

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
 Data File : BF119496.D
 Acq On : 24 Mar 2020 20:10
 Operator : CG/JU
 Sample : PB127730BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127730BS

Manual Integrations
 APPROVED

mohammad
 3/25/2020 12:29:45 PM

Quant Time: Mar 25 00:25:30 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	6.84	152	296823	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1146468	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	606432	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1165102	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	859660	20.00	ng	-0.01
87) Perylene-d12	15.49	264	755216	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	2016958	108.17	ng	0.00
7) Phenol-d6	6.47	99	2585079	108.53	ng	0.00
23) Nitrobenzene-d5	7.41	82	1618126	76.71	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	767575	122.69	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	3111610	76.01	ng	-0.01
79) Terphenyl-d14	12.97	244	3578481	81.56	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	282819	30.711	ng	97
3) Pyridine	3.42	79	781601	30.808	ng	98
4) n-Nitrosodimethylamine	3.36	42	434373	35.109	ng	97
6) Aniline	6.50	93	908726	27.643	ng	100
8) 2-Chlorophenol	6.63	128	832491	42.510	ng	99
9) Benzaldehyde	6.39	77	539360	35.696	ng	96
10) Phenol	6.48	94	1017725m	40.044	ng	
11) bis(2-Chloroethyl)ether	6.57	93	785001	38.619	ng	96
12) 1,3-Dichlorobenzene	6.78	146	835608	39.424	ng	99
13) 1,4-Dichlorobenzene	6.86	146	839318	39.590	ng	98
14) 1,2-Dichlorobenzene	7.02	146	788718	39.802	ng	98
15) Benzyl Alcohol	6.98	79	721644	40.277	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1522083	37.124	ng	98
17) 2-Methylphenol	7.09	107	667492	37.201	ng	98
18) Hexachloroethane	7.36	117	323454	41.632	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	573218	39.927	ng	99
20) 3+4-Methylphenols	7.25	107	826648	37.593	ng	# 86
22) Acetophenone	7.25	105	1076806	39.307	ng	# 89
24) Nitrobenzene	7.43	77	868149	38.509	ng	94
25) Isophorone	7.67	82	1599569	37.380	ng	97
26) 2-Nitrophenol	7.75	139	437979	49.342	ng	97
27) 2,4-Dimethylphenol	7.78	122	742539	40.456	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	1018161	40.237	ng	99
29) 2,4-Dichlorophenol	7.99	162	690245	40.929	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	735252	39.422	ng	97
31) Naphthalene	8.15	128	2326882	39.440	ng	100
32) Benzoic acid	7.90	122	586598	49.684	ng	95
33) 4-Chloroaniline	8.19	127	459347	16.991	ng	99
34) Hexachlorobutadiene	8.27	225	424083	40.640	ng	98
35) Caprolactam	8.57	113	224578m	40.689	ng	
36) 4-Chloro-3-methylphenol	8.68	107	749607	40.668	ng	99
37) 2-Methylnaphthalene	8.85	142	1590560	41.078	ng	99
38) 1-Methylnaphthalene	8.95	142	1510932	41.227	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	678555	38.175	ng	98

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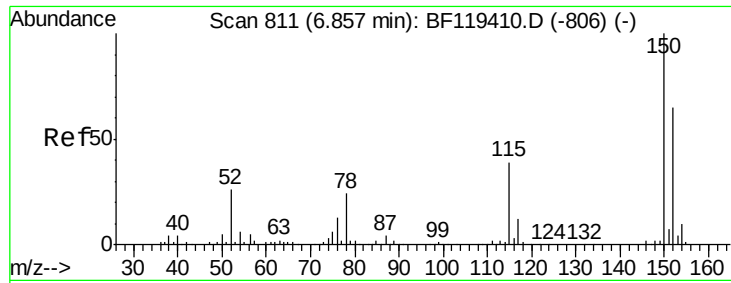
Manual Integrations
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 3/25/2020 12:29:45 PM

Quant Time: Mar 25 00:25:30 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)
41) Hexachlorocyclopentadiene	9.00	237	822247	81.368	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	522260	41.058	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	537987	37.755	nq	97
46) 1,1'-Biphenyl	9.31	154	1923234	38.939	nq	99
47) 2-Chloronaphthalene	9.33	162	1493838	38.612	nq	97
48) 2-Nitroaniline	9.43	65	543298	40.685	nq	99
49) Acenaphthylene	9.75	152	2357311	38.800	nq	99
50) Dimethylphthalate	9.62	163	1749178	40.608	nq	100
51) 2,6-Dinitrotoluene	9.67	165	397226	43.023	nq #	82
52) Acenaphthene	9.93	154	1598983	42.217	nq	100
53) 3-Nitroaniline	9.84	138	263826	22.634	nq	91
54) 2,4-Dinitrophenol	9.95	184	355476	88.162	nq	96
55) Dibenzofuran	10.10	168	2129863	39.221	nq	99
56) 4-Nitrophenol	10.00	139	711121	77.335	nq	89
57) 2,4-Dinitrotoluene	10.07	165	533685	45.885	nq	90
58) Fluorene	10.44	166	1622610	40.407	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	464998	43.656	nq	99
60) Diethylphthalate	10.32	149	1842682	42.149	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	794049	40.436	nq	99
62) 4-Nitroaniline	10.46	138	411721	36.834	nq	99
63) Azobenzene	10.59	77	1751544	39.785	nq	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	250326	51.238	nq	88
66) n-Nitrosodiphenylamine	10.55	169	1519924	39.738	nq	98
67) 4-Bromophenyl-phenylether	10.92	248	520342	39.215	nq	97
68) Hexachlorobenzene	10.99	284	566042	41.680	nq	98
69) Atrazine	11.08	200	478299	45.614	nq	99
70) Pentachlorophenol	11.18	266	633467	79.551	nq	99
71) Phenanthrene	11.40	178	2372406	39.269	nq	99
72) Anthracene	11.46	178	2453517	39.959	nq	100
73) Carbazole	11.61	167	2286123	37.616	nq	99
74) Di-n-butylphthalate	11.95	149	2885000	44.376	nq	99
75) Fluoranthene	12.59	202	2644704	40.450	nq	99
77) Benzidine	12.71	184	1365176	37.524	nq	98
78) Pyrene	12.82	202	2673888	37.900	nq	100
80) Butylbenzylphthalate	13.44	149	1283238	44.971	nq	98
81) Benzo(a)anthracene	14.02	228	2075416	37.126	nq	100
82) 3,3'-Dichlorobenzidine	13.97	252	603857	27.396	nq	96
83) Chrysene	14.05	228	2202926	38.183	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1737049	51.066	nq	99
85) Di-n-octyl phthalate	14.62	149	3082132	51.520	nq	99
86) Indeno(1,2,3-cd)pyrene	16.95	276	1910197	35.155	nq	98
88) Benzo(b)fluoranthene	15.06	252	2109508	41.815	nq	99
89) Benzo(k)fluoranthene	15.09	252	1962276	40.849	nq	99
90) Benzo(a)pyrene	15.43	252	1787030	38.978	nq	98
91) Dibenzo(a,h)anthracene	16.97	278	1615205	40.279	nq	98
92) Benzo(g,h,i)perylene	17.40	276	1576202	39.125	nq	96

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



#1

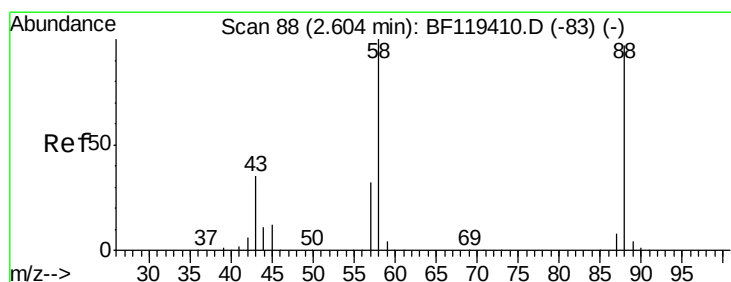
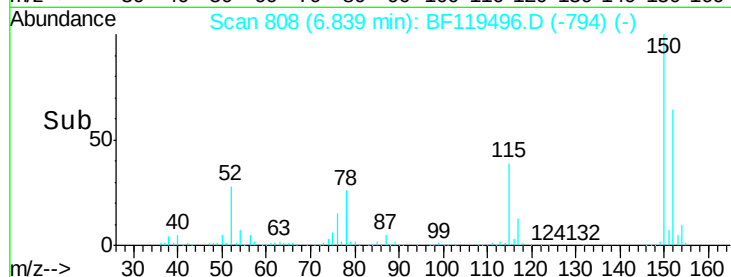
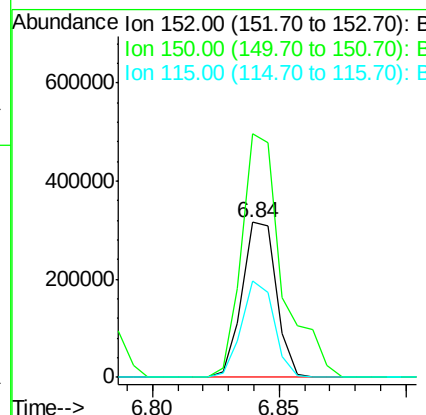
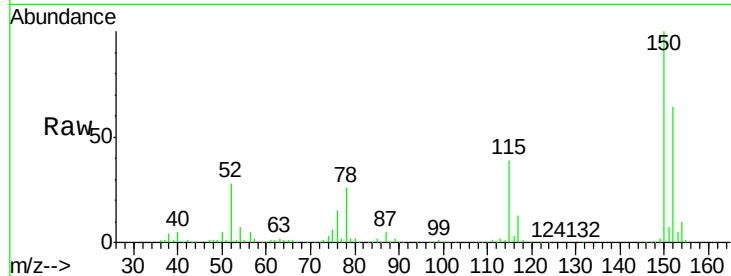
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Instrument :
BNA_F
ClientSampleId :
PB127730BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	123.9	185.9
115	62.0	47.8	71.6

Manual Integrations
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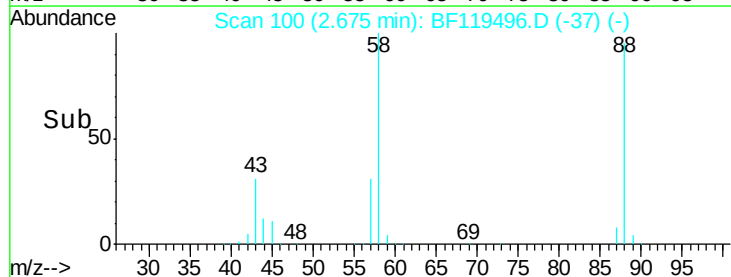
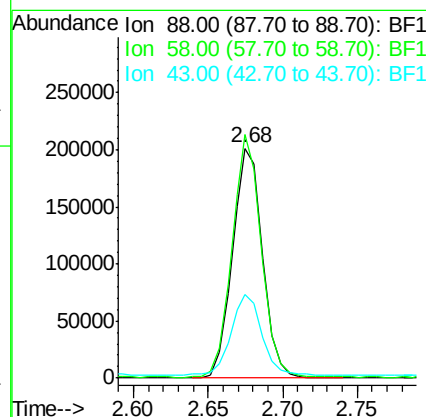
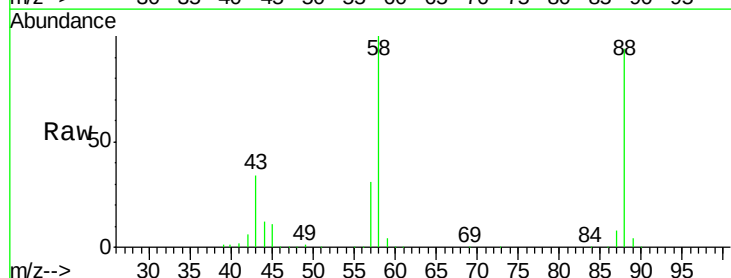
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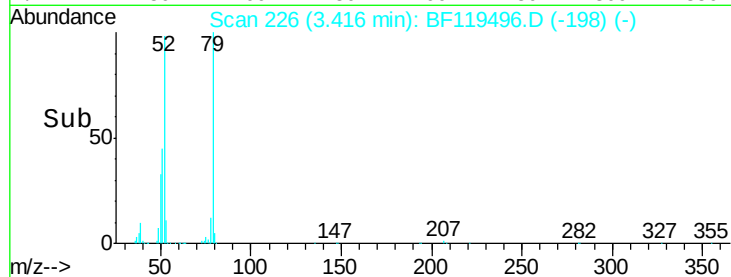
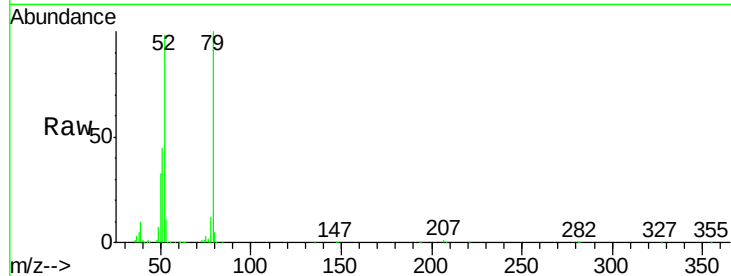
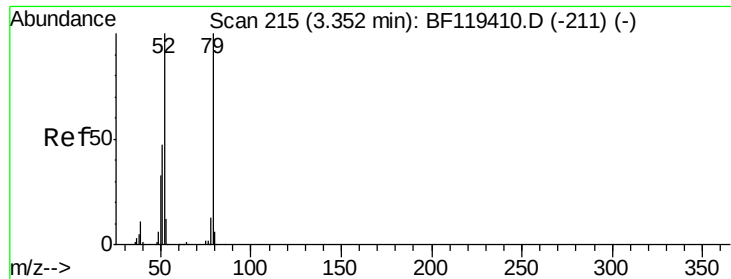


#2

1,4-Dioxane
Concen: 30.711 ng
RT: 2.68 min Scan# 100
Delta R.T. 0.07 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	103.1	79.4	119.2
43	35.4	28.4	42.6





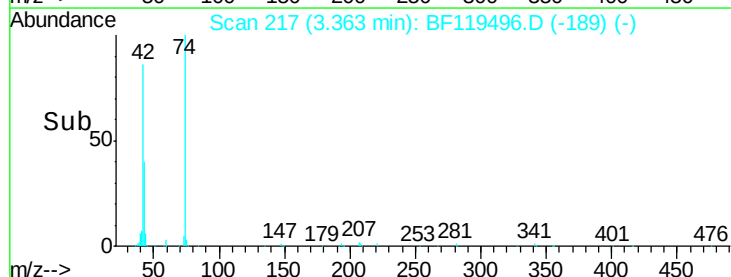
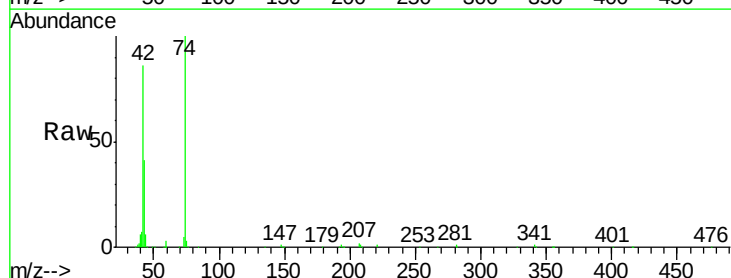
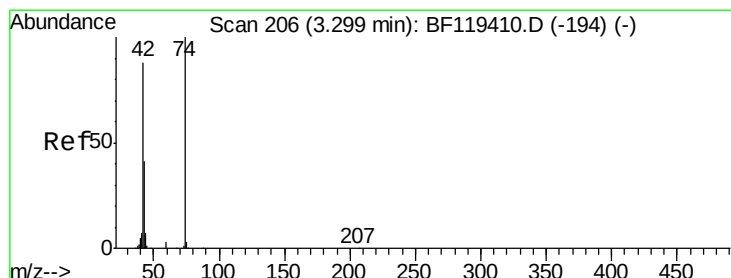
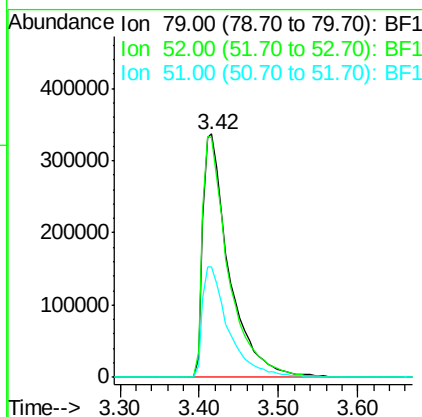
#3
 Pvridine
 Concen: 30.808 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.06 min
 Lab File: BF119496.D
 Acq: 24 Mar 2020 20:10

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100			
52	52	98.3	80.0	120.0	
51	51	45.4	37.9	56.9	

Instrument :
 BNA_F
 ClientSampleId :
 PB127730BS

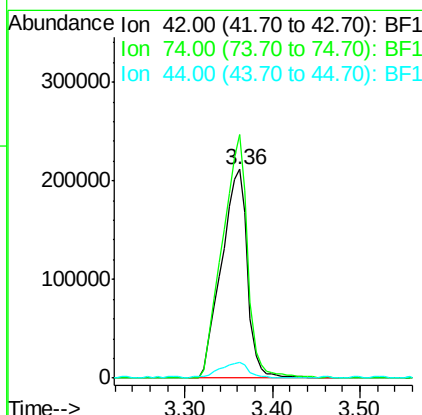
Manual Integrations
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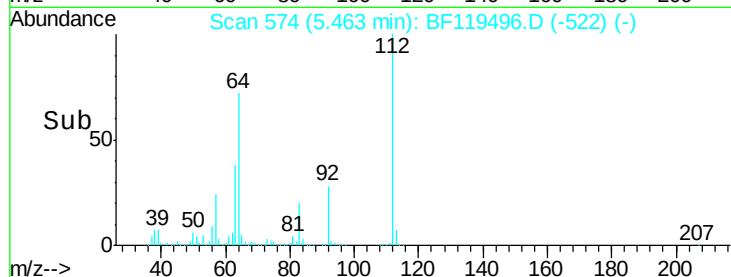
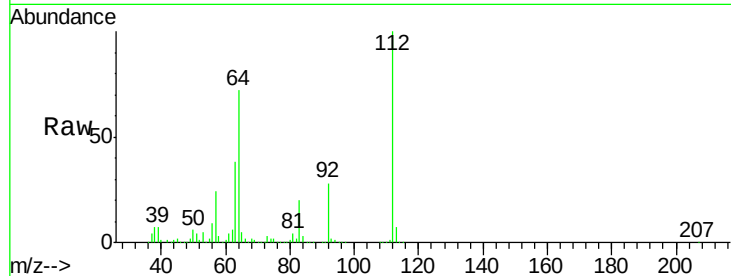
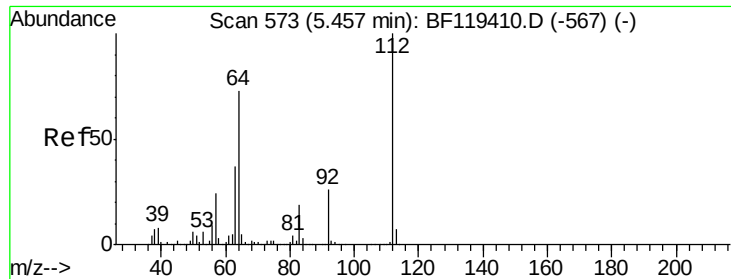
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#4
 n-Nitrosodimethylamine
 Concen: 35.109 ng
 RT: 3.36 min Scan# 217
 Delta R.T. 0.06 min
 Lab File: BF119496.D
 Acq: 24 Mar 2020 20:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100			
74	74	116.7	91.3	136.9	
44	44	7.3	7.1	10.7	





#5

2-Fluorophenol

Concen: 108.172 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Tot Ion:	112	Resp:	2016958
Ion	Ratio	Lower	Upper
112	100		
64	72.3	58.1	87.1
63	37.9	29.7	44.5

Instrument :

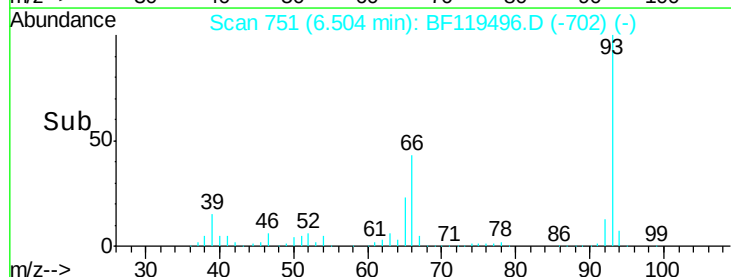
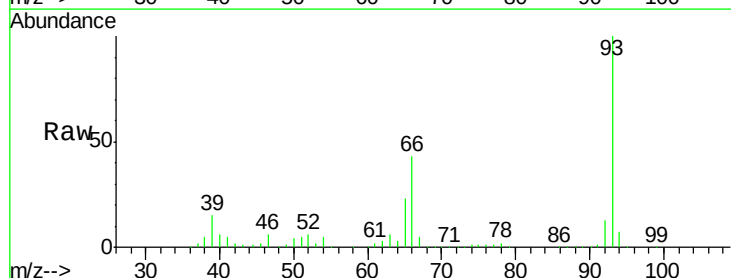
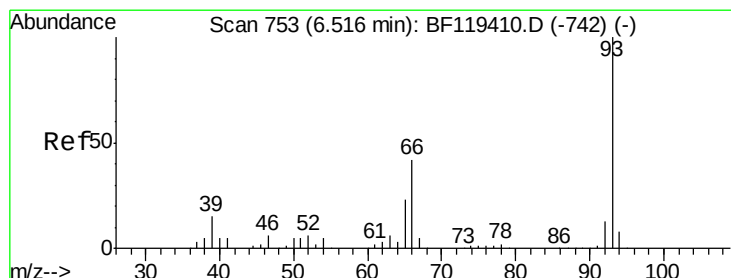
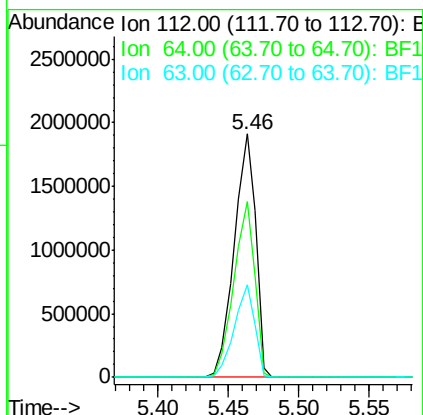
BNA_F

ClientSampleId :

PB127730BS

Manual Integrations
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#6

Aniline

Concen: 27.643 ng

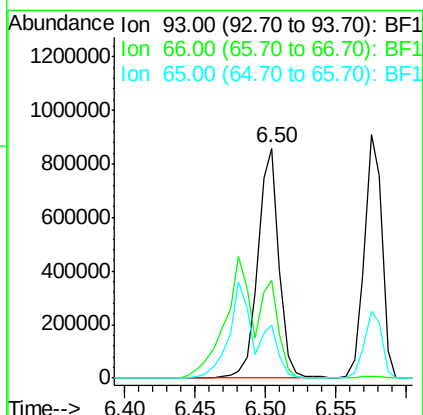
RT: 6.50 min Scan# 751

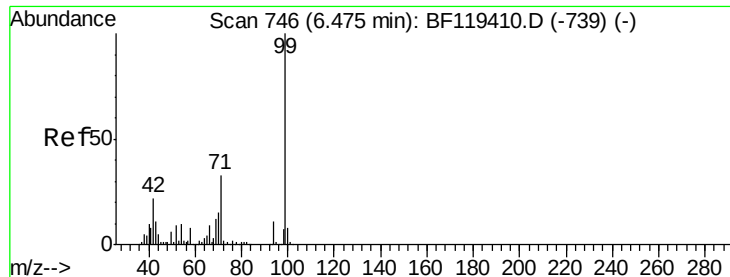
Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Tgt Ion:	93	Resp:	908726
Ion	Ratio	Lower	Upper
93	100		
66	42.5	34.2	51.4
65	22.8	18.2	27.4





#7

Phenol-d6

Concen: 108.532 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Instrument :

BNA_F

ClientSampleId :

PB127730BS

Tot Ion: 99 Resp: 2585079

Ion Ratio Lower Upper

99 100

42 21.2 17.8 26.6

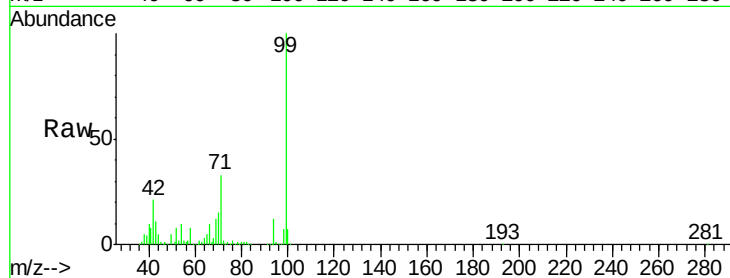
71 33.3 26.0 39.0

Manual Integrations

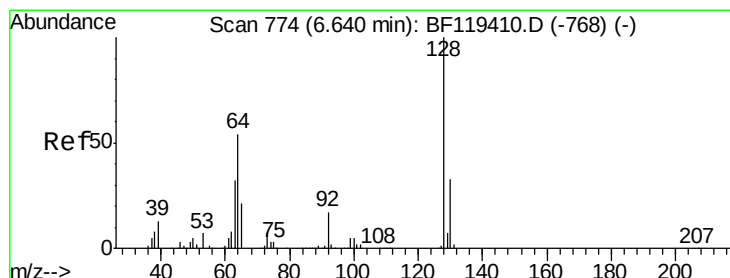
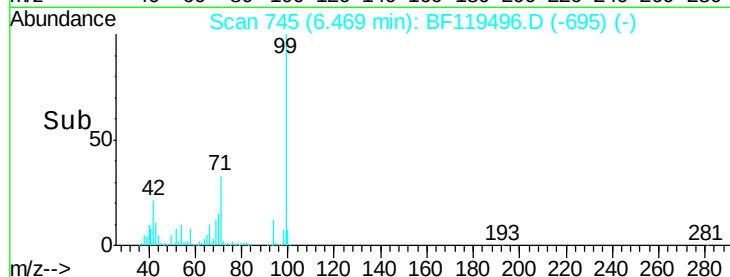
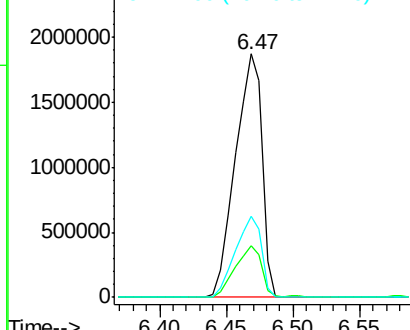
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.510 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

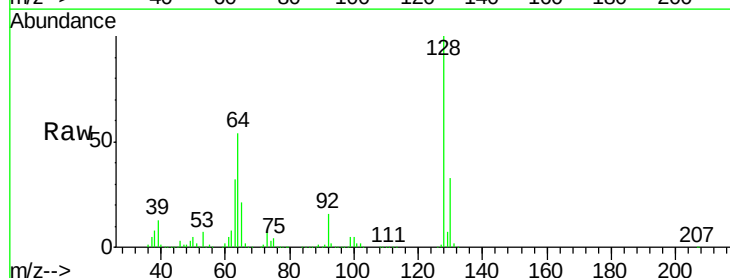
Tgt Ion: 128 Resp: 832491

Ion Ratio Lower Upper

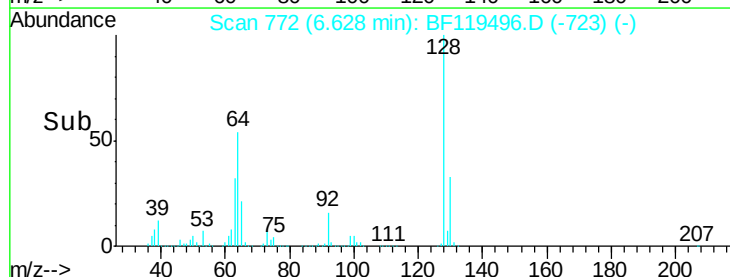
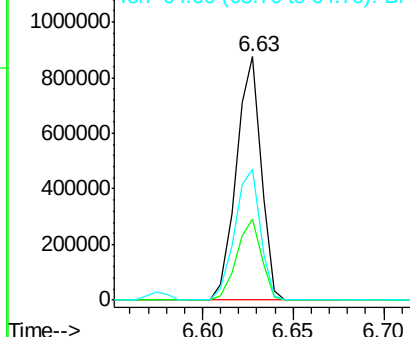
128 100

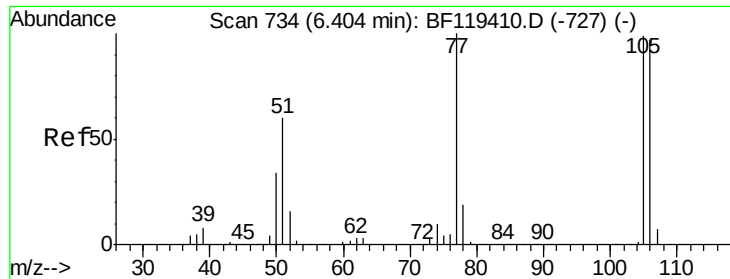
130 33.4 13.0 53.0

64 53.8 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: 35.696 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Instrument :

BNA_F

ClientSampleId :

PB127730BS

Tot Ion: 77 Resp: 539360

Ion Ratio Lower Upper

77 100

105 103.9 78.6 118.6

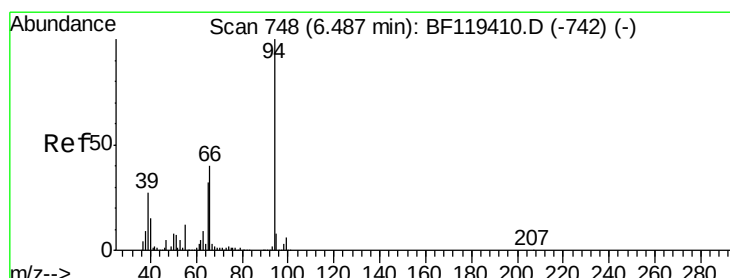
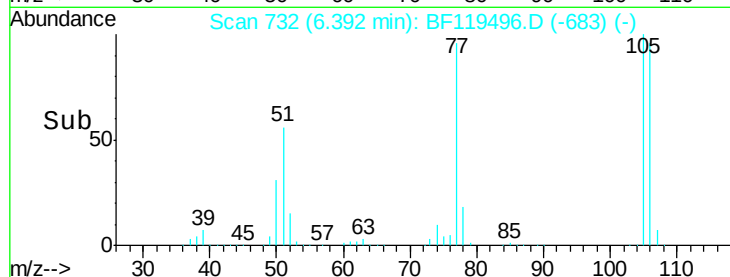
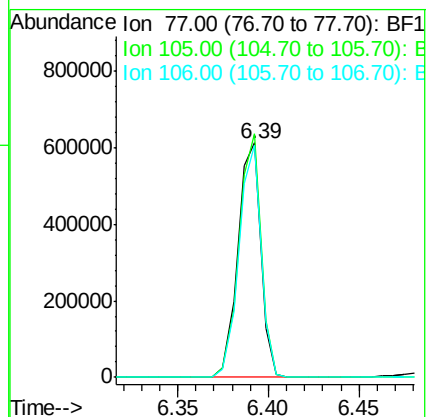
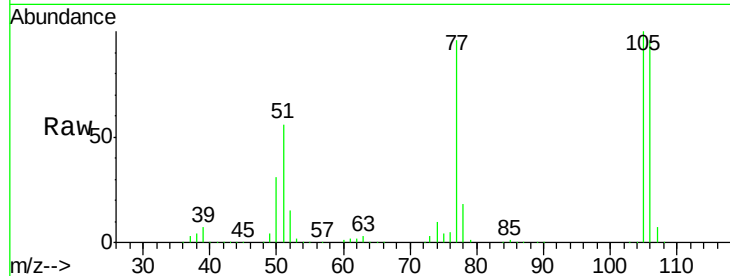
106 99.3 76.5 116.5

Manual Integrations

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#10

Phenol

Concen: 40.044 ng m

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

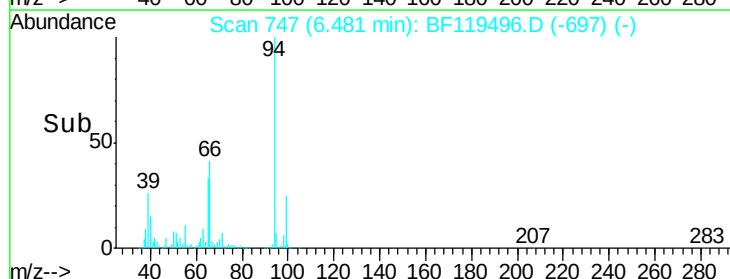
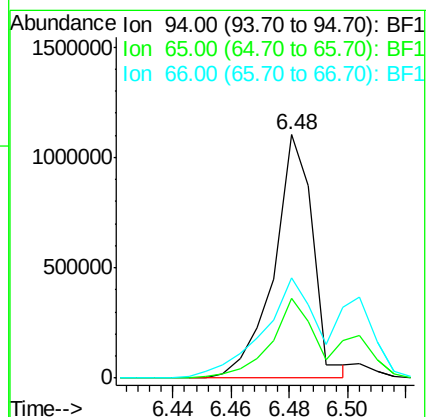
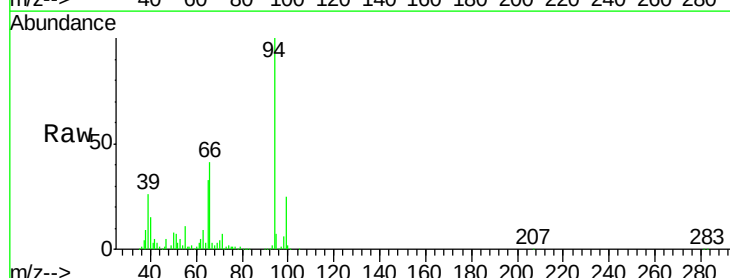
Tgt Ion: 94 Resp: 1017725

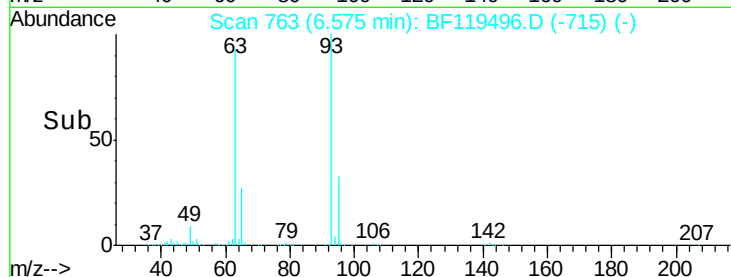
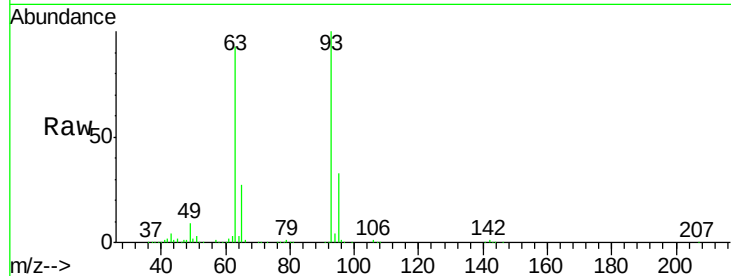
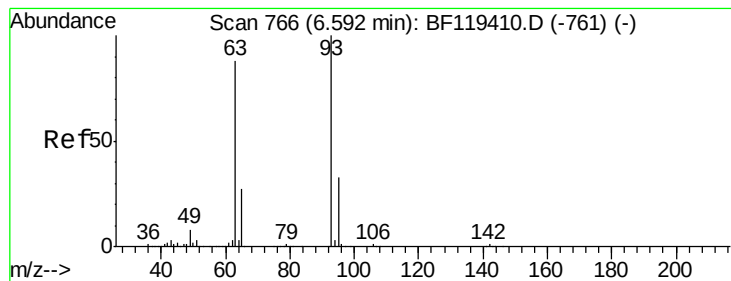
Ion Ratio Lower Upper

94 100

65 32.6 12.0 52.0

66 41.3 20.6 60.6





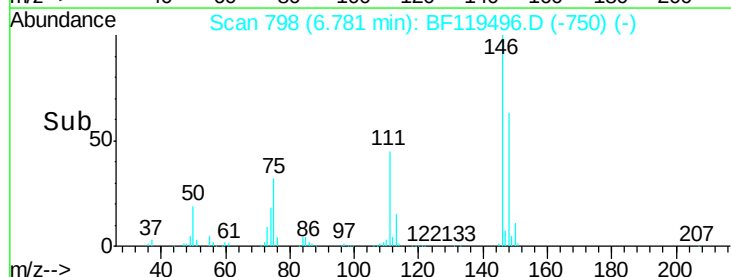
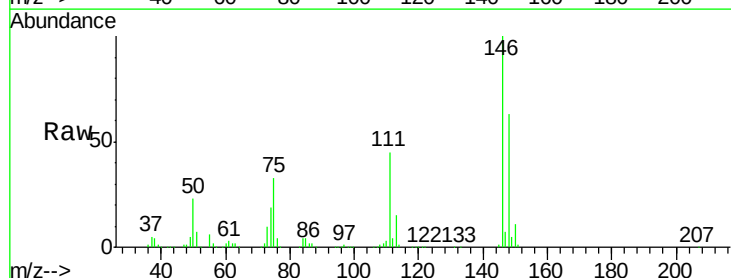
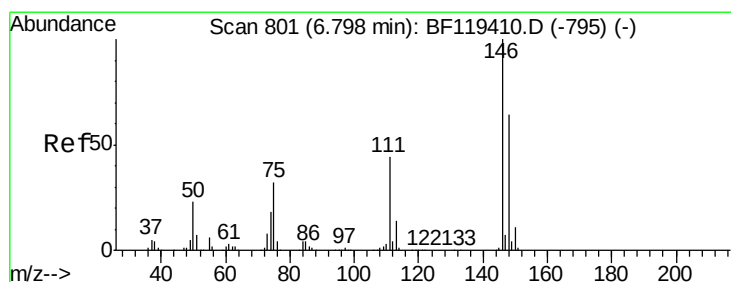
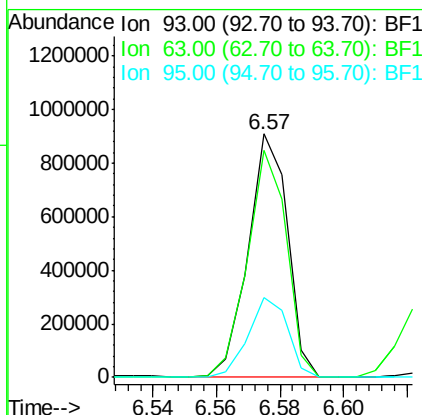
#11
bis(2-Chloroethyl)ether
Concen: 38.619 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.02 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tot Ion	Ratio	Lower	Upper
93	100		
63	93.1	68.4	108.4
95	32.7	13.4	53.4

Instrument :
BNA_F
ClientSampleId :
PB127730BS

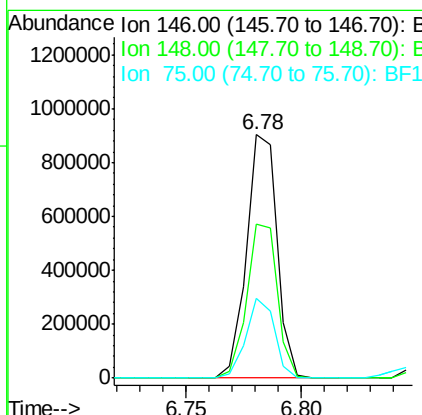
Manual Integrations
APPROVED

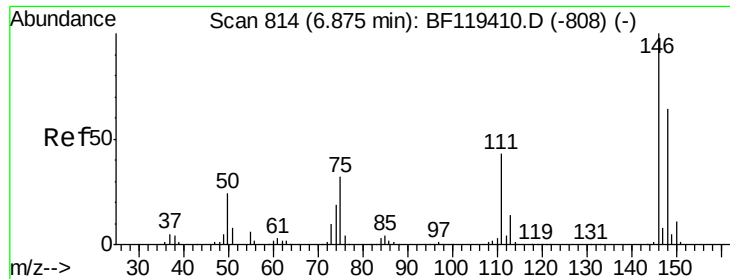
mohammad
3/25/2020 12:29:45 PM



#12
1,3-Dichlorobenzene
Concen: 39.424 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.4	77.0
75	32.8	25.8	38.8





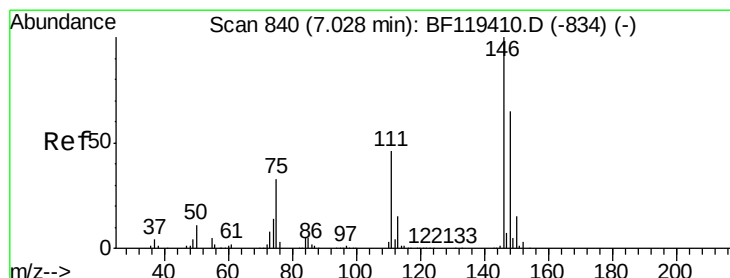
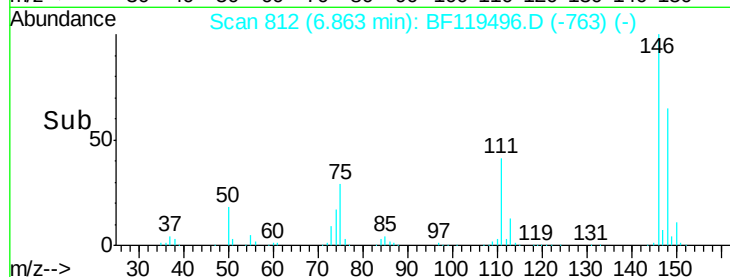
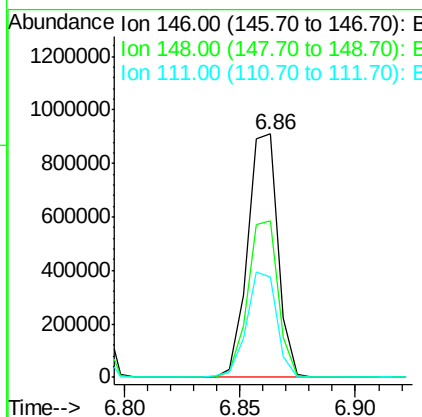
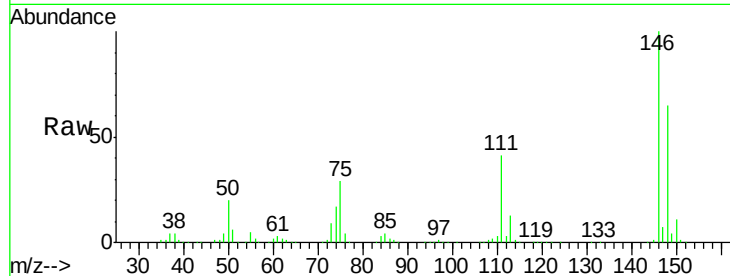
#13
1,4-Dichlorobenzene
Concen: 39.590 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Instrument :
BNA_F
ClientSampleId :
PB127730BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		839318		
148	64.6	50.9	76.3		
111	41.3	34.6	52.0		

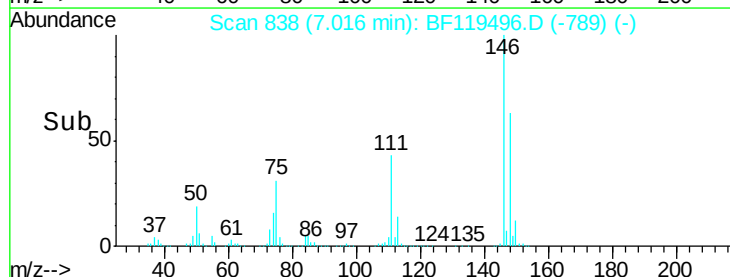
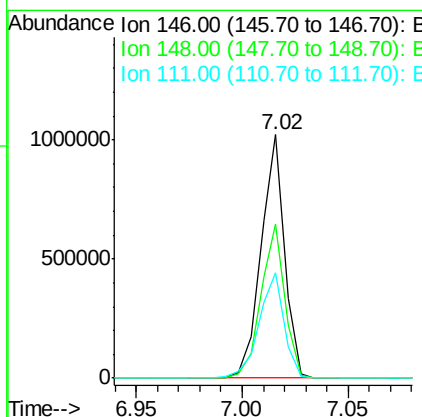
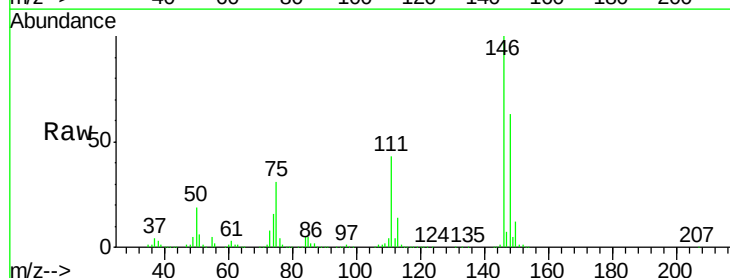
Manual Integrations
APPROVED

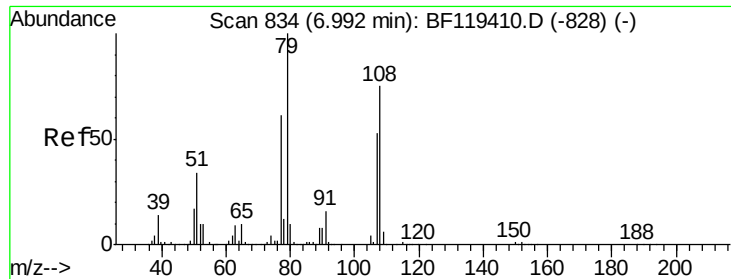
mohammad
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#14
1,2-Dichlorobenzene
Concen: 39.802 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		788718		
148	63.4	51.7	77.5		
111	43.1	36.4	54.6		





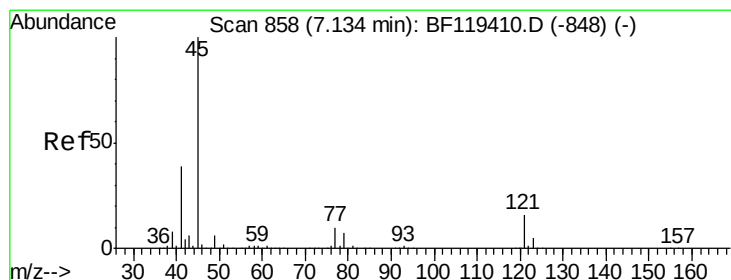
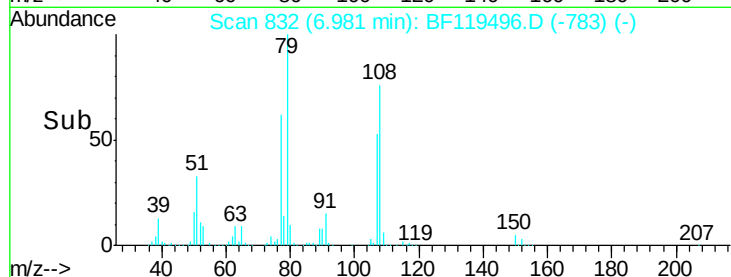
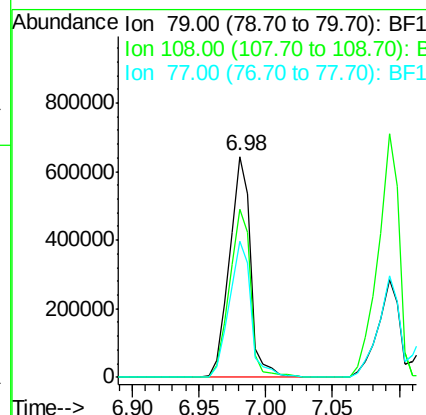
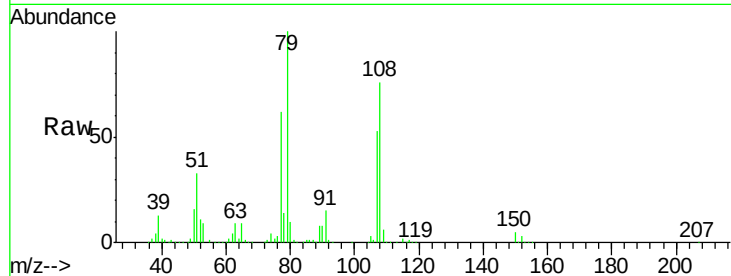
#15
Benzyl Alcohol
Concen: 40.277 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Instrument :
BNA_F
ClientSampleId :
PB127730BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.2	60.4	90.6
77	61.9	49.0	73.4

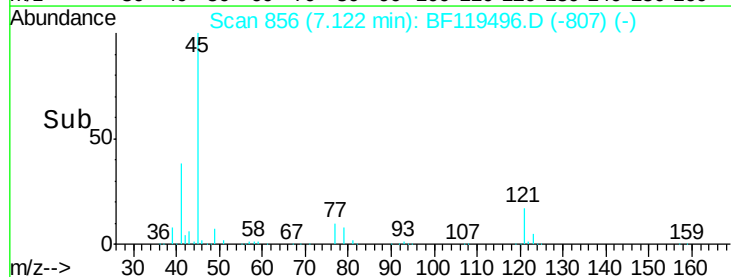
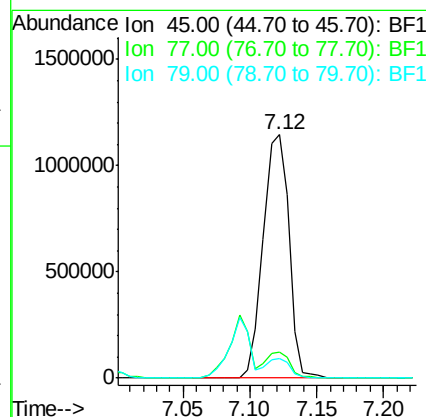
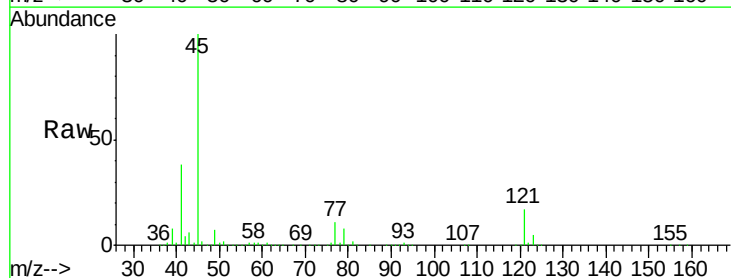
Manual Integrations
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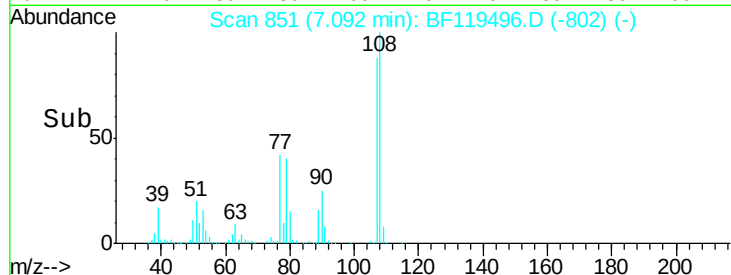
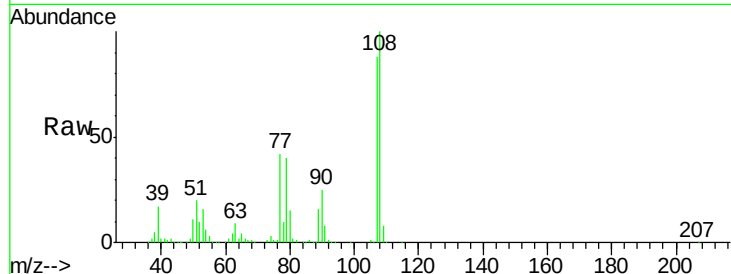
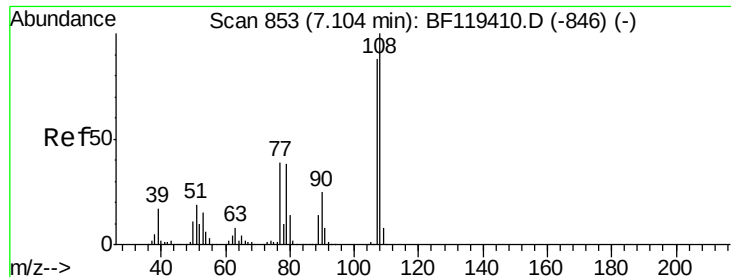
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.124 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

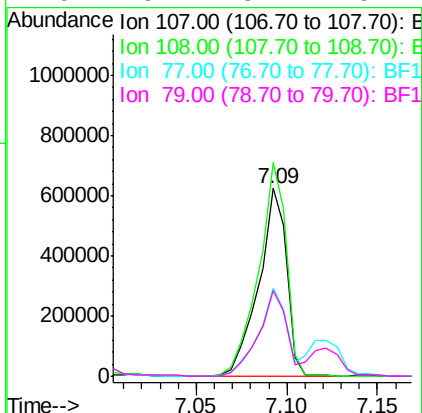
Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.6	0.0	30.1
79	8.2	0.0	27.4





#17
2-Methylphenol
Concen: 37.201 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

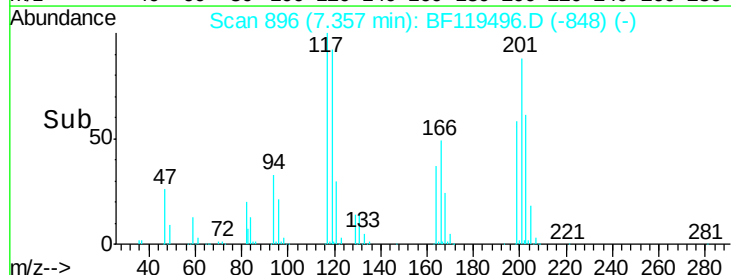
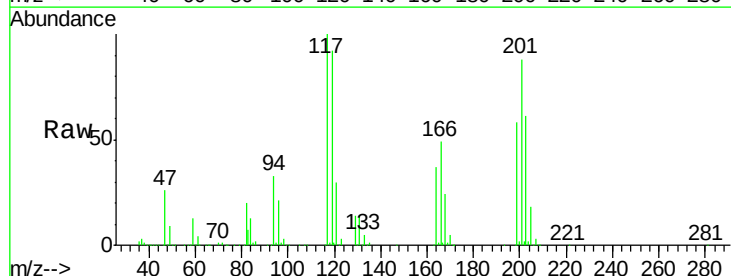
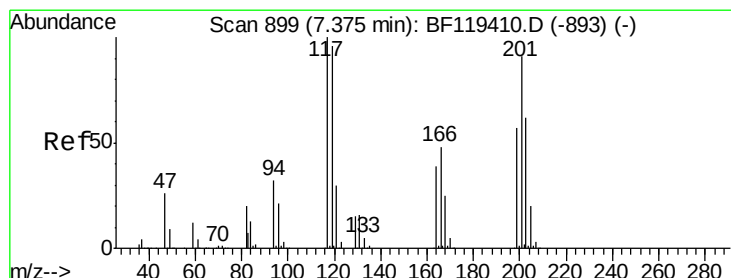
Tot Ion	Ratio	Resp	Lower	Upper
107	100	667492		
108	113.7	90.7	136.1	
77	47.3	35.6	53.4	
79	45.7	34.7	52.1	



Instrument :
BNA_F
ClientSampleId :
PB127730BS

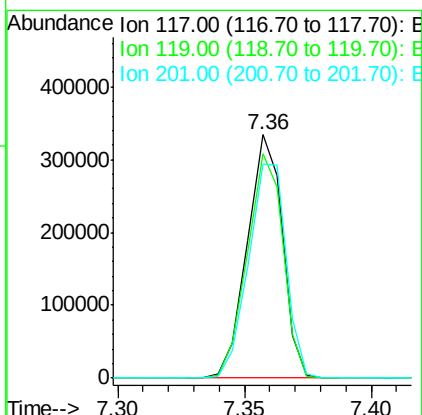
Manual Integrations
APPROVED

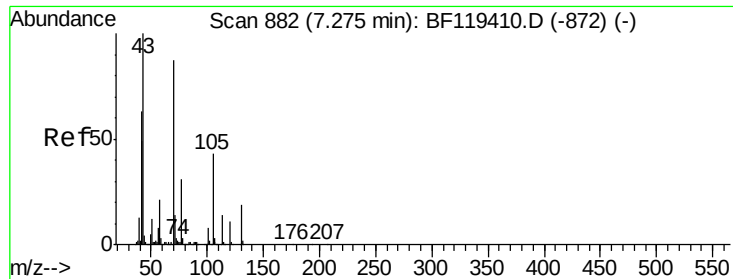
mohammad
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#18
Hexachloroethane
Concen: 41.632 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	323454		
119	92.4	76.8	115.2	
201	88.2	72.5	108.7	





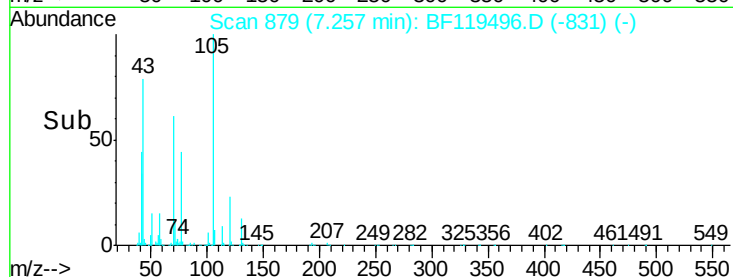
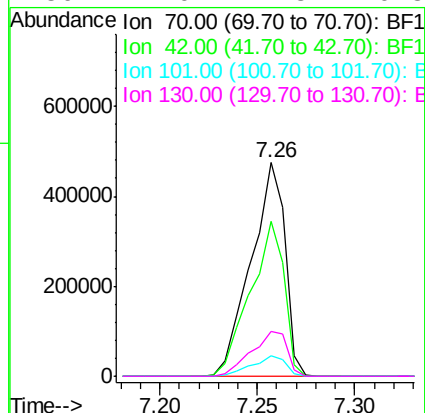
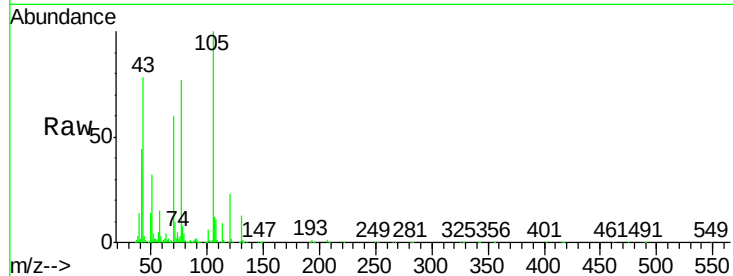
#19
n-Nitroso-di-n-propylamine
Concen: 39.927 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Instrument :
BNA_F
ClientSampleId :
PB127730BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	72.7	58.2	87.4	
101	9.9	7.4	11.2	
130	21.0	17.8	26.8	

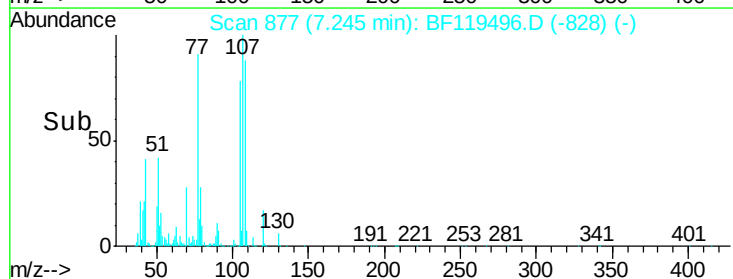
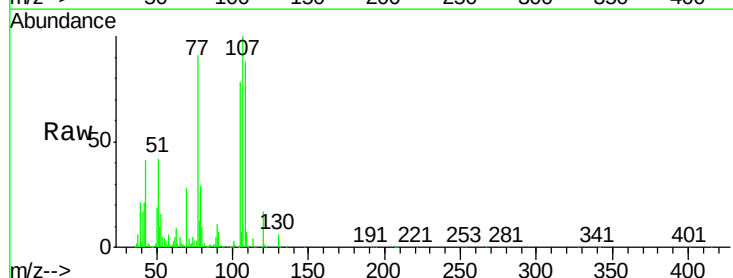
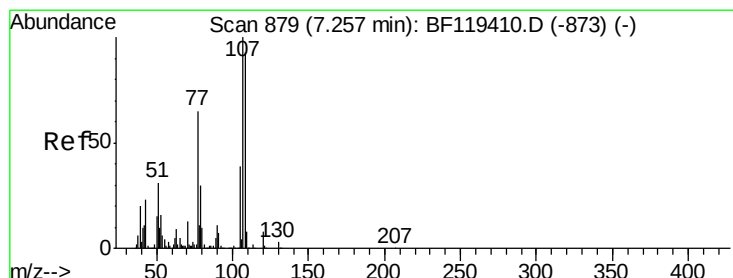
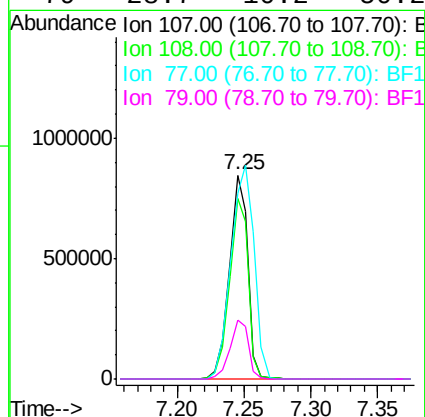
Manual Integrations
APPROVED

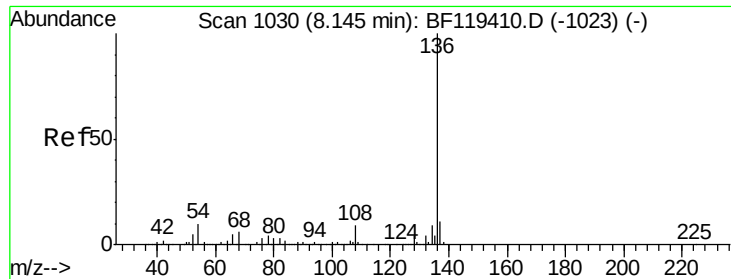
mohammad
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#20
3+4-Methylphenols
Concen: 37.593 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.3	72.6	112.6	
77	91.4	44.7	84.7	
79	28.7	10.2	50.2	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Instrument :

BNA_F

ClientSampleId :

PB127730BS

Tot Ion:136 Resp: 1146468

Ion Ratio Lower Upper

136 100

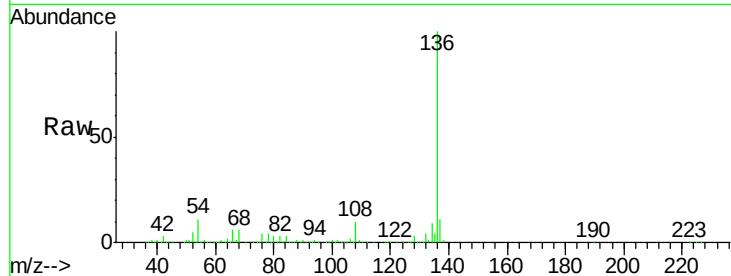
137 11.4 8.4 12.6

54 11.3 8.3 12.5

68 5.9 4.9 7.3

Manual Integrations
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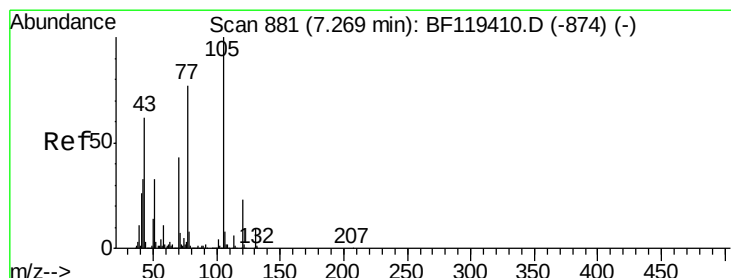
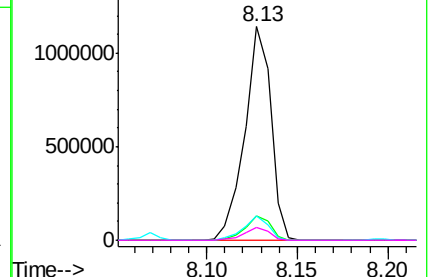
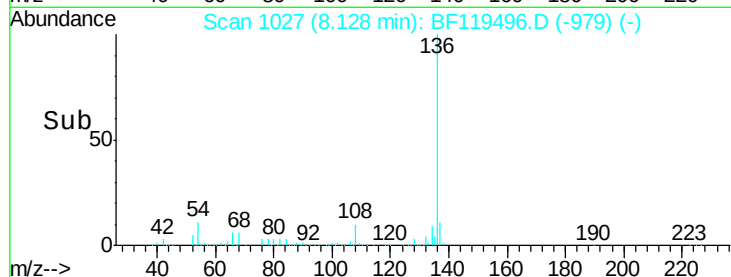


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.307 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Tgt Ion:105 Resp: 1076806

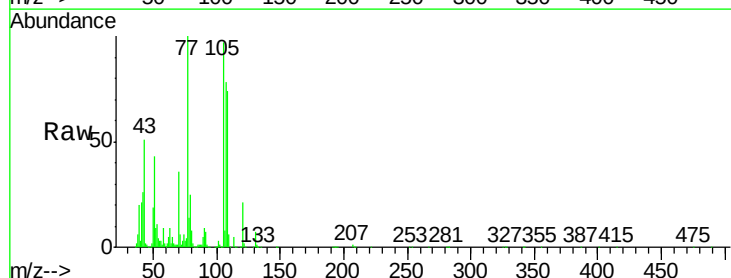
Ion Ratio Lower Upper

105 100

71 6.0 5.8 8.6

51 44.0 26.8 40.2#

120 21.8 18.0 27.0

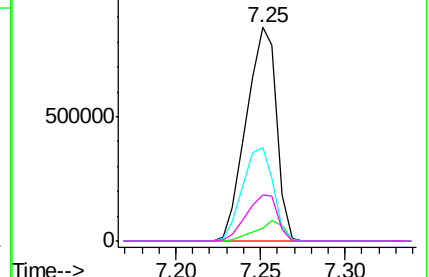
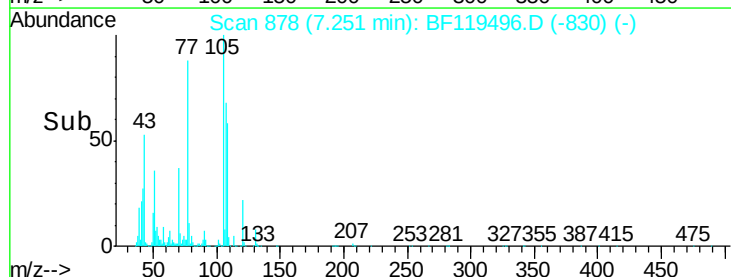


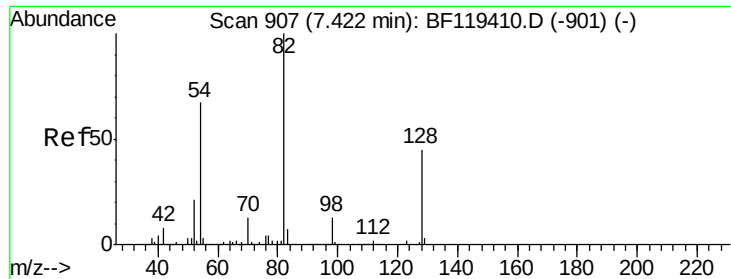
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





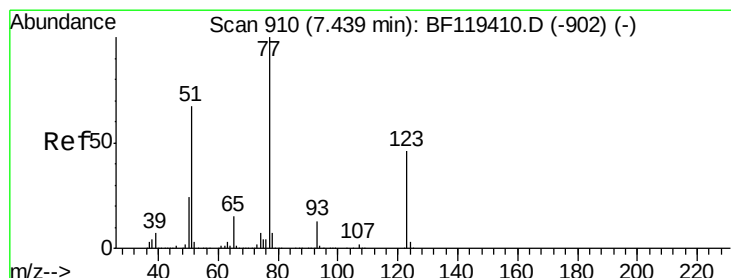
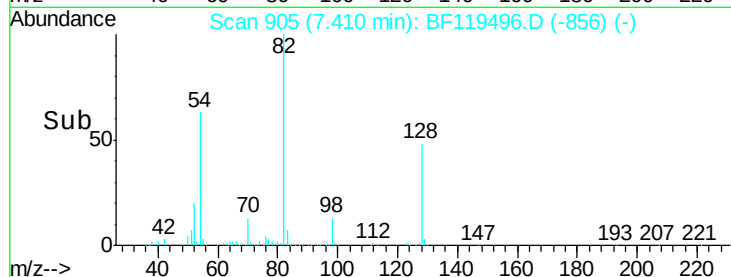
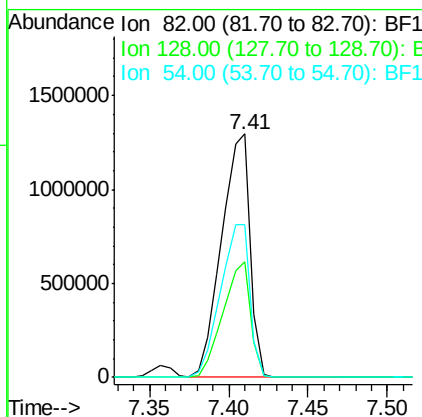
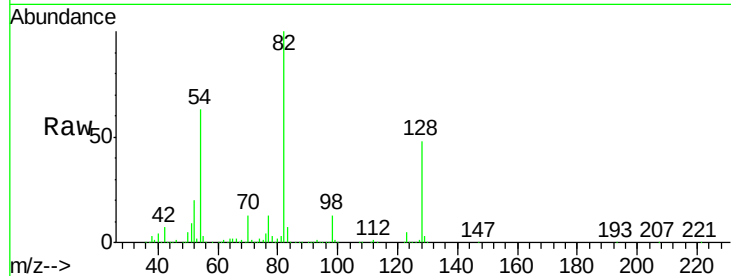
#23
Nitrobenzene-d5
Concen: 76.707 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Instrument :
BNA_F
ClientSampleId :
PB127730BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	35.8	53.8
54	62.7	53.4	80.0

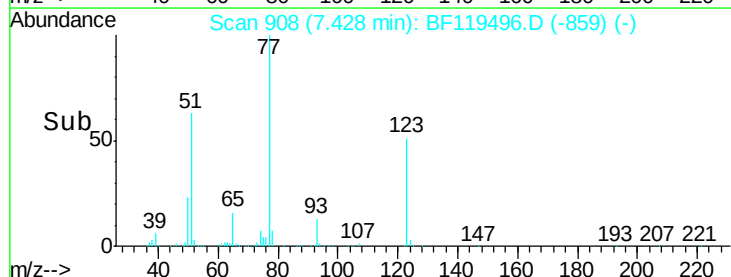
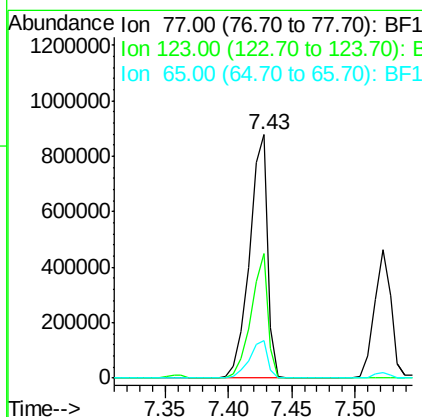
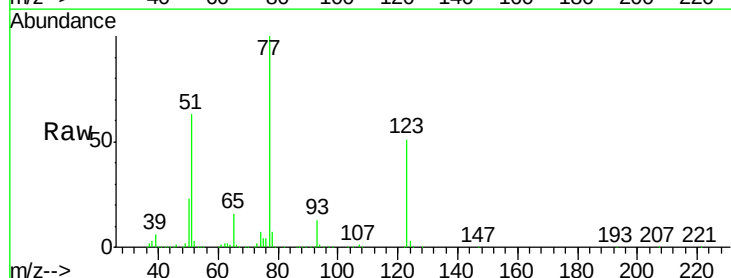
Manual Integrations
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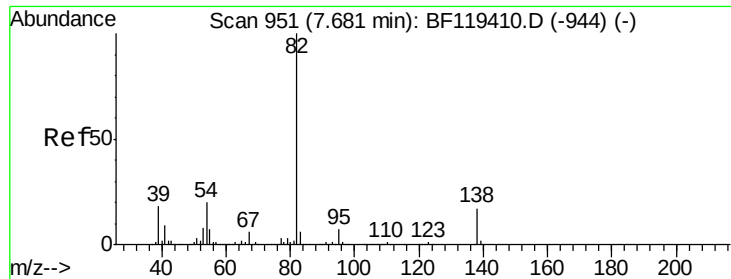
mohammad
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#24
Nitrobenzene
Concen: 38.509 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.9	36.9	55.3
65	15.6	12.2	18.4





#25

Isophorone

Concen: 37.380 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Instrument :

BNA_F

ClientSampleId :

PB127730BS

Tot Ion: 82 Resp: 1599569

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

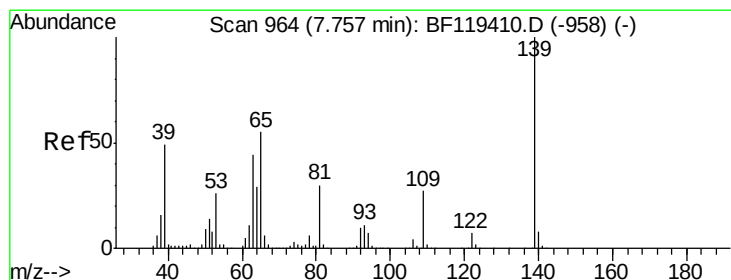
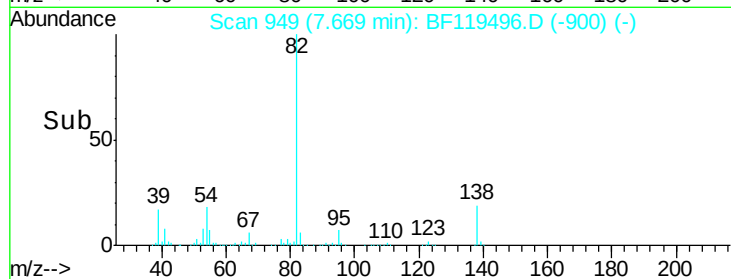
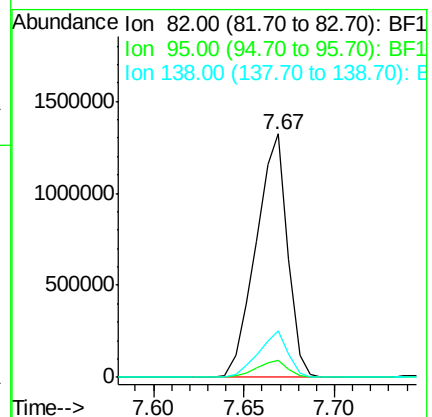
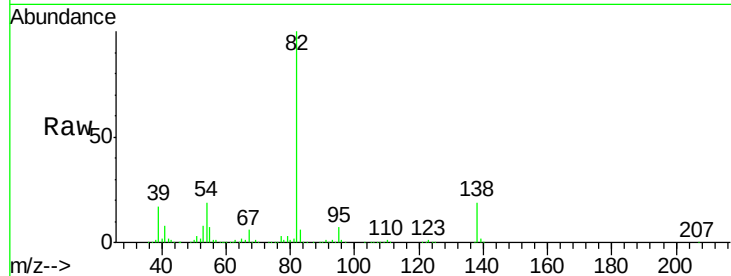
138 18.9 13.8 20.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 49.342 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

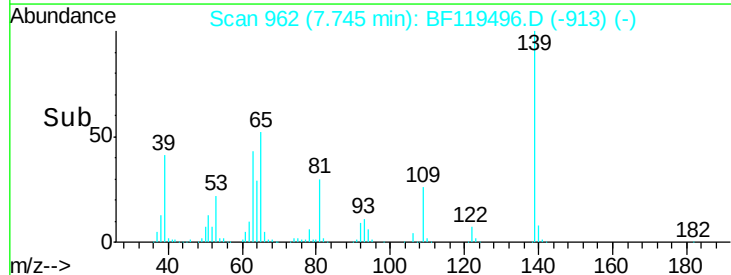
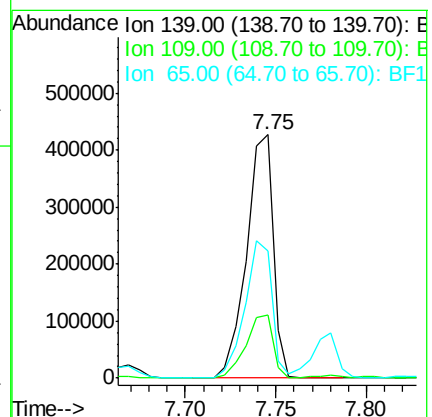
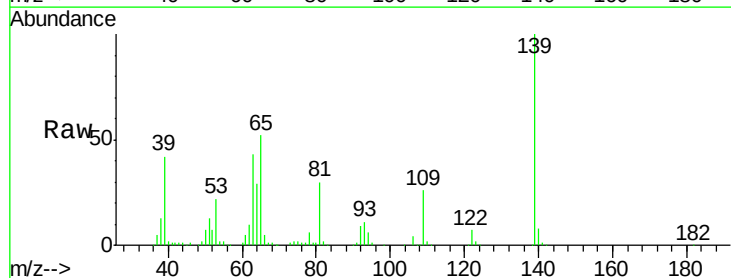
Tgt Ion: 139 Resp: 437979

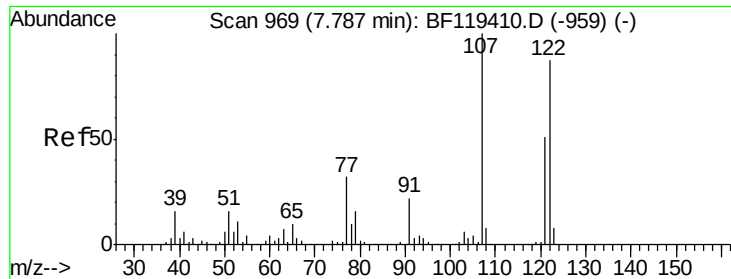
Ion Ratio Lower Upper

139 100

109 25.9 21.7 32.5

65 52.3 43.9 65.9





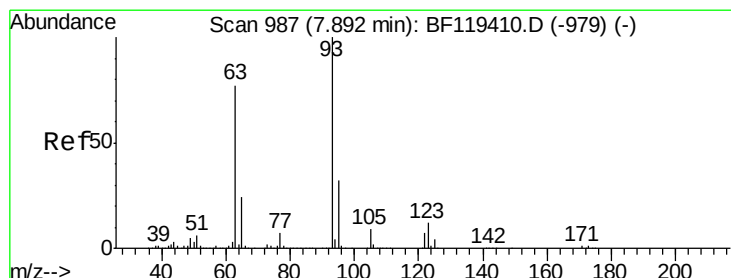
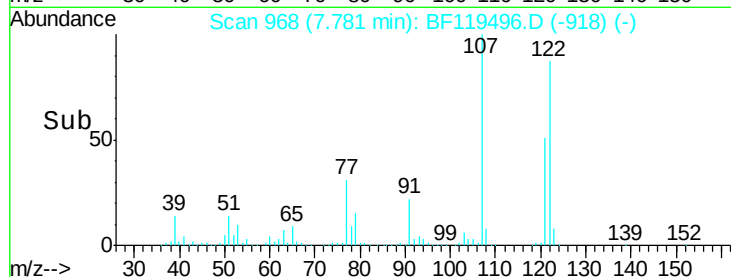
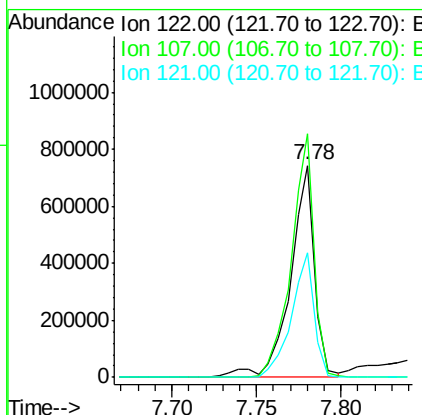
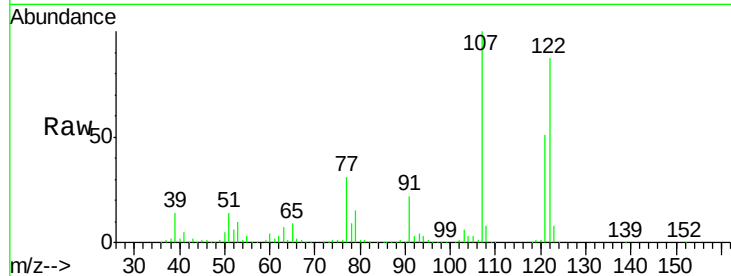
#27
2,4-Dimethylphenol
Concen: 40.456 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Instrument :
BNA_F
ClientSampleId :
PB127730BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.0	91.8	137.6
121	58.7	46.5	69.7

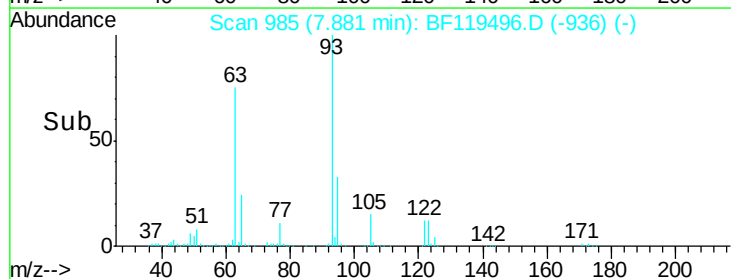
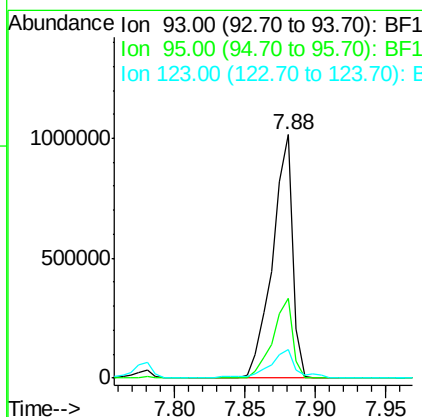
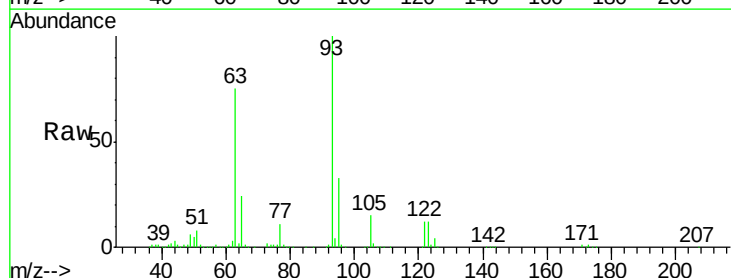
Manual Integrations
APPROVED

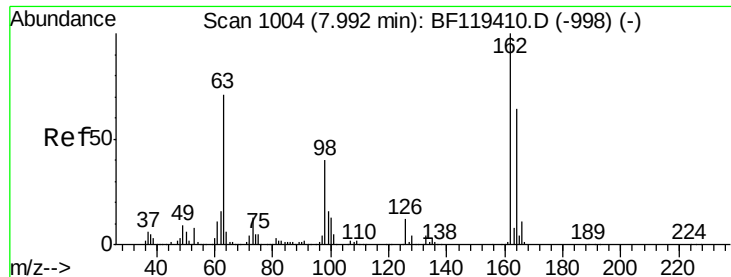
mohammad
3/25/2020 12:29:45 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.237 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.0	39.0
123	11.7	9.7	14.5





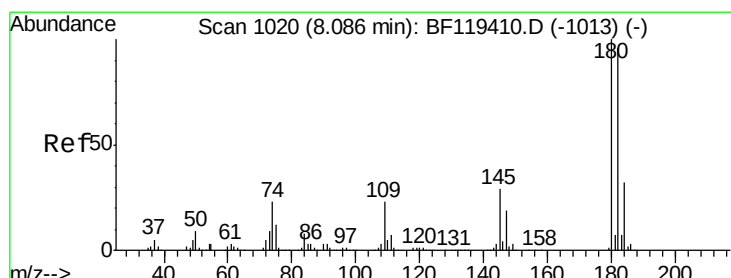
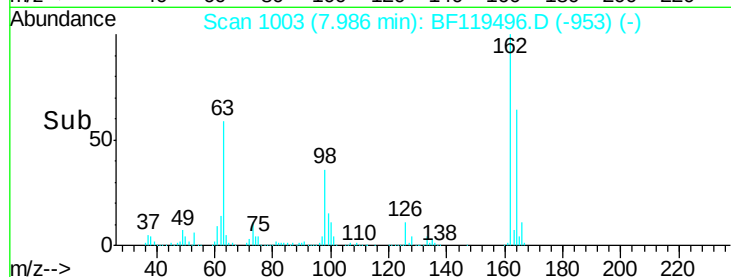
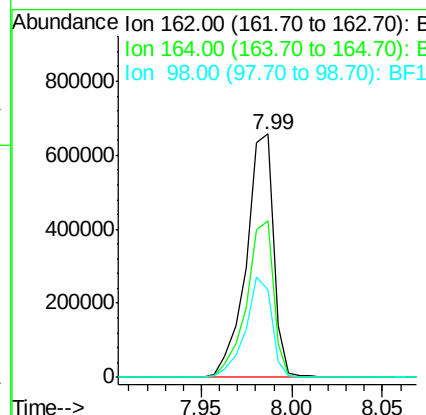
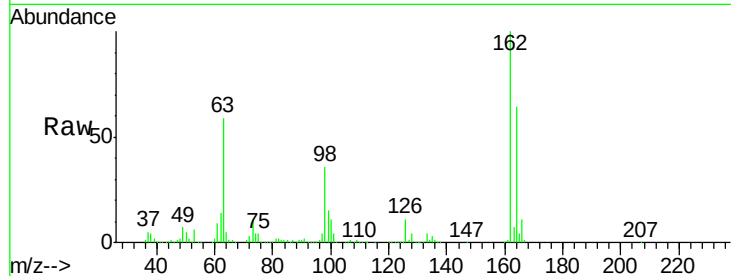
#29
2,4-Dichlorophenol
Concen: 40.929 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Instrument :
BNA_F
ClientSampleId :
PB127730BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	690245		
164	64.2	43.6	83.6	
98	35.7	20.4	60.4	

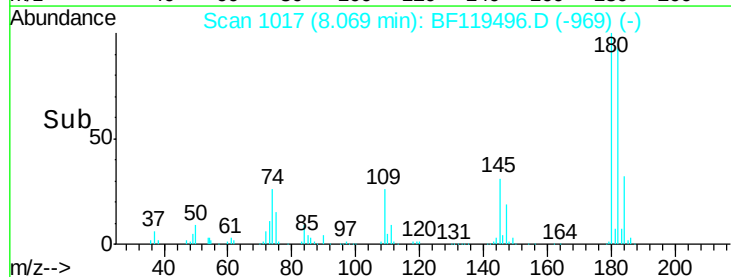
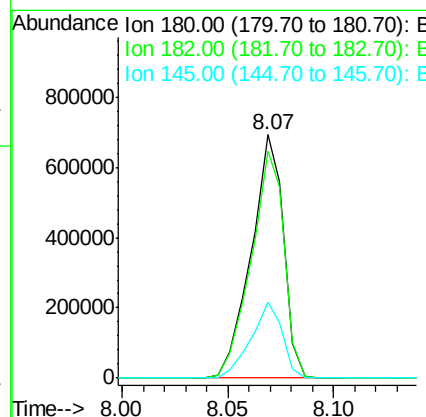
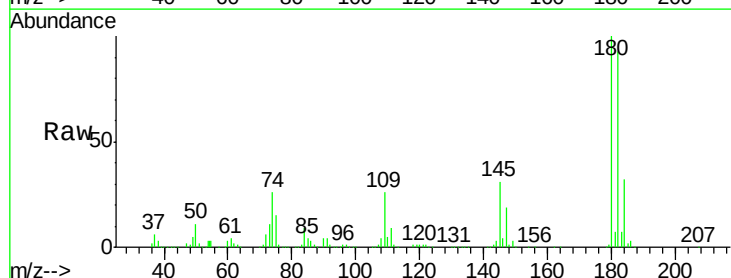
Manual Integrations
APPROVED

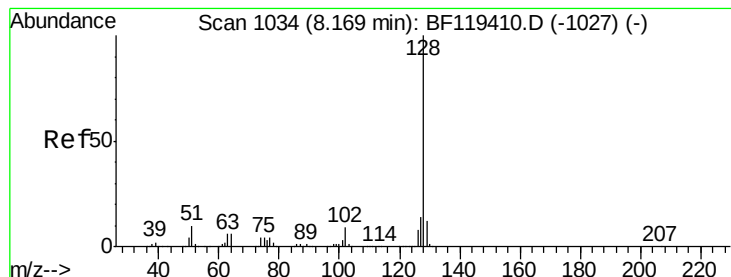
mohammad
3/25/2020 12:29:45 PM



#30
1,2,4-Trichlorobenzene
Concen: 39.422 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	735252		
182	93.4	76.6	115.0	
145	31.1	23.2	34.8	





#31

Naphthalene

Concen: 39.440 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Instrument :

BNA_F

ClientSampleId :

PB127730BS

Tot Ion:128 Resp: 2326882

Ion Ratio Lower Upper

128 100

129 11.9 9.3 13.9

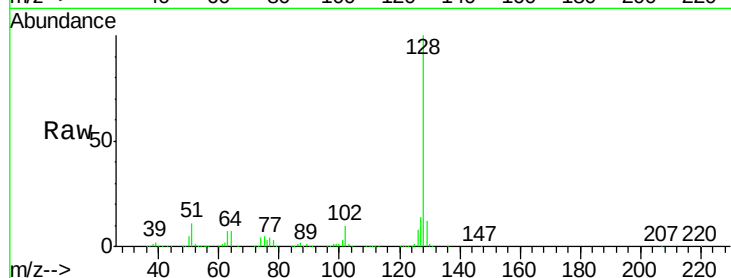
127 13.8 11.0 16.4

Manual Integrations

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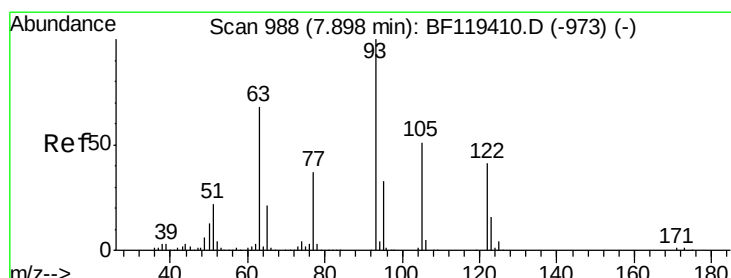
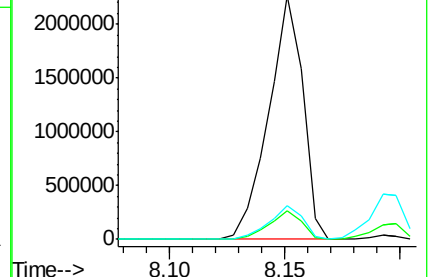
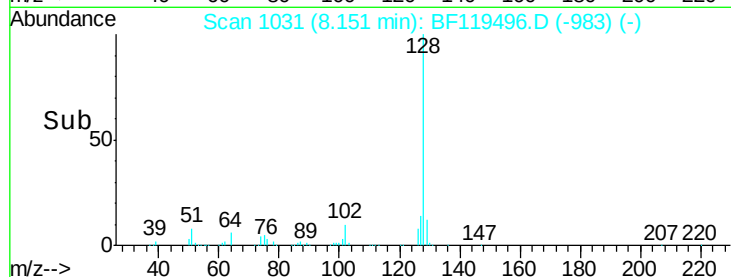
3/25/2020 12:29:45 PM



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: 49.684 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

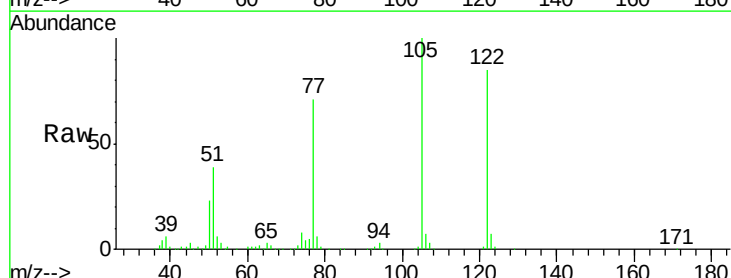
Tgt Ion:122 Resp: 586598

Ion Ratio Lower Upper

122 100

105 118.2 102.9 142.9

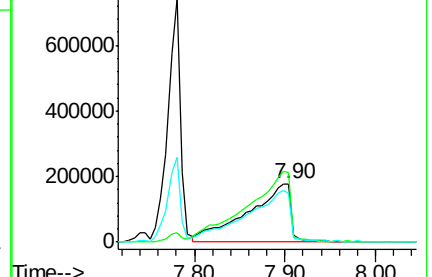
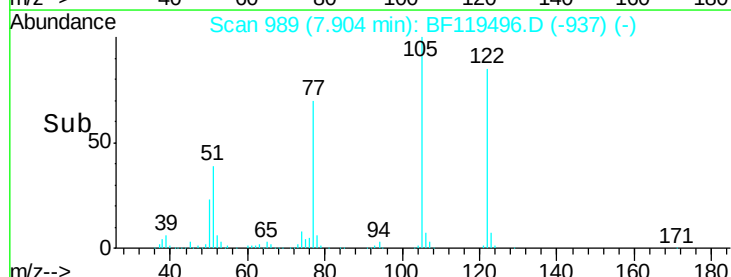
77 83.7 70.1 110.1

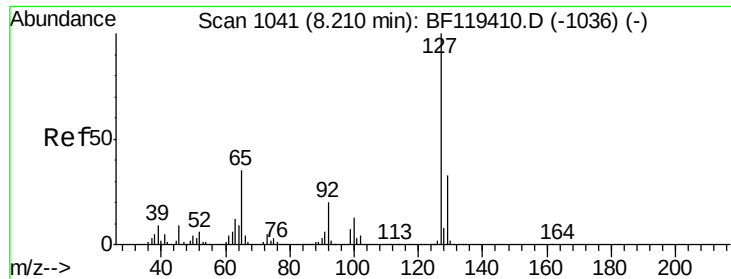


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





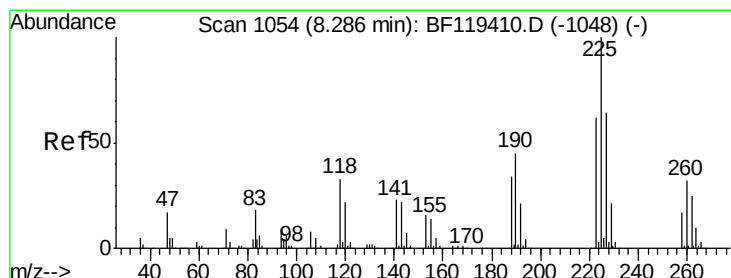
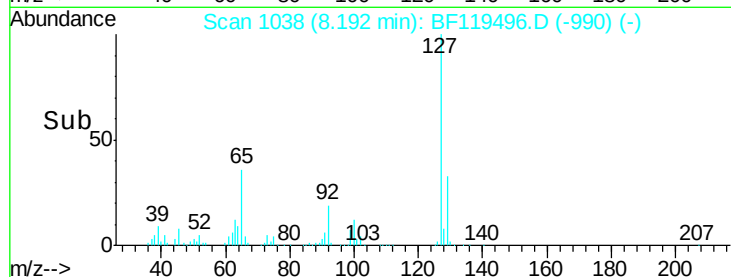
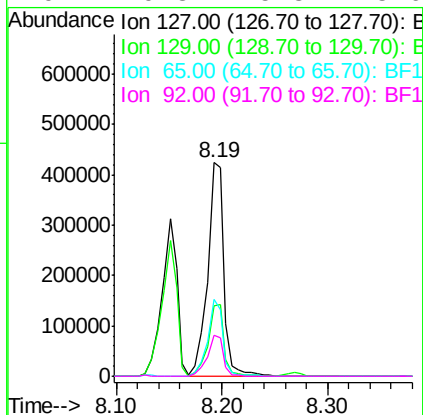
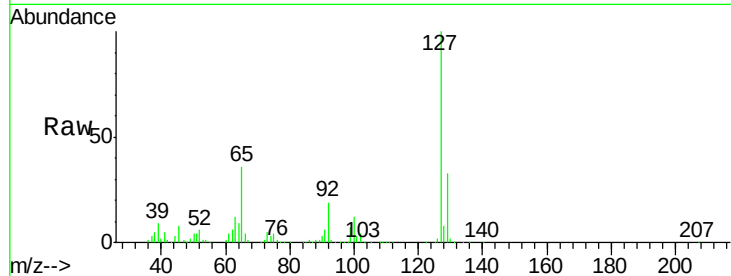
#33
4-Chloroaniline
Concen: 16.991 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Instrument :
BNA_F
ClientSampleId :
PB127730BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	26.2	39.4		
65	35.9	27.7	41.5		
92	19.3	15.8	23.6		

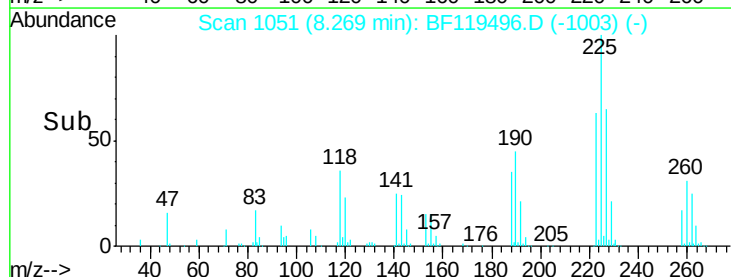
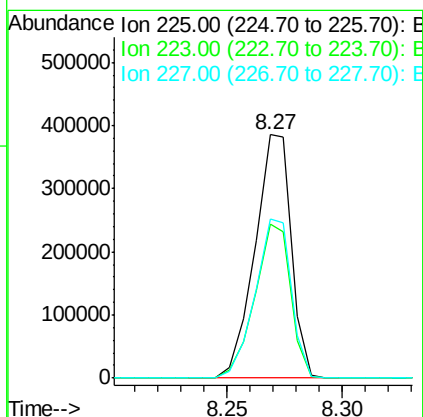
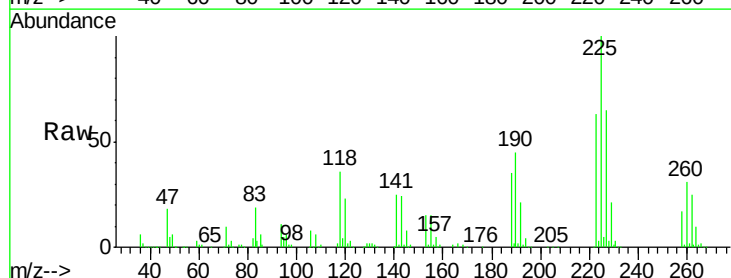
Manual Integrations
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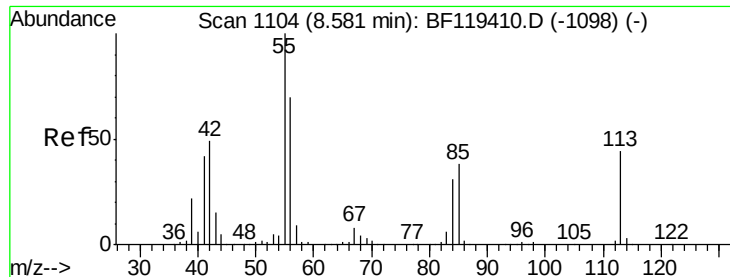
mohammad
3/25/2020 12:29:45 PM



#34
Hexachlorobutadiene
Concen: 40.640 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	49.2	73.8		
227	65.3	51.1	76.7		





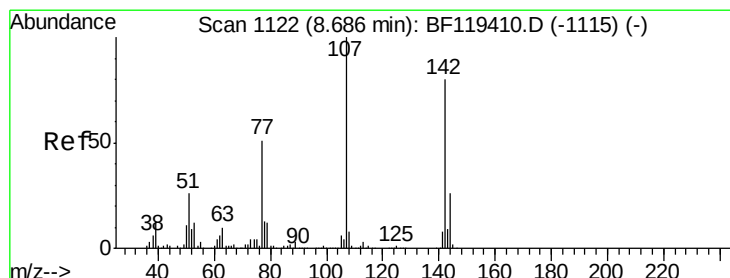
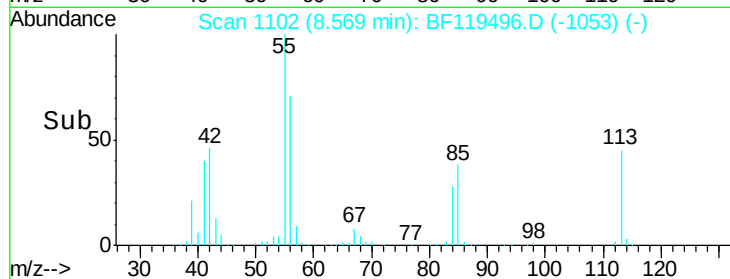
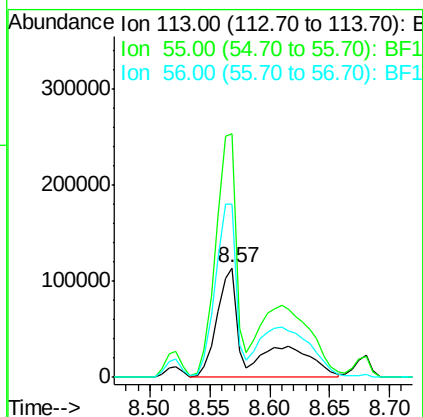
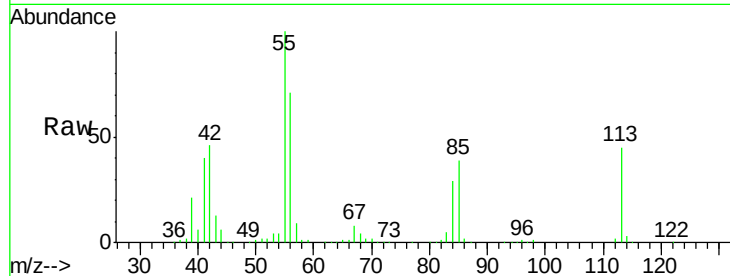
#35
 Caprolactam
 Concen: 40.689 ng/ml
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF119496.D
 Acq: 24 Mar 2020 20:10

Instrument :
 BNA_F
 ClientSampleId :
 PB127730BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	222.4	208.4	248.4
56	158.1	138.9	178.9

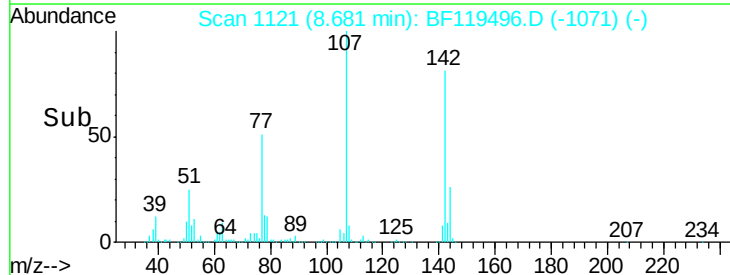
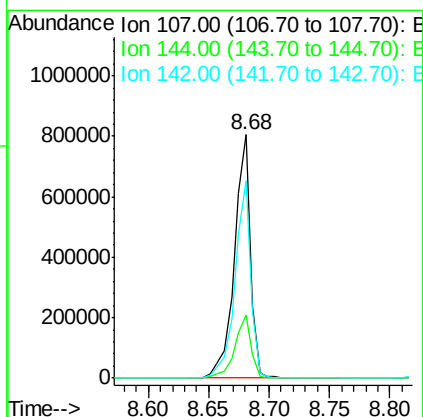
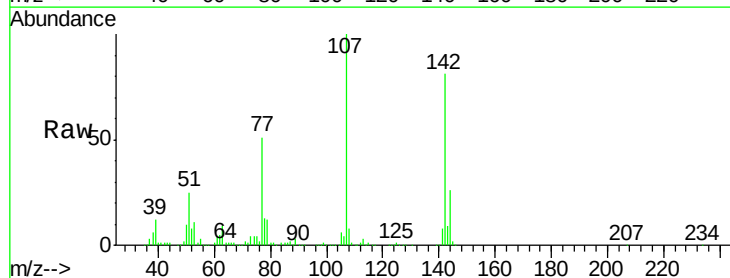
Manual Integrations
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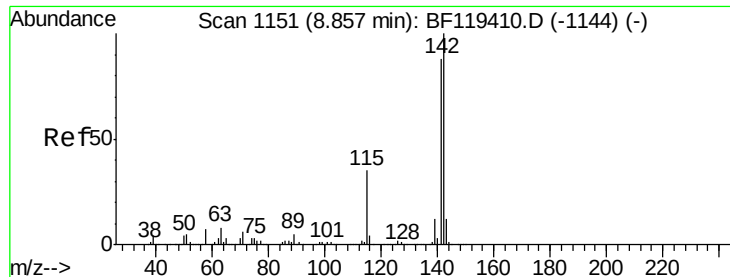
mohammad
 3/25/2020 12:29:45 PM



#36
 4-Chloro-3-methylphenol
 Concen: 40.668 ng/ml
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF119496.D
 Acq: 24 Mar 2020 20:10

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	20.6	31.0
142	81.2	63.8	95.6





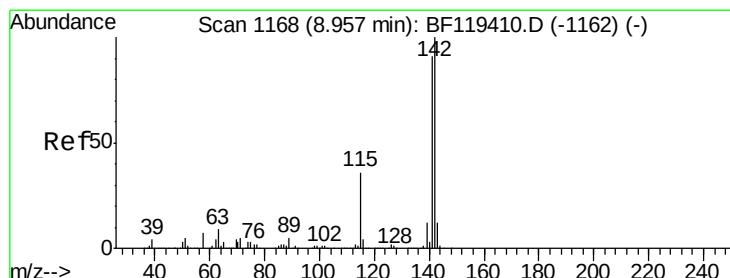
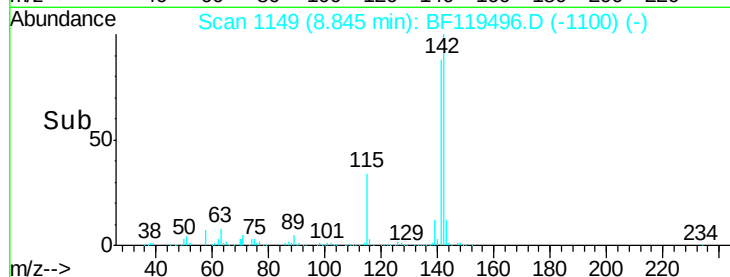
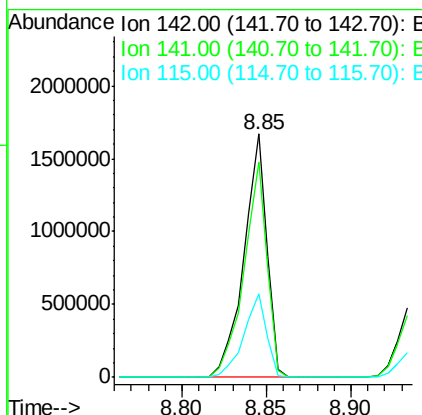
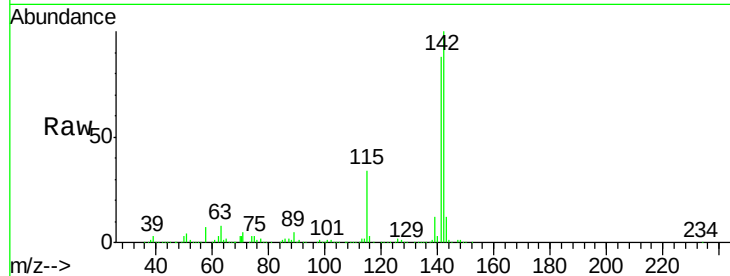
#37
2-Methylnaphthalene
Concen: 41.078 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Instrument :
BNA_F
ClientSampleId :
PB127730BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.4	105.6
115	34.4	27.8	41.6

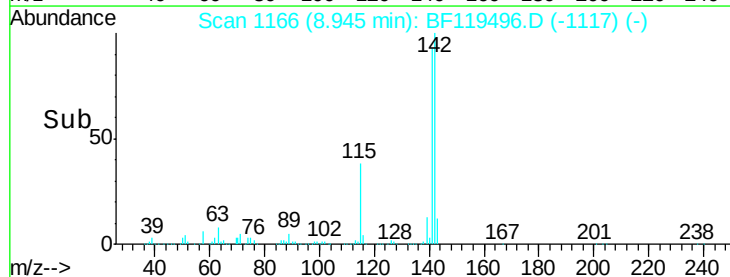
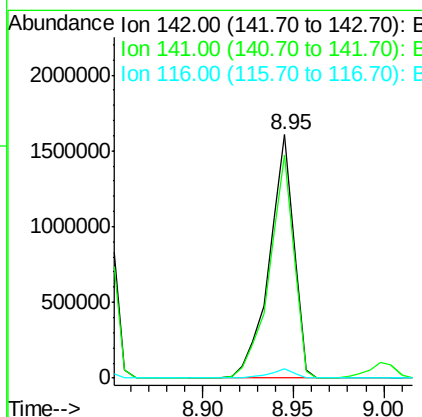
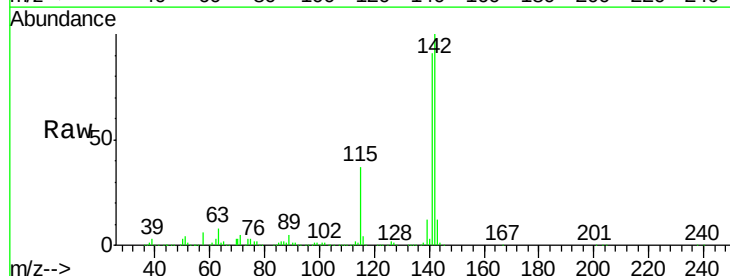
Manual Integrations
APPROVED

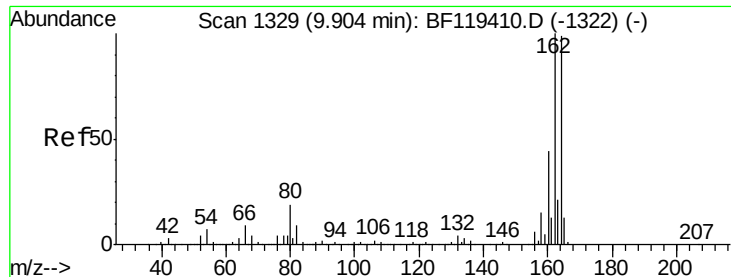
mohammad
3/25/2020 12:29:45 PM



#38
1-Methylnaphthalene
Concen: 41.227 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.1	109.7
116	3.7	3.0	4.6





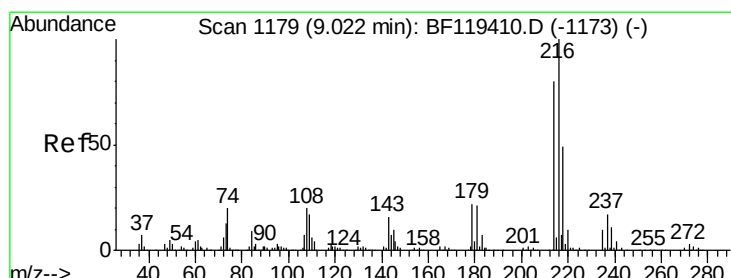
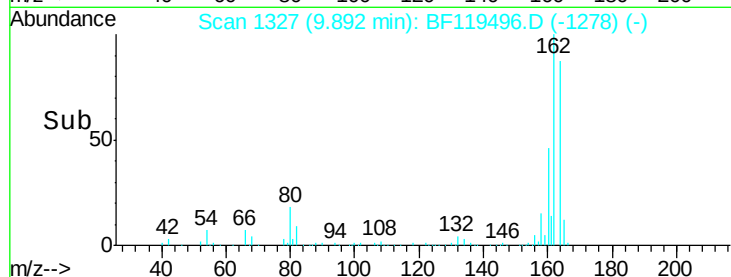
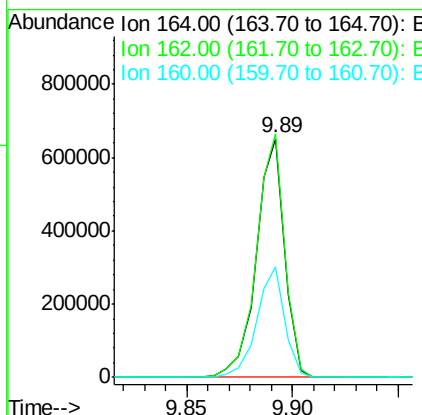
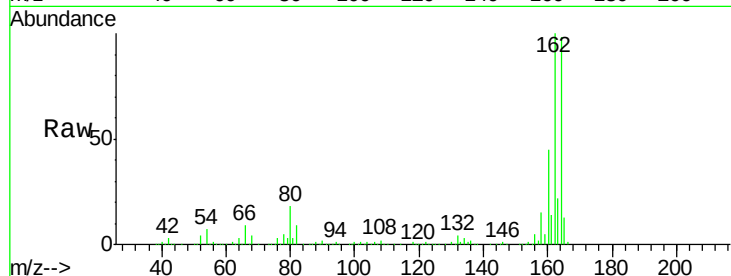
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Instrument :
BNA_F
ClientSampleId :
PB127730BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.7	121.1
160	46.3	35.5	53.3

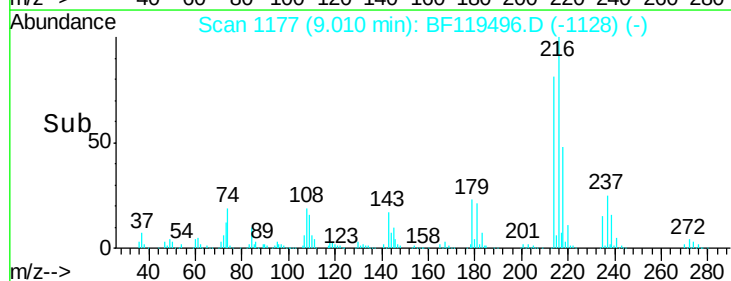
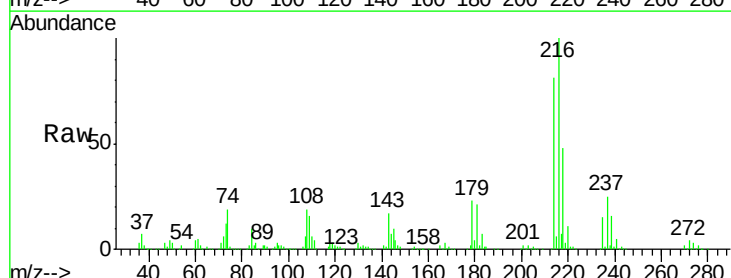
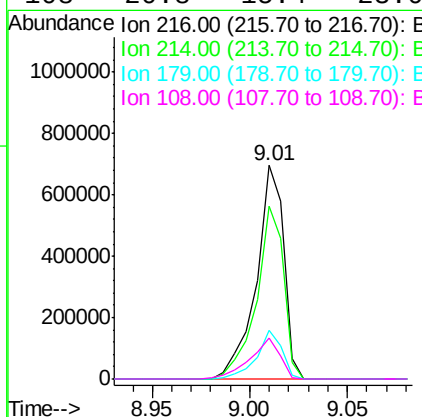
Manual Integrations
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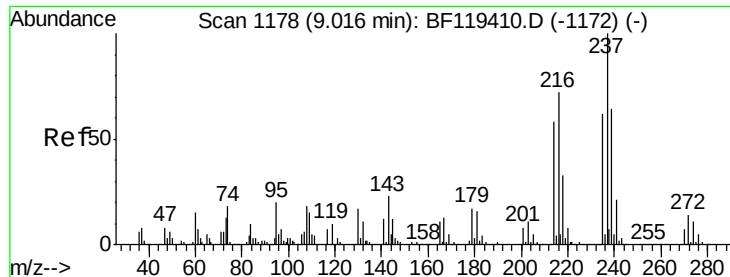
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.175 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.4	63.0	94.6
179	21.2	17.0	25.4
108	20.8	15.4	23.0





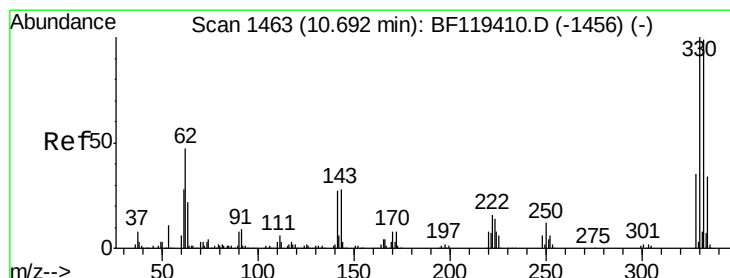
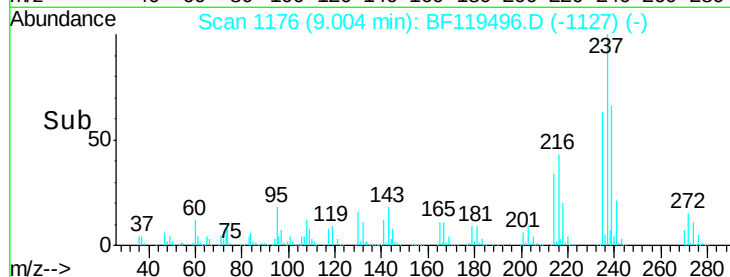
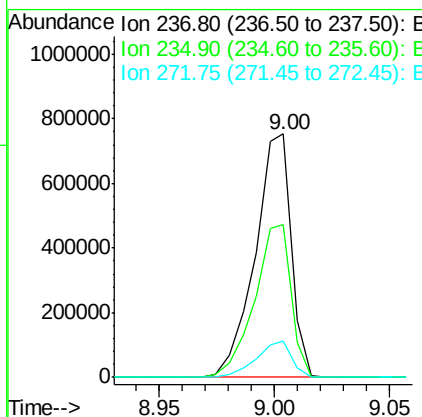
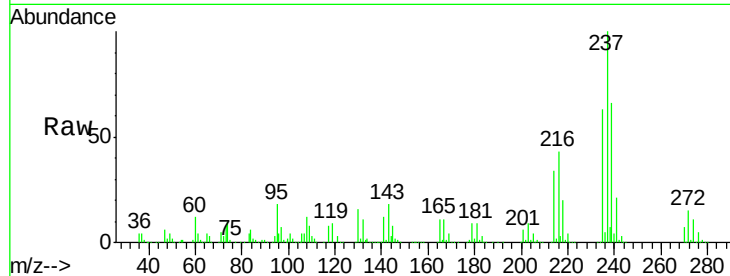
#41
Hexachlorocyclopentadiene
Concen: 81.368 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Instrument :
BNA_F
ClientSampleId :
PB127730BS

Tot Ion:	237	Resp:	822247
Ion Ratio	Lower	Upper	
237	100		
235	62.9	42.5	82.5
272	14.7	0.0	34.3

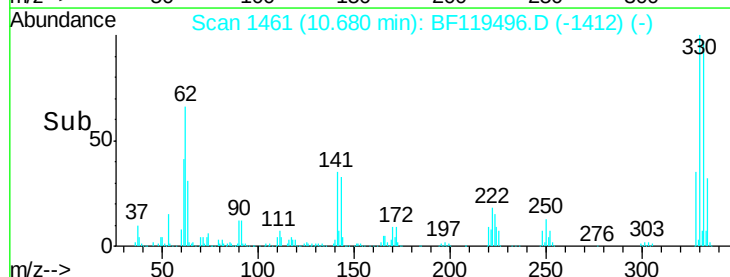
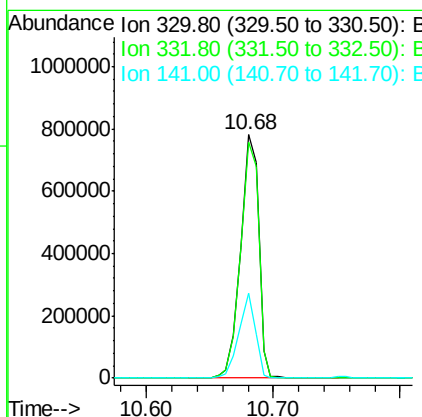
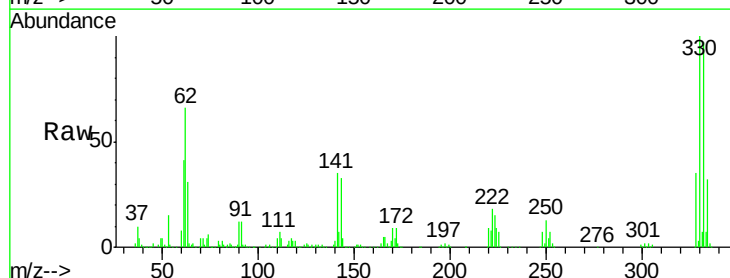
Manual Integrations
APPROVED

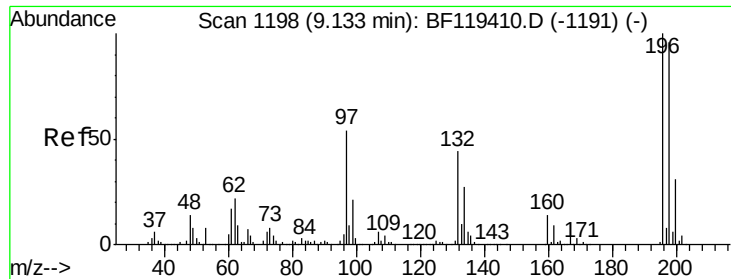
mohammad
3/25/2020 12:29:45 PM



#42
2,4,6-Tribromophenol
Concen: 122.687 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion:	330	Resp:	767575
Ion Ratio	Lower	Upper	
330	100		
332	98.1	77.6	116.4
141	32.0	26.6	40.0





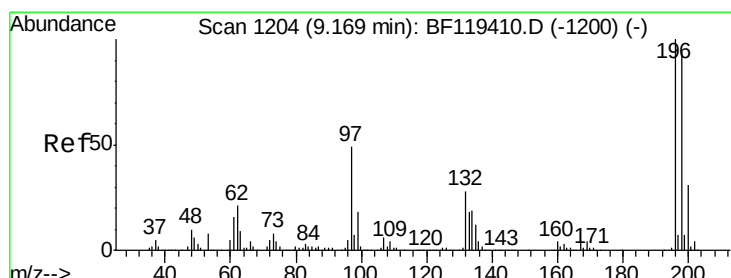
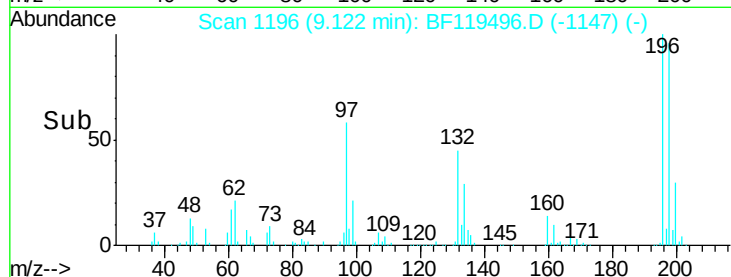
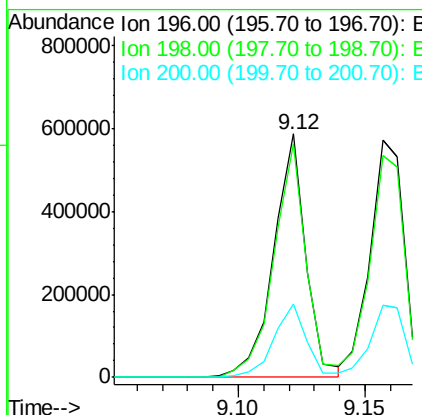
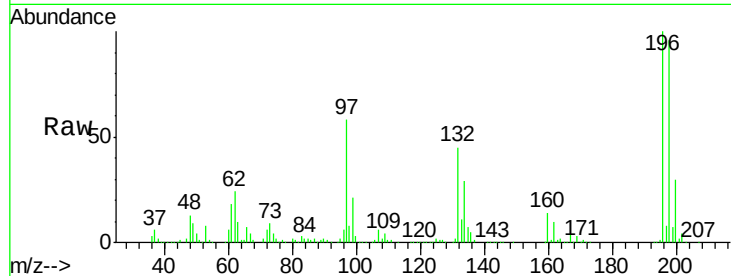
#43
 2,4,6-Trichlorophenol
 Concen: 41.058 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF119496.D
 Acq: 24 Mar 2020 20:10

Instrument :
 BNA_F
 ClientSampleId :
 PB127730BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	522260		
198	95.9	77.0	115.4	
200	30.0	25.1	37.7	

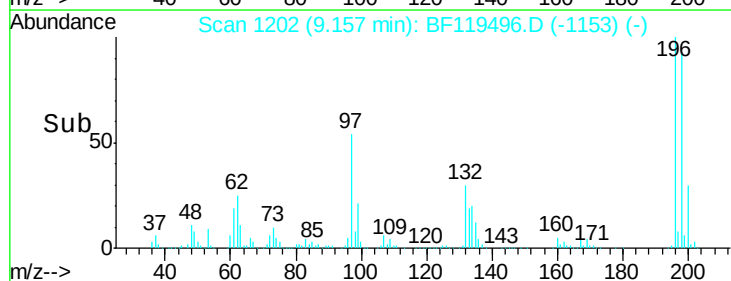
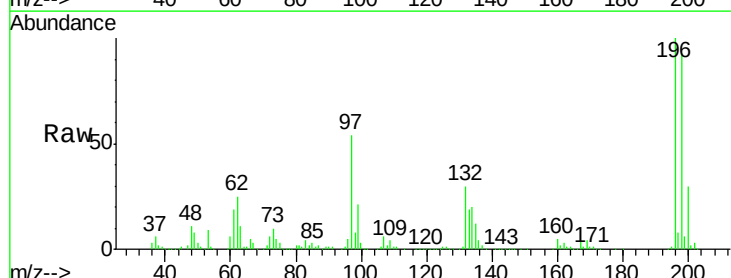
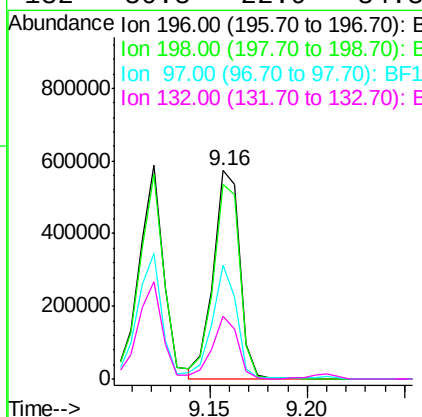
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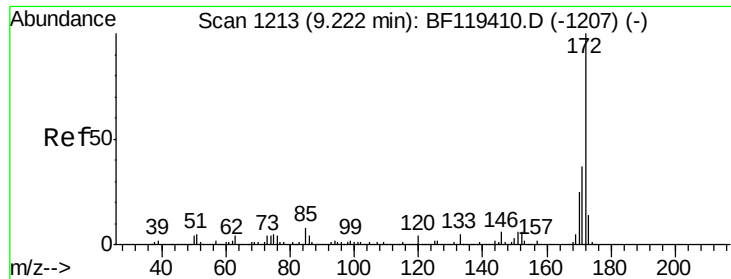
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 37.755 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF119496.D
 Acq: 24 Mar 2020 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	537987		
198	93.4	75.3	112.9	
97	54.5	39.0	58.4	
132	30.3	22.9	34.3	





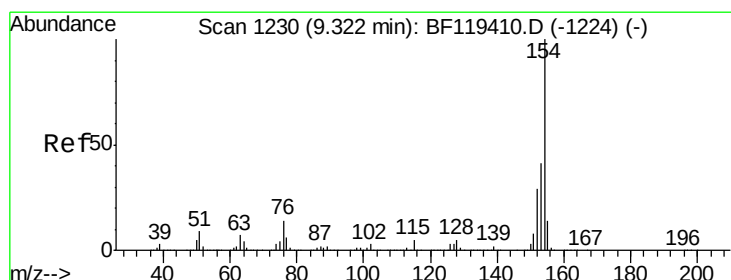
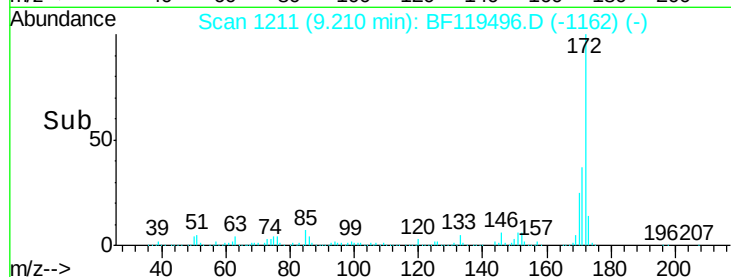
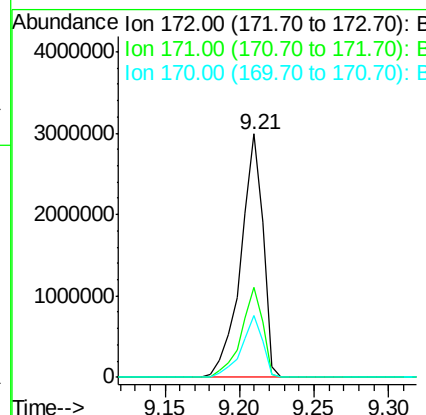
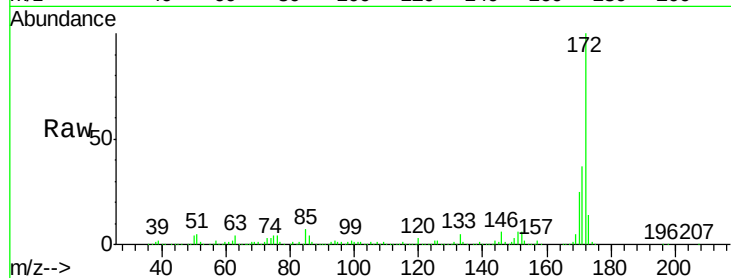
#45
2-Fluorobiphenyl
Concen: 76.015 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Instrument :
BNA_F
ClientSampleId :
PB127730BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.9	44.9
170	25.5	20.1	30.1

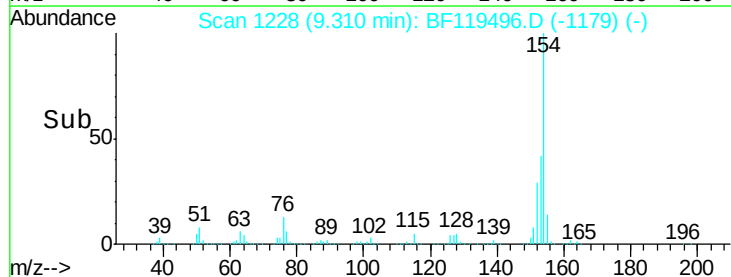
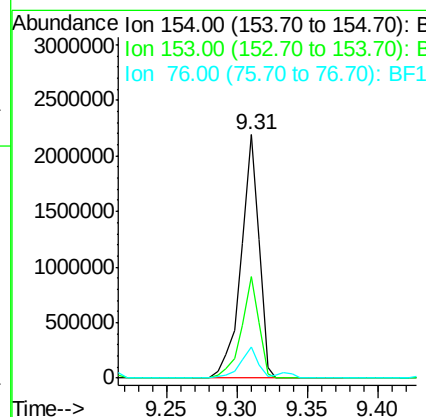
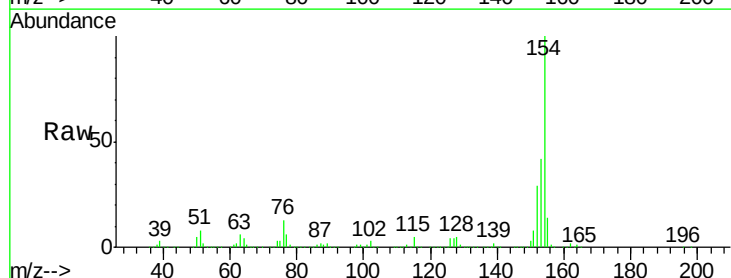
Manual Integrations
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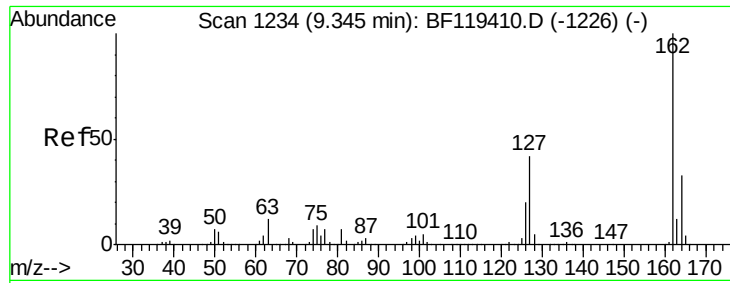
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#46
1,1'-Biphenyl
Concen: 38.939 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.4	61.4
76	12.9	0.0	33.6





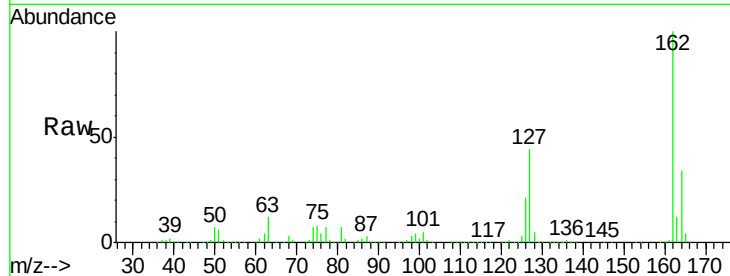
#47
2-Chloronaphthalene
Concen: 38.612 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Instrument :
BNA_F
ClientSampleId :
PB127730BS

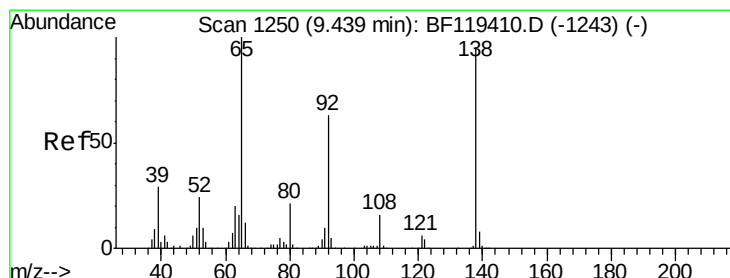
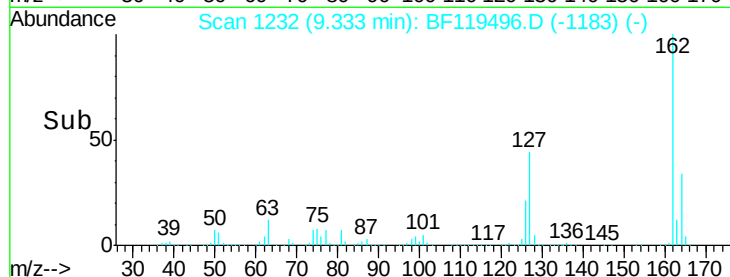
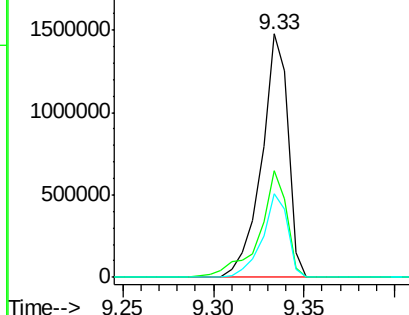
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.7	33.7	50.5
164	34.4	26.2	39.4

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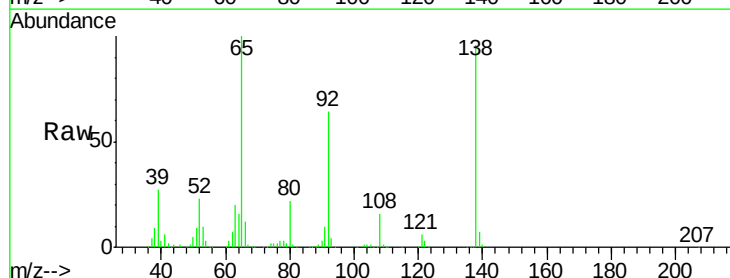


Abundance Ion 162.00 (161.70 to 162.70): E
2000000
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

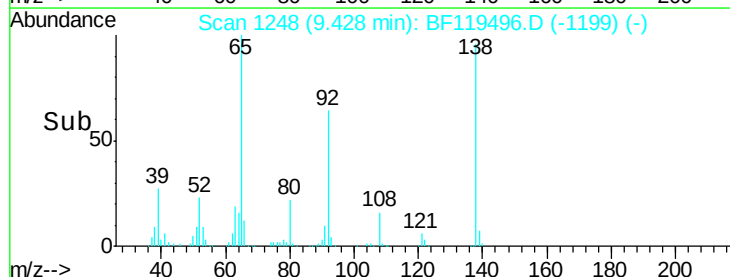
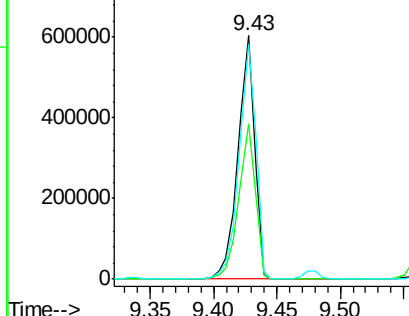


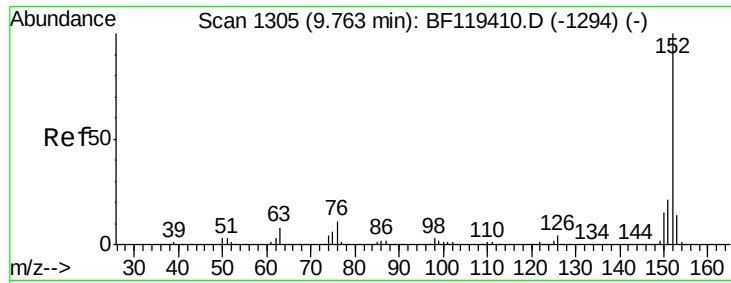
#48
2-Nitroaniline
Concen: 40.685 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.9	50.5	75.7
138	96.1	75.8	113.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
800000
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.800 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Instrument :

BNA_F

ClientSampleId :

PB127730BS

Tot Ion:152 Resp: 2357311

Ion Ratio Lower Upper

152 100

151 21.7 16.8 25.2

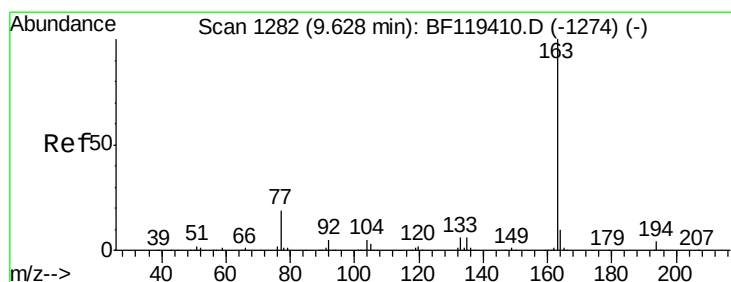
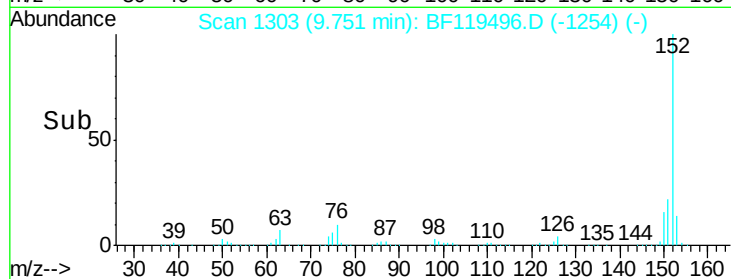
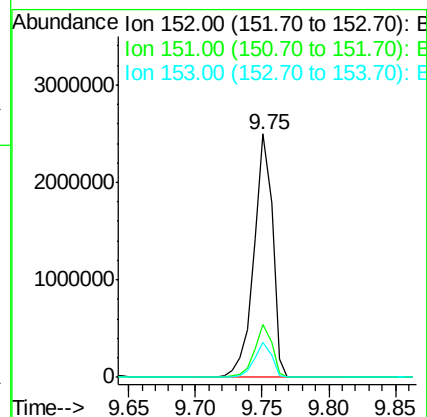
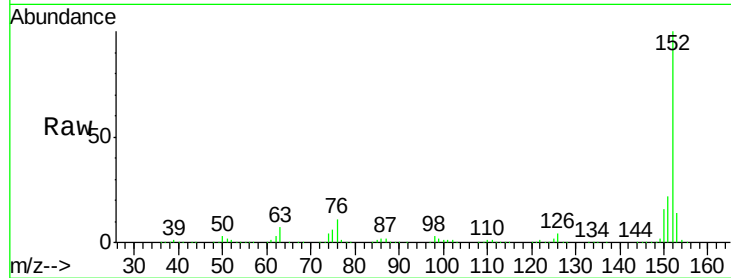
153 14.1 11.2 16.8

Manual Integrations

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#50

Dimethylphthalate

Concen: 40.608 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

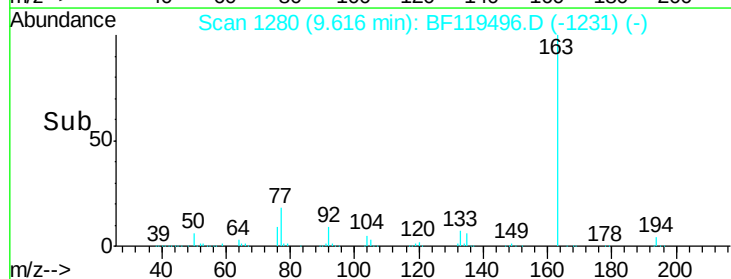
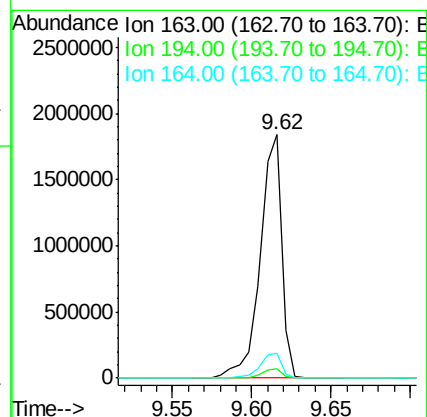
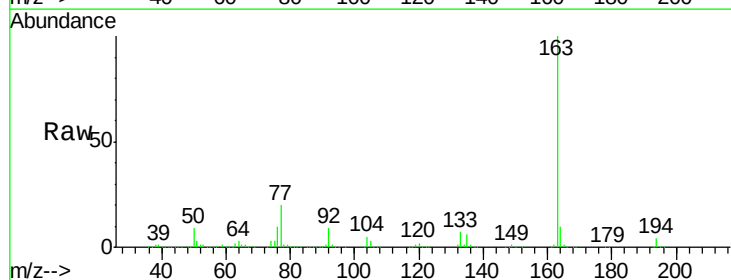
Tgt Ion:163 Resp: 1749178

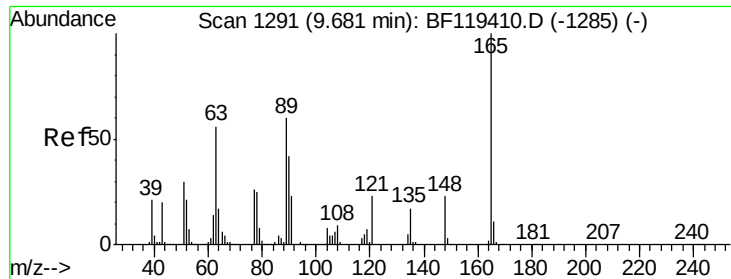
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.1 8.1 12.1





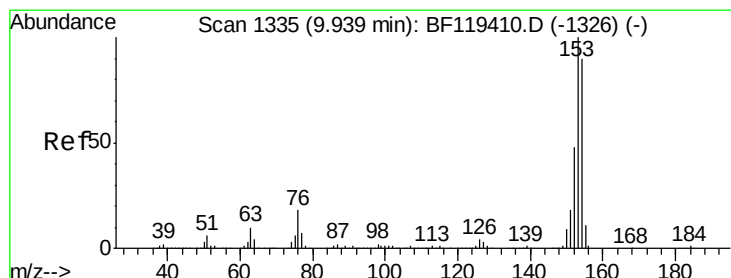
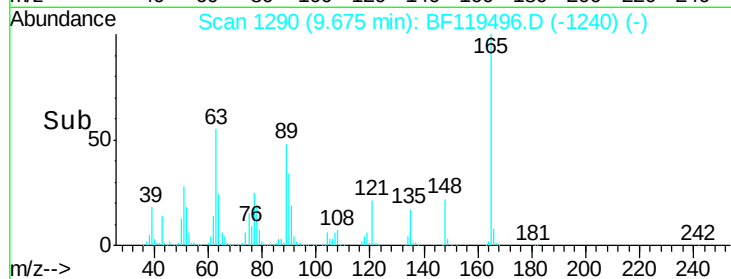
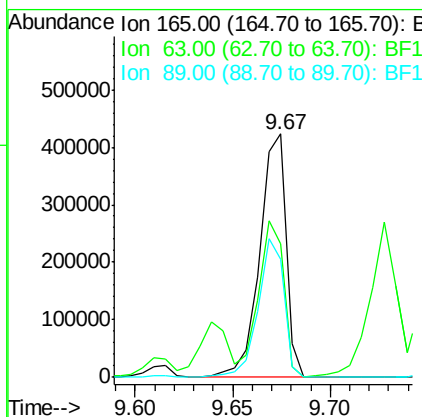
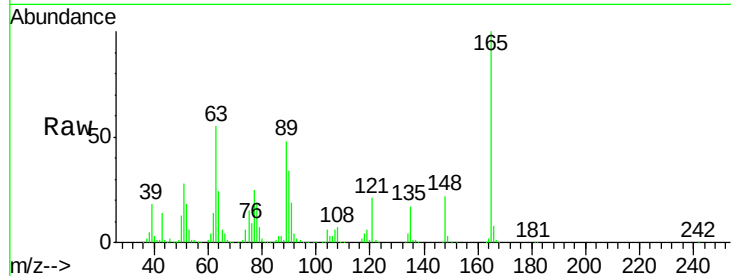
#51
 2,6-Dinitrotoluene
 Concen: 43.023 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF119496.D
 Acq: 24 Mar 2020 20:10

Instrument :
 BNA_F
 ClientSampleId :
 PB127730BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	397226		
63	54.9	57.3	85.9#	
89	48.3	47.8	71.8	

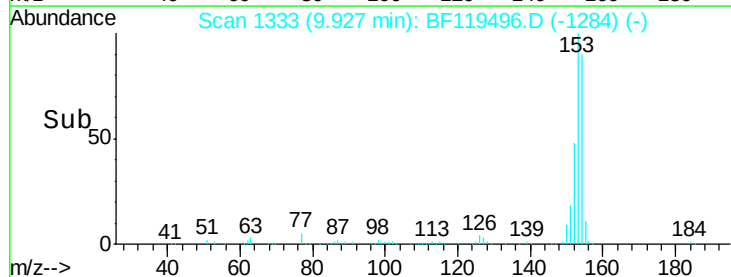
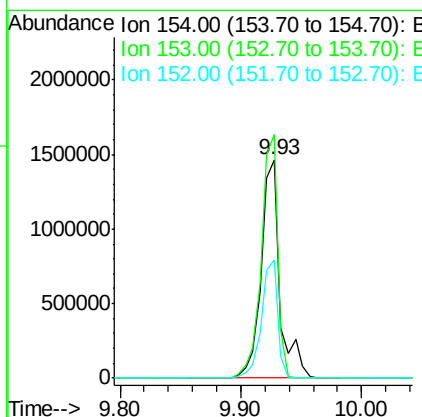
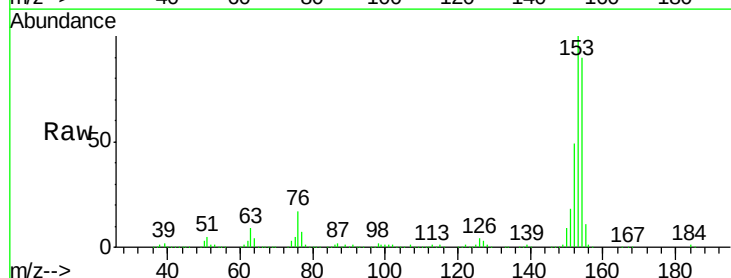
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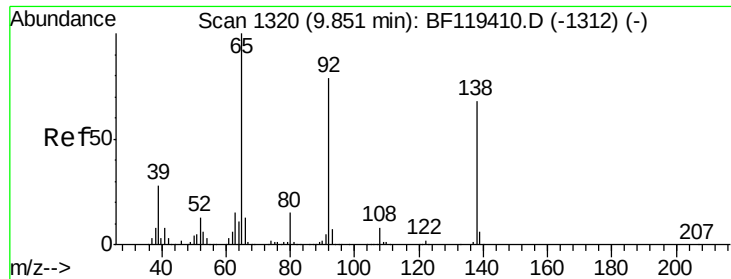
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#52
 Acenaphthene
 Concen: 42.217 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF119496.D
 Acq: 24 Mar 2020 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1598983		
153	111.4	89.0	133.6	
152	54.1	43.1	64.7	





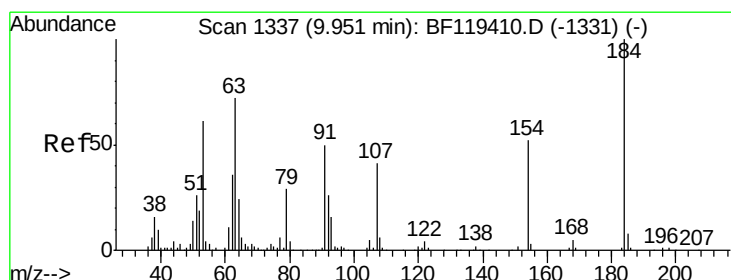
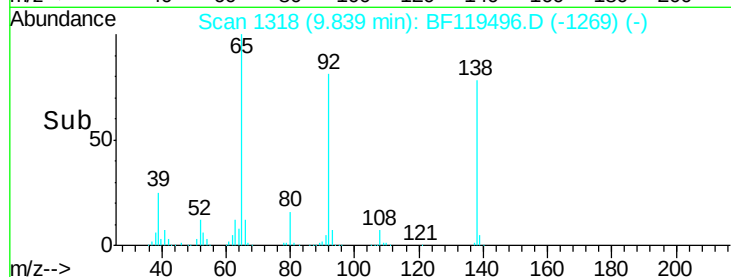
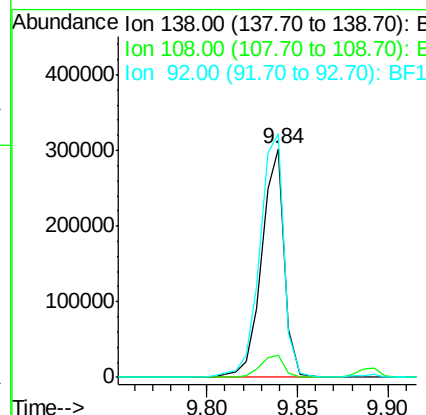
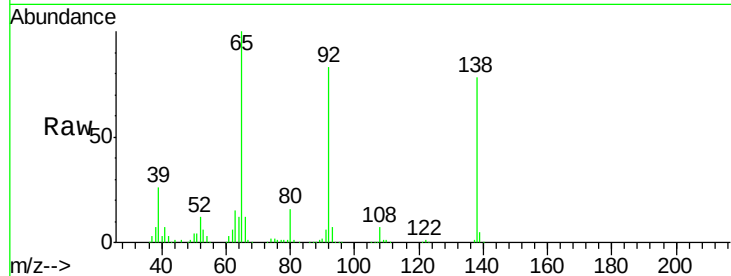
#53
3-Nitroaniline
Concen: 22.634 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Instrument :
BNA_F
ClientSampleId :
PB127730BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	263826		
108	9.5	9.0	13.6	
92	106.7	93.2	139.8	

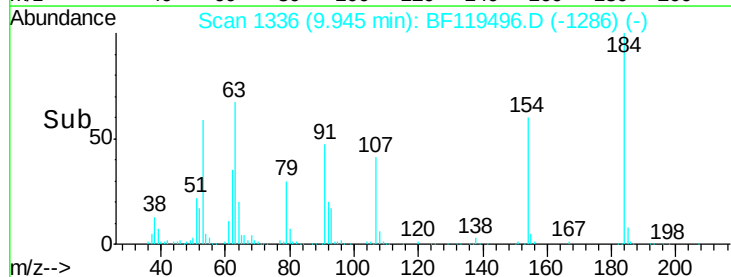
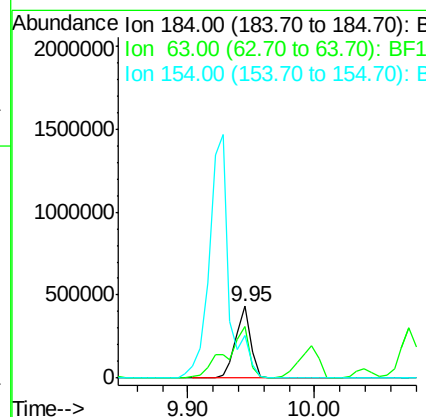
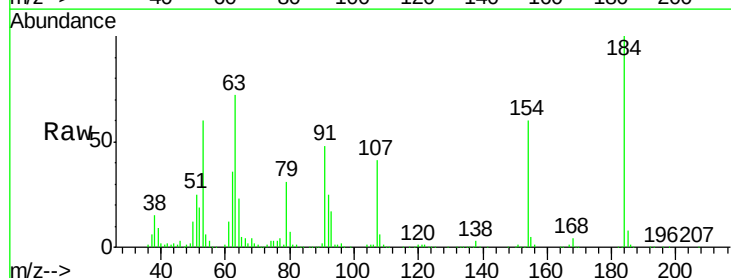
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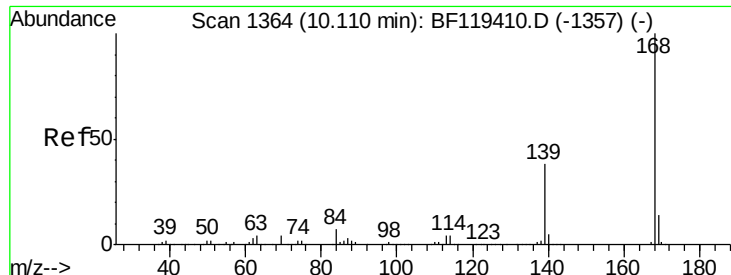
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#54
2,4-Dinitrophenol
Concen: 88.162 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	355476		
63	71.7	58.5	87.7	
154	59.9	51.8	77.6	





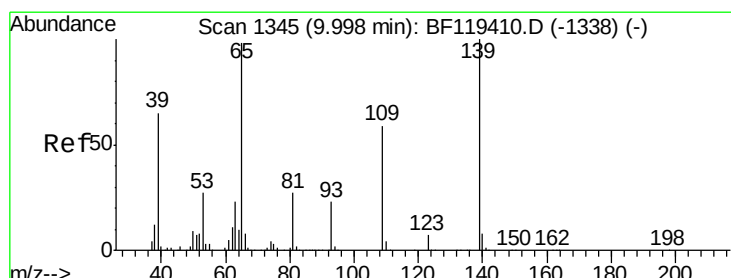
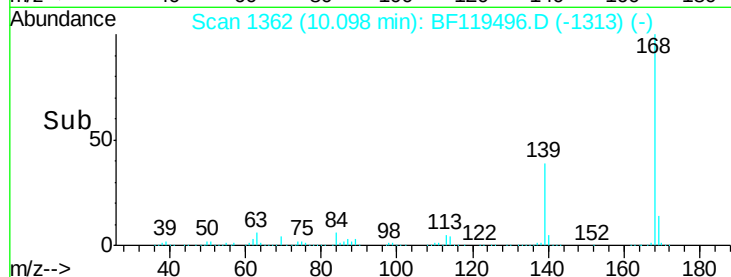
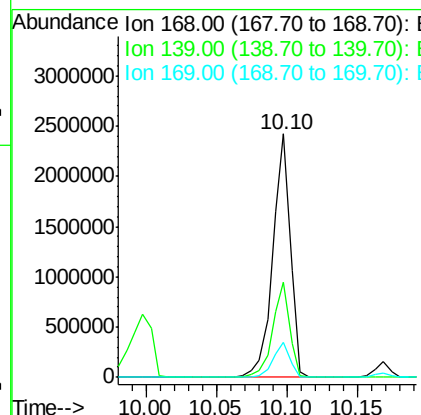
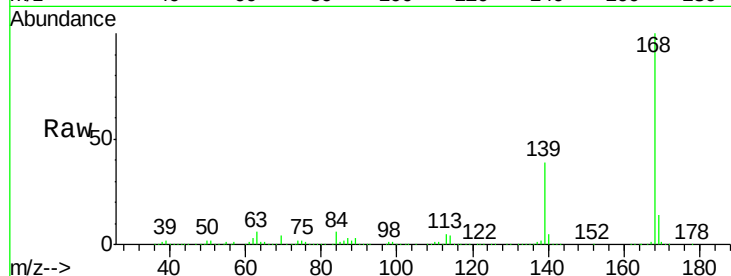
#55
Dibenzenofuran
Concen: 39.221 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Instrument :
BNA_F
ClientSampleId :
PB127730BS

Tot Ion:168 Resp: 2129863
Ion Ratio Lower Upper
168 100
139 38.9 30.2 45.4
169 14.1 11.1 16.7

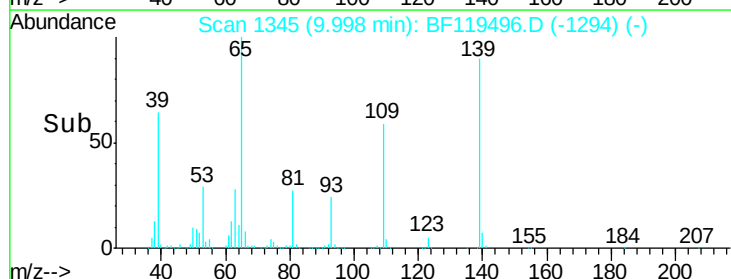
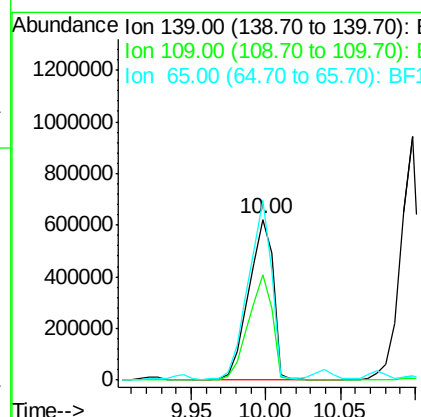
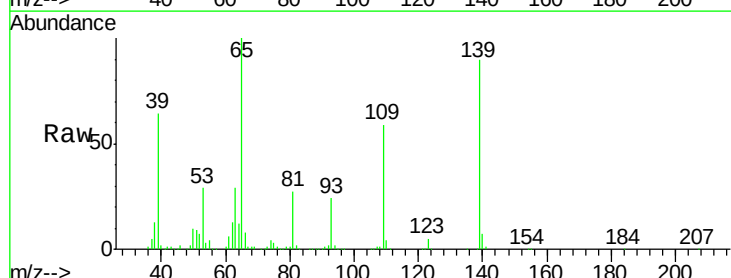
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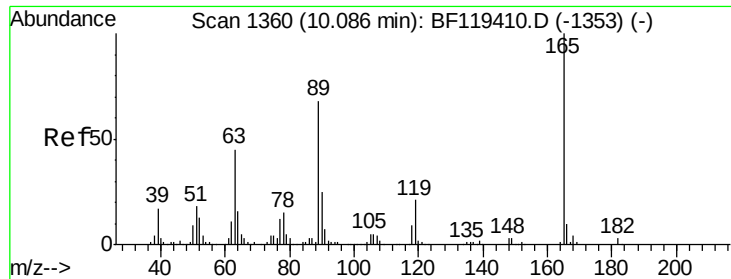
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#56
4-Nitrophenol
Concen: 77.335 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion:139 Resp: 711121
Ion Ratio Lower Upper
139 100
109 65.6 39.6 79.6
65 111.7 78.3 118.3





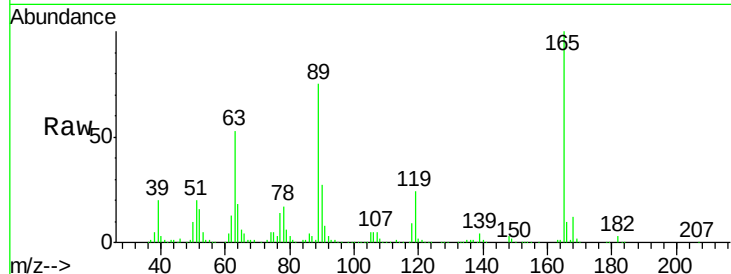
#57
2,4-Dinitrotoluene
Concen: 45.885 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Instrument :
BNA_F
ClientSampleId :
PB127730BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		533685		
63	52.9	36.2		54.4	
89	75.4	54.3		81.5	
182	2.5	2.0		3.0	

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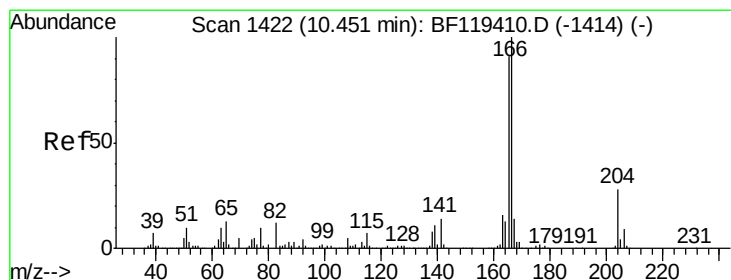
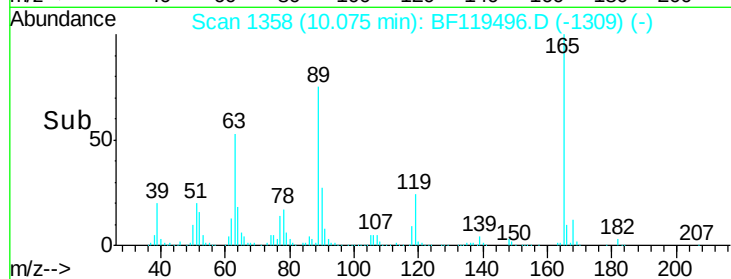
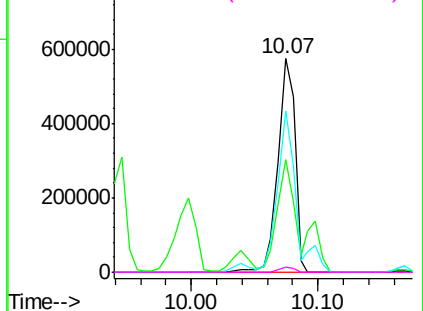


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

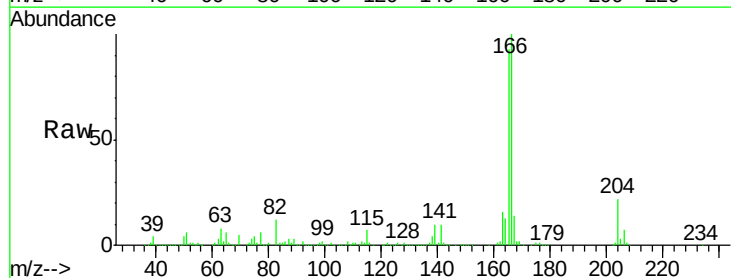
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.407 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

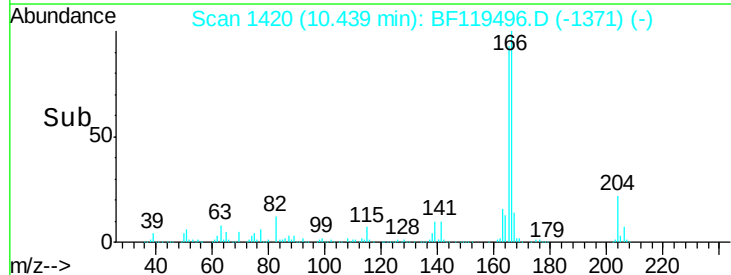
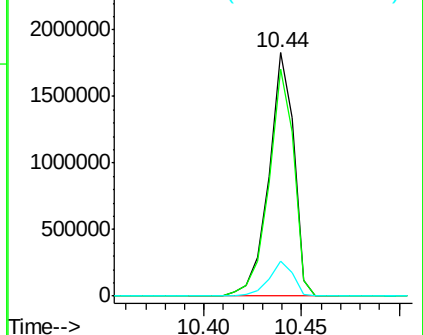
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1622610		
165	93.3	73.1		109.7	
167	14.2	11.0		16.6	

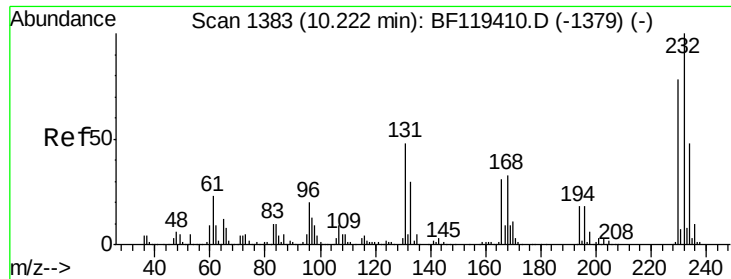


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





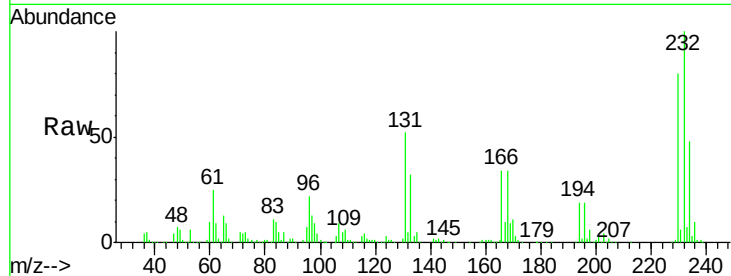
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.656 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Instrument :
BNA_F
ClientSampleId :
PB127730BS

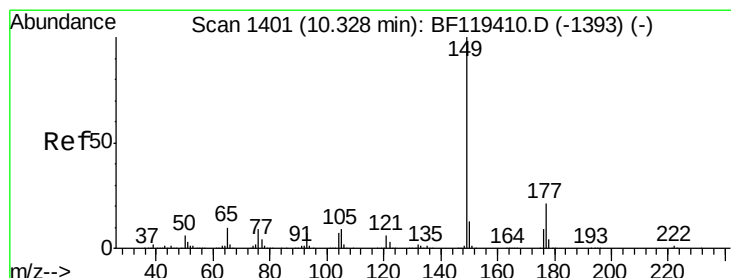
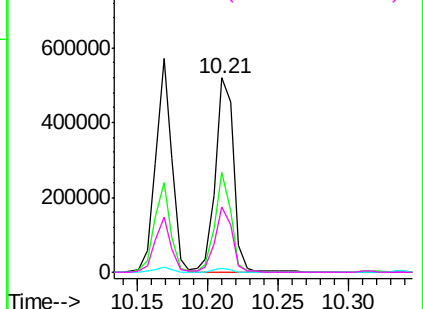
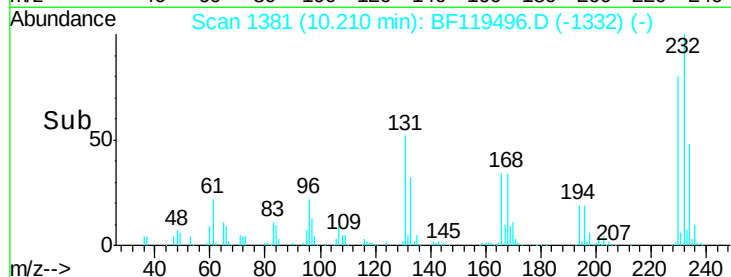
Tot Ion	Ratio	Lower	Upper
232	100		
131	45.4	36.3	54.5
130	2.0	1.8	2.6
166	31.9	24.9	37.3

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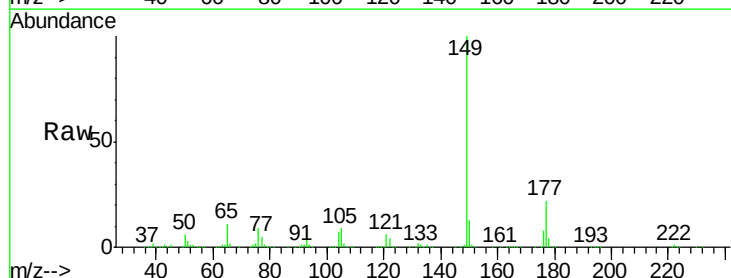


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

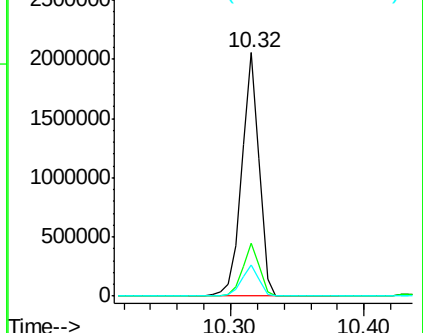
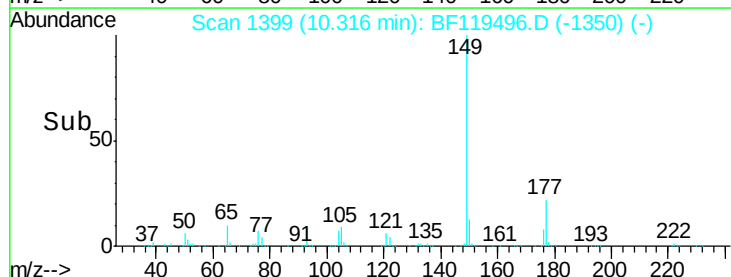


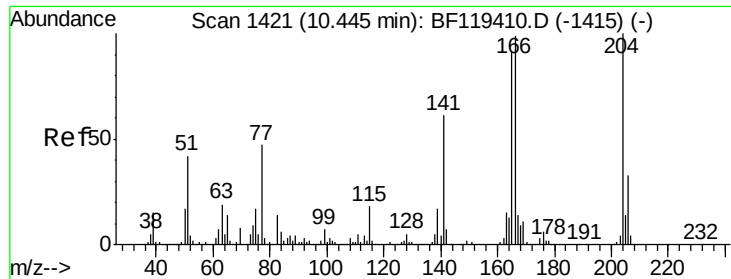
#60
Diethylphthalate
Concen: 42.149 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.0	25.6
150	13.0	10.2	15.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





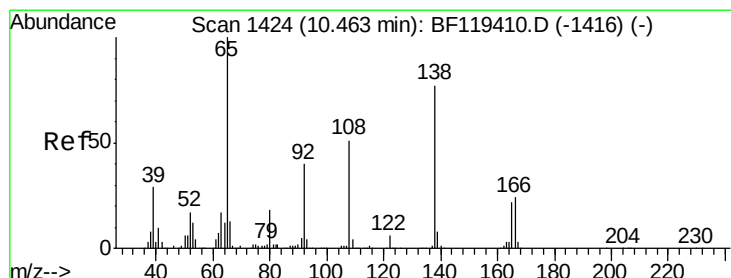
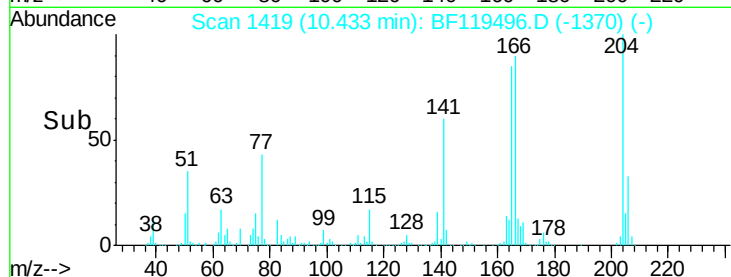
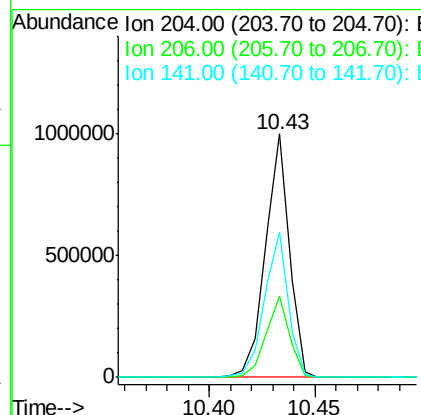
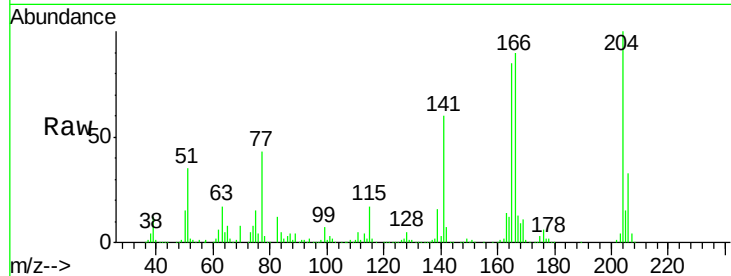
#61
 4-Chlorophenyl-phenylether
 Concen: 40.436 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF119496.D
 Acq: 24 Mar 2020 20:10

Instrument :
 BNA_F
 ClientSampleId :
 PB127730BS

Tot Ion:	204	Resp:	794049
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.7	40.1
141	59.7	48.8	73.2

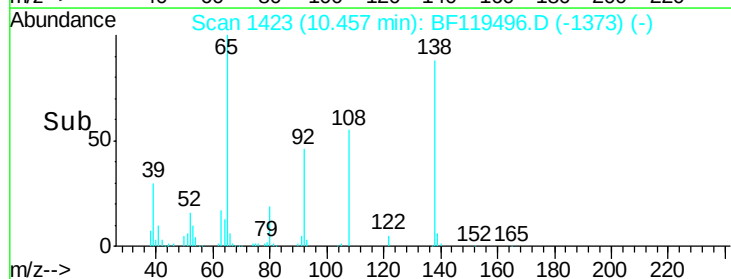
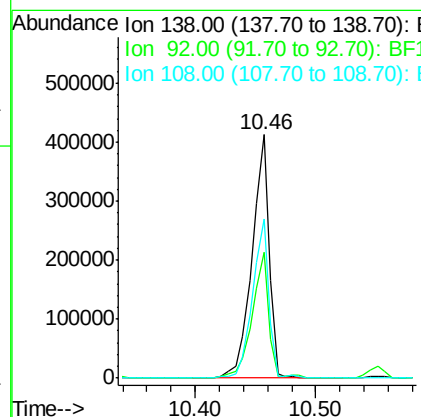
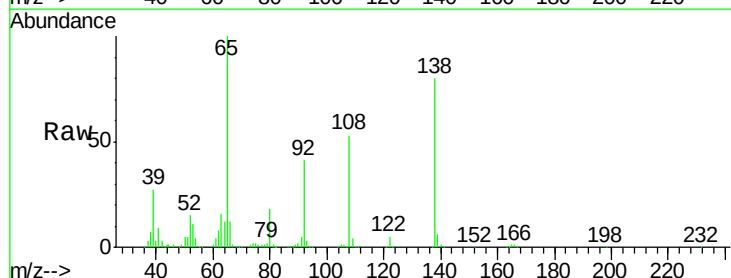
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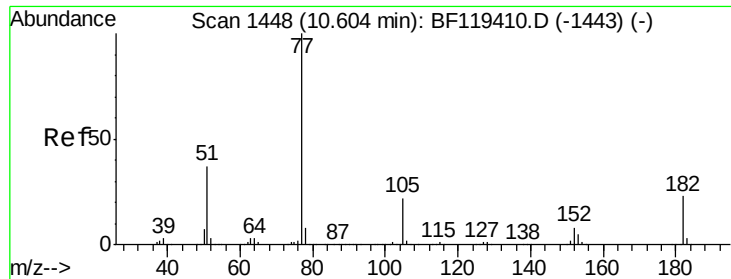
mohammad
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#62
 4-Nitroaniline
 Concen: 36.834 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF119496.D
 Acq: 24 Mar 2020 20:10

Tgt Ion:	138	Resp:	411721
Ion Ratio	Lower	Upper	
138	100		
92	51.6	32.0	72.0
108	65.5	46.0	86.0





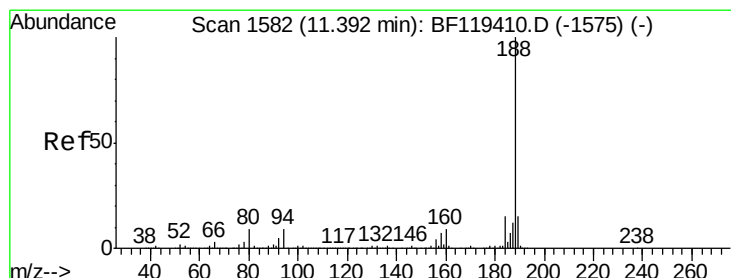
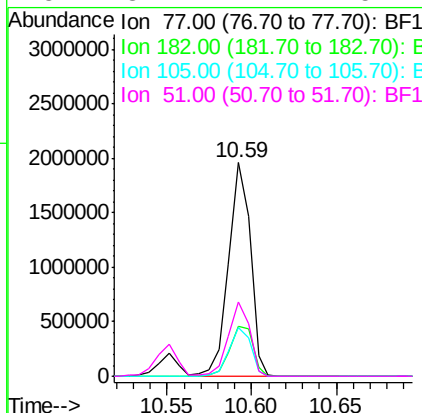
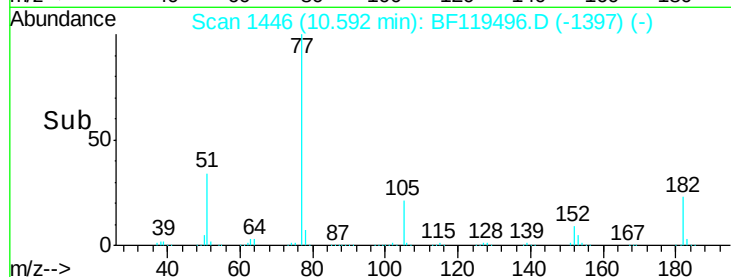
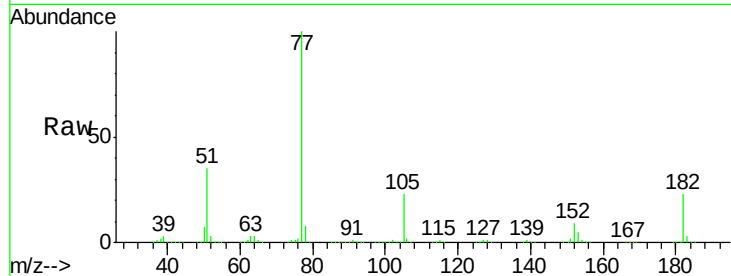
#63
Azobenzene
Concen: 39.785 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Instrument :
BNA_F
ClientSampleId :
PB127730BS

Tot Ion: 77 Resp: 1751544
Ion Ratio Lower Upper
77 100
182 23.2 2.5 42.5
105 23.0 2.5 42.5
51 34.7 17.1 57.1

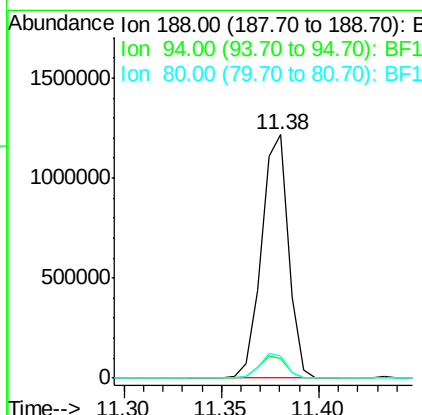
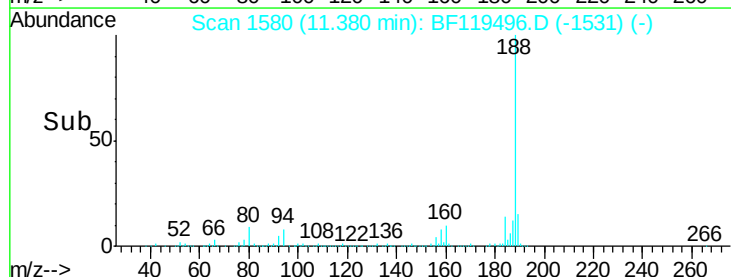
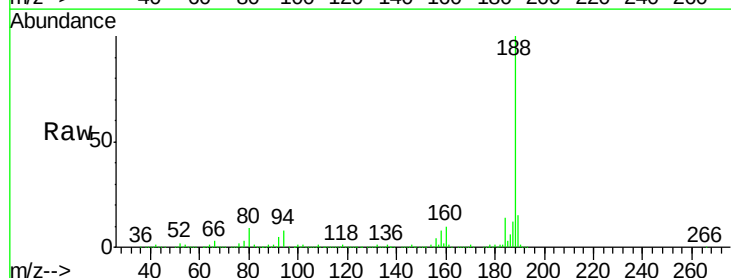
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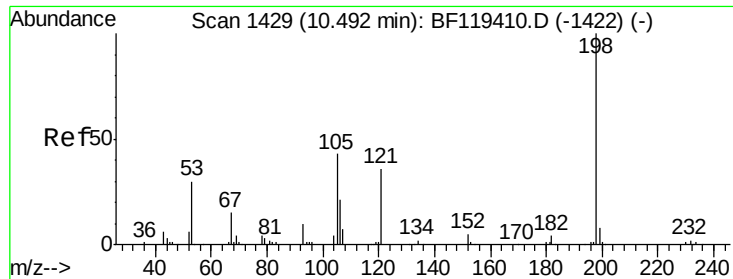
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion: 188 Resp: 1165102
Ion Ratio Lower Upper
188 100
94 8.3 7.1 10.7
80 9.2 7.5 11.3





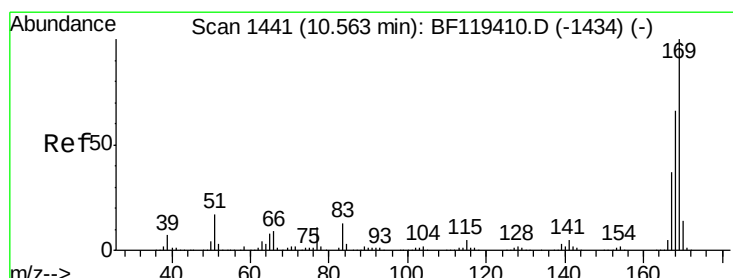
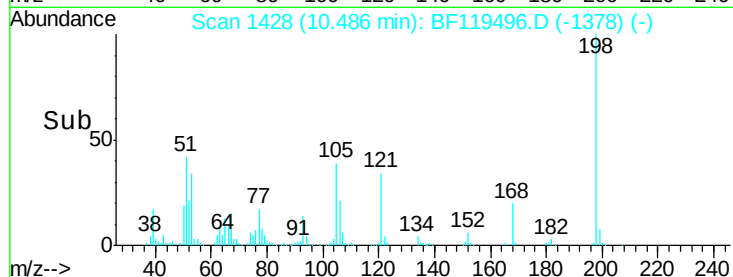
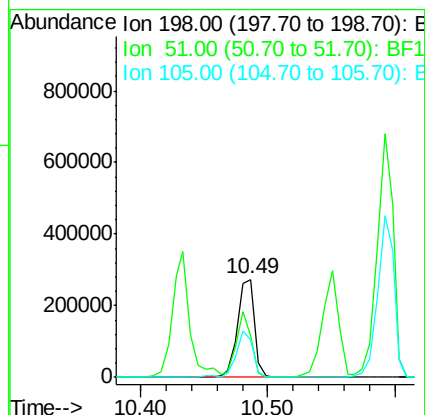
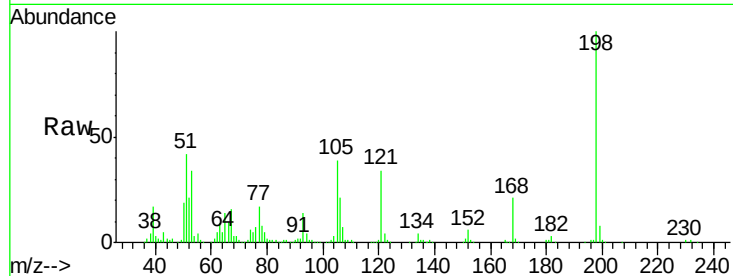
#65
4,6-Dinitro-2-methylphenol
Concen: 51.238 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Instrument :
BNA_F
ClientSampleId :
PB127730BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	250326		
51	42.2		33.1	73.1
105	38.7		24.1	64.1

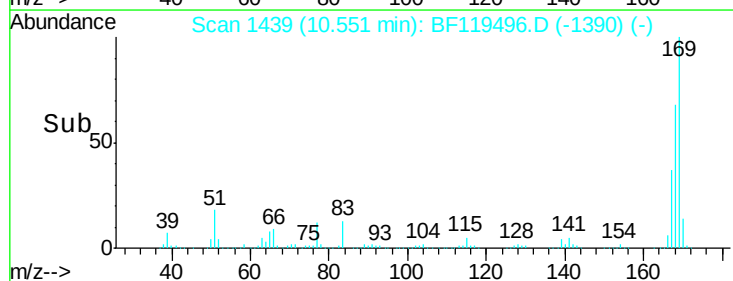
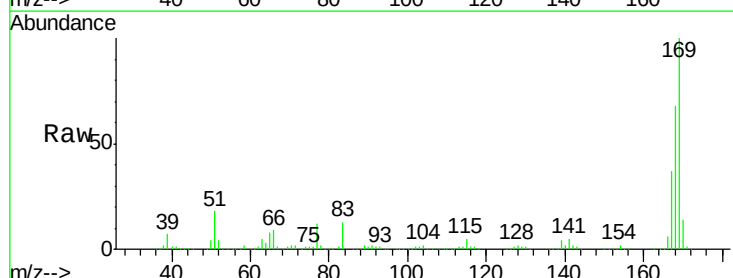
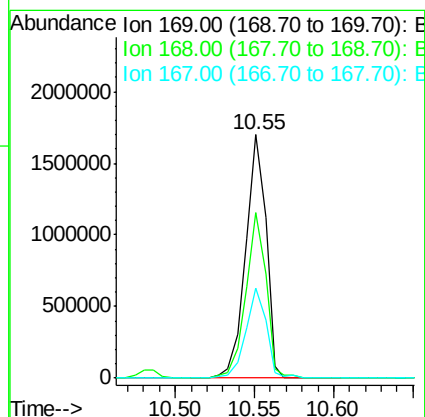
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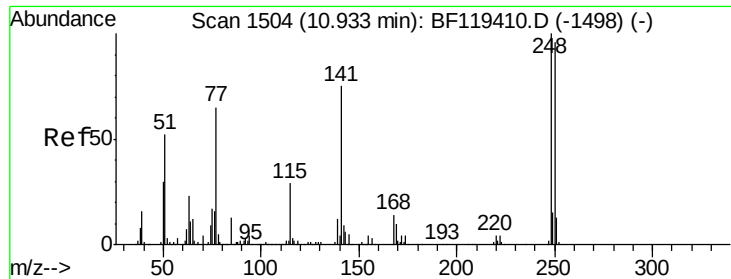
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#66
n-Nitrosodiphenylamine
Concen: 39.738 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1519924		
168	67.8		52.7	79.1
167	36.9		29.3	43.9





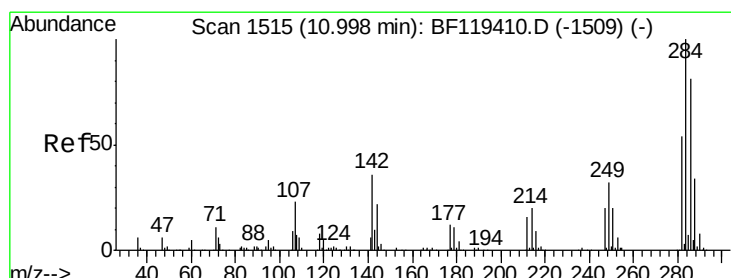
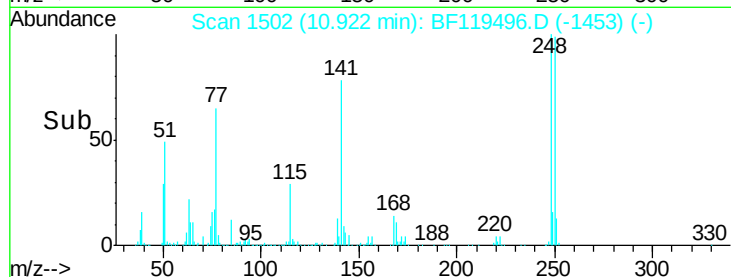
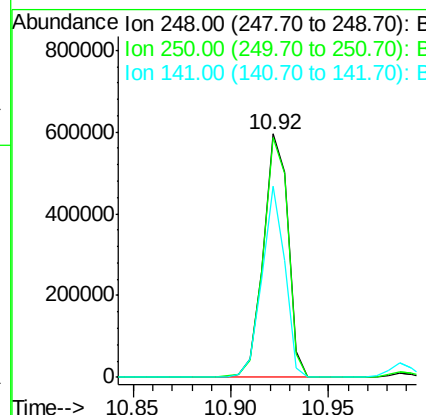
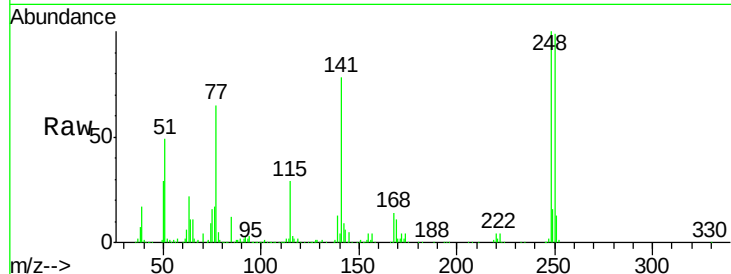
#67
4-Bromophenyl-phenylether
Concen: 39.215 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Instrument :
BNA_F
ClientSampleId :
PB127730BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	77.0	115.6
141	78.4	59.7	89.5

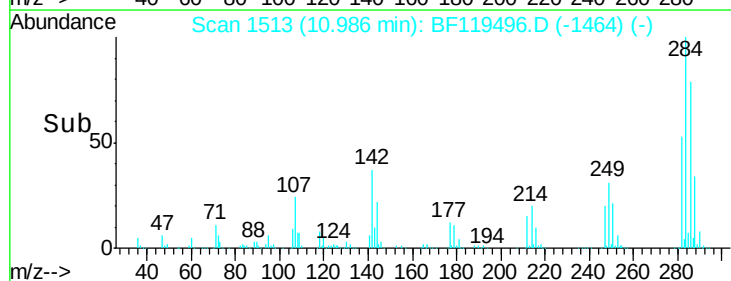
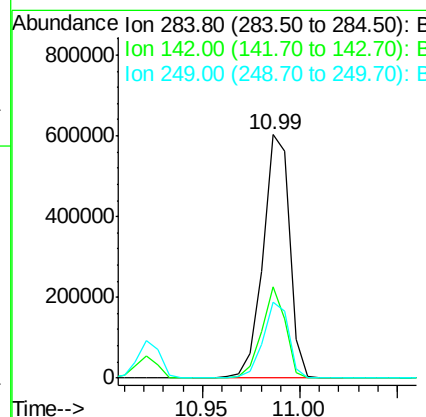
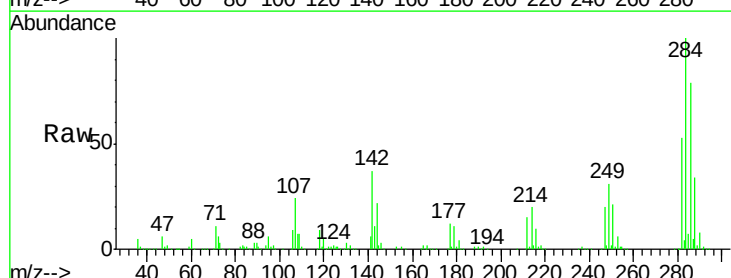
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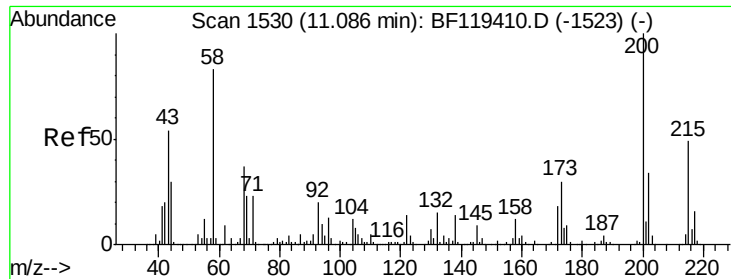
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#68
Hexachlorobenzene
Concen: 41.680 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.5	28.7	43.1
249	31.4	25.4	38.0





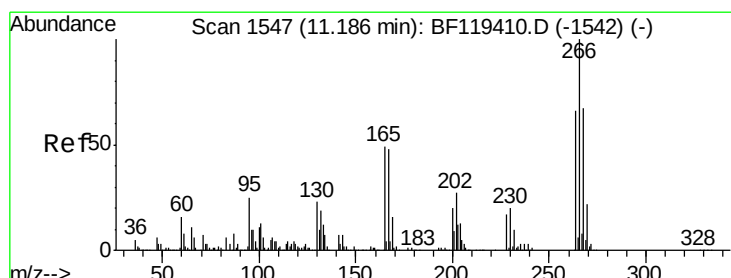
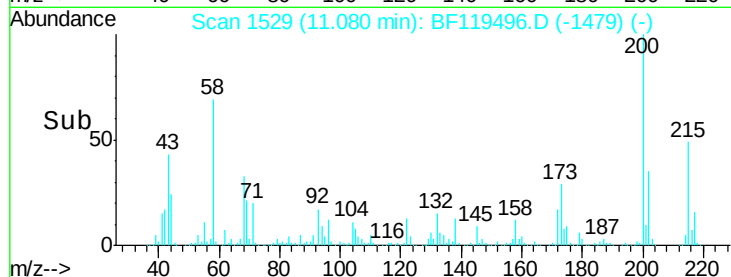
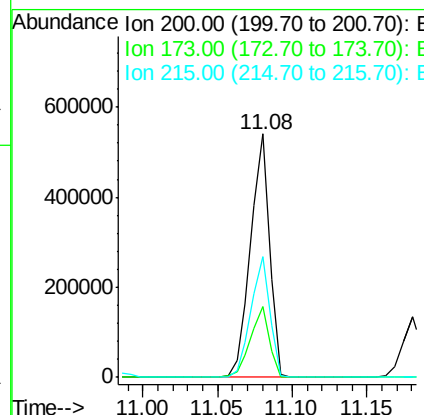
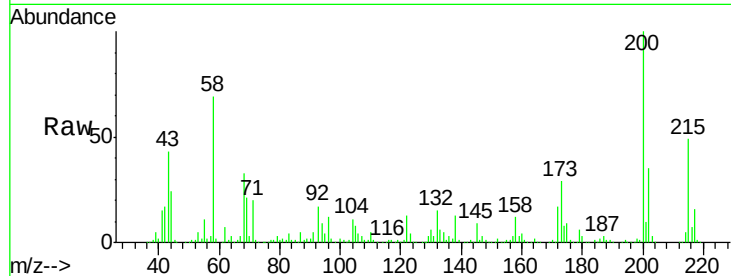
#69
Atrazine
Concen: 45.614 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Instrument :
BNA_F
ClientSampleId :
PB127730BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.1	9.9	49.9
215	49.4	29.4	69.4

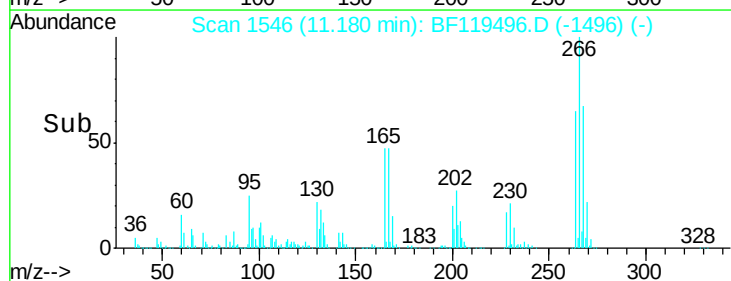
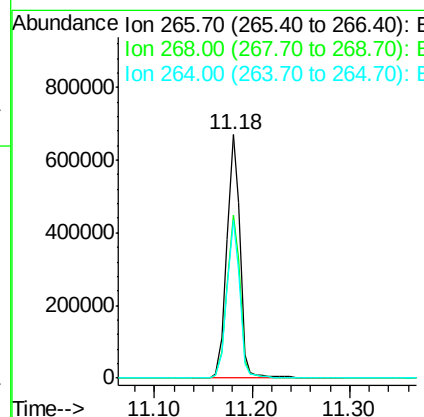
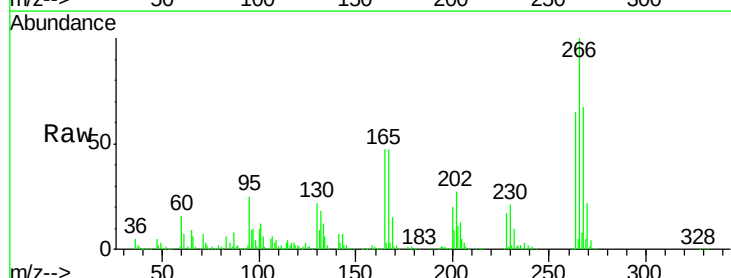
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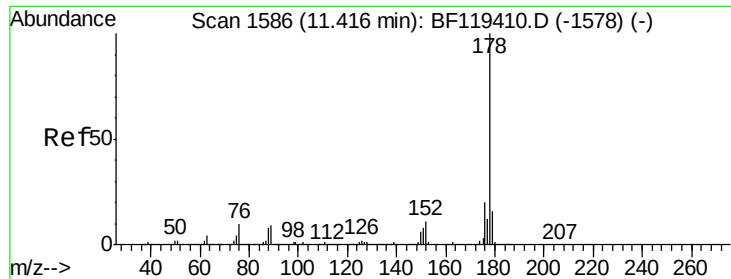
mohammad
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#70
Pentachlorophenol
Concen: 79.551 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	67.0	53.7	80.5
264	64.8	52.5	78.7





#71

Phenanthrene

Concen: 39.269 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Instrument :

BNA_F

ClientSampleId :

PB127730BS

Tot Ion:178 Resp: 2372406

Ion Ratio Lower Upper

178 100

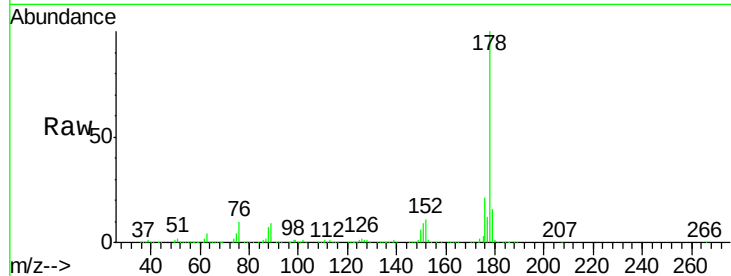
176 20.5 16.2 24.4

179 16.4 12.9 19.3

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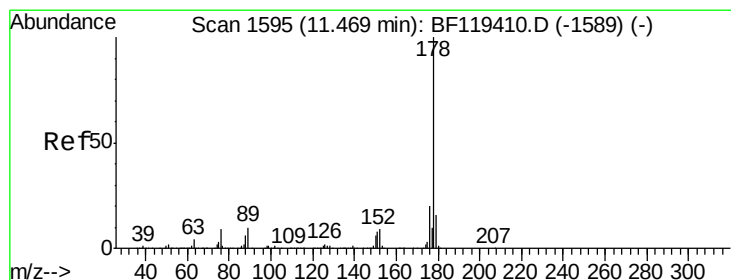
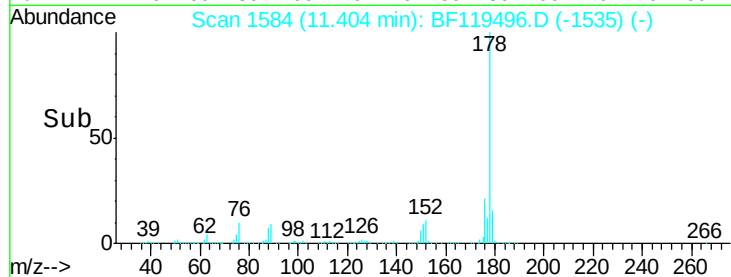
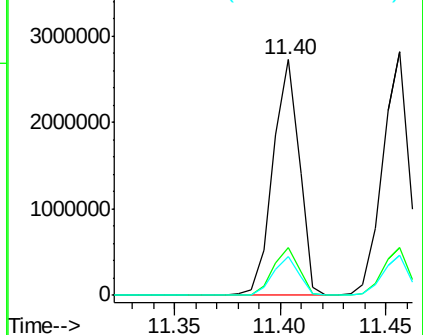
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.959 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Tgt Ion:178 Resp: 2453517

Ion Ratio Lower Upper

178 100

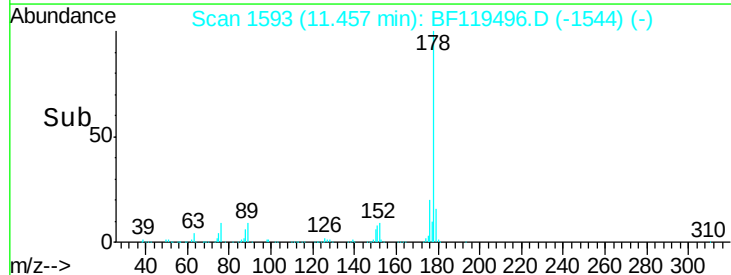
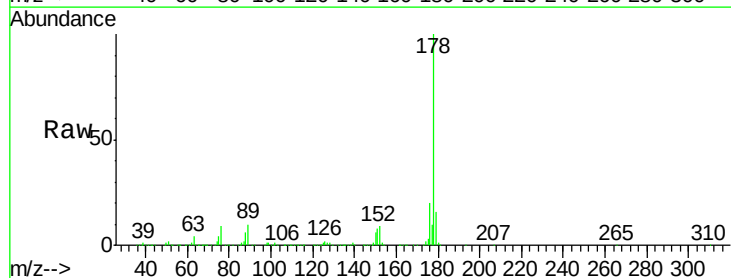
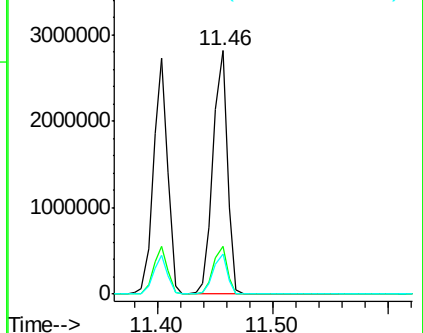
176 19.7 15.6 23.4

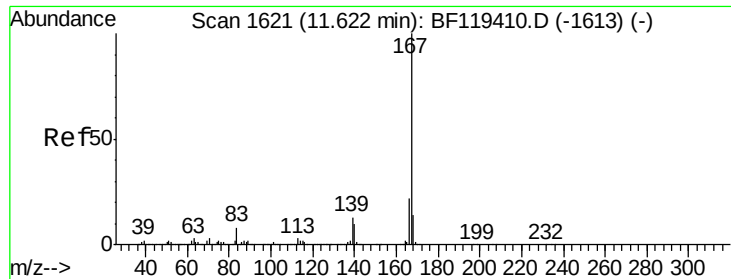
179 16.2 13.1 19.7

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 37.616 ng

RT: 11.61 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Instrument :

BNA_F

ClientSampleId :

PB127730BS

Tot Ion:167 Resp: 2286123

Ion Ratio Lower Upper

167 100

166 22.8 17.8 26.6

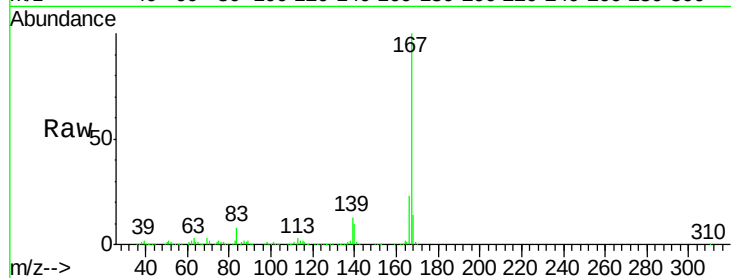
139 13.2 10.2 15.4

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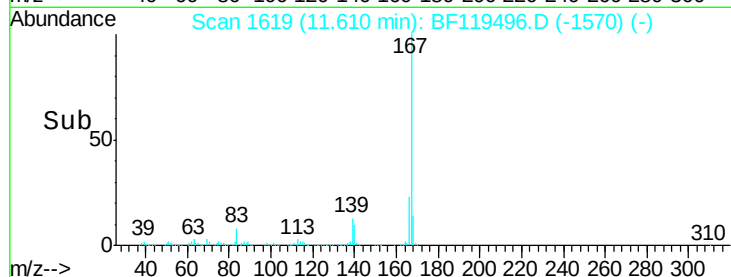


Abundance Ion 167.00 (166.70 to 167.70): E

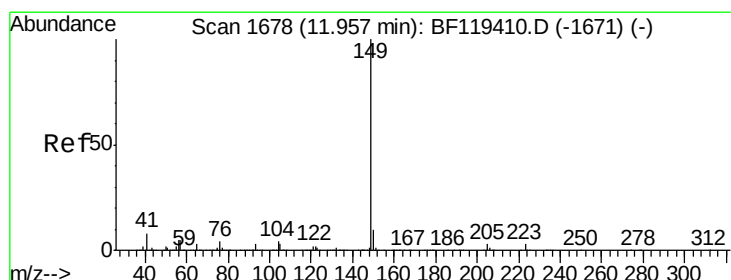
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->



Time-->



#74

Di-n-butylphthalate

Concen: 44.376 ng

RT: 11.95 min Scan# 1676

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

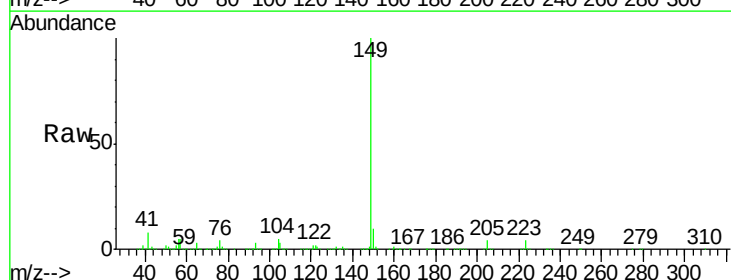
Tgt Ion:149 Resp: 2885000

Ion Ratio Lower Upper

149 100

150 10.0 7.6 11.4

104 4.7 3.5 5.3

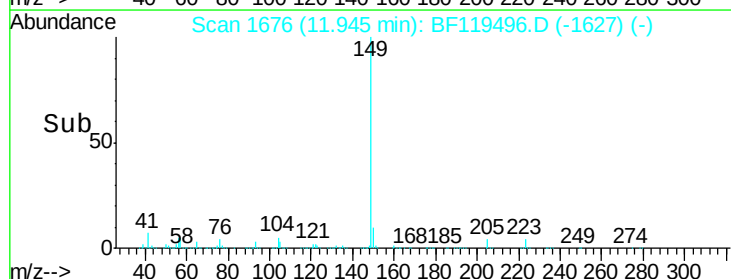


Abundance Ion 149.00 (148.70 to 149.70): E

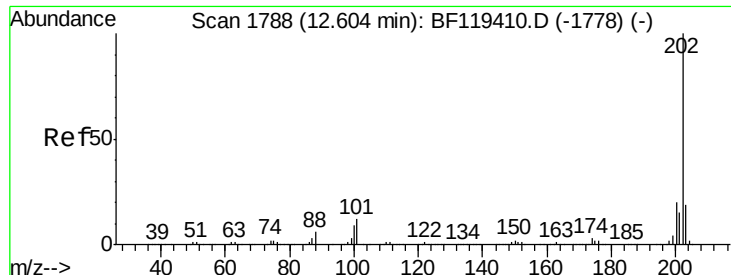
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->



Time-->



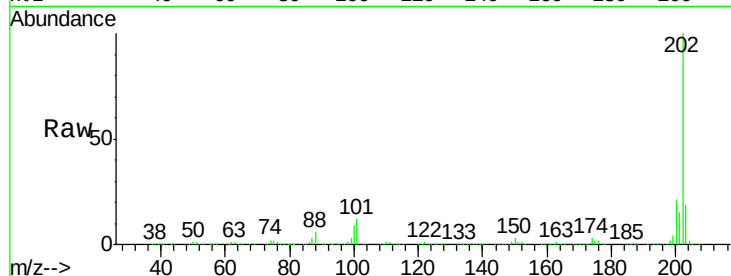
#75
 Fluoranthene
 Concen: 40.450 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BF119496.D
 Acq: 24 Mar 2020 20:10

Instrument :
 BNA_F
 ClientSampleId :
 PB127730BS

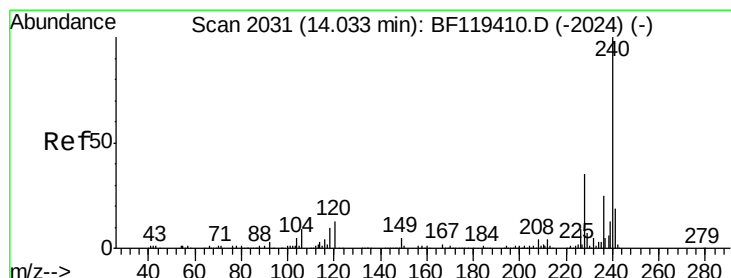
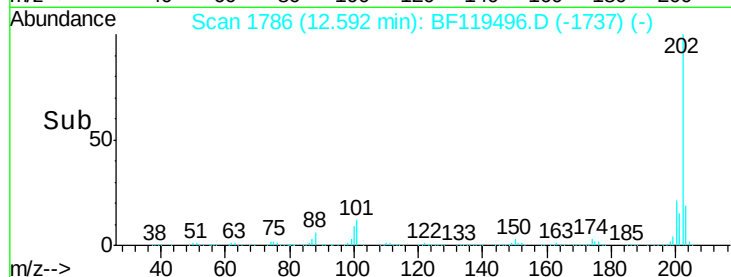
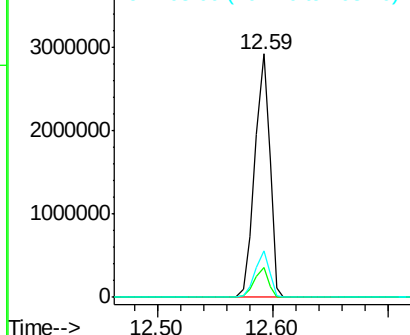
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.4
203	19.3	0.0	38.5

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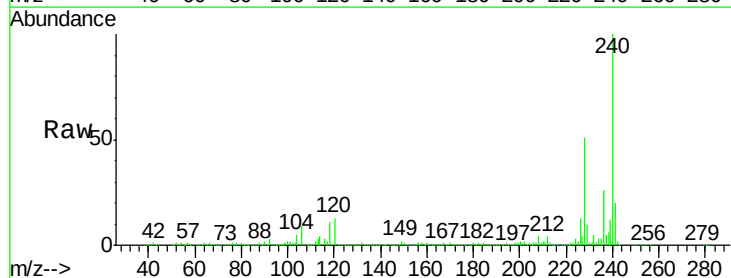


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

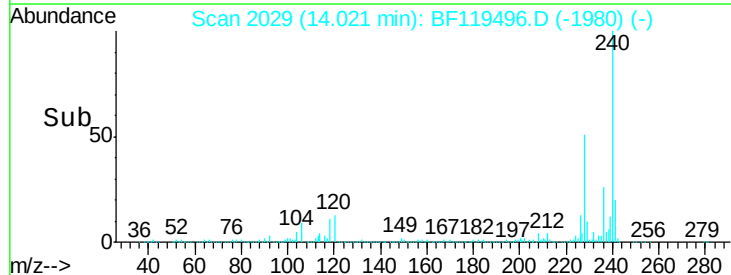
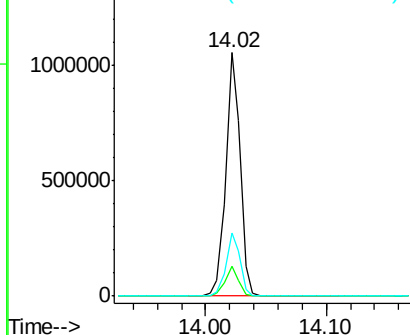


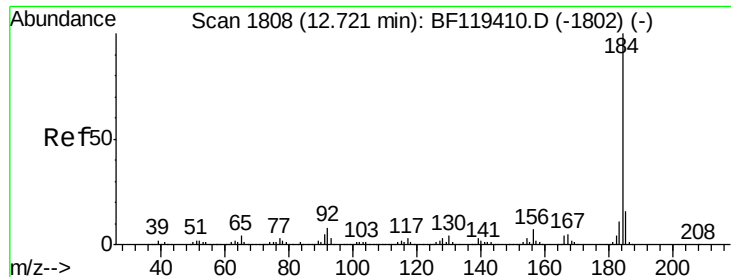
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF119496.D
 Acq: 24 Mar 2020 20:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.5	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: 37.524 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Instrument :

BNA_F

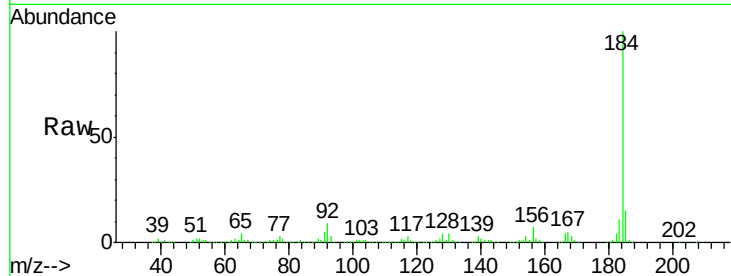
ClientSampleId :

PB127730BS

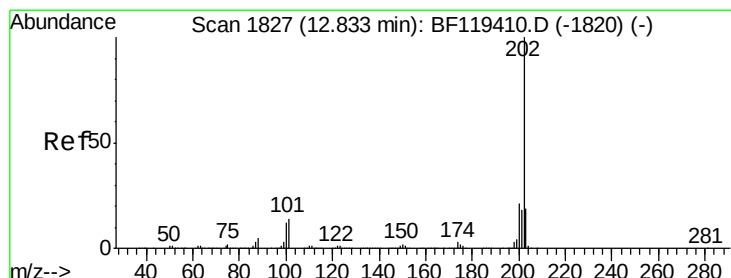
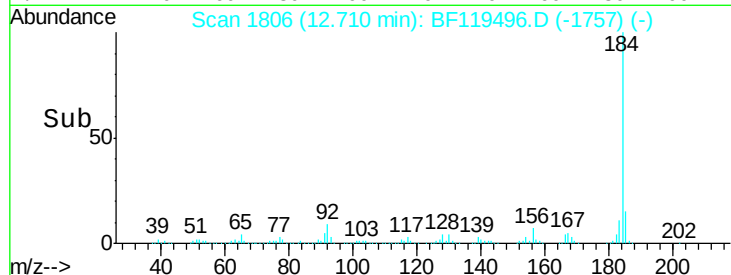
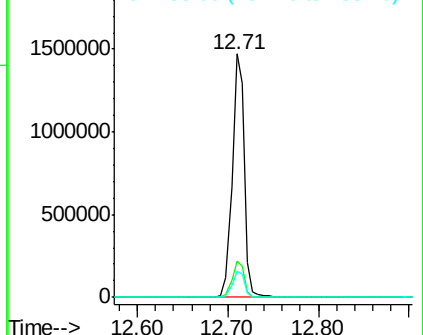
Tot Ion:	184	Resp:	1365176
Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.9	19.3
183	10.6	9.0	13.4

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Abundance Ion 184.00 (183.70 to 184.70): E
2000000
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.900 ng

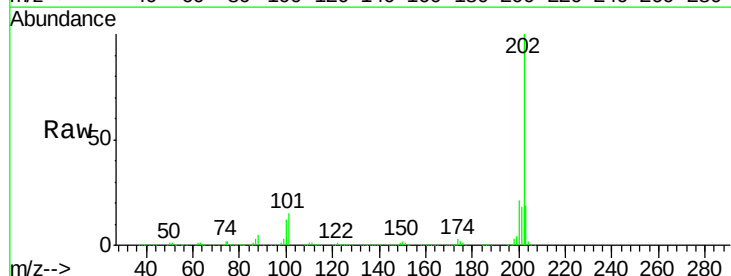
RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

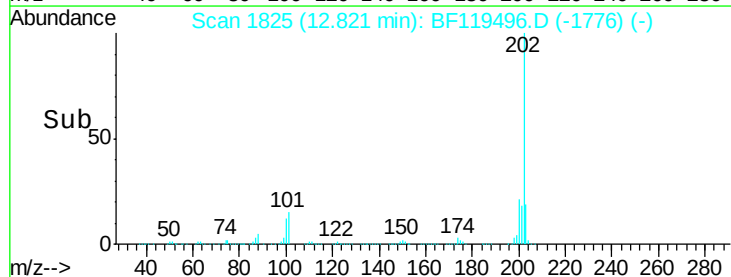
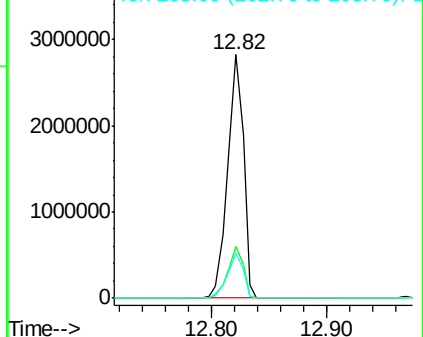
Lab File: BF119496.D

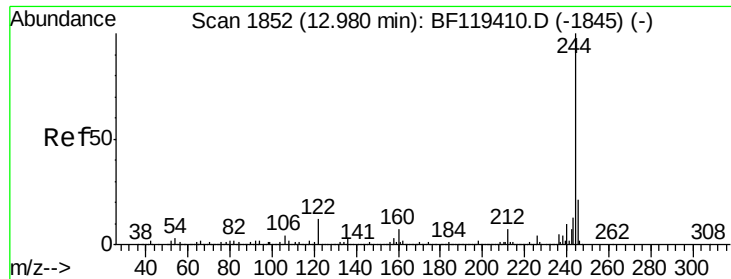
Acq: 24 Mar 2020 20:10

Tgt Ion:	202	Resp:	2673888
Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	18.6	14.8	22.2



Abundance Ion 202.00 (201.70 to 202.70): E
3000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





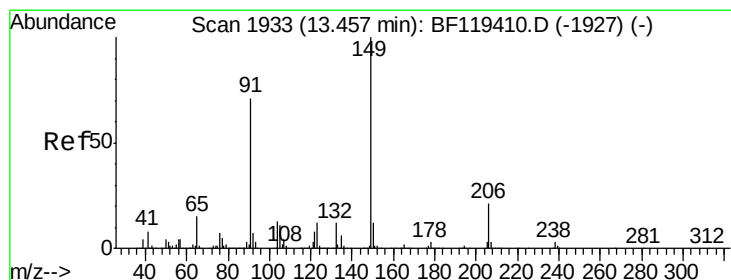
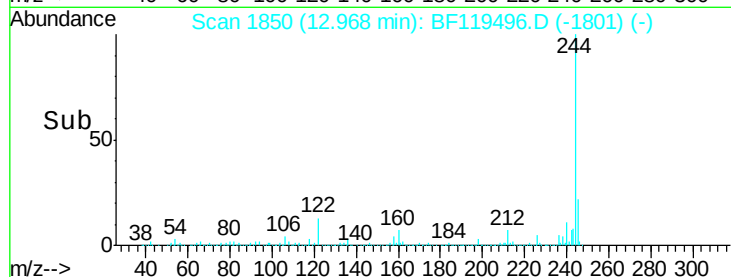
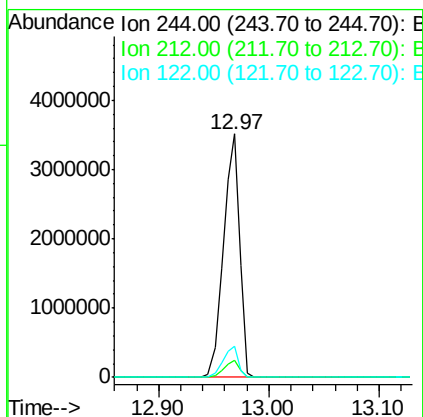
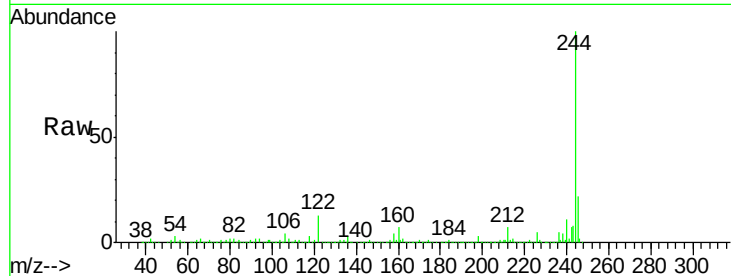
#79
 Terphenyl-d14
 Concen: 81.556 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF119496.D
 Acq: 24 Mar 2020 20:10

Instrument :
 BNA_F
 ClientSampleId :
 PB127730BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	13.0	9.8	14.8

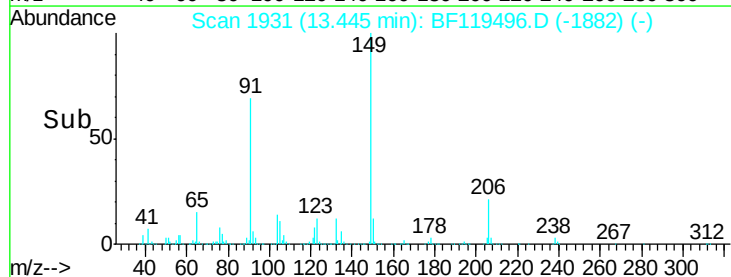
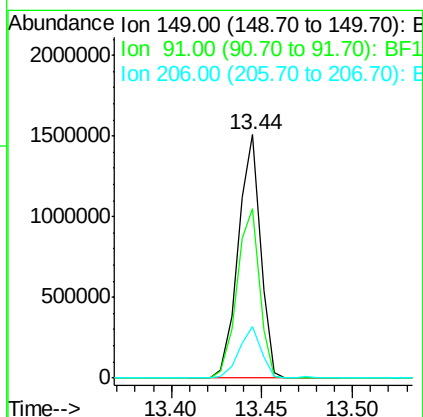
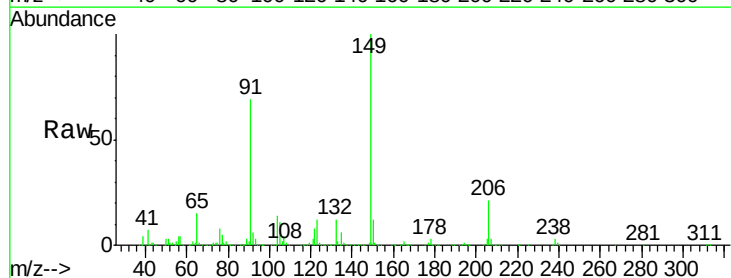
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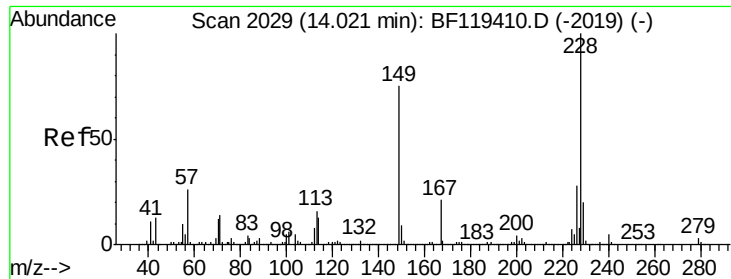
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#80
 Butylbenzylphthalate
 Concen: 44.971 ng
 RT: 13.44 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BF119496.D
 Acq: 24 Mar 2020 20:10

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.4	57.0	85.6
206	21.5	16.4	24.6





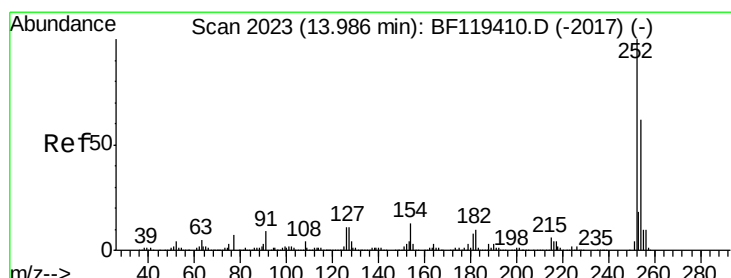
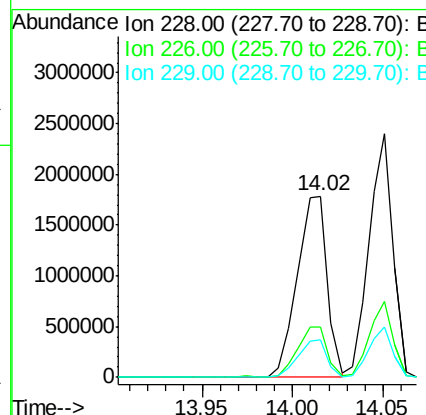
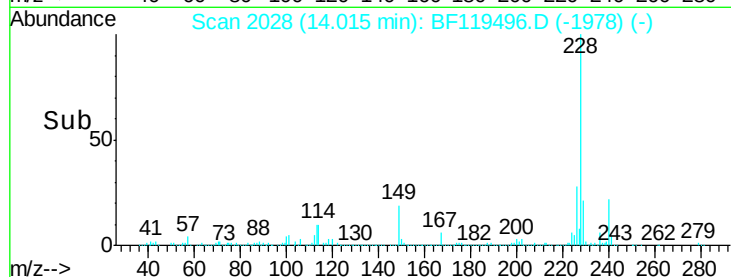
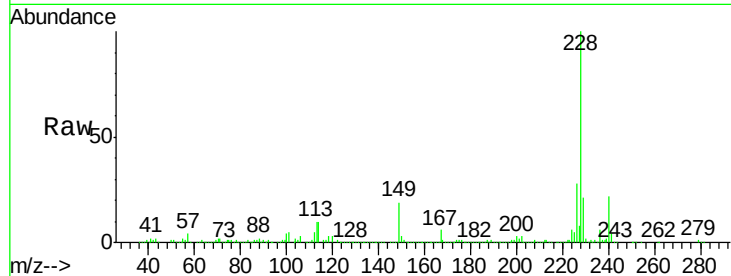
#81
Benzo(a)anthracene
Concen: 37.126 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Instrument :
BNA_F
ClientSampleId :
PB127730BS

Tot Ion:228 Resp: 2075416
Ion Ratio Lower Upper
228 100
226 27.9 22.3 33.5
229 20.7 16.3 24.5

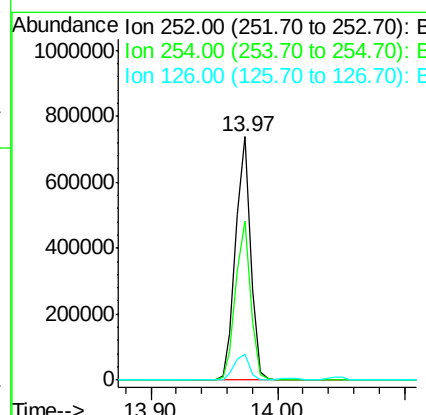
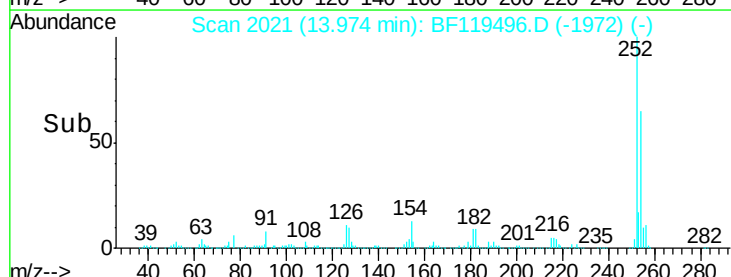
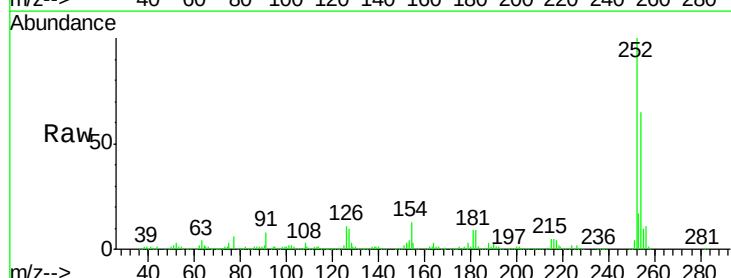
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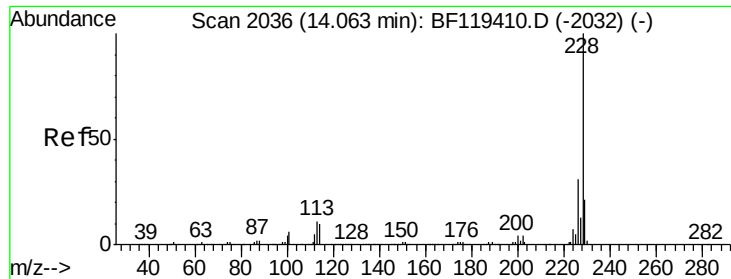
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#82
3,3'-Dichlorobenzidine
Concen: 27.396 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion:252 Resp: 603857
Ion Ratio Lower Upper
252 100
254 65.4 49.8 74.8
126 10.8 8.9 13.3





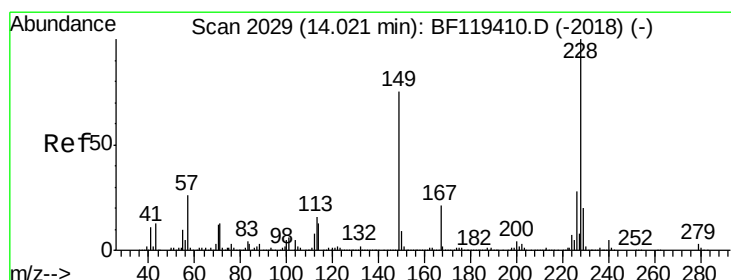
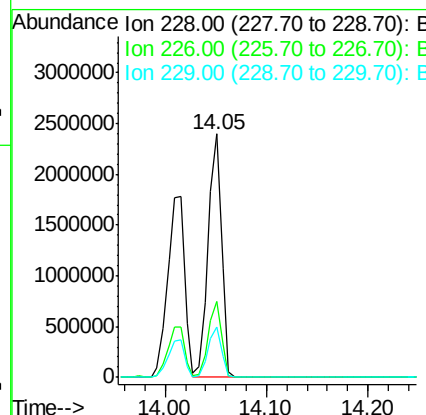
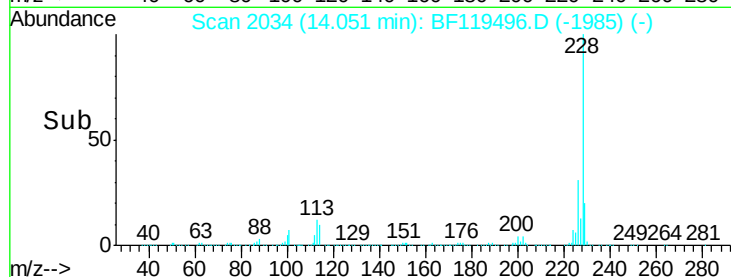
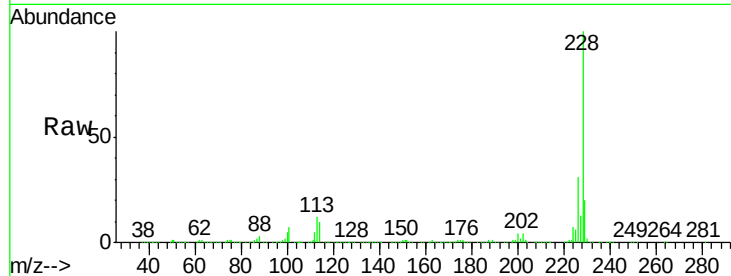
#83
Chrysene
Concen: 38.183 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Instrument :
BNA_F
ClientSampleId :
PB127730BS

Tot Ion:228 Resp: 2202926
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 20.4 16.6 25.0

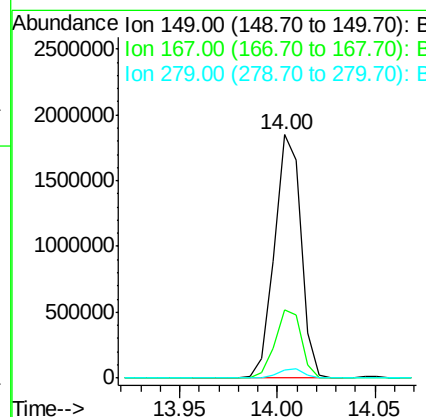
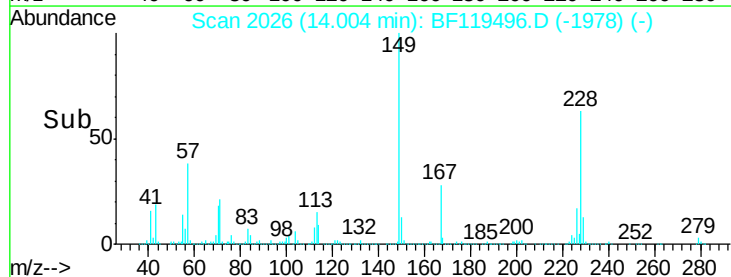
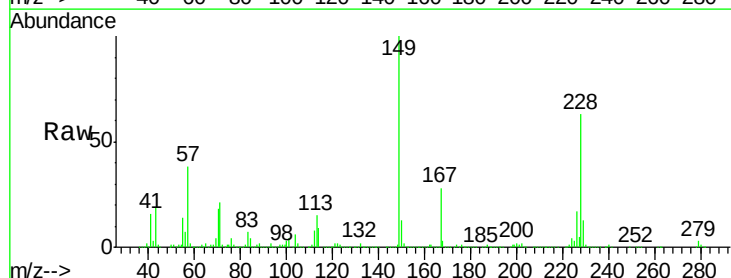
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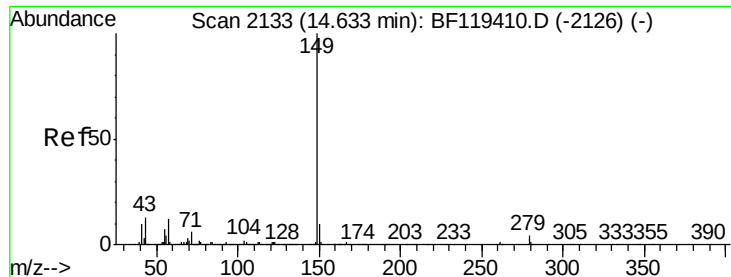
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 51.066 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion:149 Resp: 1737049
Ion Ratio Lower Upper
149 100
167 28.1 22.0 33.0
279 3.3 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 51.520 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Instrument :

BNA_F

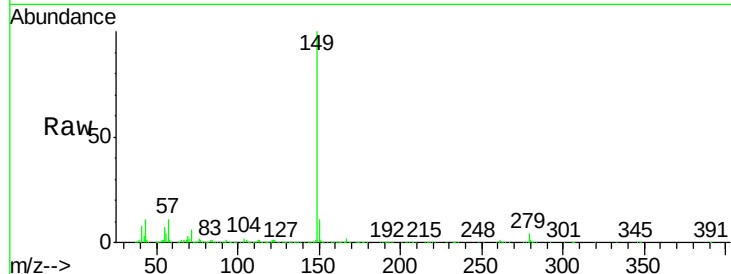
ClientSampleId :

PB127730BS

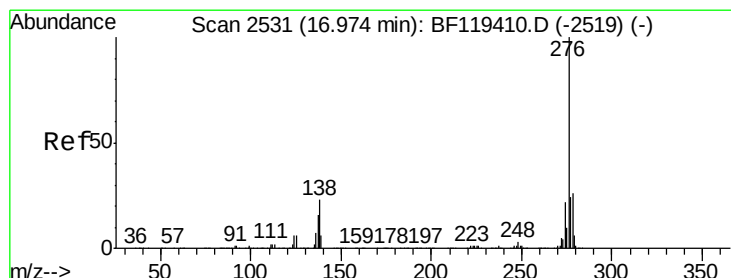
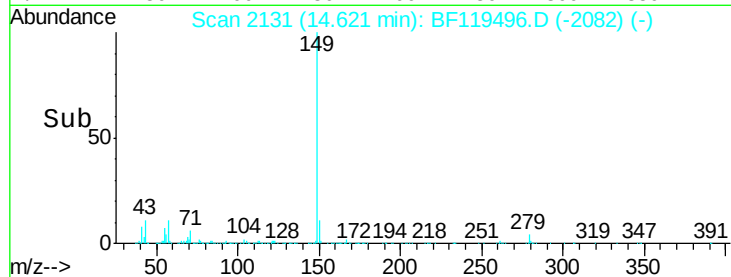
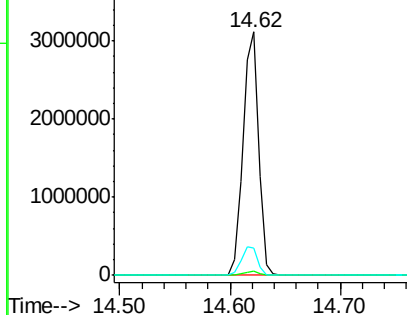
Tot Ion:	149	Resp:	3082132
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	12.0	10.1	15.1

Manual Integrations
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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: 35.155 ng

RT: 16.95 min Scan# 2527

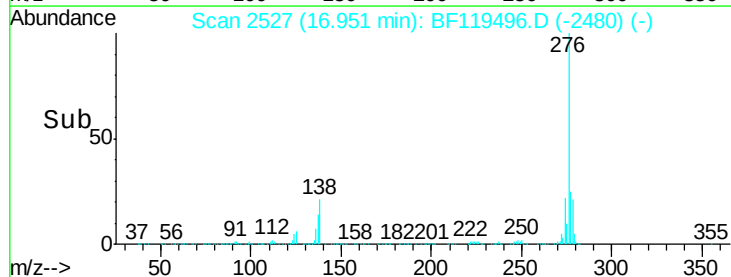
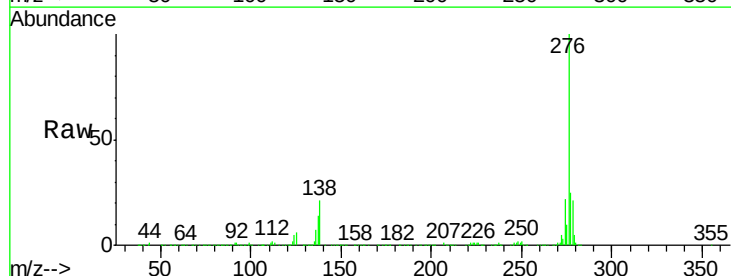
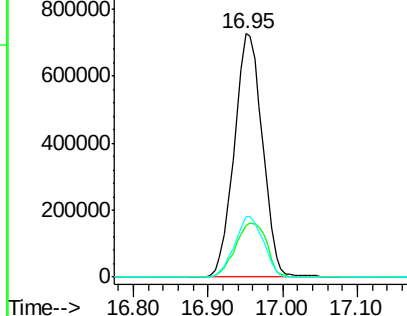
Delta R.T. -0.02 min

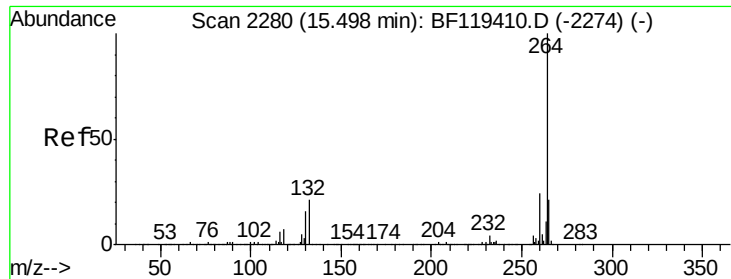
Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Tgt Ion:	276	Resp:	1910197
Ion	Ratio	Lower	Upper
276	100		
138	24.8	21.3	31.9
277	25.5	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





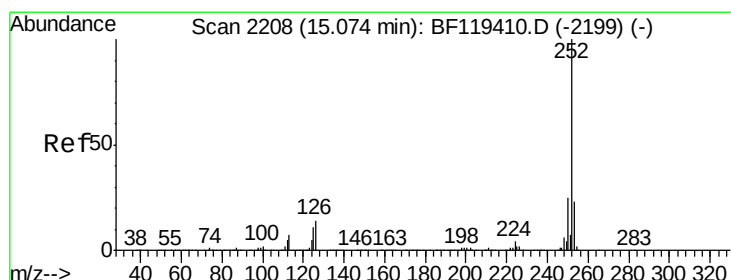
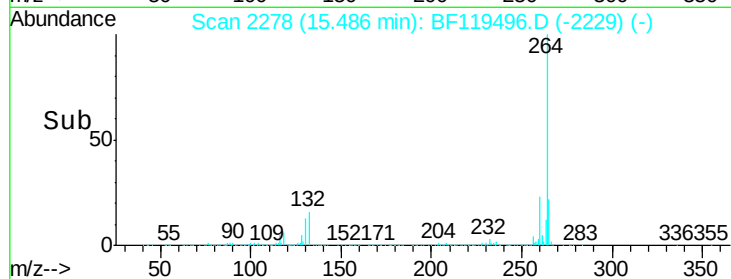
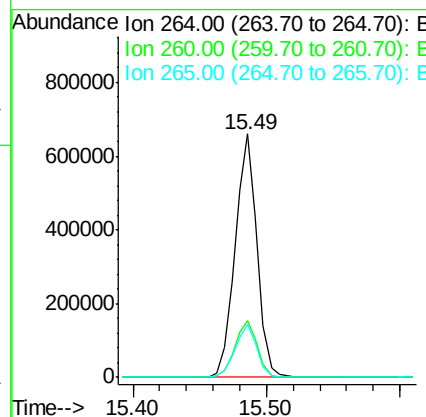
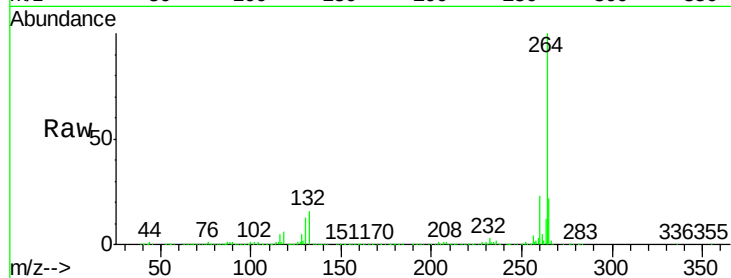
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Instrument :
BNA_F
ClientSampleId :
PB127730BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.9	16.9	25.3

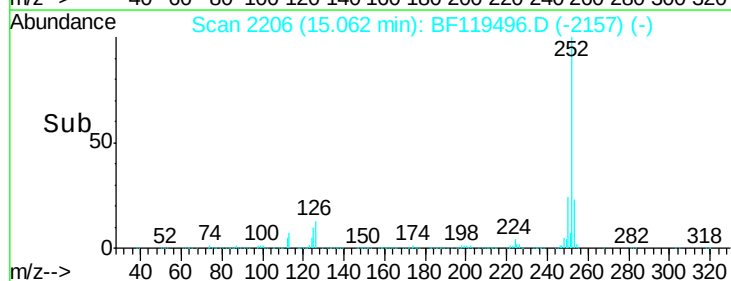
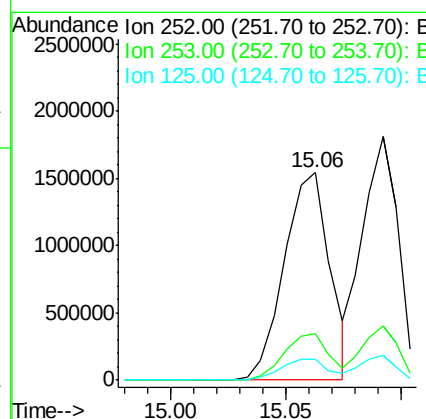
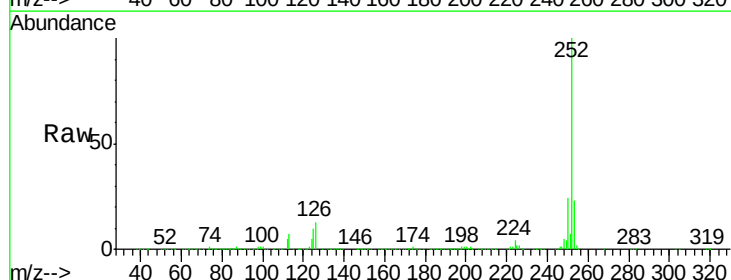
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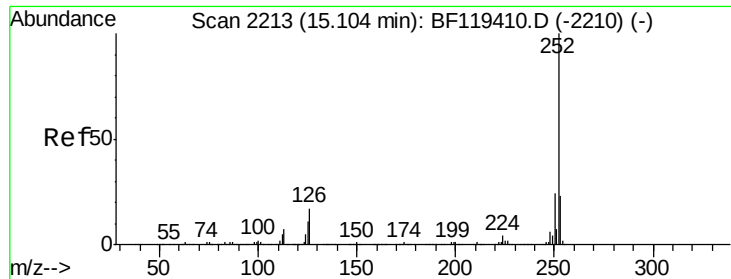
mohammad
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#88
Benzo(b)fluoranthene
Concen: 41.815 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	9.8	8.8	13.2





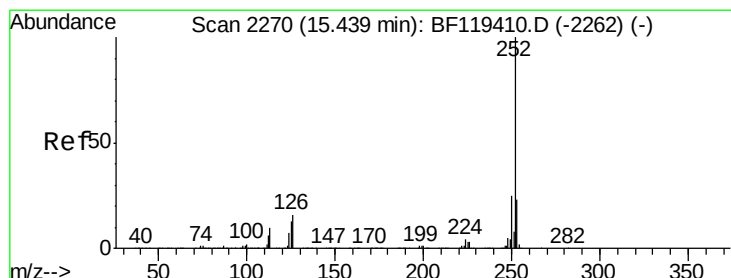
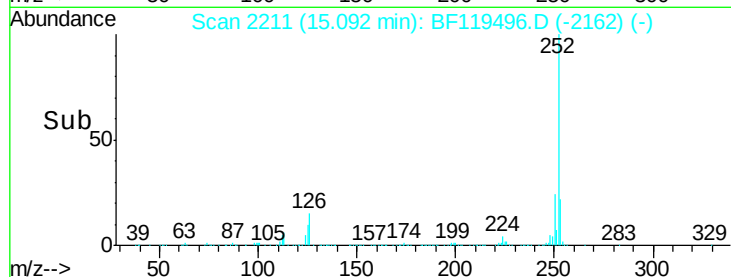
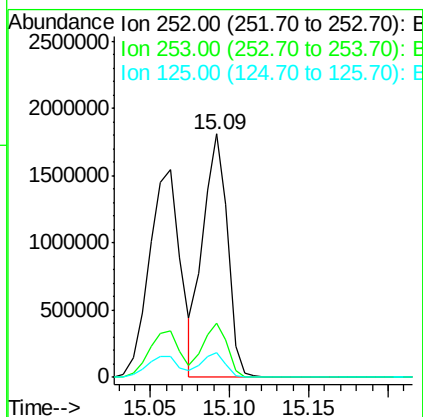
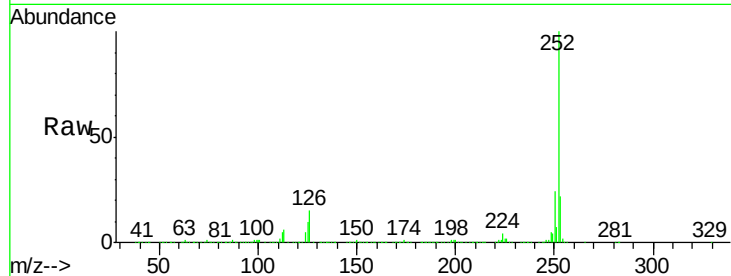
#89
Benzo(k)fluoranthene
Concen: 40.849 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Instrument :
BNA_F
ClientSampleId :
PB127730BS

Tot Ion:252 Resp: 1962276
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 10.3 9.0 13.4

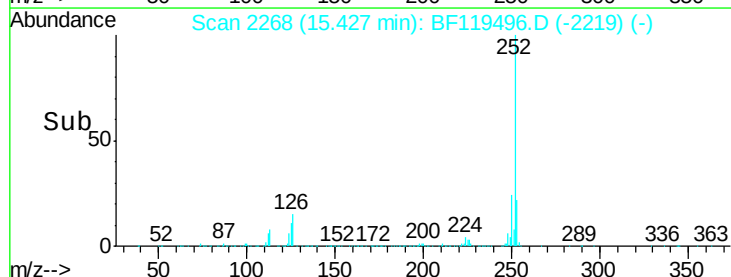
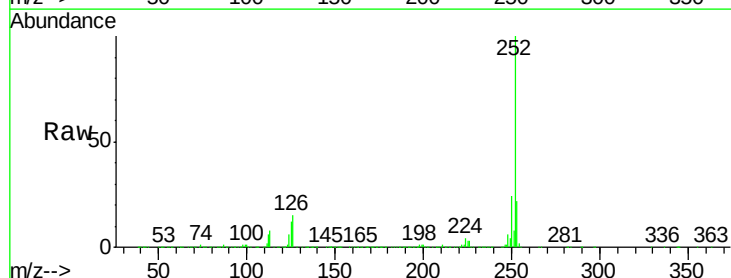
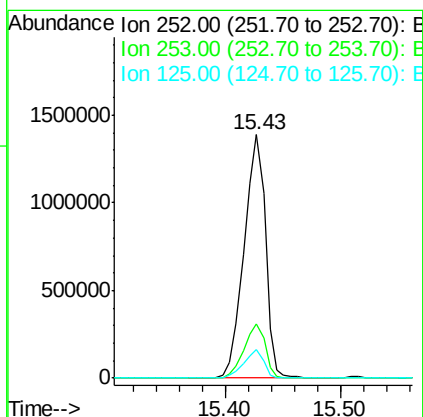
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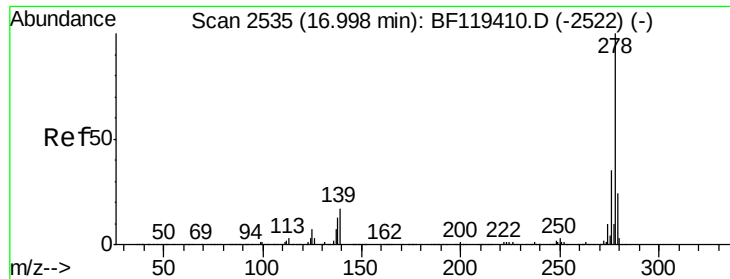
mohammad
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#90
Benzo(a)pyrene
Concen: 38.978 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion:252 Resp: 1787030
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 11.5 10.2 15.2





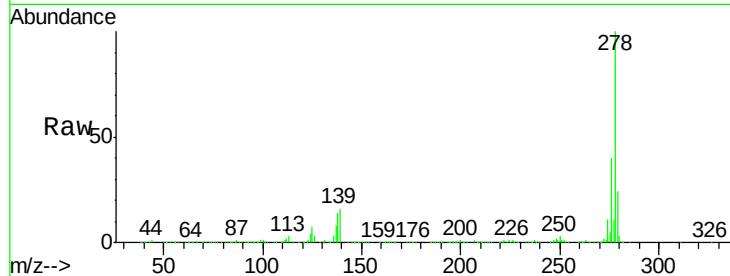
#91
Dibenzo(a,h)anthracene
Concen: 40.279 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.02 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Instrument :
BNA_F
ClientSampleId :
PB127730BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	13.7	20.5
279	23.9	19.2	28.8

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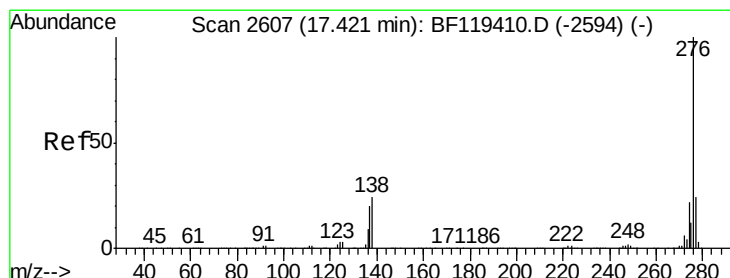
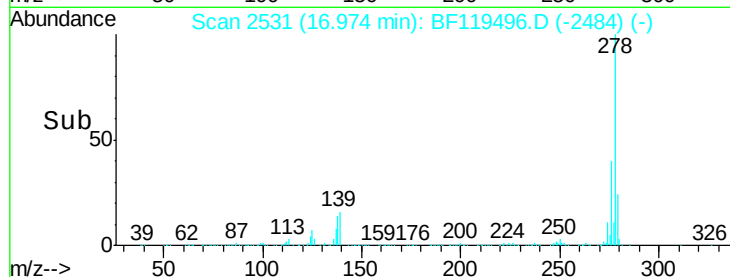
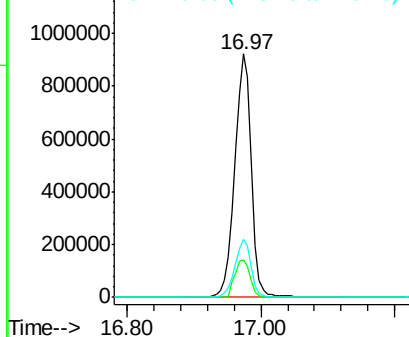


Abundance

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: 39.125 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.02 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.8	28.2
138	20.5	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

