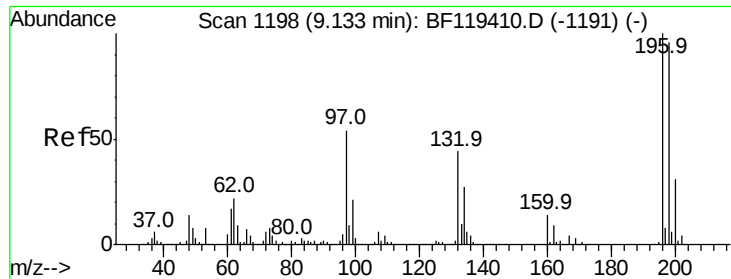
Acq: 20 Mar 2020 15:13

Tgt Ion:	330	Resp:	826163
Ion Ratio	Lower	Upper	
330	100		
332	95.4	77.6	116.4
141	32.3	26.6	40.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





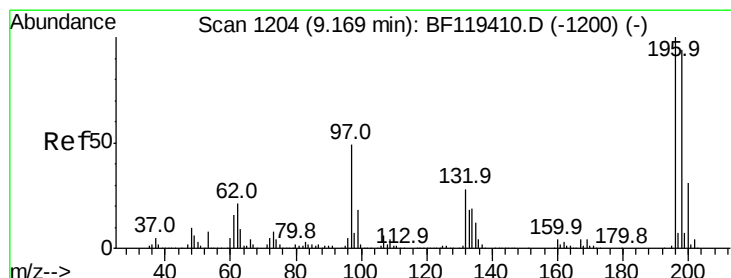
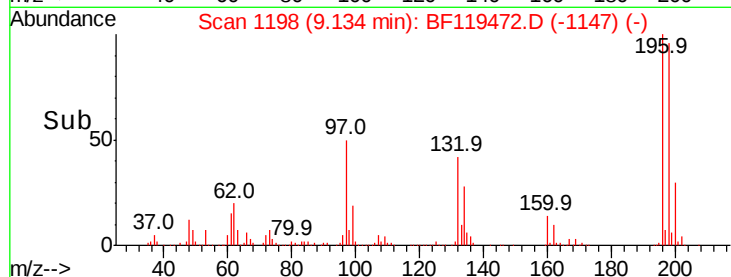
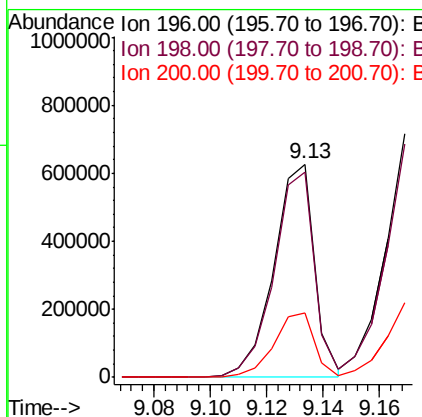
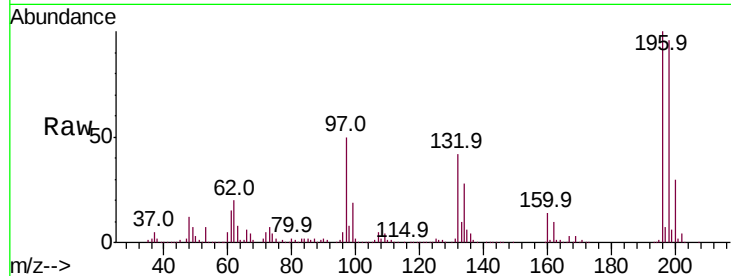
#43
2,4,6-Trichlorophenol
Concen: 46.755 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Instrument :
BNA_F
ClientSampleId :
PB127713BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	626387		
198	96.1	77.0	115.4	
200	30.3	25.1	37.7	

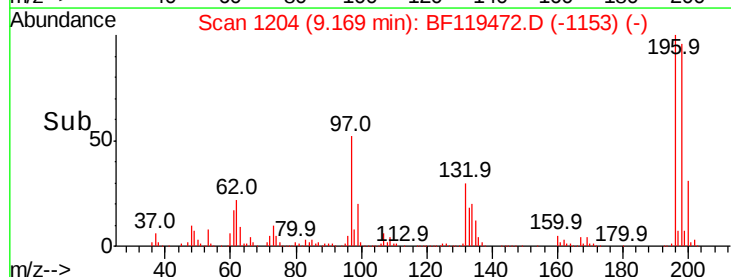
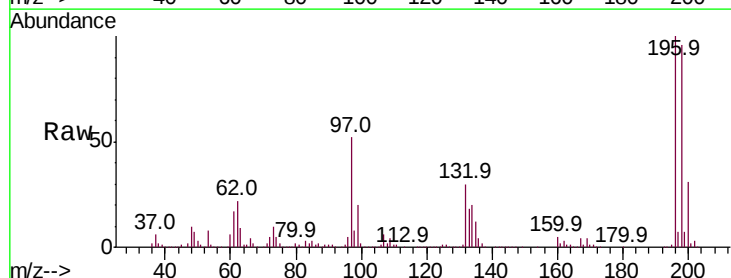
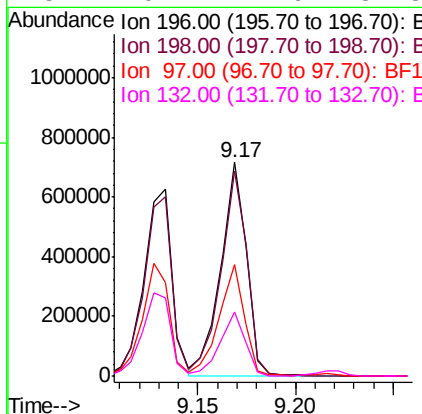
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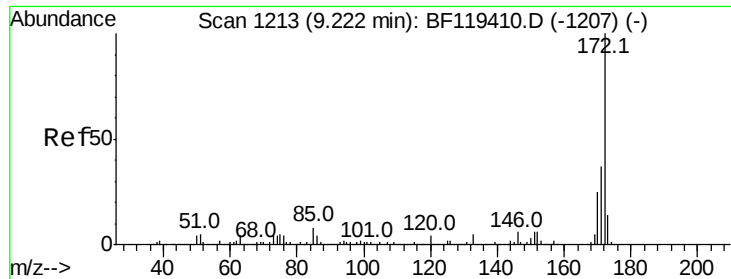
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#44
2,4,5-Trichlorophenol
Concen: 43.673 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	655438		
198	96.0	75.3	112.9	
97	51.9	39.0	58.4	
132	29.7	22.9	34.3	





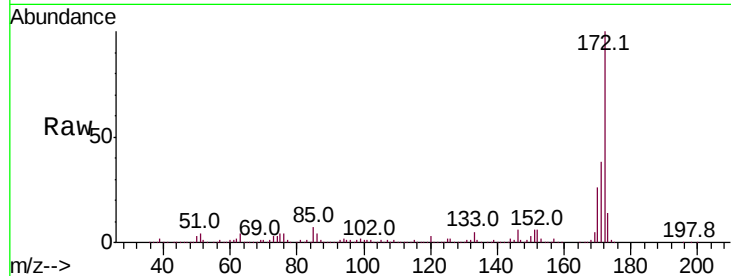
#45
2-Fluorobiphenyl
Concen: 76.521 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Instrument :
BNA_F
ClientSampleId :
PB127713BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.9	44.9
170	26.0	20.1	30.1

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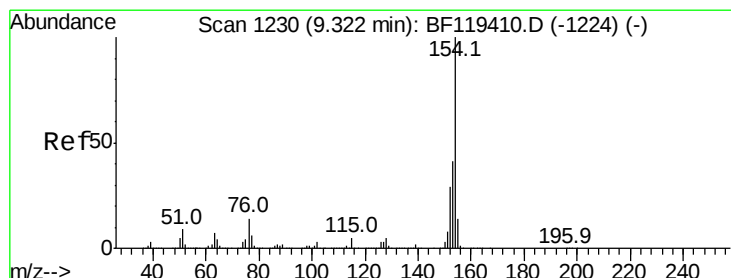
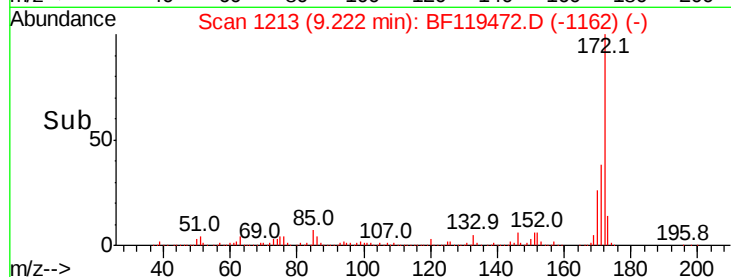
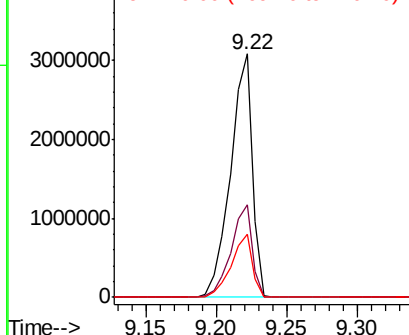


Abundance

Ion 172.00 (171.70 to 172.70): E

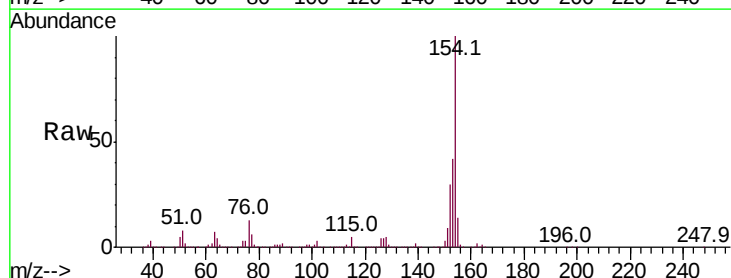
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 43.010 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.4	61.4
76	13.0	0.0	33.6

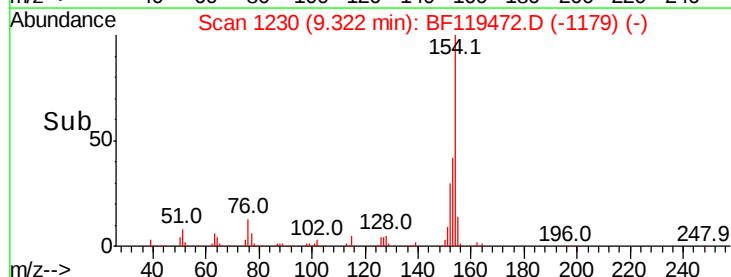
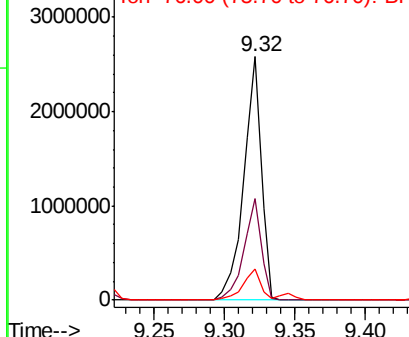


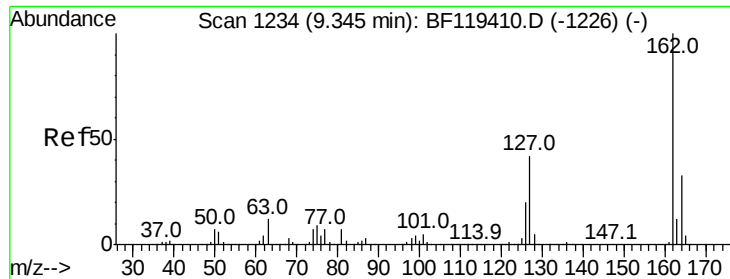
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





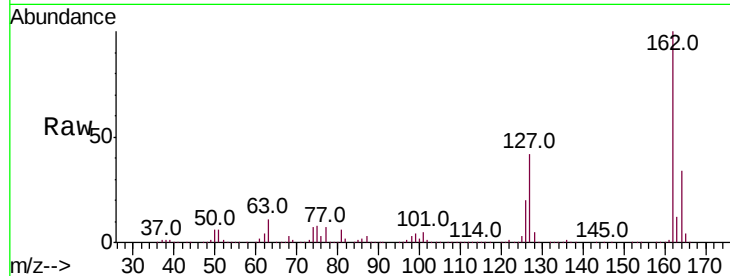
#47
2-Chloronaphthalene
Concen: 43.788 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Instrument :
BNA_F
ClientSampleId :
PB127713BS

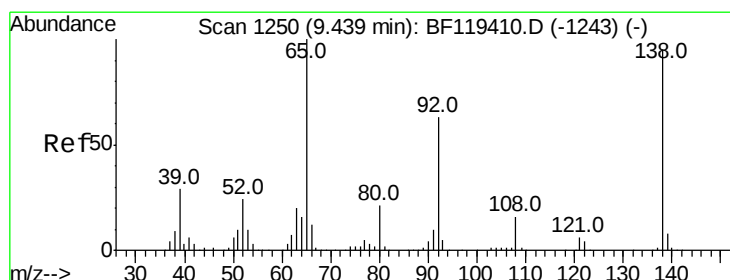
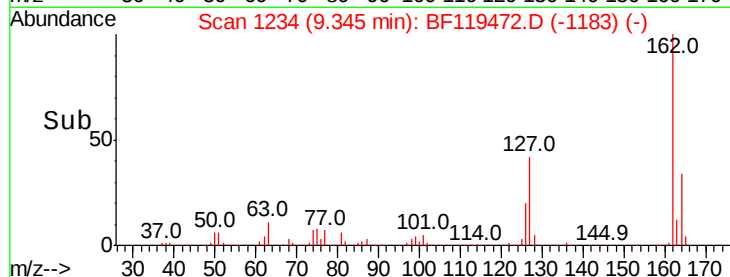
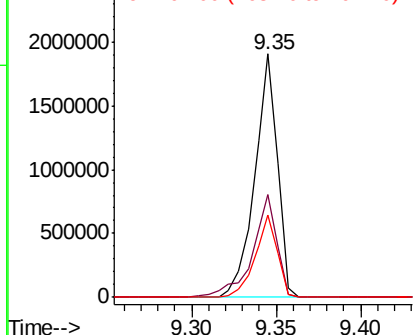
Tot Ion: 162 Resp: 1784230
Ion Ratio Lower Upper
162 100
127 42.1 33.7 50.5
164 33.6 26.2 39.4

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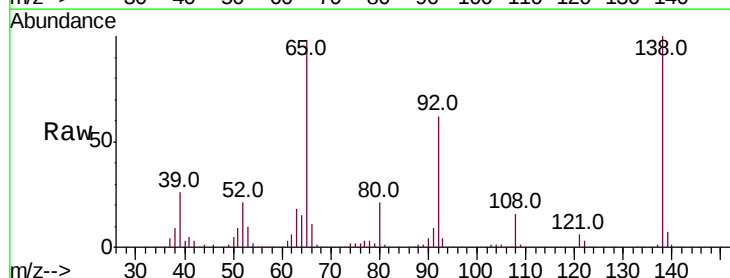


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

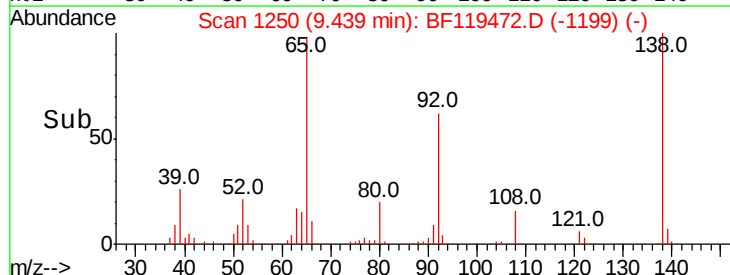
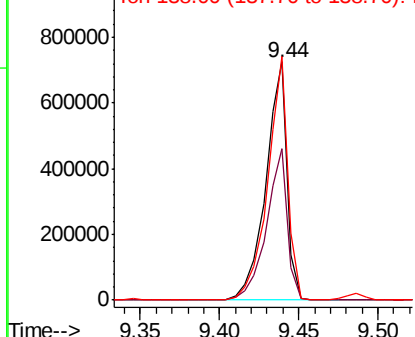


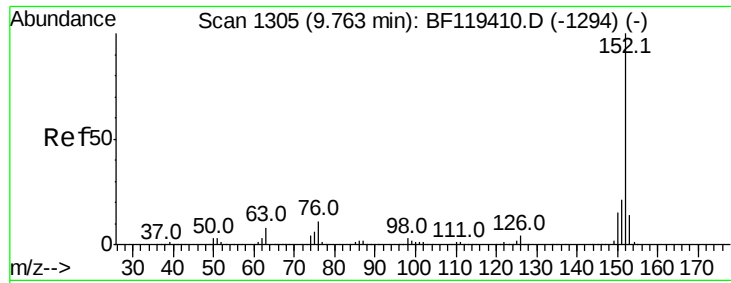
#48
2-Nitroaniline
Concen: 48.318 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Tgt Ion: 65 Resp: 679573
Ion Ratio Lower Upper
65 100
92 63.6 50.5 75.7
138 102.3 75.8 113.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





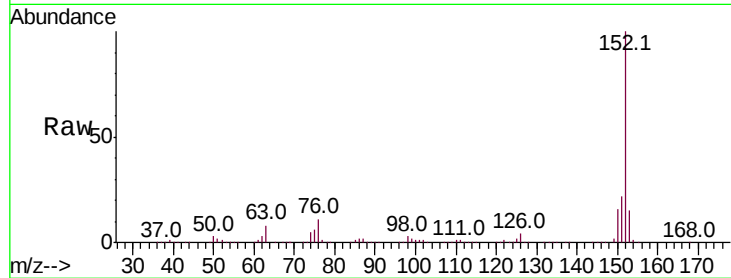
#49
Acenaphthylene
Concen: 44.325 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Instrument :
BNA_F
ClientSampleId :
PB127713BS

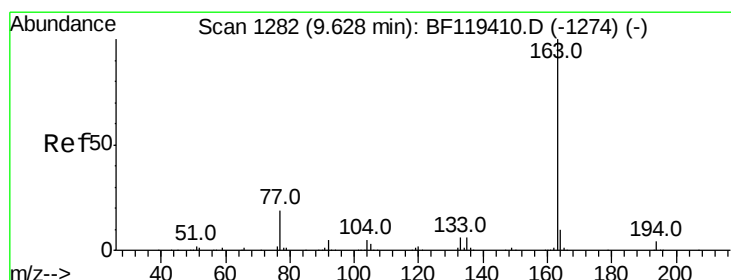
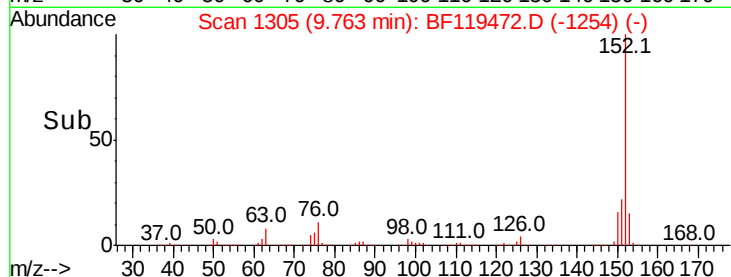
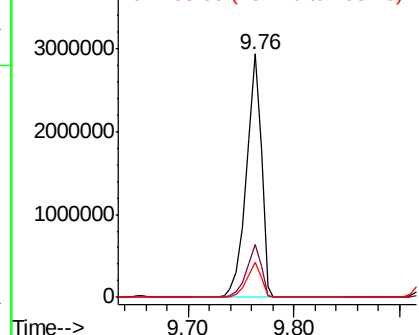
Tot Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.8	25.2
153	14.5	11.2	16.8

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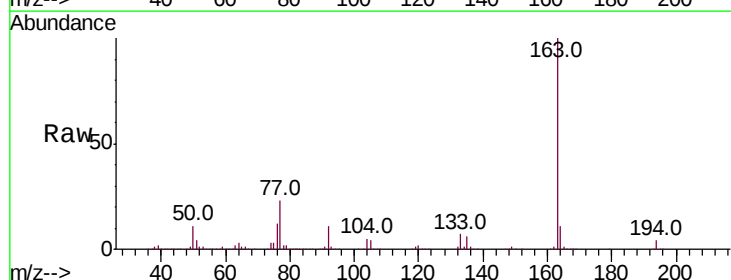


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

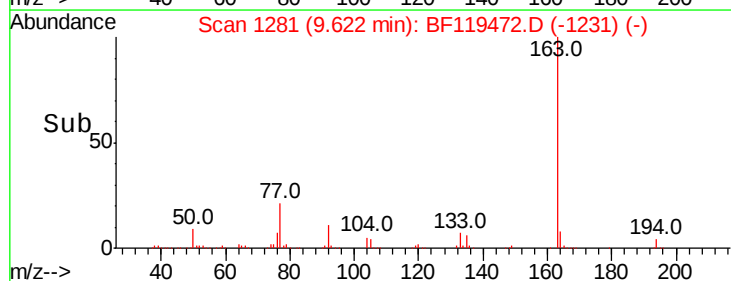
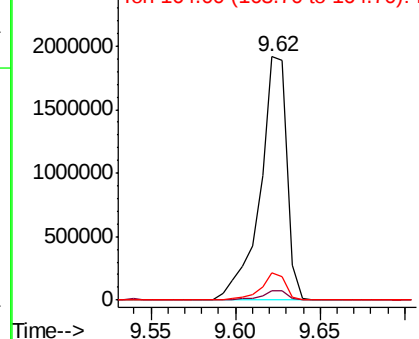


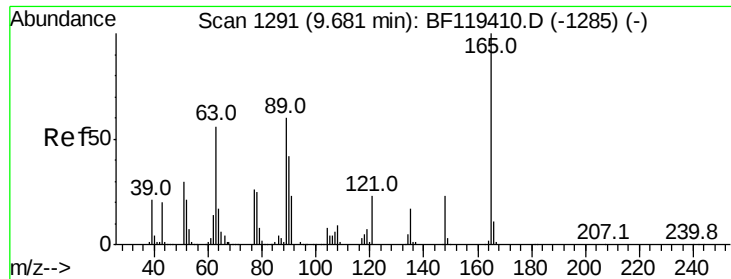
#50
Dimethylphthalate
Concen: 46.588 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	11.0	8.1	12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





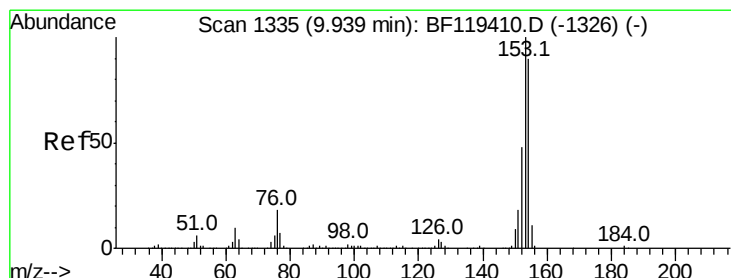
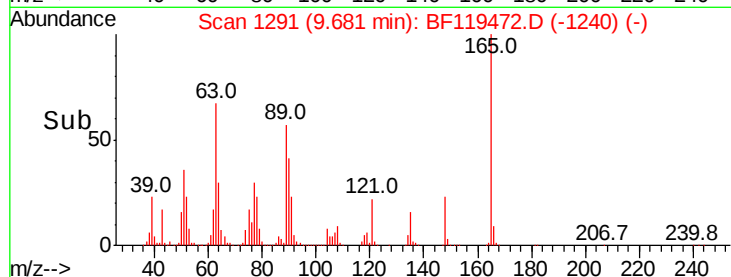
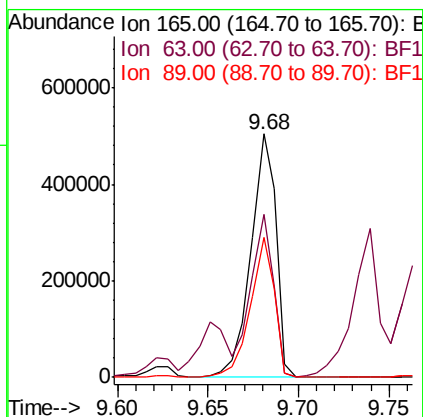
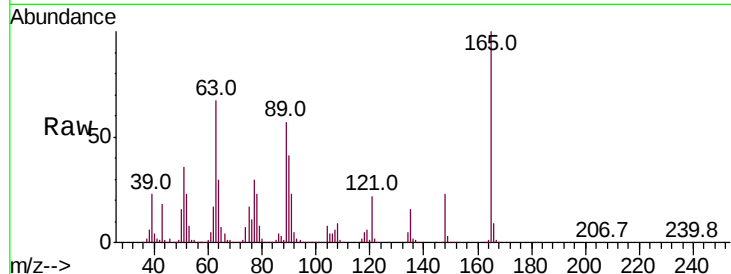
#51
2,6-Dinitrotoluene
Concen: 50.108 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Instrument :
BNA_F
ClientSampleId :
PB127713BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	487266		
63	66.7	57.3	85.9	
89	57.4	47.8	71.8	

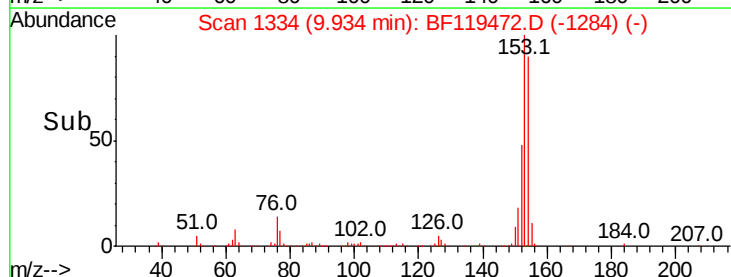
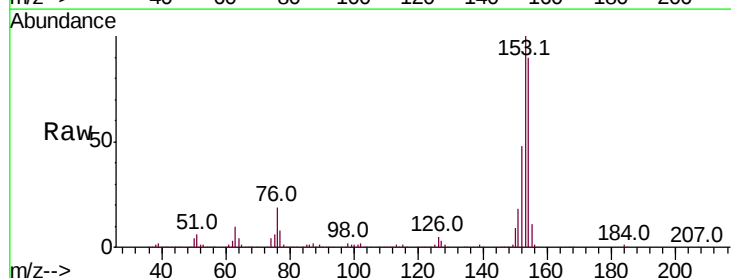
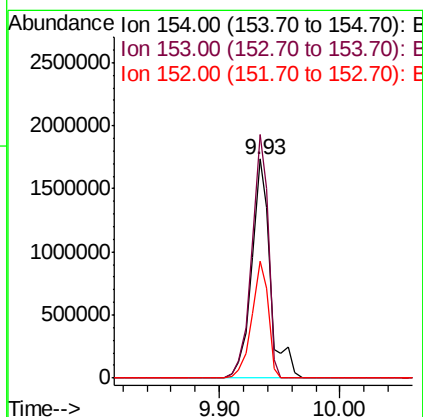
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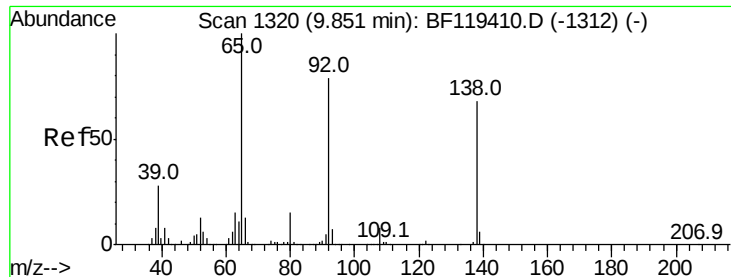
mohammad
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#52
Acenaphthene
Concen: 46.857 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1869179		
153	111.2	89.0	133.6	
152	53.4	43.1	64.7	





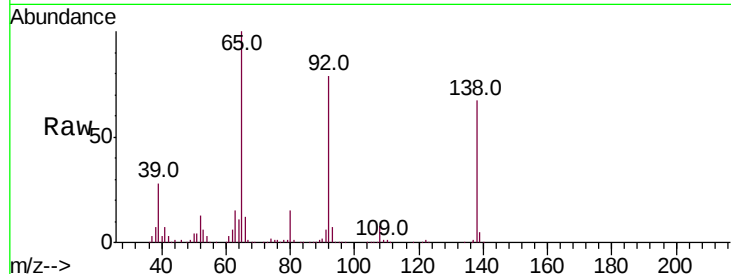
#53
3-Nitroaniline
Concen: 30.576 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Instrument :
BNA_F
ClientSampleId :
PB127713BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.0	13.6
92	118.3	93.2	139.8

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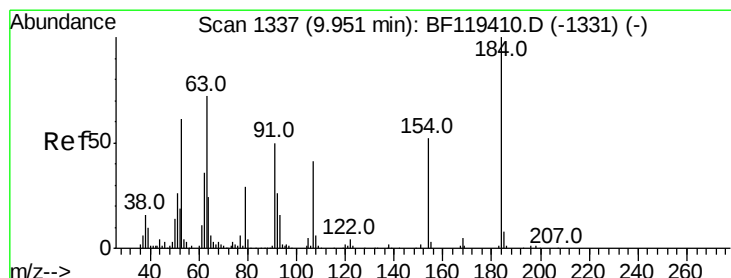
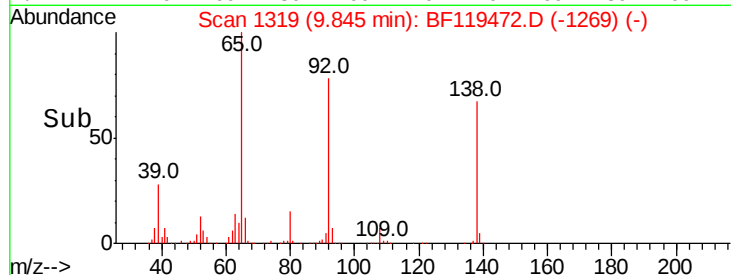
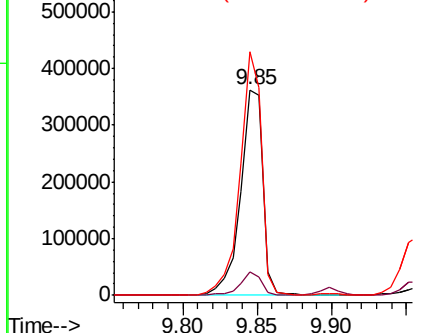


Abundance

Ion 138.00 (137.70 to 138.70): E

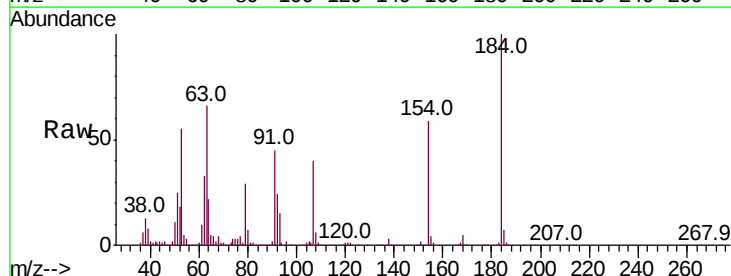
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 88.173 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.1	58.5	87.7
154	58.7	51.8	77.6

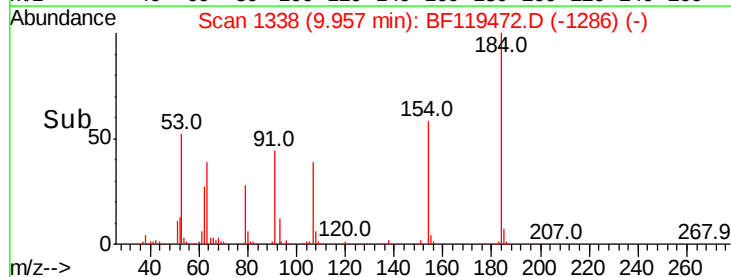
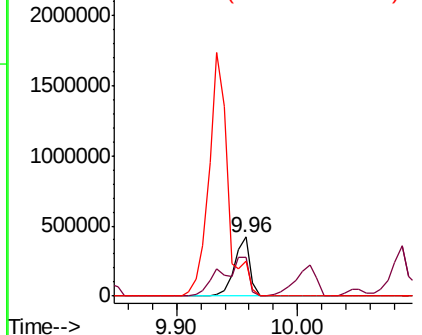


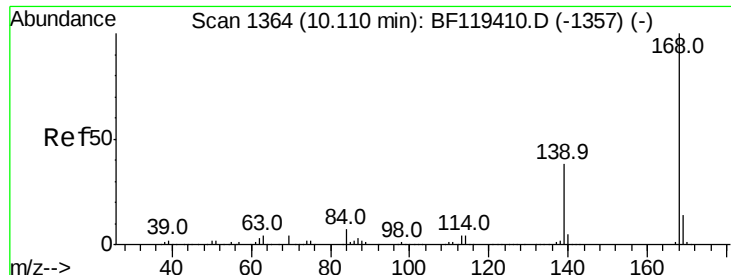
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





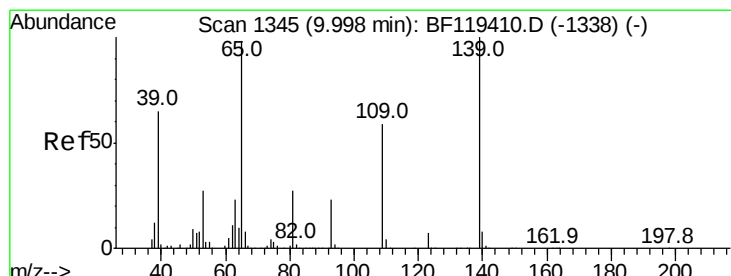
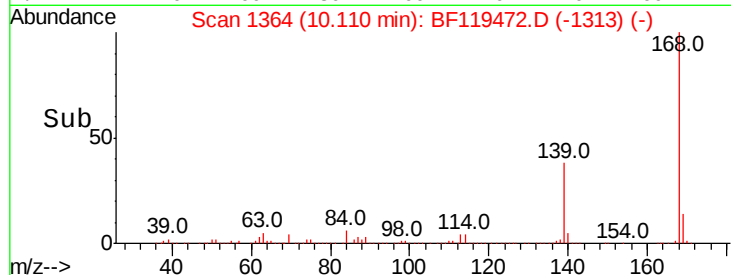
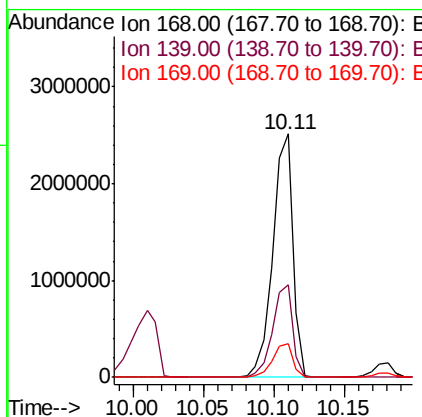
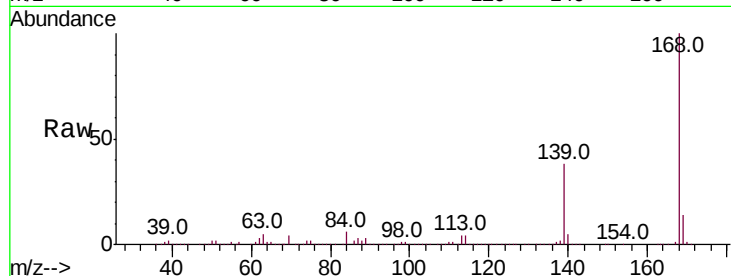
#55
Dibenzenofuran
Concen: 43.980 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Instrument :
BNA_F
ClientSampleId :
PB127713BS

Tot Ion:168	Resp: 2515388
Ion Ratio	Lower Upper
168 100	
139 38.0	30.2 45.4
169 14.0	11.1 16.7

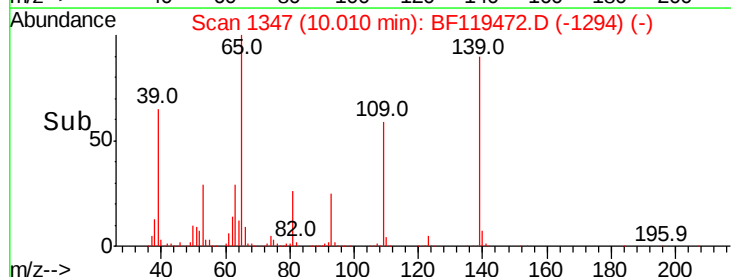
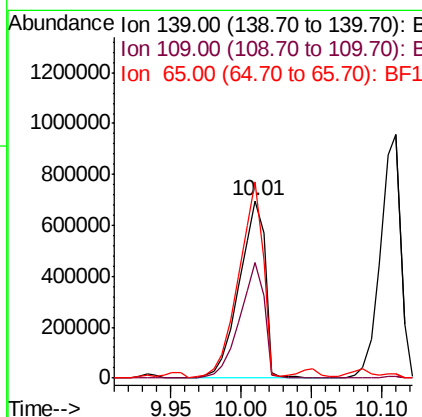
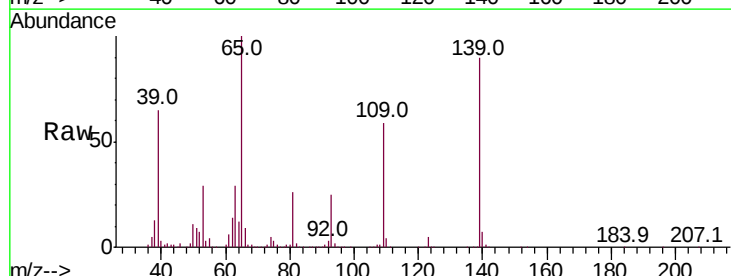
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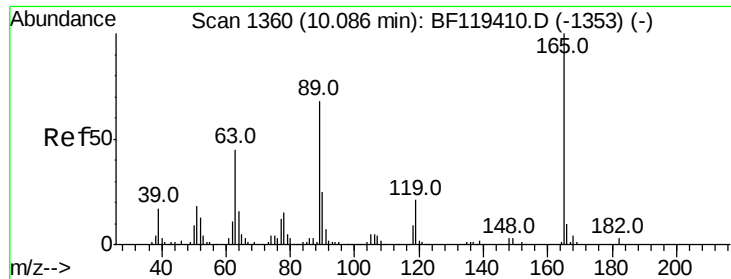
mohammad
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#56
4-Nitrophenol
Concen: 91.785 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Tgt	Ion:139	Resp:	888916
Ion	Ratio	Lower	Upper
139	100		
109	65.5	39.6	79.6
65	110.8	78.3	118.3





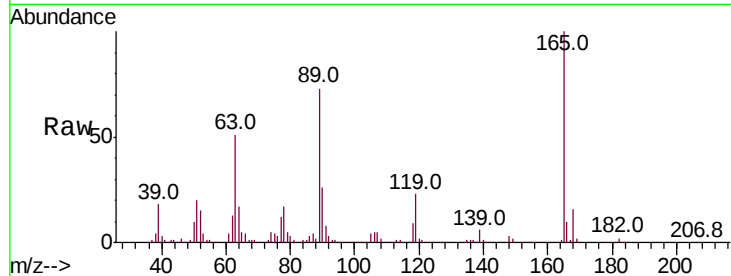
#57
 2,4-Dinitrotoluene
 Concen: 53.064 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BF119472.D
 Acq: 20 Mar 2020 15:13

Instrument :
 BNA_F
 ClientSampleId :
 PB127713BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	650033		
63	50.7	36.2	54.4	
89	73.2	54.3	81.5	
182	2.5	2.0	3.0	

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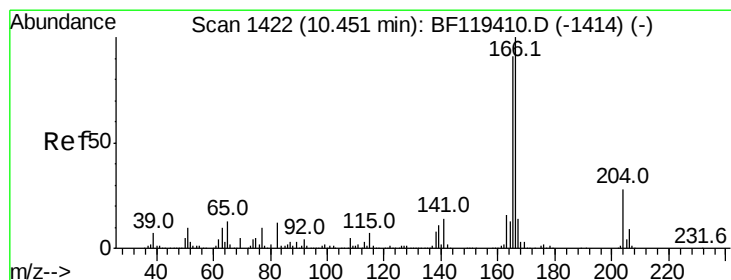
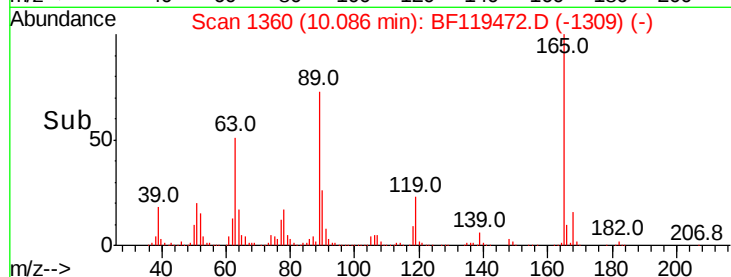
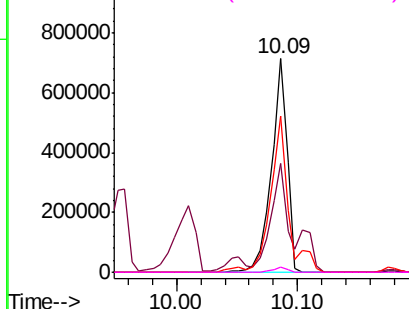
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

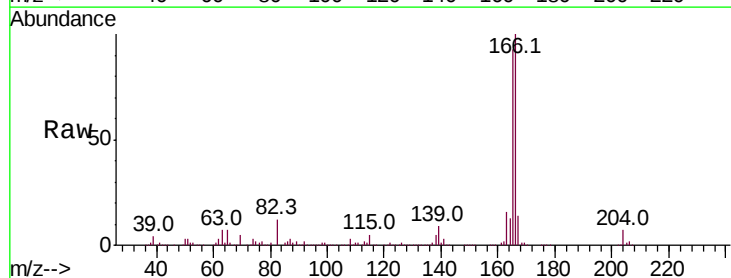
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 44.642 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.00 min
 Lab File: BF119472.D
 Acq: 20 Mar 2020 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1888079		
165	93.5	73.1	109.7	
167	13.9	11.0	16.6	

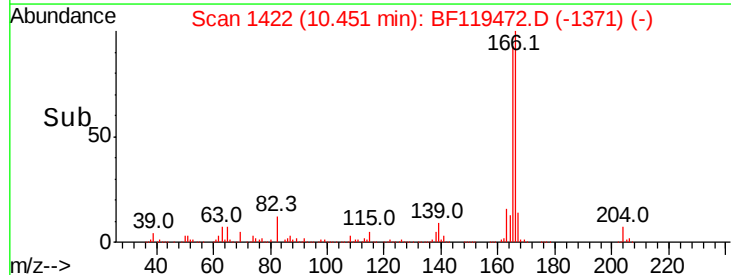
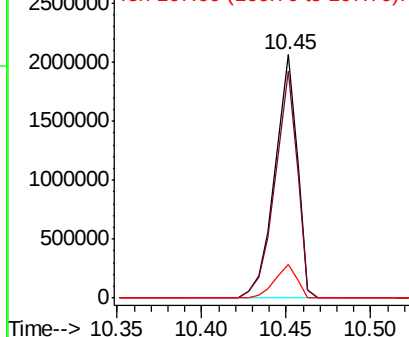


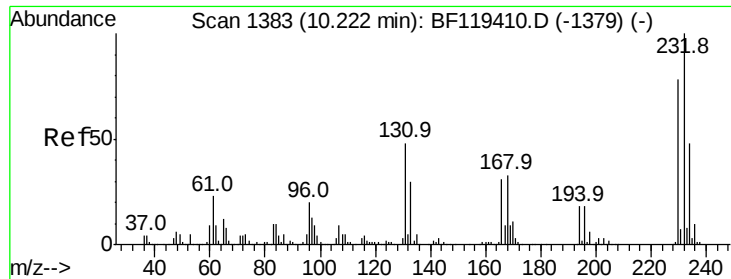
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





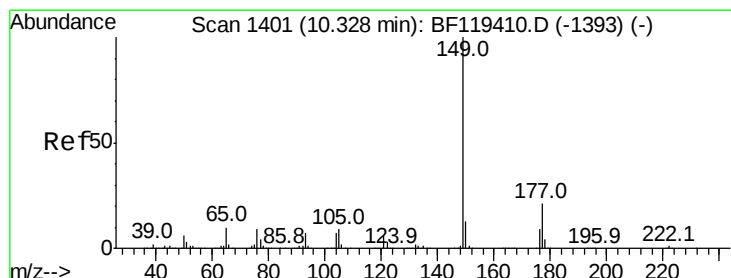
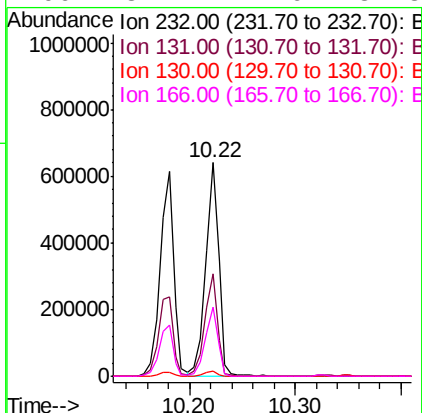
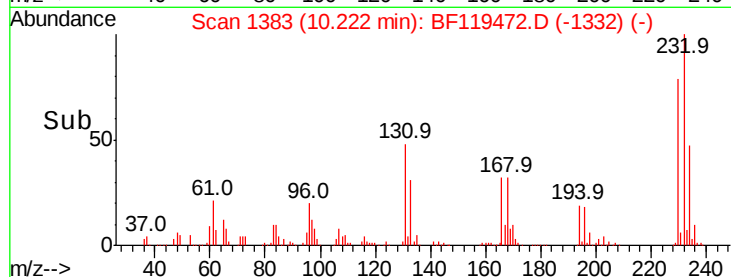
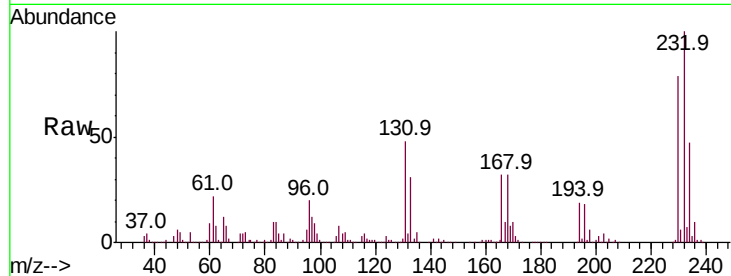
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.133 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: BF119472.D
 Acq: 20 Mar 2020 15:13

Instrument :
 BNA_F
 ClientSampleId :
 PB127713BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.0	36.3	54.5
130	2.2	1.8	2.6
166	31.2	24.9	37.3

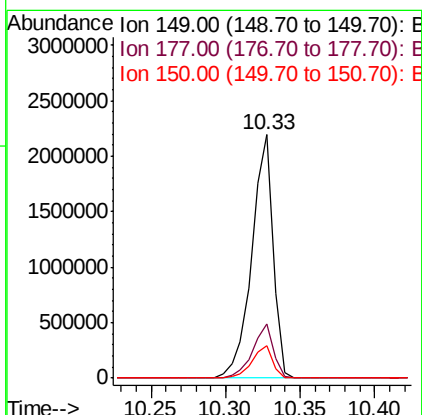
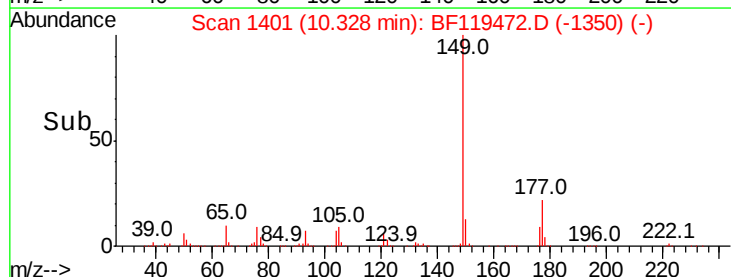
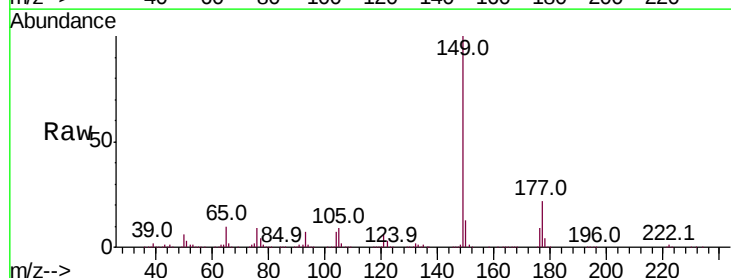
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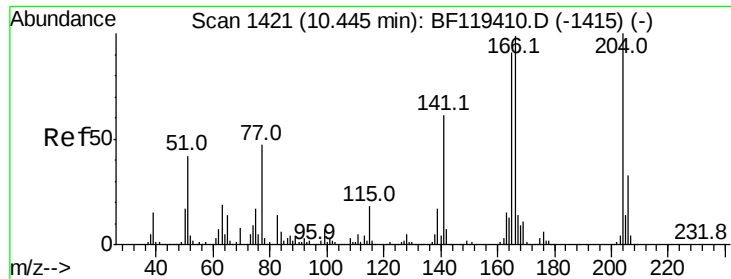
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#60
 Diethylphthalate
 Concen: 46.763 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.00 min
 Lab File: BF119472.D
 Acq: 20 Mar 2020 15:13

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.0	25.6
150	13.1	10.2	15.4





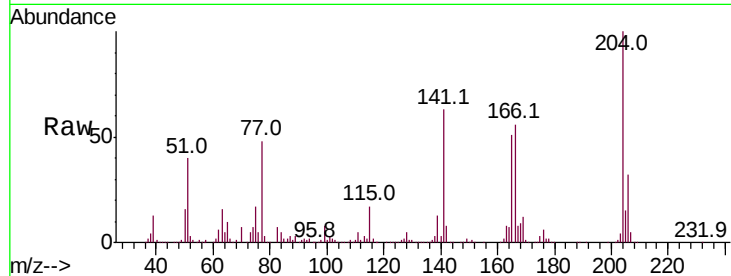
#61
4-Chlorophenyl-phenylether
Concen: 44.704 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Instrument :
BNA_F
ClientSampleId :
PB127713BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.7	40.1
141	62.9	48.8	73.2

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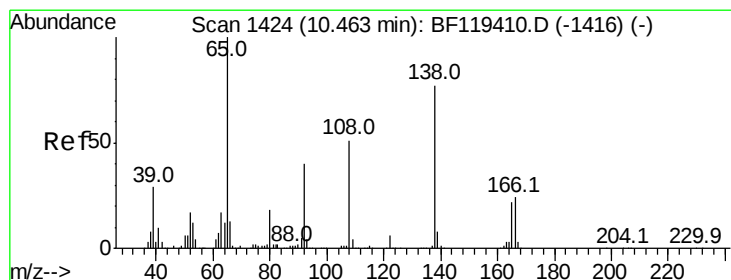
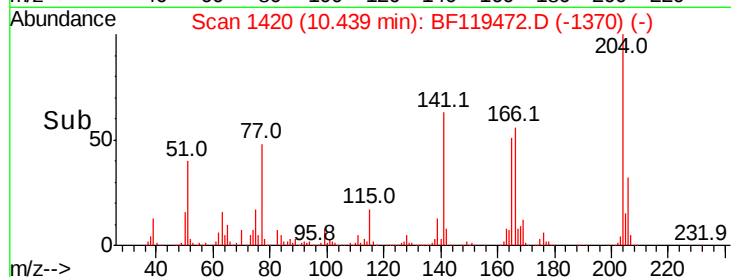
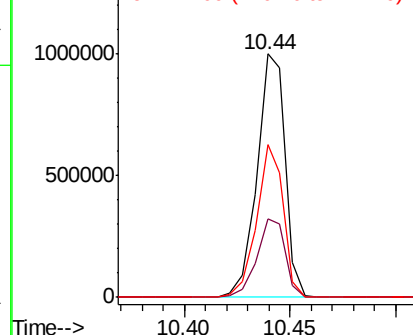


Abundance

Ion 204.00 (203.70 to 204.70): E

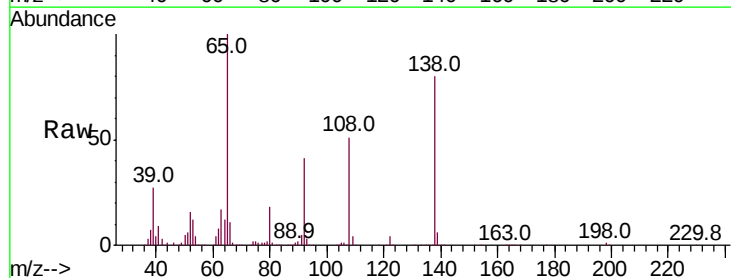
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 43.558 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.2	32.0	72.0
108	63.8	46.0	86.0

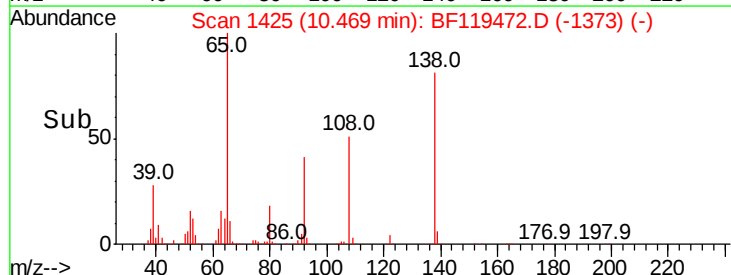
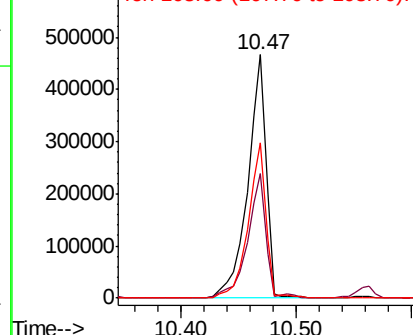


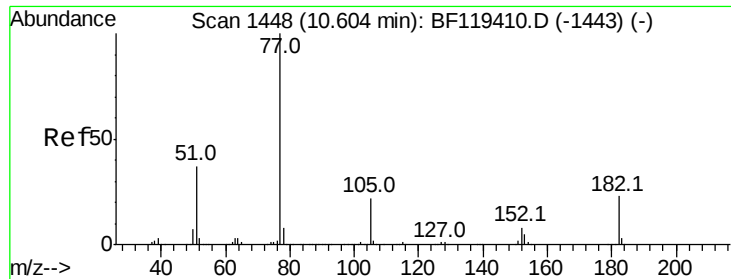
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





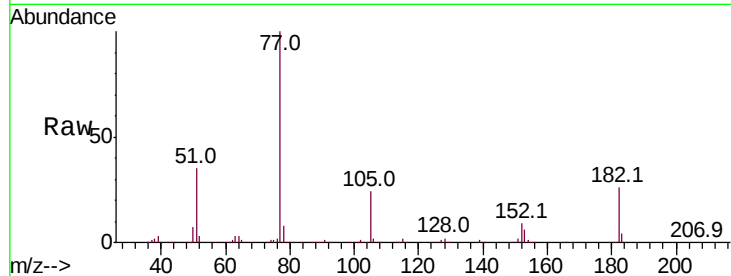
#63
Azobenzene
Concen: 44.745 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Instrument :
BNA_F
ClientSampleId :
PB127713BS

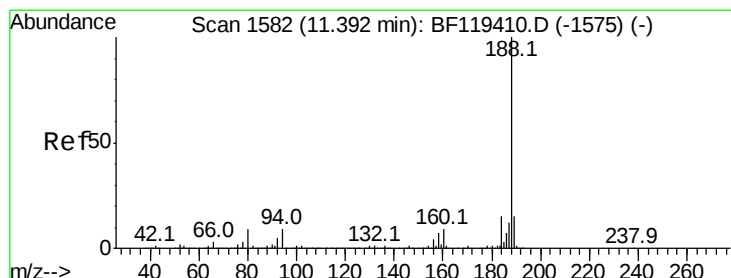
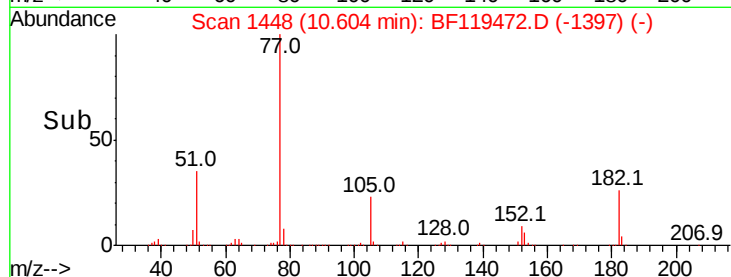
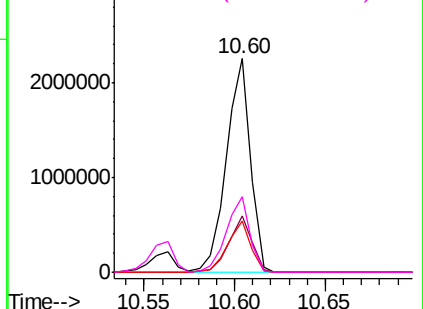
Tot Ion: 77 Resp: 2074740
Ion Ratio Lower Upper
77 100
182 26.2 2.5 42.5
105 23.8 2.5 42.5
51 35.2 17.1 57.1

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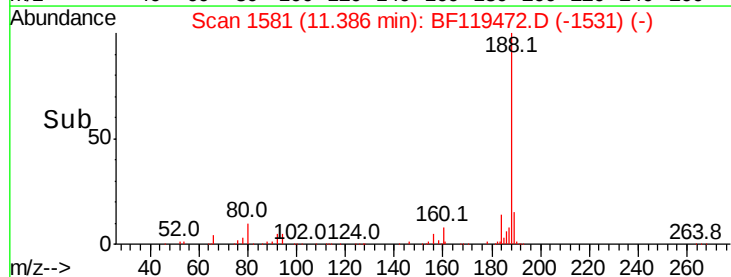
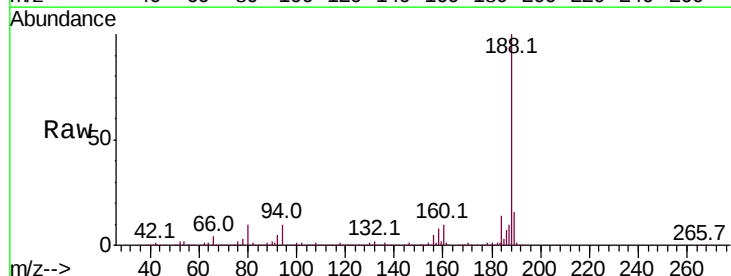
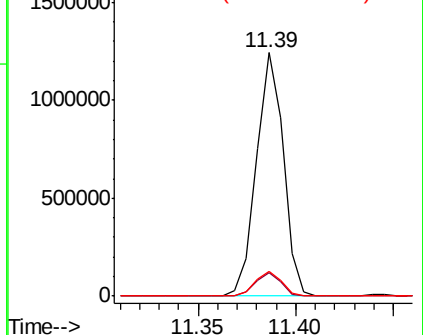
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

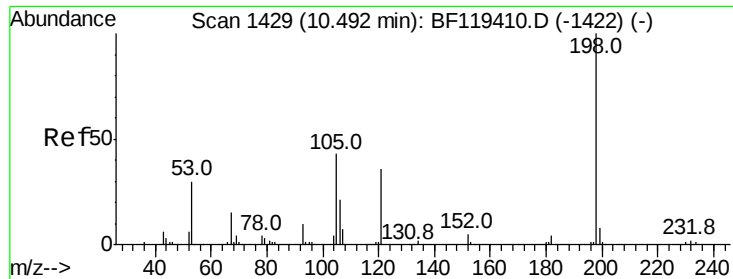


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Tgt Ion: 188 Resp: 1191082
Ion Ratio Lower Upper
188 100
94 9.7 7.1 10.7
80 10.2 7.5 11.3

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





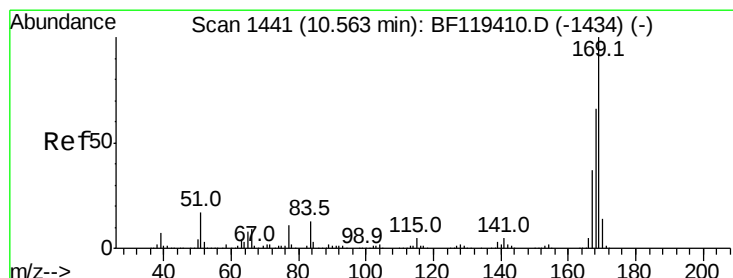
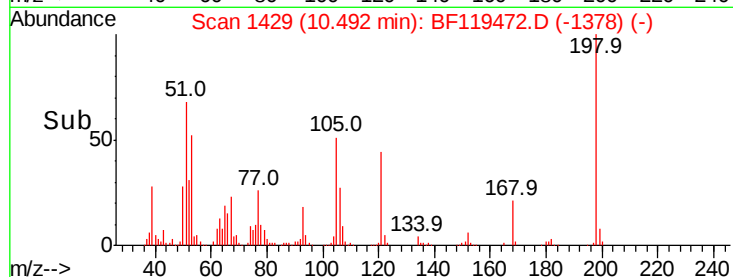
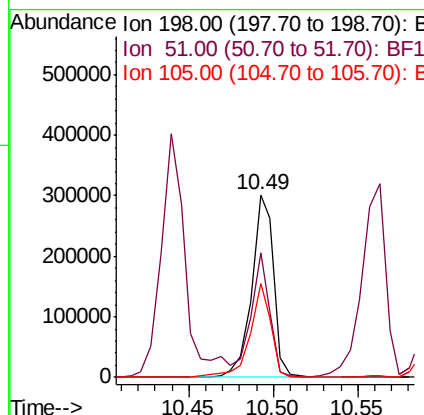
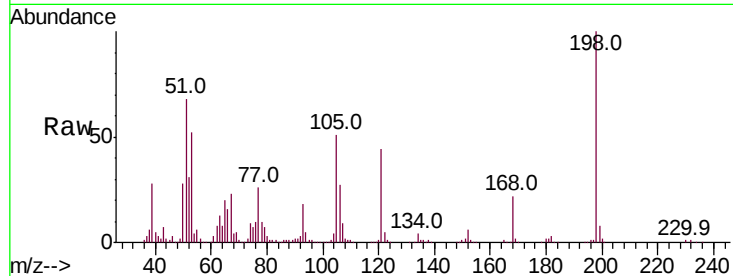
#65
4,6-Dinitro-2-methylphenol
Concen: 54.821 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Instrument :
BNA_F
ClientSampleId :
PB127713BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	68.0	33.1	73.1
105	51.3	24.1	64.1

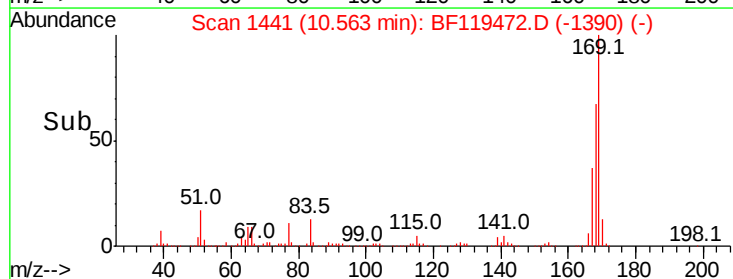
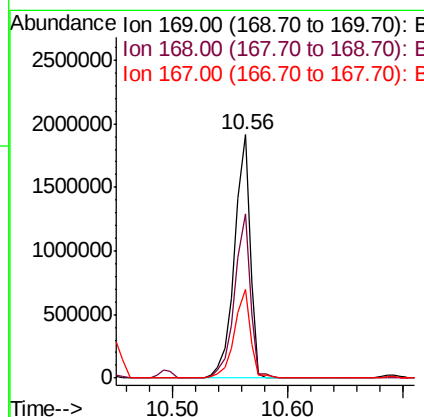
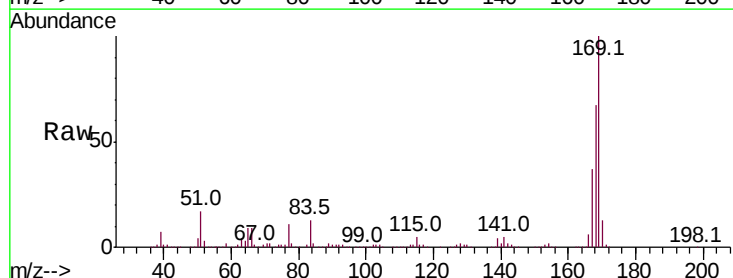
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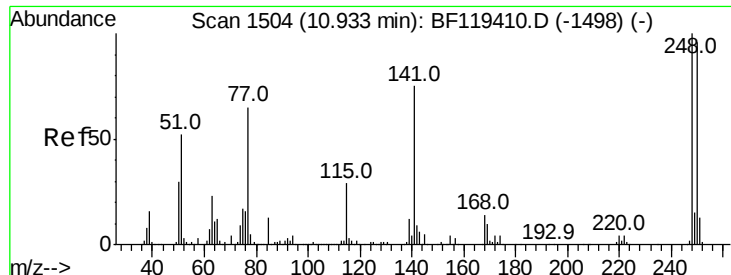
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#66
n-Nitrosodiphenylamine
Concen: 45.928 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.3	52.7	79.1
167	36.7	29.3	43.9





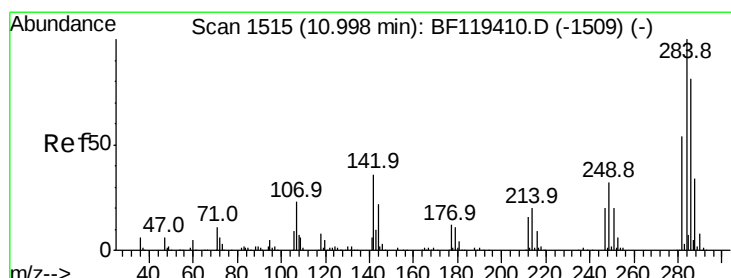
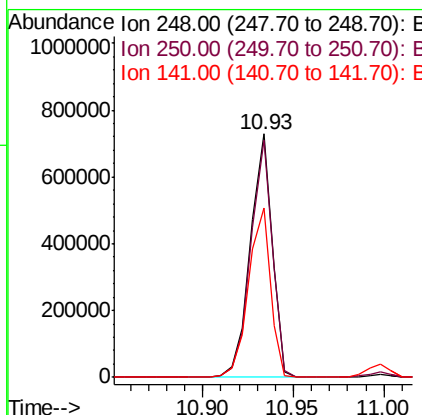
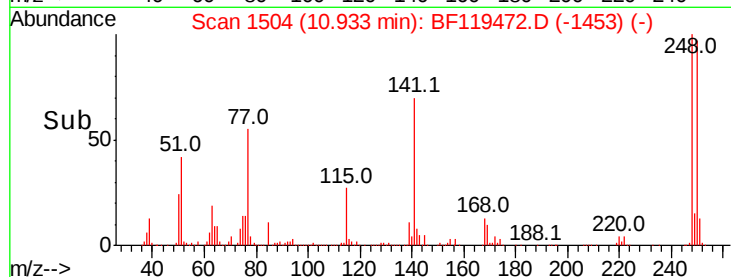
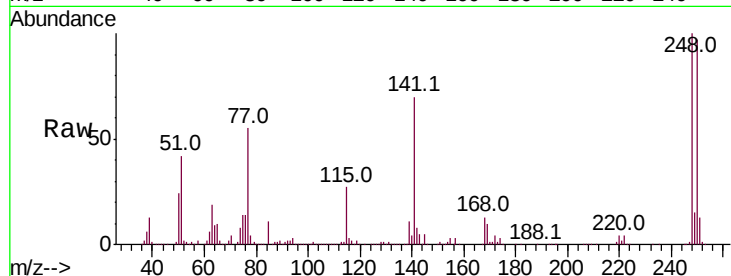
#67
4-Bromophenyl-phenylether
Concen: 45.125 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Instrument :
BNA_F
ClientSampled :
PB127713BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.0	115.6
141	69.6	59.7	89.5

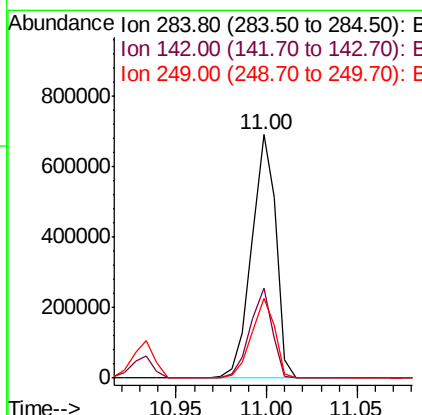
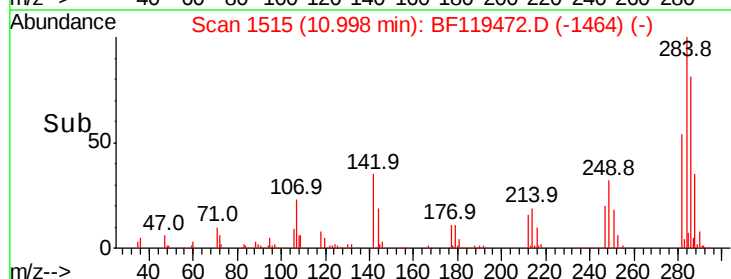
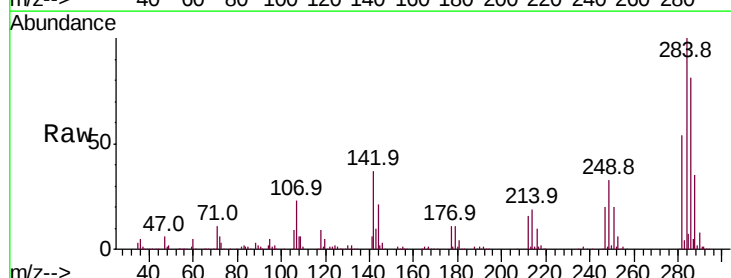
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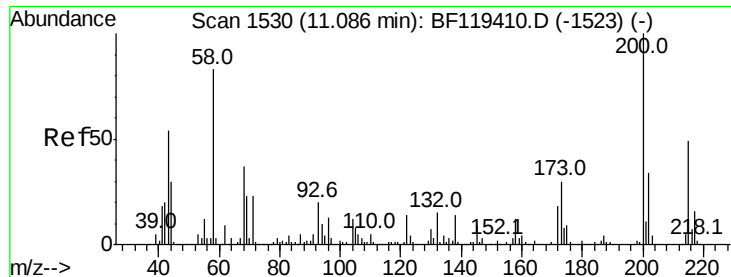
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#68
Hexachlorobenzene
Concen: 46.155 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.0	28.7	43.1
249	32.6	25.4	38.0





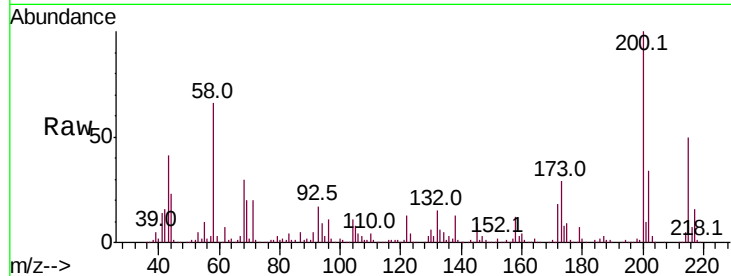
#69
Atrazine
Concen: 51.525 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Instrument :
BNA_F
ClientSampleId :
PB127713BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.6	9.9	49.9
215	50.0	29.4	69.4

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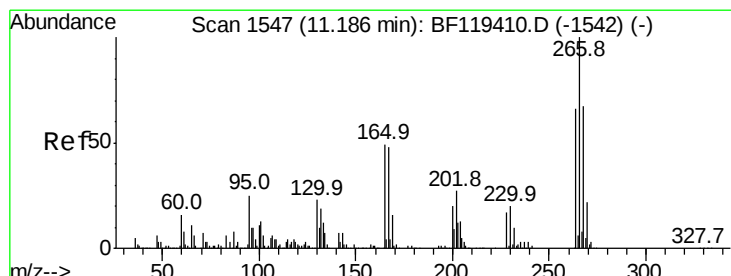
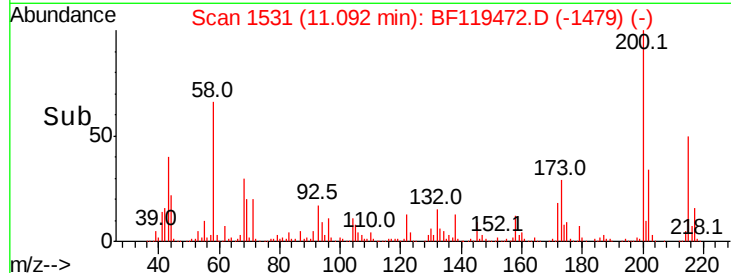
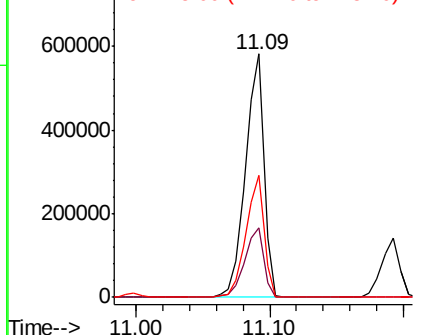


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 86.978 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.01 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

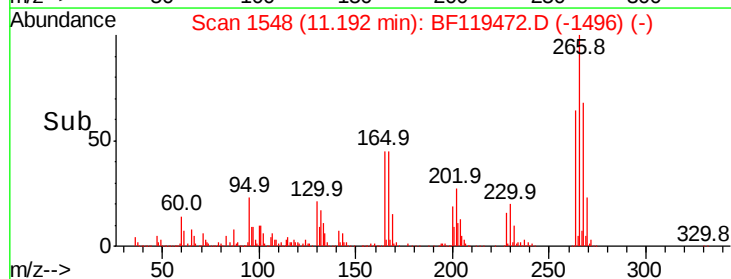
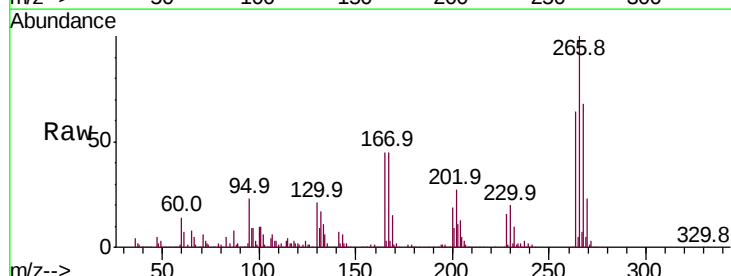
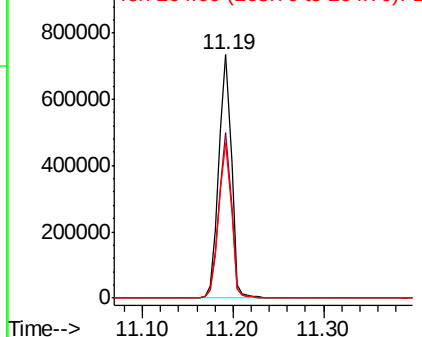
Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	68.0	53.7	80.5
264	63.5	52.5	78.7

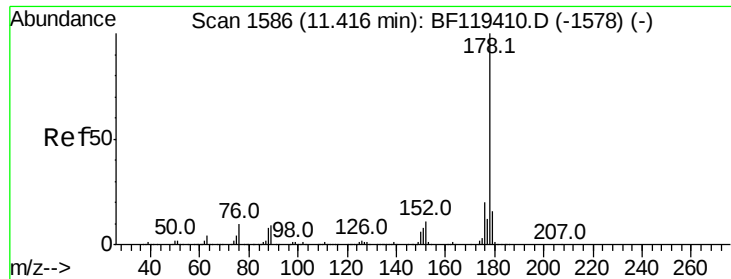
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





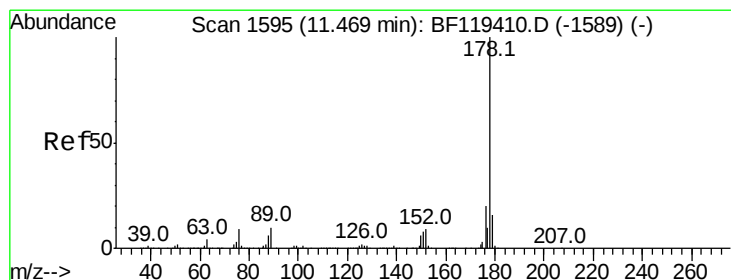
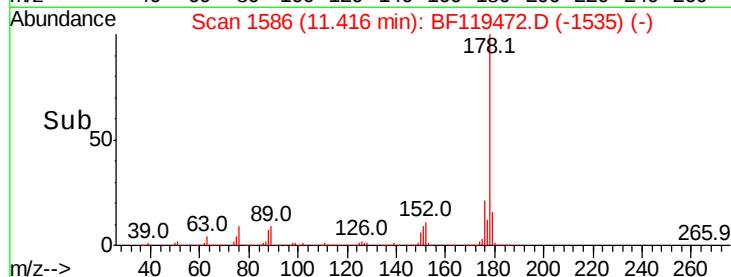
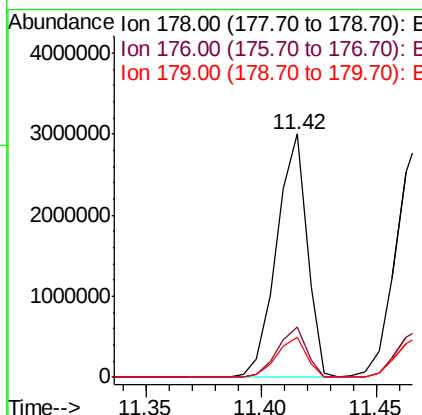
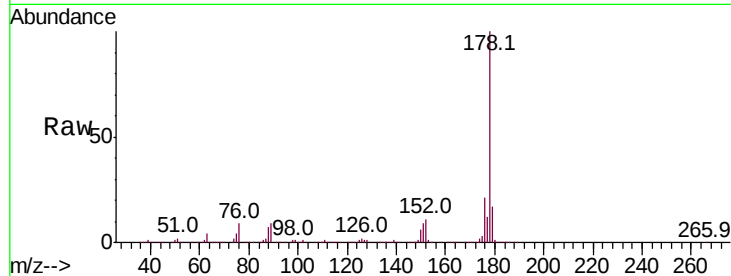
#71
Phenanthrene
Concen: 44.537 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Instrument :
BNA_F
ClientSampleId :
PB127713BS

Tot Ion:178 Resp: 2750644
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.4
179 16.5 12.9 19.3

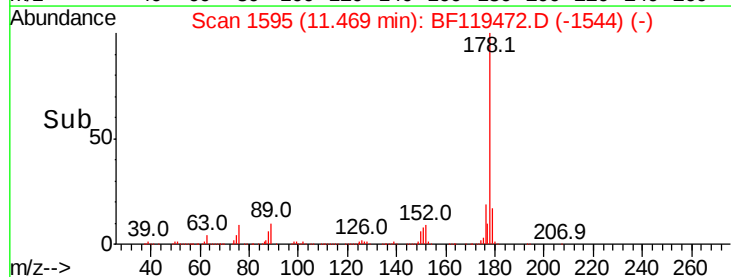
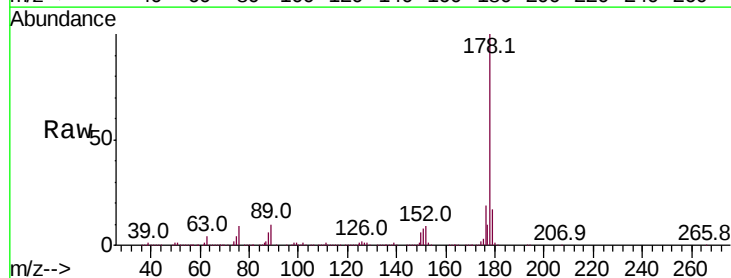
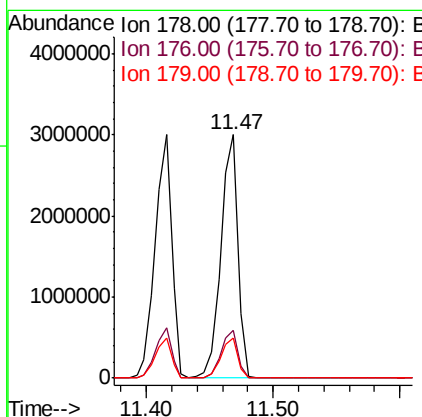
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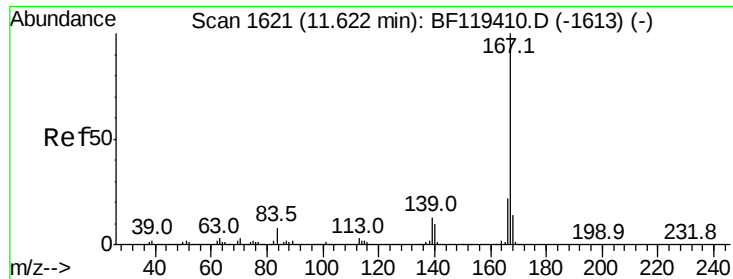
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#72
Anthracene
Concen: 45.019 ng
RT: 11.47 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Tgt Ion:178 Resp: 2825812
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 16.6 13.1 19.7





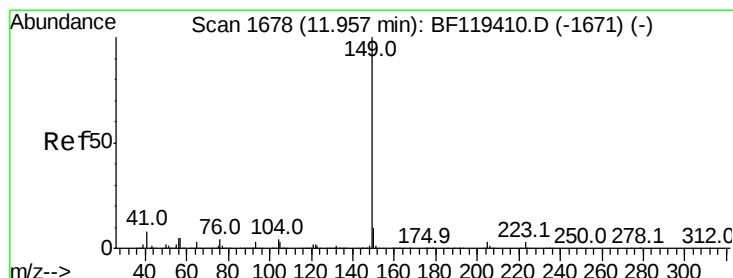
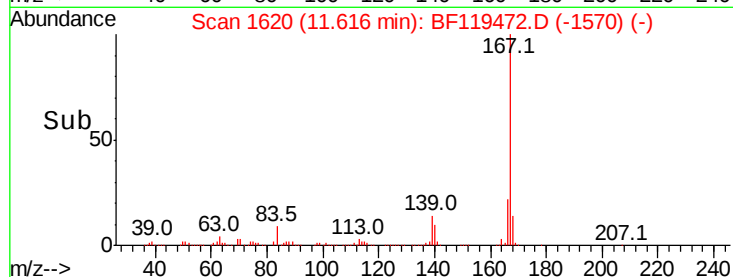
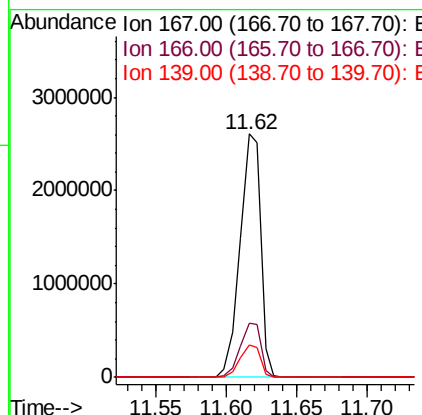
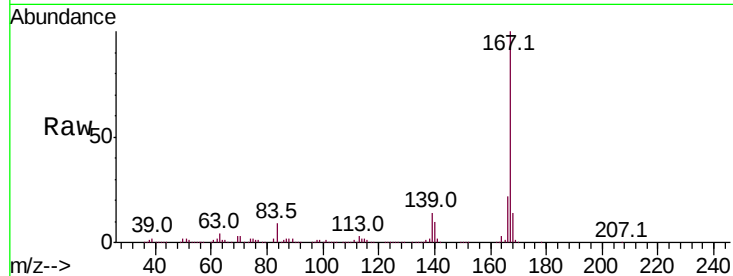
#73
 Carbazole
 Concen: 42.865 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. -0.01 min
 Lab File: BF119472.D
 Acq: 20 Mar 2020 15:13

Instrument :
 BNA_F
 ClientSampleId :
 PB127713BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.8	26.6
139	13.5	10.2	15.4

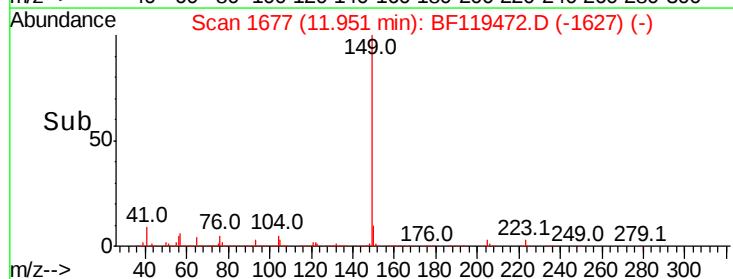
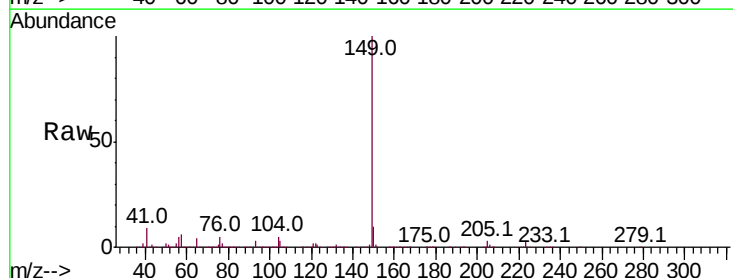
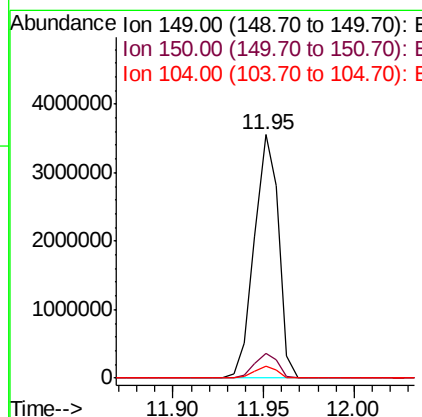
Manual Integrations
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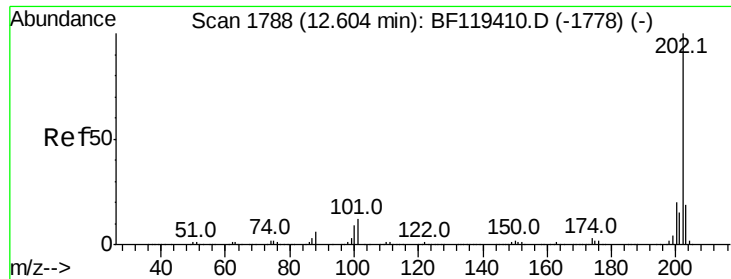
mohammad
 3/23/2020 9:40:43 AM



#74
 Di-n-butylphthalate
 Concen: 49.625 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BF119472.D
 Acq: 20 Mar 2020 15:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.6	11.4
104	5.1	3.5	5.3





#75

Fluoranthene

Concen: 42.576 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BF119472.D

Acq: 20 Mar 2020 15:13

Instrument :

BNA_F

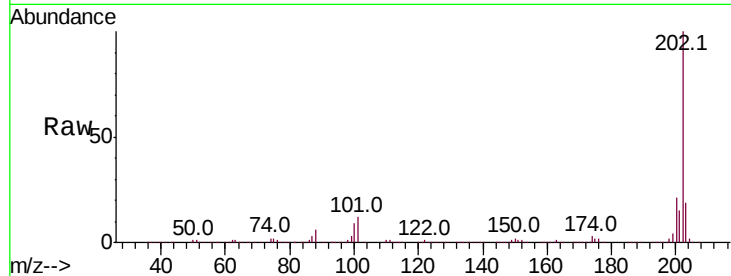
ClientSampleId :

PB127713BS

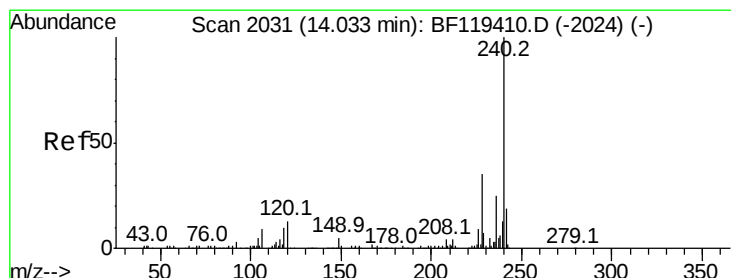
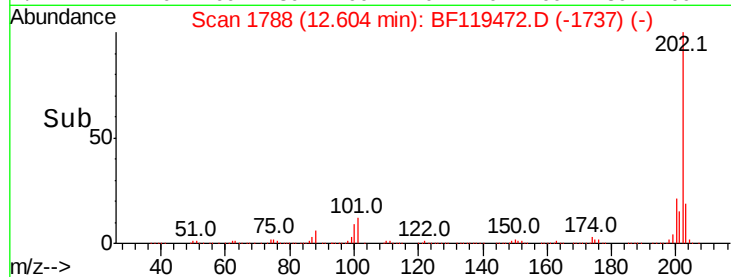
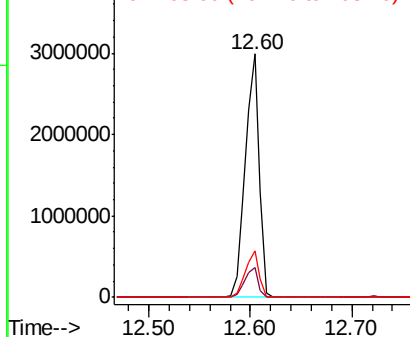
Tot Ion:	202	Resp:	2845755
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	32.4
203	18.9	0.0	38.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

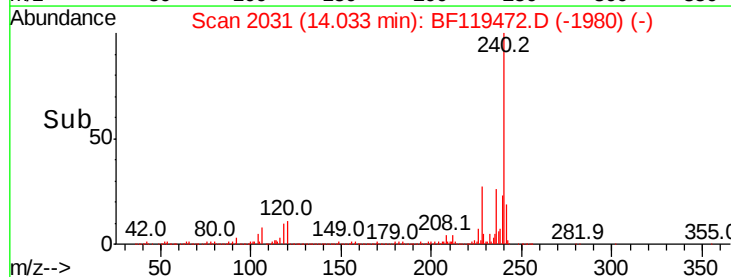
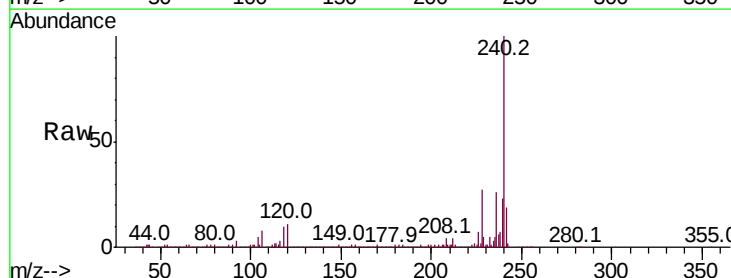
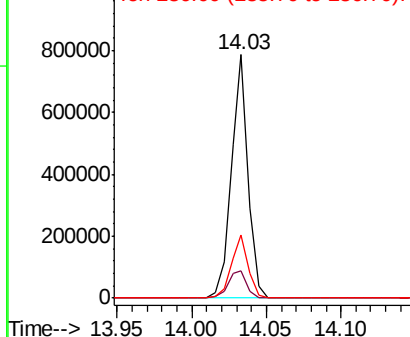
Delta R.T. 0.00 min

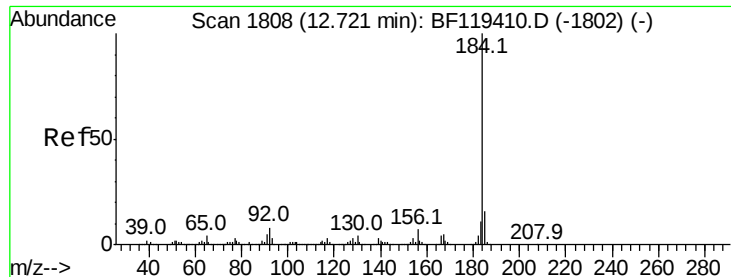
Lab File: BF119472.D

Acq: 20 Mar 2020 15:13

Tgt Ion:	240	Resp:	621142
Ion Ratio	Lower	Upper	
240	100		
120	11.1	10.2	15.4
236	25.9	20.4	30.6

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 72.535 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BF119472.D

Acq: 20 Mar 2020 15:13

Instrument :

BNA_F

ClientSampleId :

PB127713BS

Tot Ion:184 Resp: 1906705

Ion Ratio Lower Upper

184 100

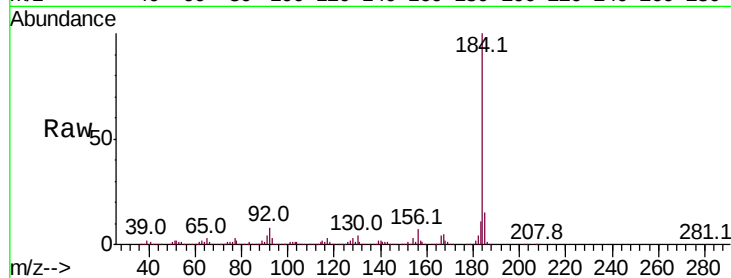
185 15.2 12.9 19.3

183 11.3 9.0 13.4

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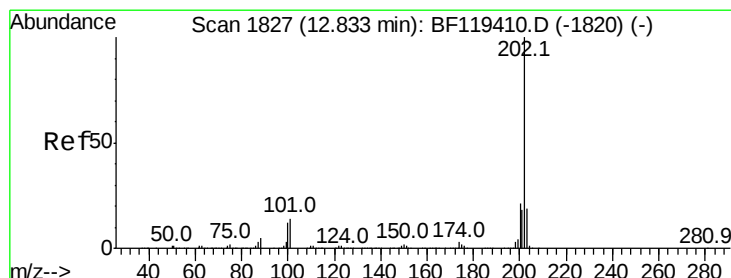
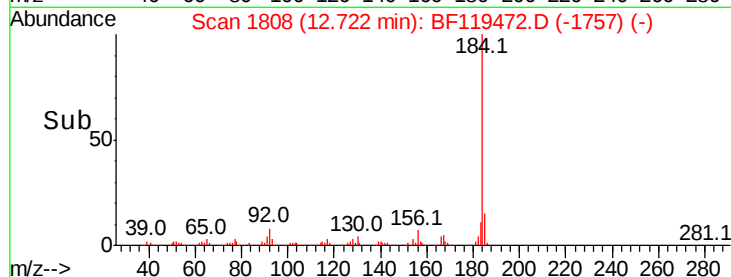
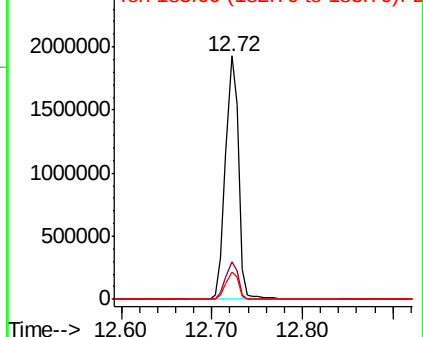


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 55.105 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF119472.D

Acq: 20 Mar 2020 15:13

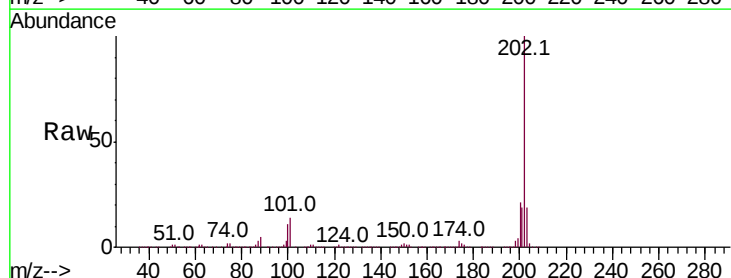
Tgt Ion:202 Resp: 2809038

Ion Ratio Lower Upper

202 100

200 21.4 16.8 25.2

203 19.1 14.8 22.2

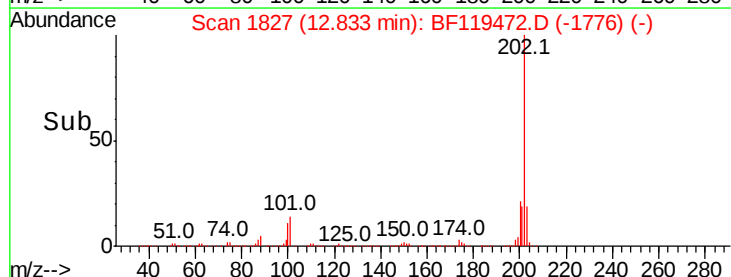
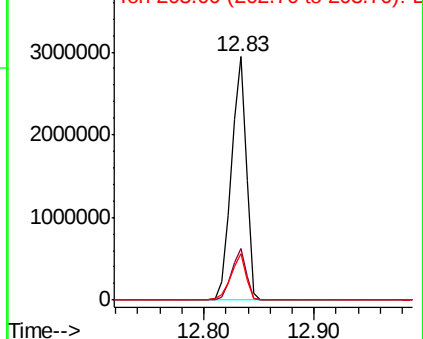


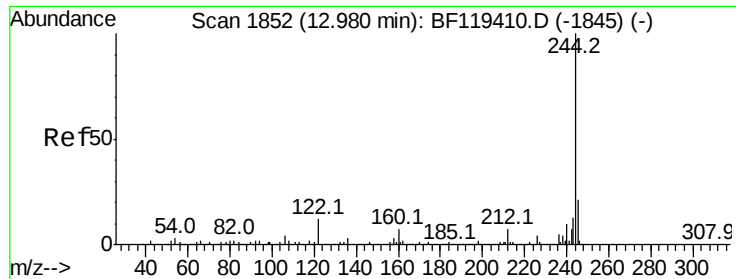
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 109.810 ng

RT: 12.98 min Scan# 1852

Delta R.T. 0.00 min

Lab File: BF119472.D

Acq: 20 Mar 2020 15:13

Instrument :

BNA_F

ClientSampleId :

PB127713BS

Tot Ion:244 Resp: 3481385

Ion Ratio Lower Upper

244 100

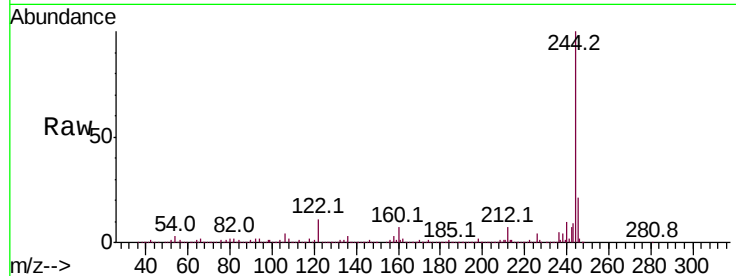
212 7.0 5.7 8.5

122 11.3 9.8 14.8

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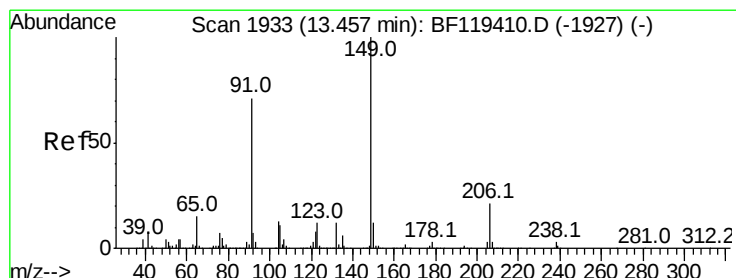
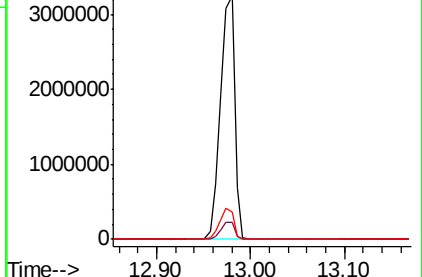
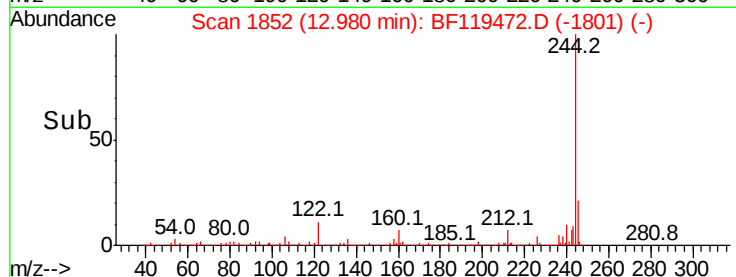
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 65.000 ng

RT: 13.45 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BF119472.D

Acq: 20 Mar 2020 15:13

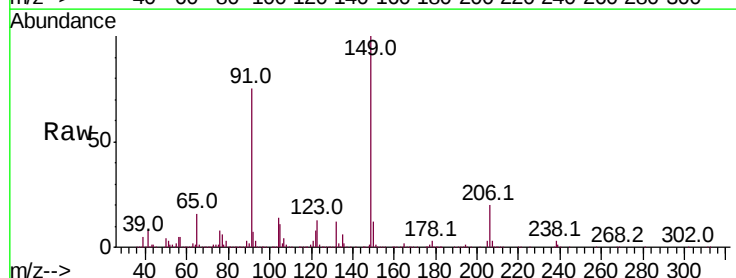
Tgt Ion:149 Resp: 1340154

Ion Ratio Lower Upper

149 100

91 75.1 57.0 85.6

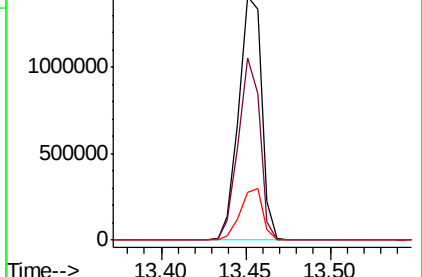
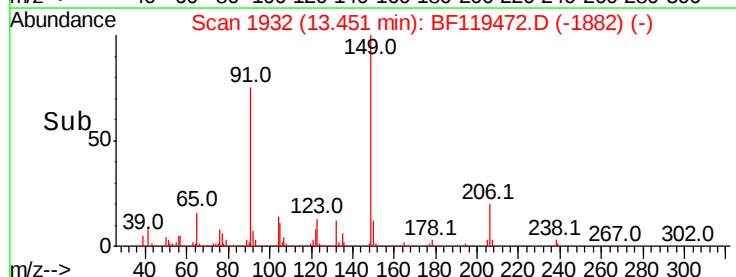
206 19.7 16.4 24.6

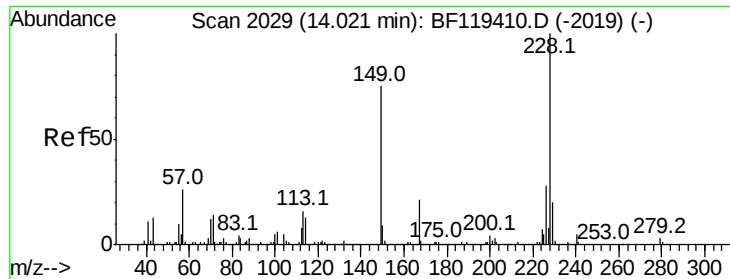


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





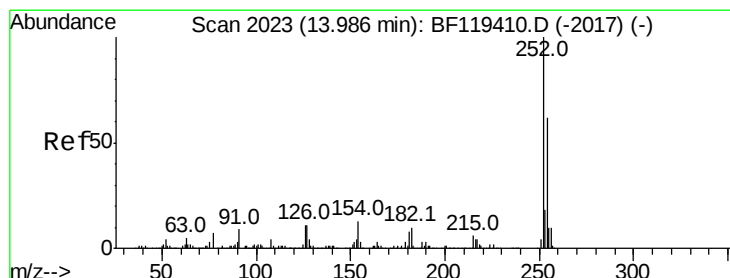
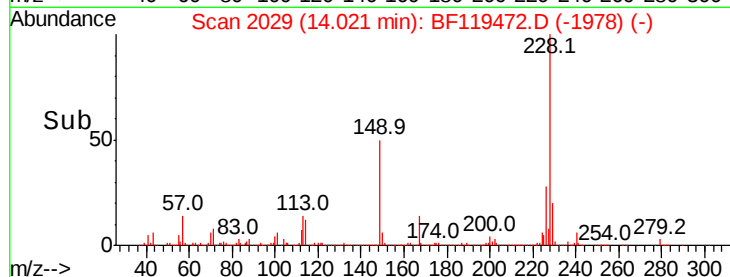
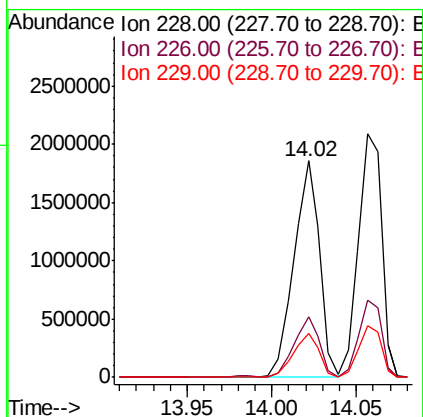
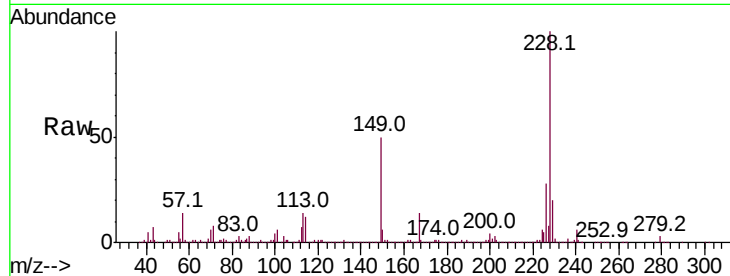
#81
Benzo(a)anthracene
Concen: 48.489 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Instrument :
BNA_F
ClientSampleId :
PB127713BS

Tot Ion:228 Resp: 1958563
Ion Ratio Lower Upper
228 100
226 27.8 22.3 33.5
229 20.1 16.3 24.5

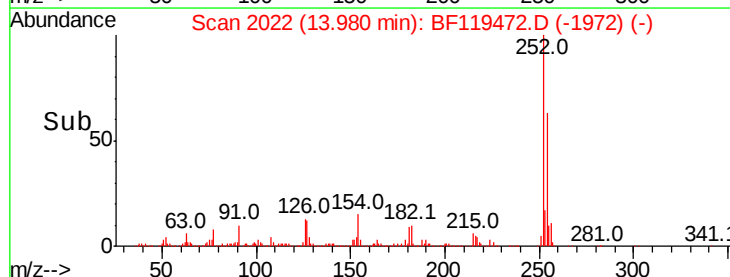
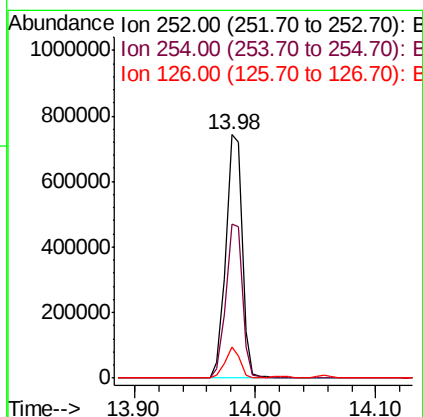
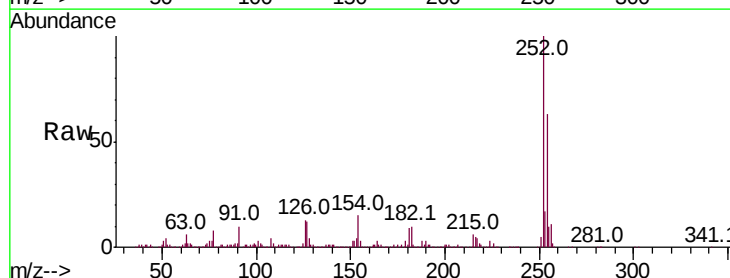
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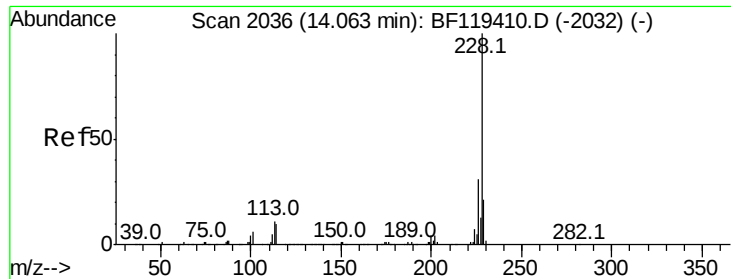
mohammad
3/23/2020 9:40:43 AM



#82
3,3'-Dichlorobenzidine
Concen: 44.321 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Tgt Ion:252 Resp: 705855
Ion Ratio Lower Upper
252 100
254 63.1 49.8 74.8
126 13.0 8.9 13.3





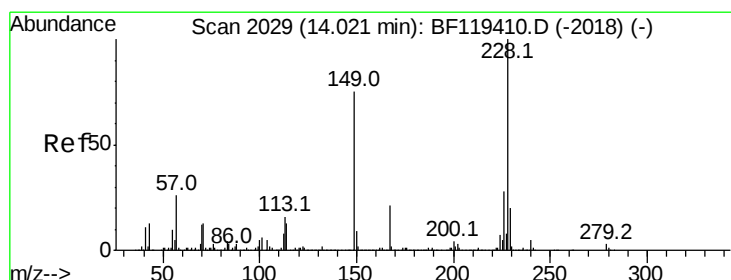
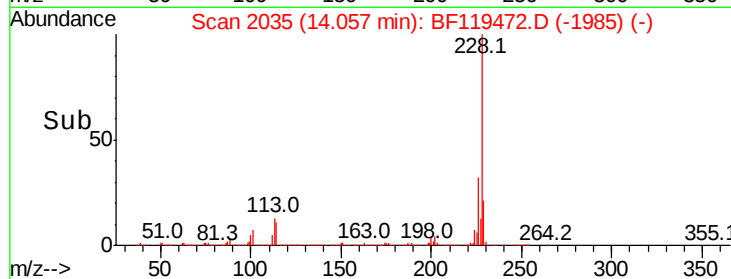
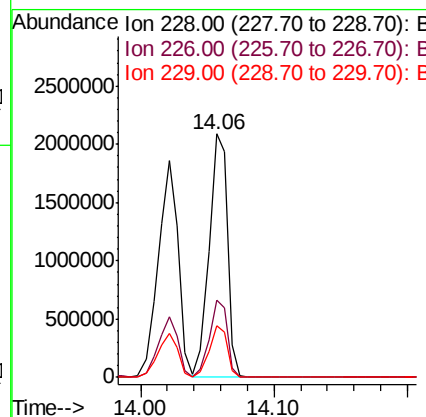
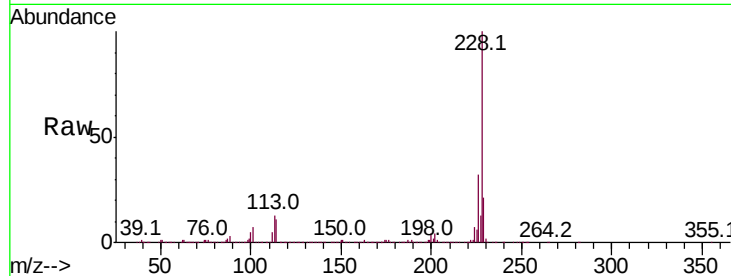
#83
Chrysene
Concen: 47.950 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Instrument :
BNA_F
ClientSampleId :
PB127713BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.8	37.2
229	21.4	16.6	25.0

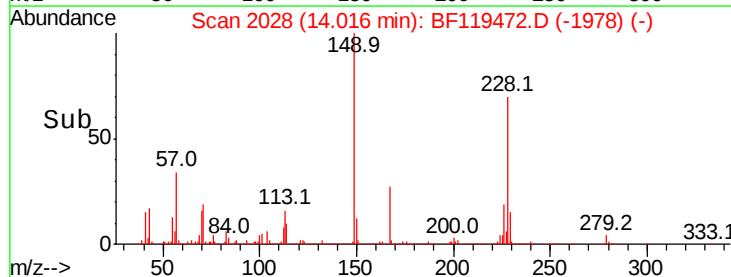
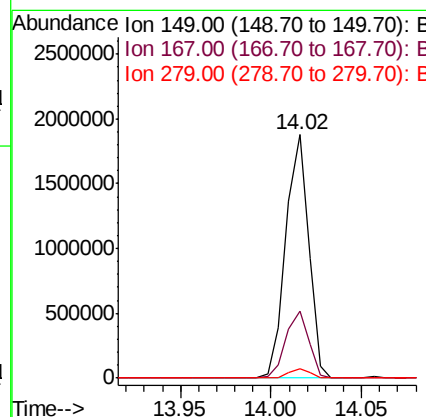
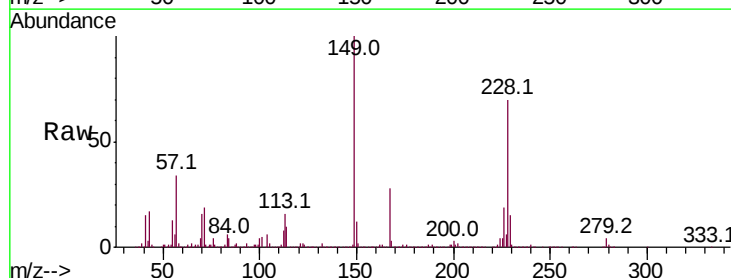
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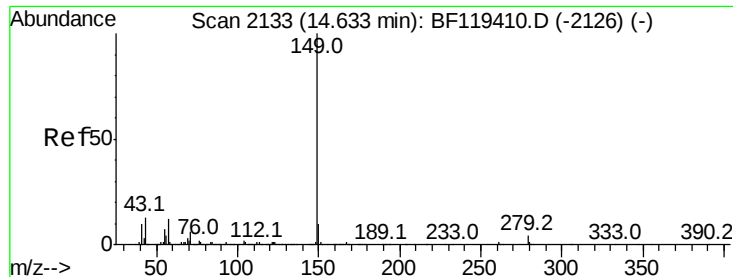
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 67.414 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.0	33.0
279	3.7	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 62.123 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF119472.D

Acq: 20 Mar 2020 15:13

Instrument :

BNA_F

ClientSampleId :

PB127713BS

Tot Ion:149 Resp: 2685288

Ion Ratio Lower Upper

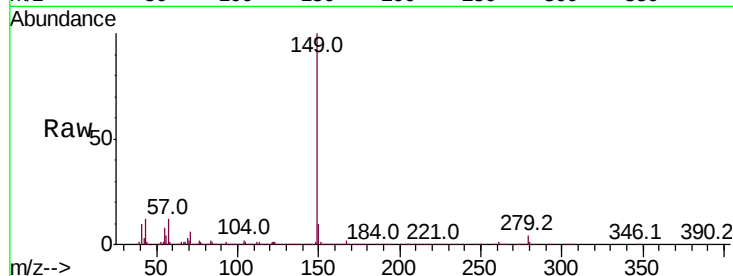
149 100

167 1.6 1.1 1.7

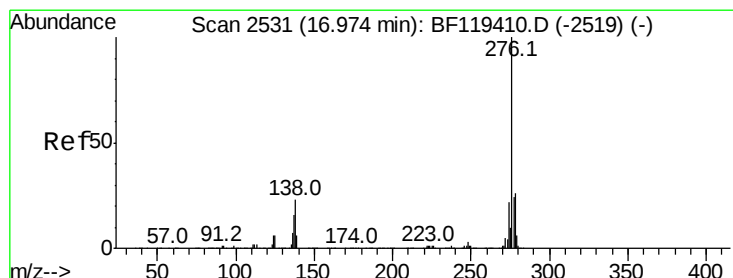
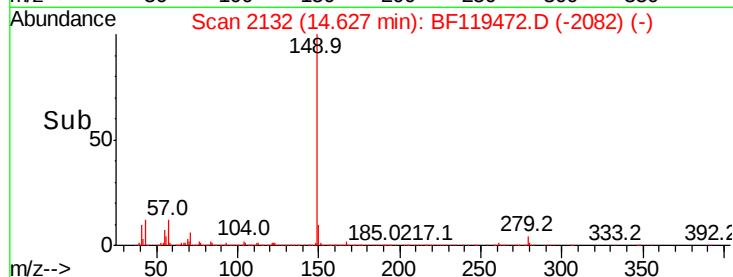
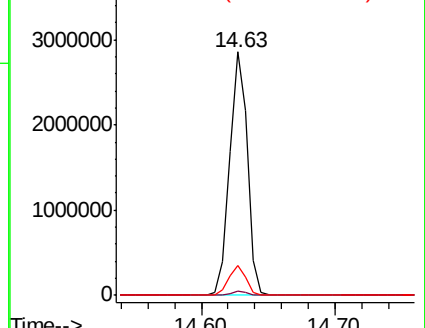
43 11.8 10.1 15.1

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3/23/2020 9:40:43 AM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 61.468 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.01 min

Lab File: BF119472.D

Acq: 20 Mar 2020 15:13

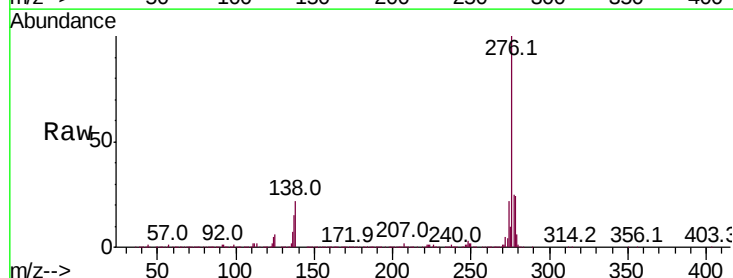
Tgt Ion:276 Resp: 2413257

Ion Ratio Lower Upper

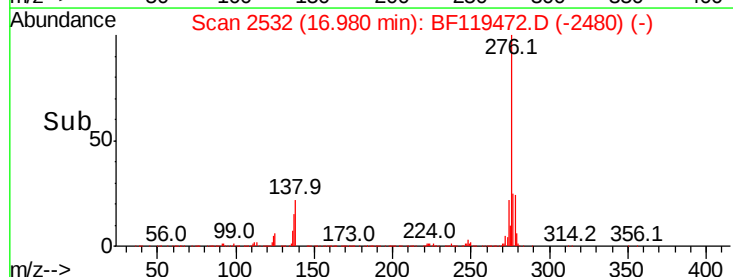
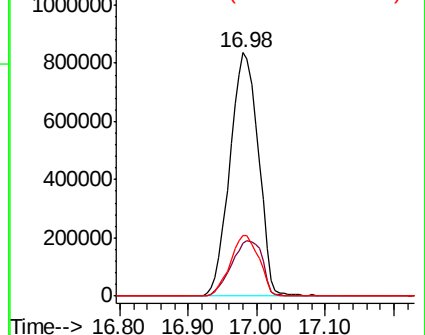
276 100

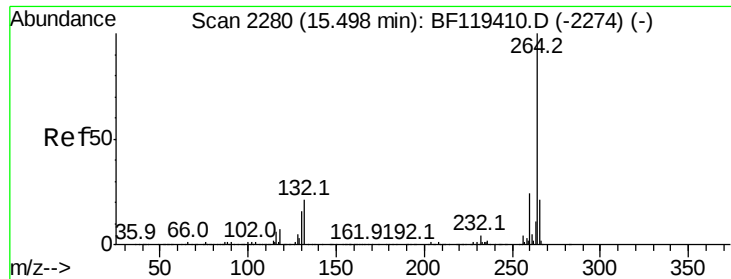
138 24.8 21.3 31.9

277 25.4 20.2 30.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





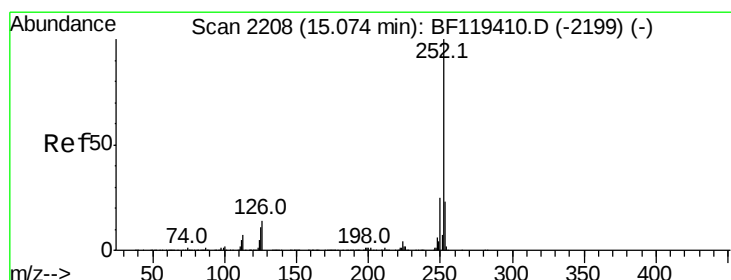
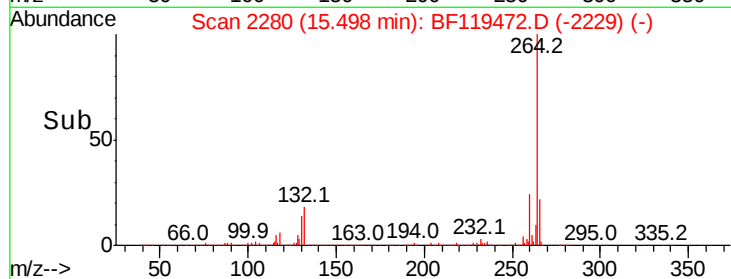
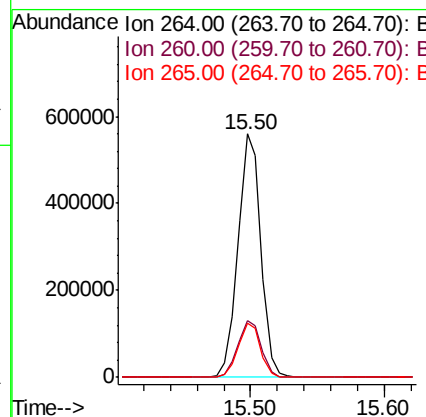
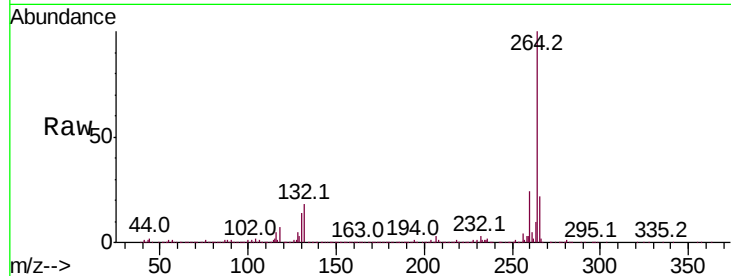
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Instrument :
BNA_F
ClientSampleId :
PB127713BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.2	16.9	25.3

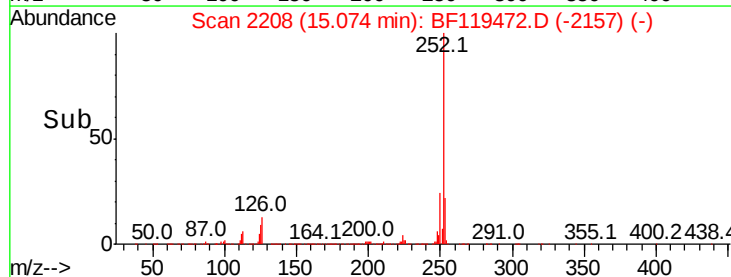
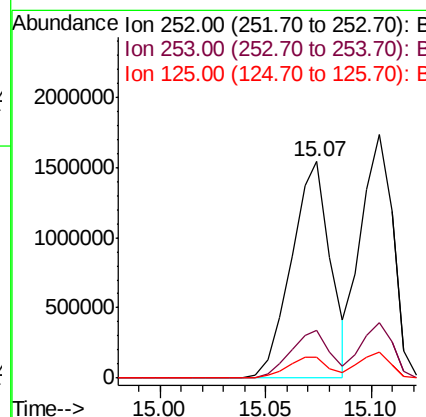
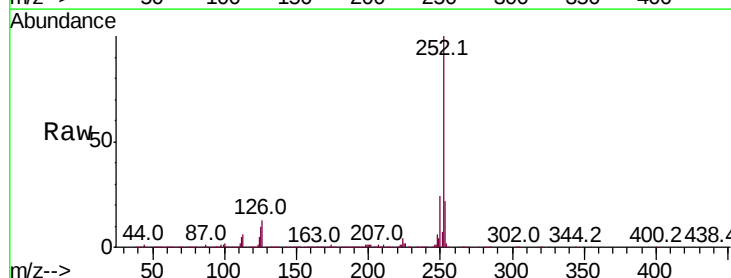
Manual Integrations
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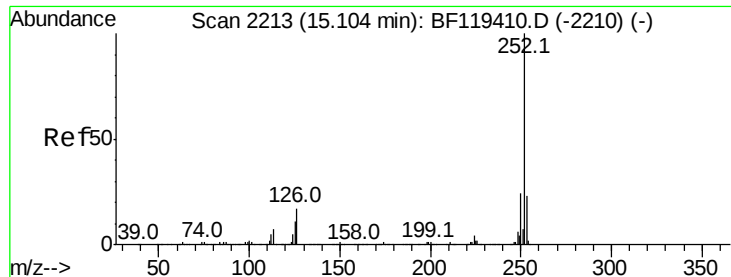
mohammad
3/23/2020 9:40:43 AM



#88
Benzo(b)fluoranthene
Concen: 44.397 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	9.5	8.8	13.2





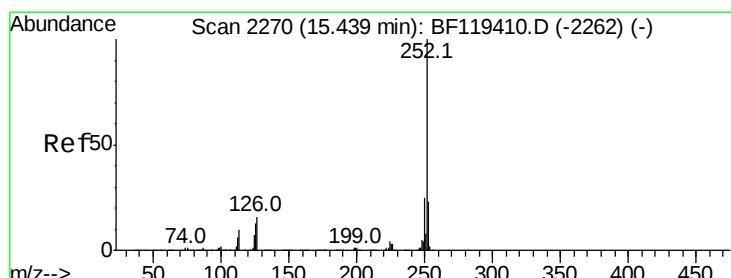
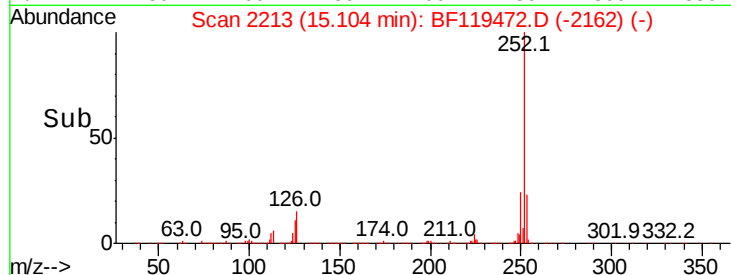
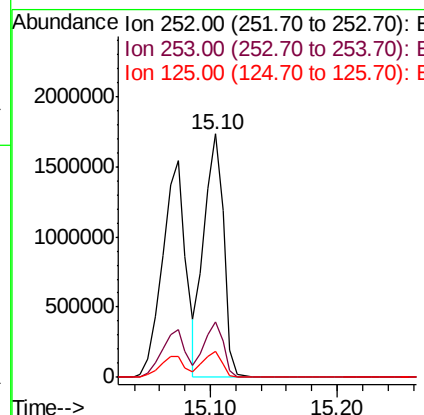
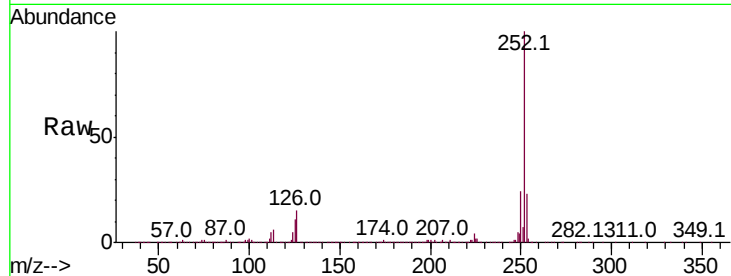
#89
Benzo(k)fluoranthene
Concen: 43.555 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.00 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Instrument :
BNA_F
ClientSampleId :
PB127713BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	10.6	9.0	13.4

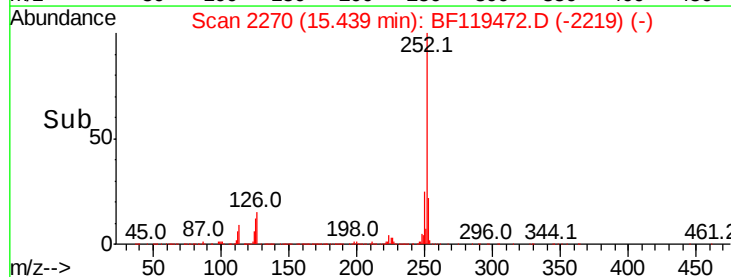
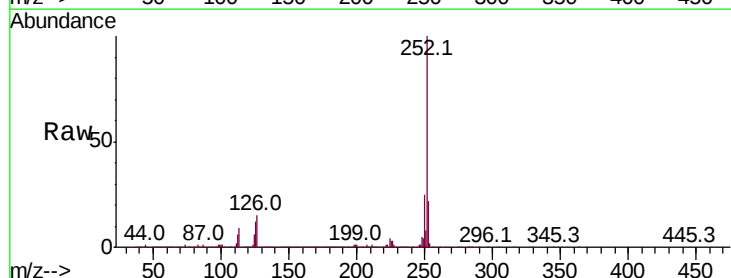
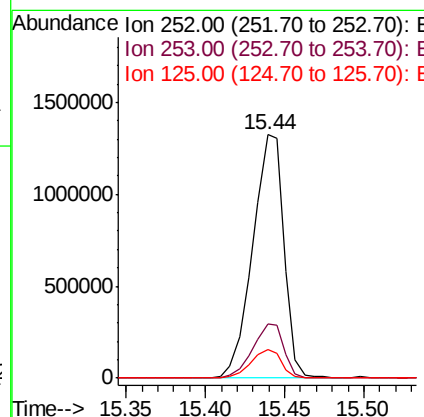
Manual Integrations
APPROVED

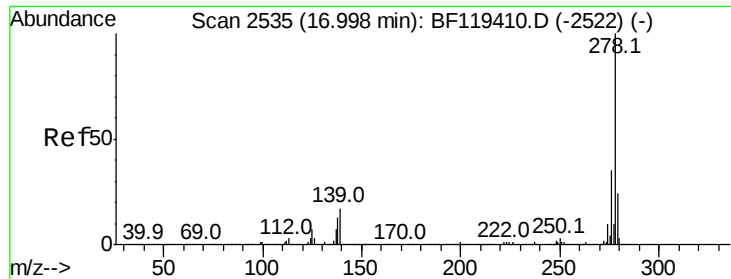
mohammad
3/23/2020 9:40:43 AM



#90
Benzo(a)pyrene
Concen: 44.568 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	11.6	10.2	15.2





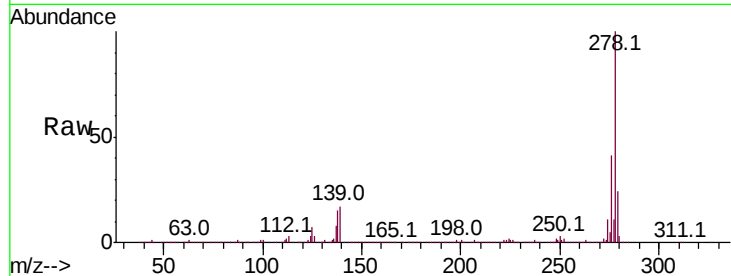
#91
Dibenzo(a,h)anthracene
Concen: 54.669 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.01 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Instrument :
BNA_F
ClientSampleId :
PB127713BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.7	20.5
279	24.3	19.2	28.8

Manual Integrations
APPROVED

mohammad
3/23/2020 9:40:43 AM

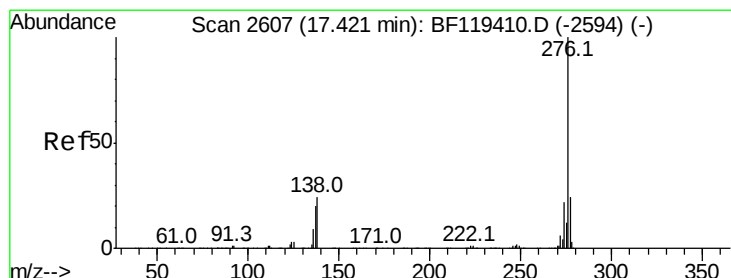
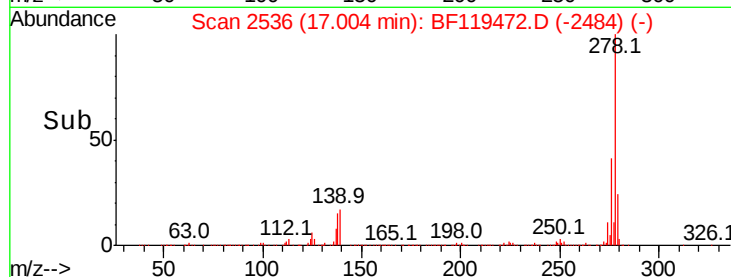
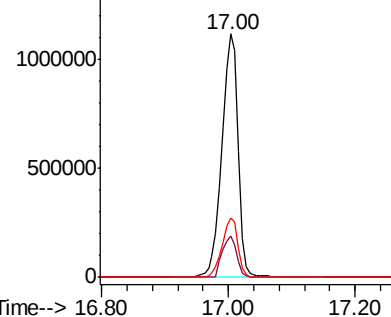


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 58.217 ng
RT: 17.43 min Scan# 2609
Delta R.T. 0.01 min
Lab File: BF119472.D
Acq: 20 Mar 2020 15:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	21.8	19.1	28.7

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

