

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
 Data File : BF119689.D
 Acq On : 2 Apr 2020 1:42
 Operator : MA/SJ
 Sample : PB127937BSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127937BSD

Manual Integrations
 APPROVED

mohammad
 4/3/2020 11:14:39 PM

Quant Time: Apr 02 02:59:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	240117	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	949770	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	504439	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	938042	20.00	ng	0.00
76) Chrysene-d12	13.99	240	682910	20.00	ng	-0.01
87) Perylene-d12	15.44	264	740098	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1198918	79.48	ng	0.01
7) Phenol-d6	6.45	99	1540081	79.93	ng	0.00
23) Nitrobenzene-d5	7.38	82	1363101	78.00	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	460911	88.57	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	2589421	76.05	ng	0.00
79) Terphenyl-d14	12.93	244	2858393	82.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	225906	30.324	ng	97
3) Pyridine	3.33	79	640651	31.216	ng	92
4) n-Nitrosodimethylamine	3.29	42	353600	35.330	ng	94
6) Aniline	6.47	93	931667	35.034	ng	95
8) 2-Chlorophenol	6.60	128	736221	46.473	ng	96
9) Benzaldehyde	6.36	77	386195	31.595	ng	97
10) Phenol	6.46	94	946887	46.056	ng	98
11) bis(2-Chloroethyl)ether	6.55	93	700900	42.625	ng	98
12) 1,3-Dichlorobenzene	6.75	146	728245	42.473	ng	96
13) 1,4-Dichlorobenzene	6.83	146	733708	42.781	ng	98
14) 1,2-Dichlorobenzene	6.99	146	689678	43.023	ng	98
15) Benzyl Alcohol	6.96	79	609315	42.039	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1268331	38.240	ng	100
17) 2-Methylphenol	7.07	107	592632	40.829	ng	100
18) Hexachloroethane	7.33	117	278519	44.315	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	497980	42.878	ng	96
20) 3+4-Methylphenols	7.22	107	721718	40.572	ng	# 80
22) Acetophenone	7.22	105	938598	41.358	ng	# 86
24) Nitrobenzene	7.40	77	759828	40.684	ng	97
25) Isophorone	7.64	82	1427068	40.256	ng	99
26) 2-Nitrophenol	7.71	139	394966	53.711	ng	96
27) 2,4-Dimethylphenol	7.75	122	632012	41.565	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	910194	43.420	ng	99
29) 2,4-Dichlorophenol	7.95	162	618314	44.257	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	645848	41.800	ng	97
31) Naphthalene	8.12	128	2075203	42.458	ng	99
32) Benzoic acid	7.88	122	500290	51.150	ng	88
33) 4-Chloroaniline	8.16	127	573677	25.615	ng	99
34) Hexachlorobutadiene	8.24	225	368865	42.669	ng	99
35) Caprolactam	8.54	113	200047m	43.751	ng	
36) 4-Chloro-3-methylphenol	8.65	107	663438	43.447	ng	99
37) 2-Methylnaphthalene	8.82	142	1417614	44.194	ng	98
38) 1-Methylnaphthalene	8.92	142	1341036	44.169	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	598937	40.508	ng	99

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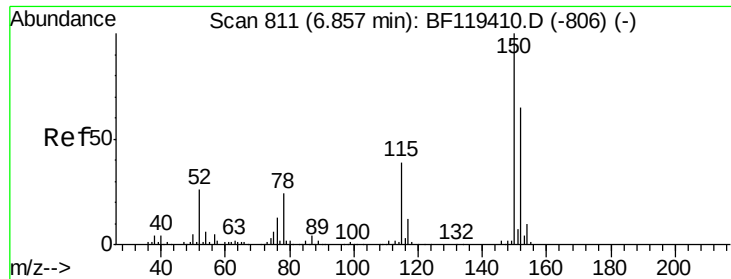
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	755615	89.893	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	460012	43.476	nq	97
44) 2,4,5-Trichlorophenol	9.13	196	478439	40.364	nq	98
46) 1,1'-Biphenyl	9.28	154	1693520	41.221	nq	99
47) 2-Chloronaphthalene	9.30	162	1330055	41.330	nq	97
48) 2-Nitroaniline	9.40	65	474761	42.741	nq	96
49) Acenaphthylene	9.72	152	2072914	41.018	nq	99
50) Dimethylphthalate	9.58	163	1547643	43.193	nq	99
51) 2,6-Dinitrotoluene	9.64	165	356661	46.440	nq	91
52) Acenaphthene	9.89	154	1444867	45.861	nq	99
53) 3-Nitroaniline	9.81	138	280906	28.972	nq	93
54) 2,4-Dinitrophenol	9.92	184	358213	105.265	nq	94
55) Dibenzofuran	10.06	168	1878200	41.580	nq	100
56) 4-Nitrophenol	9.97	139	607027	79.362	nq	95
57) 2,4-Dinitrotoluene	10.05	165	472860	48.875	nq	96
58) Fluorene	10.41	166	1425138	42.665	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	401165	45.279	nq	98
60) Diethylphthalate	10.29	149	1593468	43.818	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	686268	42.013	nq	99
62) 4-Nitroaniline	10.43	138	386879	41.610	nq	95
63) Azobenzene	10.56	77	1517397	41.435	nq	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	249111	63.331	nq	86
66) n-Nitrosodiphenylamine	10.52	169	1332206	43.261	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	458831	42.949	nq	92
68) Hexachlorobenzene	10.96	284	492987	45.088	nq	92
69) Atrazine	11.05	200	409791	48.540	nq	99
70) Pentachlorophenol	11.15	266	535412	83.513	nq	97
71) Phenanthrene	11.37	178	2072928	42.618	nq	100
72) Anthracene	11.42	178	2128307	43.053	nq	99
73) Carbazole	11.57	167	1976120	40.386	nq	99
74) Di-n-butylphthalate	11.91	149	2449296	46.793	nq	100
75) Fluoranthene	12.56	202	2280608	43.325	nq	99
77) Benzidine	12.68	184	1352407	46.795	nq	98
78) Pyrene	12.79	202	2256978	40.270	nq	99
80) Butylbenzylphthalate	13.41	149	1031456	45.503	nq	99
81) Benzo(a)anthracene	13.98	228	1797706	40.481	nq	100
82) 3,3'-Dichlorobenzidine	13.94	252	493294	28.172	nq	100
83) Chrysene	14.02	228	1908554	41.643	nq	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	1347740	49.875	nq	99
85) Di-n-octyl phthalate	14.58	149	2452565	51.607	nq	99
86) Indeno(1,2,3-cd)pyrene	16.90	276	2097966	48.604	nq	99
88) Benzo(b)fluoranthene	15.02	252	2005424	40.564	nq	98
89) Benzo(k)fluoranthene	15.05	252	1906733	40.504	nq	98
90) Benzo(a)pyrene	15.39	252	1829592	40.722	nq	98
91) Dibenzo(a,h)anthracene	16.92	278	1719840	43.764	nq	97
92) Benzo(g,h,i)perylene	17.34	276	1710300	43.321	nq	98

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



#1

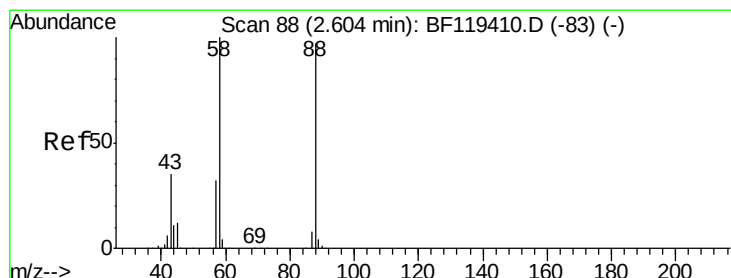
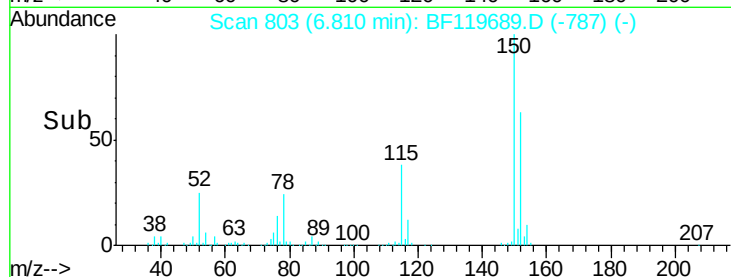
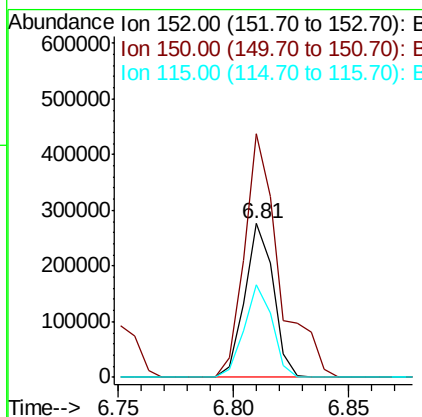
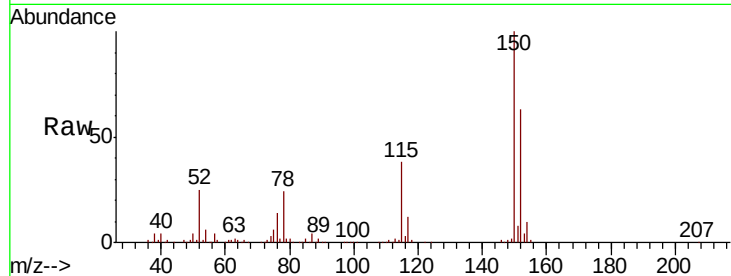
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Instrument :
BNA_F
ClientSampleId :
PB127937BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.5	186.7
115	60.0	49.6	74.4

Manual Integrations
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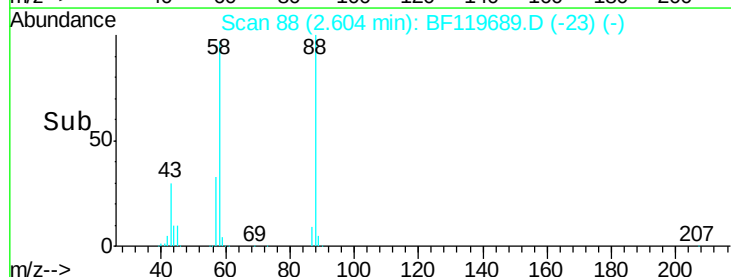
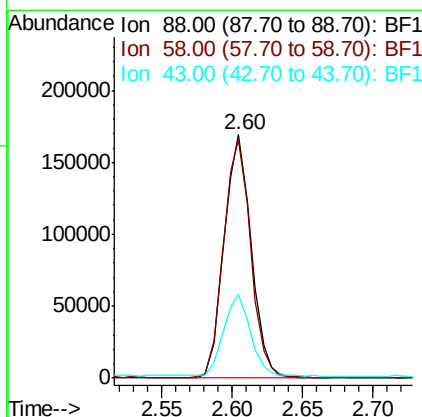
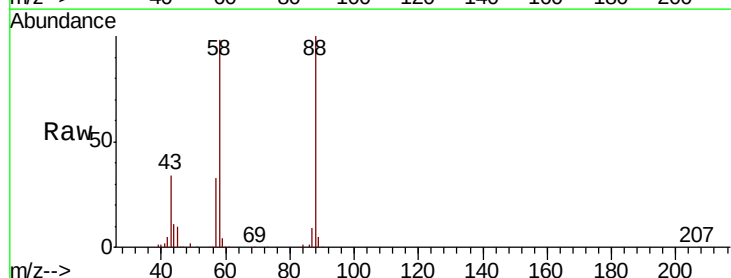
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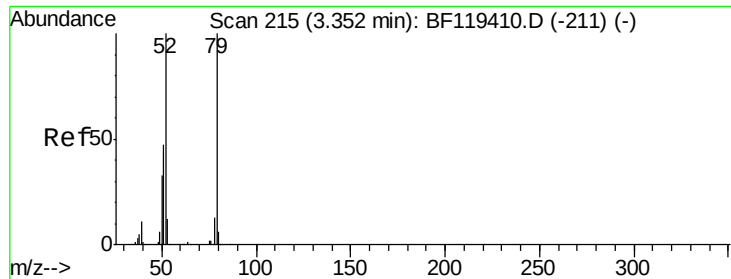


#2

1,4-Dioxane
Concen: 30.324 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.08 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.9	80.6	121.0
43	33.4	27.5	41.3





#3

Pvridine

Concen: 31.216 ng

RT: 3.33 min Scan# 212

Delta R.T. 0.08 min

Lab File: BF119689.D

Acq: 2 Apr 2020 1:42

Instrument :

BNA_F

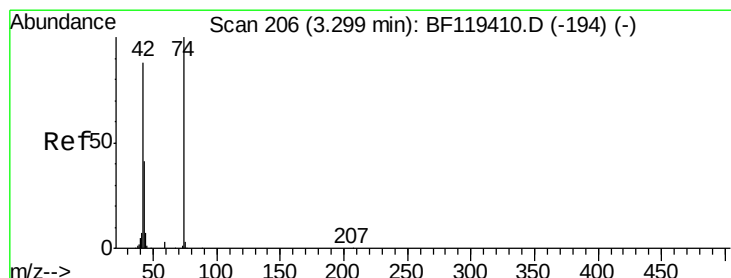
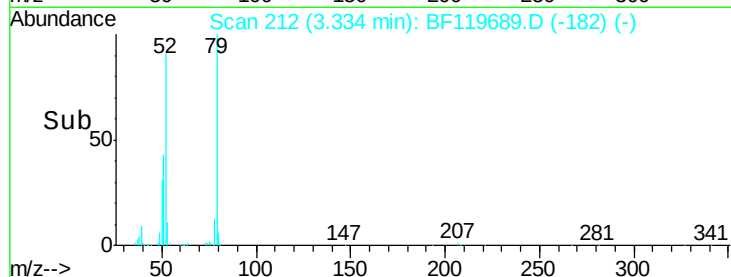
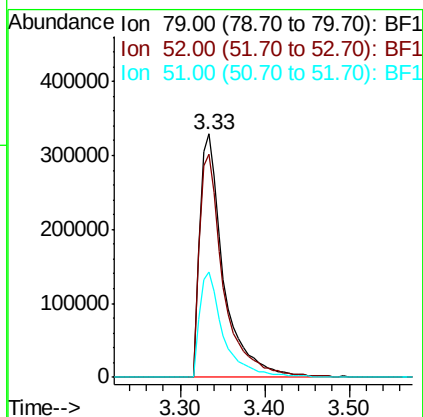
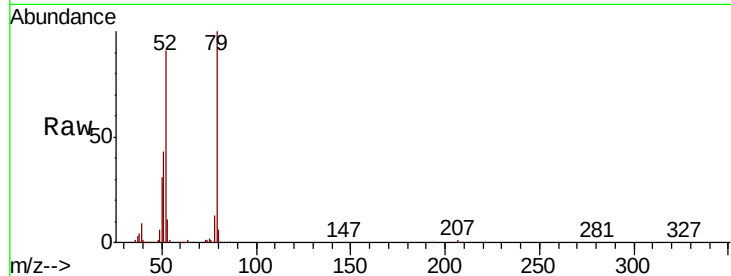
ClientSampleId :

PB127937BSD

Tot Ion:	79	Resp:	640651
Ion Ratio	Lower	Upper	
79	100		
52	91.4	80.2	120.2
51	43.4	37.7	56.5

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 35.330 ng

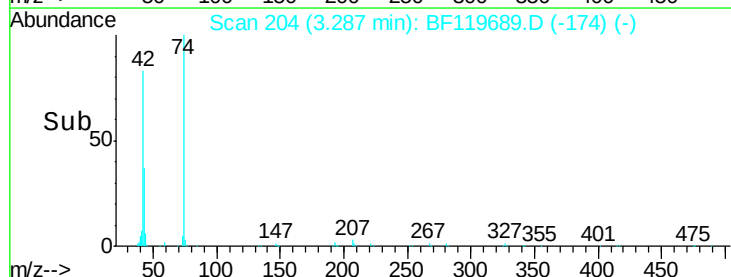
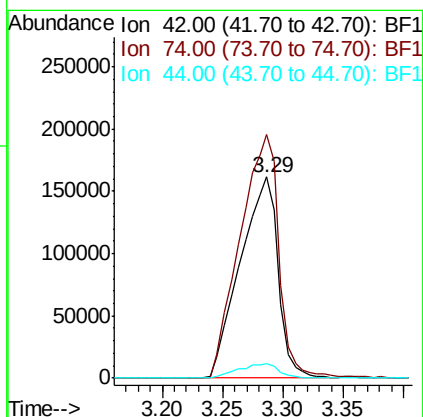
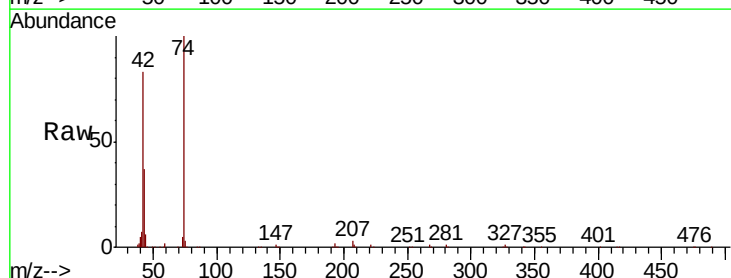
RT: 3.29 min Scan# 204

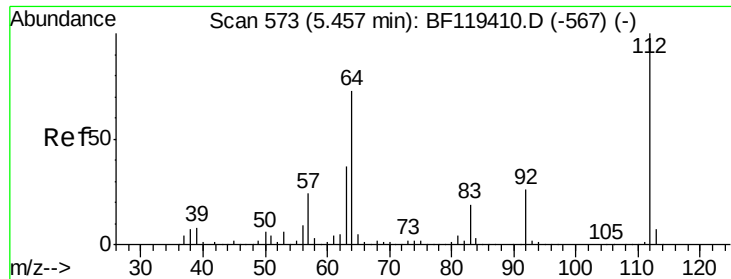
Delta R.T. 0.08 min

Lab File: BF119689.D

Acq: 2 Apr 2020 1:42

Tgt Ion:	42	Resp:	353600
Ion Ratio	Lower	Upper	
42	100		
74	121.1	91.5	137.3
44	7.2	6.2	9.4





#5

2-Fluorophenol

Concen: 79.485 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF119689.D

Acq: 2 Apr 2020 1:42

Instrument :

BNA_F

ClientSampleId :

PB127937BSD

Tot Ion: 112 Resp: 1198918

Ion Ratio Lower Upper

112 100

64 69.6 56.7 85.1

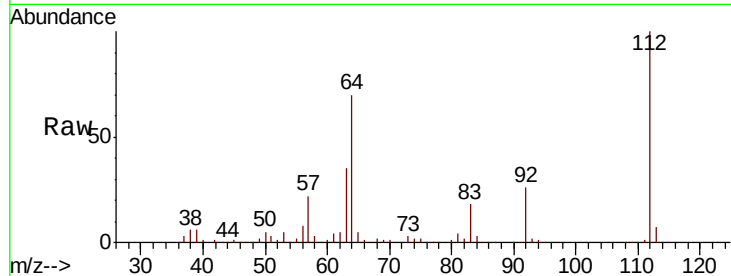
63 35.5 29.5 44.3

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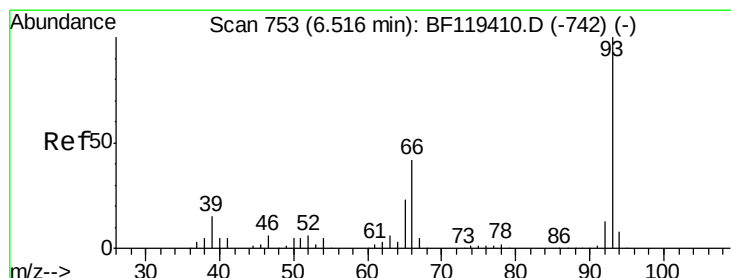
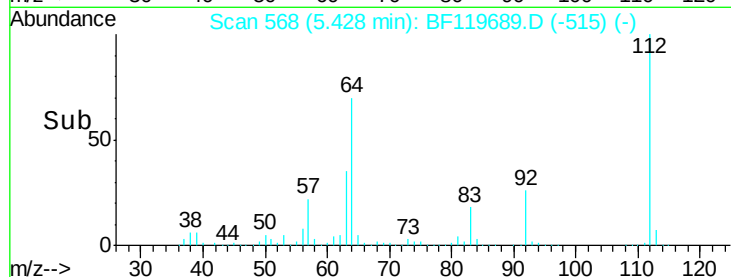
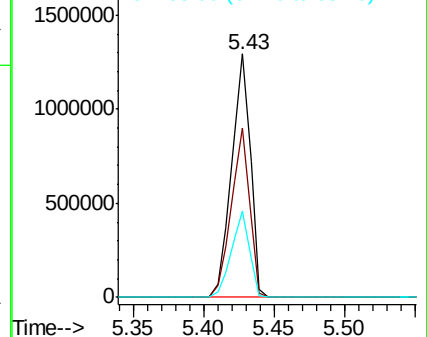
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 35.034 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF119689.D

Acq: 2 Apr 2020 1:42

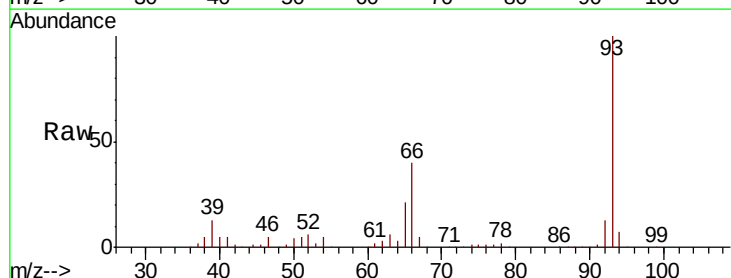
Tgt Ion: 93 Resp: 931667

Ion Ratio Lower Upper

93 100

66 40.3 34.9 52.3

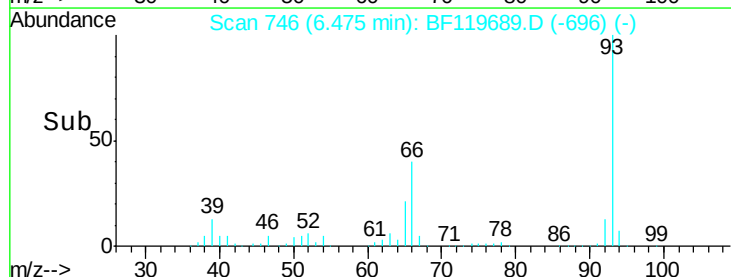
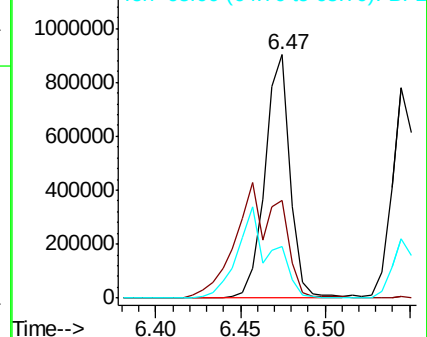
65 21.3 18.6 27.8

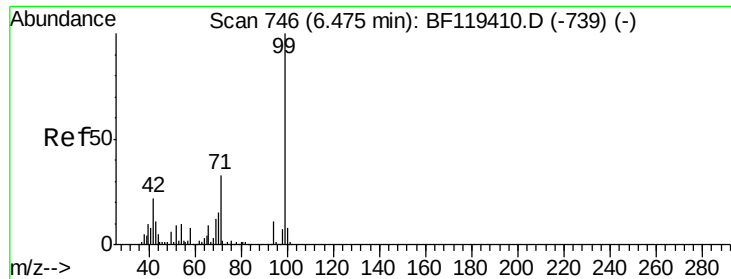


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.928 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF119689.D

Acq: 2 Apr 2020 1:42

Instrument :

BNA_F

ClientSampled :

PB127937BSD

Tot Ion: 99 Resp: 1540081

Ion Ratio Lower Upper

99 100

42 18.4 16.6 24.8

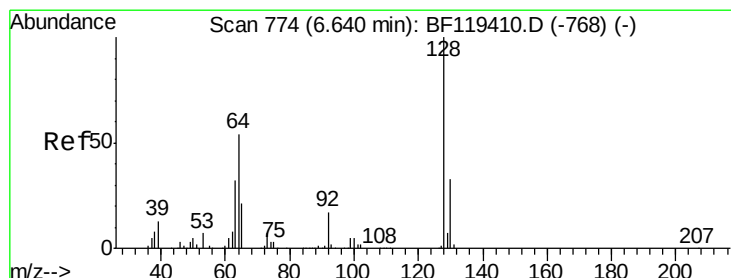
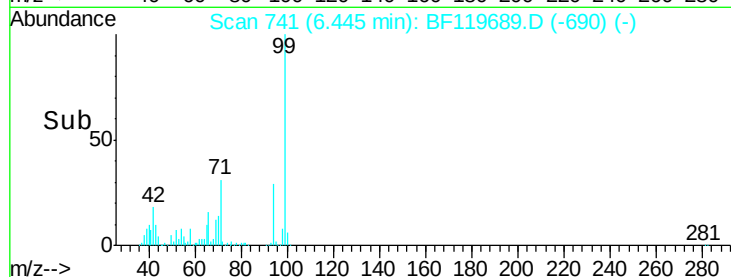
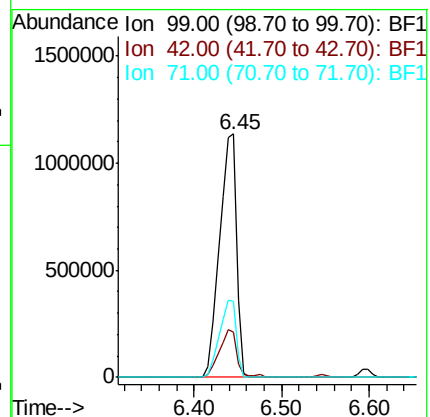
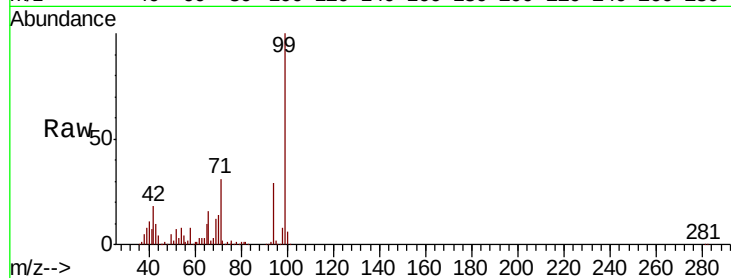
71 31.0 26.4 39.6

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#8

2-Chlorophenol

Concen: 46.473 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF119689.D

Acq: 2 Apr 2020 1:42

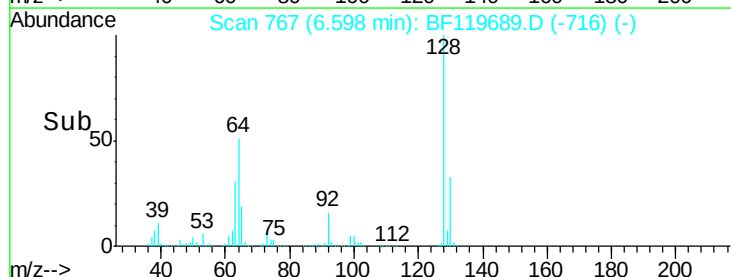
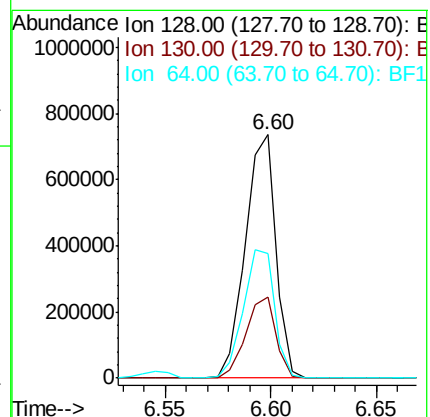
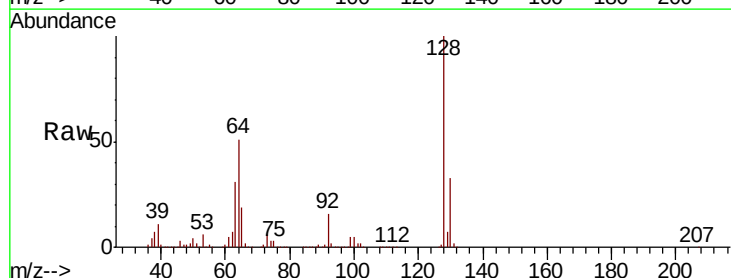
Tgt Ion: 128 Resp: 736221

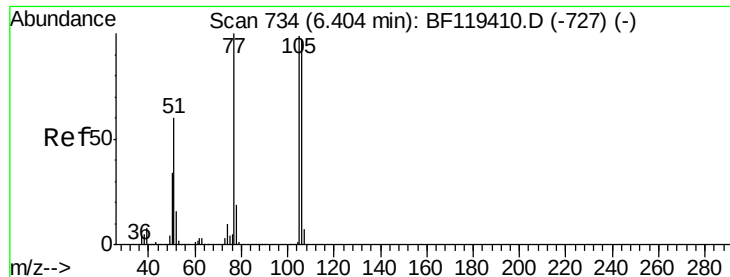
Ion Ratio Lower Upper

128 100

130 33.0 12.6 52.6

64 51.1 35.3 75.3





#9

Benzaldehyde

Concen: 31.595 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF119689.D

Acq: 2 Apr 2020 1:42

Instrument :

BNA_F

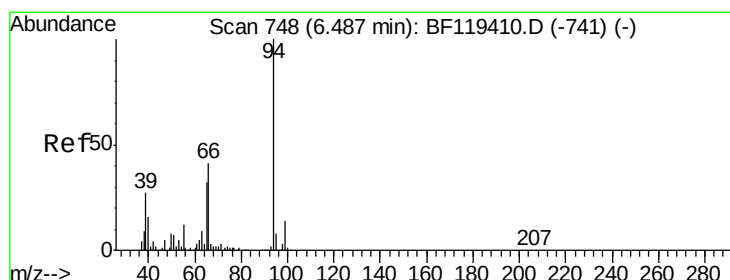
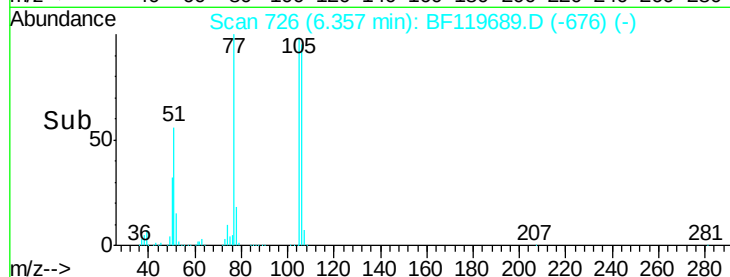
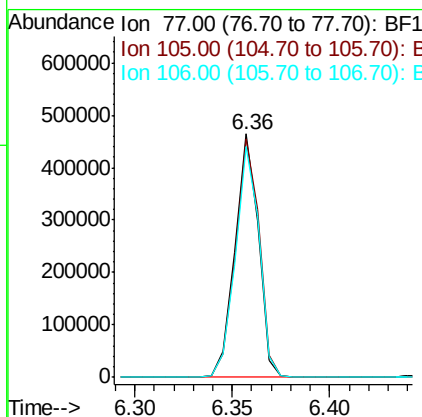
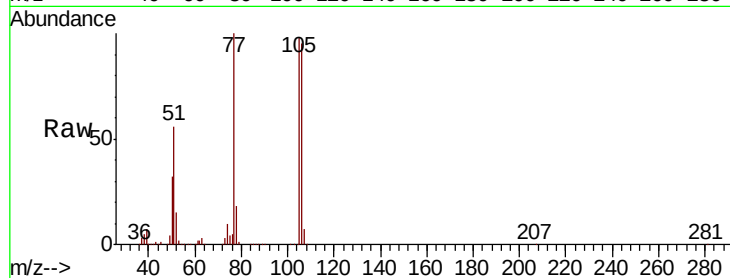
ClientSampleId :

PB127937BSD

Tot Ion:	77	Resp:	386195
Ion Ratio	Lower	Upper	
77	100		
105	97.7	80.9	120.9
106	94.7	77.9	117.9

Manual Integrations
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#10

Phenol

Concen: 46.056 ng

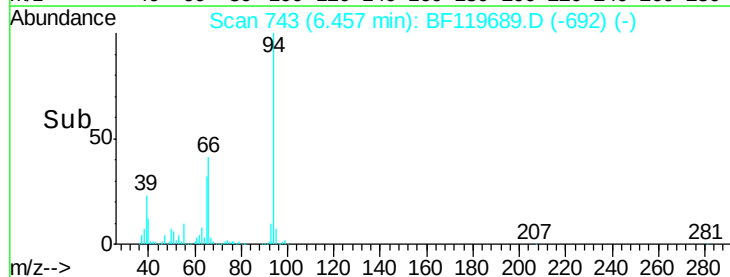
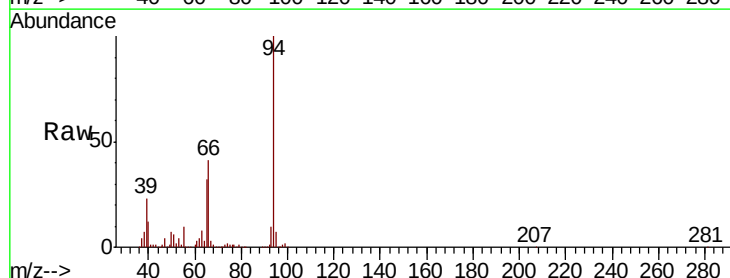
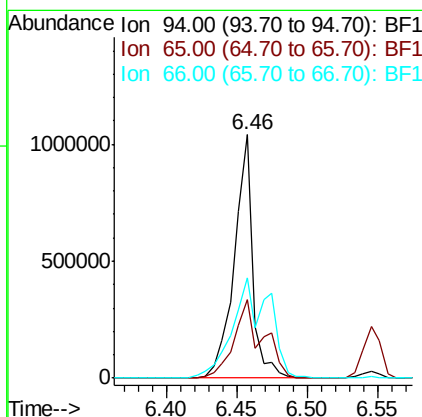
RT: 6.46 min Scan# 743

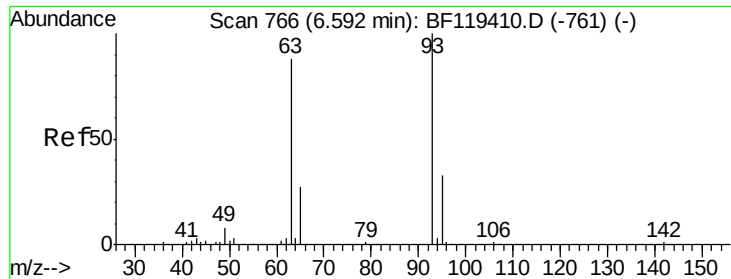
Delta R.T. -0.00 min

Lab File: BF119689.D

Acq: 2 Apr 2020 1:42

Tgt Ion:	94	Resp:	946887
Ion Ratio	Lower	Upper	
94	100		
65	32.3	13.2	53.2
66	41.2	22.3	62.3





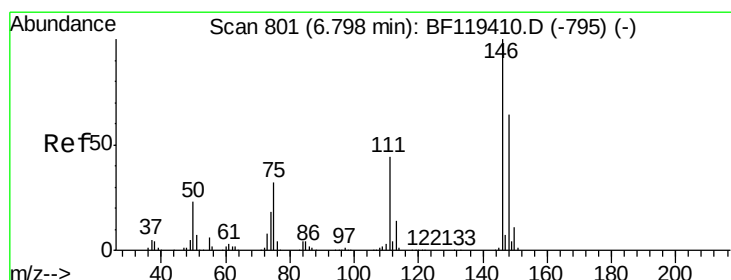
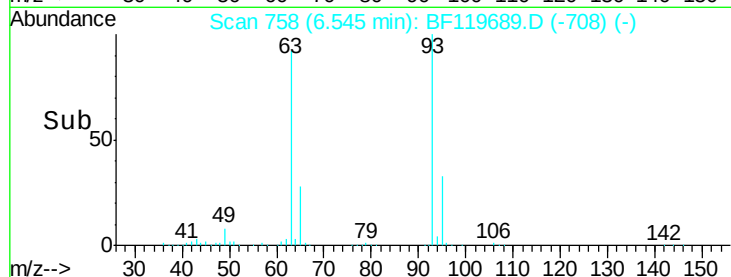
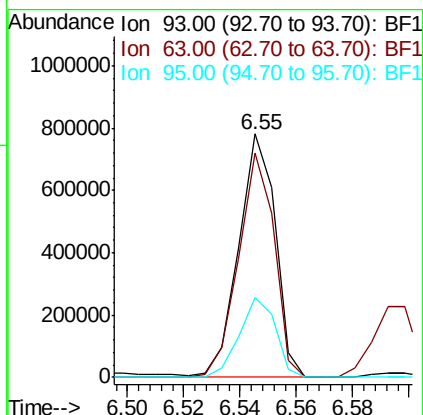
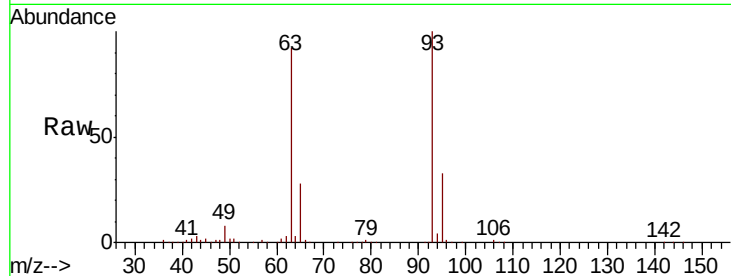
#11
bis(2-Chloroethyl)ether
Concen: 42.625 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Instrument :
BNA_F
ClientSampleId :
PB127937BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	92.4	70.2	110.2
95	32.9	13.4	53.4

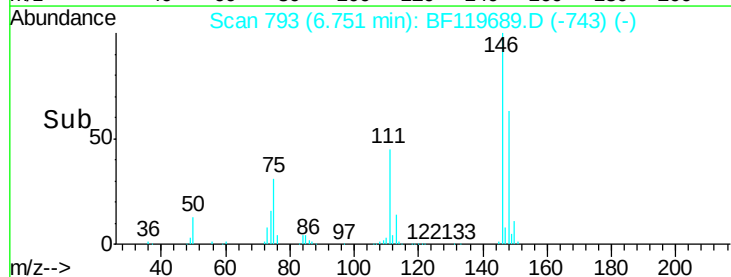
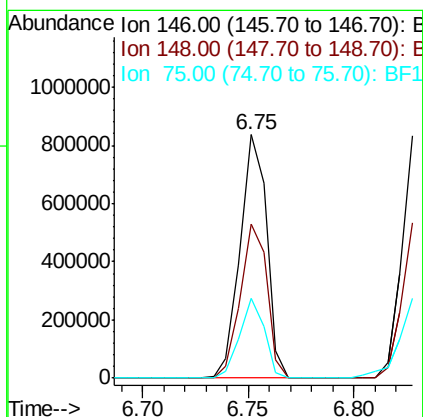
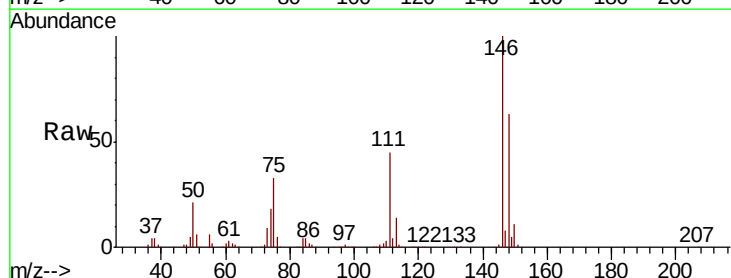
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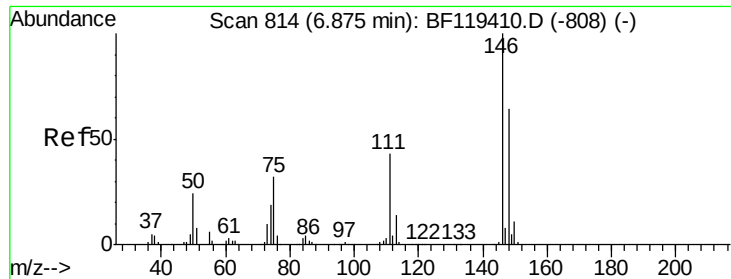
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.473 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.2	78.4
75	32.8	23.0	34.4





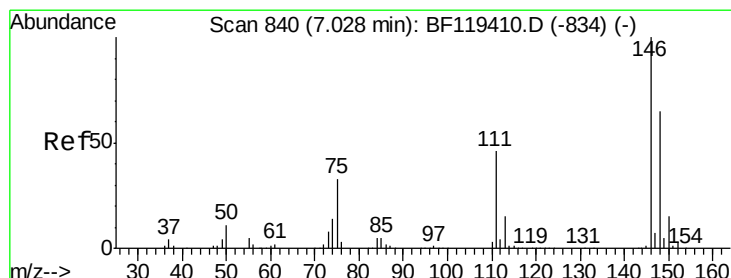
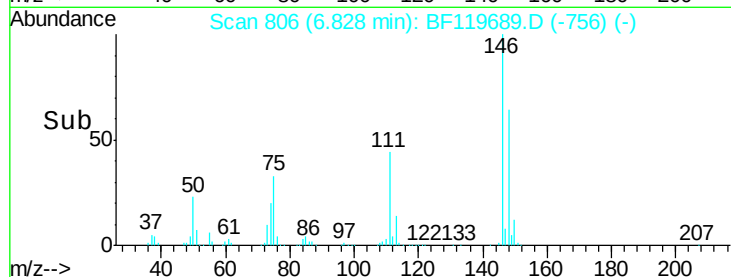
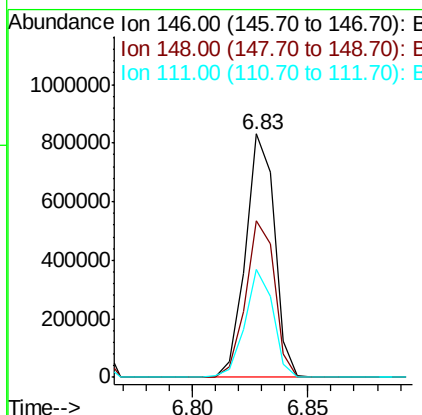
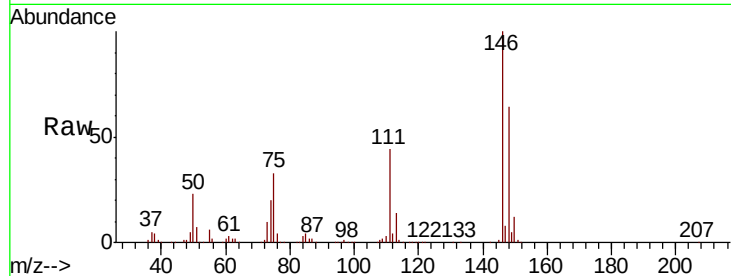
#13
 1,4-Dichlorobenzene
 Concen: 42.781 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF119689.D
 Acq: 2 Apr 2020 1:42

Instrument :
 BNA_F
 ClientSampleId :
 PB127937BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.5	77.3
111	44.2	33.3	49.9

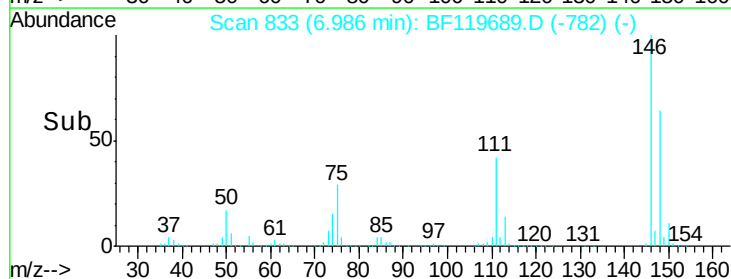
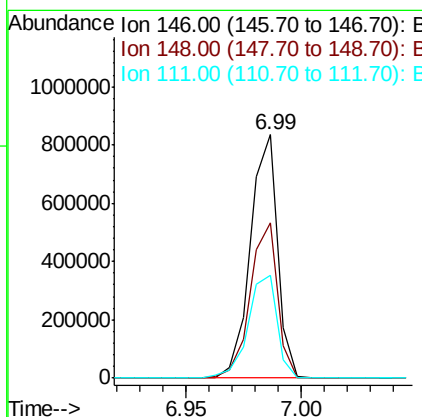
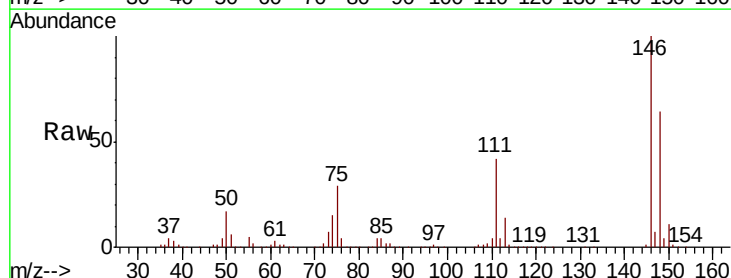
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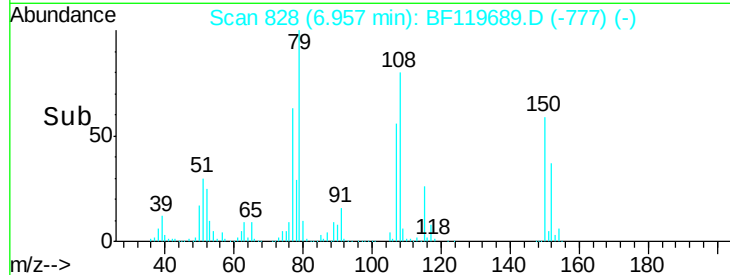
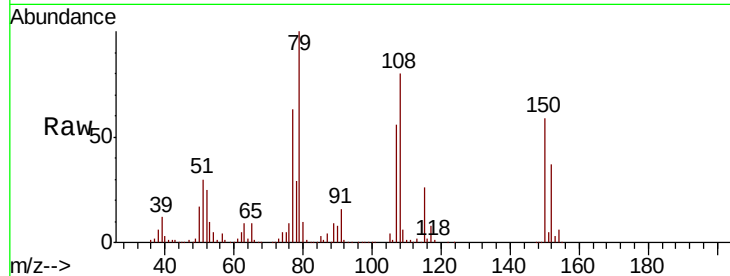
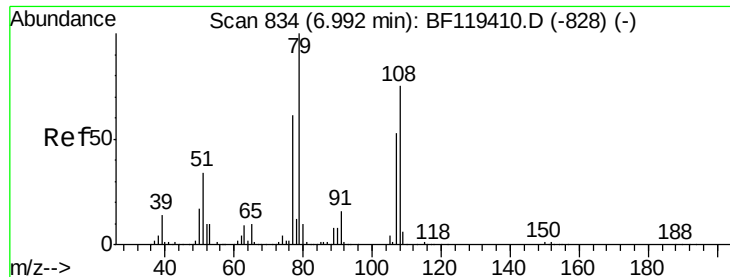
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#14
 1,2-Dichlorobenzene
 Concen: 43.023 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF119689.D
 Acq: 2 Apr 2020 1:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.6	75.8
111	42.0	36.1	54.1





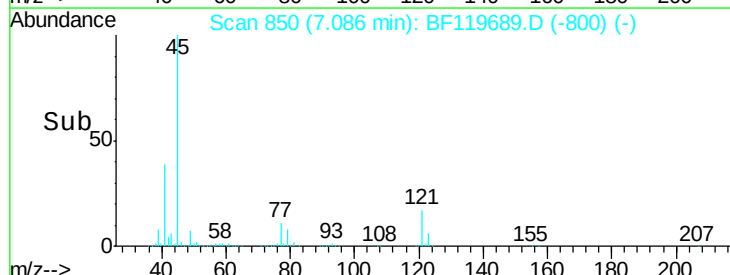
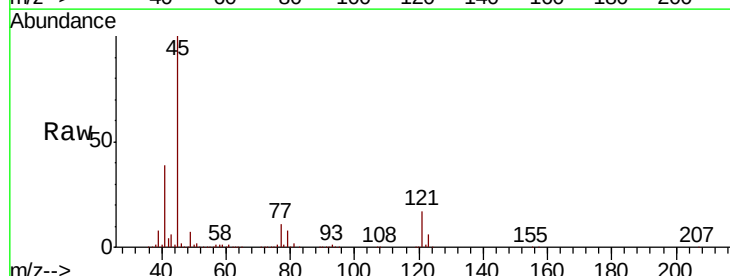
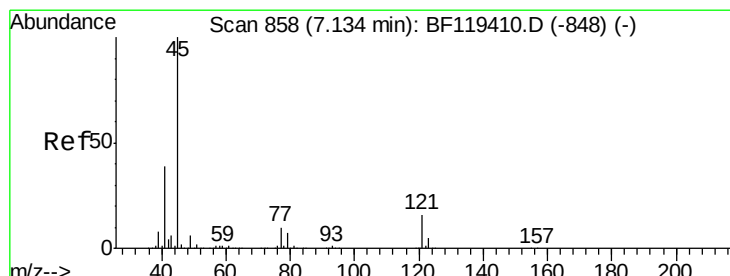
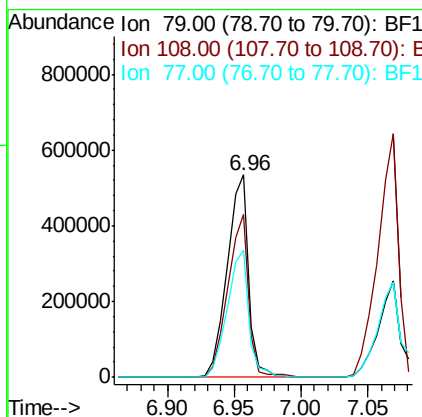
#15
Benzyl Alcohol
Concen: 42.039 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.3	60.6	90.8
77	62.8	50.2	75.2

Instrument :
BNA_F
ClientSampled :
PB127937BSD

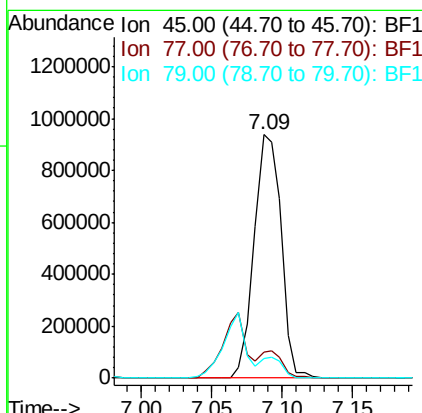
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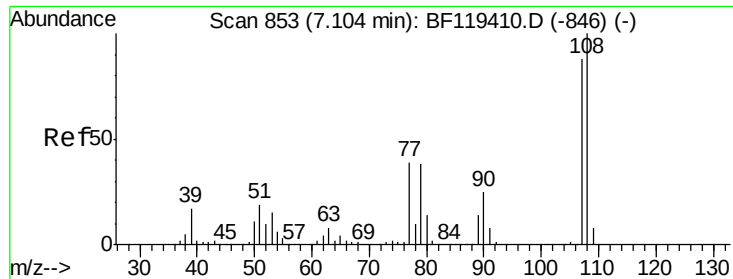
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.240 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.9	0.0	30.7
79	8.1	0.0	28.2





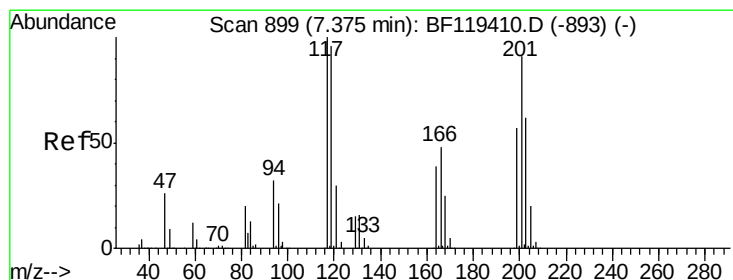
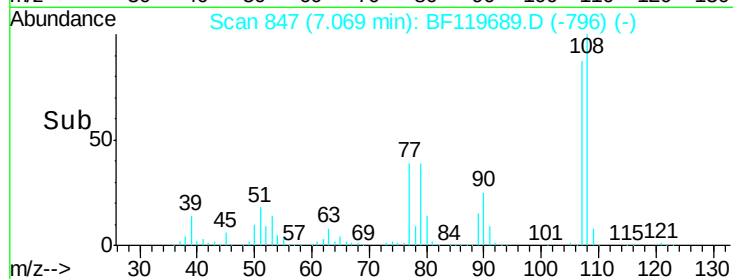
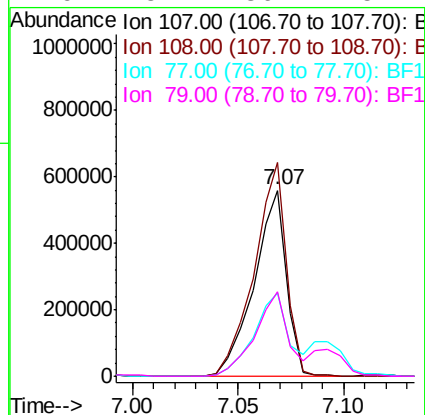
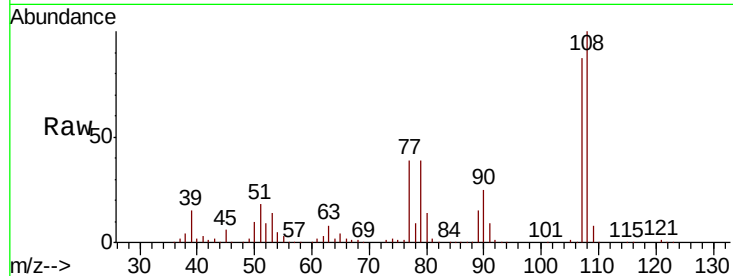
#17
2-Methylphenol
Concen: 40.829 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Instrument :
BNA_F
ClientSampleID :
PB127937BSD

Tot Ion:	107	Resp:	592632
Ion Ratio	Lower	Upper	
107	100		
108	114.9	92.2	138.4
77	44.9	36.6	54.8
79	45.2	36.2	54.4

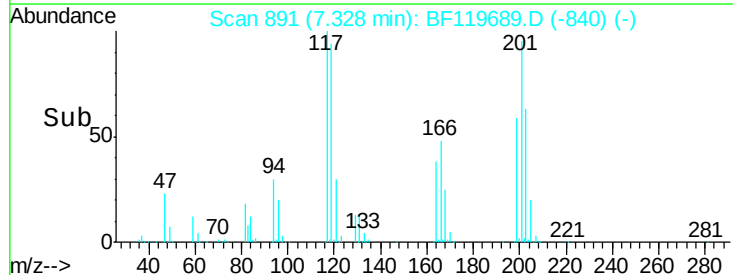
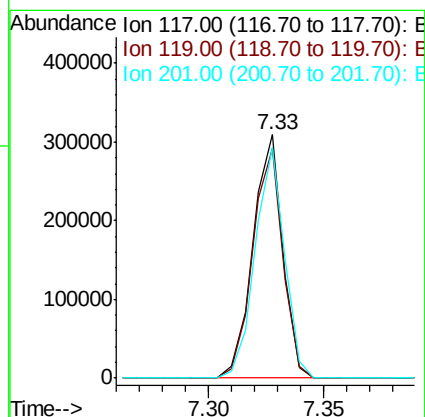
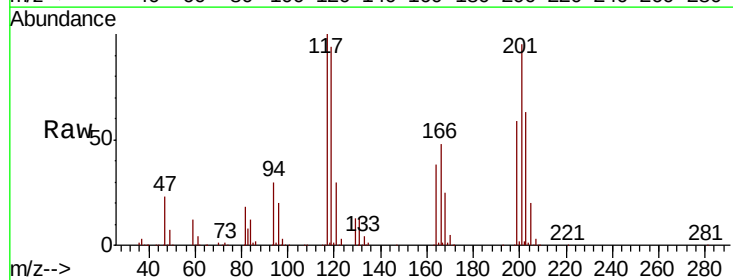
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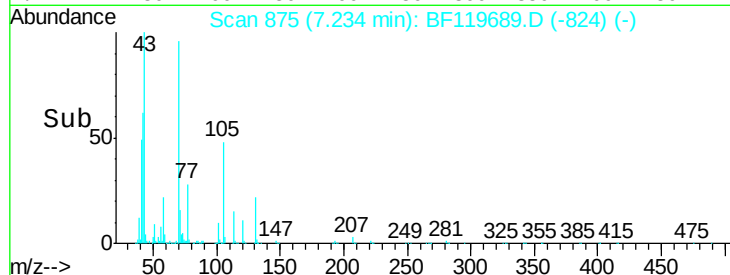
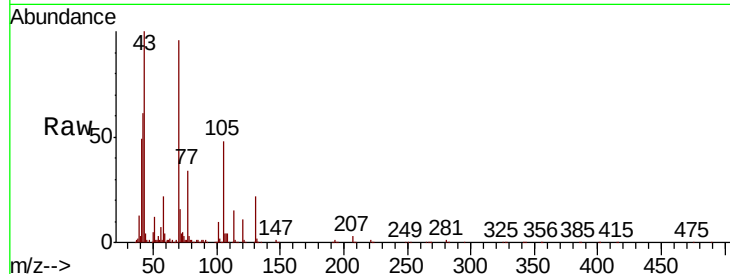
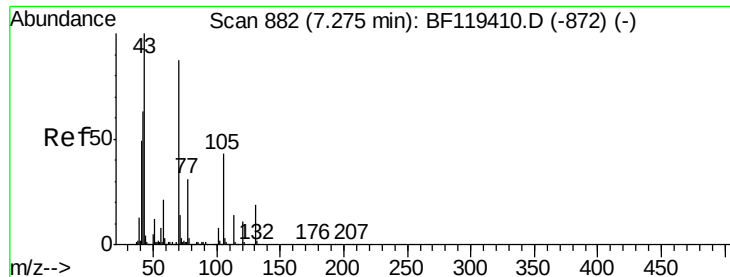
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#18
Hexachloroethane
Concen: 44.315 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Tgt Ion:	117	Resp:	278519
Ion Ratio	Lower	Upper	
117	100		
119	94.2	76.1	114.1
201	95.0	73.0	109.6





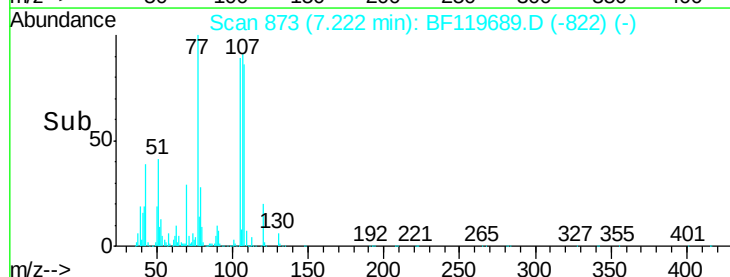
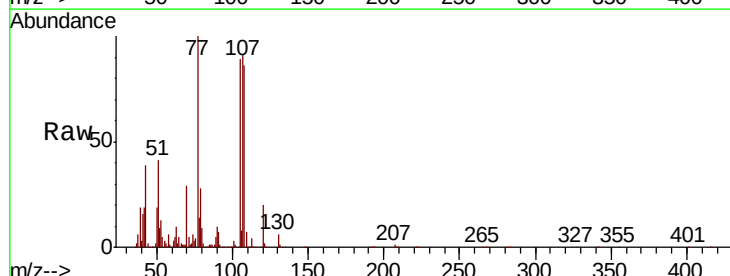
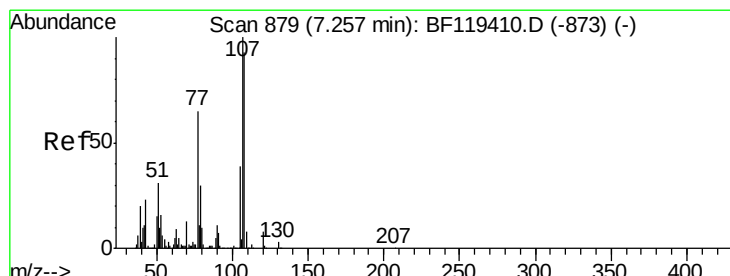
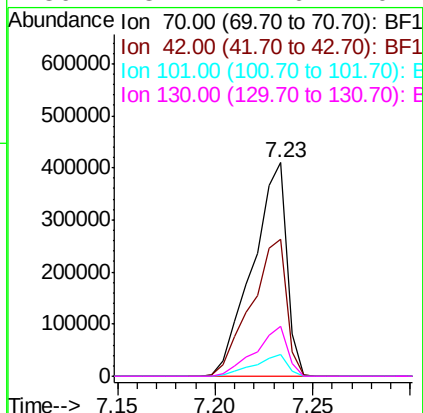
#19
n-Nitroso-di-n-propylamine
Concen: 42.878 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Tot Ion	70	Resp	497980
Ion Ratio	Lower	Upper	
70	100		
42	64.0	54.5	81.7
101	10.0	7.6	11.4
130	23.2	17.6	26.4

Instrument :
BNA_F
ClientSampleId :
PB127937BSD

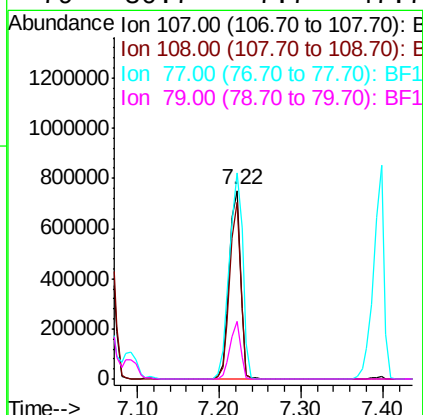
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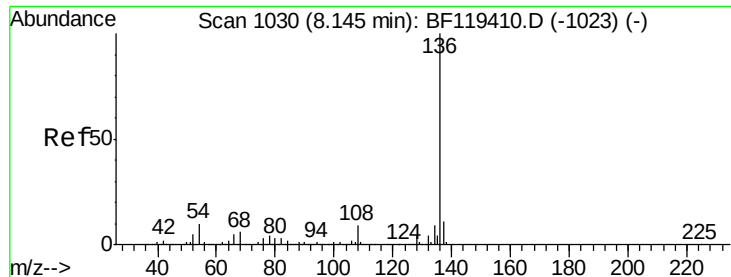
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#20
3+4-Methylphenols
Concen: 40.572 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Tgt Ion	107	Resp	721718
Ion Ratio	Lower	Upper	
107	100		
108	93.6	67.9	107.9
77	109.3	52.9	92.9#
79	30.7	7.7	47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF119689.D

Acq: 2 Apr 2020 1:42

Instrument :

BNA_F

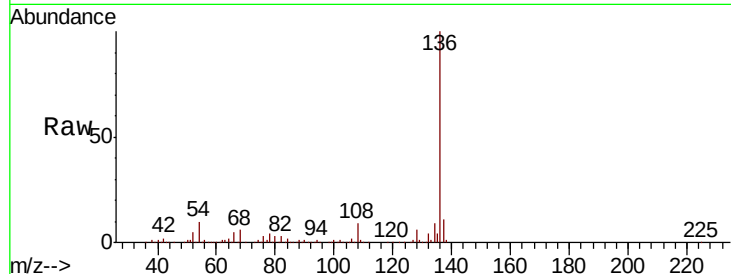
ClientSampleId :

PB127937BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		949770		
137	11.1	8.7	13.1		
54	10.2	9.1	13.7		
68	5.7	4.6	6.8		

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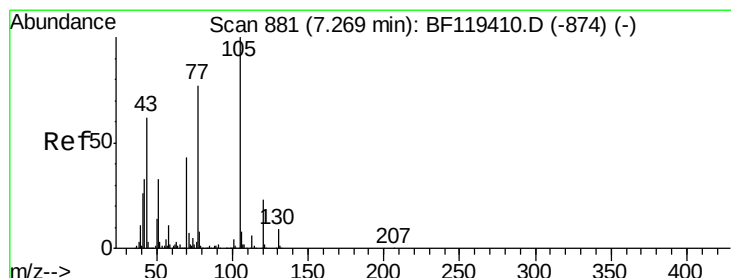
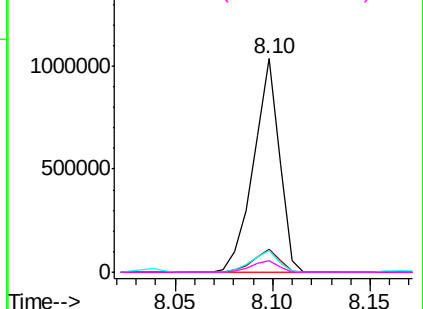
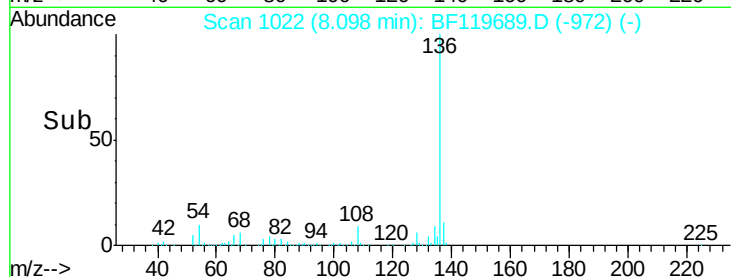
Abundance

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: 41.358 ng

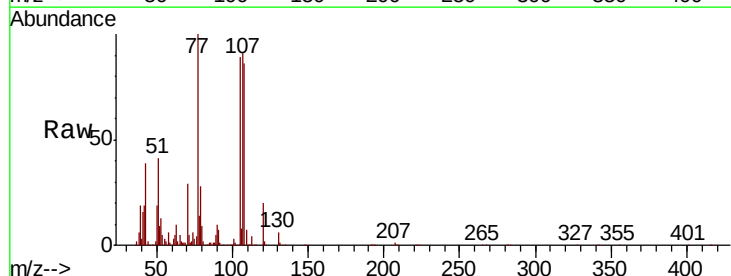
RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF119689.D

Acq: 2 Apr 2020 1:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		938598		
71	5.6	5.7	8.5#		
51	46.4	26.2	39.4#		
120	22.1	18.3	27.5		



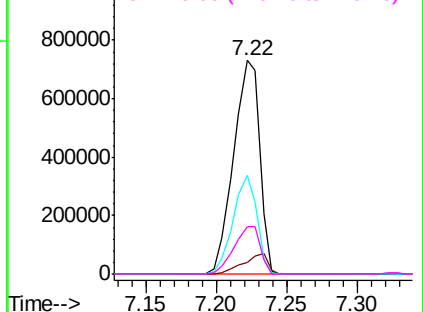
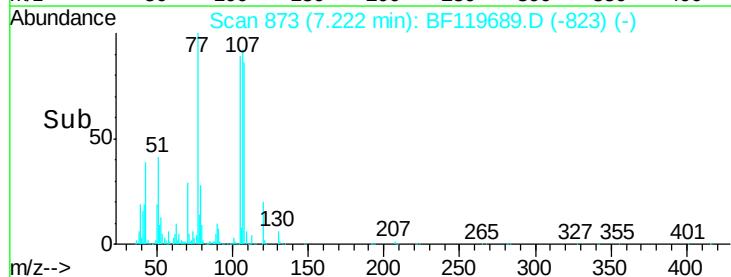
Abundance

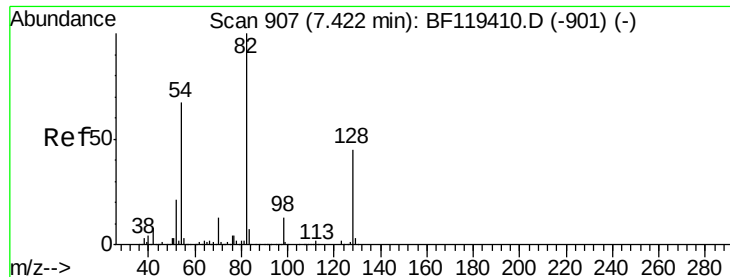
Ion 105.00 (104.70 to 105.70): E

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





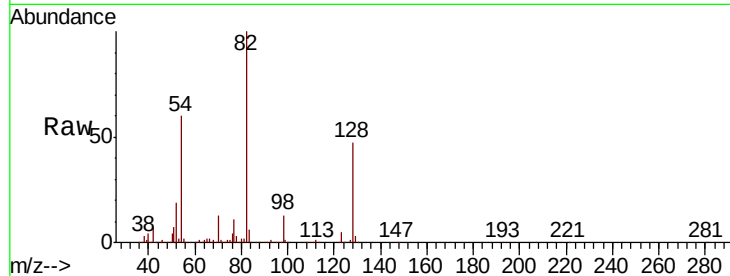
#23
 Nitrobenzene-d5
 Concen: 78.000 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF119689.D
 Acq: 2 Apr 2020 1:42

Instrument :
 BNA_F
 ClientSampleId :
 PB127937BSD

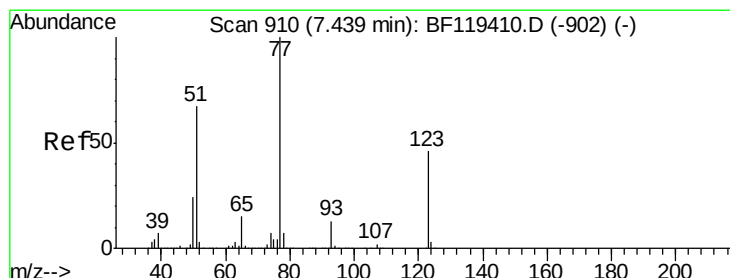
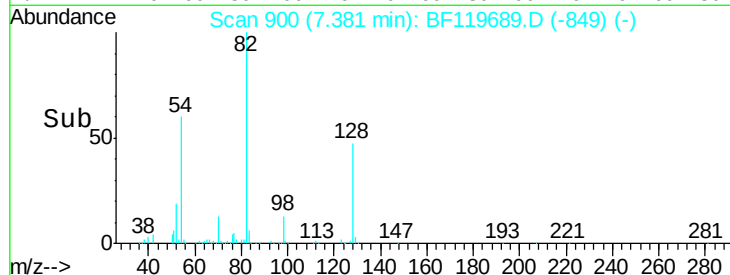
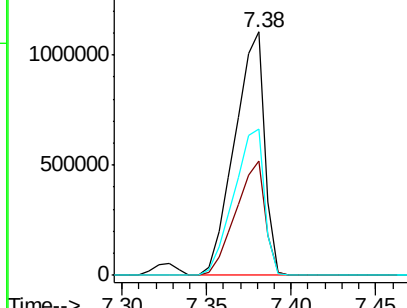
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.3	54.5
54	60.2	50.6	75.8

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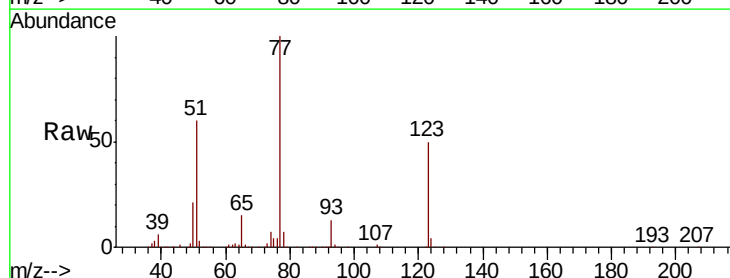


Abundance Ion 82.00 (81.70 to 82.70): BF1
 1500000
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

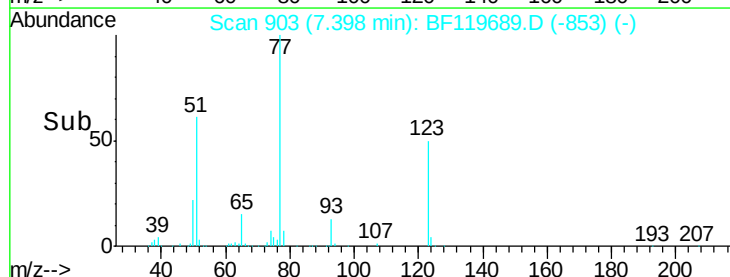
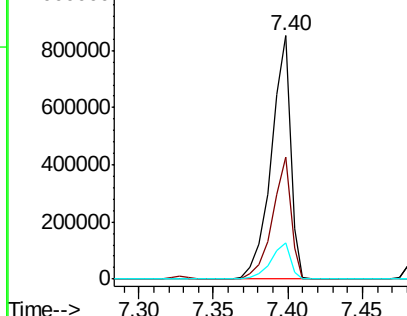


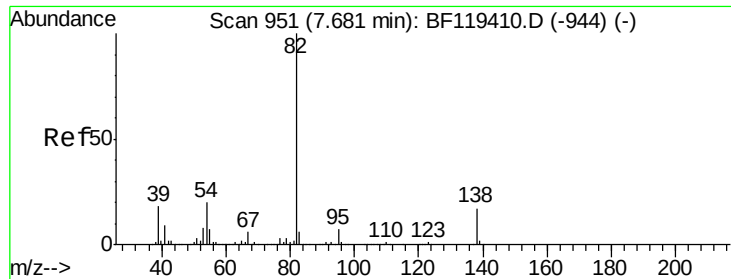
#24
 Nitrobenzene
 Concen: 40.684 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF119689.D
 Acq: 2 Apr 2020 1:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.9	38.0	57.0
65	15.0	12.6	18.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
 1000000
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





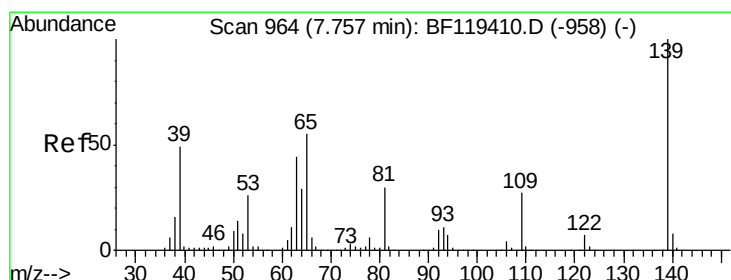
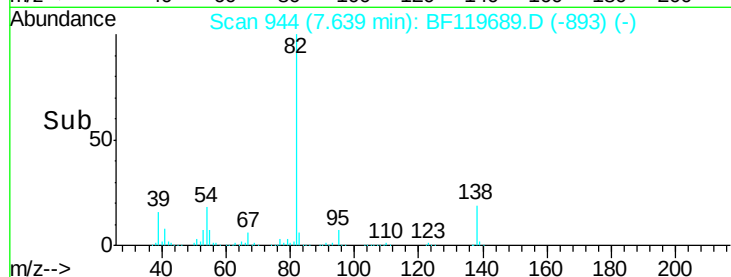
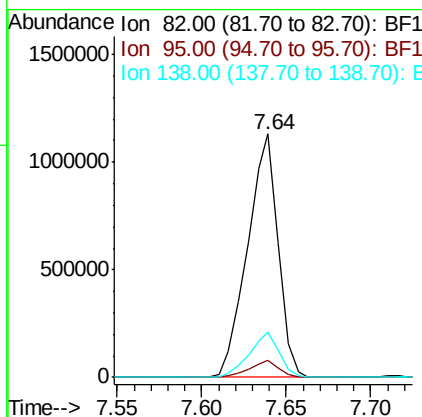
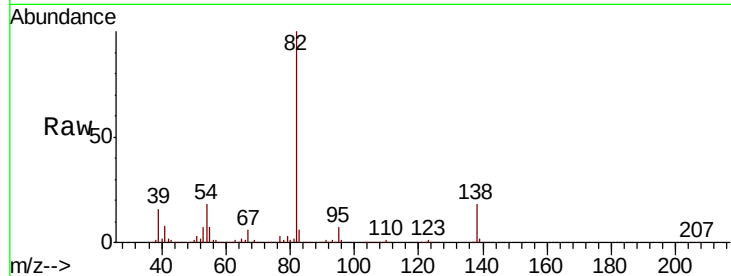
#25
Isophorone
Concen: 40.256 ng
RT: 7.64 min Scan# 944
Delta R.T. -0.00 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Instrument :
BNA_F
ClientSampleId :
PB127937BSD

Tot Ion: 82 Resp: 1427068
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 18.5 14.6 21.8

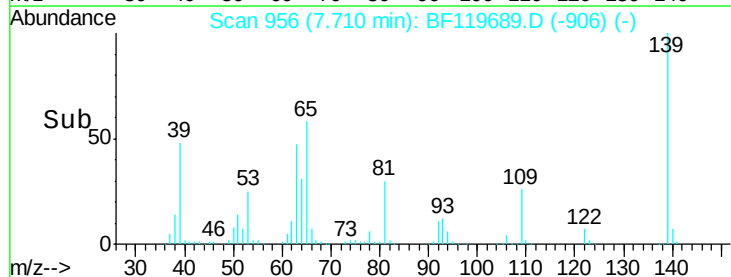
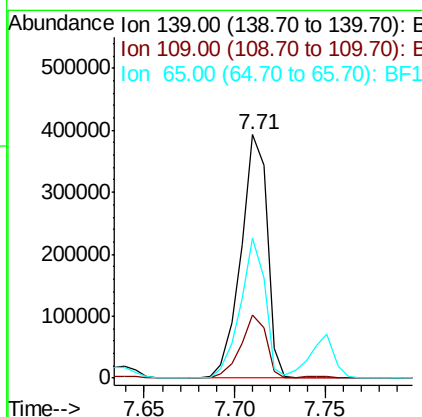
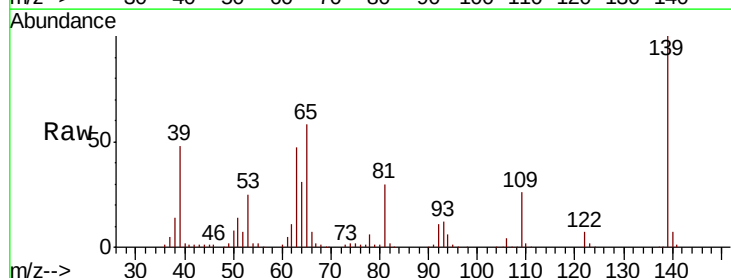
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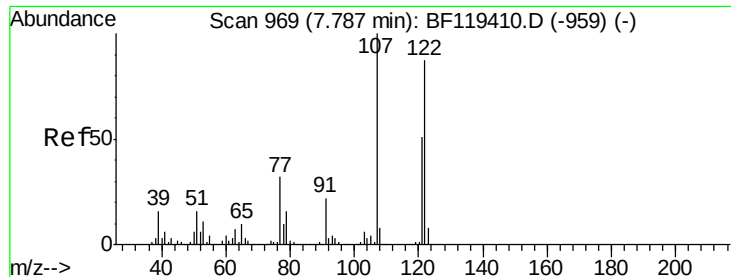
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#26
2-Nitrophenol
Concen: 53.711 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Tgt Ion: 139 Resp: 394966
Ion Ratio Lower Upper
139 100
109 26.1 22.1 33.1
65 57.7 49.2 73.8





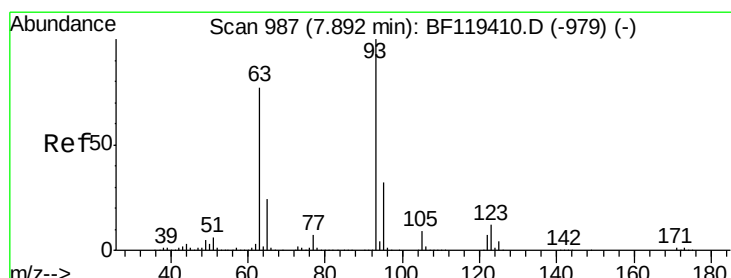
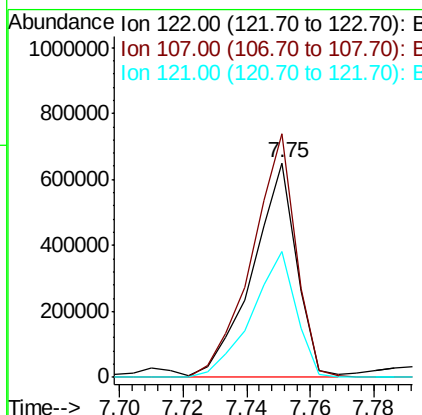
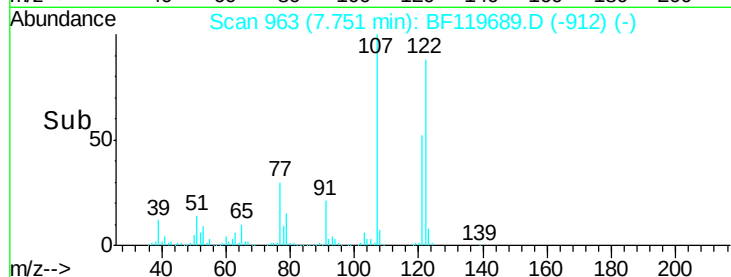
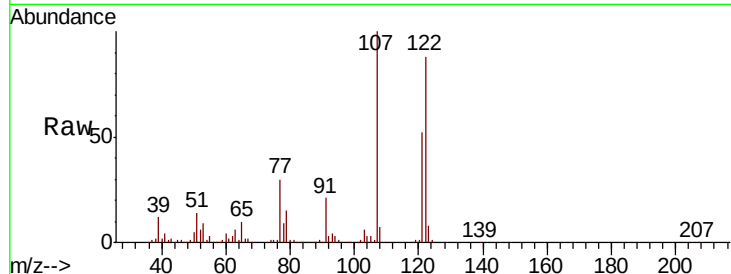
#27
2,4-Dimethylphenol
Concen: 41.565 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Instrument :
BNA_F
ClientSampleID :
PB127937BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	632012		
107	113.7	89.0	133.6	
121	58.8	46.7	70.1	

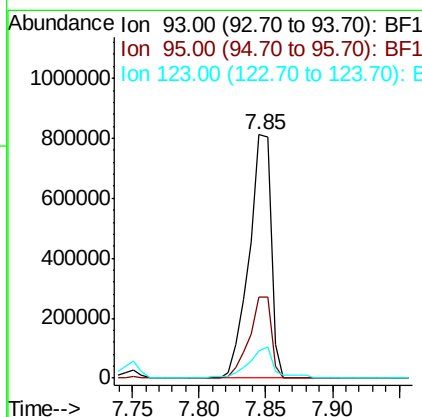
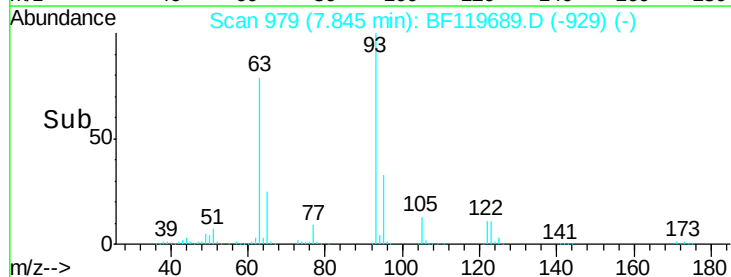
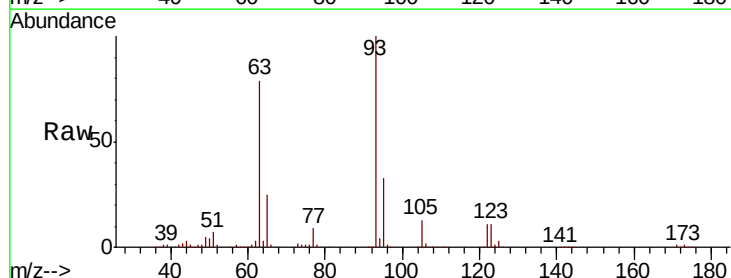
Manual Integrations
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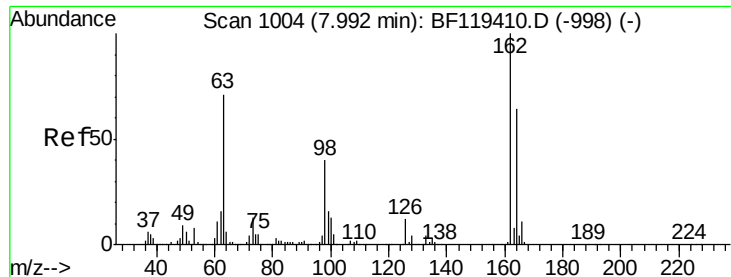
mohammad
4/3/2020 11:14:39 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.420 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	910194		
95	33.0	26.3	39.5	
123	11.4	9.7	14.5	





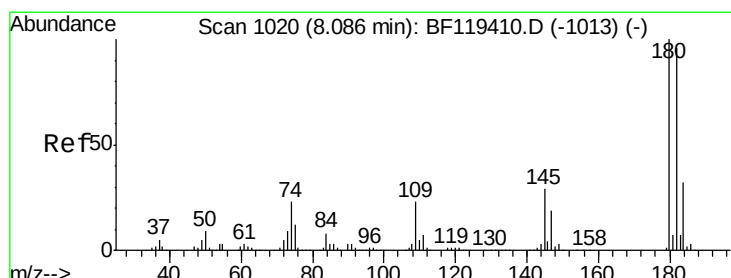
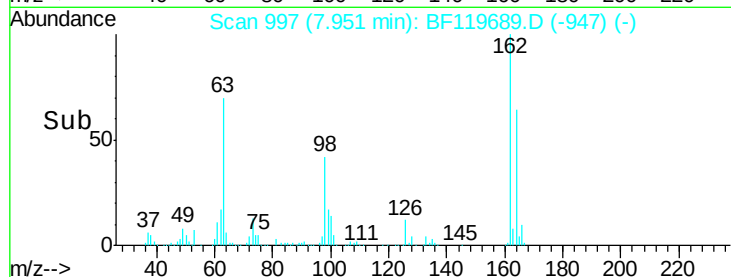
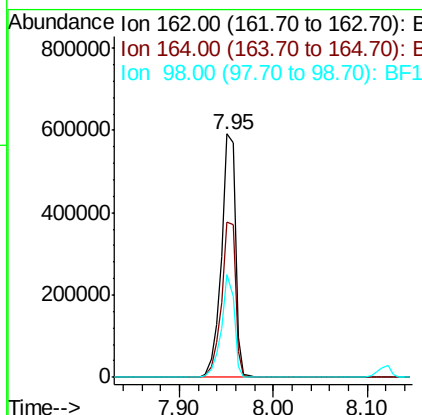
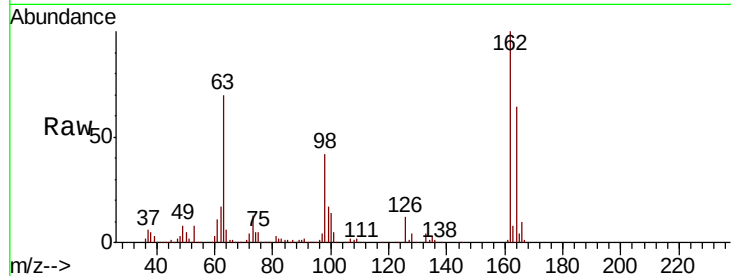
#29
2,4-Dichlorophenol
Concen: 44.257 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Instrument :
BNA_F
ClientSampleId :
PB127937BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	618314		
164	64.0	44.7	84.7	
98	42.0	20.7	60.7	

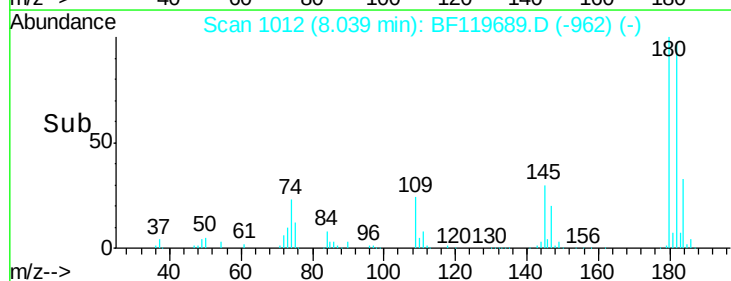
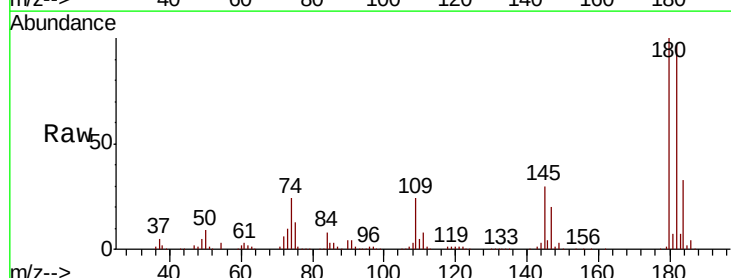
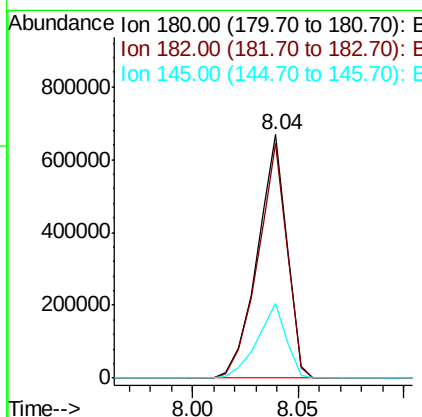
Manual Integrations
APPROVED

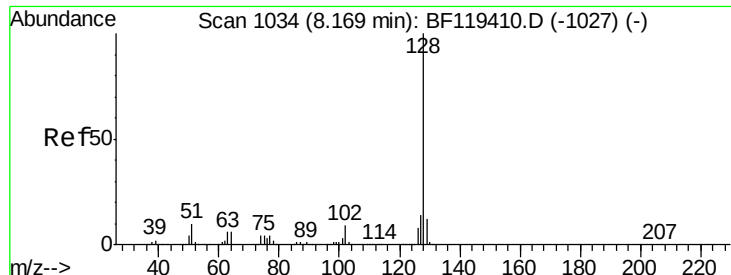
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 41.800 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	645848		
182	96.6	74.7	112.1	
145	30.4	24.5	36.7	





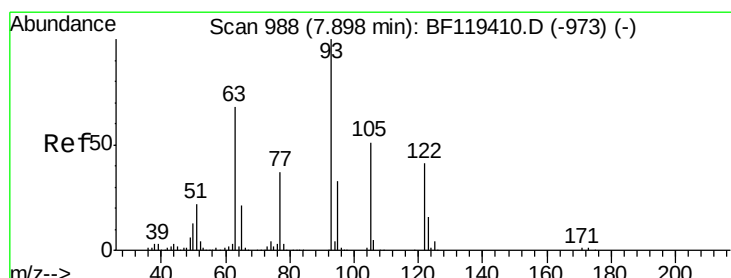
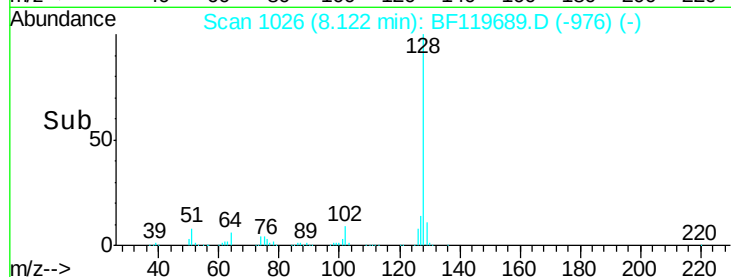
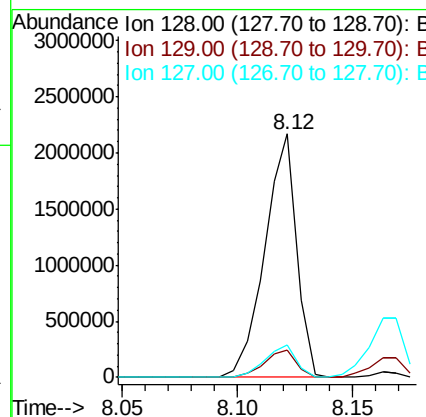
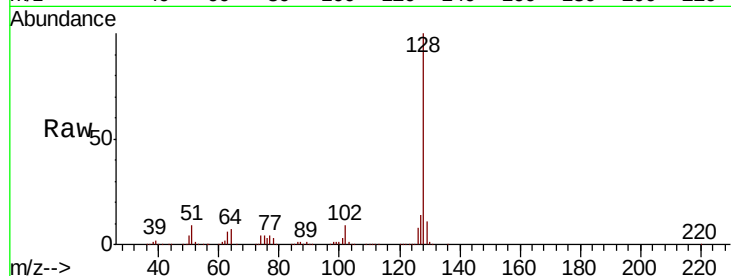
#31
Naphthalene
Concen: 42.458 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Instrument :
BNA_F
ClientSampleId :
PB127937BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.5	14.3
127	13.5	11.3	16.9

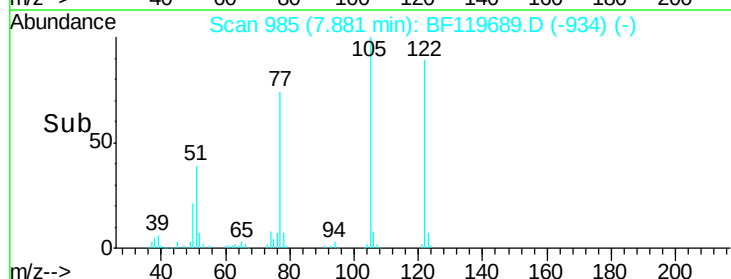
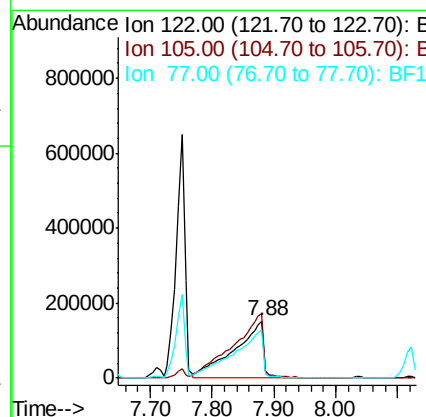
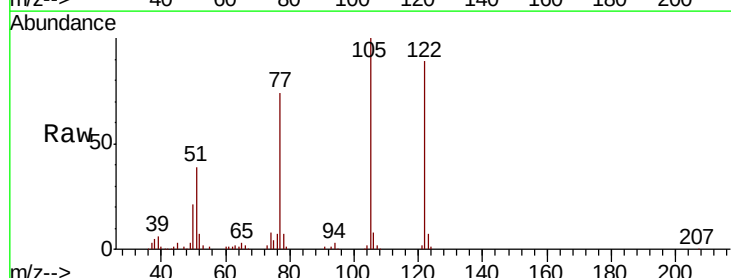
Manual Integrations
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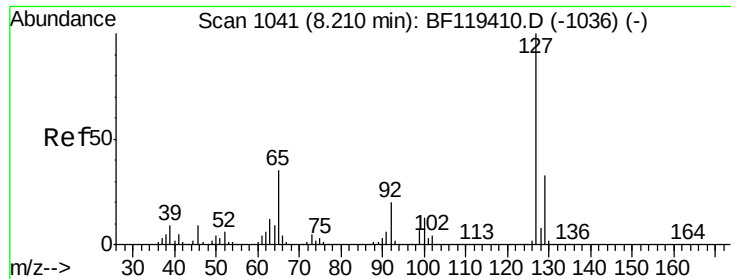
mohammad
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#32
Benzoic acid
Concen: 51.150 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	112.1	104.9	144.9
77	82.8	74.4	114.4





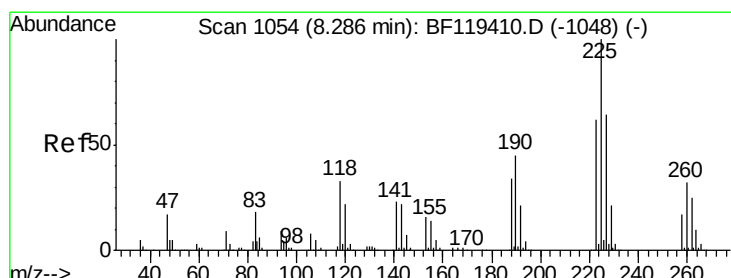
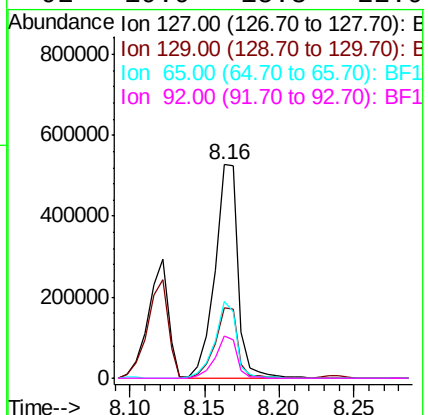
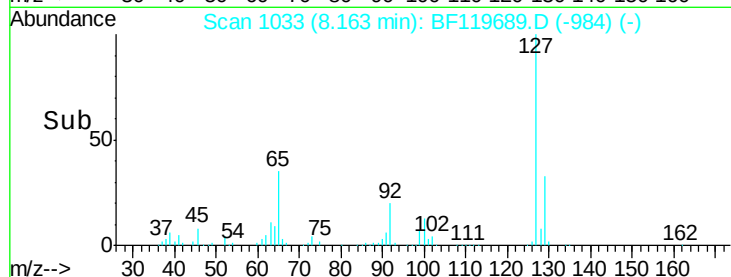
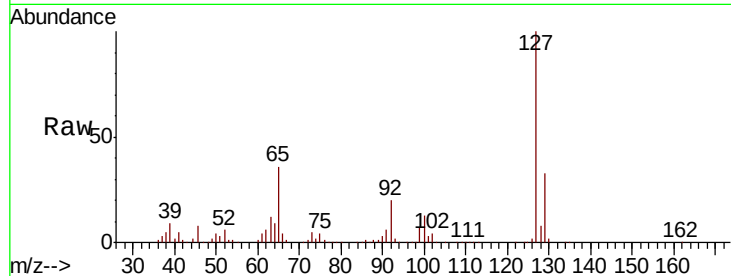
#33
4-Chloroaniline
Concen: 25.615 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Instrument :
BNA_F
ClientSampleId :
PB127937BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		573677		
129	32.8	26.2	39.4		
65	35.7	27.4	41.0		
92	19.9	15.3	22.9		

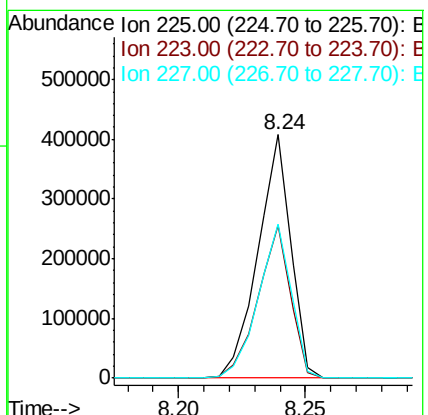
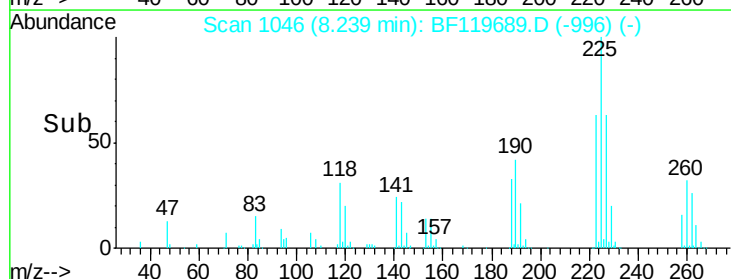
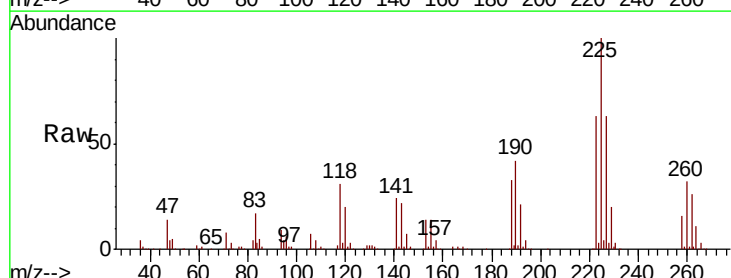
Manual Integrations
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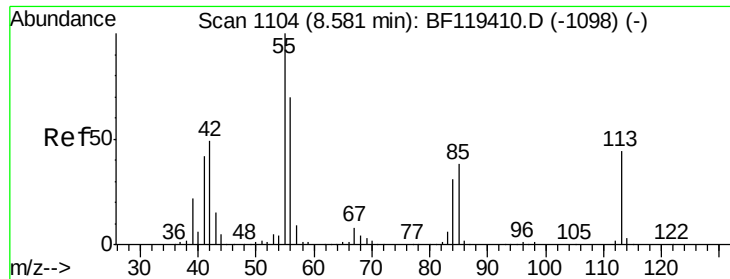
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#34
Hexachlorobutadiene
Concen: 42.669 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		368865		
223	62.6	51.0	76.6		
227	63.4	50.7	76.1		





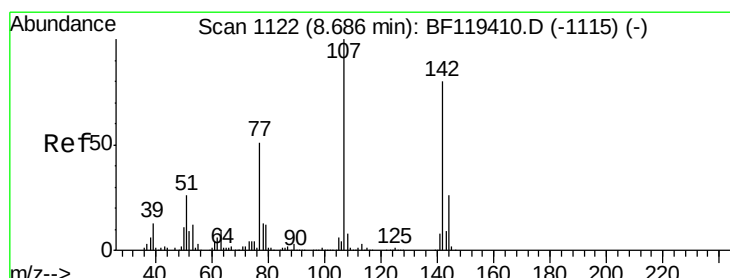
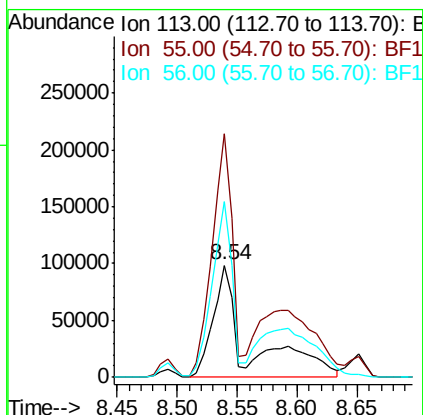
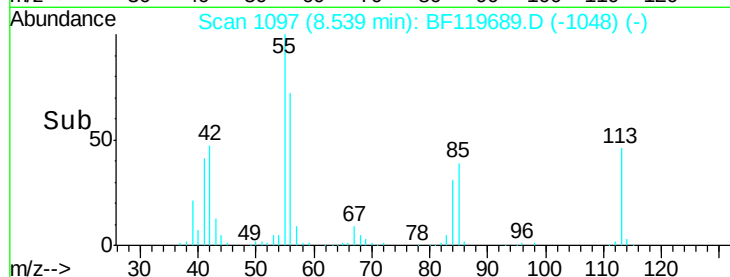
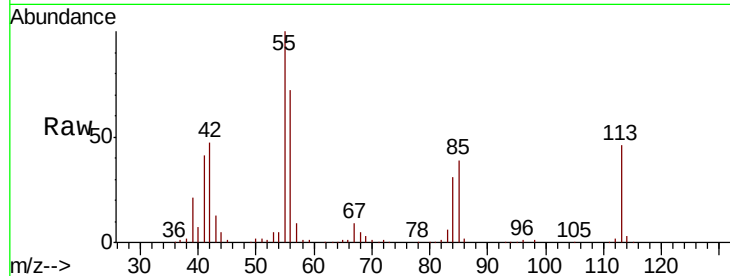
#35
Caprolactam
Concen: 43.751 ng/ml
RT: 8.54 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Instrument :
BNA_F
ClientSampleId :
PB127937BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	216.7	218.4	258.4#
56	156.3	148.9	188.9

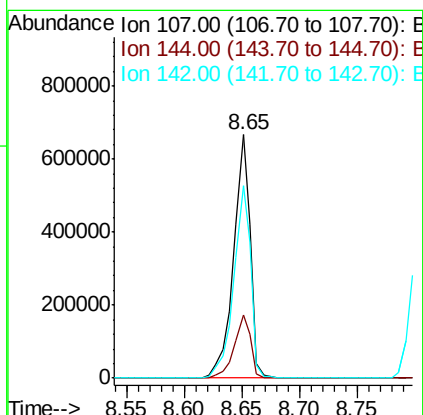
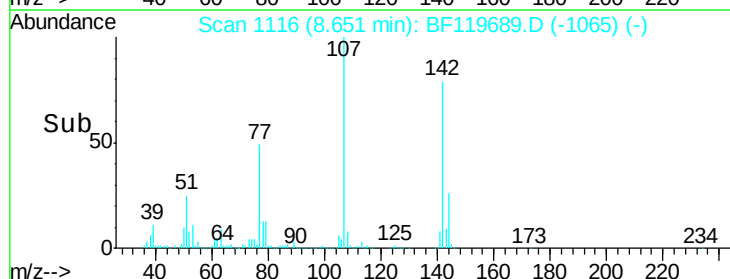
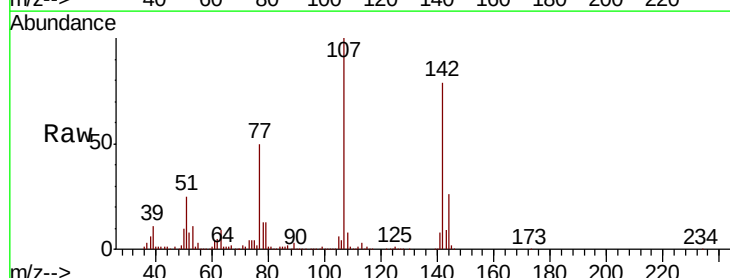
Manual Integrations
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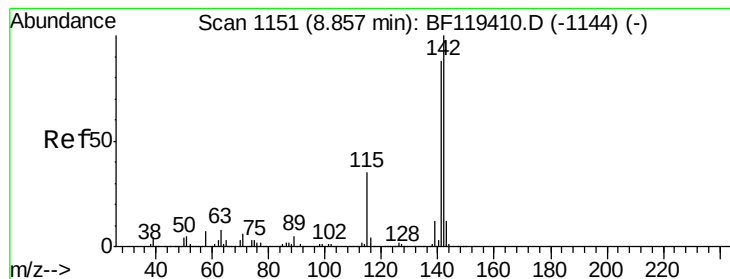
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 43.447 ng/ml
RT: 8.65 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	21.0	31.6
142	79.2	64.4	96.6





#37

2-Methylnaphthalene

Concen: 44.194 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BF119689.D

Acq: 2 Apr 2020 1:42

Instrument :

BNA_F

ClientSampleId :

PB127937BSD

Tot Ion:142 Resp: 1417614

Ion Ratio Lower Upper

142 100

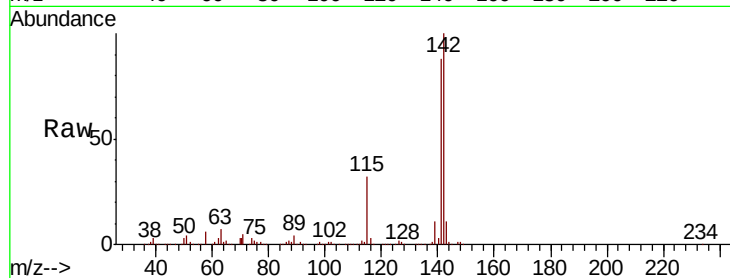
141 88.1 71.7 107.5

115 32.3 27.9 41.9

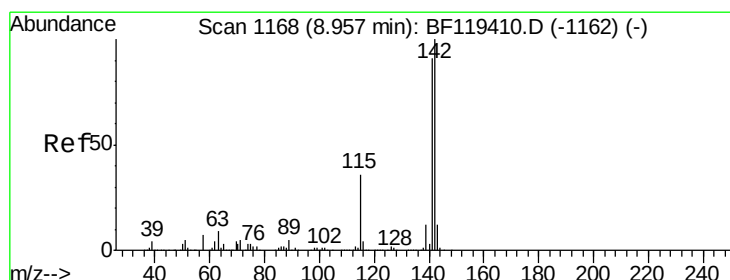
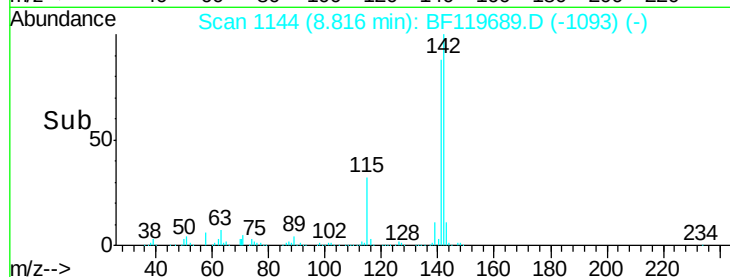
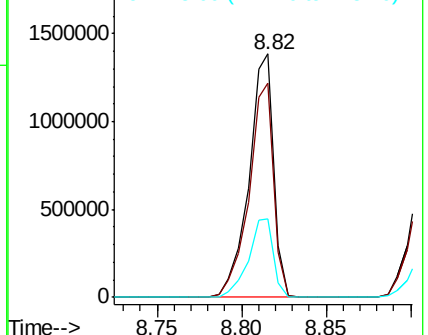
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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 44.169 ng

RT: 8.92 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF119689.D

Acq: 2 Apr 2020 1:42

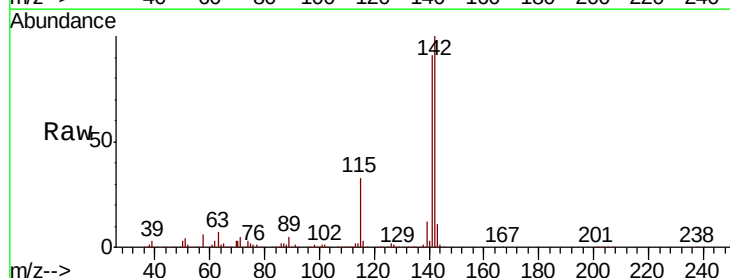
Tgt Ion:142 Resp: 1341036

Ion Ratio Lower Upper

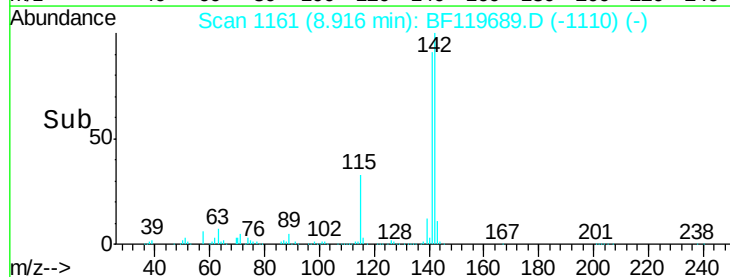
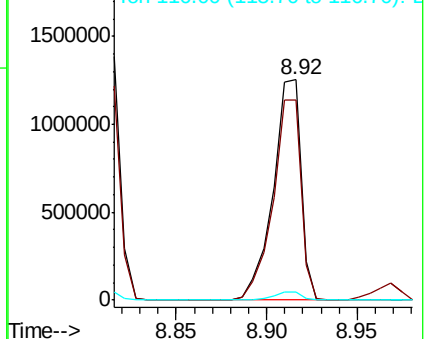
142 100

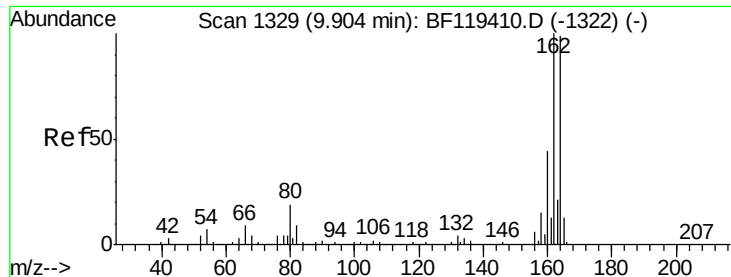
141 90.7 73.7 110.5

116 3.4 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





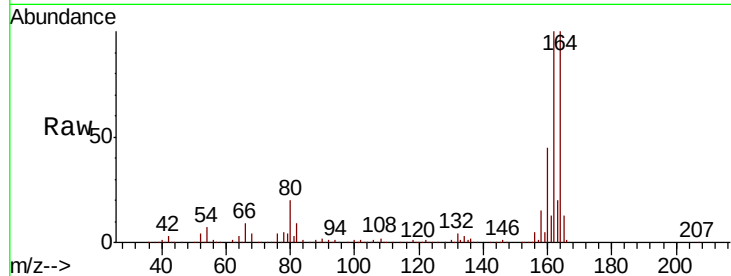
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Instrument :
BNA_F
ClientSampleId :
PB127937BSD

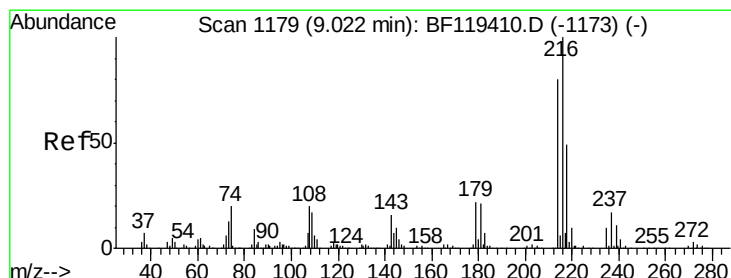
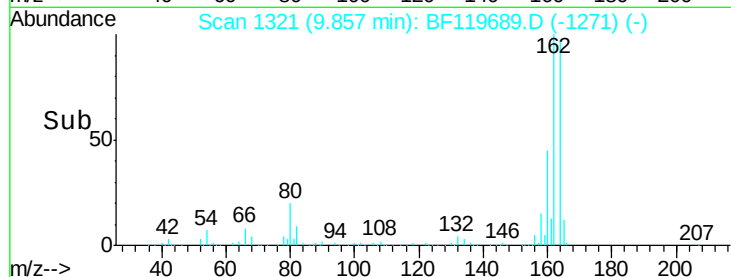
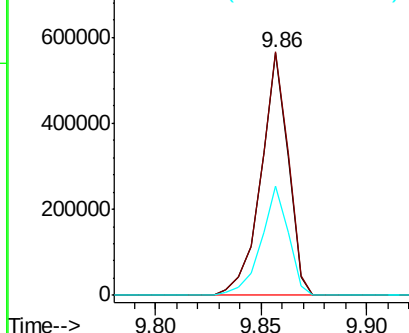
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.4	80.6	121.0	
160	44.8	35.7	53.5	

Manual Integrations
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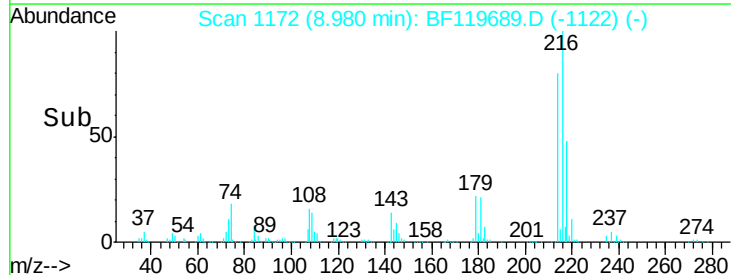
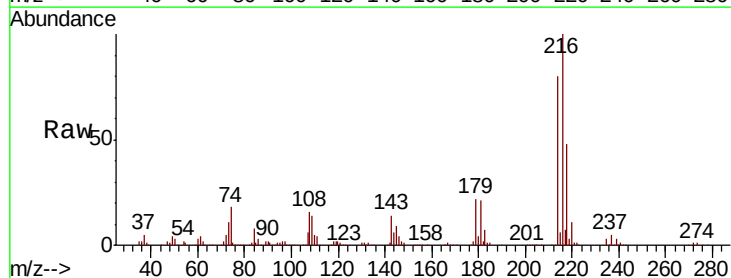
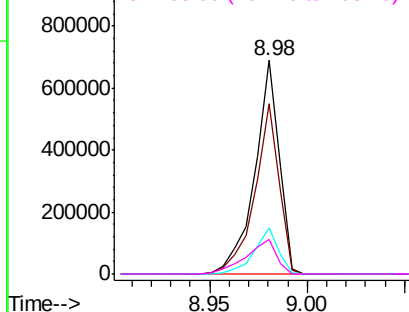
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

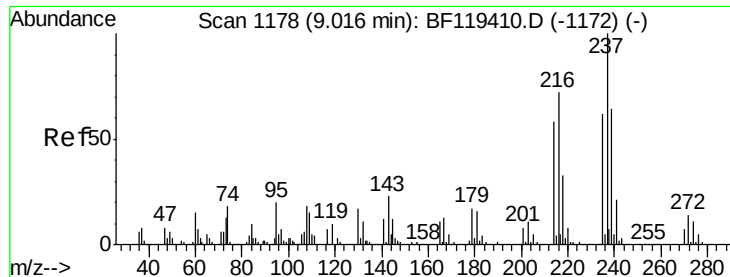


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.508 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	63.2	94.8	
179	21.3	17.1	25.7	
108	20.3	15.1	22.7	

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





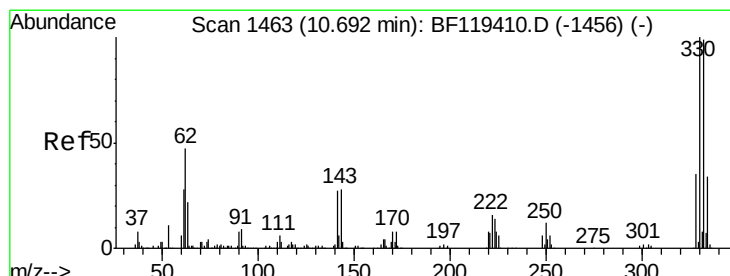
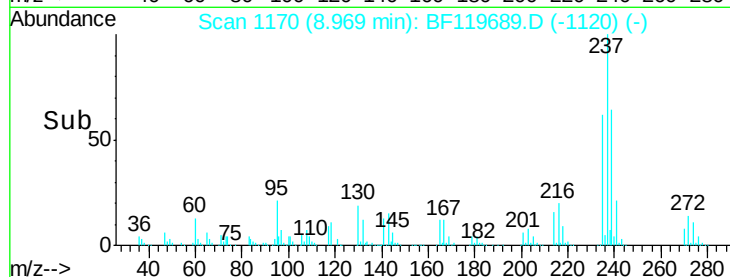
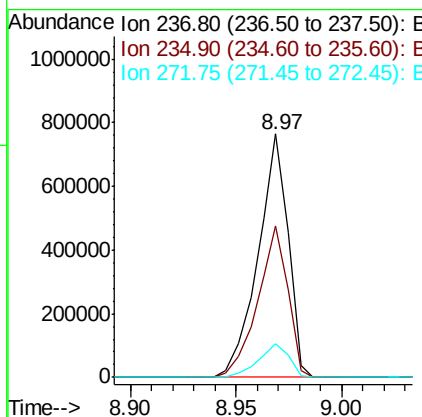
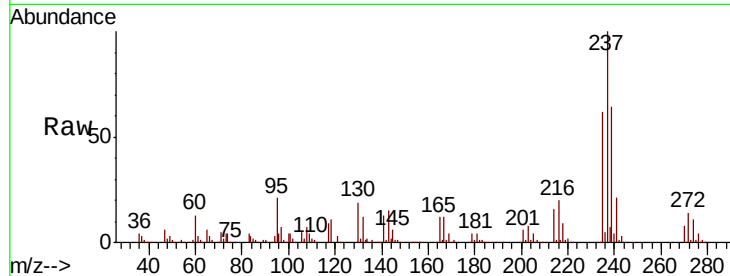
#41
Hexachlorocyclopentadiene
Concen: 89.893 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Instrument :
BNA_F
ClientSampleId :
PB127937BSD

Tot Ion:	237	Resp:	755615
Ion Ratio	Lower	Upper	
237	100		
235	62.2	43.2	83.2
272	13.7	0.0	34.1

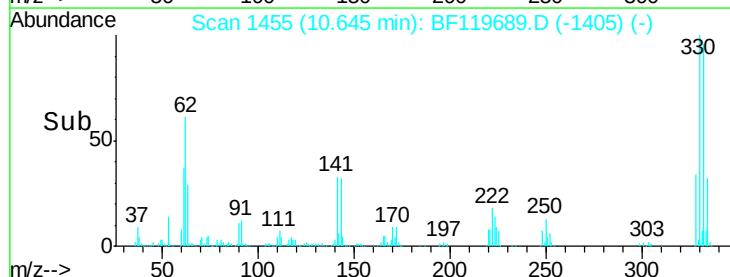
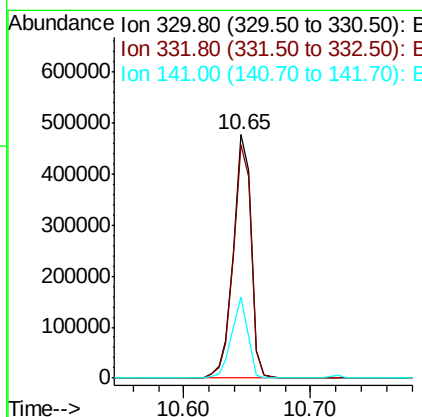
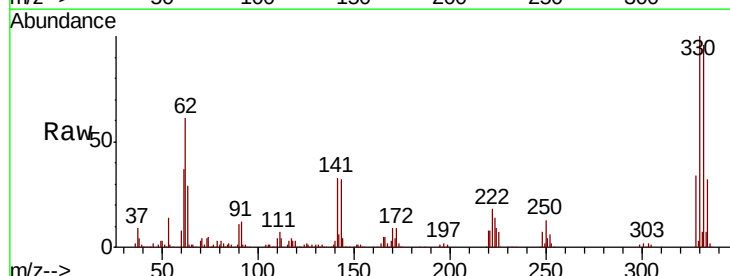
Manual Integrations
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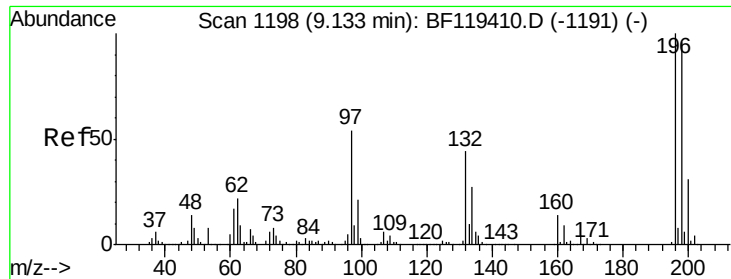
mohammad
4/3/2020 11:14:39 PM



#42
2,4,6-Tribromophenol
Concen: 88.567 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Tgt Ion:	330	Resp:	460911
Ion Ratio	Lower	Upper	
330	100		
332	96.8	75.7	113.5
141	30.4	25.4	38.0





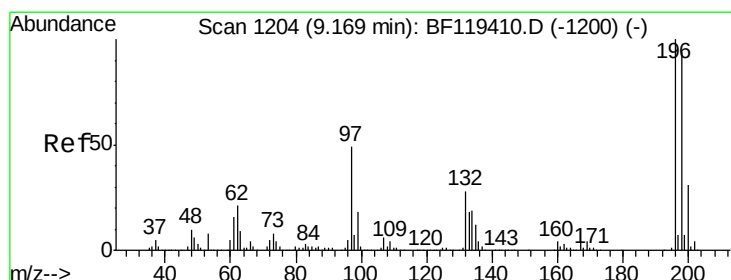
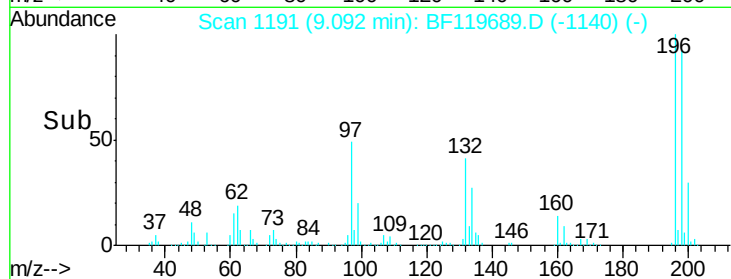
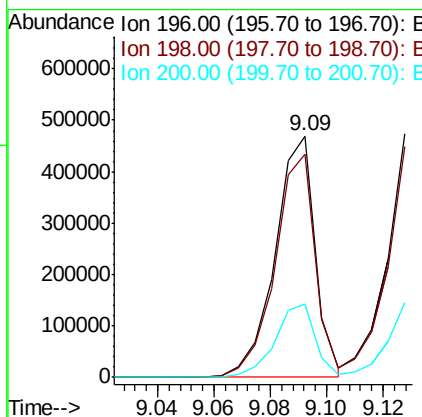
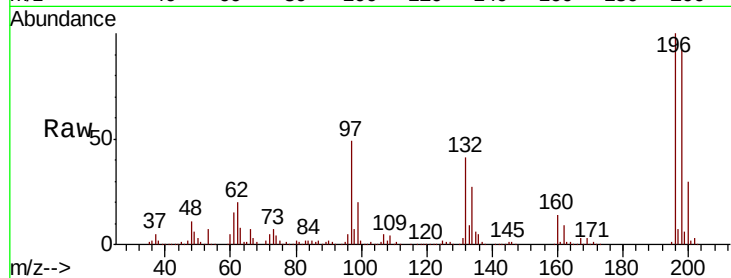
#43
 2,4,6-Trichlorophenol
 Concen: 43.476 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF119689.D
 Acq: 2 Apr 2020 1:42

Instrument :
 BNA_F
 ClientSampleId :
 PB127937BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	460012		
198	92.3	76.6	115.0	
200	30.4	24.6	36.8	

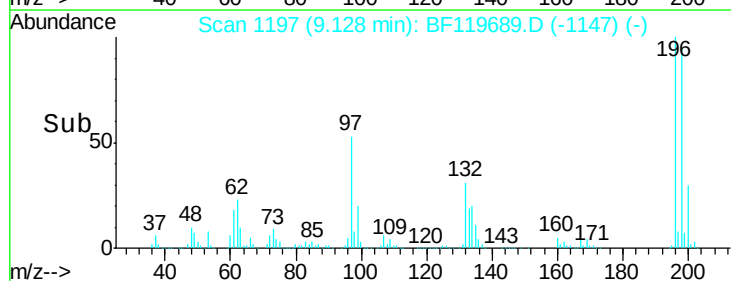
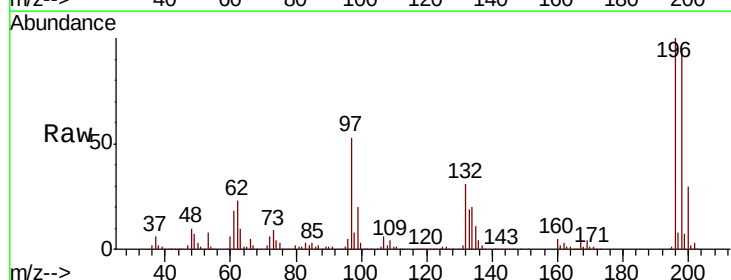
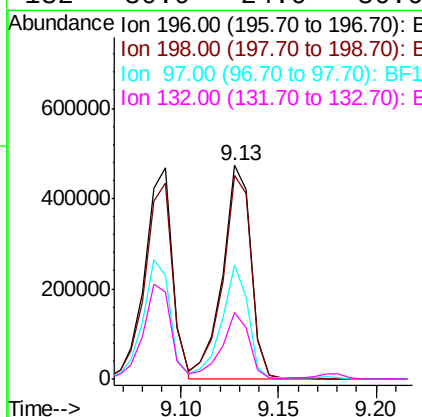
Manual Integrations
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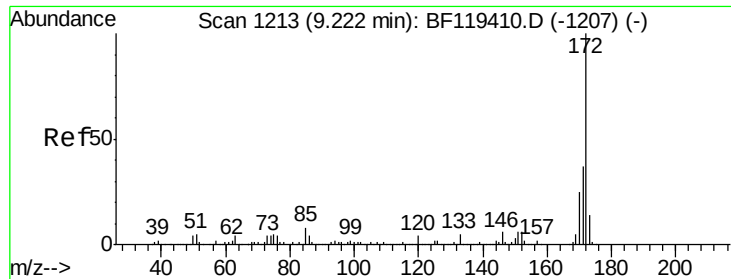
mohammad
 4/3/2020 11:14:39 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.364 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF119689.D
 Acq: 2 Apr 2020 1:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	478439		
198	95.1	73.8	110.8	
97	53.5	42.6	63.8	
132	30.9	24.0	36.0	





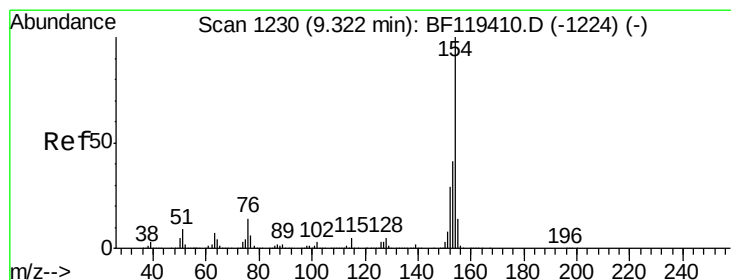
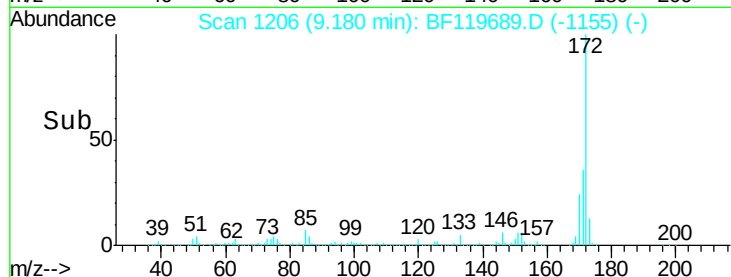
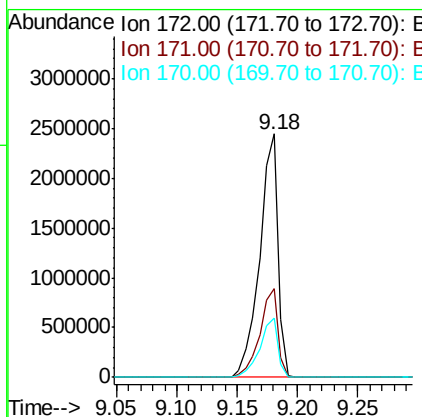
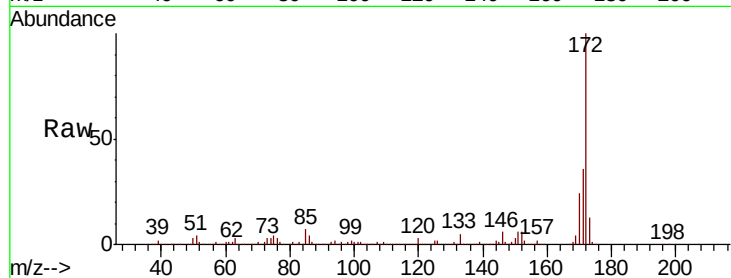
#45
2-Fluorobiphenyl
Concen: 76.048 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Instrument :
BNA_F
ClientSampleId :
PB127937BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.4	20.2	30.2

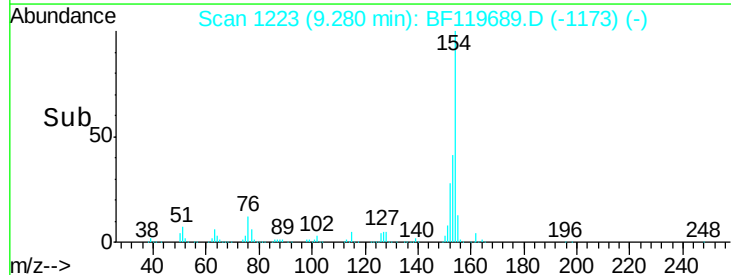
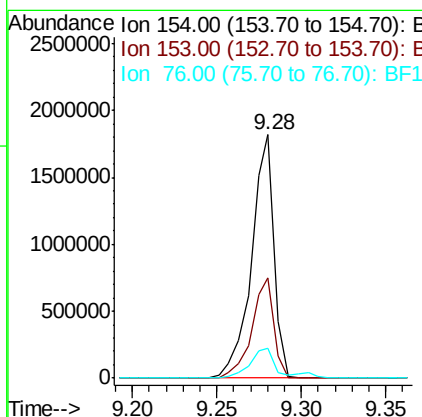
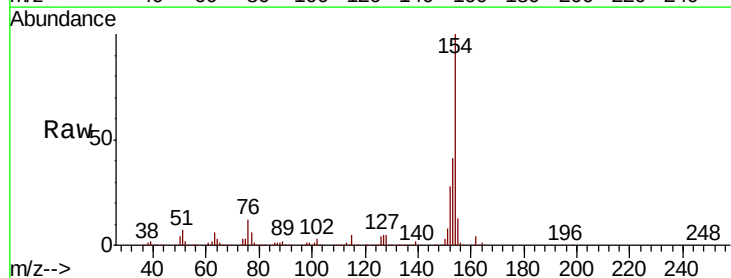
Manual Integrations
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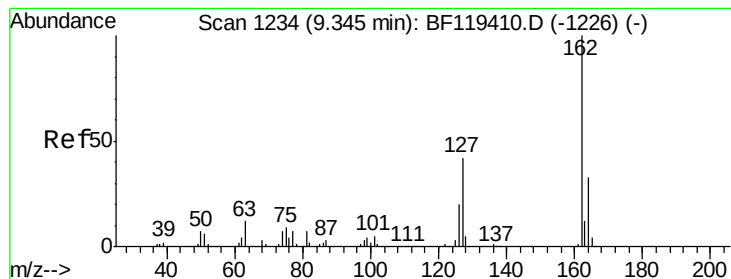
mohammad
4/3/2020 11:14:39 PM



#46
1,1'-Biphenyl
Concen: 41.221 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.4	61.4
76	12.2	0.0	33.0





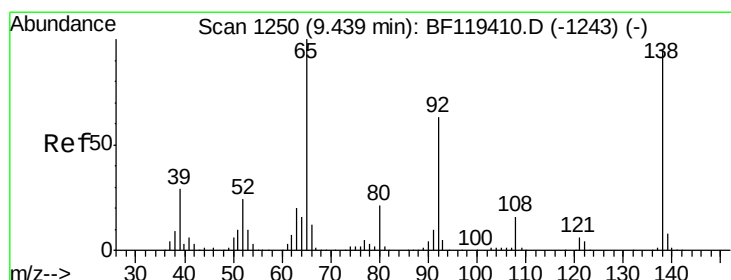
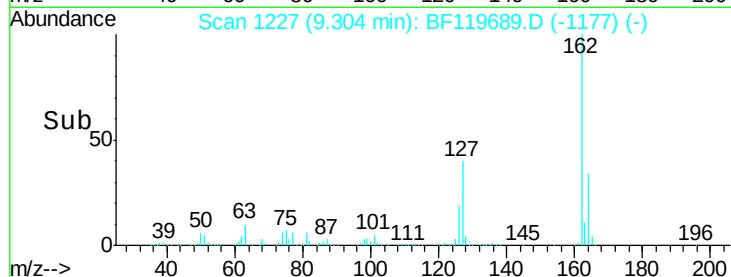
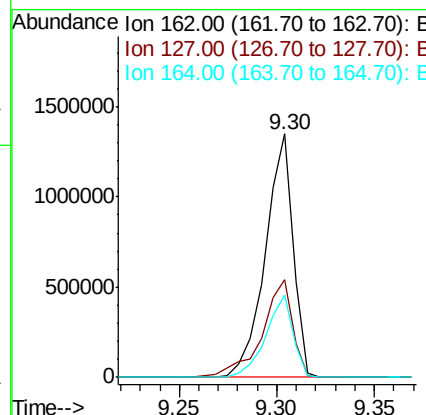
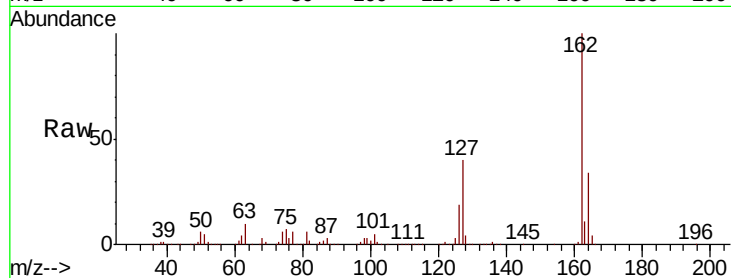
#47
 2-Chloronaphthalene
 Concen: 41.330 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF119689.D
 Acq: 2 Apr 2020 1:42

Instrument :
 BNA_F
 ClientSampleId :
 PB127937BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	33.7	50.5
164	33.8	26.3	39.5

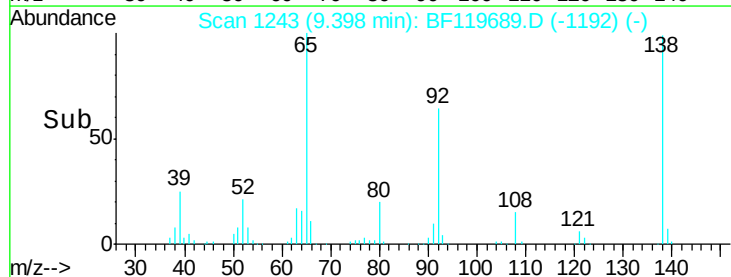
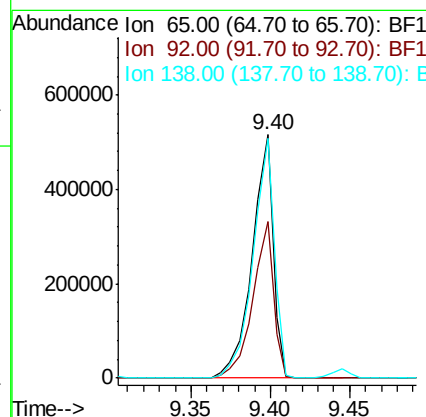
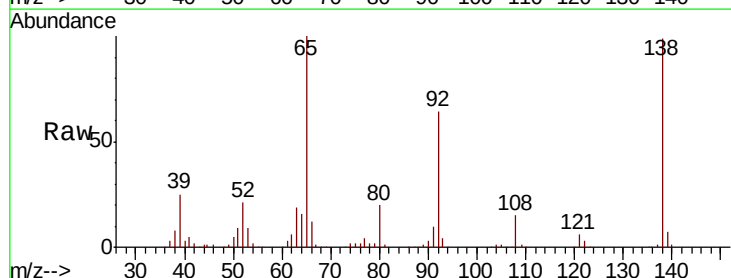
Manual Integrations
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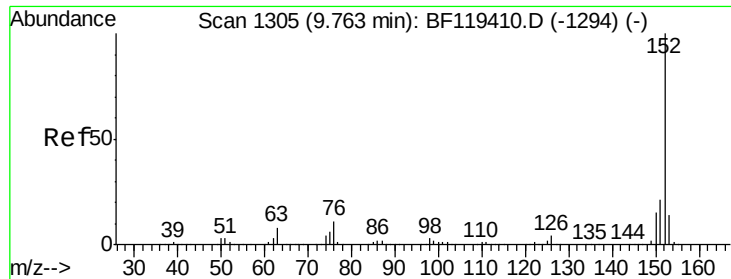
mohammad
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#48
 2-Nitroaniline
 Concen: 42.741 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF119689.D
 Acq: 2 Apr 2020 1:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.1	50.0	75.0
138	98.5	75.0	112.4





#49

Acenaphthylene

Concen: 41.018 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF119689.D

Acq: 2 Apr 2020 1:42

Instrument :

BNA_F

ClientSampleId :

PB127937BSD

Tot Ion:152 Resp: 2072914

Ion Ratio Lower Upper

152 100

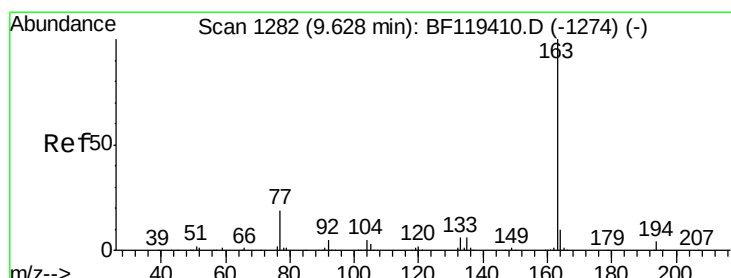
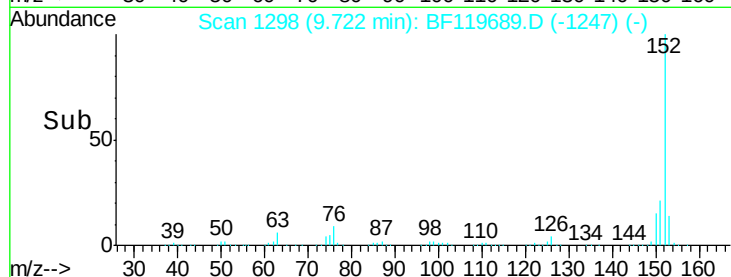
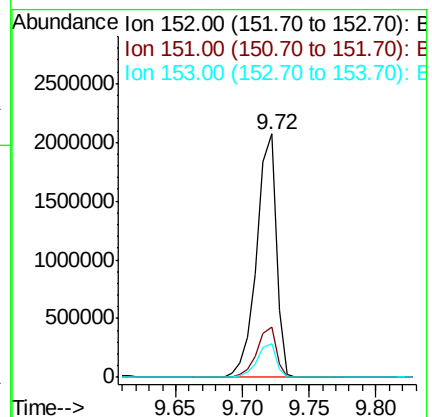
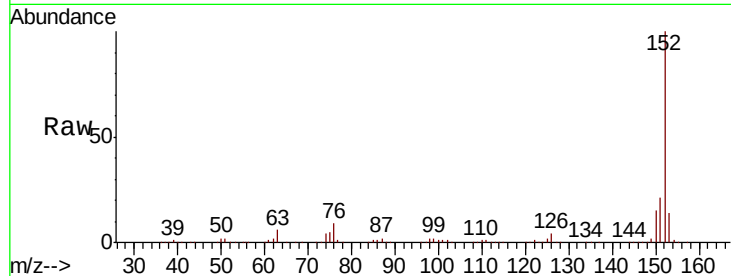
151 20.8 17.2 25.8

153 13.7 11.2 16.8

Manual Integrations
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#50

Dimethylphthalate

Concen: 43.193 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF119689.D

Acq: 2 Apr 2020 1:42

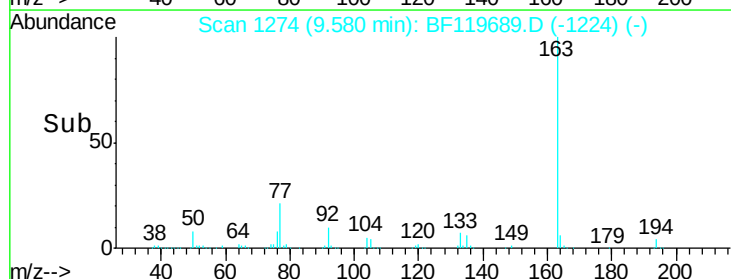
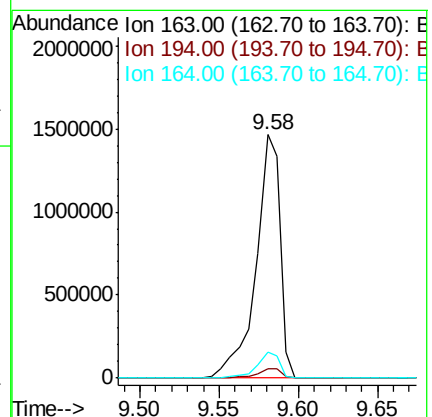
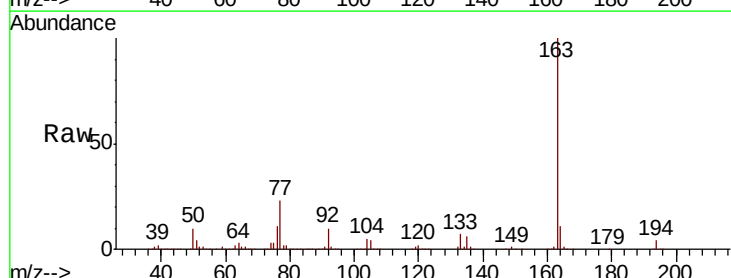
Tgt Ion:163 Resp: 1547643

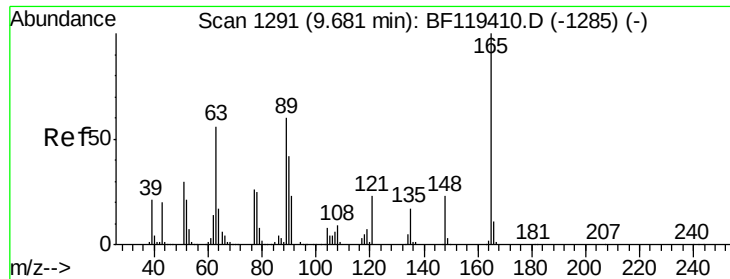
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.8 8.2 12.2





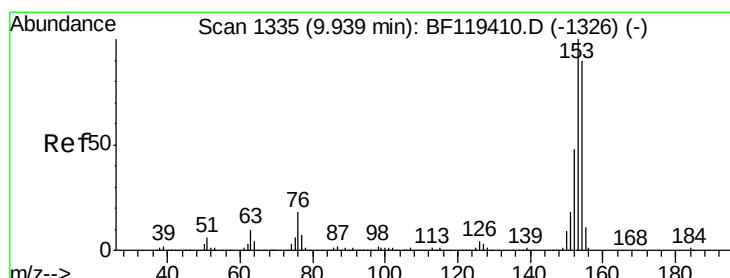
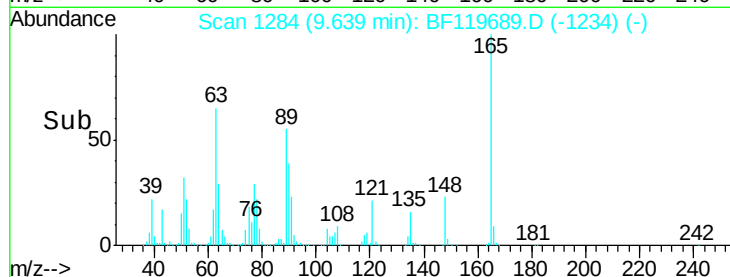
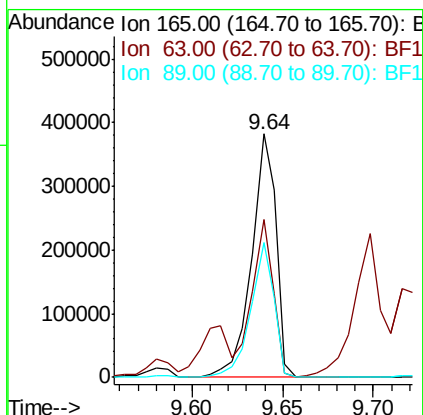
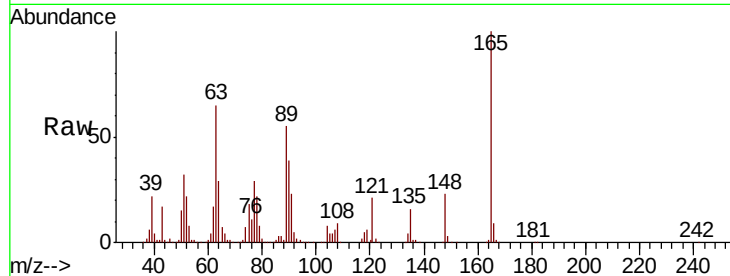
#51
2,6-Dinitrotoluene
Concen: 46.440 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Instrument :
BNA_F
ClientSampleId :
PB127937BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	356661		
63	65.1	45.0	67.4	
89	55.1	41.5	62.3	

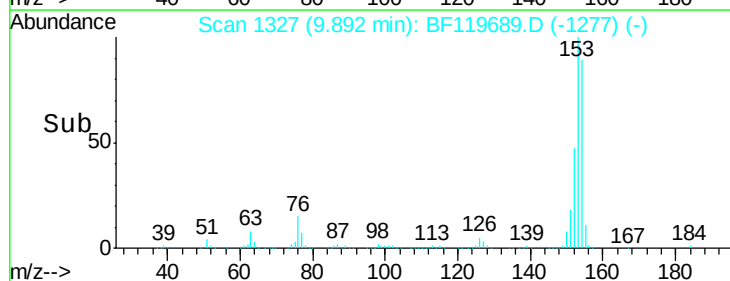
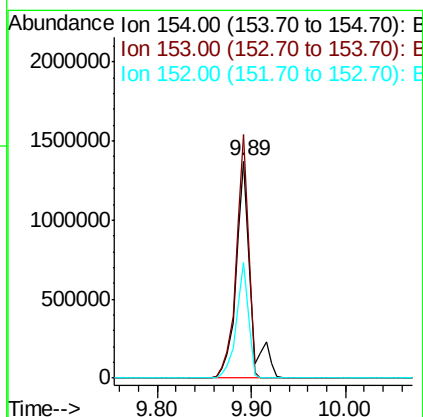
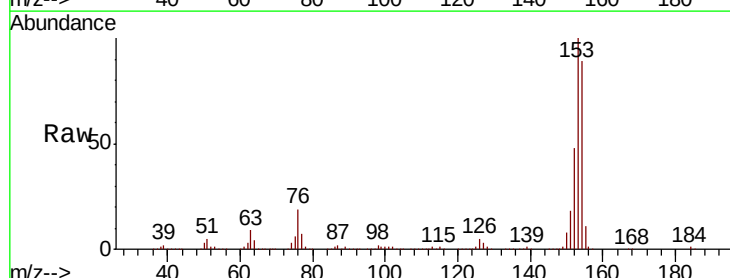
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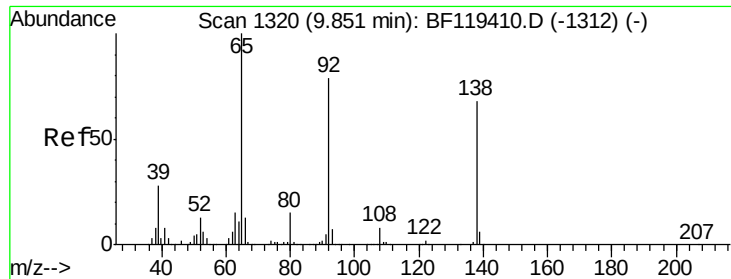
mohammad
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#52
Acenaphthene
Concen: 45.861 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1444867		
153	112.0	88.1	132.1	
152	53.4	43.0	64.4	





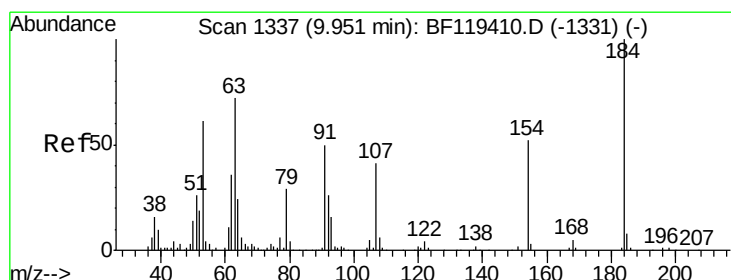
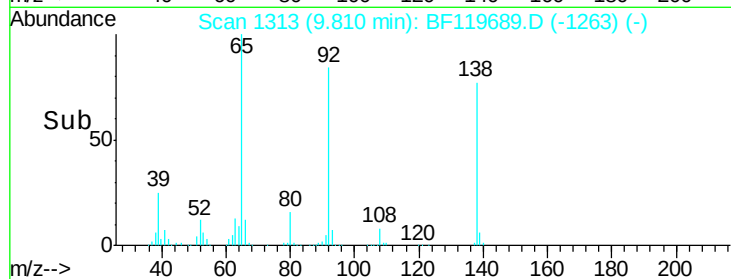
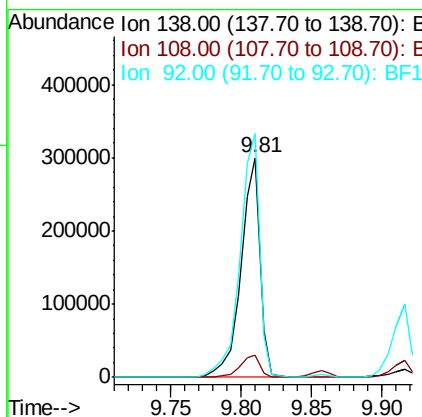
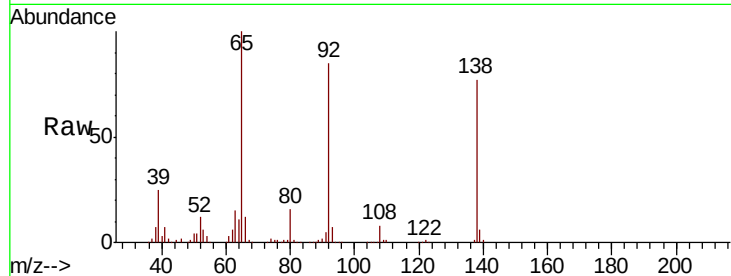
#53
 3-Nitroaniline
 Concen: 28.972 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF119689.D
 Acq: 2 Apr 2020 1:42

Instrument :
 BNA_F
 ClientSampleId :
 PB127937BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.6	13.0
92	110.7	95.4	143.0

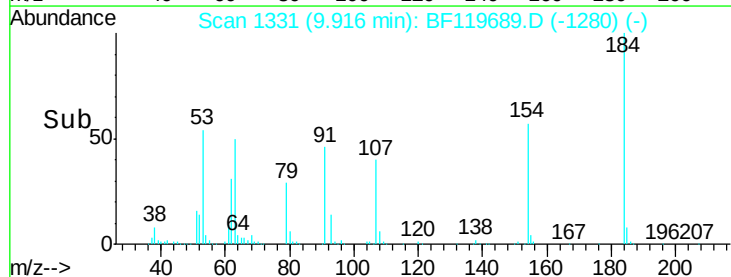
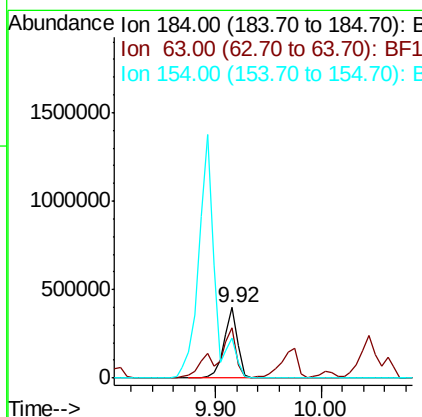
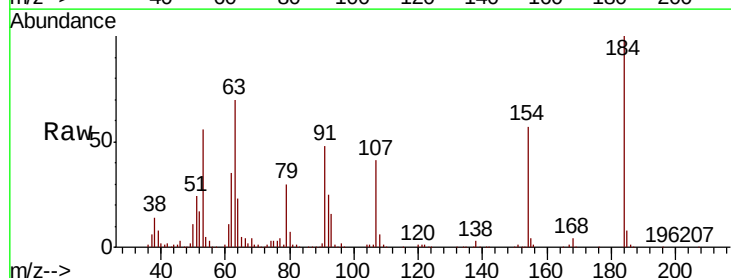
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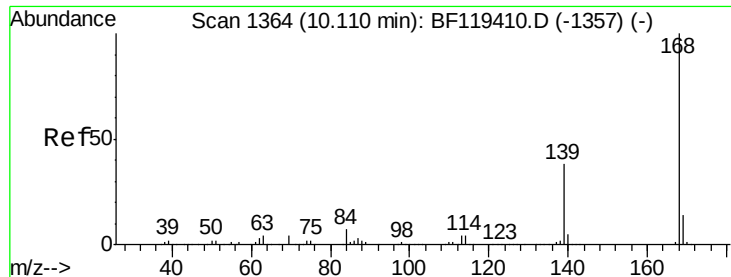
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 105.265 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF119689.D
 Acq: 2 Apr 2020 1:42

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.3	50.2	75.4
154	57.1	44.5	66.7





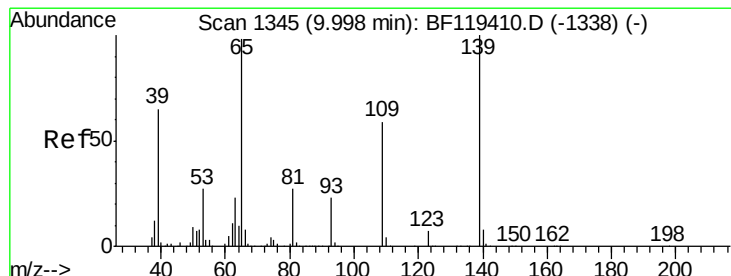
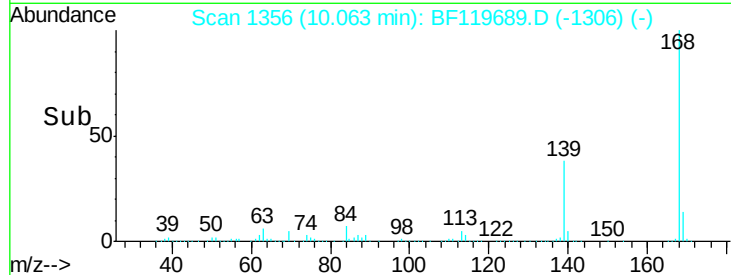
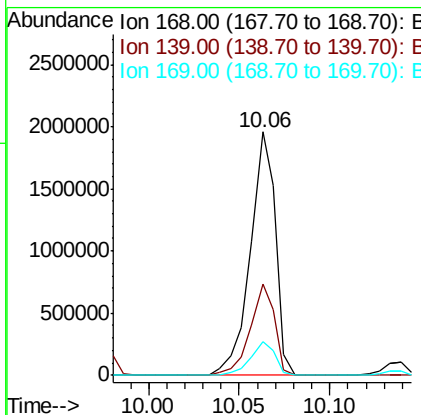
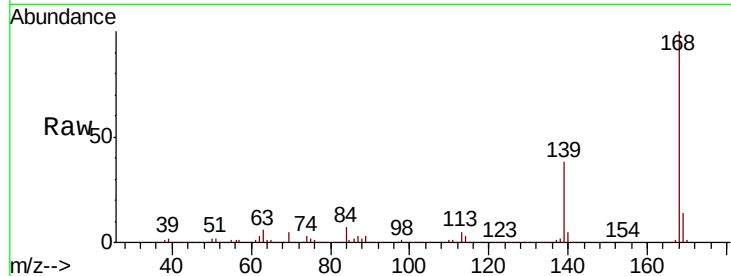
#55
Dibenzofuran
Concen: 41.580 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Instrument :
BNA_F
ClientSampleId :
PB127937BSD

Tot Ion:168 Resp: 1878200
Ion Ratio Lower Upper
168 100
139 37.7 30.1 45.1
169 14.0 11.0 16.6

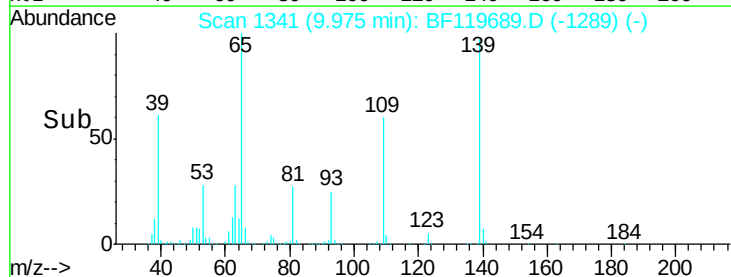
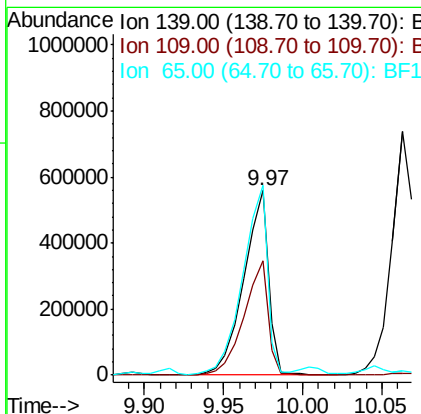
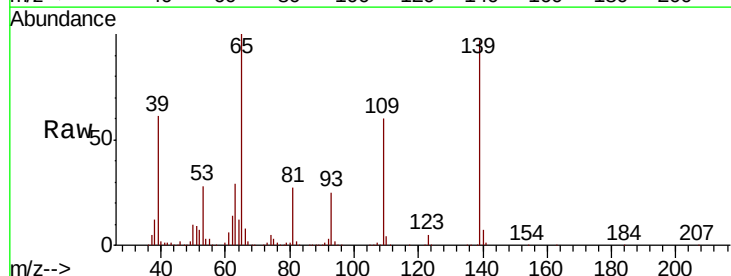
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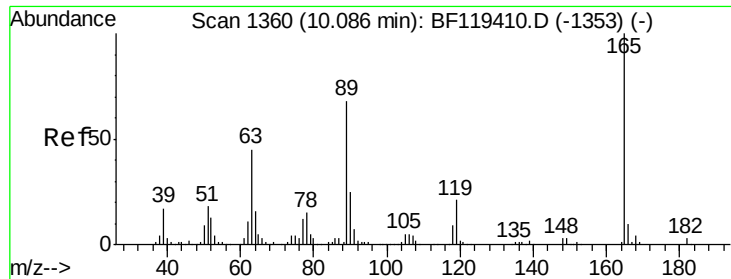
mohammad
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#56
4-Nitrophenol
Concen: 79.362 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Tgt Ion:139 Resp: 607027
Ion Ratio Lower Upper
139 100
109 61.9 43.3 83.3
65 103.1 91.0 131.0





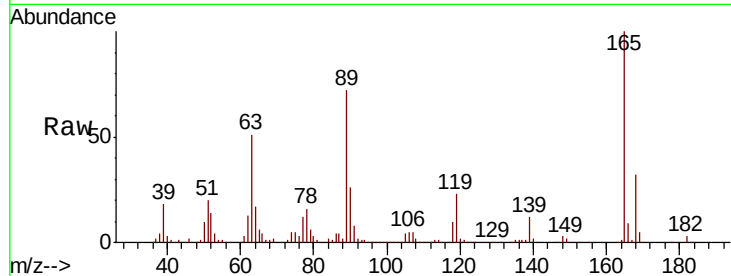
#57
2,4-Dinitrotoluene
Concen: 48.875 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Instrument :
BNA_F
ClientSampleId :
PB127937BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	472860		
63	50.7	42.6	64.0	
89	72.4	61.0	91.4	
182	2.6	2.2	3.2	

Manual Integrations
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4/3/2020 11:14:39 PM

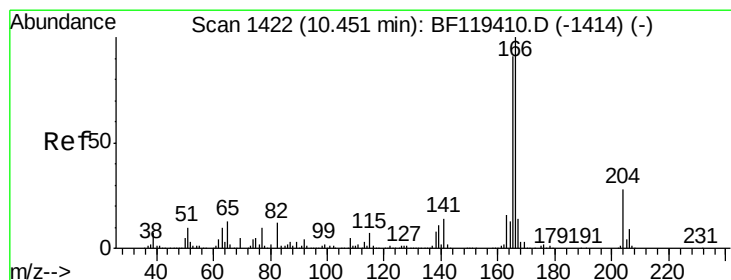
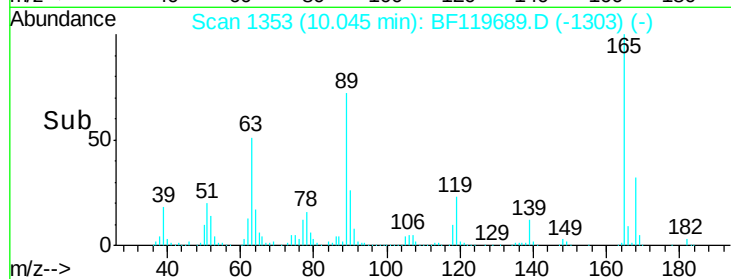
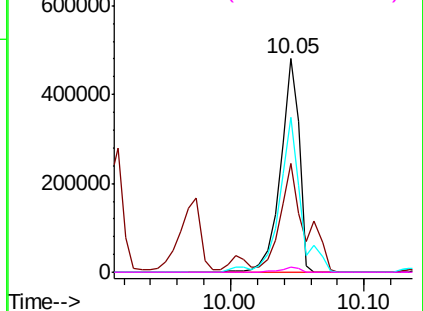


Abundance Ion 165.00 (164.70 to 165.70): E

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



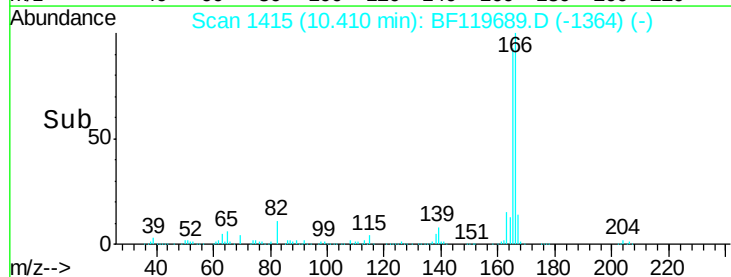
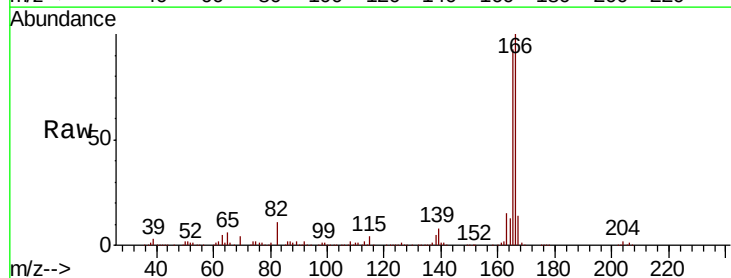
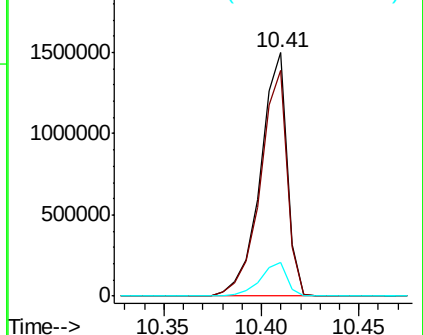
#58
Fluorene
Concen: 42.665 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

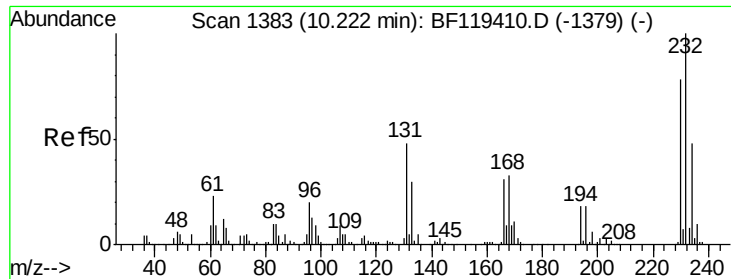
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1425138		
165	92.5	75.4	113.2	
167	13.7	11.2	16.8	

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





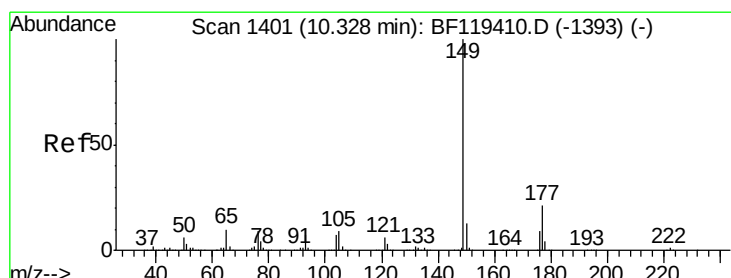
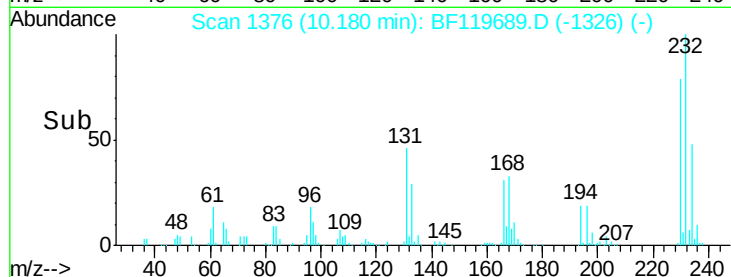
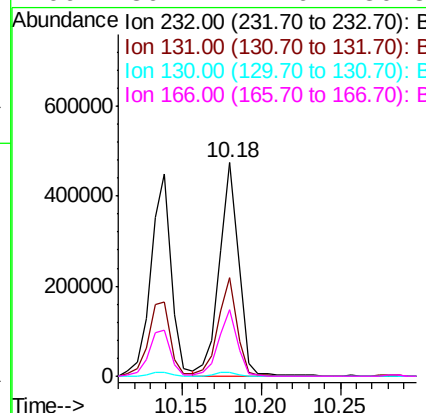
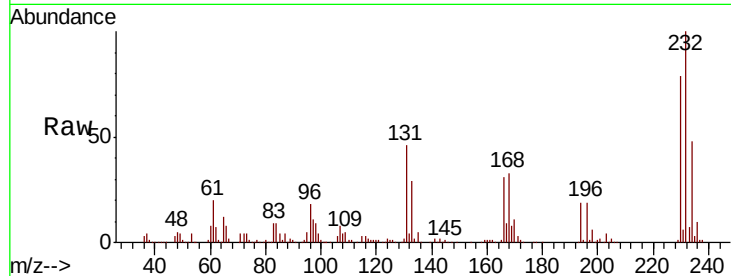
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.279 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BF119689.D
 Acq: 2 Apr 2020 1:42

Instrument :
 BNA_F
 ClientSampleId :
 PB127937BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.1	37.5	56.3
130	2.1	1.8	2.6
166	30.4	24.6	36.8

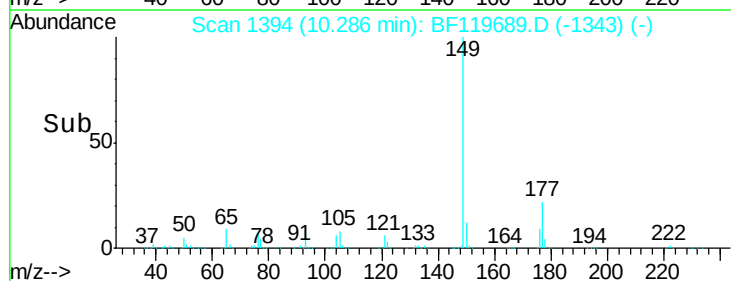
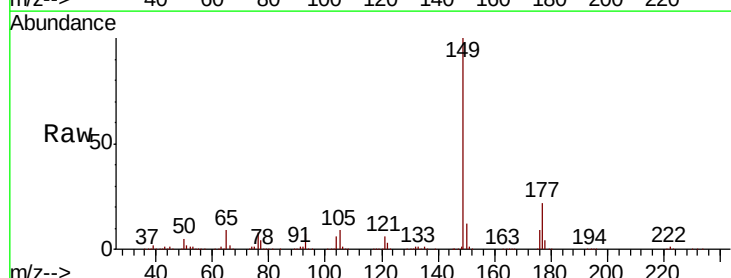
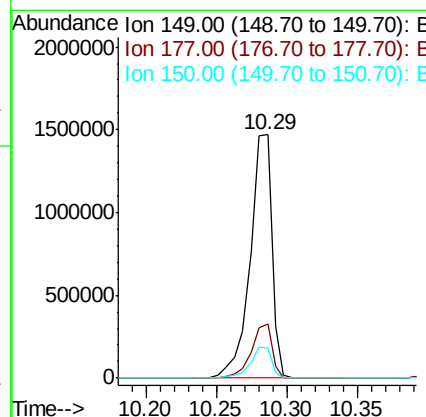
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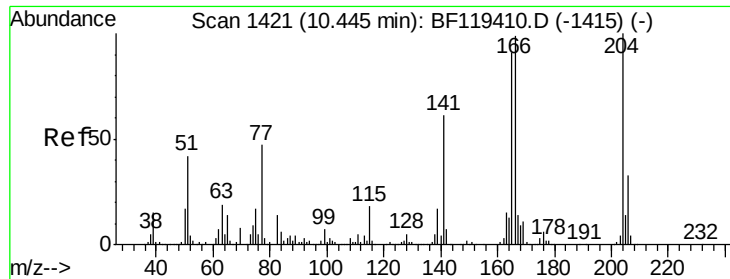
mohammad
 4/3/2020 11:14:39 PM



#60
 Diethylphthalate
 Concen: 43.818 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.00 min
 Lab File: BF119689.D
 Acq: 2 Apr 2020 1:42

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.0	25.6
150	12.3	10.1	15.1





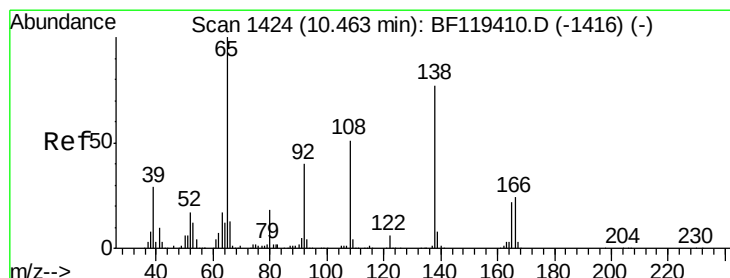
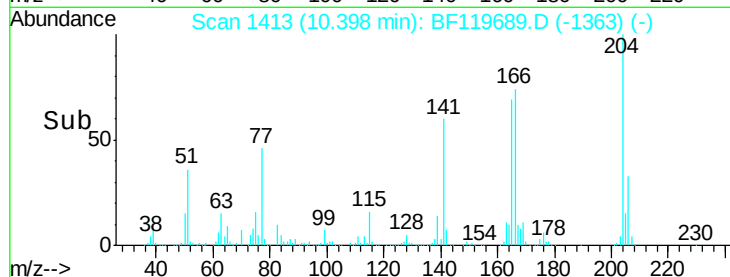
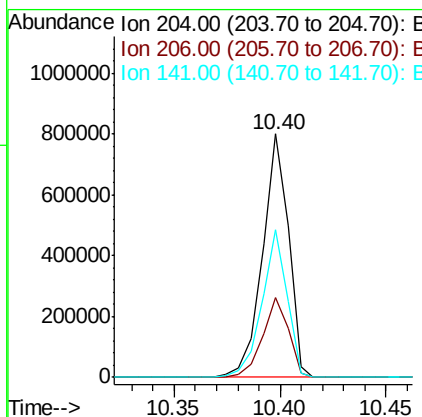
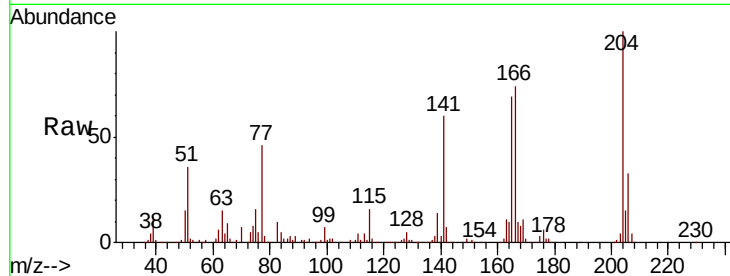
#61
4-Chlorophenyl-phenylether
Concen: 42.013 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Instrument :
BNA_F
ClientSampleID :
PB127937BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.7	40.1
141	60.4	47.3	70.9

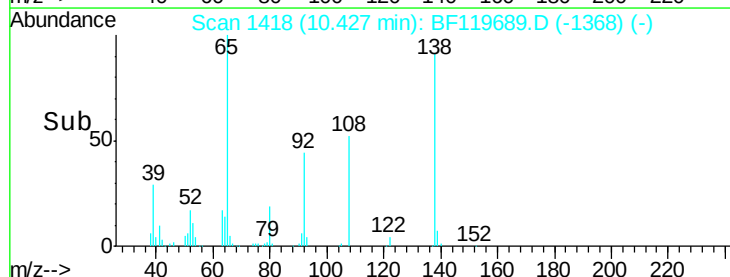
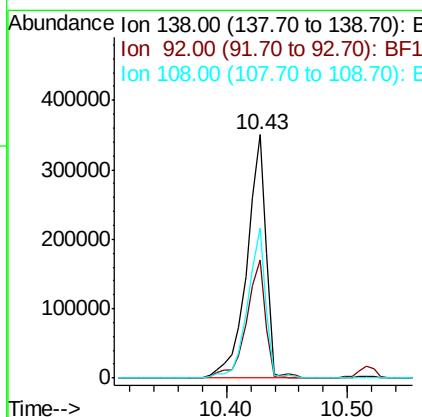
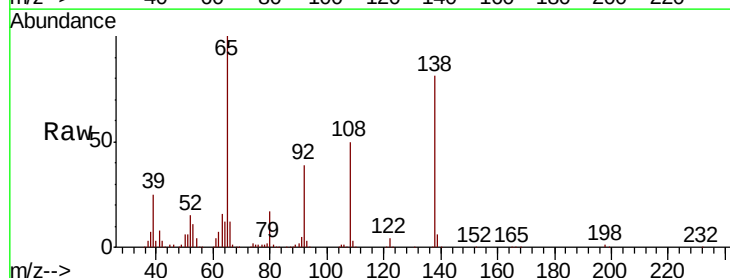
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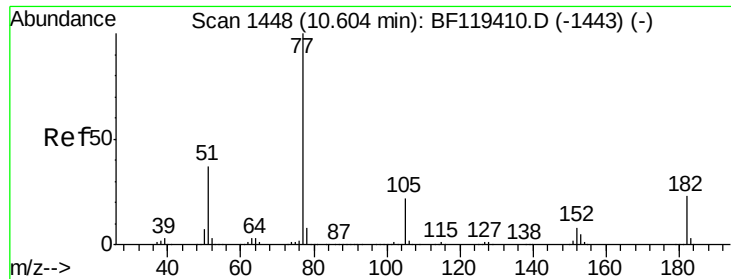
mohammad
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#62
4-Nitroaniline
Concen: 41.610 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.3	31.5	71.5
108	61.6	45.8	85.8





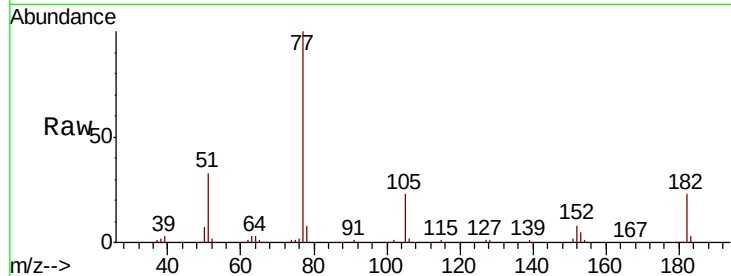
#63
Azobenzene
Concen: 41.435 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Instrument :
BNA_F
ClientSampleId :
PB127937BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	22.9	4.4	44.4
105	22.7	2.6	42.6
51	33.3	15.1	55.1

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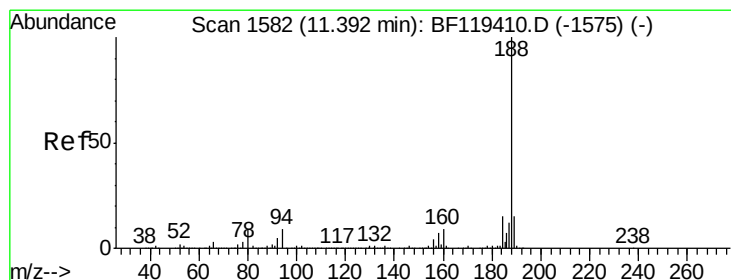
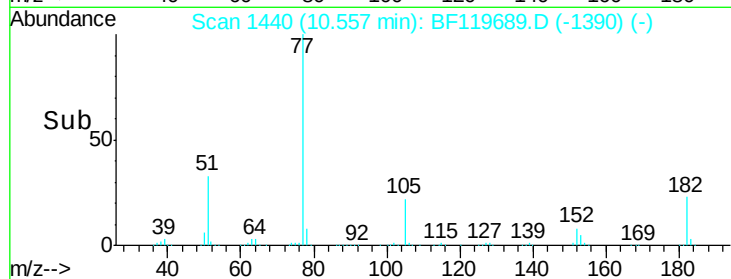
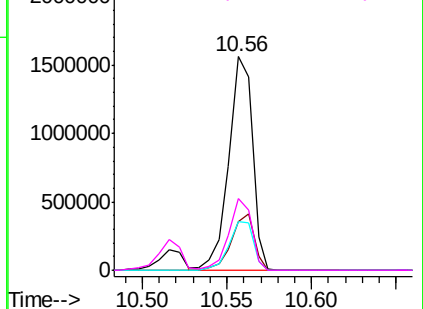


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



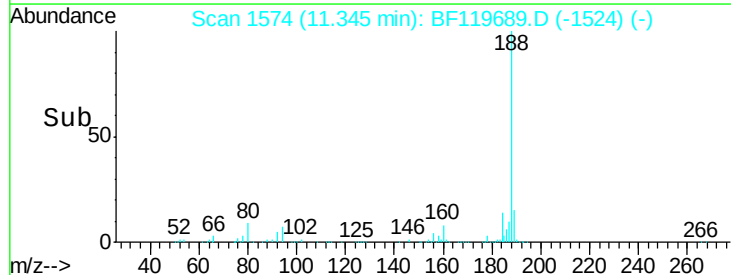
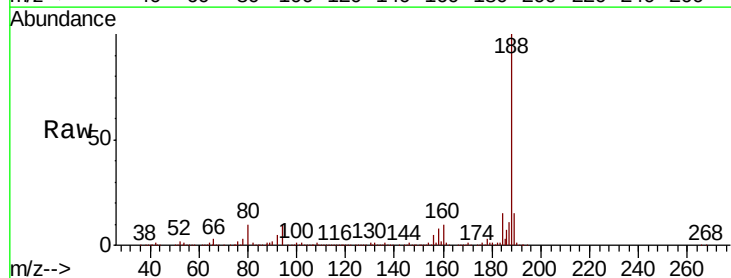
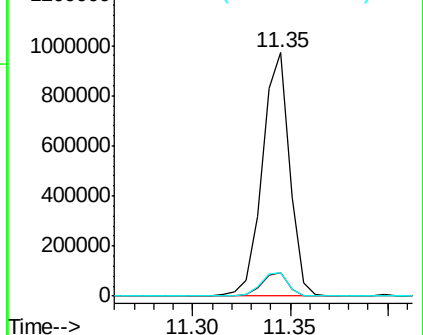
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

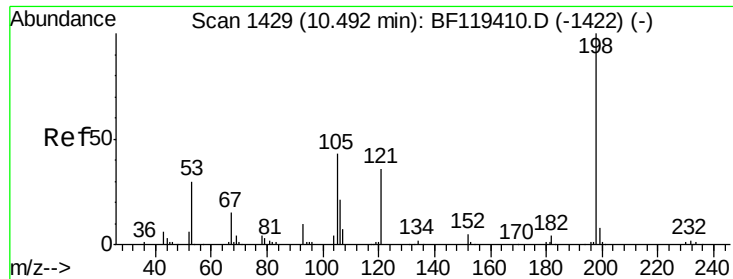
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.5	11.3
80	9.6	9.0	13.4

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 63.331 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF119689.D

Acq: 2 Apr 2020 1:42

Instrument :

BNA_F

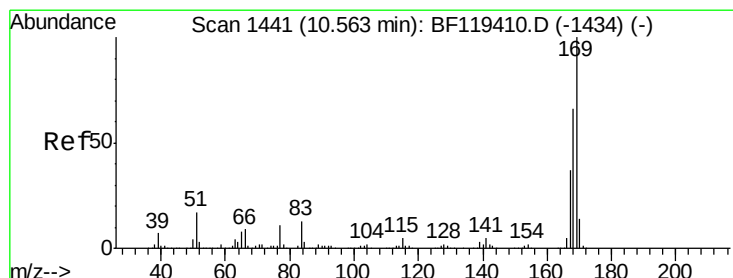
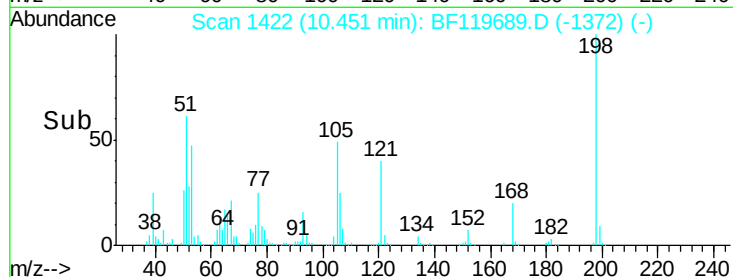
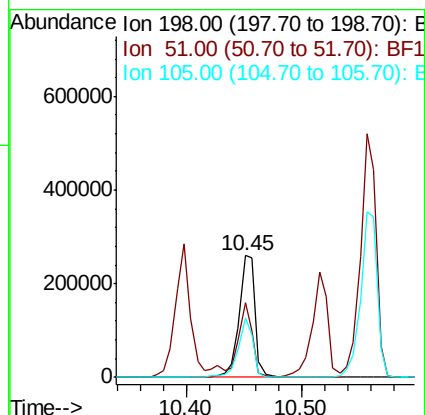
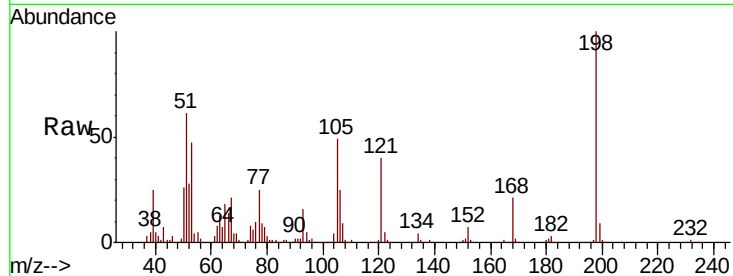
ClientSampleId :

PB127937BSD

Tot Ion:	198	Resp:	249111
Ion Ratio	Lower	Upper	
198	100		
51	60.8	29.0	69.0
105	48.9	22.2	62.2

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#66

n-Nitrosodiphenylamine

Concen: 43.261 ng

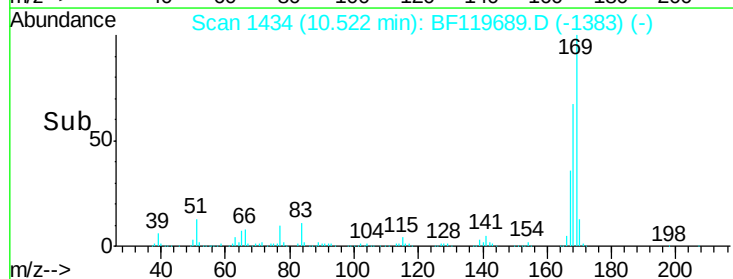
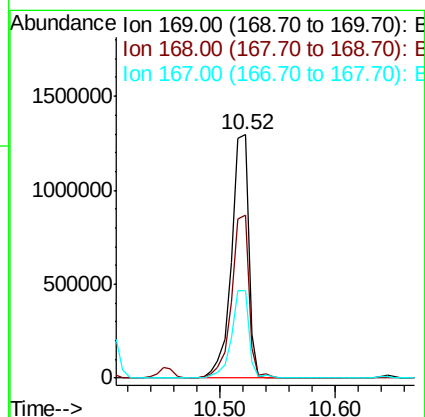
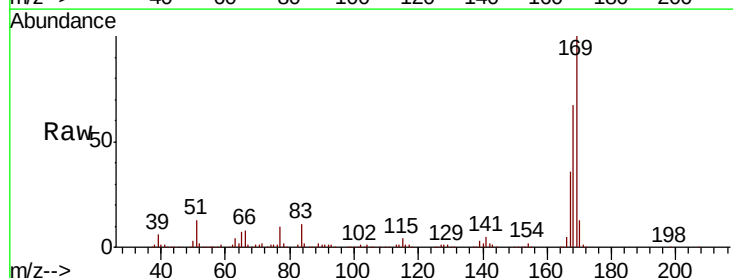
RT: 10.52 min Scan# 1434

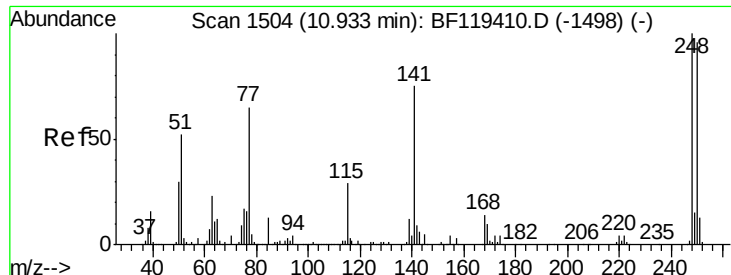
Delta R.T. -0.00 min

Lab File: BF119689.D

Acq: 2 Apr 2020 1:42

Tgt Ion:	169	Resp:	1332206
Ion Ratio	Lower	Upper	
169	100		
168	67.2	53.2	79.8
167	36.1	29.1	43.7





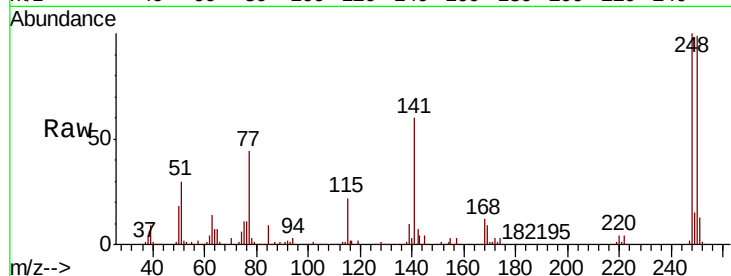
#67
 4-Bromophenyl-phenylether
 Concen: 42.949 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. -0.00 min
 Lab File: BF119689.D
 Acq: 2 Apr 2020 1:42

Instrument :
 BNA_F
 ClientSampleId :
 PB127937BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	77.3	115.9
141	59.8	58.6	87.8

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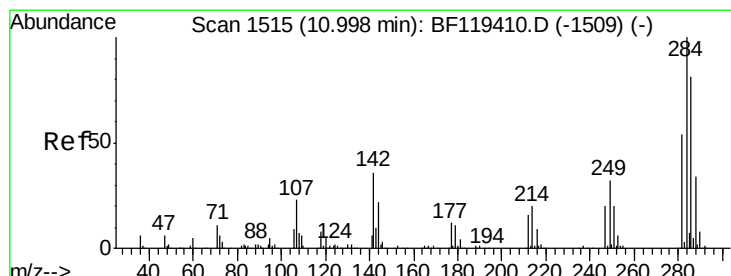
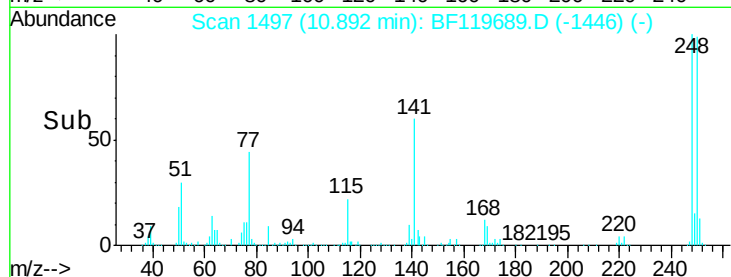
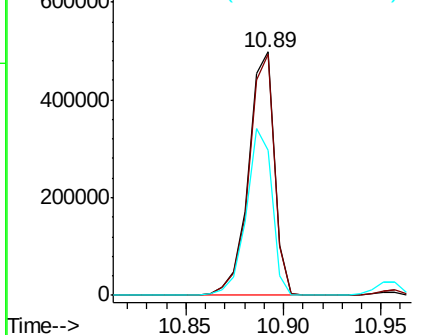


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 45.088 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BF119689.D
 Acq: 2 Apr 2020 1:42

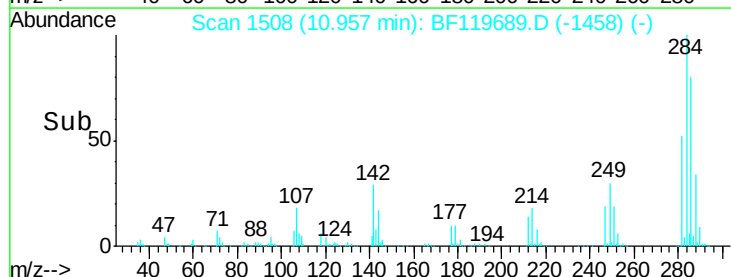
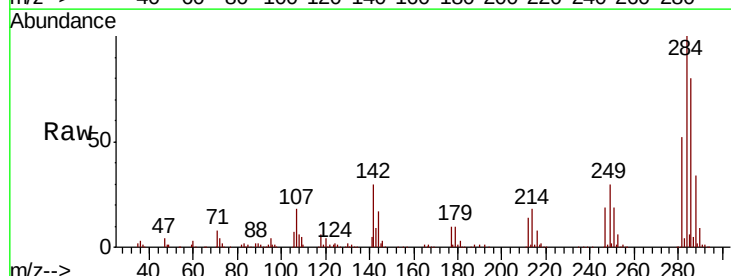
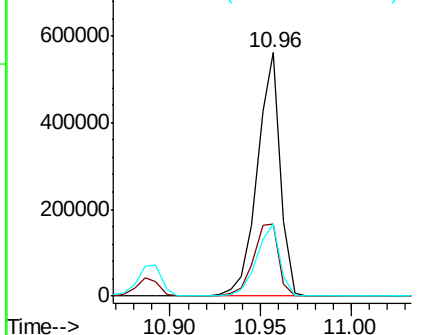
Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.5	29.2	43.8
249	29.8	25.1	37.7

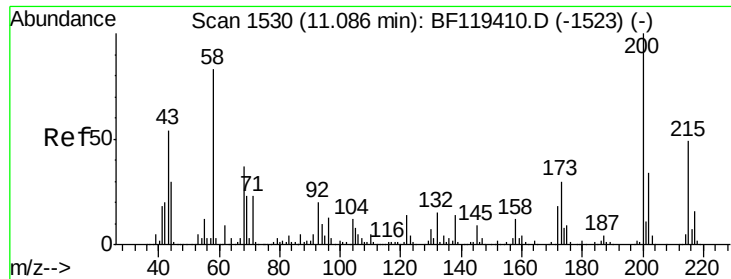
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





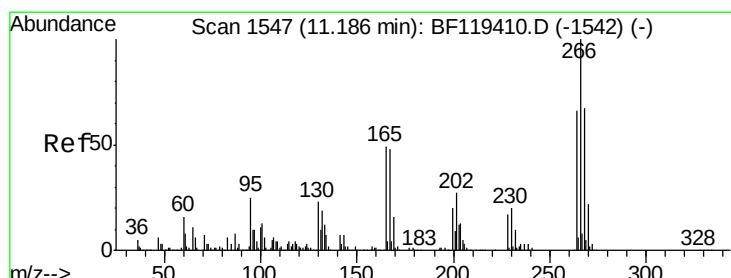
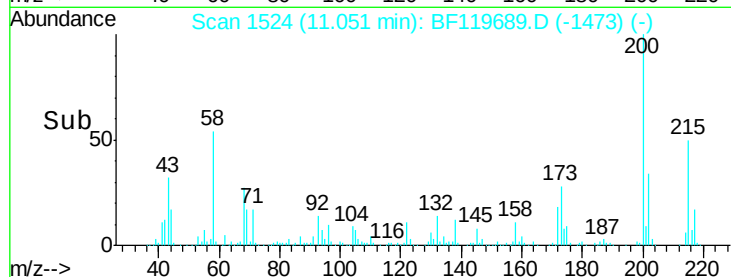
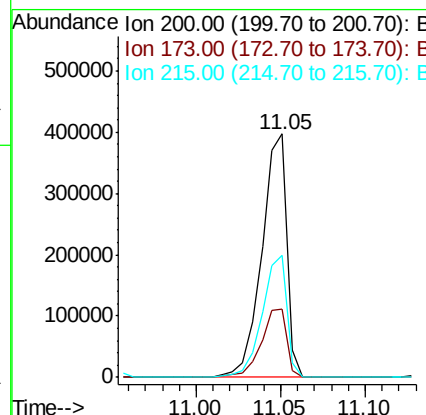
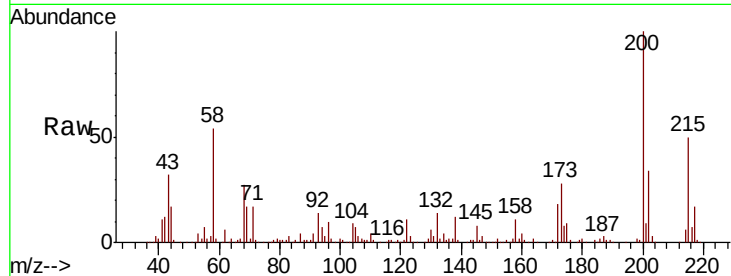
#69
 Atrazine
 Concen: 48.540 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.00 min
 Lab File: BF119689.D
 Acq: 2 Apr 2020 1:42

Instrument :
 BNA_F
 ClientSampleId :
 PB127937BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.2	9.3	49.3
215	50.2	29.5	69.5

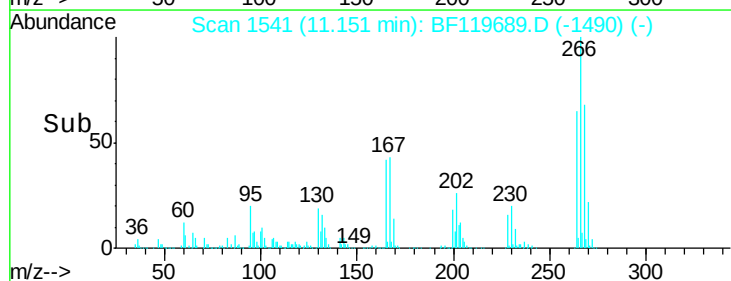
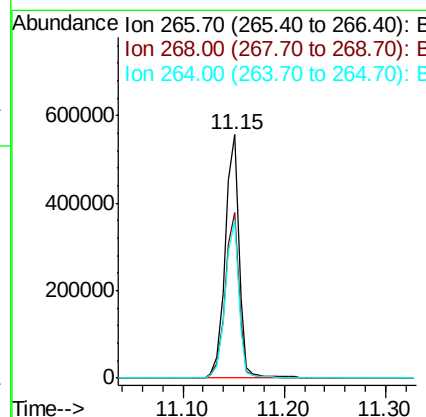
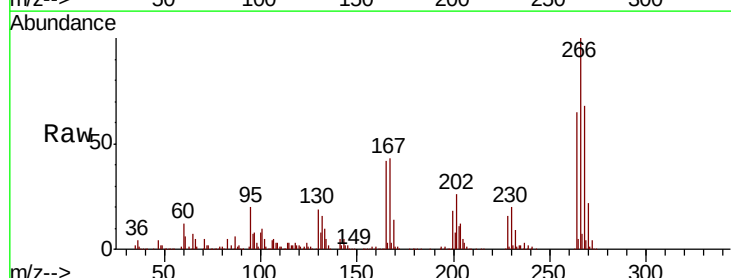
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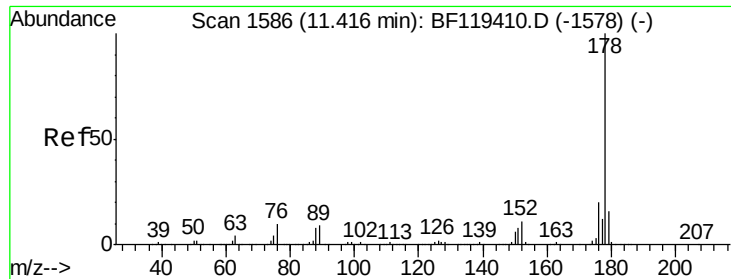
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#70
 Pentachlorophenol
 Concen: 83.513 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BF119689.D
 Acq: 2 Apr 2020 1:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	68.0	53.3	79.9
264	65.0	49.0	73.4





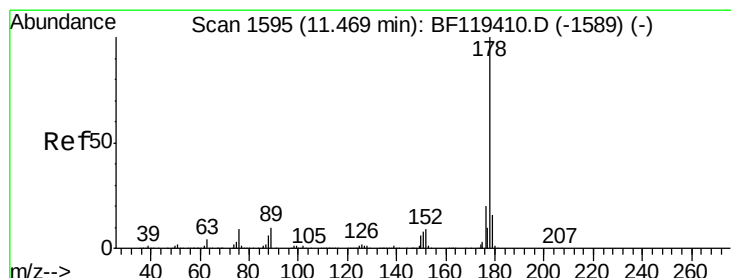
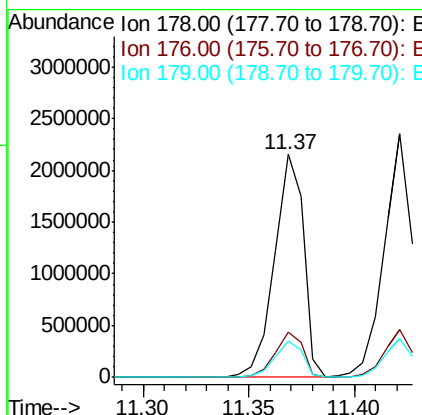
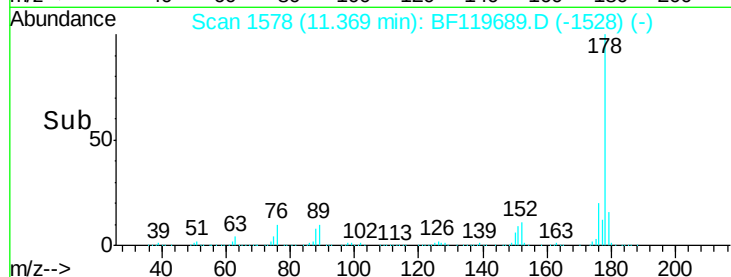
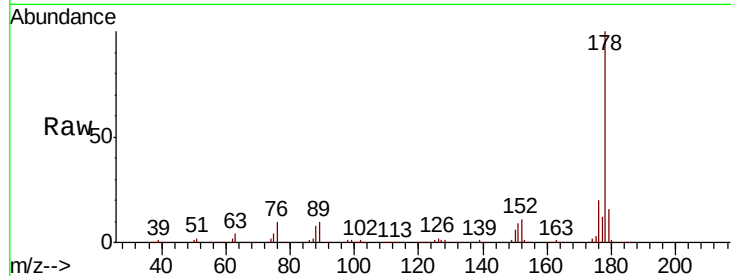
#71
 Phenanthrene
 Concen: 42.618 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF119689.D
 Acq: 2 Apr 2020 1:42

Instrument :
 BNA_F
 ClientSampleId :
 PB127937BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	16.3	13.2	19.8

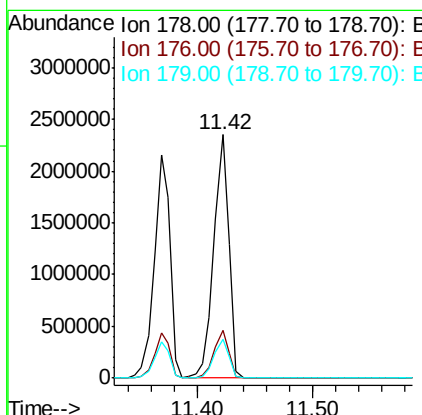
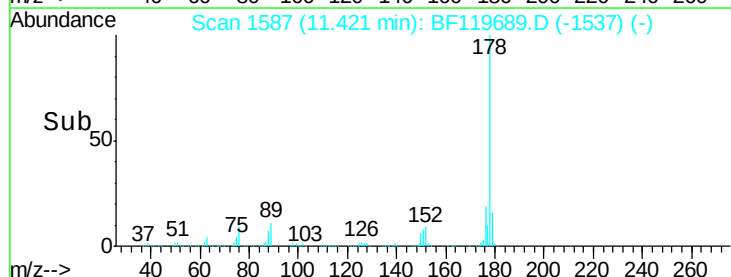
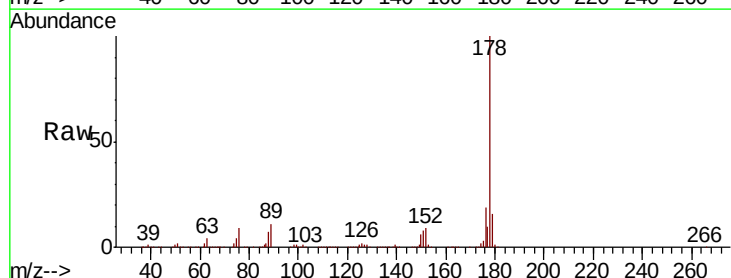
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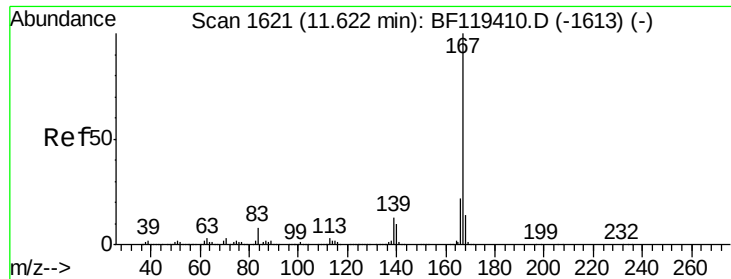
mohammad
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#72
 Anthracene
 Concen: 43.053 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF119689.D
 Acq: 2 Apr 2020 1:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.1	24.1
179	16.2	13.0	19.4





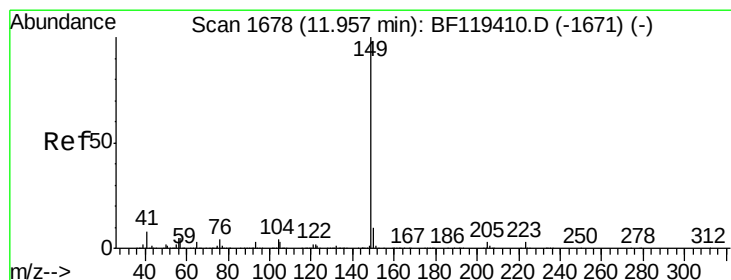
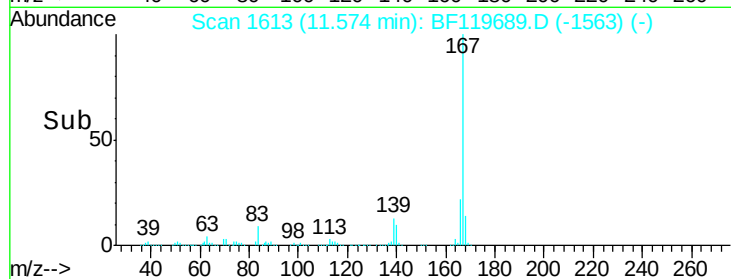
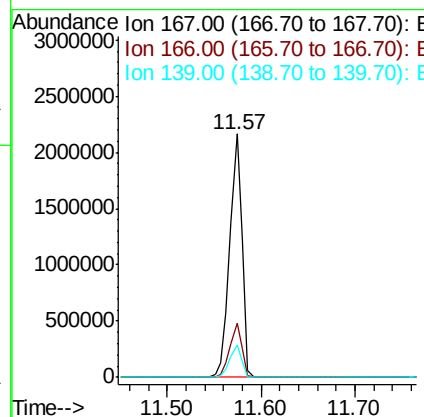
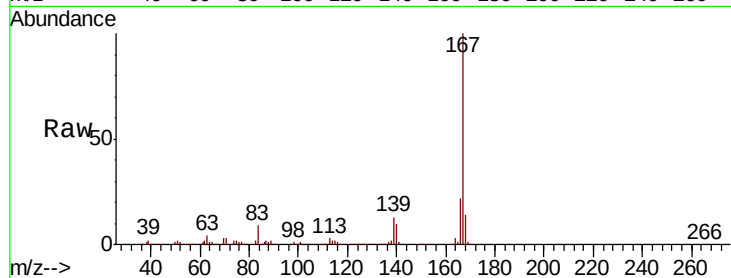
#73
 Carbazole
 Concen: 40.386 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BF119689.D
 Acq: 2 Apr 2020 1:42

Instrument :
 BNA_F
 ClientSampleId :
 PB127937BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.4
139	13.2	10.7	16.1

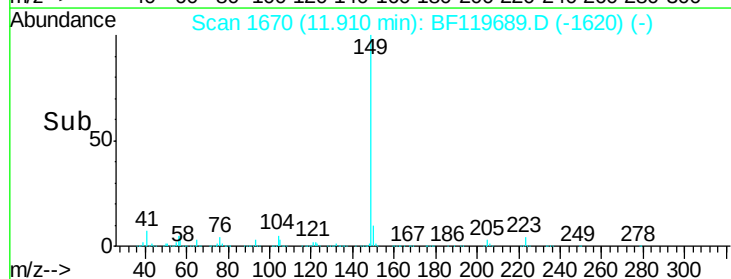
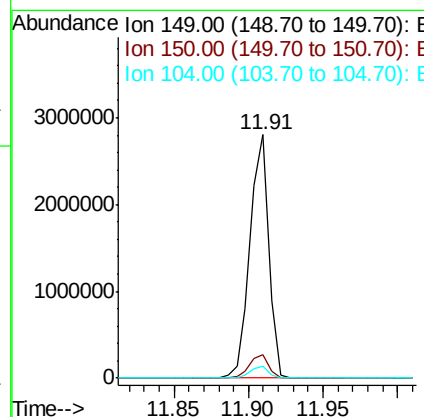
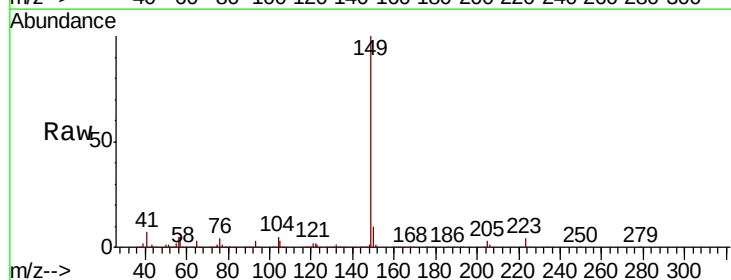
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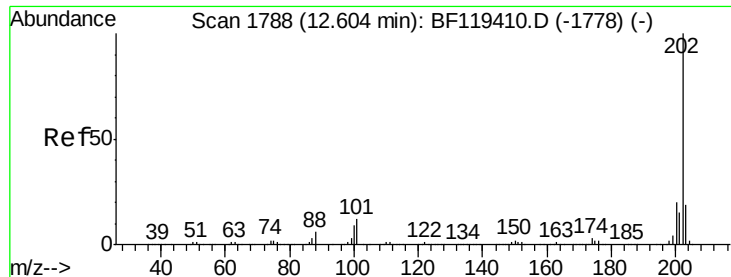
mohammad
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#74
 Di-n-butylphthalate
 Concen: 46.793 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF119689.D
 Acq: 2 Apr 2020 1:42

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.8
104	4.7	3.6	5.4





#75

Fluoranthene

Concen: 43.325 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF119689.D

Acq: 2 Apr 2020 1:42

Instrument :

BNA_F

ClientSampleId :

PB127937BSD

Tot Ion:202 Resp: 2280608

Ion Ratio Lower Upper

202 100

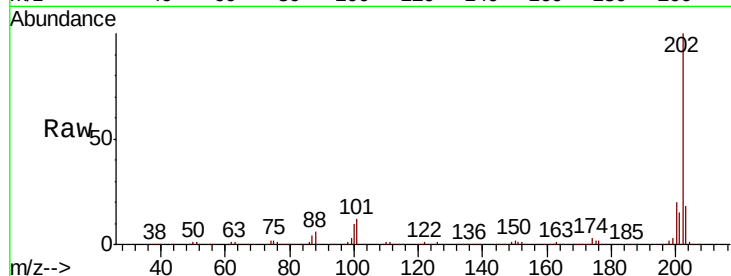
101 12.5 0.0 32.2

203 18.2 0.0 38.8

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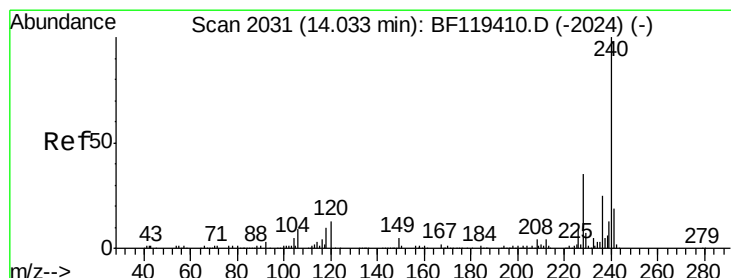
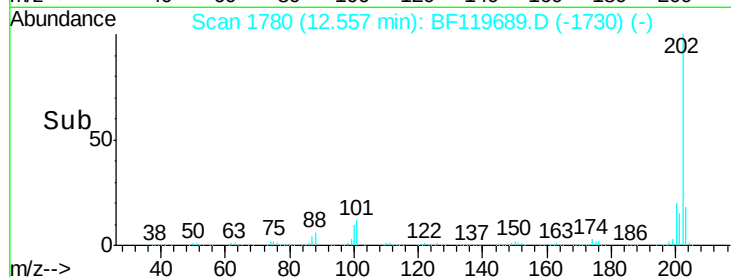
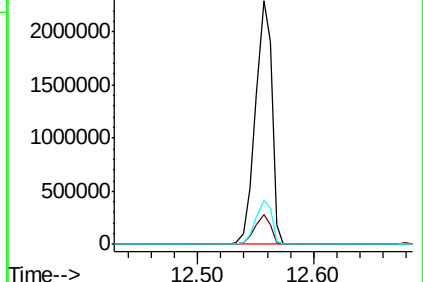
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Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF119689.D

Acq: 2 Apr 2020 1:42

Tgt Ion:240 Resp: 682910

Ion Ratio Lower Upper

240 100

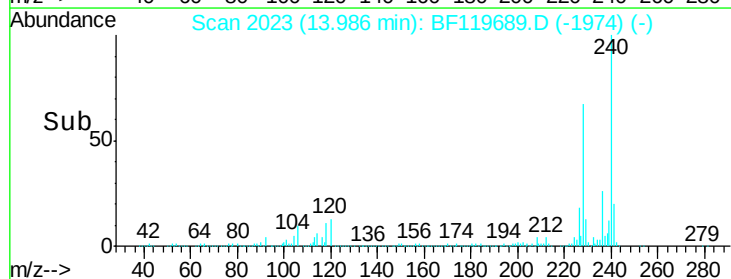
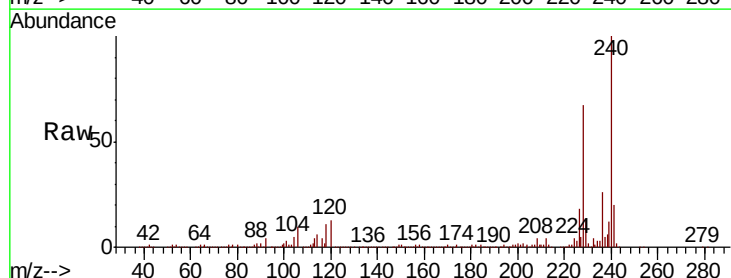
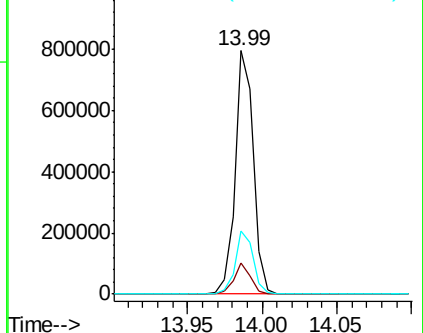
120 12.7 10.6 15.8

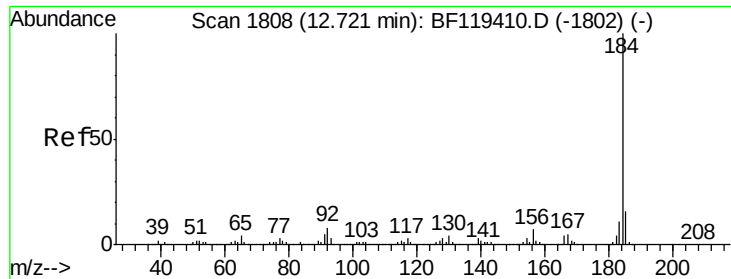
236 26.0 20.2 30.2

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: 46.795 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BF119689.D

Acq: 2 Apr 2020 1:42

Instrument :

BNA_F

ClientSampleId :

PB127937BSD

Tot Ion:184 Resp: 1352407

Ion Ratio Lower Upper

184 100

185 14.2 12.3 18.5

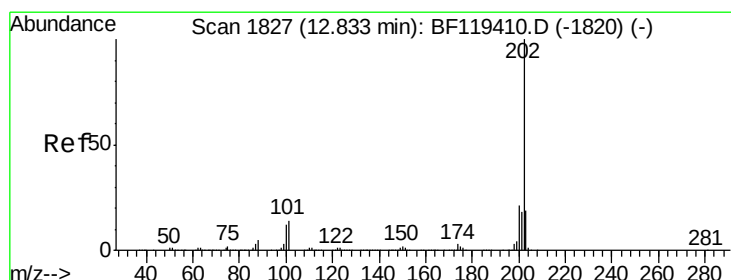
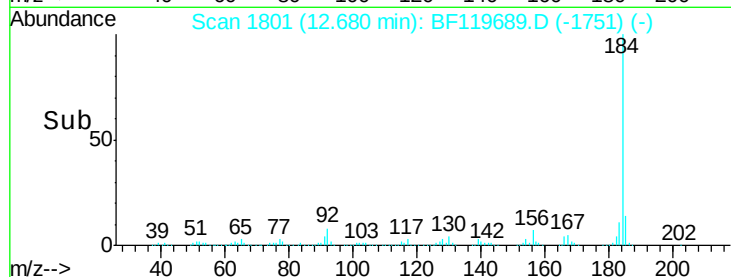
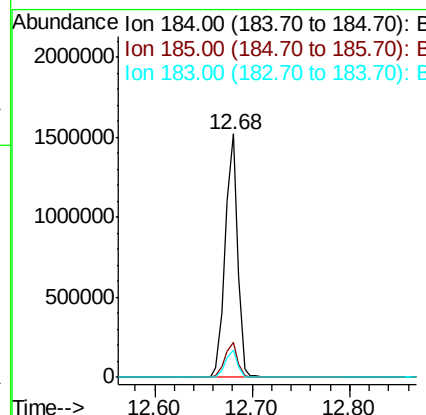
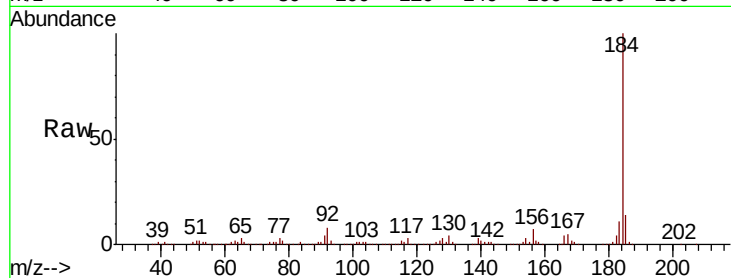
183 11.4 9.0 13.6

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#78

Pyrene

Concen: 40.270 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF119689.D

Acq: 2 Apr 2020 1:42

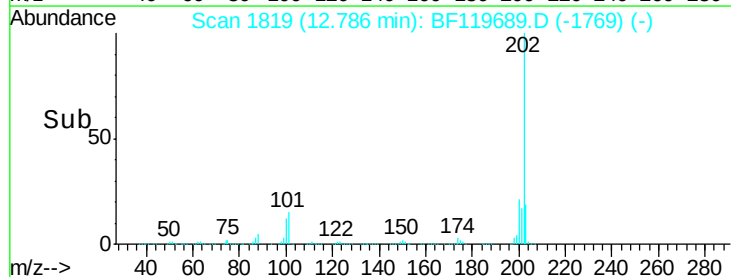
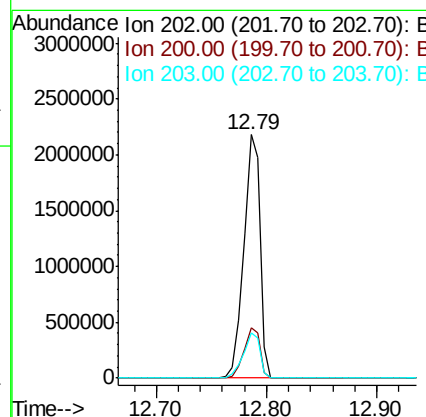
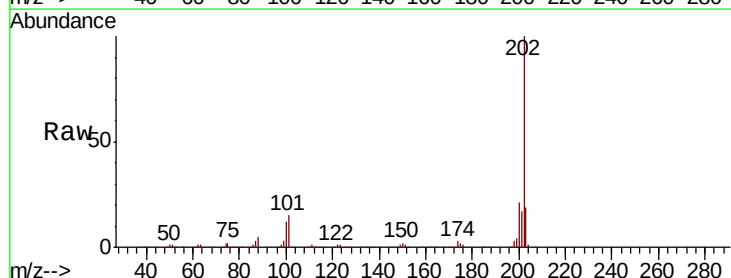
Tgt Ion:202 Resp: 2256978

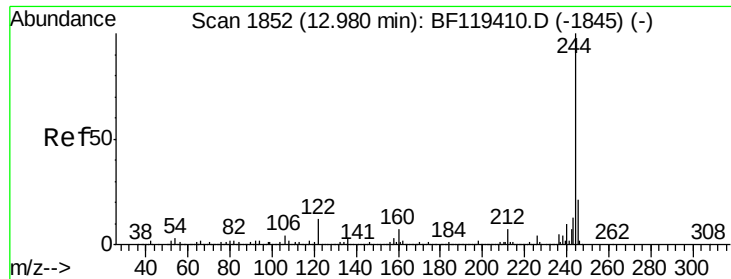
Ion Ratio Lower Upper

202 100

200 20.7 16.8 25.2

203 18.5 15.1 22.7





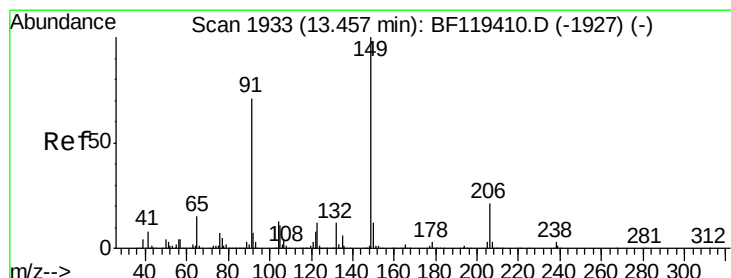
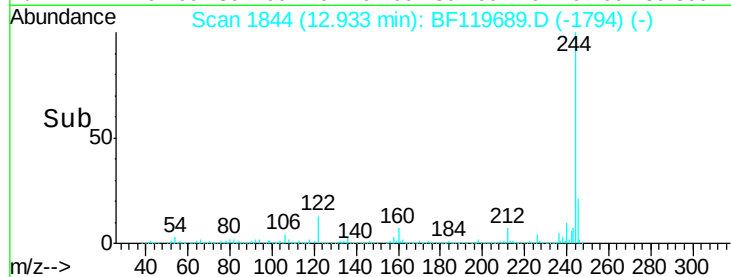
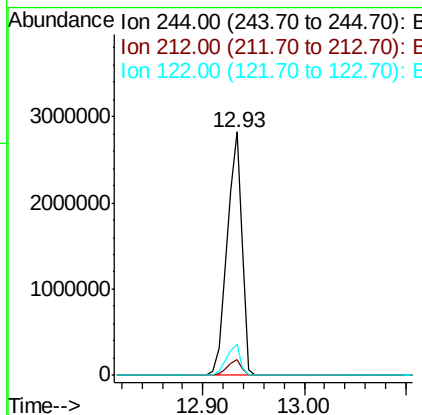
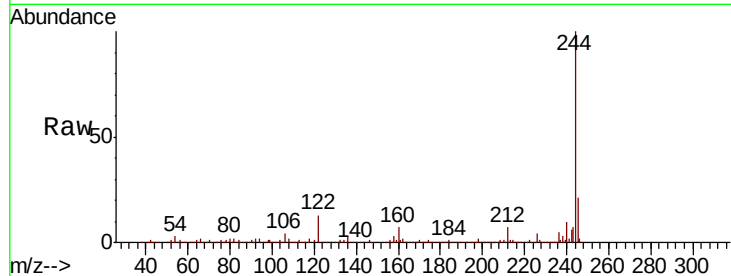
#79
 Terphenyl-d14
 Concen: 82.005 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BF119689.D
 Acq: 2 Apr 2020 1:42

Instrument :
 BNA_F
 ClientSampleId :
 PB127937BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	12.7	10.3	15.5

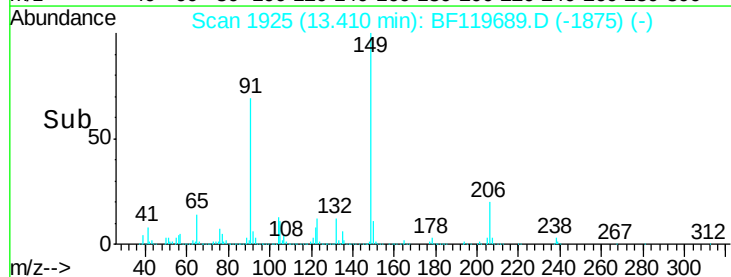
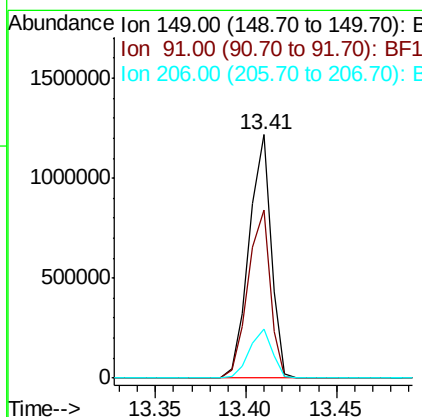
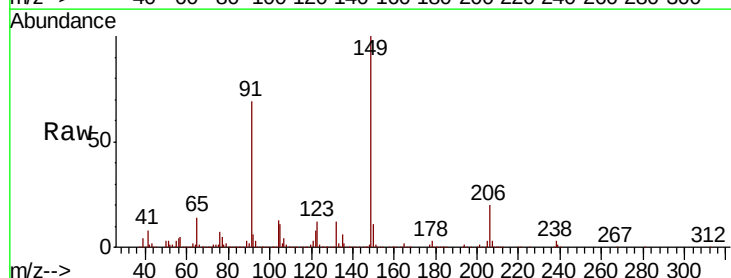
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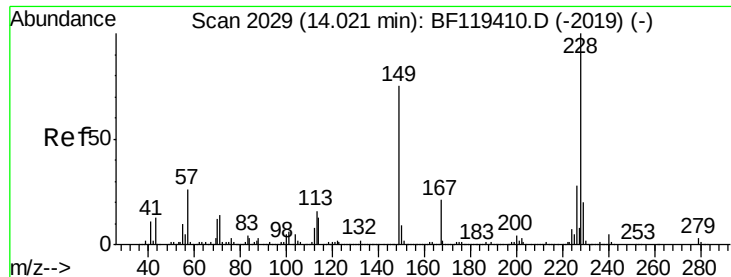
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#80
 Butylbenzylphthalate
 Concen: 45.503 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF119689.D
 Acq: 2 Apr 2020 1:42

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.2	54.7	82.1
206	20.2	16.2	24.2





#81

Benzo(a)anthracene

Concen: 40.481 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF119689.D

Acq: 2 Apr 2020 1:42

Instrument :

BNA_F

ClientSampleId :

PB127937BSD

Tot Ion:228 Resp: 1797706

Ion Ratio Lower Upper

228 100

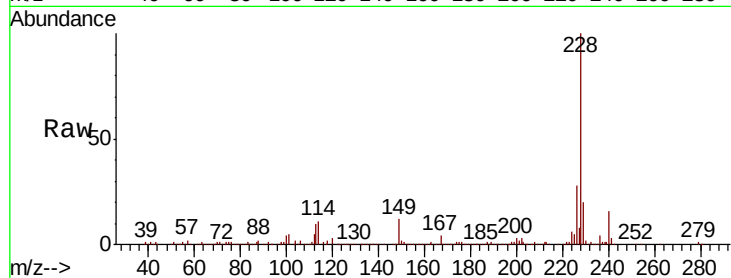
226 27.7 21.8 32.8

229 20.2 16.2 24.4

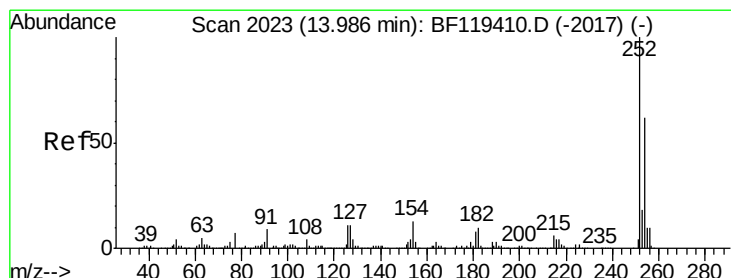
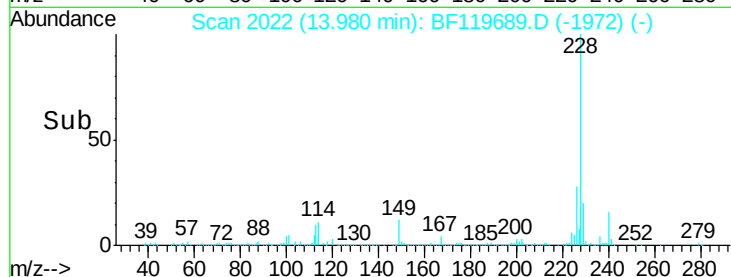
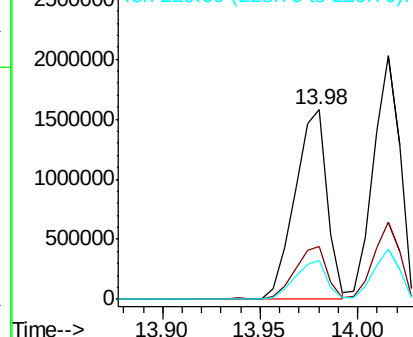
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.172 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF119689.D

Acq: 2 Apr 2020 1:42

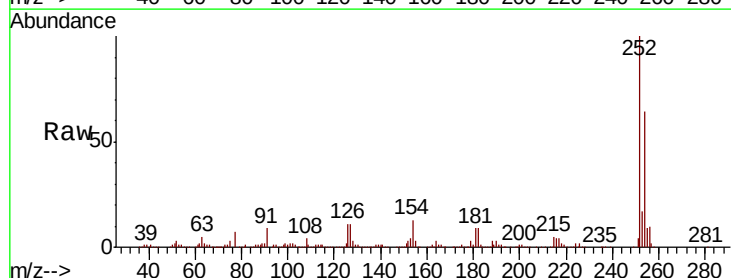
Tgt Ion:252 Resp: 493294

Ion Ratio Lower Upper

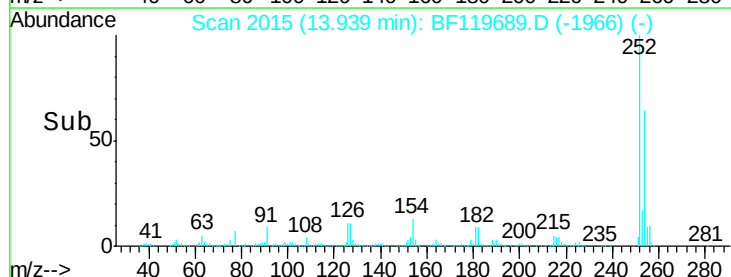
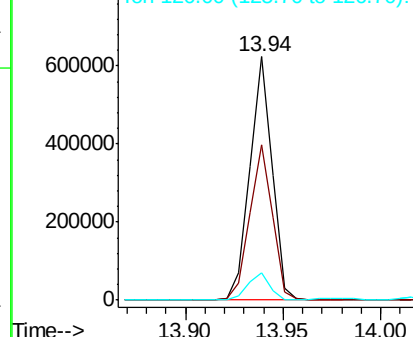
252 100

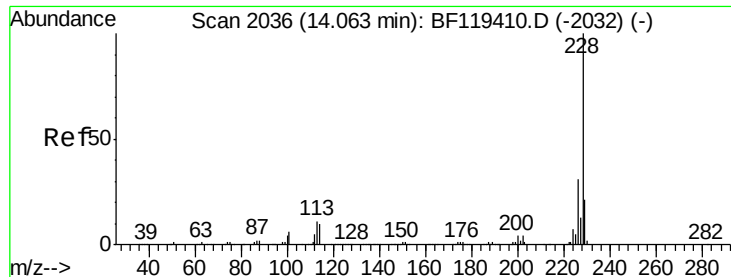
254 63.9 51.2 76.8

126 11.4 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





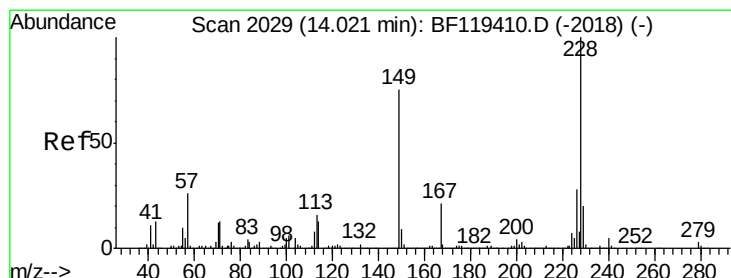
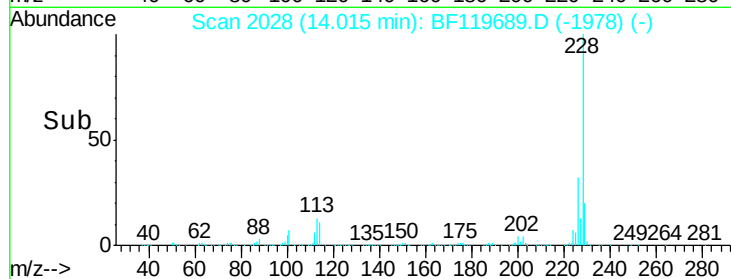
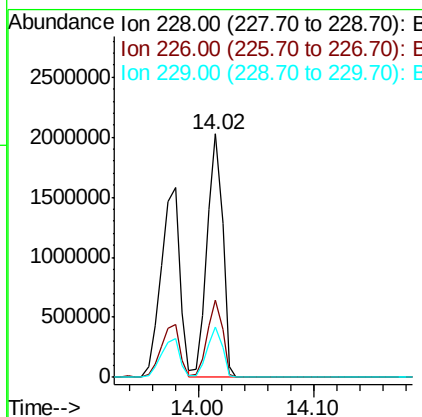
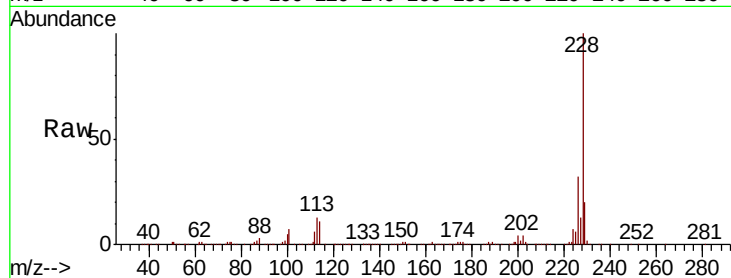
#83
 Chrvsene
 Concen: 41.643 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF119689.D
 Acq: 2 Apr 2020 1:42

Instrument :
 BNA_F
 ClientSampleId :
 PB127937BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.4	38.0
229	20.5	16.6	24.8

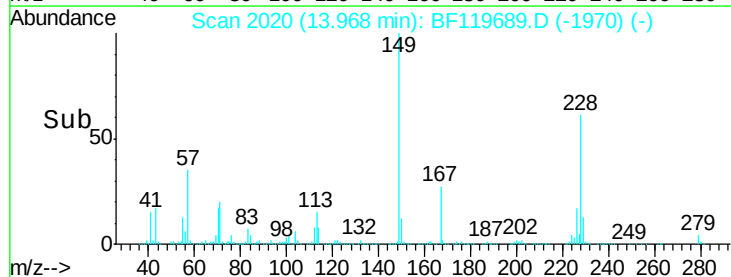
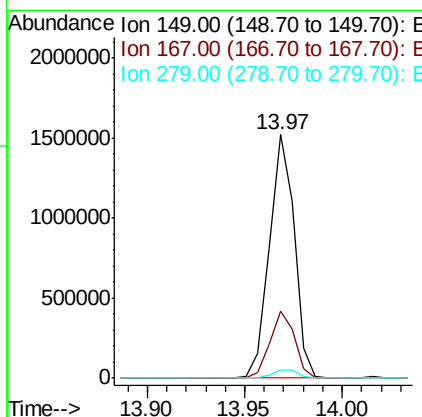
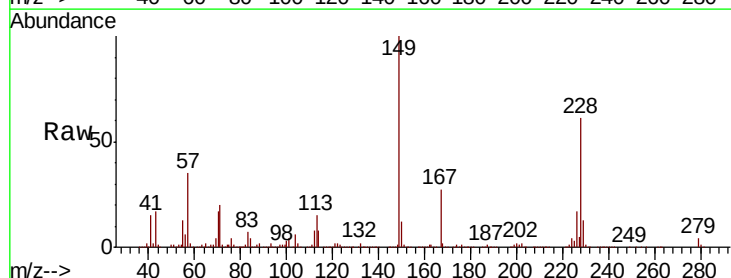
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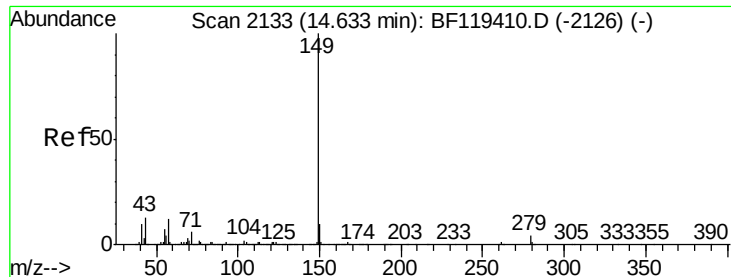
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.875 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF119689.D
 Acq: 2 Apr 2020 1:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.3	31.9
279	3.6	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 51.607 ng

RT: 14.58 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BF119689.D

Acq: 2 Apr 2020 1:42

Instrument :

BNA_F

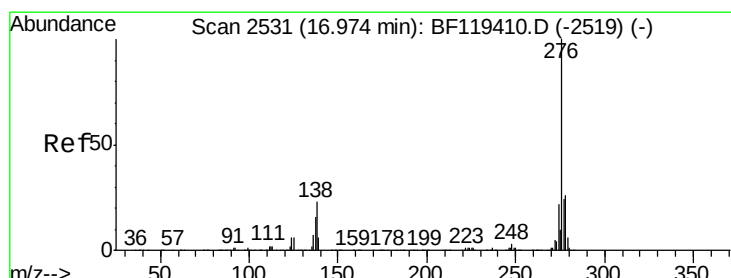
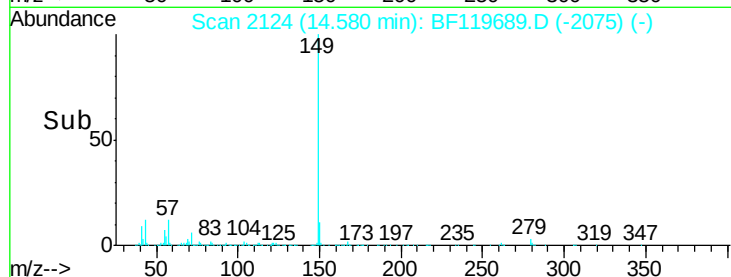
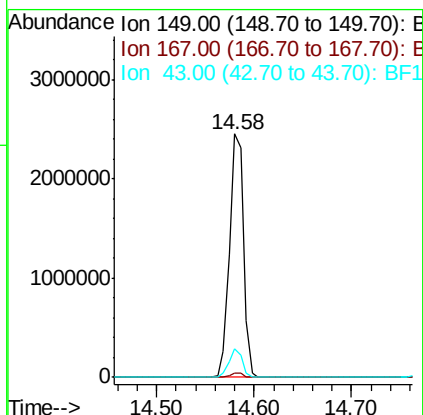
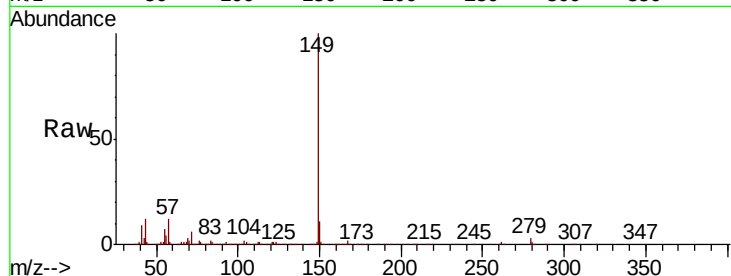
ClientSampleId :

PB127937BSD

Tot Ion:	149	Resp:	2452565
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.0	9.3	13.9

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#86

Indeno(1,2,3-cd)pyrene

Concen: 48.604 ng

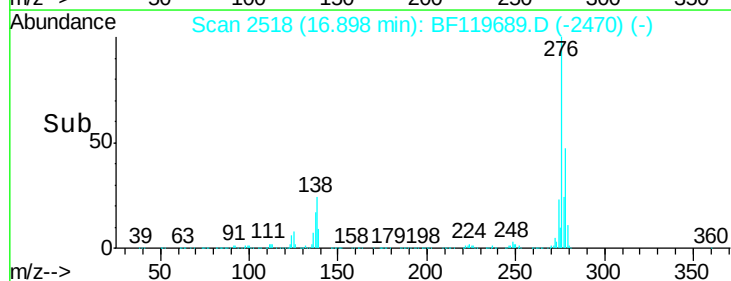
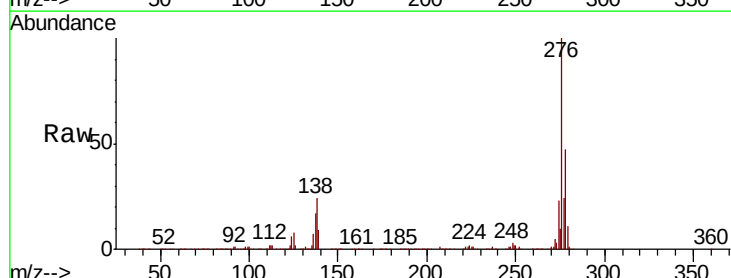
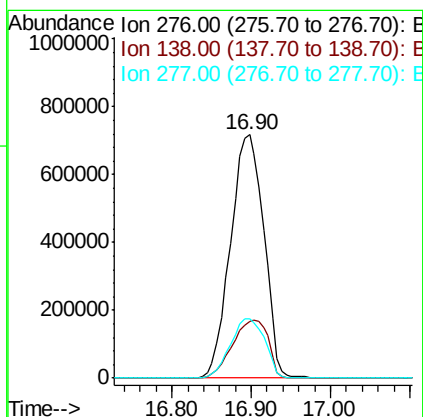
RT: 16.90 min Scan# 2518

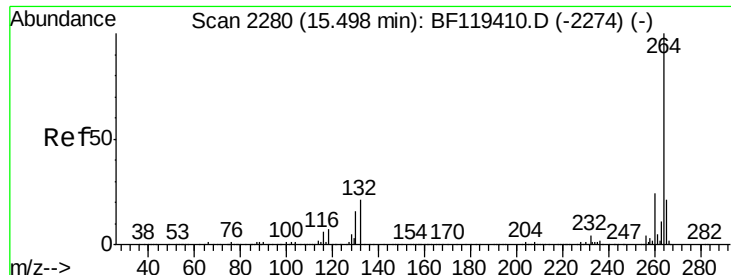
Delta R.T. -0.02 min

Lab File: BF119689.D

Acq: 2 Apr 2020 1:42

Tgt Ion:	276	Resp:	2097966
Ion	Ratio	Lower	Upper
276	100		
138	25.6	19.6	29.4
277	25.3	20.0	30.0





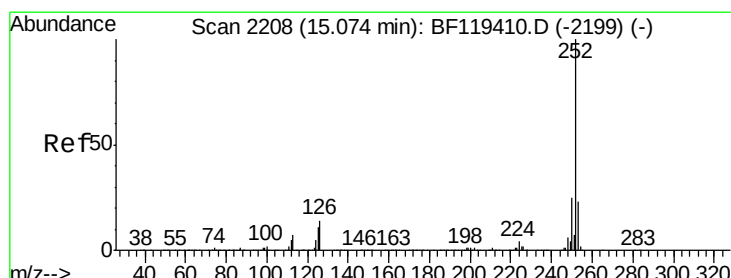
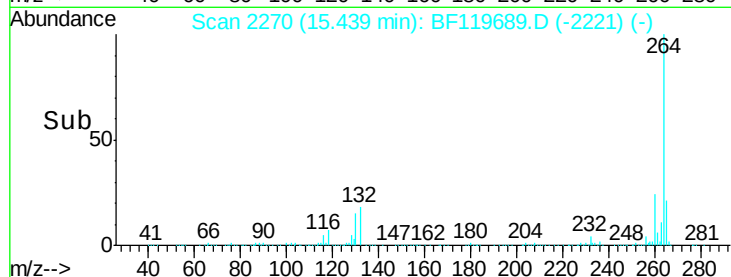
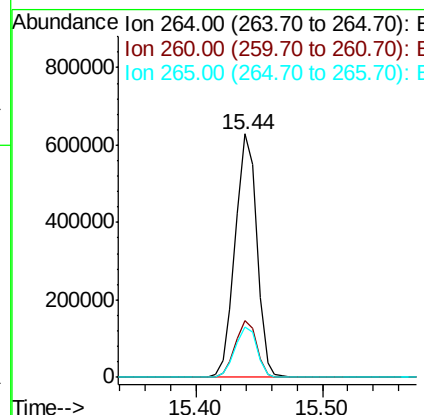
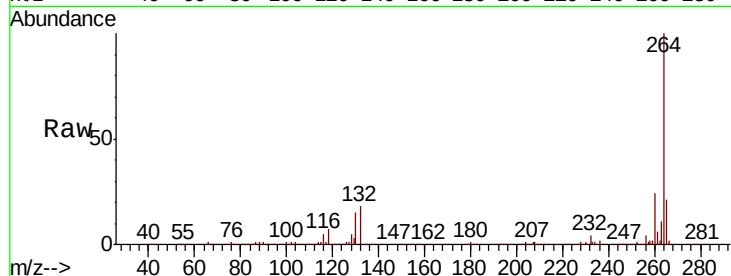
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Instrument :
BNA_F
ClientSampleId :
PB127937BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	20.9	17.7	26.5

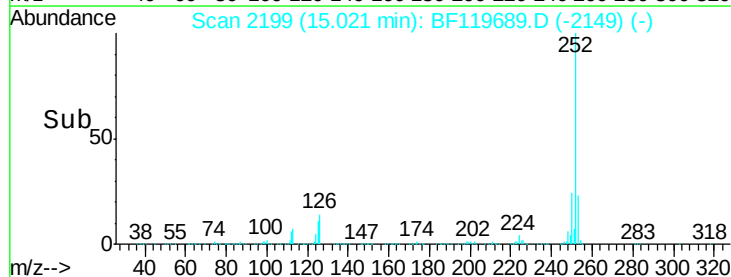
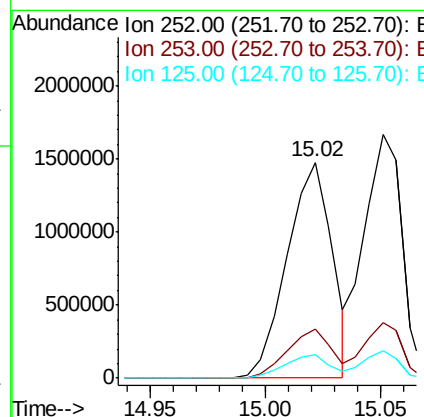
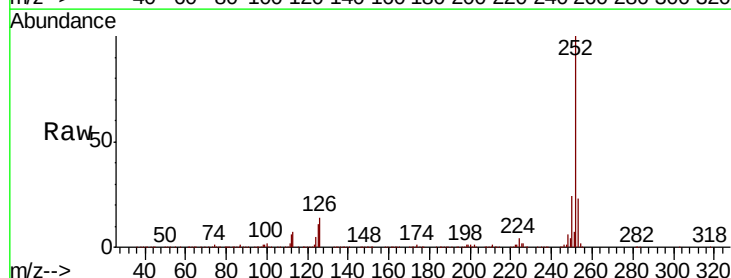
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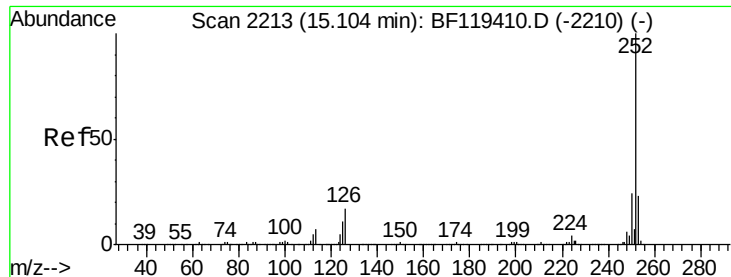
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#88
Benzo(b)fluoranthene
Concen: 40.564 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	10.6	7.9	11.9





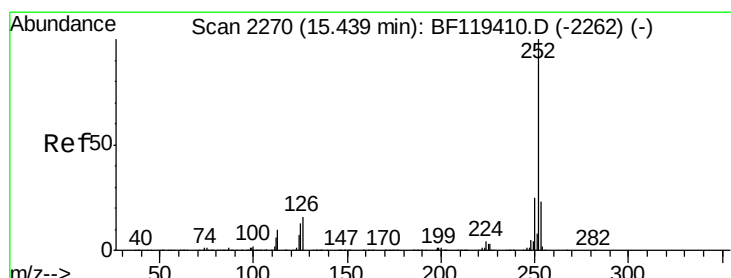
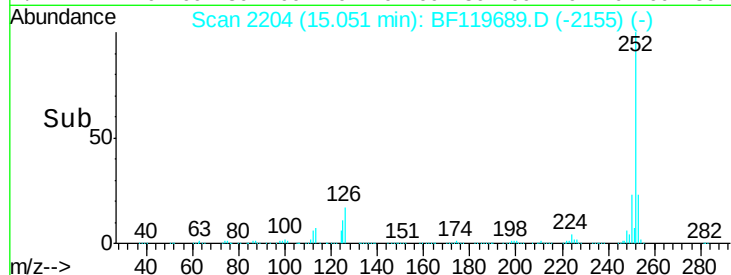
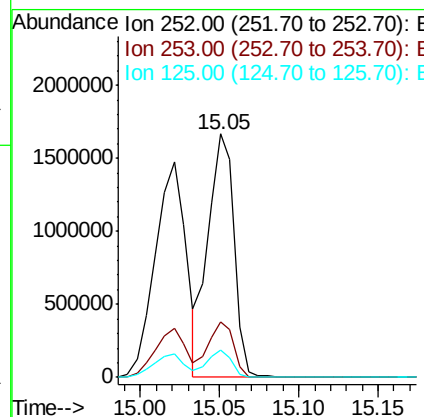
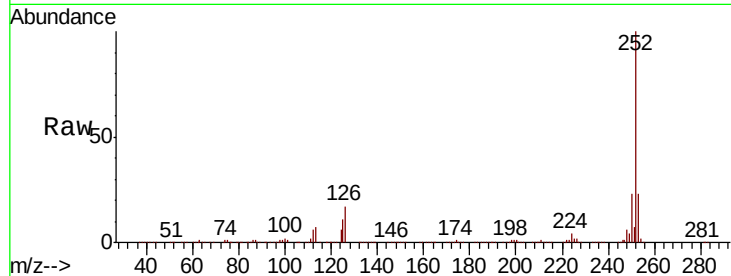
#89
Benzo(k)fluoranthene
Concen: 40.504 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Instrument :
BNA_F
ClientSampleId :
PB127937BSD

Tot Ion:252 Resp: 1906733
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 11.4 8.4 12.6

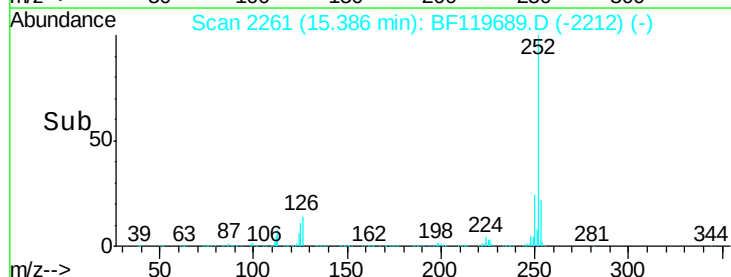
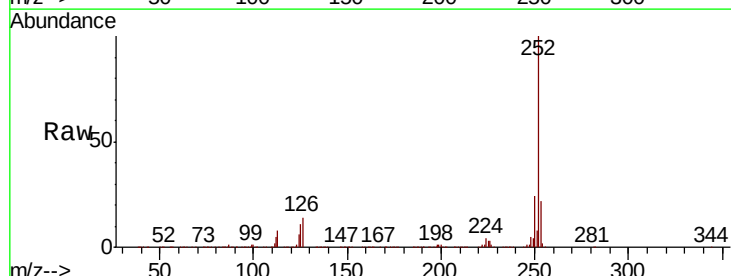
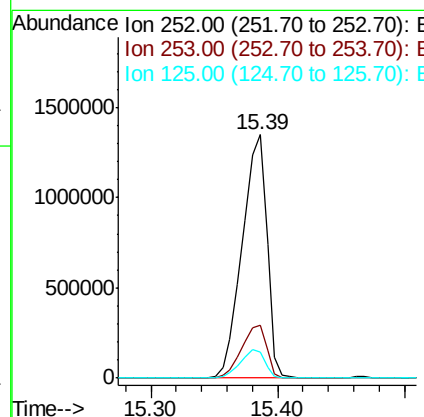
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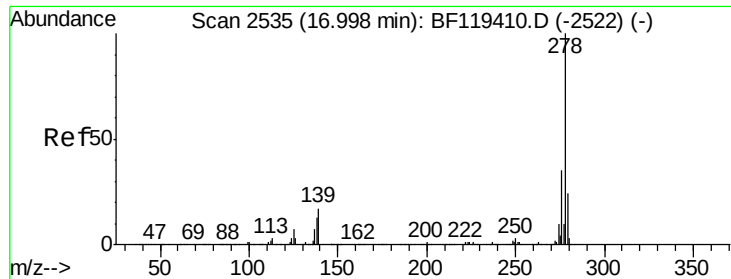
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#90
Benzo(a)pyrene
Concen: 40.722 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Tgt Ion:252 Resp: 1829592
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 10.8 9.4 14.2





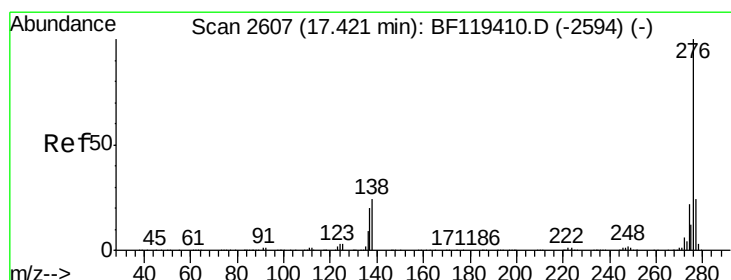
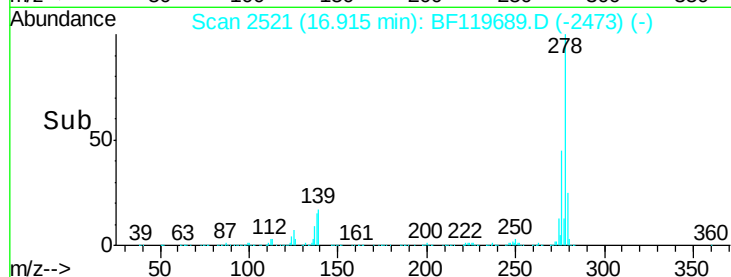
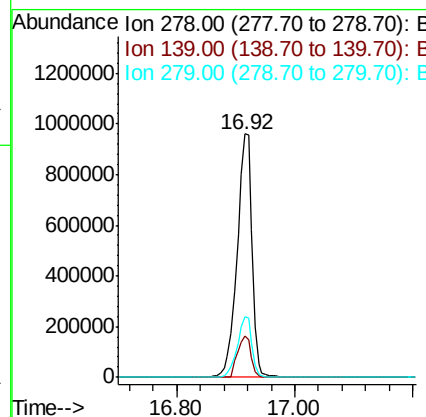
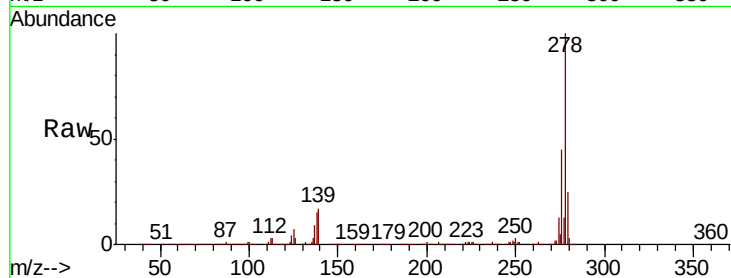
#91
Dibenzo(a,h)anthracene
Concen: 43.764 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.02 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Instrument :
BNA_F
ClientSampleId :
PB127937BSD

Tot Ion:278 Resp: 1719840
Ion Ratio Lower Upper
278 100
139 17.2 12.6 19.0
279 25.0 19.0 28.6

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#92
Benzo(g,h,i)perylene
Concen: 43.321 ng
RT: 17.34 min Scan# 2593
Delta R.T. -0.02 min
Lab File: BF119689.D
Acq: 2 Apr 2020 1:42

Tgt Ion:276 Resp: 1710300
Ion Ratio Lower Upper
276 100
277 23.2 18.4 27.6
138 21.4 15.4 23.0

