

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
 Data File : BF119444.D
 Acq On : 19 Mar 2020 17:59
 Operator : CG/JU
 Sample : PB127678BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127678BS

Manual Integrations
 APPROVED

mohammad
 3/20/2020 11:47:22 AM

Quant Time: Mar 19 19:14:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	347331	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1322871	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	689699	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1272913	20.00	ng	0.00
76) Chrysene-d12	14.03	240	792412	20.00	ng	0.00
87) Perylene-d12	15.49	264	589527	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	2280021	104.50	ng	0.01
7) Phenol-d6	6.48	99	2895229	103.88	ng	0.00
23) Nitrobenzene-d5	7.42	82	1609207	66.11	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	776108	109.07	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3022500	64.92	ng	0.00
79) Terphenyl-d14	12.97	244	3080762	76.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	354269	32.876	ng	99
3) Pyridine	3.42	79	858735	28.926	ng	96
4) n-Nitrosodimethylamine	3.36	42	521903	36.050	ng	98
6) Aniline	6.51	93	1070571	27.831	ng	100
8) 2-Chlorophenol	6.63	128	930440	40.603	ng	98
9) Benzaldehyde	6.40	77	401727	22.721	ng	98
10) Phenol	6.49	94	1194599	40.168	ng	95
11) bis(2-Chloroethyl)ether	6.59	93	916709	38.541	ng	97
12) 1,3-Dichlorobenzene	6.79	146	960256	38.717	ng	98
13) 1,4-Dichlorobenzene	6.87	146	970422	39.117	ng	98
14) 1,2-Dichlorobenzene	7.02	146	914726	39.448	ng	99
15) Benzyl Alcohol	6.99	79	821922	39.203	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1754577	36.571	ng	98
17) 2-Methylphenol	7.10	107	772562	36.796	ng	99
18) Hexachloroethane	7.36	117	370465	40.749	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	646490	38.482	ng	99
20) 3+4-Methylphenols	7.25	107	937317	36.427	ng	# 90
22) Acetophenone	7.26	105	1229908	38.909	ng	# 98
24) Nitrobenzene	7.43	77	985001	37.866	ng	96
25) Isophorone	7.67	82	1826224	36.986	ng	98
26) 2-Nitrophenol	7.75	139	463271	45.231	ng	93
27) 2,4-Dimethylphenol	7.79	122	876382	41.381	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	1149683	39.376	ng	99
29) 2,4-Dichlorophenol	7.99	162	768816	39.509	ng	100
30) 1,2,4-Trichlorobenzene	8.07	180	833066	38.711	ng	99
31) Naphthalene	8.16	128	2656953	39.029	ng	99
32) Benzoic acid	7.90	122	505625	37.115	ng	99
33) 4-Chloroaniline	8.20	127	689957	22.118	ng	97
34) Hexachlorobutadiene	8.28	225	466253	38.723	ng	98
35) Caprolactam	8.57	113	257274m	40.397	ng	
36) 4-Chloro-3-methylphenol	8.69	107	815180	38.328	ng	97
37) 2-Methylnaphthalene	8.85	142	1779773	39.836	ng	99
38) 1-Methylnaphthalene	8.95	142	1672752	39.556	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	749314	37.066	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	792486	68.955	nq	99
43) 2,4,6-Trichlorophenol	9.13	196	563575	38.957	nq	98
44) 2,4,5-Trichlorophenol	9.16	196	586479	36.189	nq	97
46) 1,1'-Biphenyl	9.32	154	2093549	37.270	nq	100
47) 2-Chloronaphthalene	9.34	162	1634915	37.157	nq	100
48) 2-Nitroaniline	9.43	65	573338	37.751	nq	98
49) Acenaphthylene	9.76	152	2589266	37.473	nq	99
50) Dimethylphthalate	9.62	163	1861839	38.005	nq	100
51) 2,6-Dinitrotoluene	9.67	165	411885	39.225	nq	98
52) Acenaphthene	9.93	154	1701926	39.510	nq	100
53) 3-Nitroaniline	9.85	138	341077	25.728	nq	95
54) 2,4-Dinitrophenol	9.95	184	313568	70.011	nq	# 83
55) Dibenzofuran	10.10	168	2323448	37.621	nq	100
56) 4-Nitrophenol	10.00	139	783641	74.933	nq	97
57) 2,4-Dinitrotoluene	10.08	165	531309	40.166	nq	91
58) Fluorene	10.45	166	1732835	37.942	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	484578	40.002	nq	99
60) Diethylphthalate	10.32	149	1903373	38.281	nq	99
61) 4-Chlorophenyl-phenylether	10.44	204	846395	37.898	nq	97
62) 4-Nitroaniline	10.46	138	436793	34.359	nq	96
63) Azobenzene	10.60	77	1871966	37.387	nq	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	223689	41.908	nq	88
66) n-Nitrosodiphenylamine	10.56	169	1601543	38.326	nq	98
67) 4-Bromophenyl-phenylether	10.93	248	547601	37.774	nq	99
68) Hexachlorobenzene	10.99	284	584878	39.420	nq	99
69) Atrazine	11.09	200	496385	43.329	nq	97
70) Pentachlorophenol	11.19	266	642761	73.882	nq	97
71) Phenanthrene	11.41	178	2509861	38.026	nq	100
72) Anthracene	11.46	178	2572861	38.354	nq	99
73) Carbazole	11.62	167	2398178	36.118	nq	99
74) Di-n-butylphthalate	11.95	149	2850501	40.132	nq	99
75) Fluoranthene	12.60	202	2672746	37.417	nq	99
77) Benzidine	12.72	184	634737	18.928	nq	98
78) Pyrene	12.83	202	2723147	41.874	nq	99
80) Butylbenzylphthalate	13.45	149	1190408	45.258	nq	98
81) Benzo(a)anthracene	14.02	228	2025458	39.307	nq	99
82) 3,3'-Dichlorobenzidine	13.98	252	660182	32.493	nq	97
83) Chrysene	14.06	228	2062355	38.780	nq	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	1458528	46.517	nq	100
85) Di-n-octyl phthalate	14.63	149	2424800	43.972	nq	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	1771508	35.370	nq	98
88) Benzo(b)fluoranthene	15.06	252	1793304	45.538	nq	100
89) Benzo(k)fluoranthene	15.10	252	1602608	42.738	nq	98
90) Benzo(a)pyrene	15.43	252	1481031	41.383	nq	97
91) Dibenzo(a,h)anthracene	16.98	278	1447949	46.256	nq	98
92) Benzo(g,h,i)perylene	17.41	276	1565053	49.767	nq	97

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

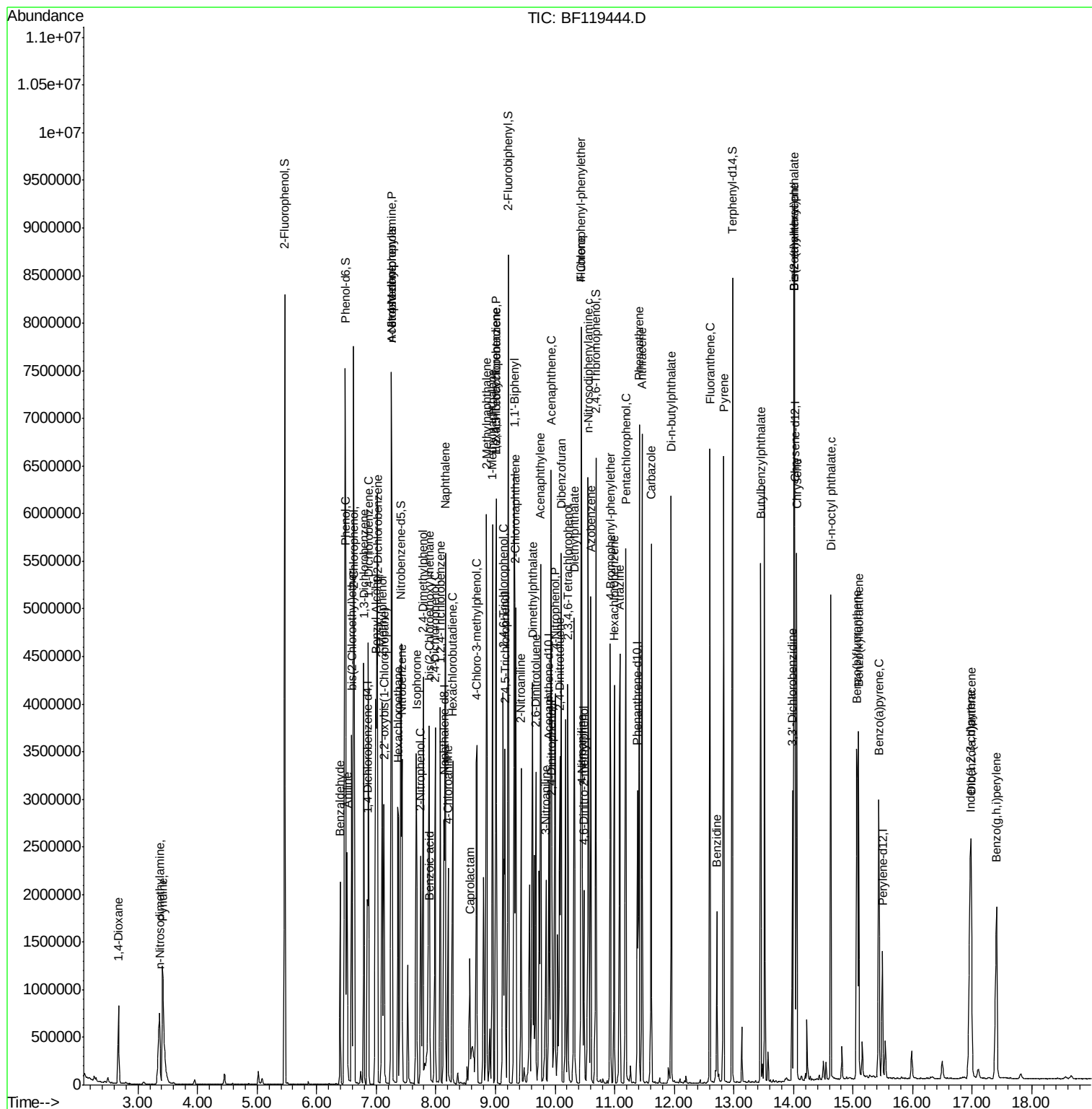
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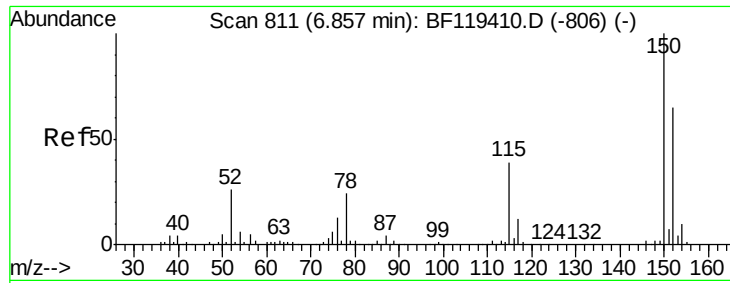
Instrument :
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 ClientSampleId :
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#1

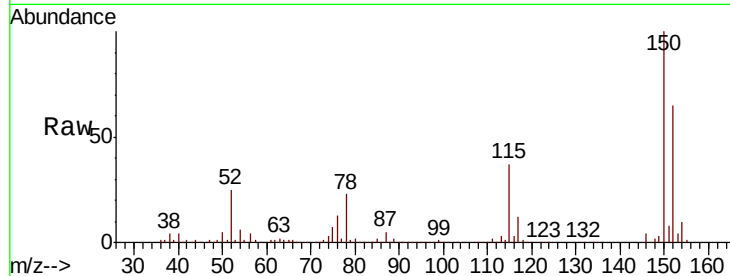
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Instrument :
BNA_F
ClientSampleId :
PB127678BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	123.9	185.9
115	57.6	47.8	71.6

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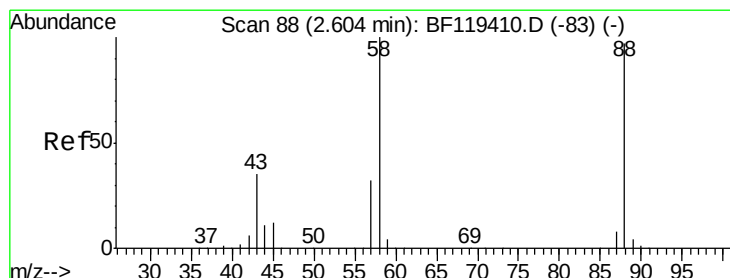
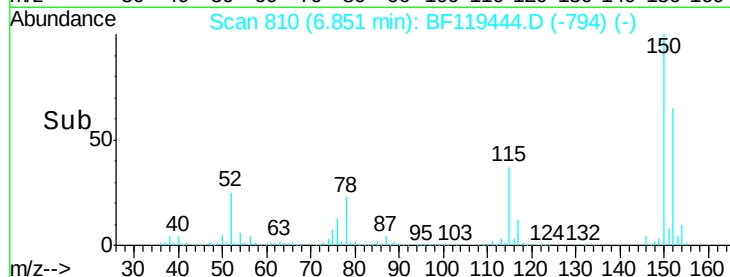
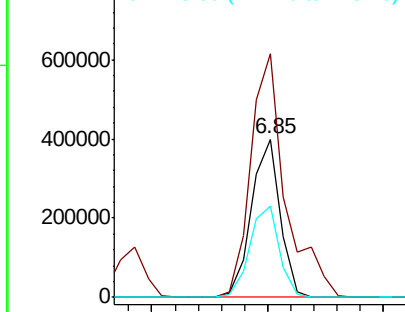


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

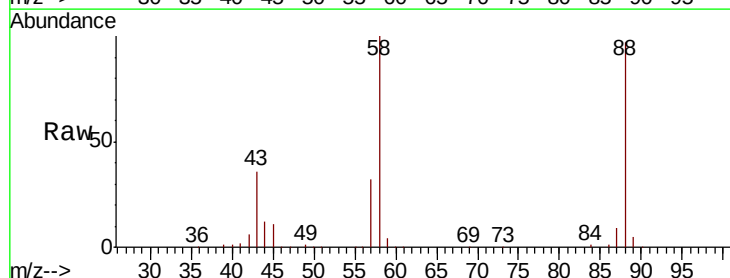
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.876 ng
RT: 2.68 min Scan# 100
Delta R.T. 0.07 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.3	79.4	119.2
43	34.6	28.4	42.6

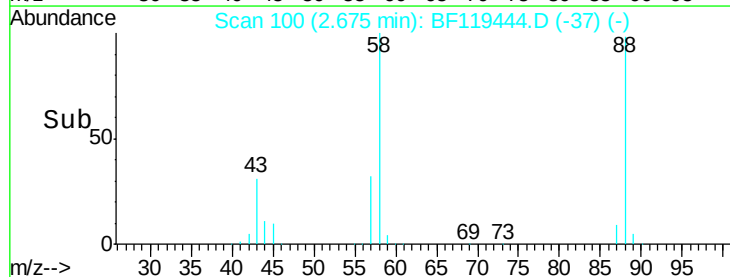
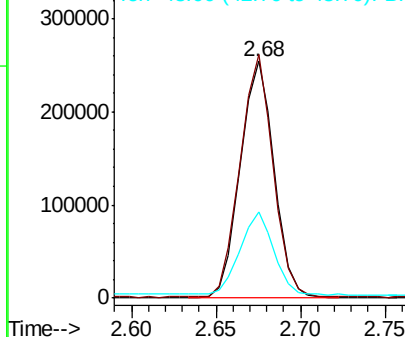


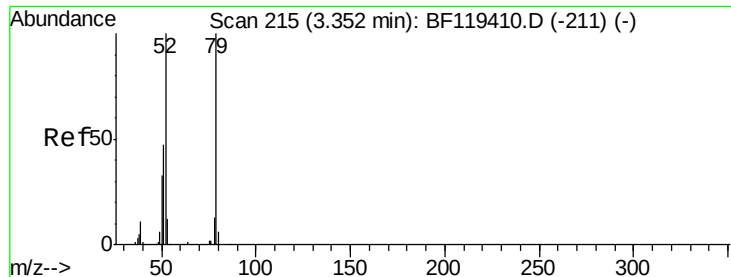
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





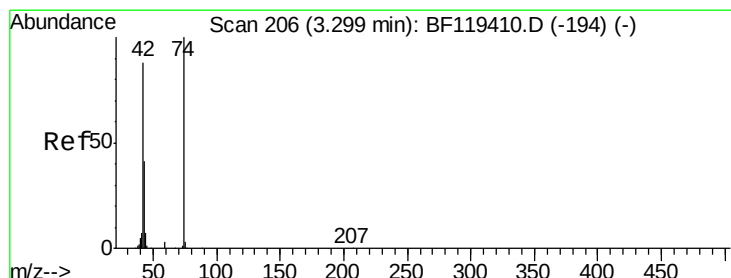
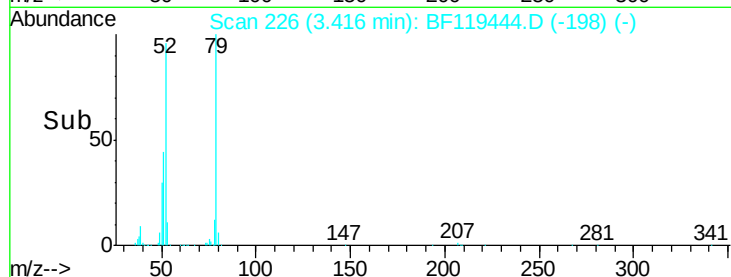
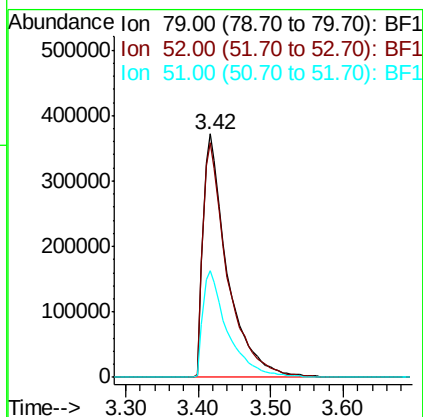
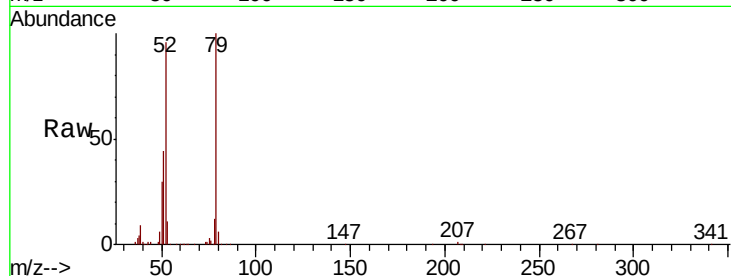
#3
 Pvridine
 Concen: 28.926 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.06 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

Instrument :
 BNA_F
 ClientSampleId :
 PB127678BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	96.2	80.0	120.0
51	43.9	37.9	56.9

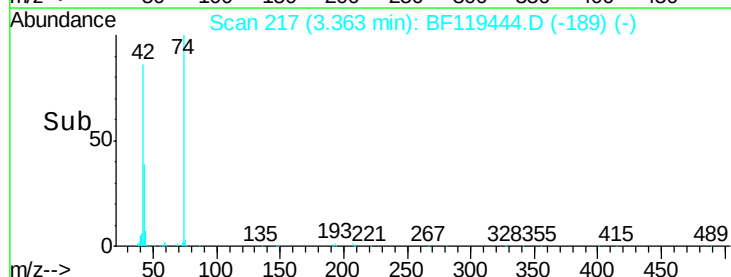
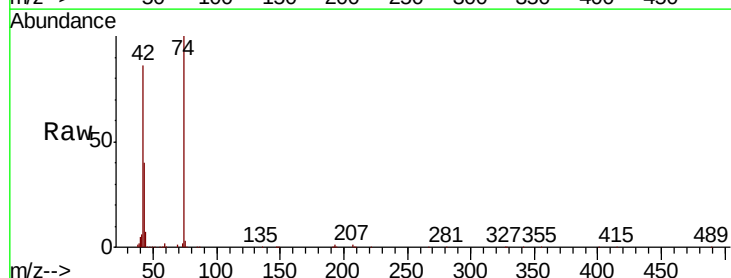
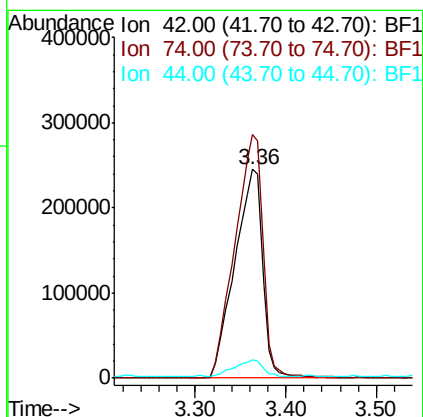
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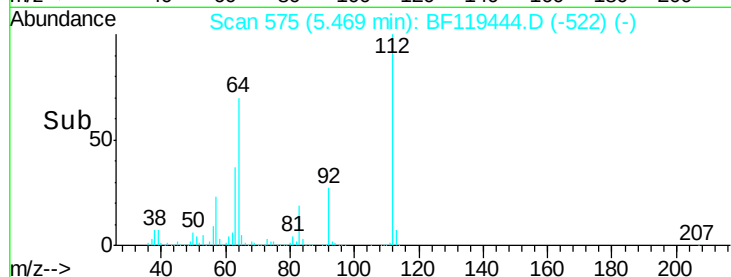
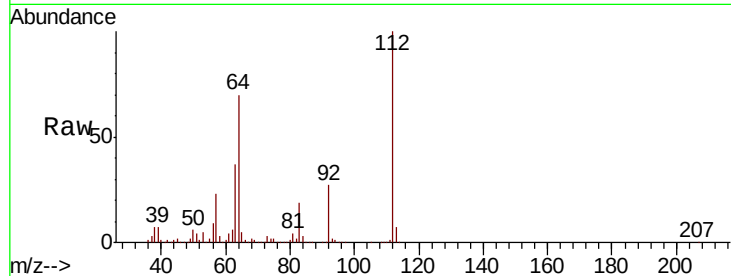
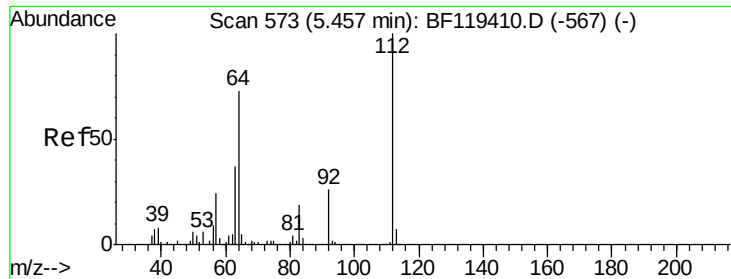
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#4
 n-Nitrosodimethylamine
 Concen: 36.050 ng
 RT: 3.36 min Scan# 217
 Delta R.T. 0.06 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

Tgt Ion	Ratio	Lower	Upper
42	100		
74	116.6	91.3	136.9
44	8.7	7.1	10.7





#5

2-Fluorophenol

Concen: 104.499 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Tot Ion:	112	Resp:	2280021
Ion Ratio	Lower	Upper	
112	100		
64	70.2	58.1	87.1
63	36.6	29.7	44.5

Instrument :

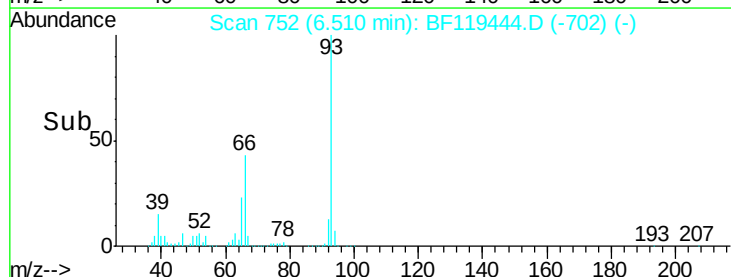
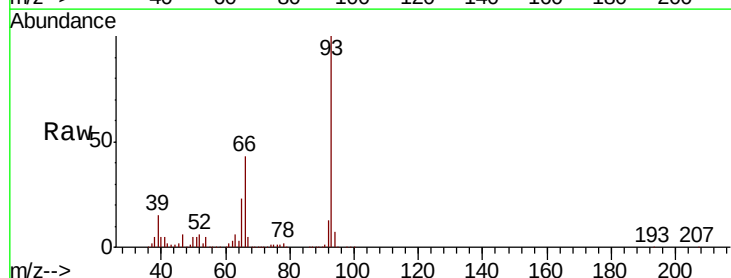
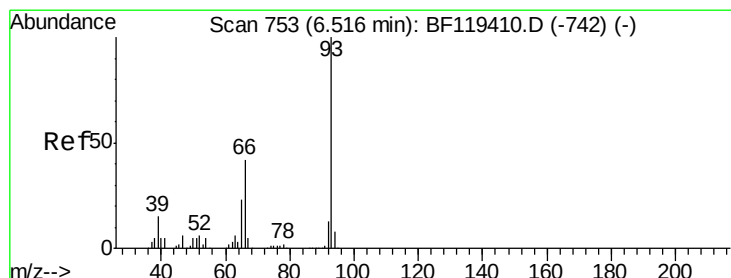
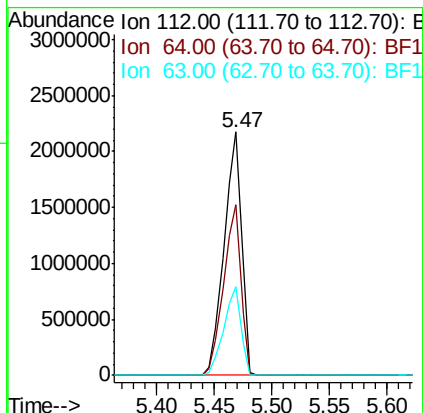
BNA_F

ClientSampleId :

PB127678BS

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#6

Aniline

Concen: 27.831 ng

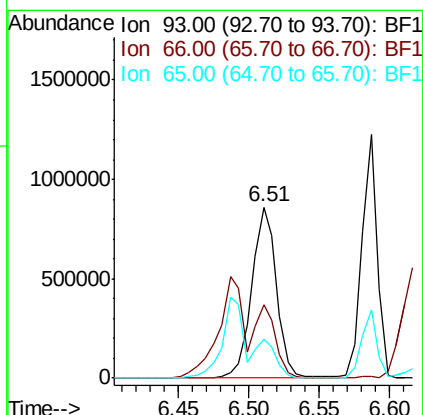
RT: 6.51 min Scan# 752

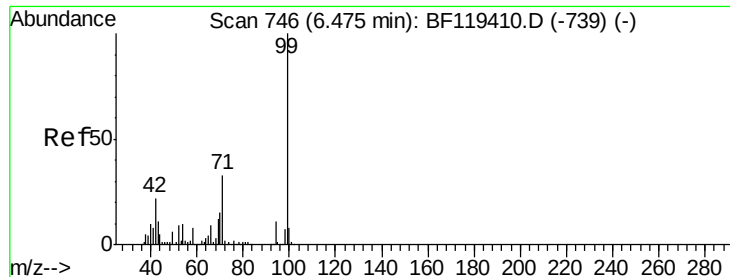
Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Tgt Ion:	93	Resp:	1070571
Ion Ratio	Lower	Upper	
93	100		
66	43.0	34.2	51.4
65	22.6	18.2	27.4





#7

Phenol-d6

Concen: 103.877 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Instrument :

BNA_F

ClientSampleId :

PB127678BS

Tot Ion: 99 Resp: 2895229

Ion Ratio Lower Upper

99 100

42 20.9 17.8 26.6

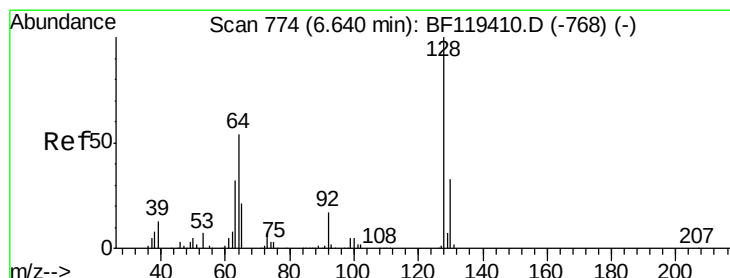
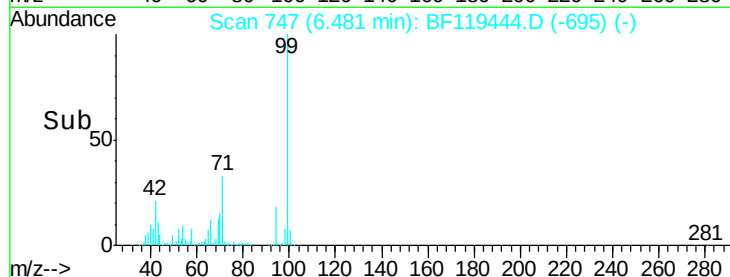
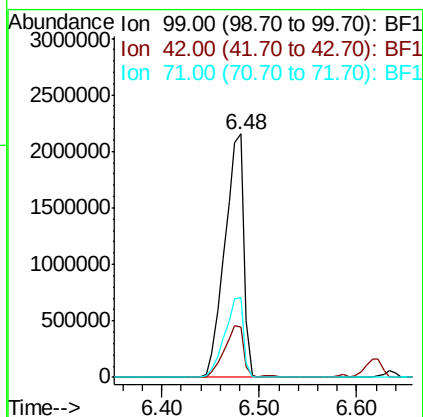
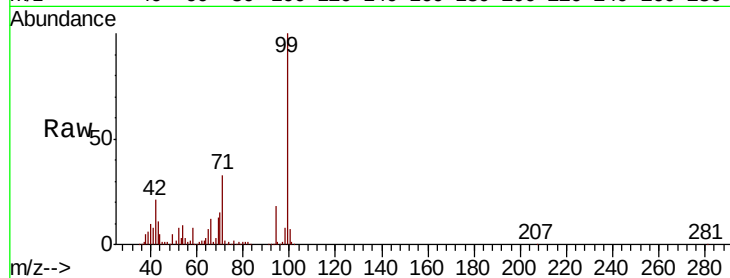
71 33.0 26.0 39.0

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#8

2-Chlorophenol

Concen: 40.603 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

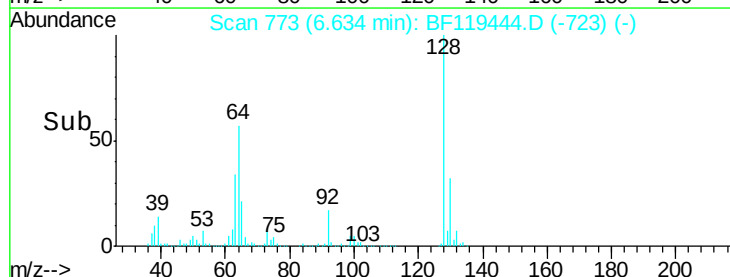
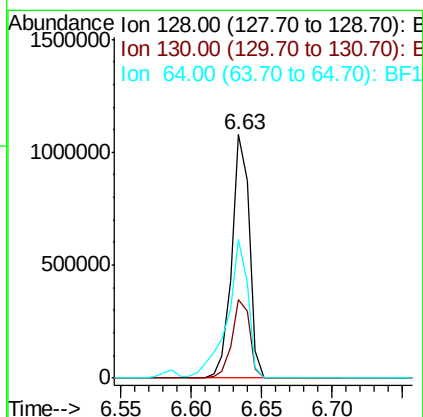
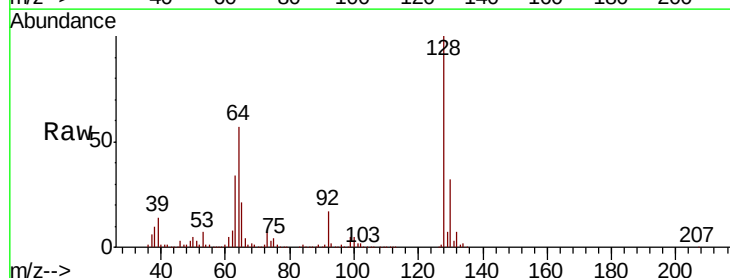
Tgt Ion: 128 Resp: 930440

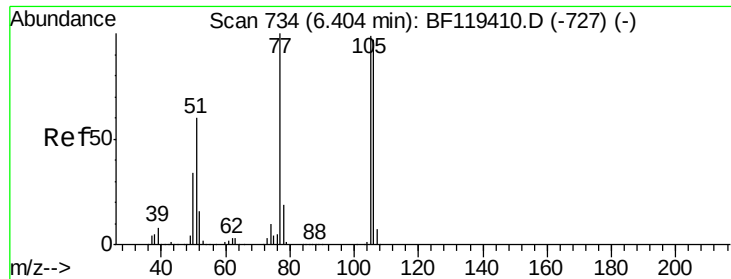
Ion Ratio Lower Upper

128 100

130 32.2 13.0 53.0

64 57.2 35.1 75.1





#9

Benzaldehyde

Concen: 22.721 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Instrument :

BNA_F

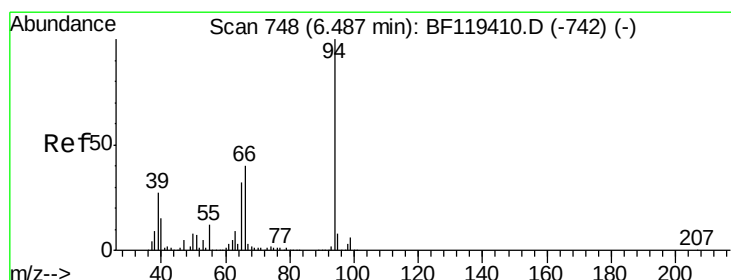
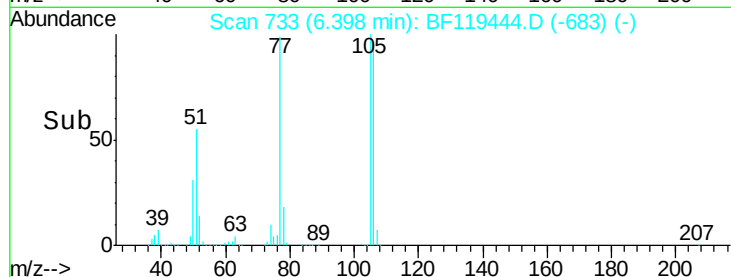
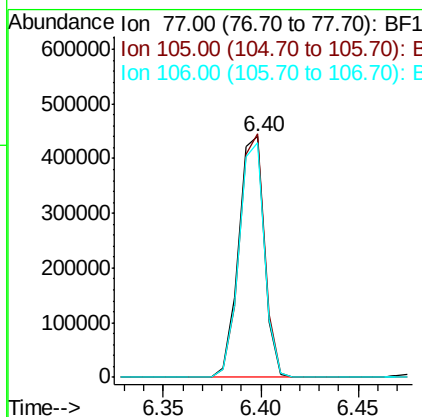
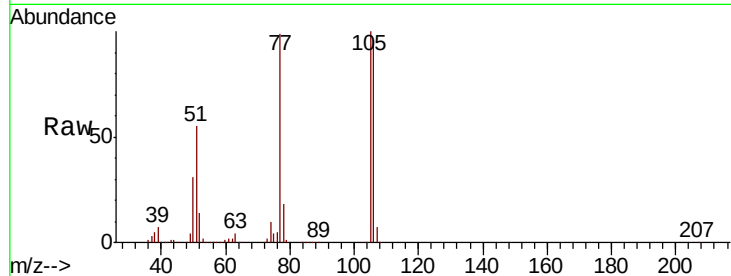
ClientSampleId :

PB127678BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.0	78.6	118.6
106	97.5	76.5	116.5

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#10

Phenol

Concen: 40.168 ng

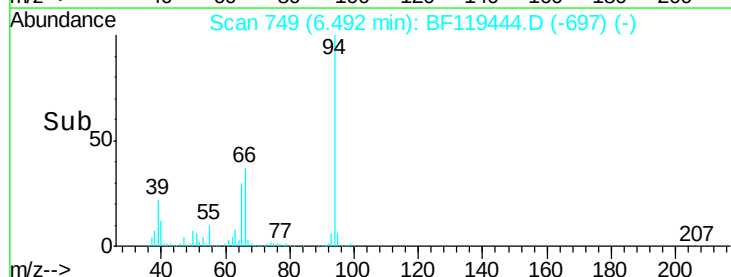
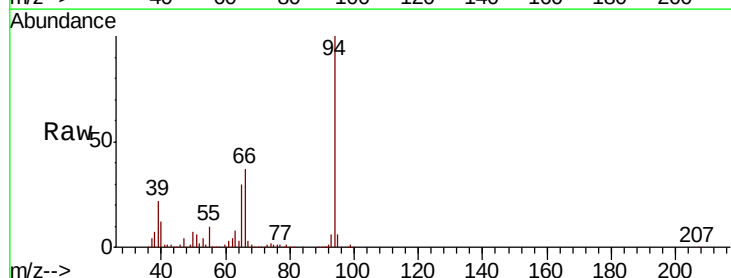
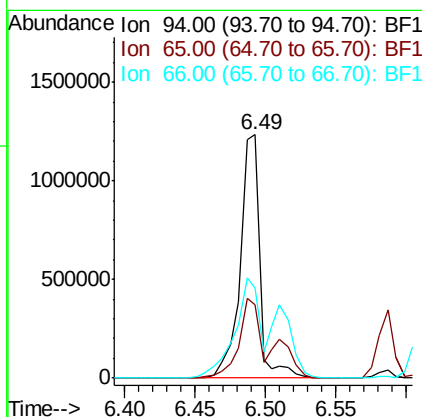
RT: 6.49 min Scan# 749

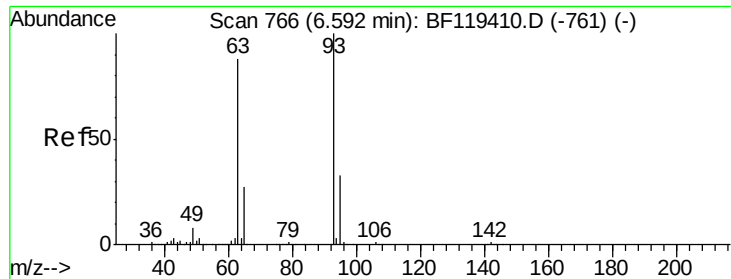
Delta R.T. 0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.0	12.0	52.0
66	36.8	20.6	60.6





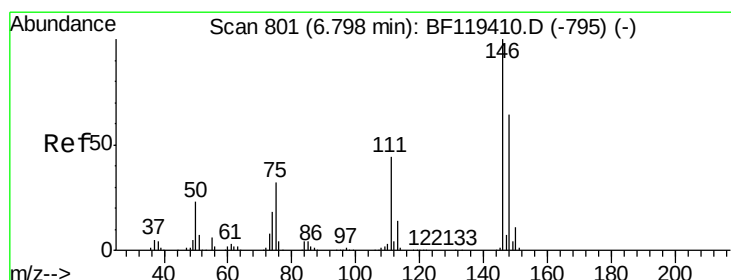
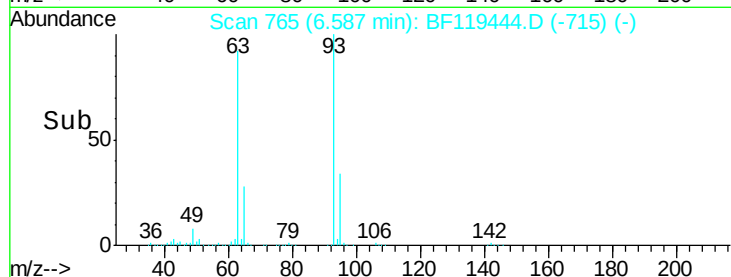
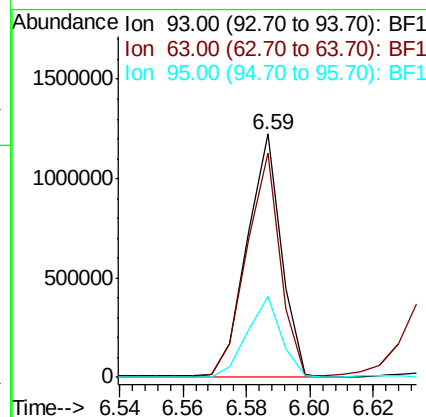
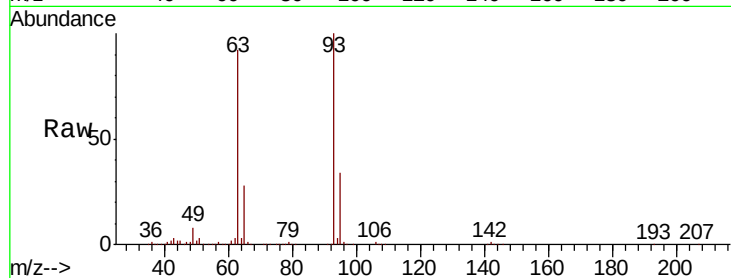
#11
bis(2-Chloroethyl)ether
Concen: 38.541 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Instrument :
BNA_F
ClientSampleId :
PB127678BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	92.0	68.4	108.4	
95	33.5	13.4	53.4	

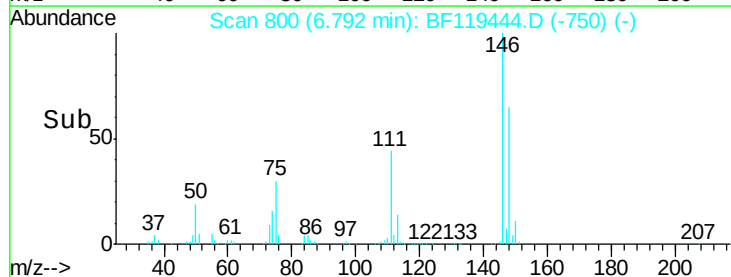
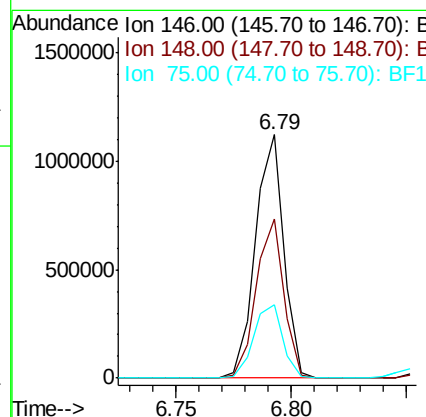
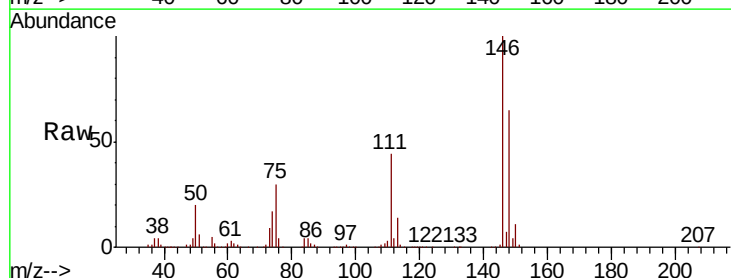
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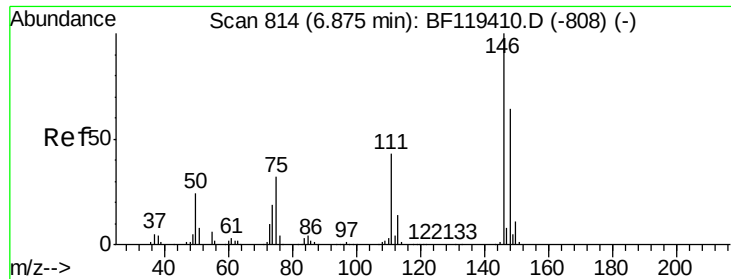
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.717 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.3	51.4	77.0	
75	30.4	25.8	38.8	





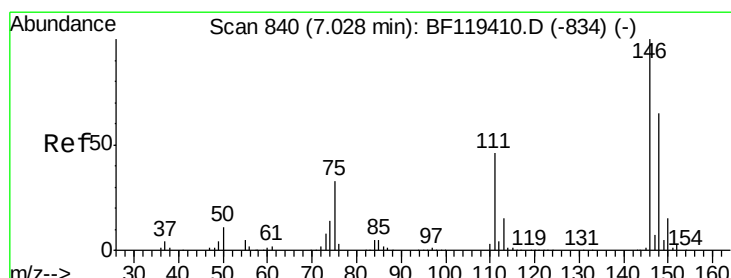
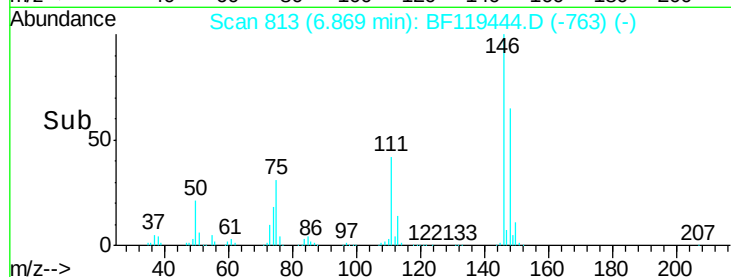
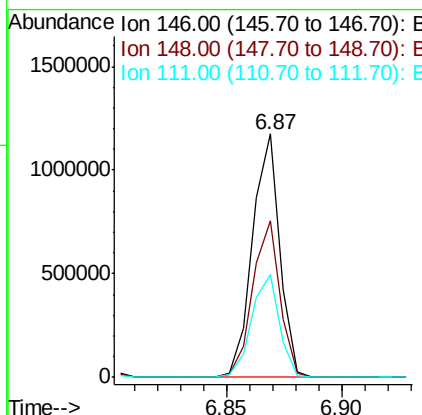
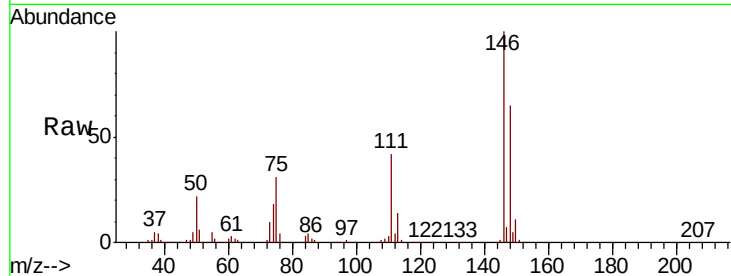
#13
 1,4-Dichlorobenzene
 Concen: 39.117 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

Instrument :
 BNA_F
 ClientSampleId :
 PB127678BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		970422		
148	64.5	50.9		76.3	
111	42.0	34.6		52.0	

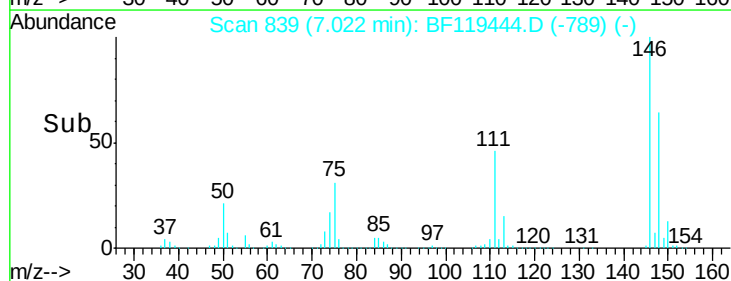
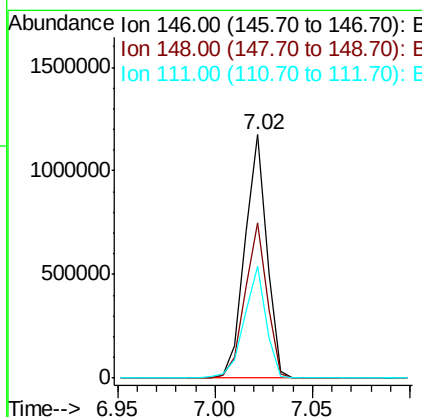
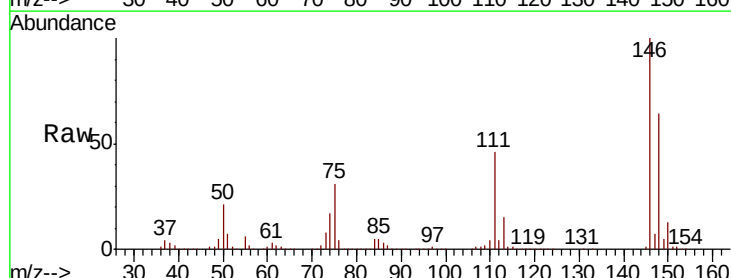
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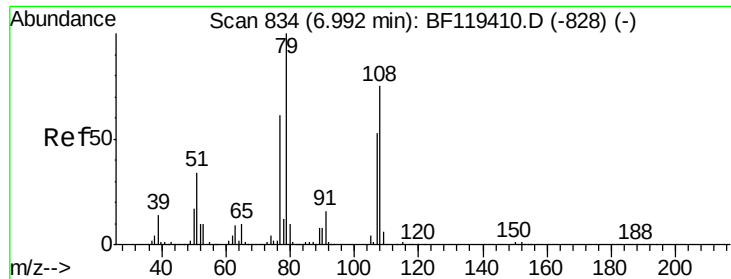
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 39.448 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		914726		
148	63.9	51.7		77.5	
111	46.0	36.4		54.6	





#15

Benzyl Alcohol

Concen: 39.203 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Instrument :

BNA_F

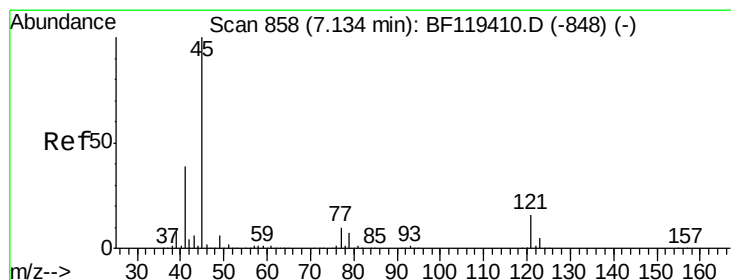
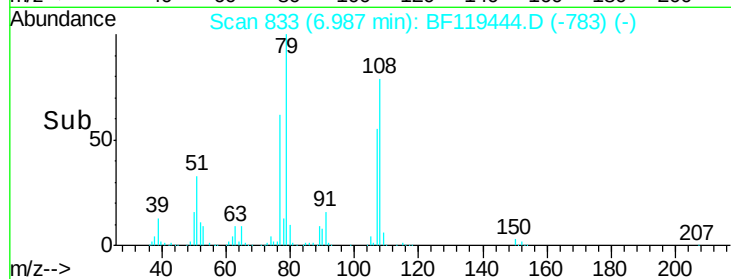
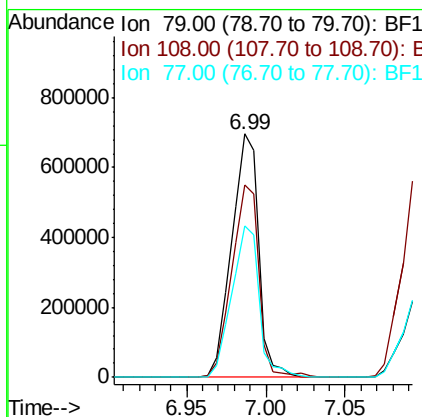
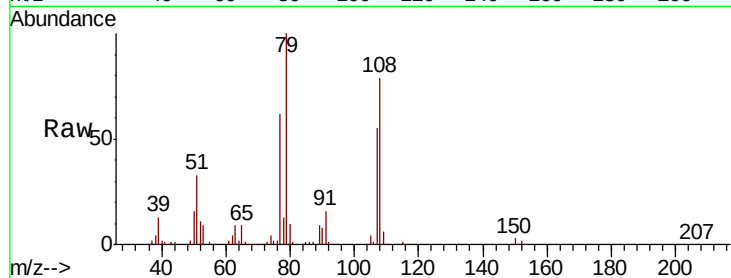
ClientSampleId :

PB127678BS

Tot Ion:	79	Resp:	821922
Ion Ratio	Lower	Upper	
79	100		
108	79.1	60.4	90.6
77	62.4	49.0	73.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.571 ng

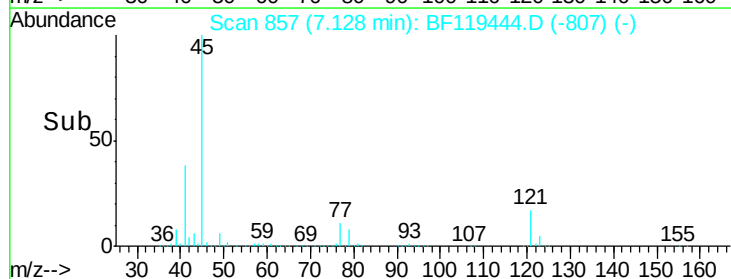
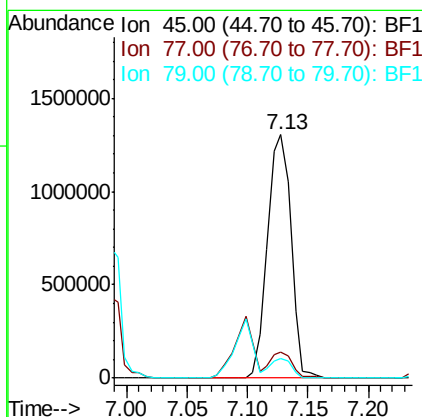
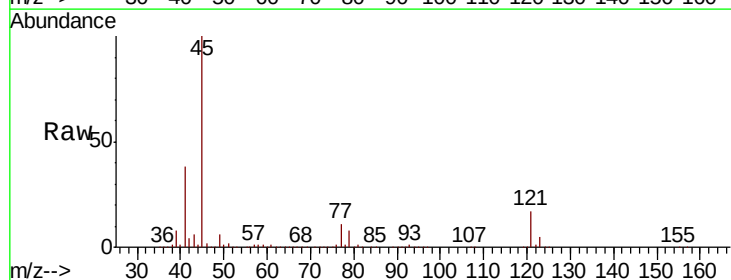
RT: 7.13 min Scan# 857

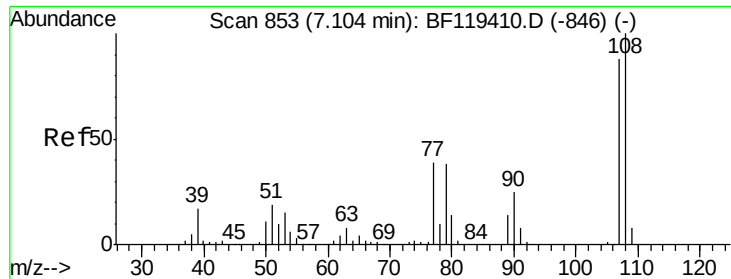
Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Tgt Ion:	45	Resp:	1754577
Ion Ratio	Lower	Upper	
45	100		
77	10.6	0.0	30.1
79	8.2	0.0	27.4





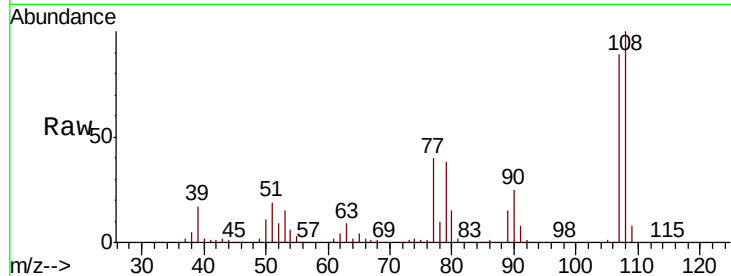
#17
2-Methylphenol
Concen: 36.796 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Instrument :
BNA_F
ClientSampleId :
PB127678BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	112.7	90.7	136.1		
77	45.2	35.6	53.4		
79	43.3	34.7	52.1		

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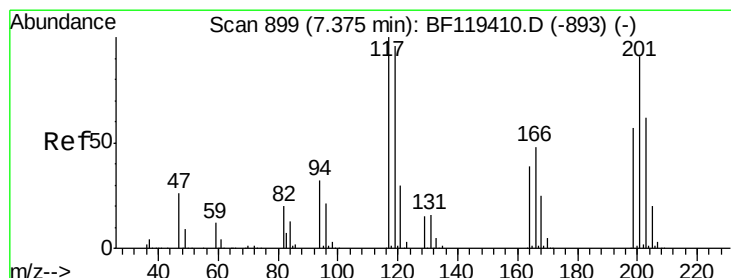
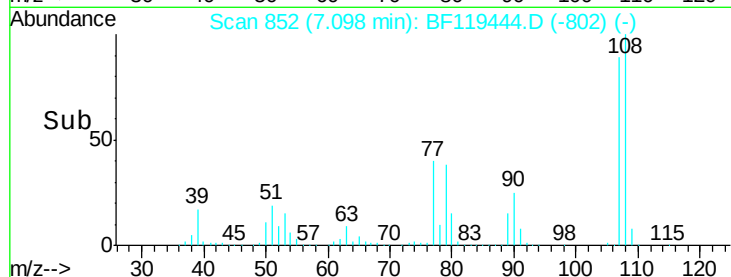
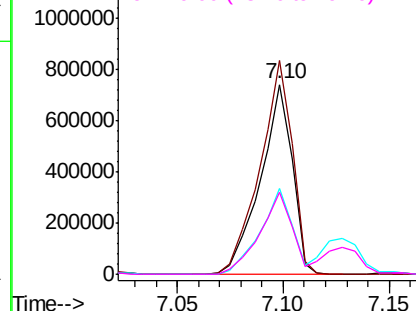
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

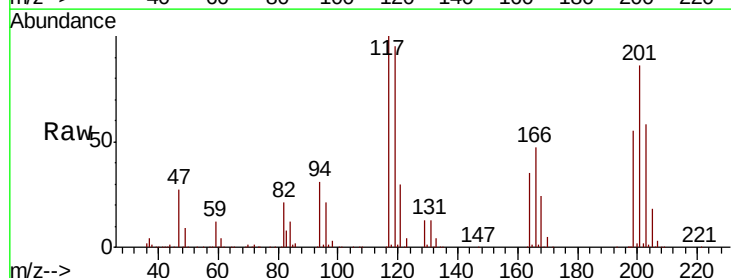
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.749 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	94.8	76.8	115.2		
201	86.3	72.5	108.7		

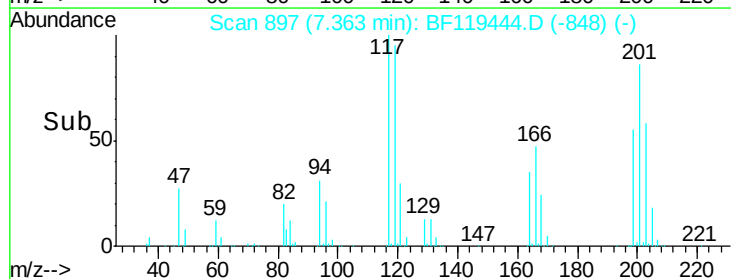
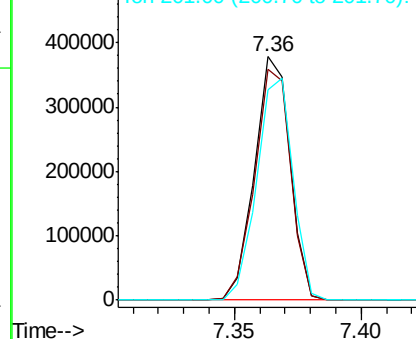


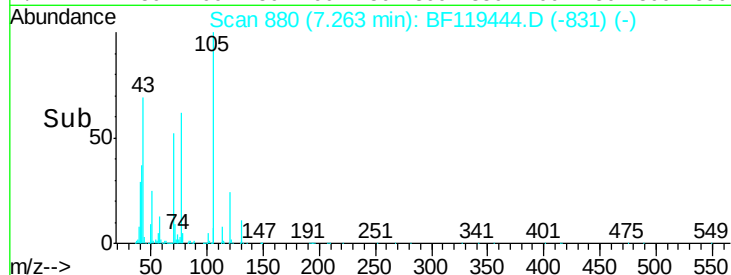
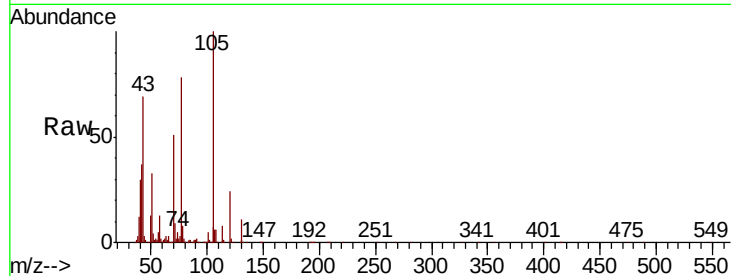
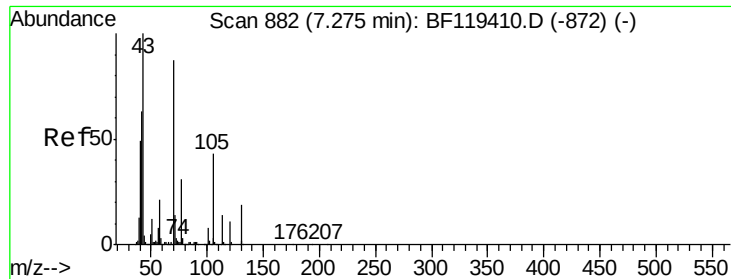
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





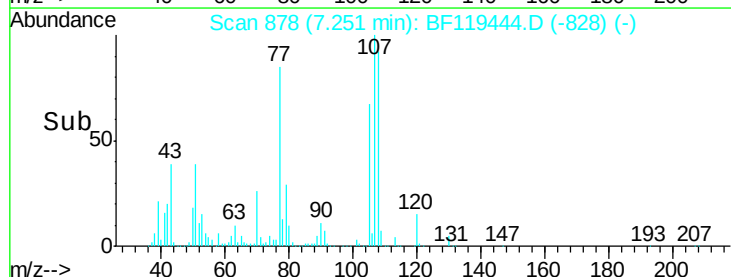
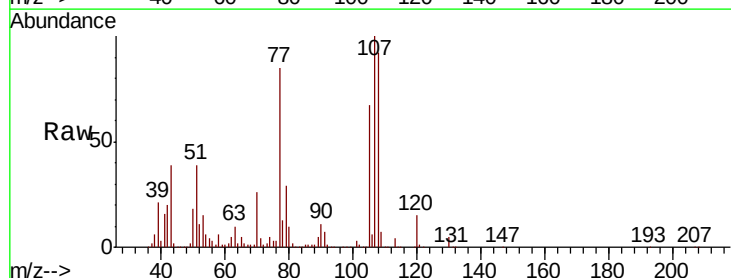
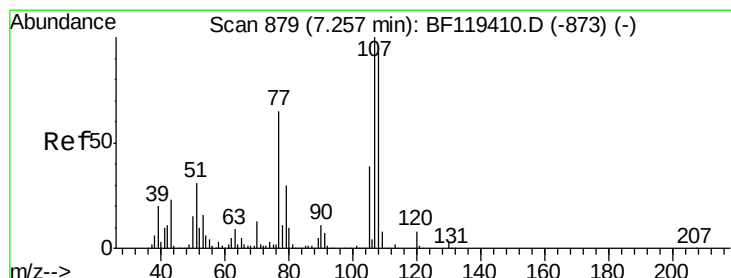
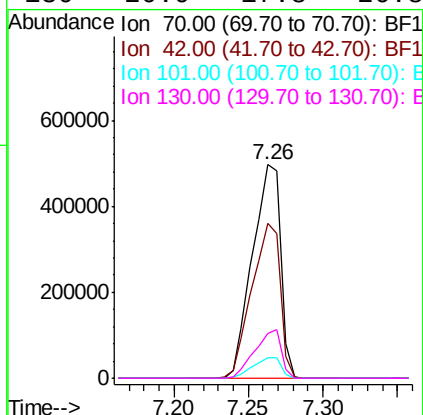
#19
n-Nitroso-di-n-propylamine
Concen: 38.482 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Instrument :
BNA_F
ClientSampleId :
PB127678BS

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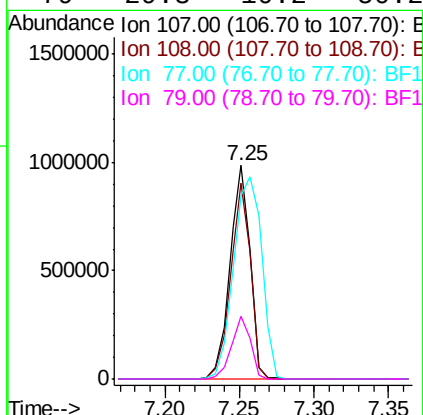
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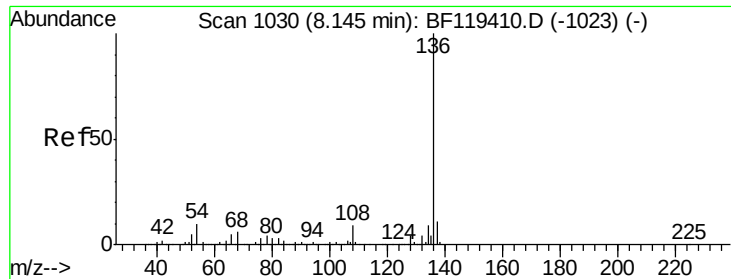
Tot Ion	Ratio	Lower	Upper
70	100		
42	72.8	58.2	87.4
101	9.9	7.4	11.2
130	20.9	17.8	26.8



#20
3+4-Methylphenols
Concen: 36.427 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.8	72.6	112.6
77	85.5	44.7	84.7#
79	29.3	10.2	50.2





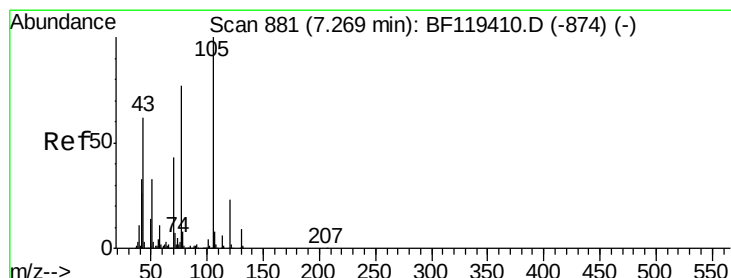
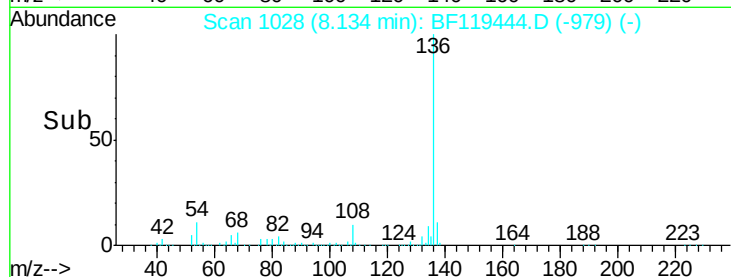
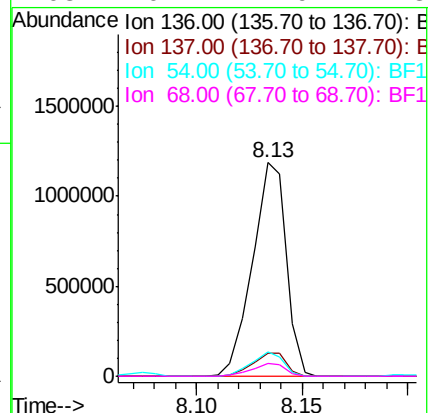
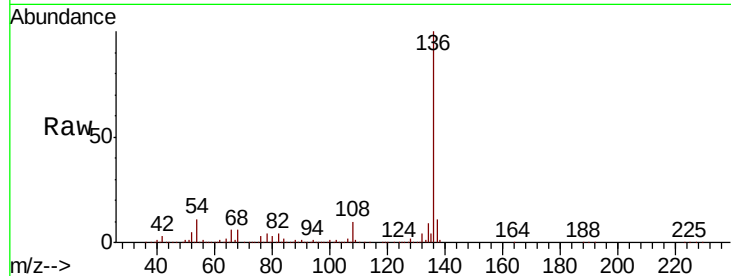
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Instrument :
BNA_F
ClientSampleId :
PB127678BS

Tot Ion	Ion	Ratio	Lower	Upper
136	100			
137	11.1	8.4	12.6	
54	11.4	8.3	12.5	
68	6.2	4.9	7.3	

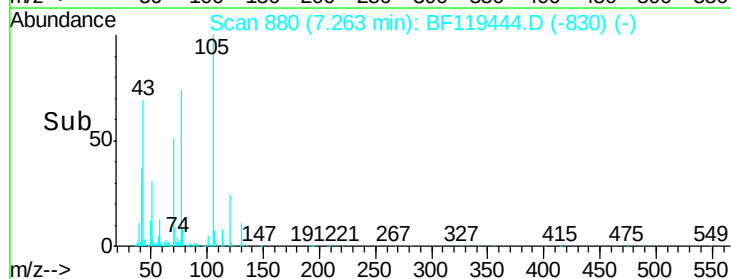
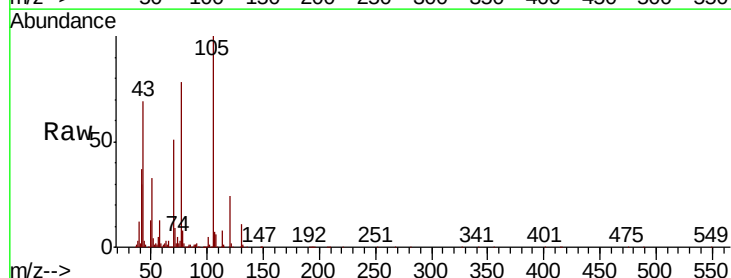
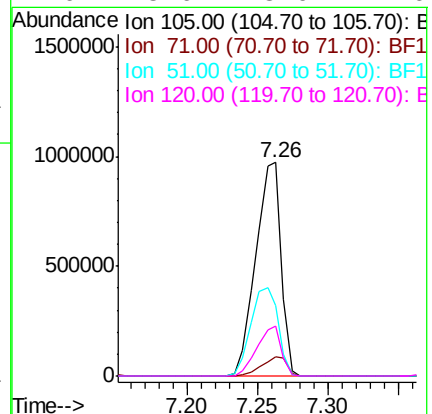
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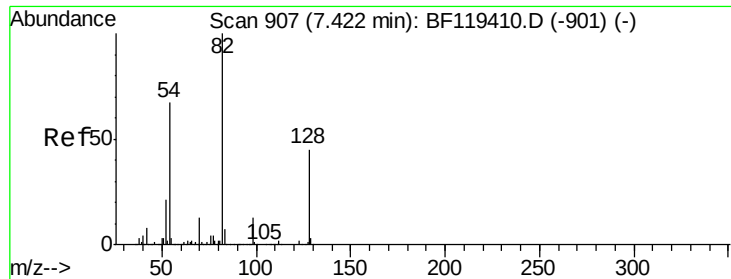
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#22
Acetophenone
Concen: 38.909 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Tgt Ion	Ion	Ratio	Lower	Upper
105	100			
71	9.1	5.8	8.6#	
51	33.1	26.8	40.2	
120	23.6	18.0	27.0	





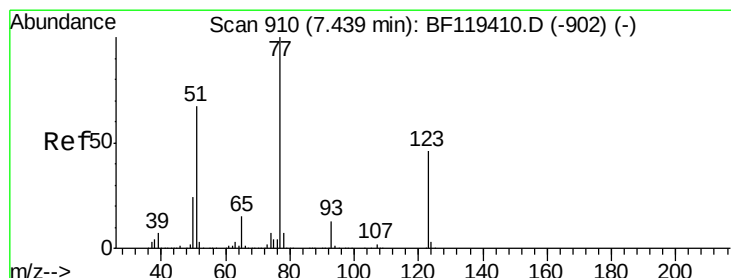
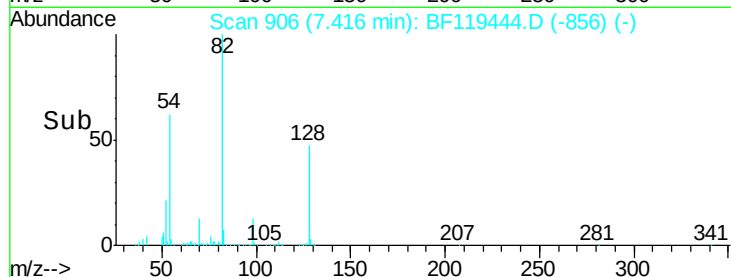
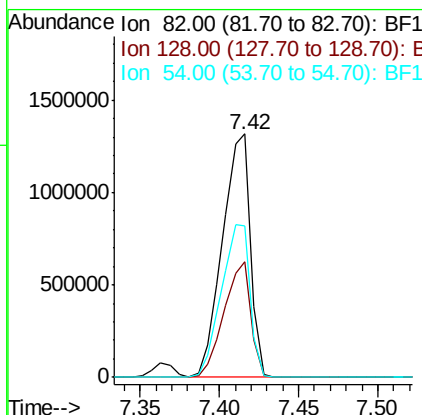
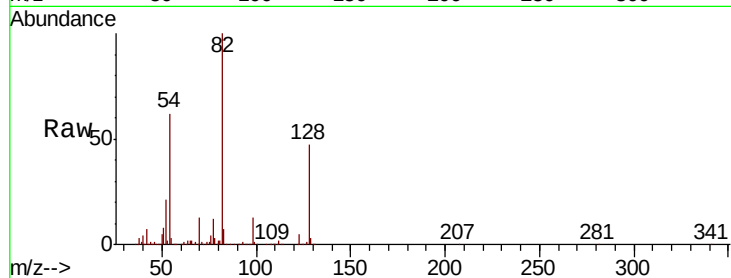
#23
Nitrobenzene-d5
Concen: 66.111 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Instrument :
BNA_F
ClientSampleId :
PB127678BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.4	35.8	53.8
54	62.4	53.4	80.0

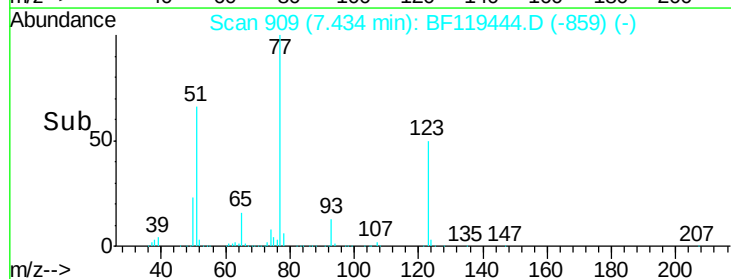
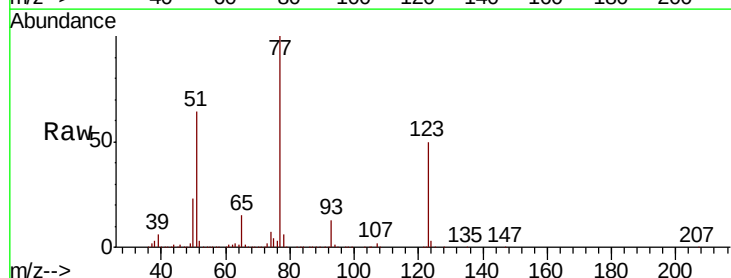
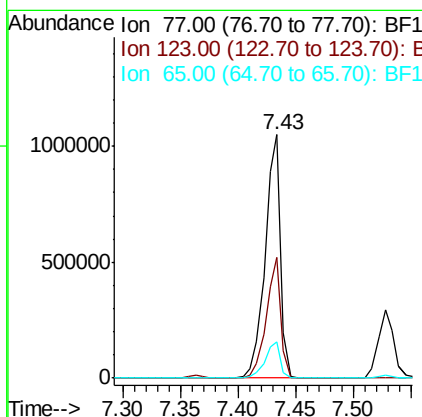
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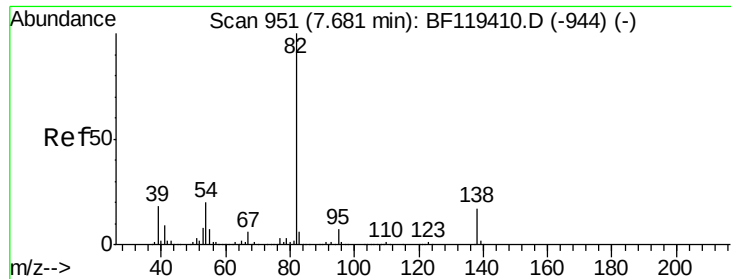
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#24
Nitrobenzene
Concen: 37.866 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.6	36.9	55.3
65	15.1	12.2	18.4





#25

Isophorone

Concen: 36.986 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Instrument :

BNA_F

ClientSampleId :

PB127678BS

Tot Ion: 82 Resp: 1826224

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

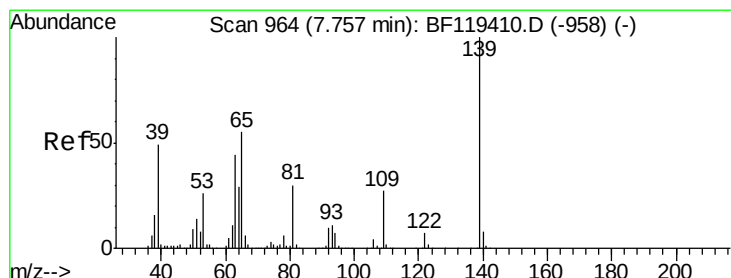
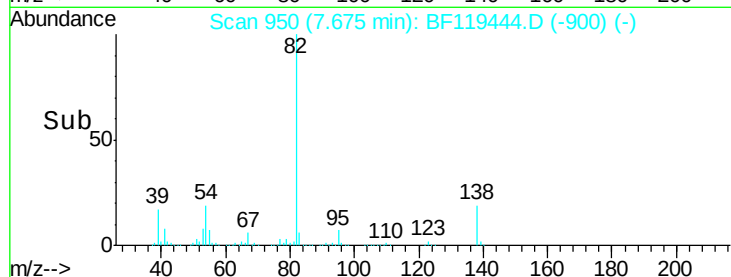
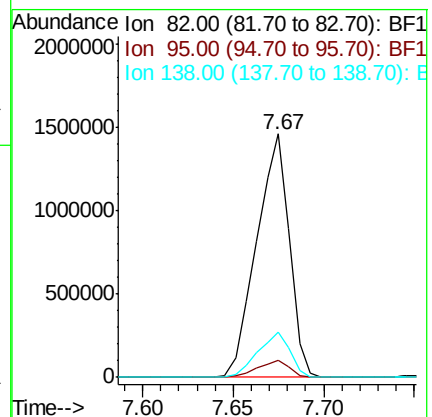
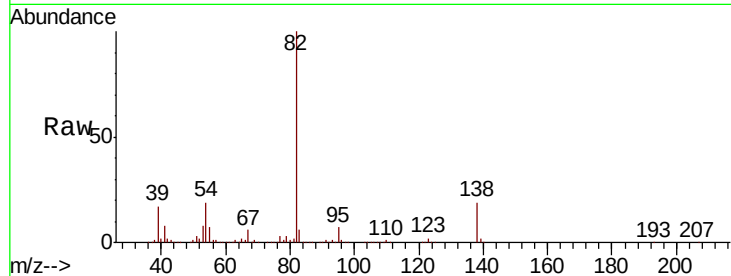
138 18.8 13.8 20.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 45.231 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

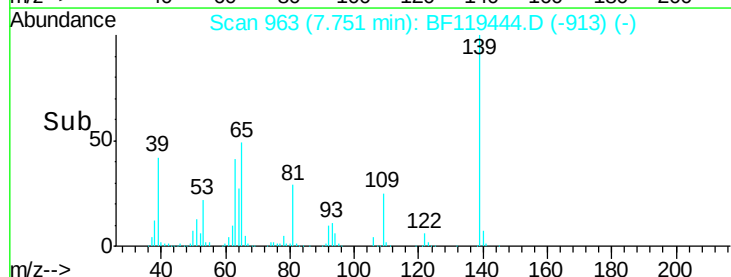
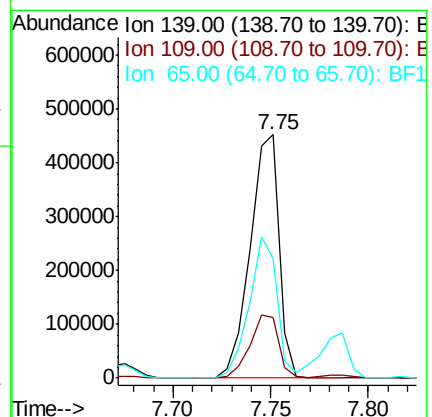
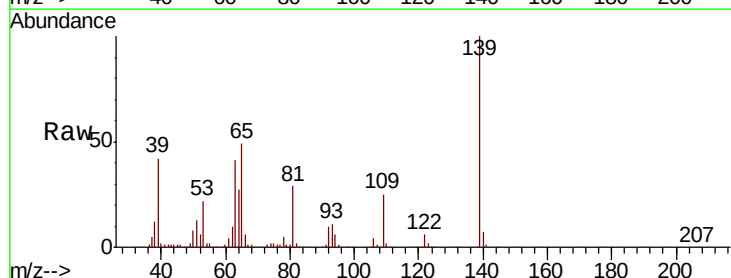
Tgt Ion: 139 Resp: 463271

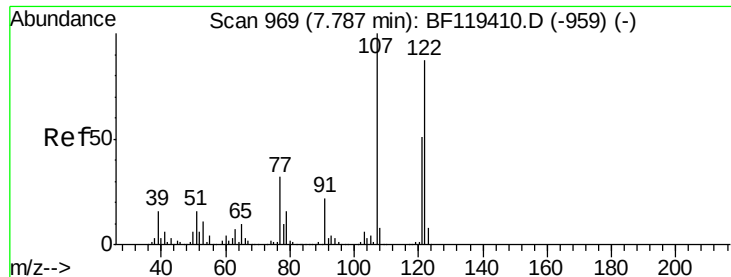
Ion Ratio Lower Upper

139 100

109 24.9 21.7 32.5

65 49.0 43.9 65.9





#27

2,4-Dimethylphenol

Concen: 41.381 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Instrument :

BNA_F

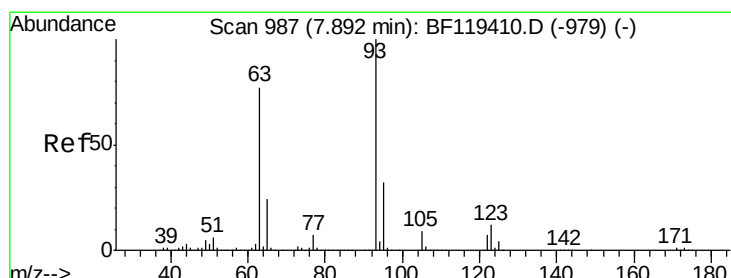
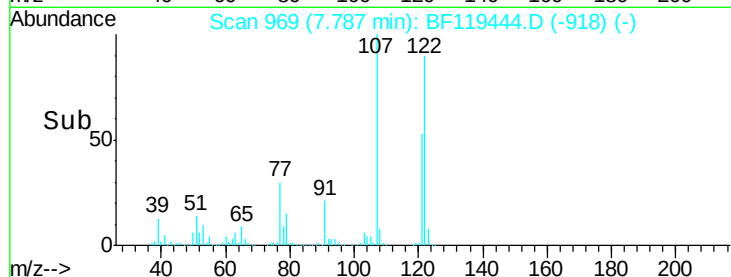
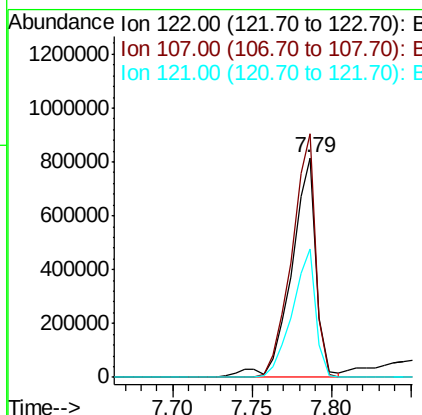
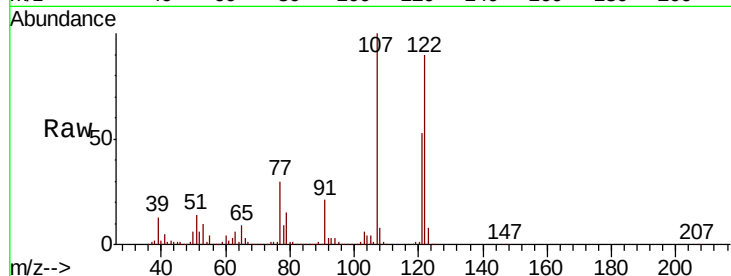
ClientSampleId :

PB127678BS

Tot Ion:	122	Resp:	876382
Ion Ratio	Lower	Upper	
122	100		
107	111.0	91.8	137.6
121	58.5	46.5	69.7

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#28

bis(2-Chloroethoxy)methane

Concen: 39.376 ng

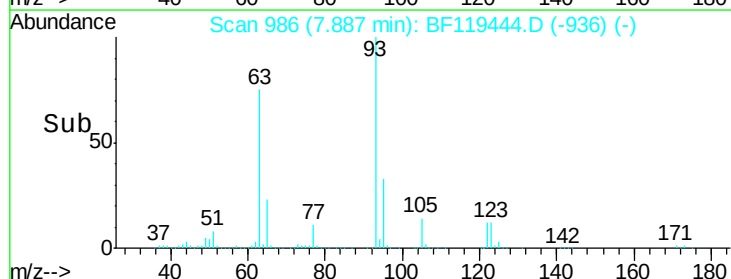
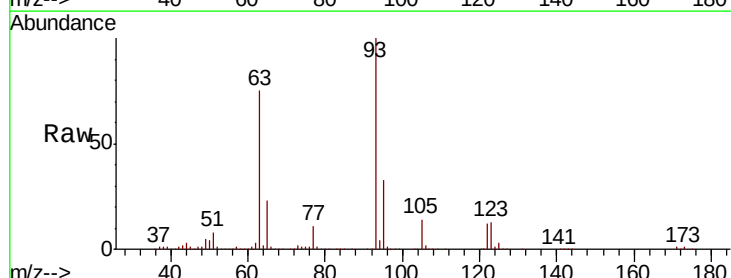
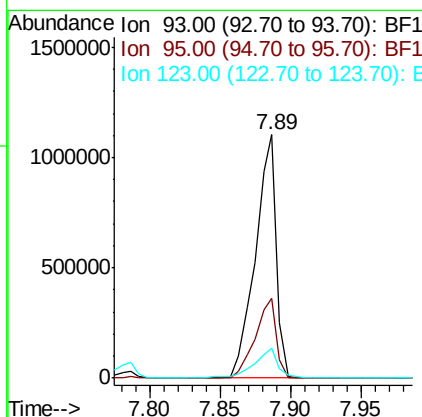
RT: 7.89 min Scan# 986

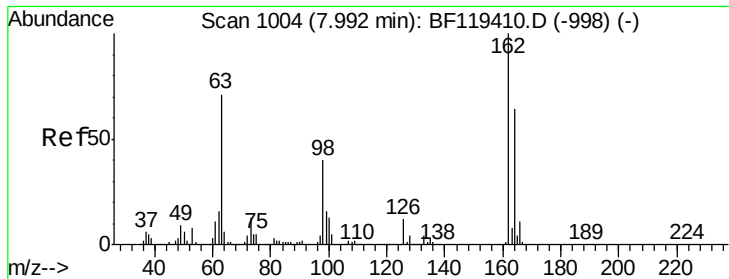
Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Tgt Ion:	93	Resp:	1149683
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.0	39.0
123	12.5	9.7	14.5





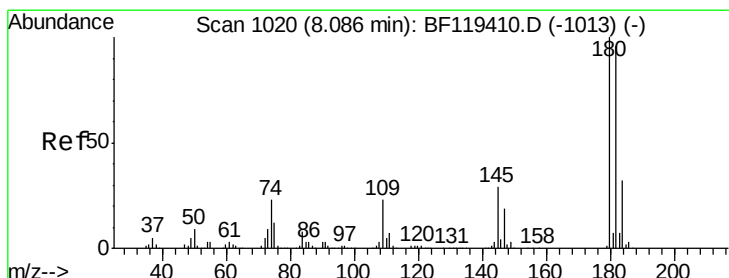
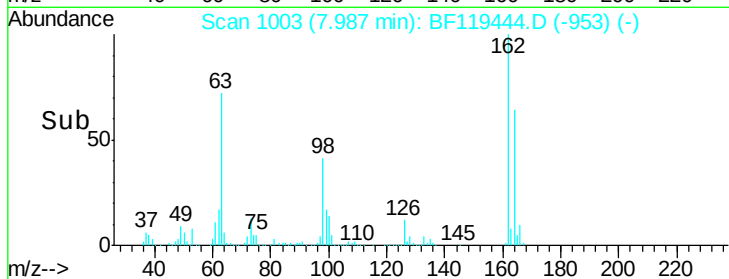
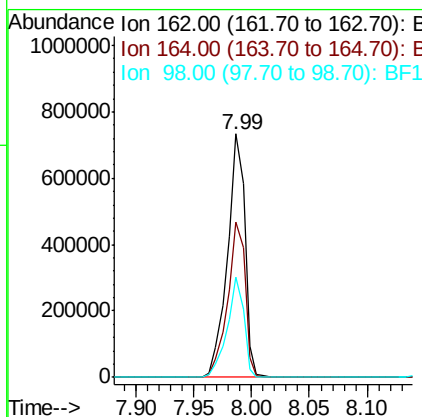
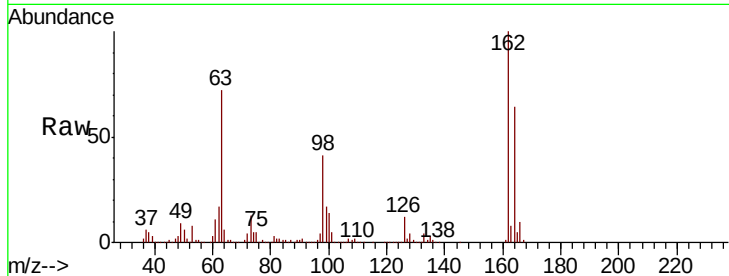
#29
2,4-Dichlorophenol
Concen: 39.509 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Instrument :
BNA_F
ClientSampleID :
PB127678BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	768816		
164	63.7	43.6	83.6	
98	41.1	20.4	60.4	

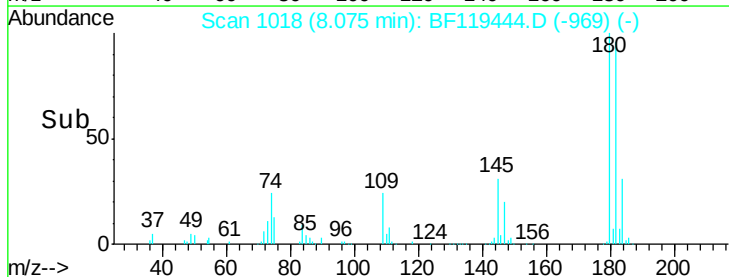
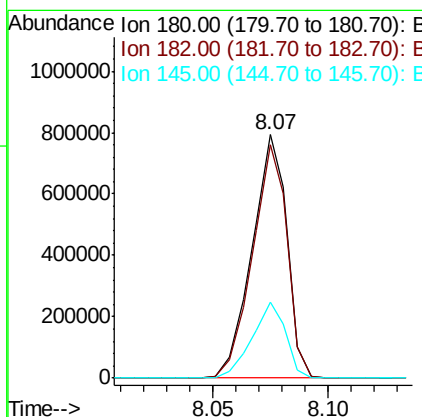
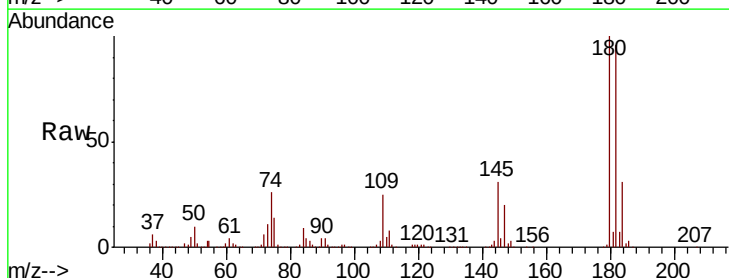
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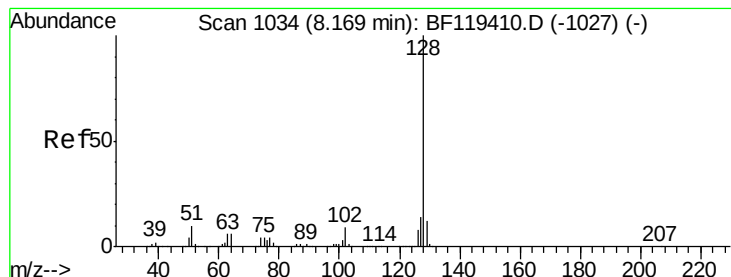
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 38.711 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	833066		
182	95.9	76.6	115.0	
145	31.3	23.2	34.8	





#31

Naphthalene

Concen: 39.029 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Instrument :

BNA_F

ClientSampleId :

PB127678BS

Tot Ion:128 Resp: 2656953

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

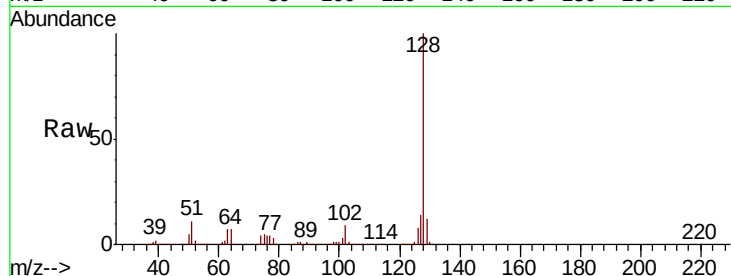
127 14.1 11.0 16.4

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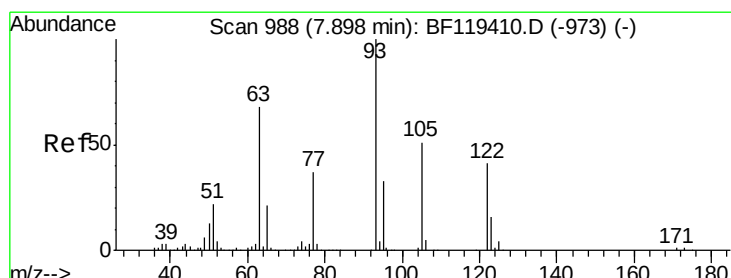
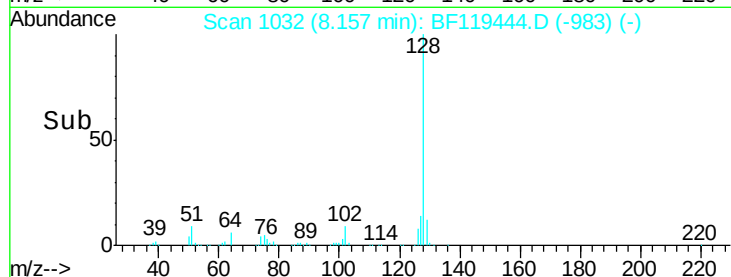
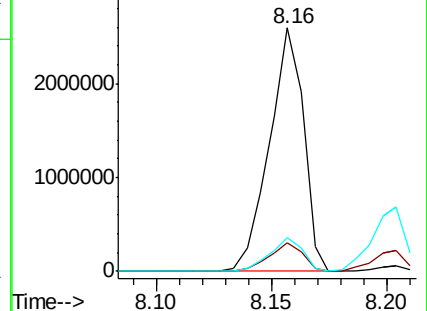
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.115 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

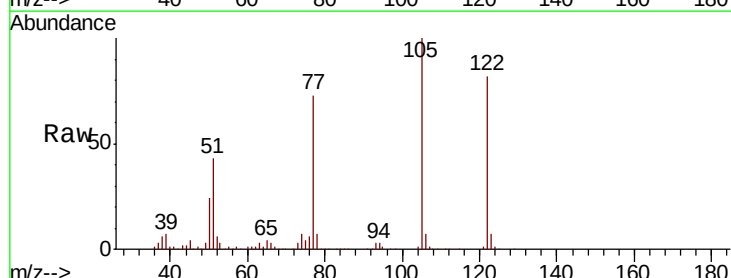
Tgt Ion:122 Resp: 505625

Ion Ratio Lower Upper

122 100

105 122.3 102.9 142.9

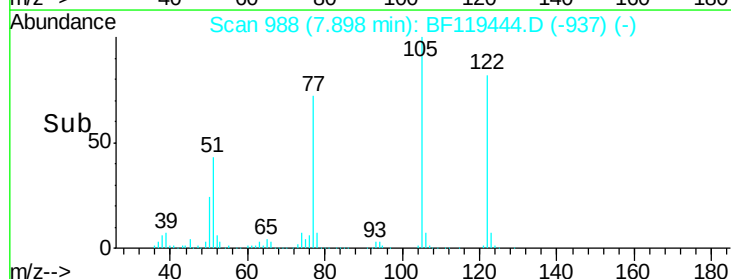
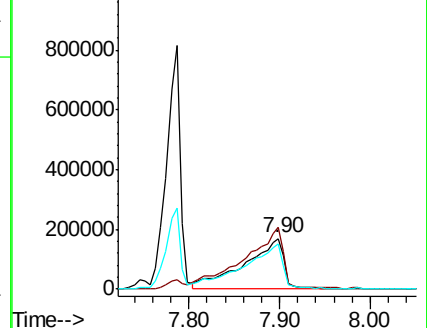
77 89.0 70.1 110.1

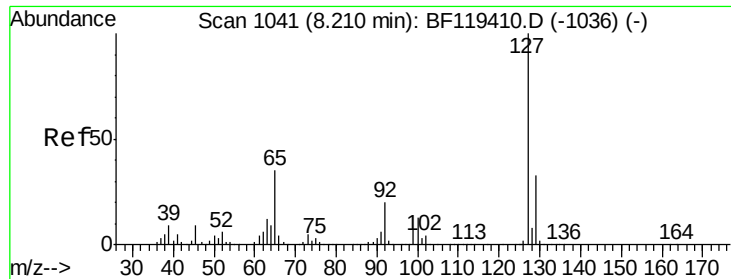


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





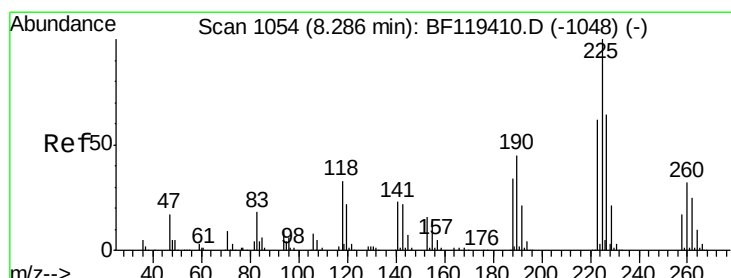
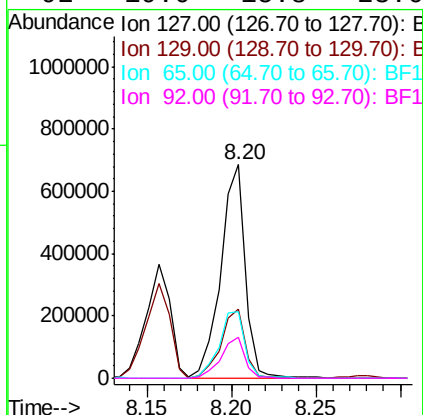
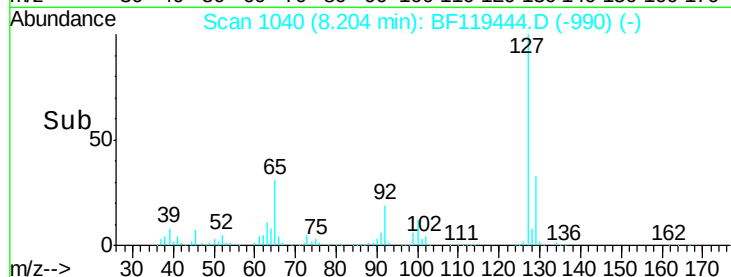
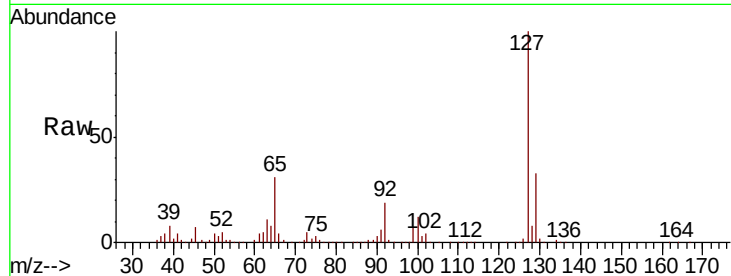
#33
4-Chloroaniline
Concen: 22.118 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Instrument :
BNA_F
ClientSampleId :
PB127678BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		689957		
129	32.7	26.2	39.4		
65	31.1	27.7	41.5		
92	19.0	15.8	23.6		

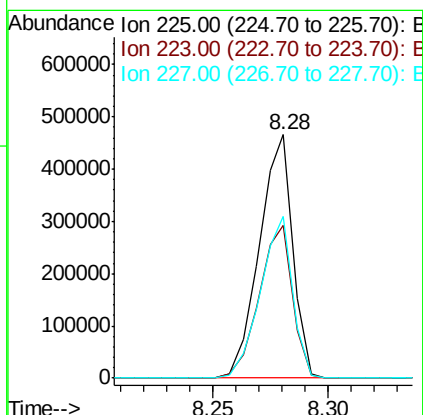
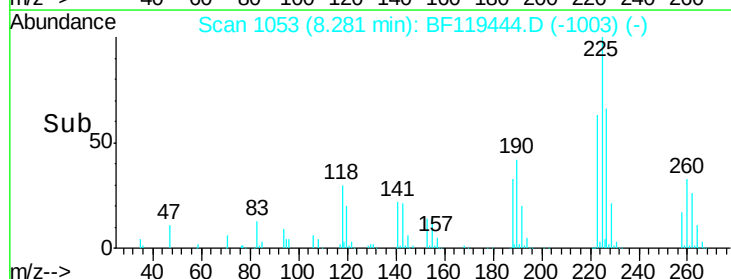
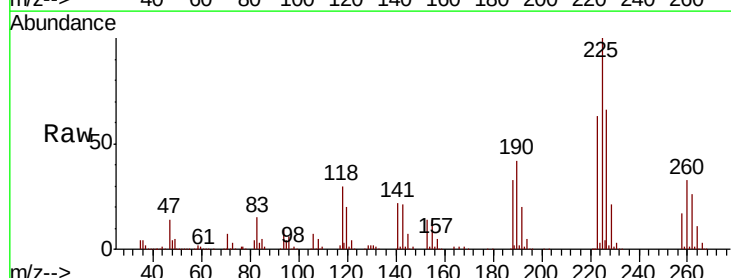
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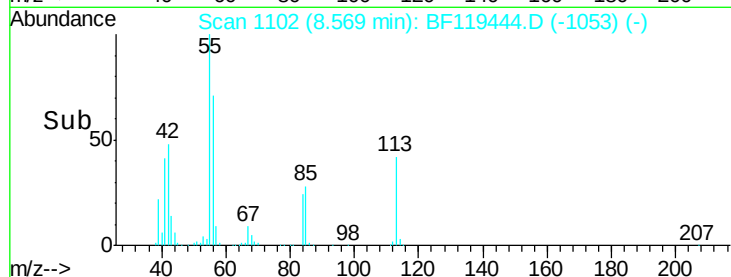
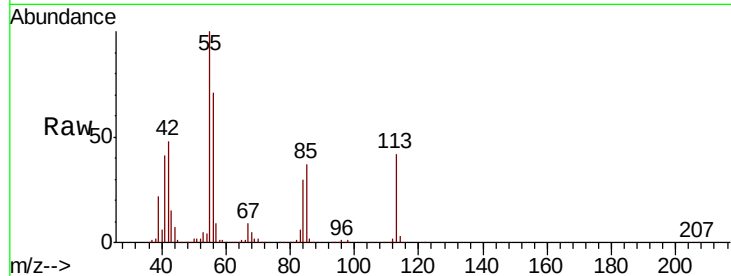
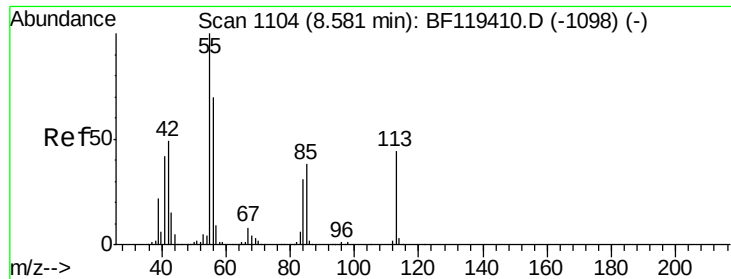
mohammad
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#34
Hexachlorobutadiene
Concen: 38.723 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		466253		
223	62.7	49.2	73.8		
227	66.2	51.1	76.7		





#35

Caprolactam

Concen: 40.397 ng/mL

RT: 8.57 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Tot Ion:	113	Resp:	257274
Ion Ratio	Lower	Upper	
113	100		
55	238.5	208.4	248.4
56	168.5	138.9	178.9

Instrument :

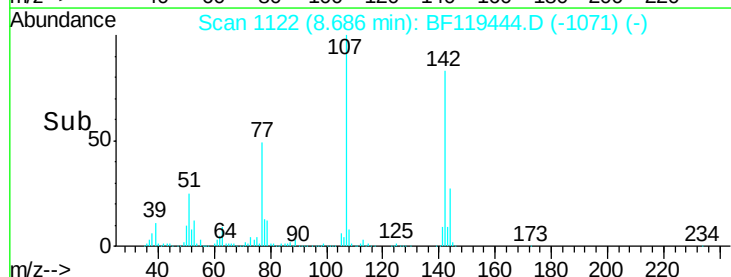
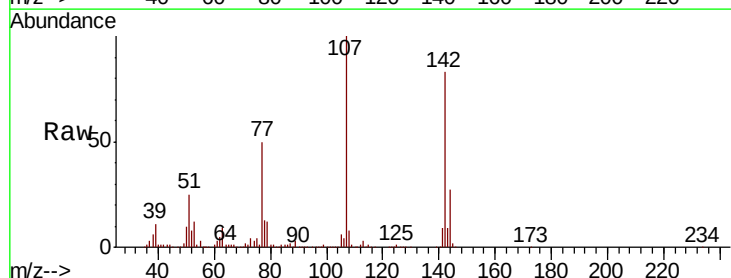
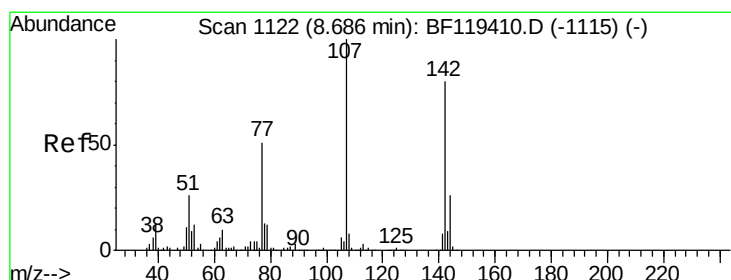
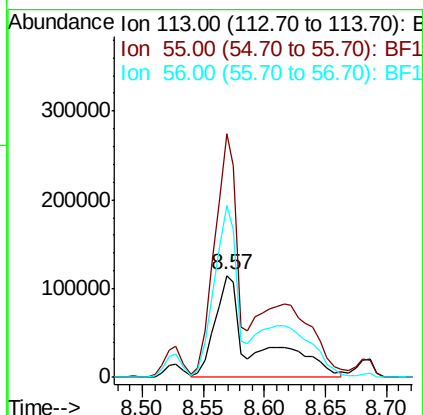
BNA_F

ClientSampleID :

PB127678BS

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#36

4-Chloro-3-methylphenol

Concen: 38.328 ng/mL

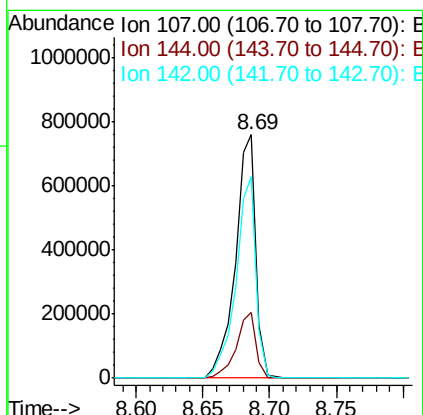
RT: 8.69 min Scan# 1122

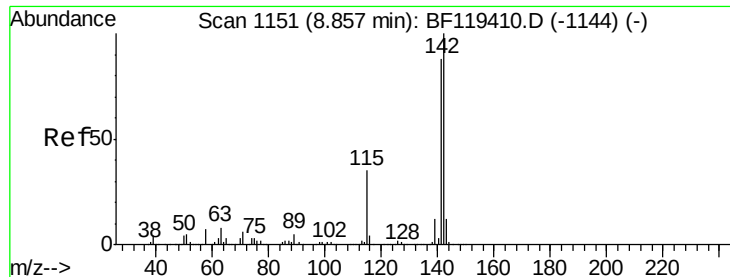
Delta R.T. 0.00 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Tgt Ion:	107	Resp:	815180
Ion Ratio	Lower	Upper	
107	100		
144	27.1	20.6	31.0
142	82.5	63.8	95.6





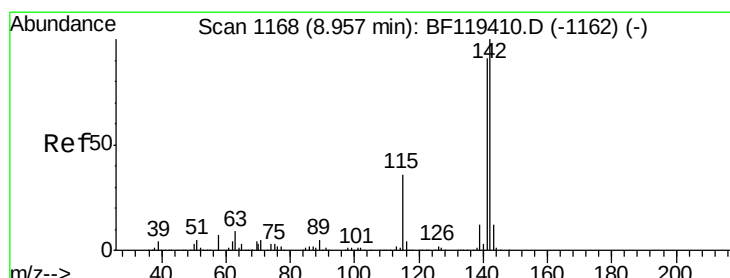
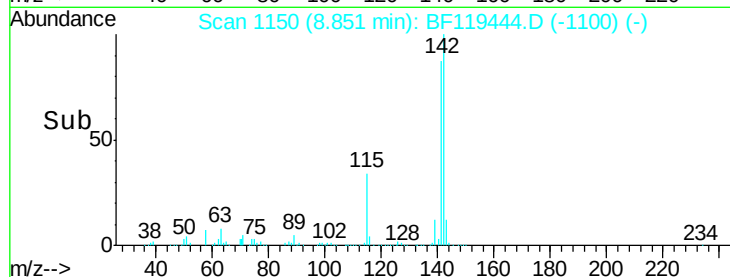
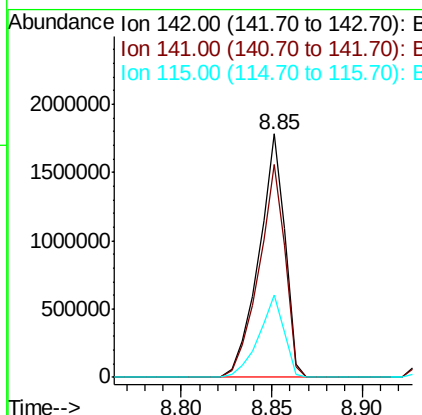
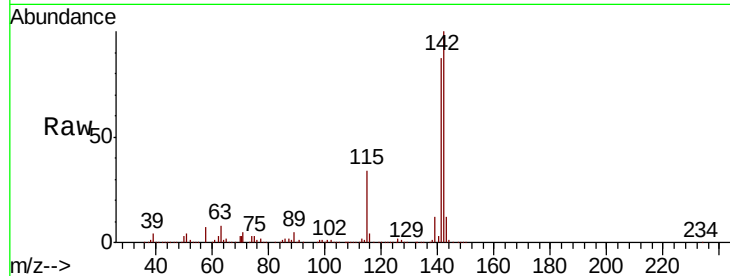
#37
2-Methylnaphthalene
Concen: 39.836 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Instrument :
BNA_F
ClientSampleId :
PB127678BS

Tot Ion:142 Resp: 1779773
Ion Ratio Lower Upper
142 100
141 87.5 70.4 105.6
115 34.0 27.8 41.6

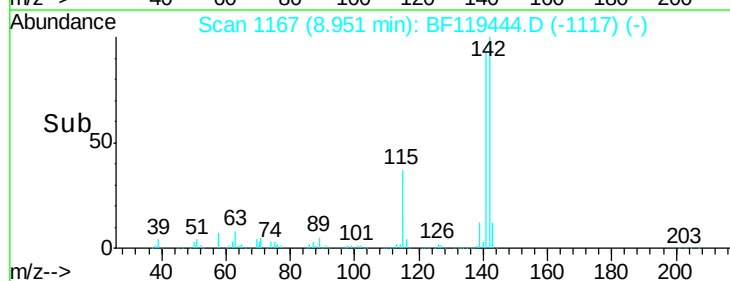
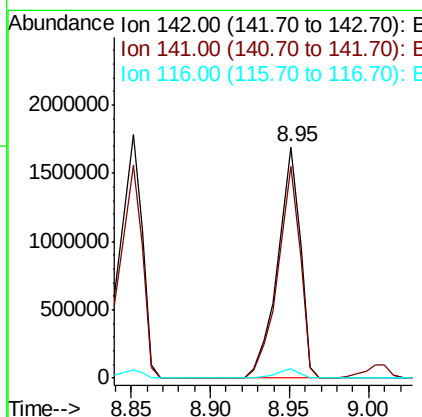
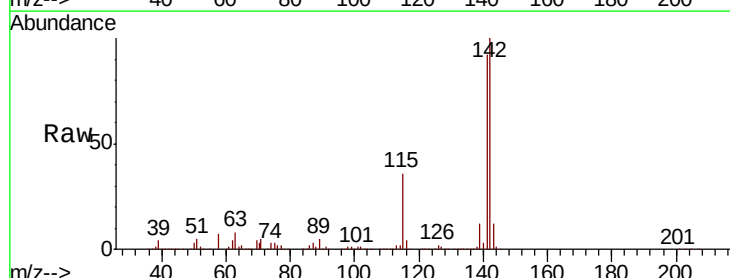
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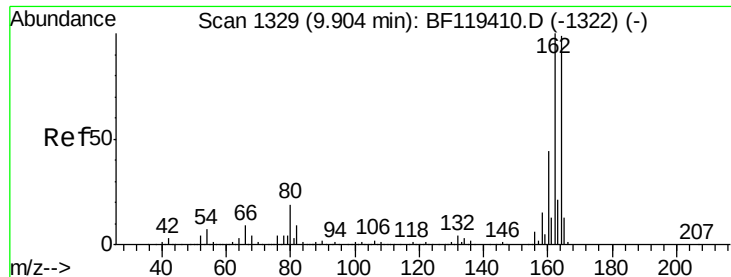
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#38
1-Methylnaphthalene
Concen: 39.556 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Tgt Ion:142 Resp: 1672752
Ion Ratio Lower Upper
142 100
141 91.9 73.1 109.7
116 3.8 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Instrument :

BNA_F

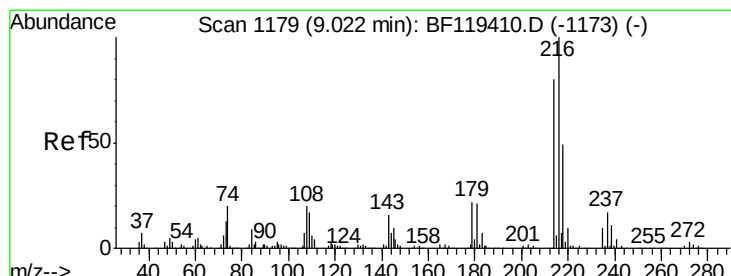
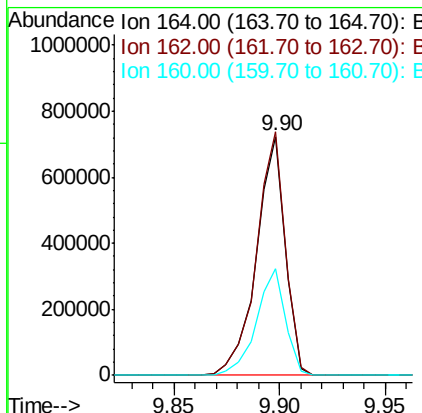
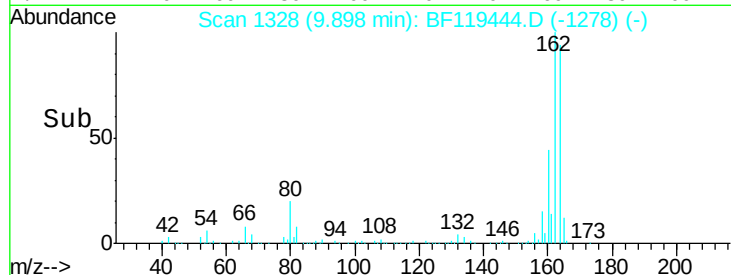
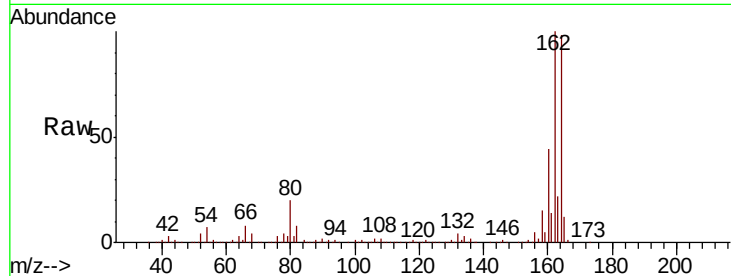
ClientSampleId :

PB127678BS

Tot Ion:	164	Resp:	689699
Ion Ratio	Lower	Upper	
164	100		
162	102.0	80.7	121.1
160	44.6	35.5	53.3

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.066 ng

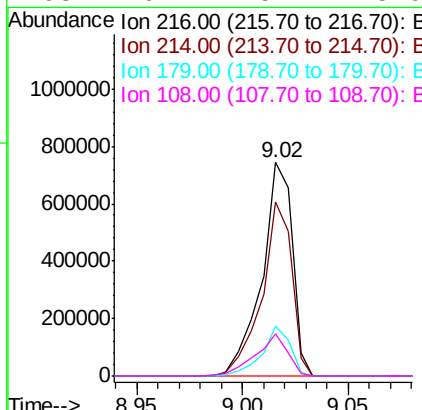
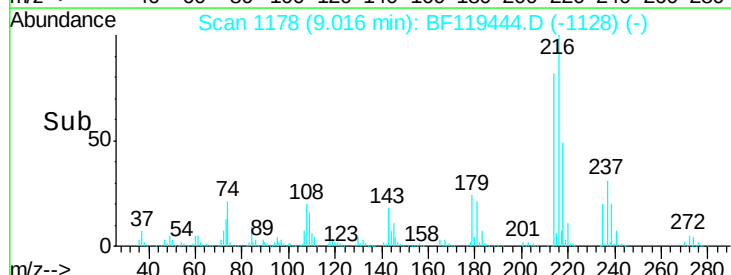
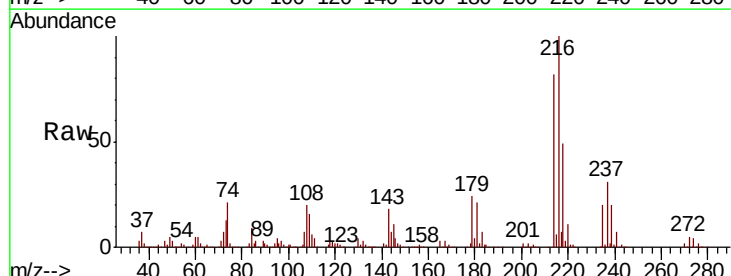
RT: 9.02 min Scan# 1178

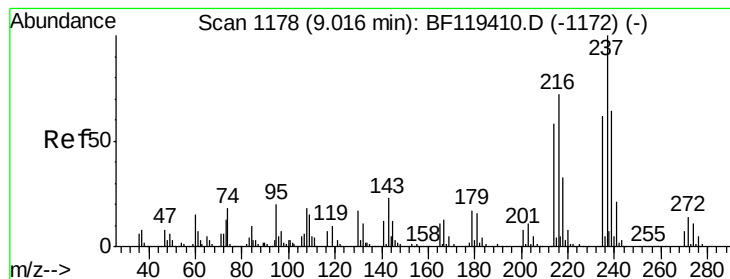
Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Tgt Ion:	216	Resp:	749314
Ion Ratio	Lower	Upper	
216	100		
214	80.0	63.0	94.6
179	21.6	17.0	25.4
108	20.4	15.4	23.0





#41

Hexachlorocyclopentadiene

Concen: 68.955 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Instrument :

BNA_F

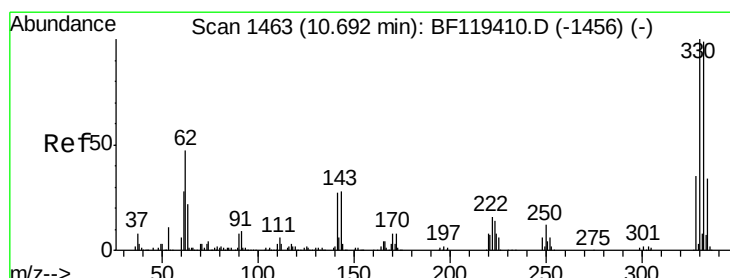
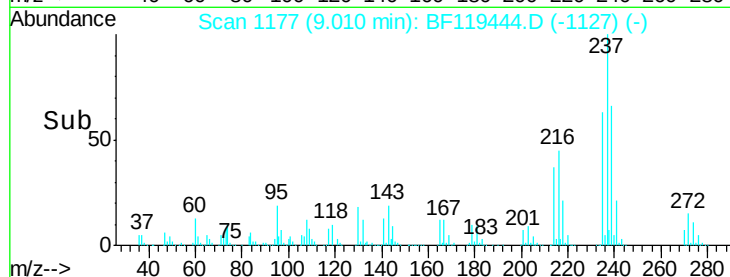
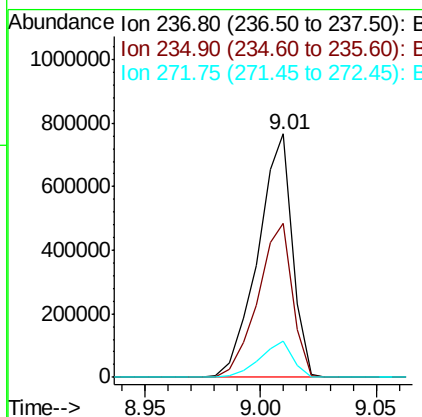
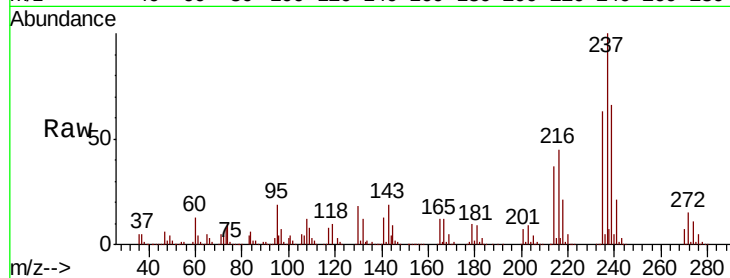
ClientSampleId :

PB127678BS

Tot Ion:	237	Resp:	792486
Ion Ratio	Lower	Upper	
237	100		
235	63.2	42.5	82.5
272	14.8	0.0	34.3

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#42

2,4,6-Tribromophenol

Concen: 109.075 ng

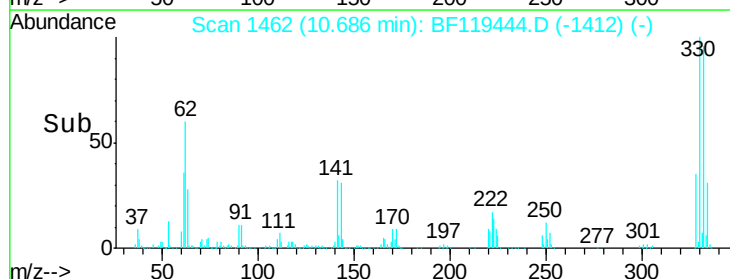
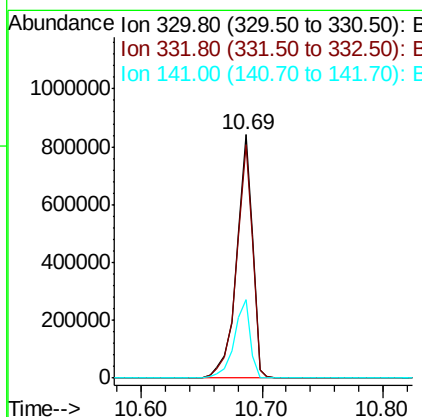
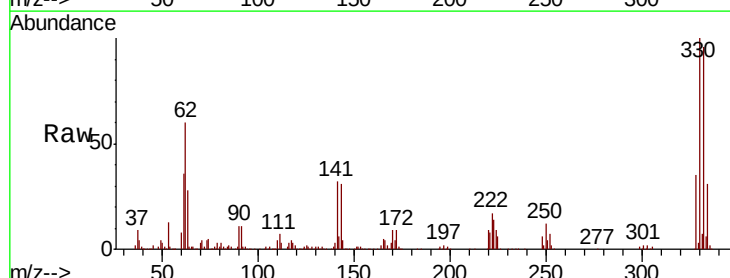
RT: 10.69 min Scan# 1462

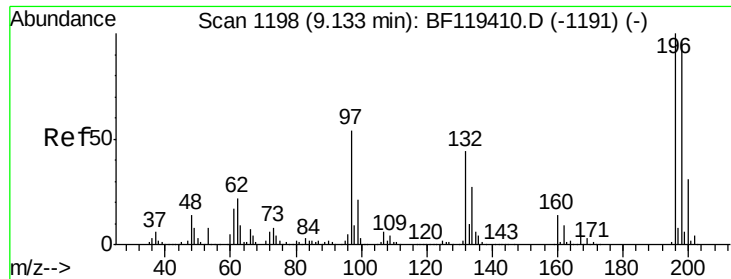
Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Tgt Ion:	330	Resp:	776108
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.6	116.4
141	32.5	26.6	40.0





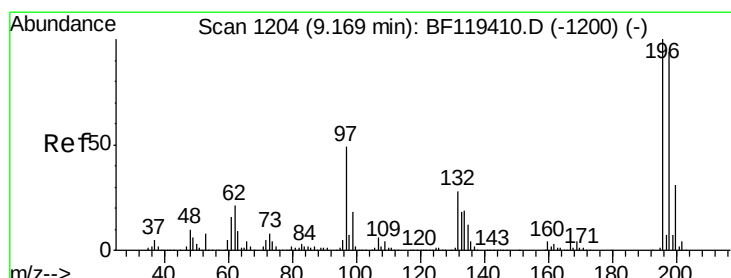
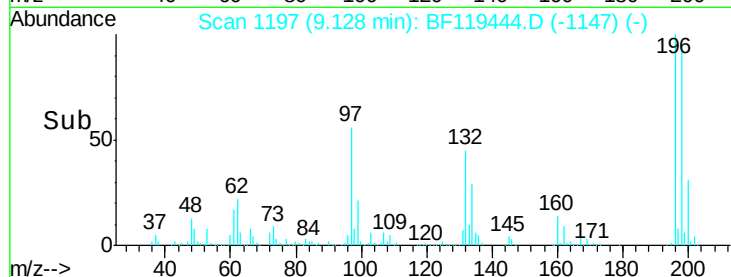
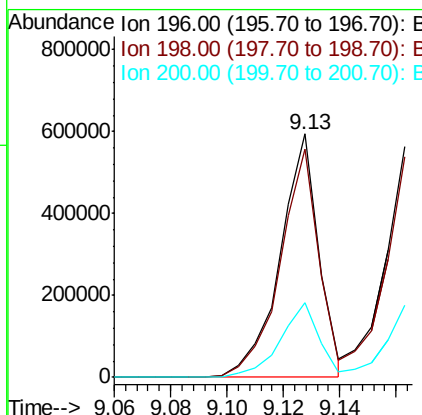
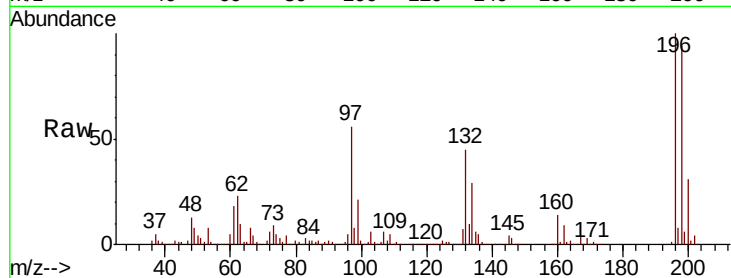
#43
 2,4,6-Trichlorophenol
 Concen: 38.957 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

Instrument :
 BNA_F
 ClientSampled :
 PB127678BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	563575		
198	93.7	77.0	115.4	
200	30.7	25.1	37.7	

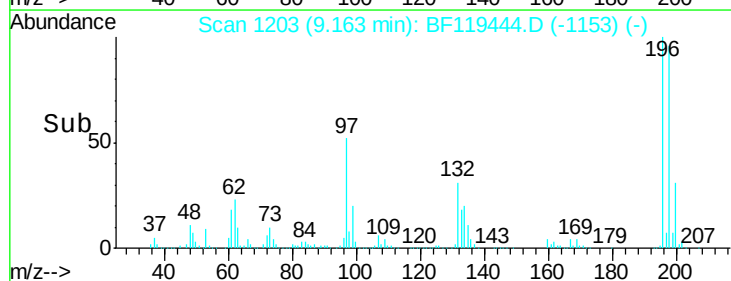
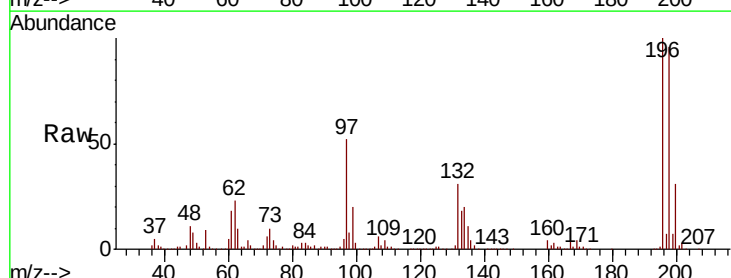
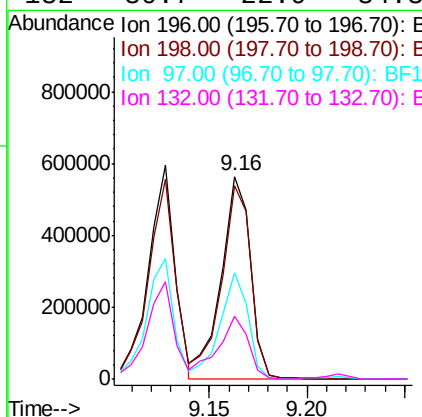
Manual Integrations
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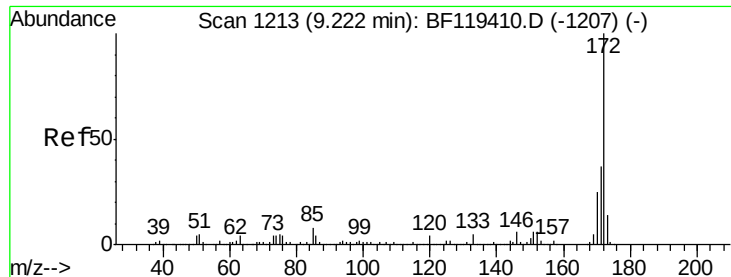
mohammad
 3/20/2020 11:47:22 AM



#44
 2,4,5-Trichlorophenol
 Concen: 36.189 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	586479		
198	95.6	75.3	112.9	
97	52.5	39.0	58.4	
132	30.7	22.9	34.3	





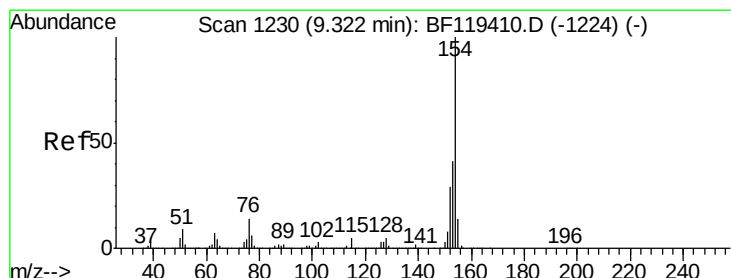
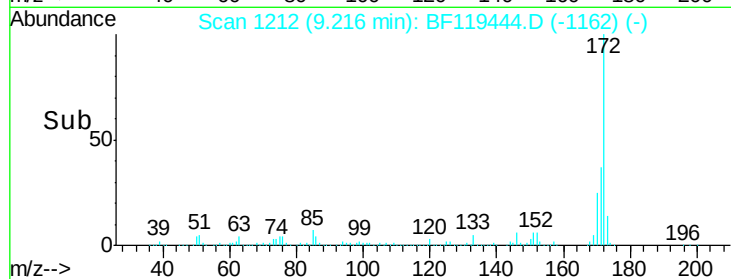
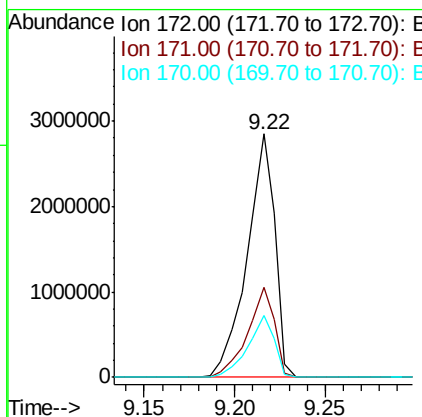
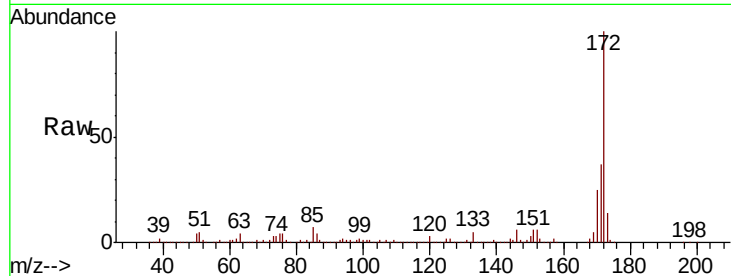
#45
2-Fluorobiphenyl
Concen: 64.923 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Instrument :
BNA_F
ClientSampleId :
PB127678BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.9	44.9
170	25.3	20.1	30.1

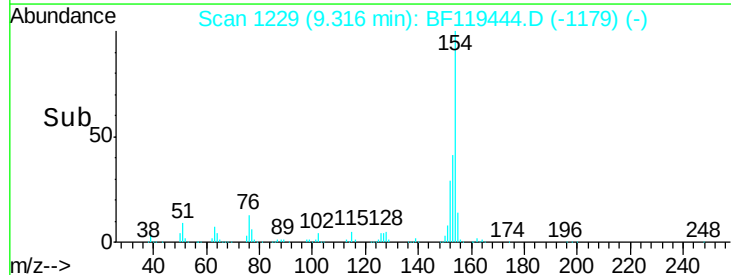
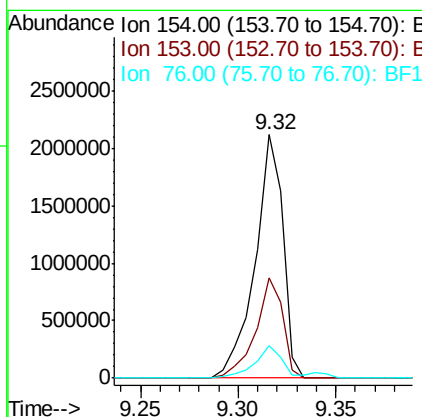
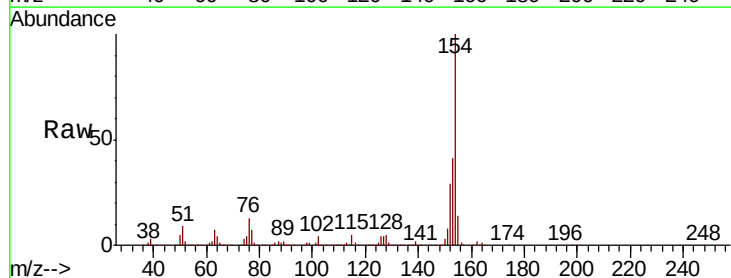
Manual Integrations
APPROVED

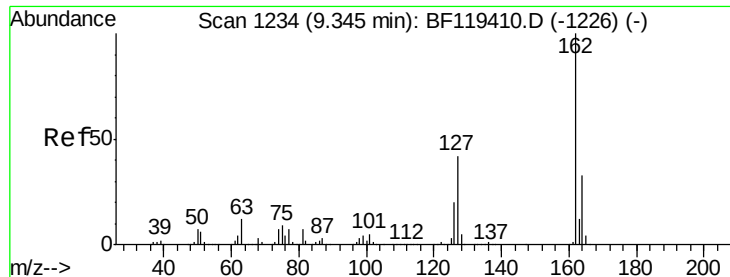
mohammad
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#46
1,1'-Biphenyl
Concen: 37.270 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.4	61.4
76	13.4	0.0	33.6





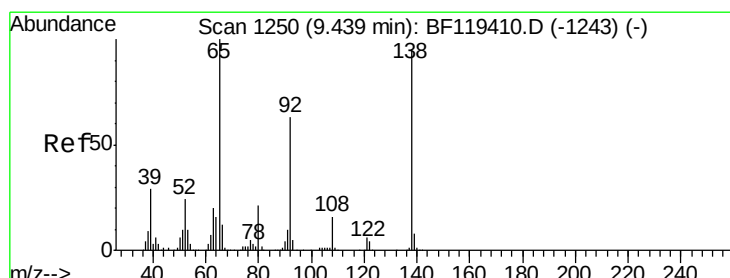
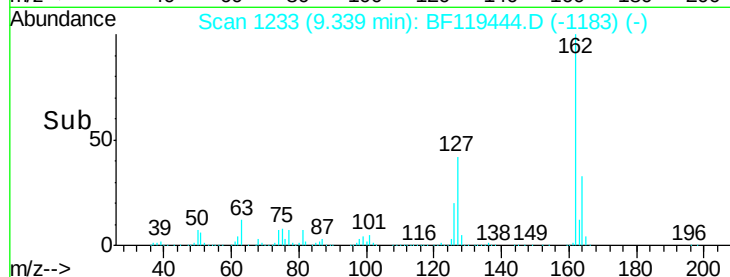
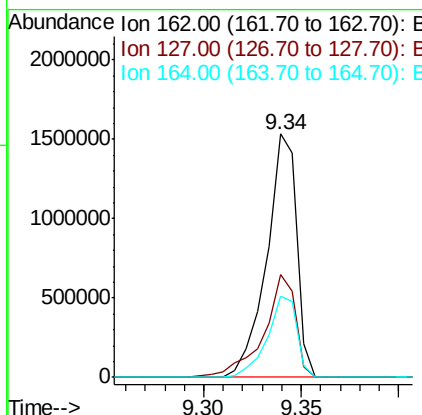
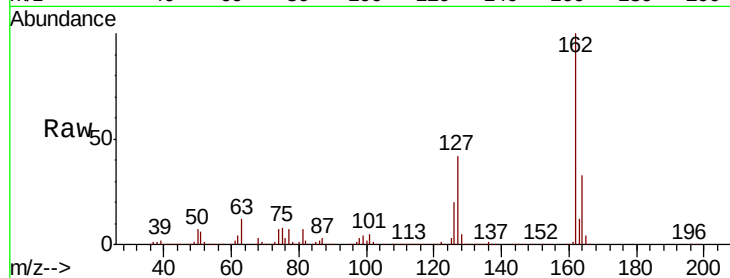
#47
 2-Chloronaphthalene
 Concen: 37.157 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

Instrument :
 BNA_F
 ClientSampleId :
 PB127678BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.7	50.5
164	33.3	26.2	39.4

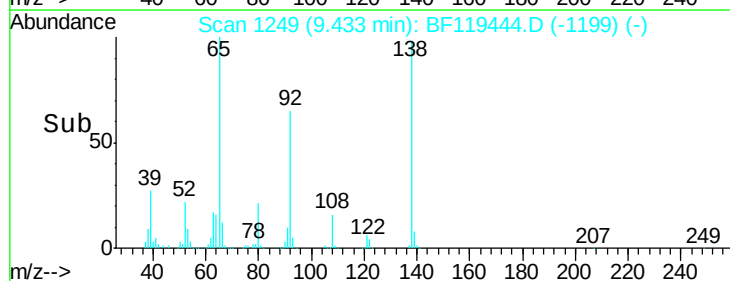
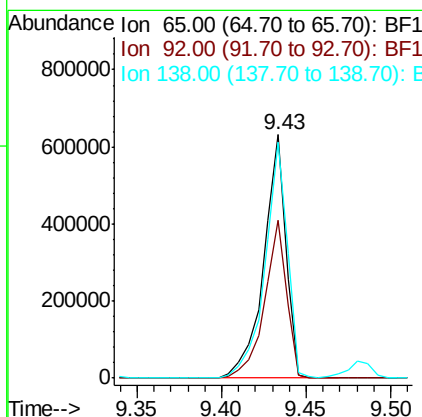
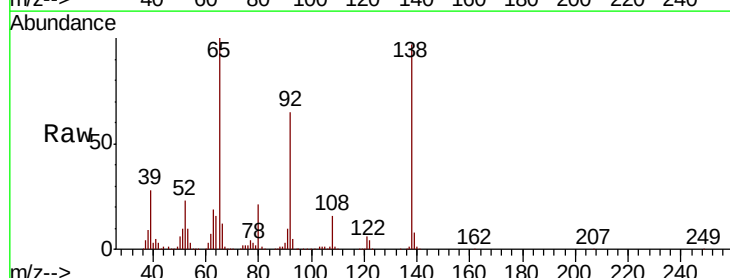
Manual Integrations
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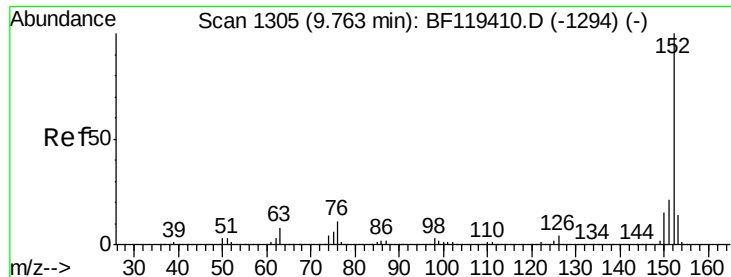
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#48
 2-Nitroaniline
 Concen: 37.751 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.9	50.5	75.7
138	97.1	75.8	113.8





#49

Acenaphthylene

Concen: 37.473 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Instrument :

BNA_F

ClientSampleId :

PB127678BS

Tot Ion:152 Resp: 2589266

Ion Ratio Lower Upper

152 100

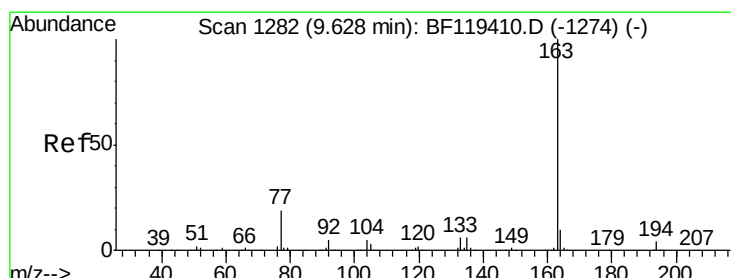
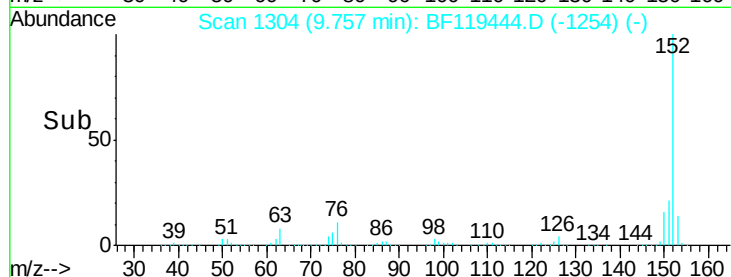
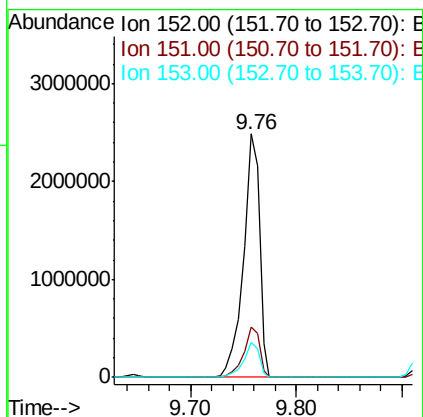
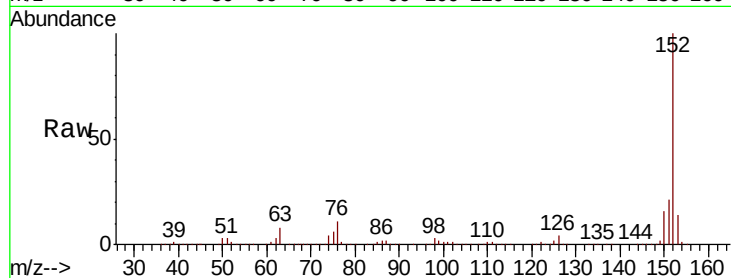
151 20.7 16.8 25.2

153 14.2 11.2 16.8

Manual Integrations
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#50

Dimethylphthalate

Concen: 38.005 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

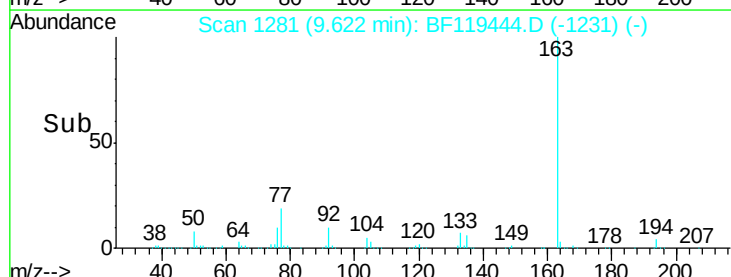
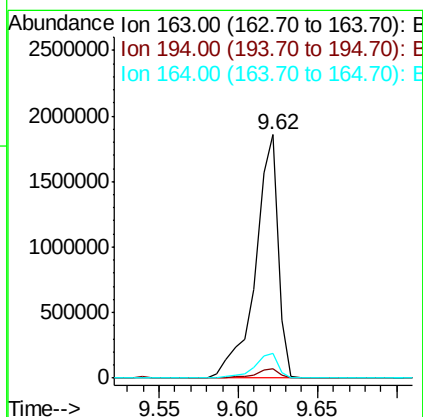
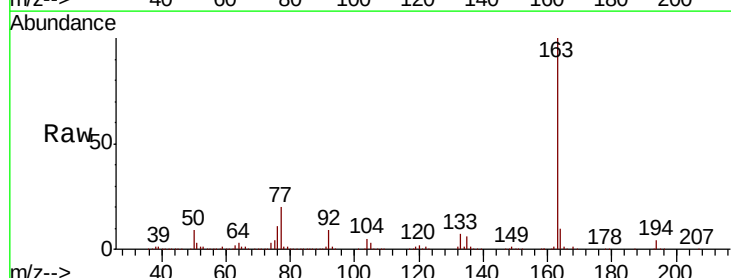
Tgt Ion:163 Resp: 1861839

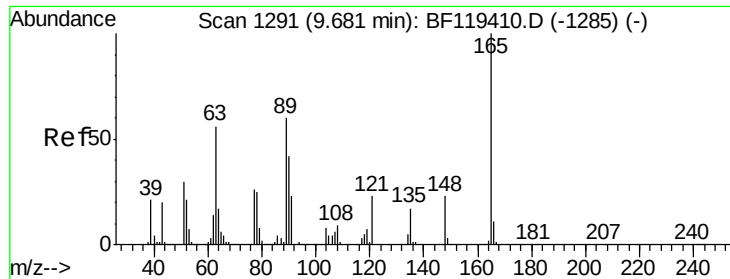
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.2 8.1 12.1





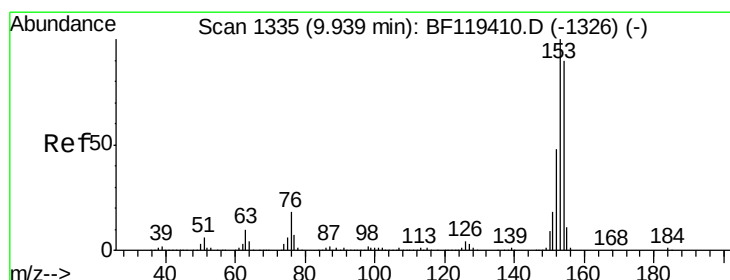
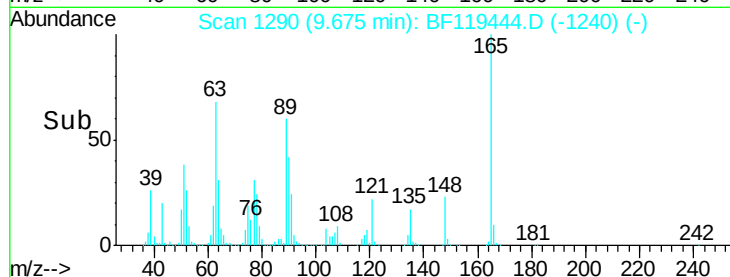
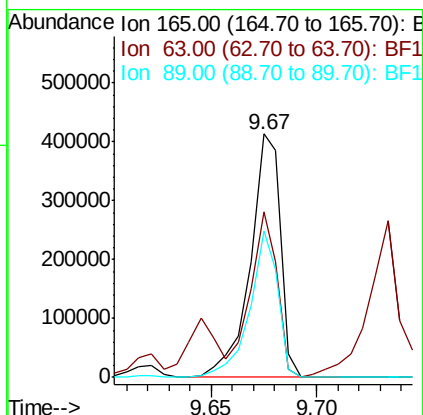
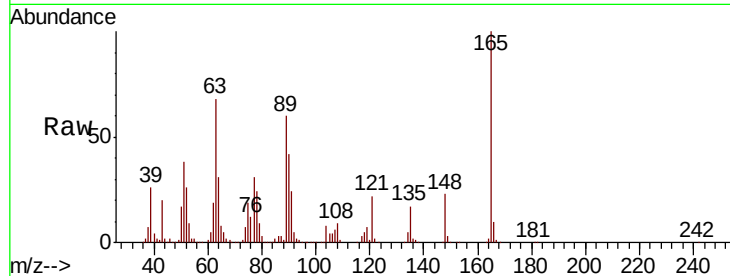
#51
2,6-Dinitrotoluene
Concen: 39.225 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Instrument :
BNA_F
ClientSampleId :
PB127678BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	411885		
63	68.2	57.3	85.9	
89	60.3	47.8	71.8	

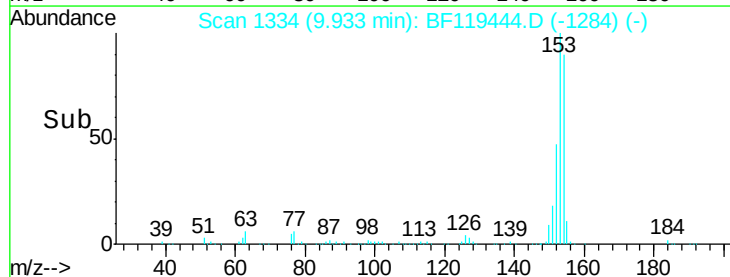
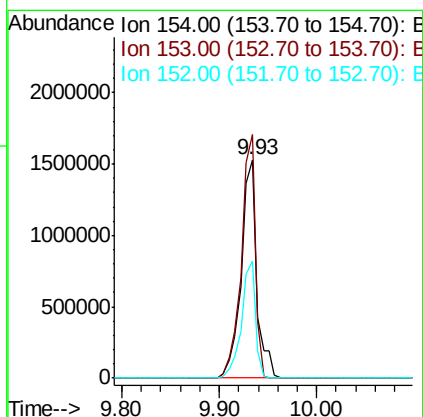
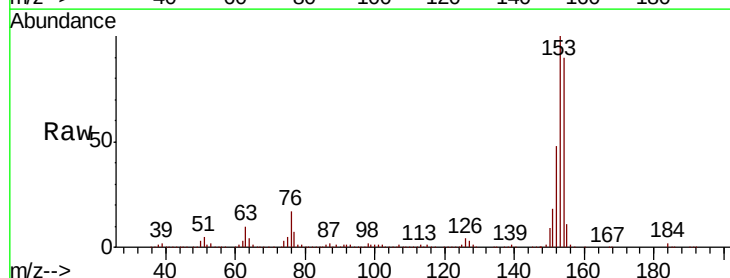
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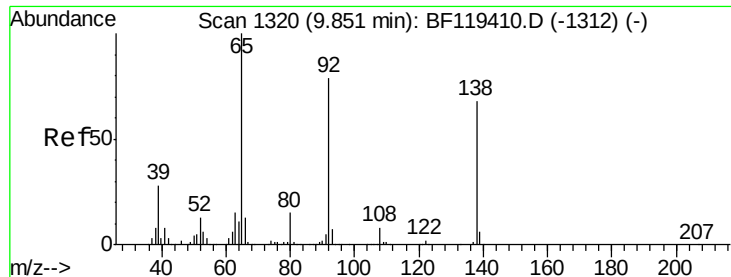
mohammad
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#52
Acenaphthene
Concen: 39.510 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1701926		
153	111.5	89.0	133.6	
152	53.5	43.1	64.7	





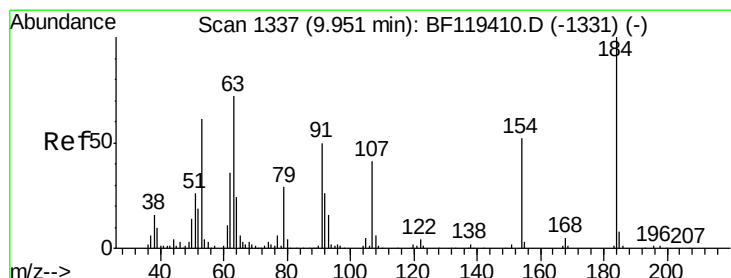
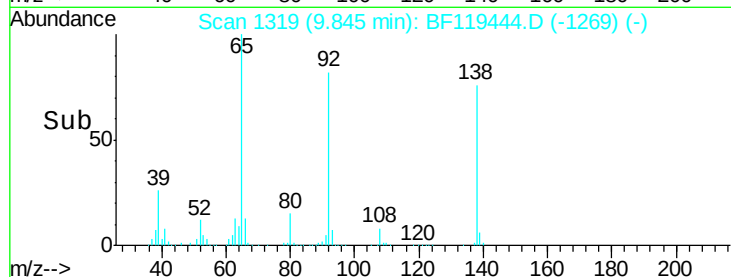
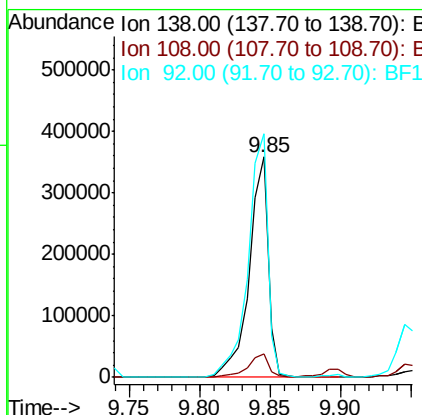
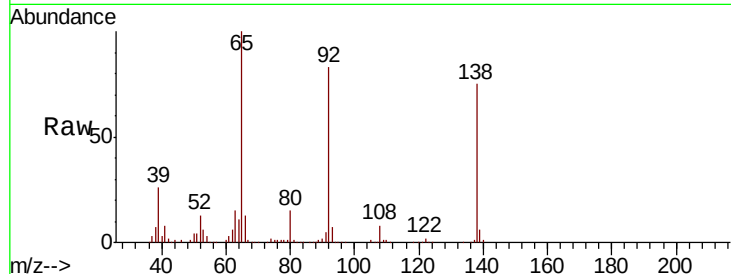
#53
3-Nitroaniline
Concen: 25.728 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Instrument :
BNA_F
ClientSampleId :
PB127678BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.0	13.6
92	110.6	93.2	139.8

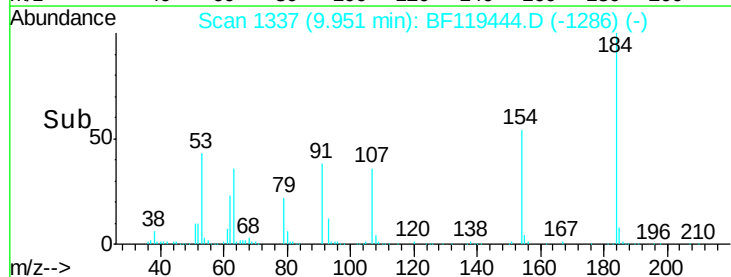
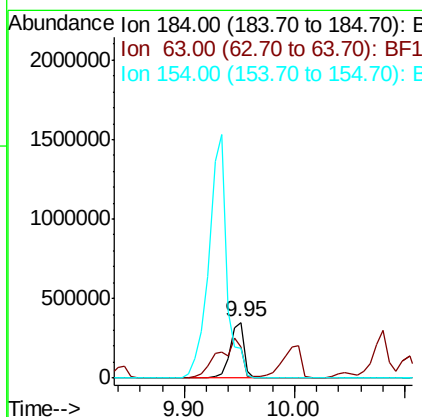
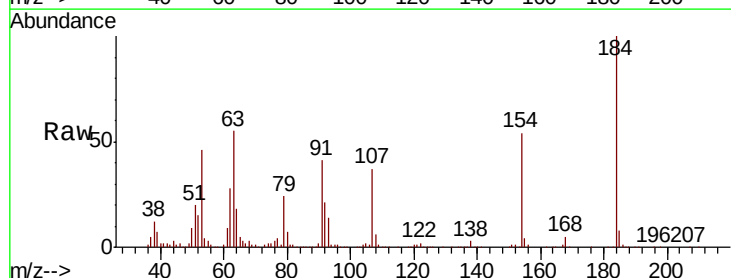
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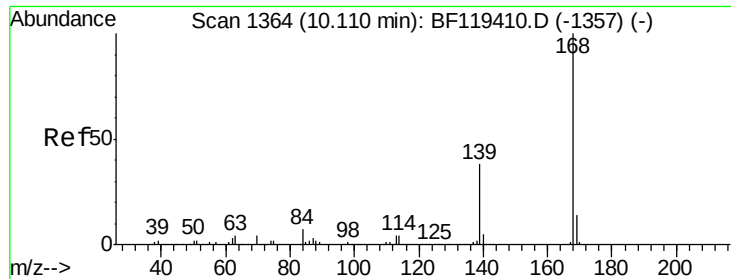
mohammad
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#54
2,4-Dinitrophenol
Concen: 70.011 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.4	58.5	87.7#
154	54.2	51.8	77.6





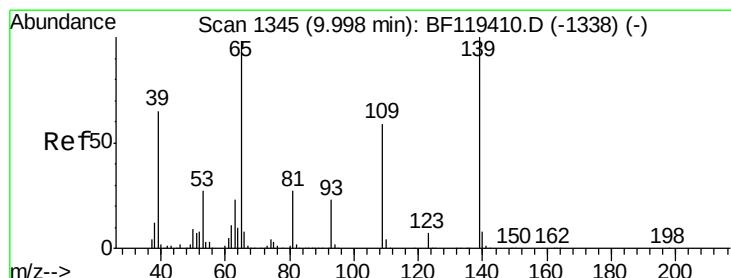
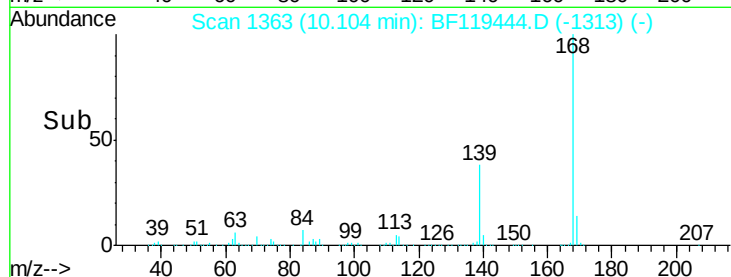
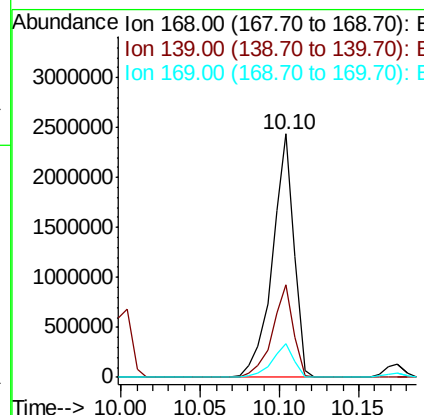
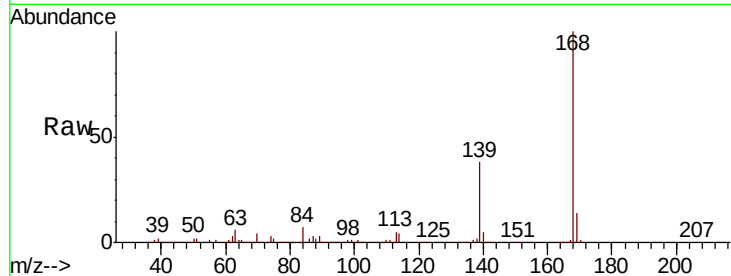
#55
Dibenzofuran
Concen: 37.621 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Instrument :
BNA_F
ClientSampleId :
PB127678BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.2	45.4
169	14.0	11.1	16.7

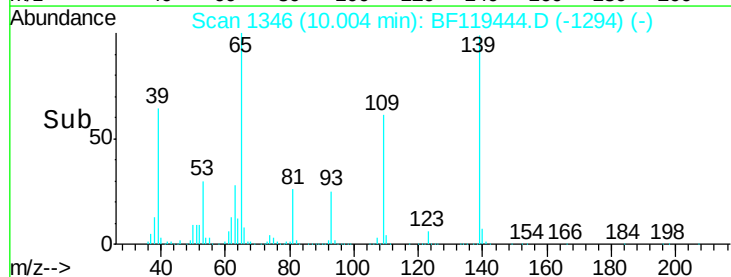
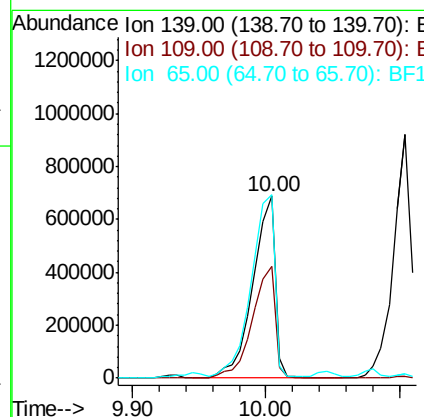
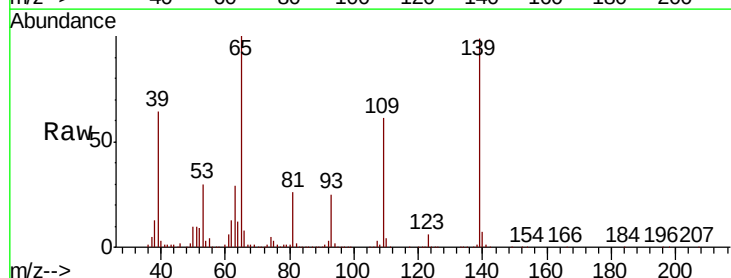
Manual Integrations
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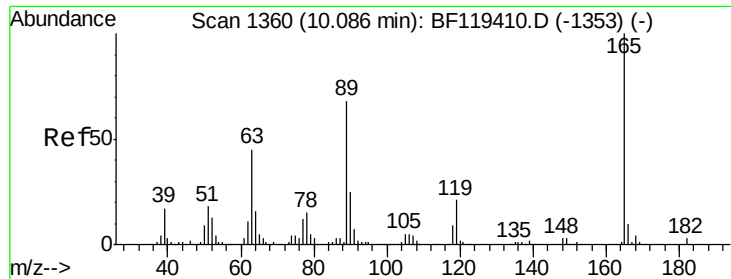
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#56
4-Nitrophenol
Concen: 74.933 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.8	39.6	79.6
65	101.3	78.3	118.3





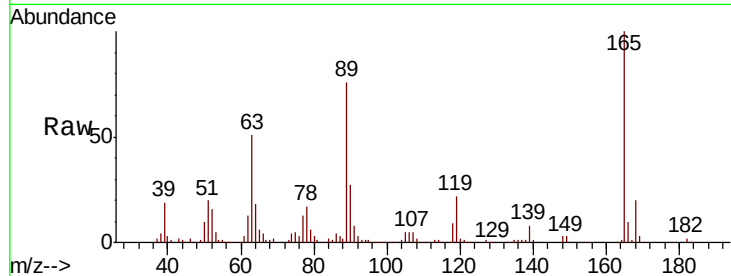
#57
2,4-Dinitrotoluene
Concen: 40.166 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Instrument :
BNA_F
ClientSampleId :
PB127678BS

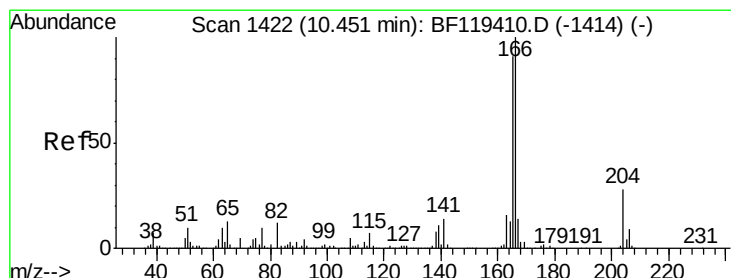
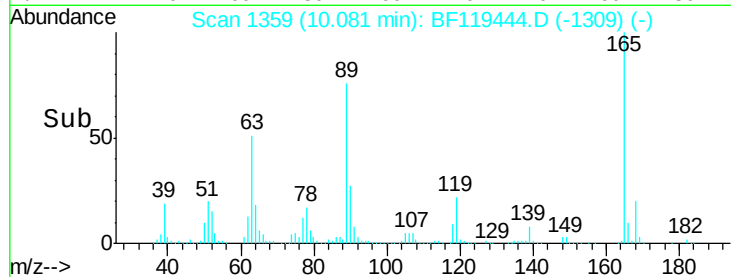
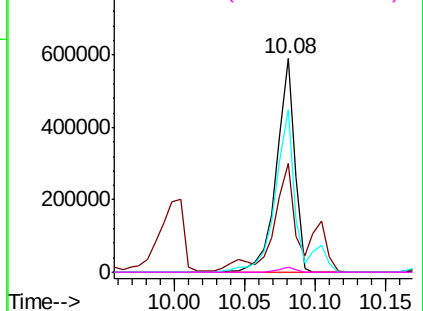
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		531309		
63	50.8	36.2		54.4	
89	75.9	54.3		81.5	
182	2.4	2.0		3.0	

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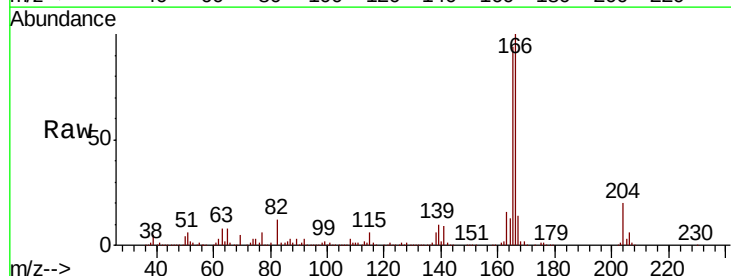


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

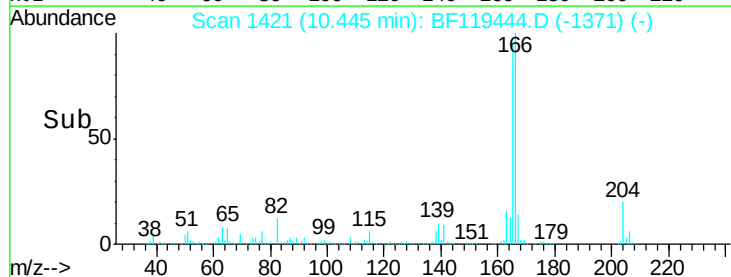
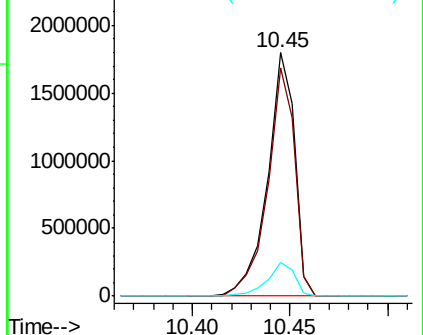


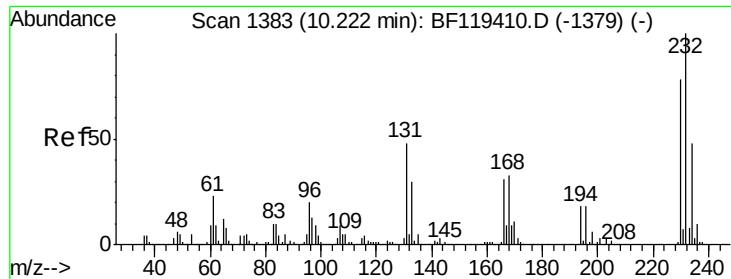
#58
Fluorene
Concen: 37.942 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1732835		
165	93.5	73.1		109.7	
167	13.9	11.0		16.6	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





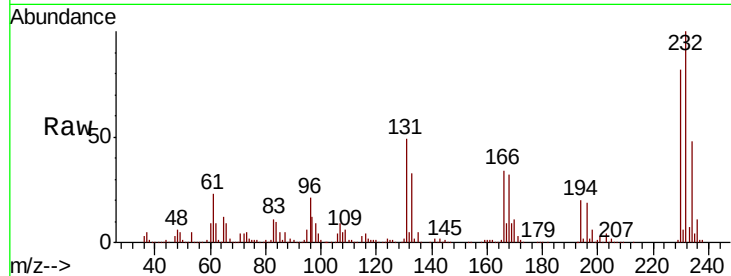
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.002 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

Instrument :
 BNA_F
 ClientSampleId :
 PB127678BS

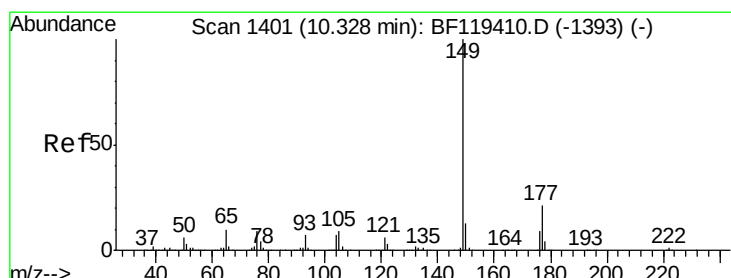
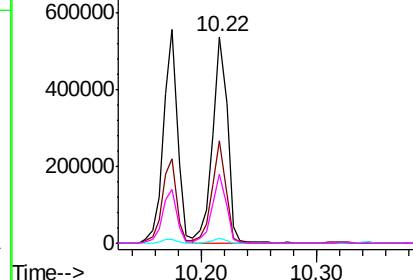
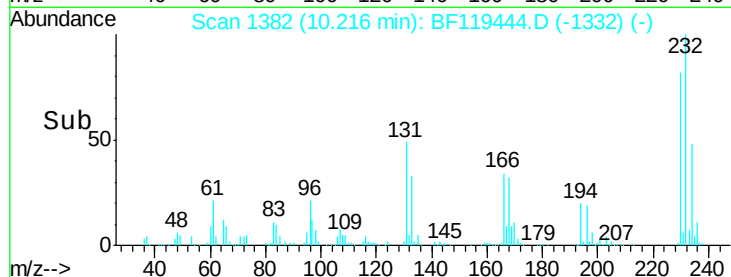
Tot Ion	Ratio	Lower	Upper
232	100		
131	46.2	36.3	54.5
130	2.2	1.8	2.6
166	31.6	24.9	37.3

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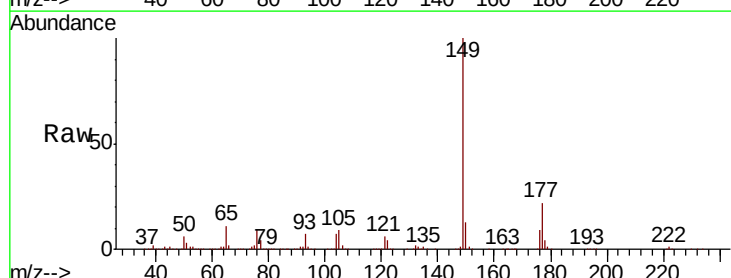


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

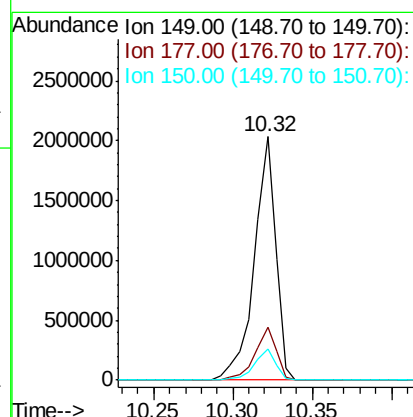
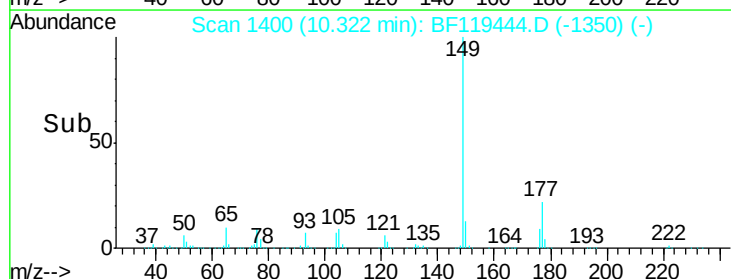


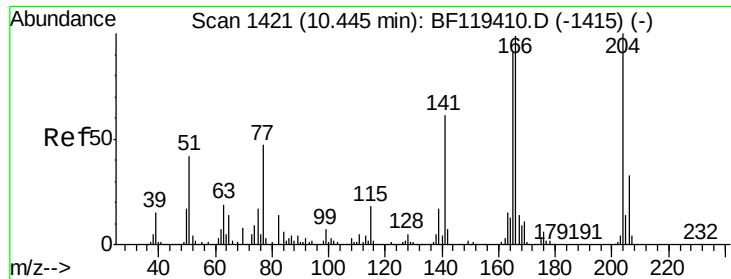
#60
 Diethylphthalate
 Concen: 38.281 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.0	25.6
150	12.9	10.2	15.4



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





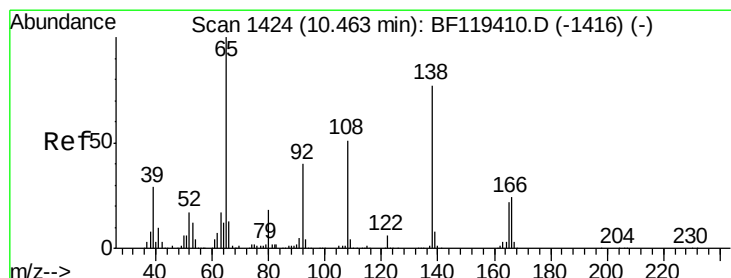
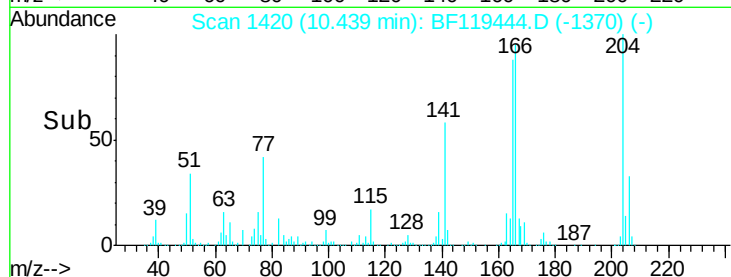
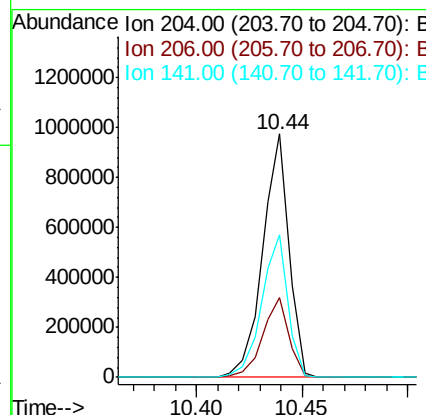
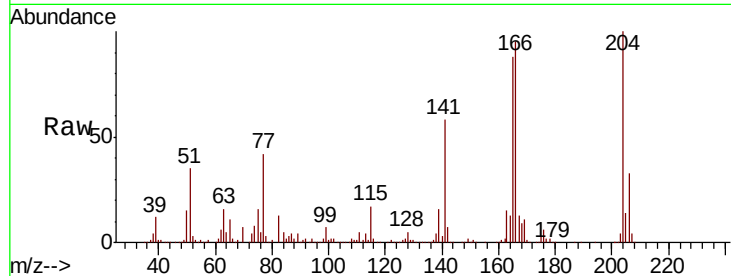
#61
 4-Chlorophenyl-phenylether
 Concen: 37.898 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

Instrument :
 BNA_F
 ClientSampleId :
 PB127678BS

Tot Ion:	204	Resp:	846395
Ion Ratio	Lower	Upper	
204	100		
206	32.5	26.7	40.1
141	58.4	48.8	73.2

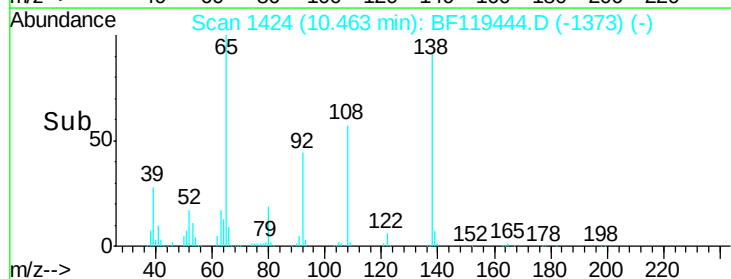
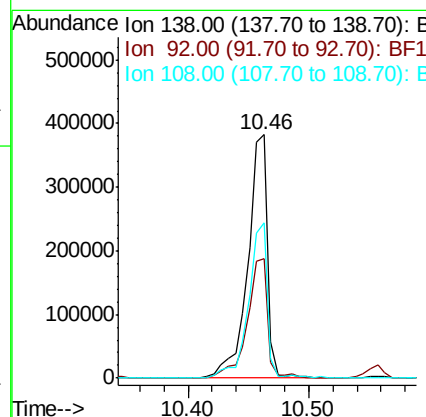
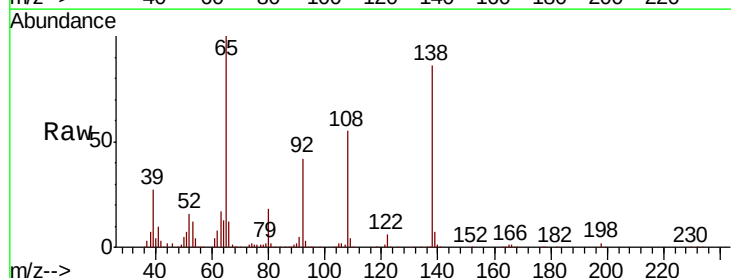
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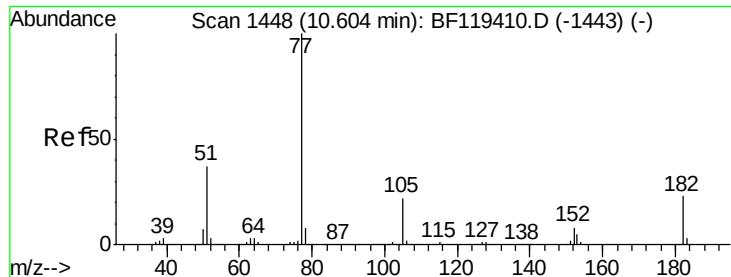
mohammad
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#62
 4-Nitroaniline
 Concen: 34.359 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

Tgt Ion:	138	Resp:	436793
Ion Ratio	Lower	Upper	
138	100		
92	48.8	32.0	72.0
108	63.6	46.0	86.0





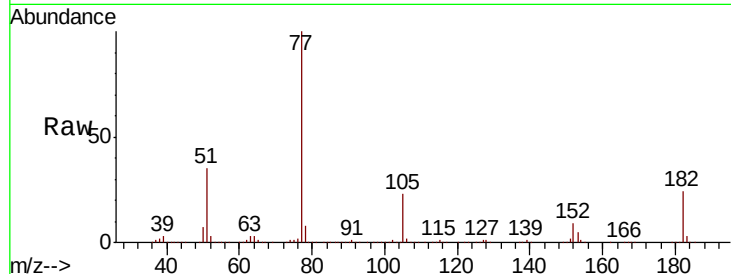
#63
Azobenzene
Concen: 37.387 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Instrument :
BNA_F
ClientSampleId :
PB127678BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.9	2.5	42.5
105	22.9	2.5	42.5
51	34.8	17.1	57.1

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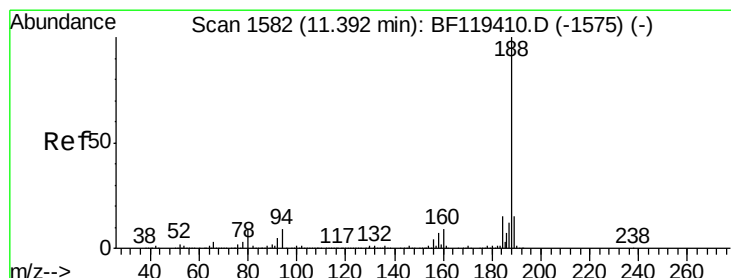
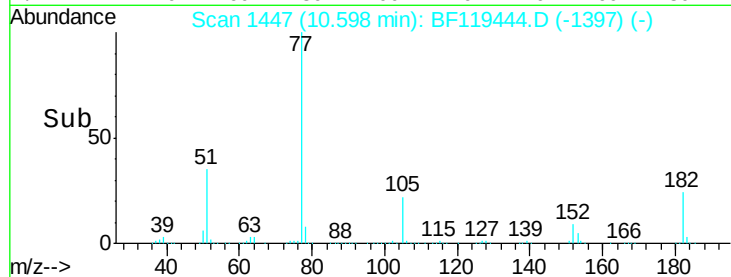
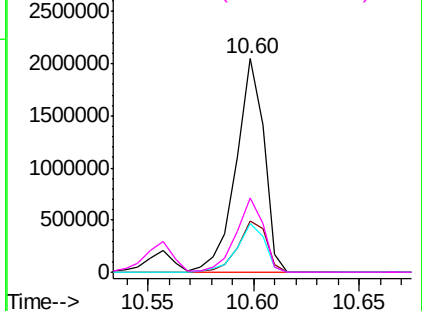
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

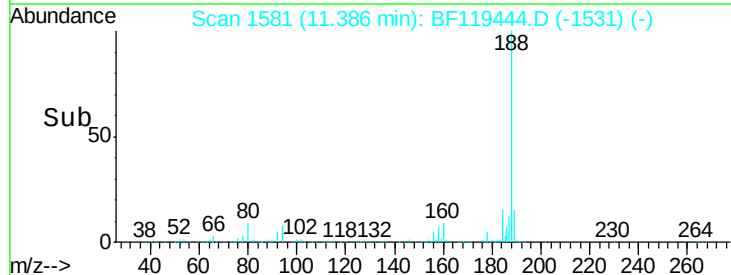
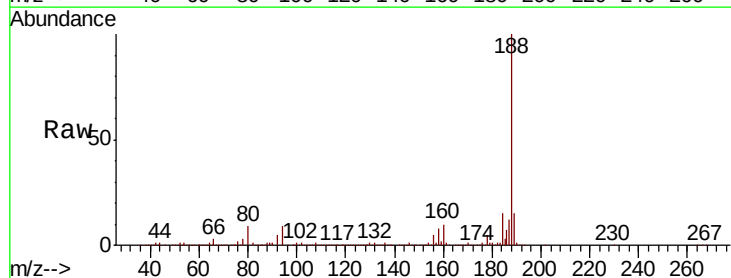
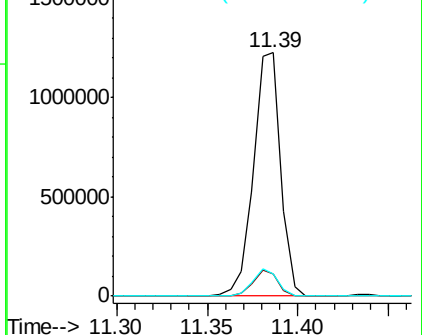
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.1	10.7
80	9.2	7.5	11.3

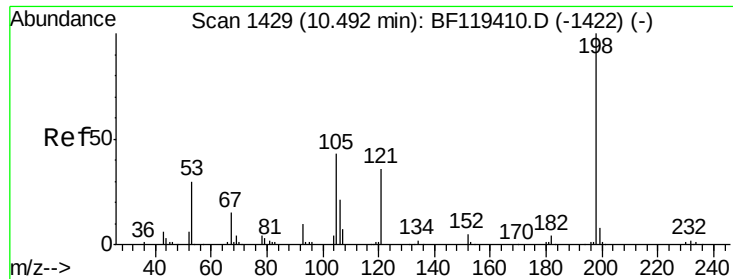
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





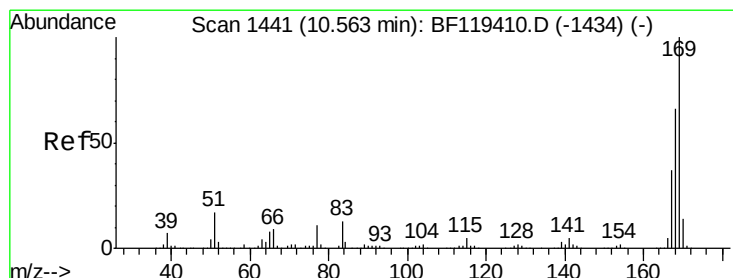
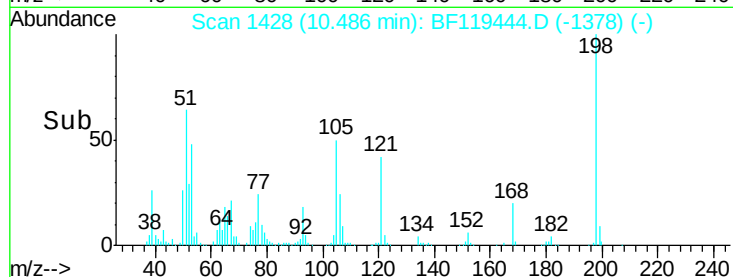
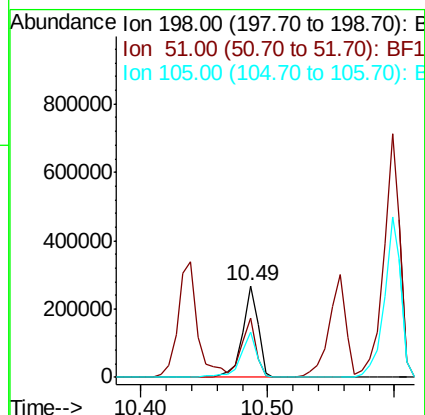
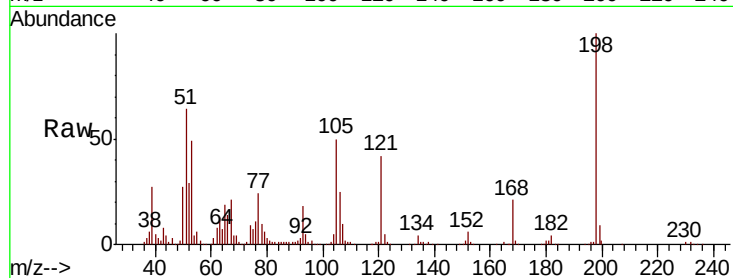
#65
4,6-Dinitro-2-methylphenol
Concen: 41.908 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Instrument :
BNA_F
ClientSampleId :
PB127678BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	223689		
51	63.9		33.1	73.1
105	49.8		24.1	64.1

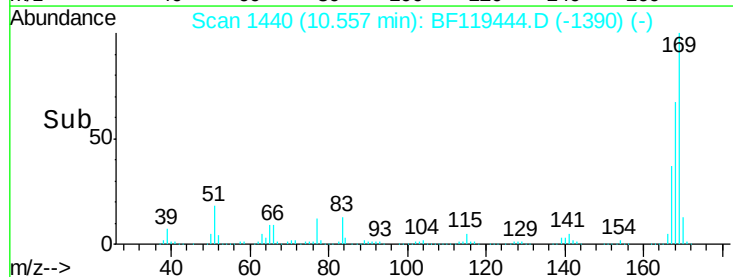
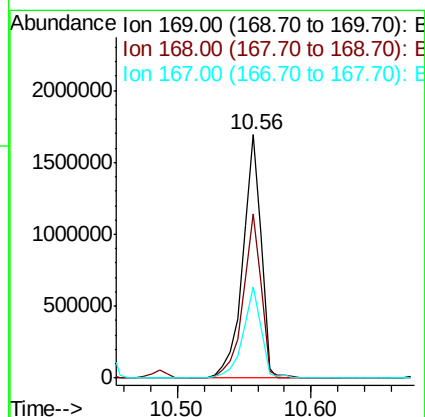
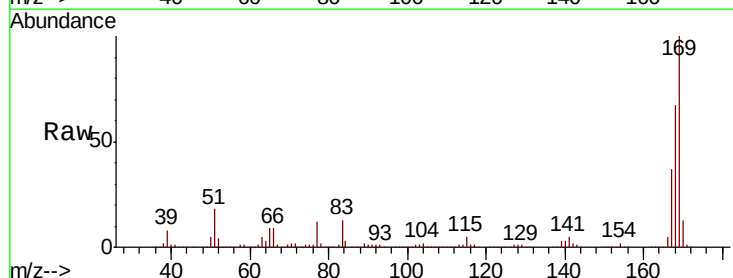
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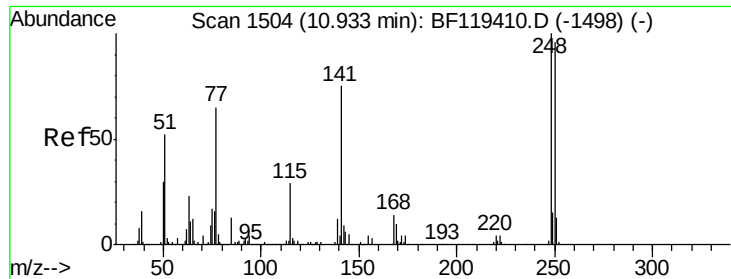
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#66
n-Nitrosodiphenylamine
Concen: 38.326 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1601543		
168	67.4		52.7	79.1
167	37.3		29.3	43.9





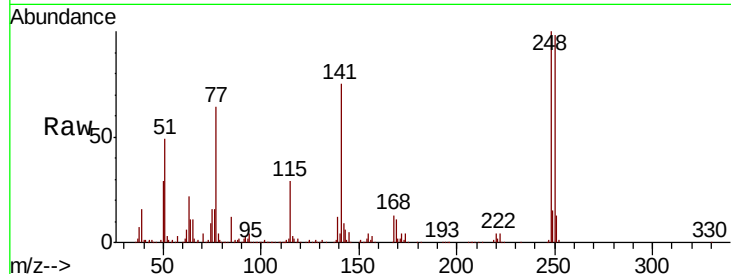
#67
4-Bromophenyl-phenylether
Concen: 37.774 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Instrument :
BNA_F
ClientSampleId :
PB127678BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.0	115.6
141	75.1	59.7	89.5

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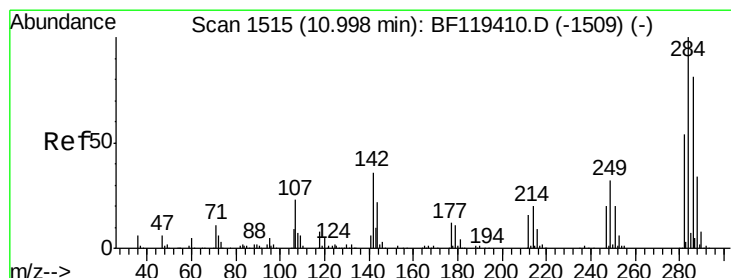
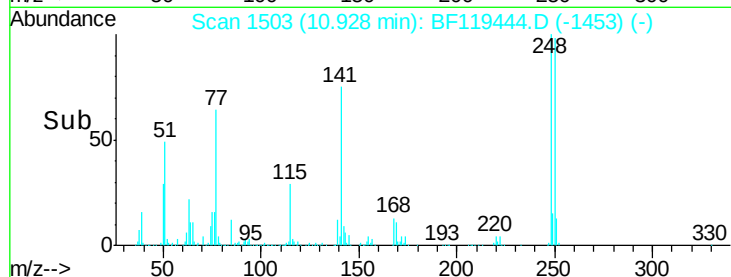
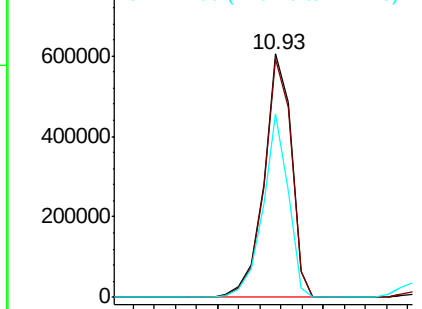


Abundance

Ion 248.00 (247.70 to 248.70): E

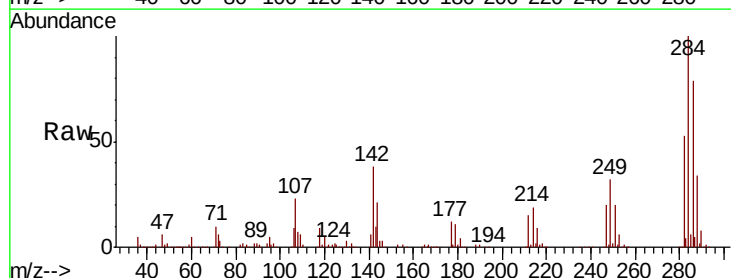
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.420 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.5	28.7	43.1
249	31.7	25.4	38.0

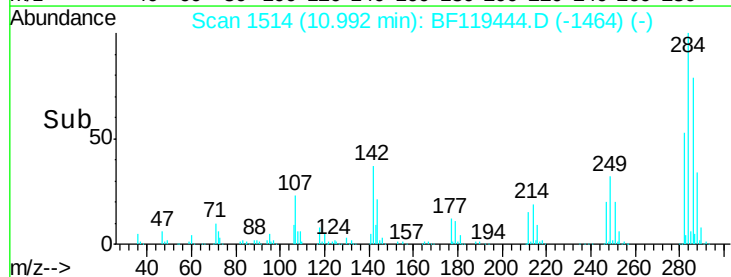
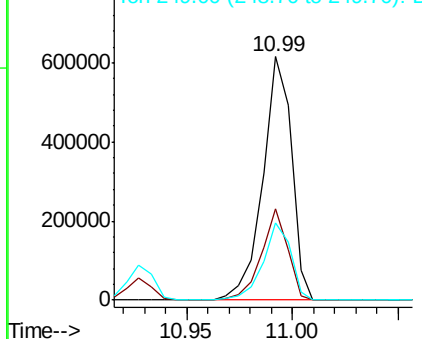


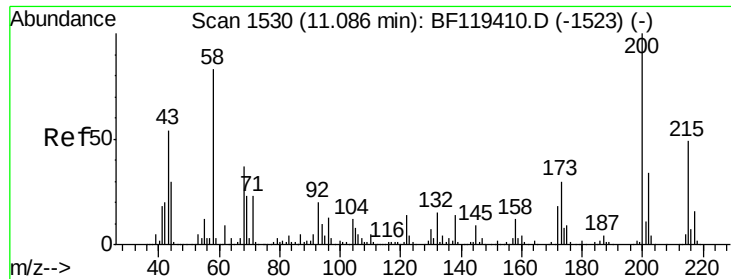
Abundance

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





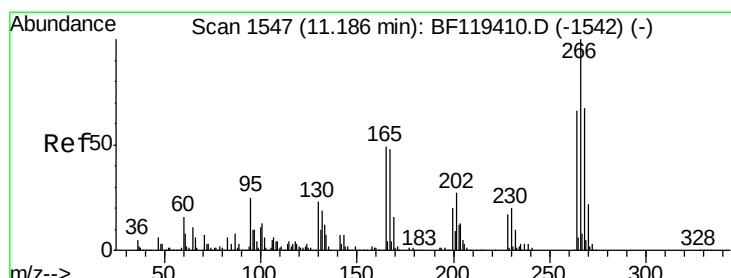
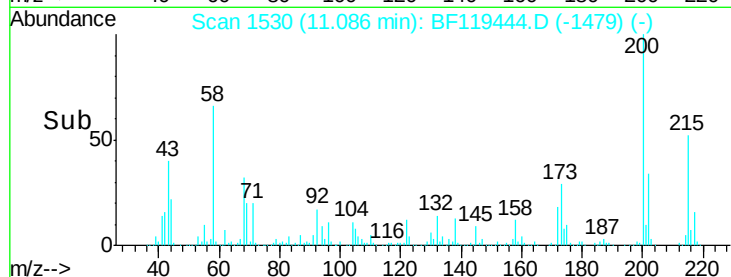
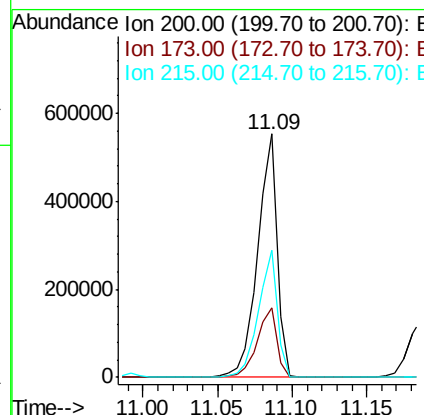
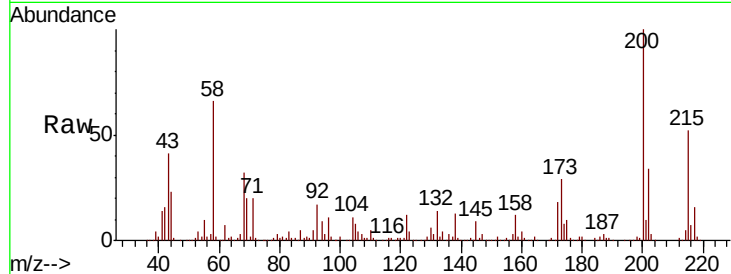
#69
Atrazine
Concen: 43.329 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Instrument :
BNA_F
ClientSampleId :
PB127678BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.8	9.9	49.9
215	52.1	29.4	69.4

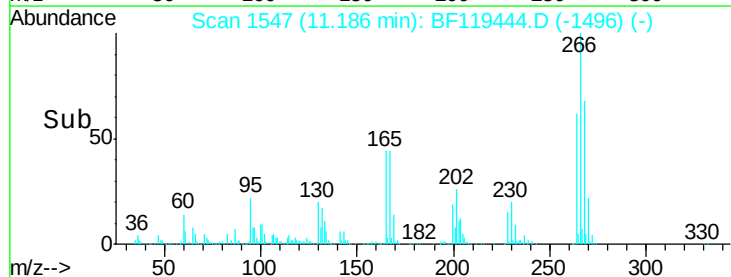
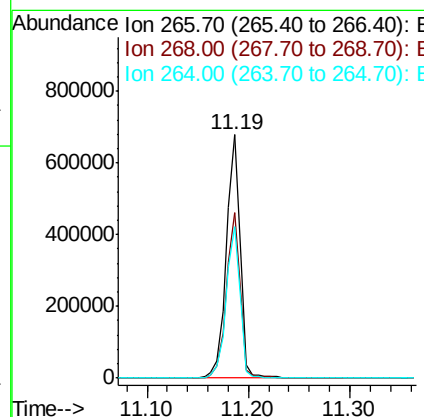
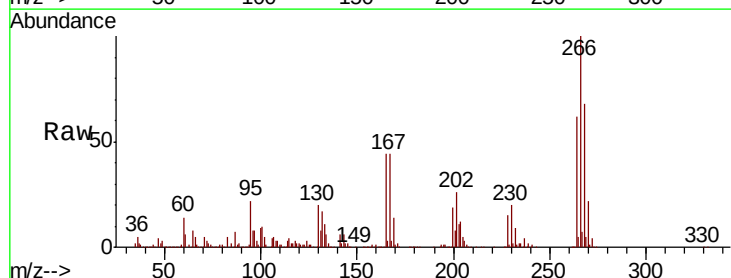
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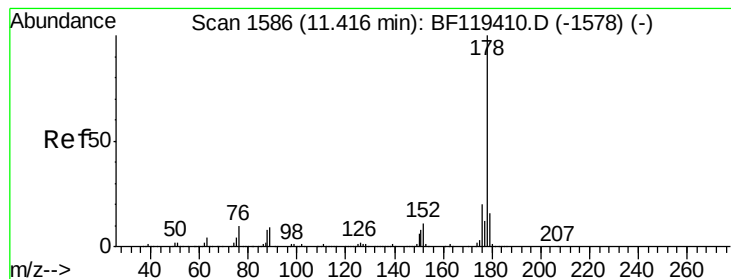
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#70
Pentachlorophenol
Concen: 73.882 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	68.2	53.7	80.5
264	62.0	52.5	78.7





#71

Phenanthrene

Concen: 38.026 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Instrument :

BNA_F

ClientSampleId :

PB127678BS

Tot Ion:178 Resp: 2509861

Ion Ratio Lower Upper

178 100

176 20.5 16.2 24.4

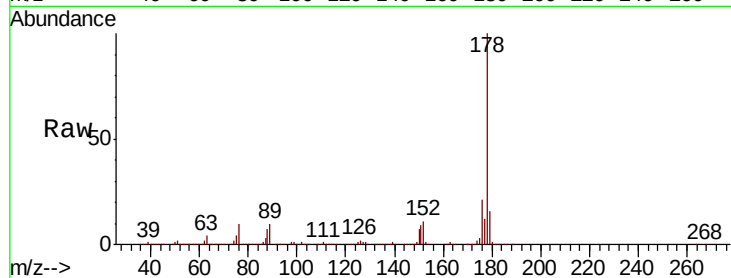
179 16.1 12.9 19.3

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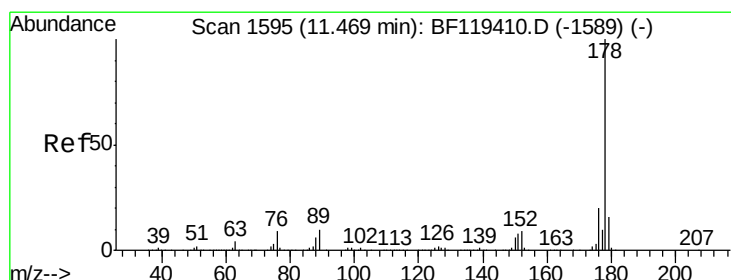
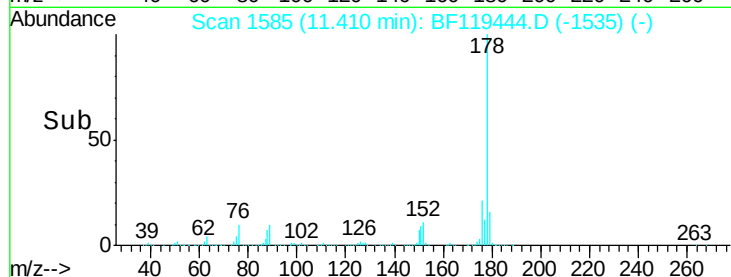
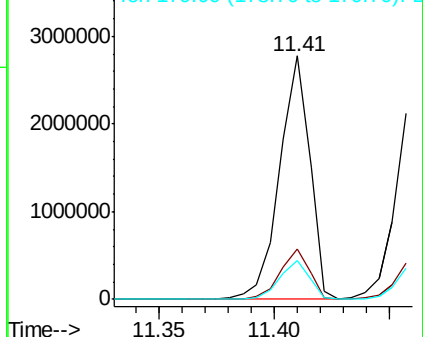
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.354 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

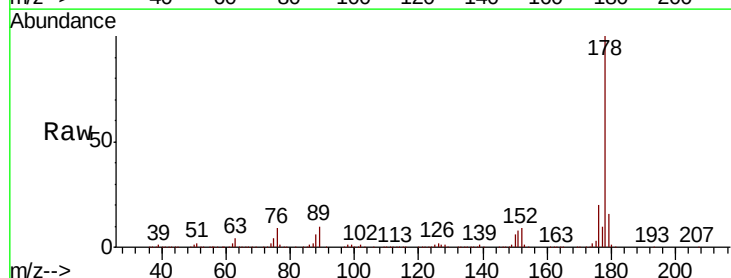
Tgt Ion:178 Resp: 2572861

Ion Ratio Lower Upper

178 100

176 20.0 15.6 23.4

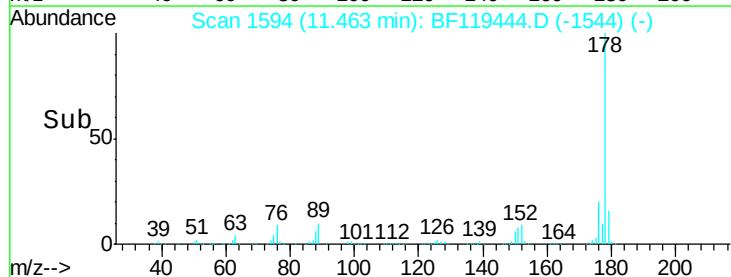
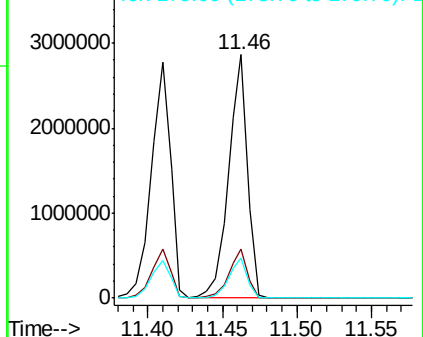
179 16.3 13.1 19.7

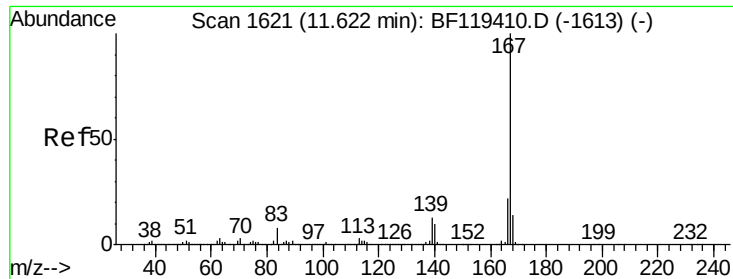


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





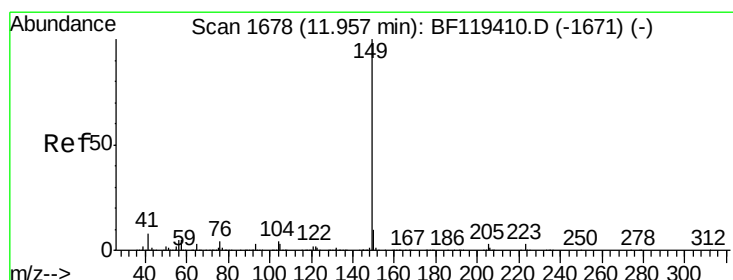
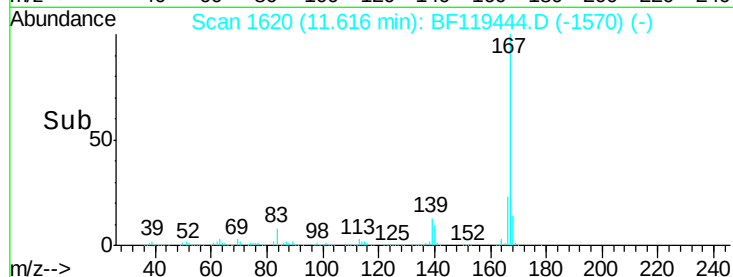
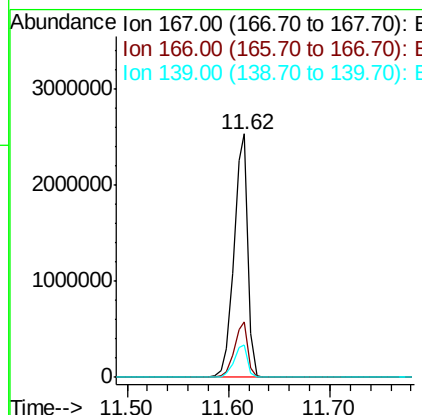
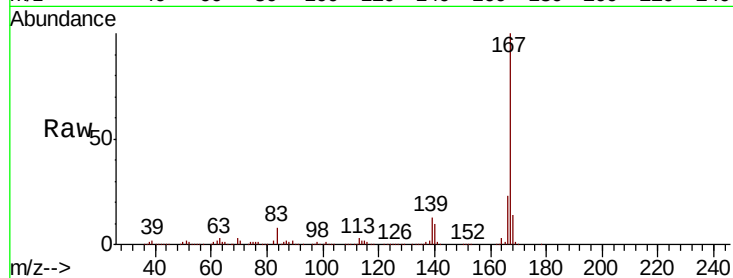
#73
 Carbazole
 Concen: 36.118 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. -0.01 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

Instrument :
 BNA_F
 ClientSampleId :
 PB127678BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.8	26.6
139	13.1	10.2	15.4

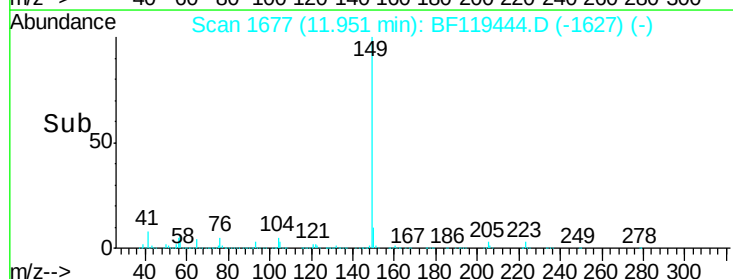
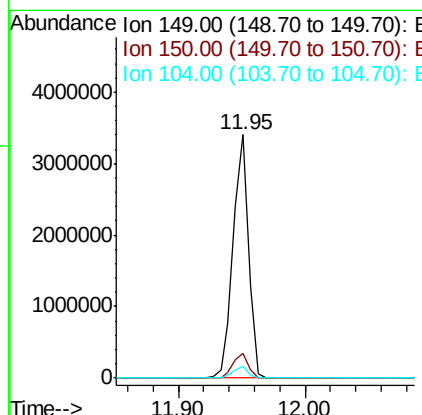
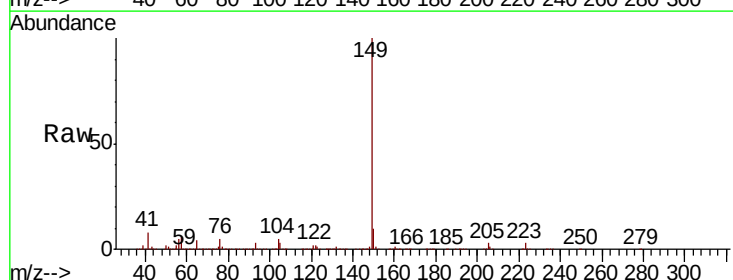
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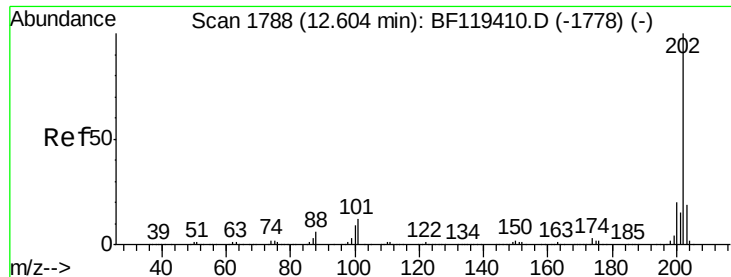
mohammad
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#74
 Di-n-butylphthalate
 Concen: 40.132 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.6	11.4
104	4.7	3.5	5.3





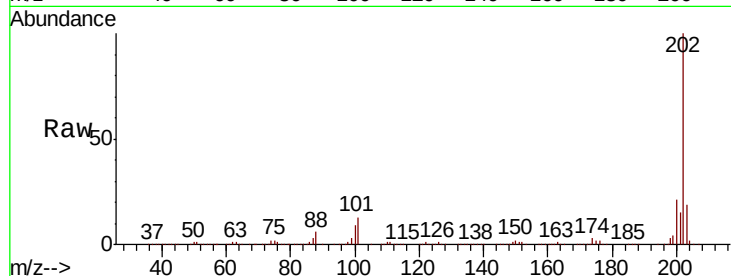
#75
Fluoranthene
Concen: 37.417 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Instrument :
BNA_F
ClientSampleId :
PB127678BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	32.4
203	19.4	0.0	38.5

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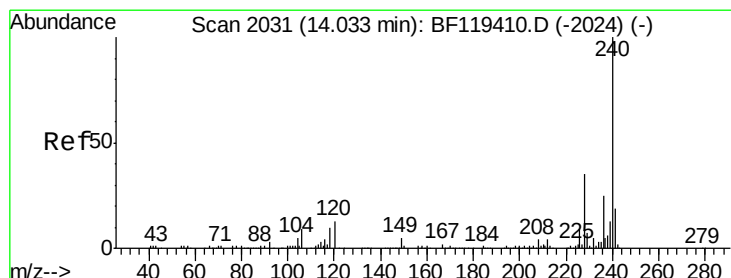
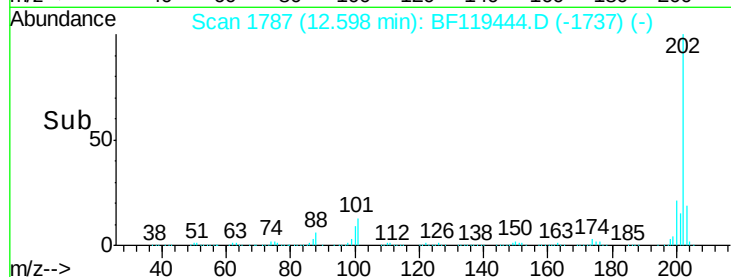
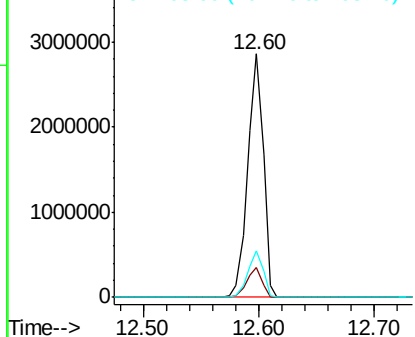


Abundance

Ion 202.00 (201.70 to 202.70): E

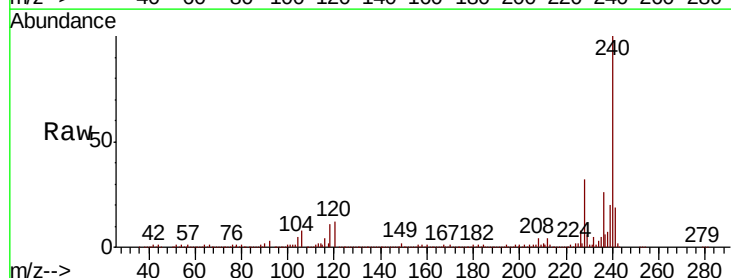
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	10.2	15.4
236	25.7	20.4	30.6

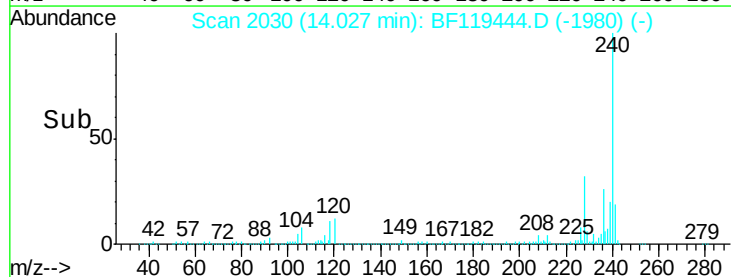
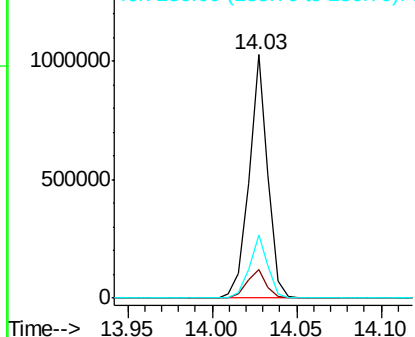


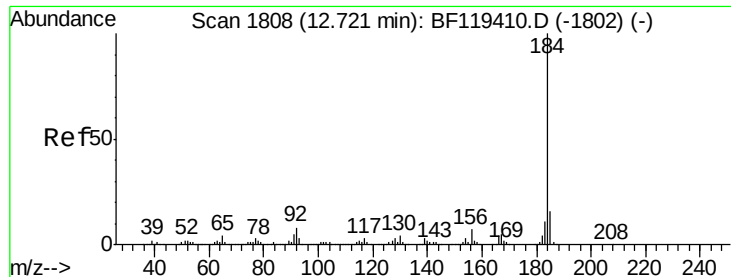
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 18.928 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Instrument :

BNA_F

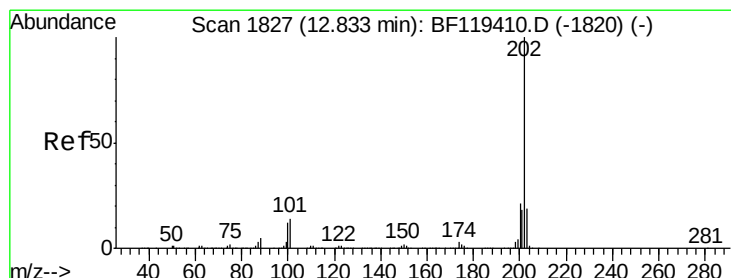
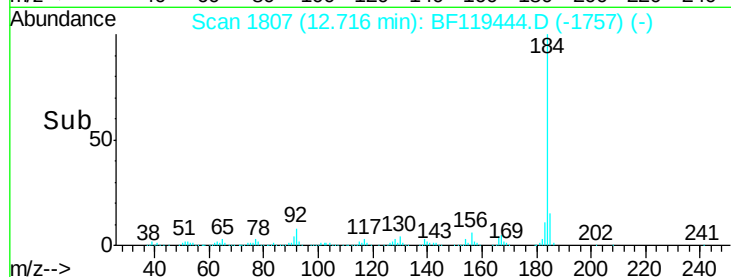
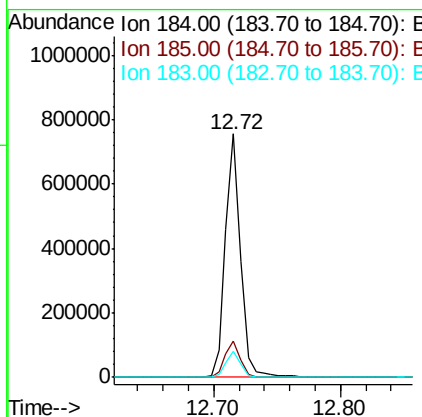
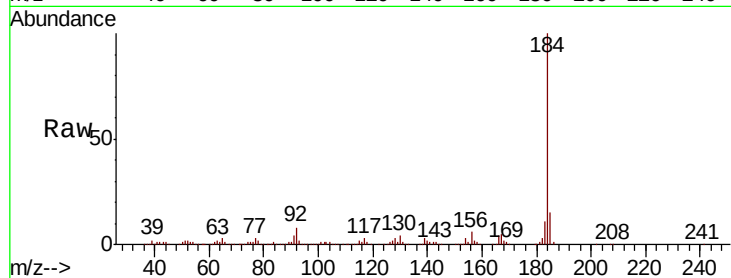
ClientSampleId :

PB127678BS

Tot Ion:	184	Resp:	634737
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.9	19.3
183	10.7	9.0	13.4

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#78

Pyrene

Concen: 41.874 ng

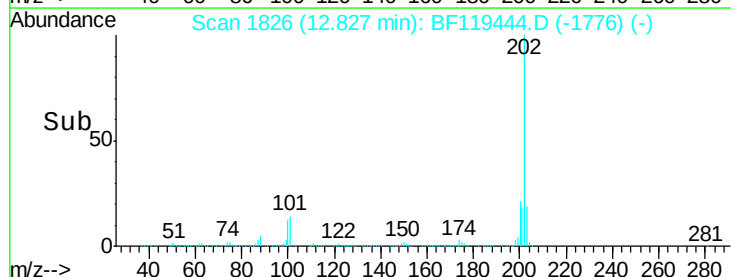
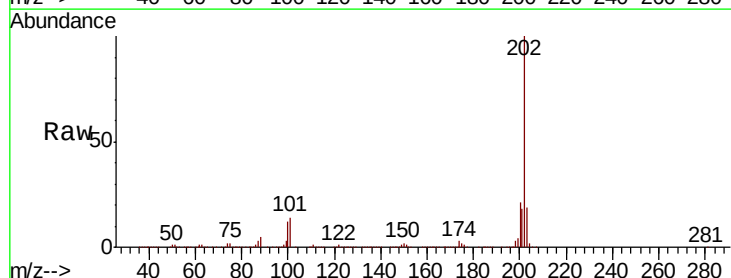
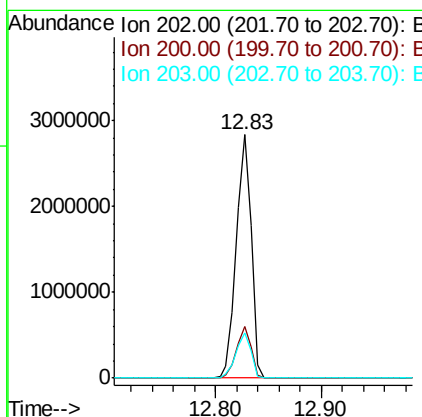
RT: 12.83 min Scan# 1826

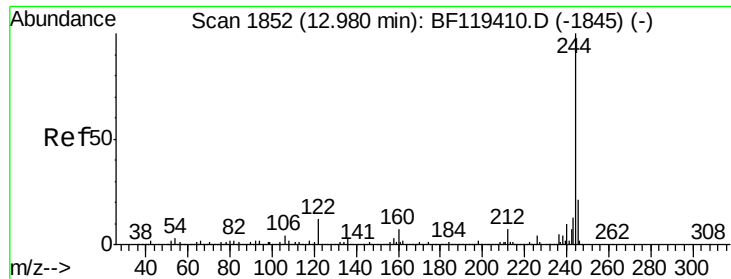
Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Tgt Ion:	202	Resp:	2723147
Ion Ratio	Lower	Upper	
202	100		
200	21.4	16.8	25.2
203	18.8	14.8	22.2





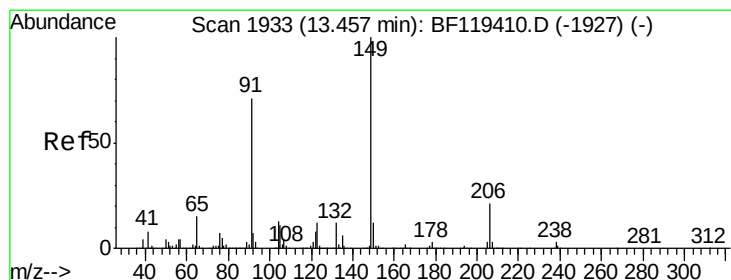
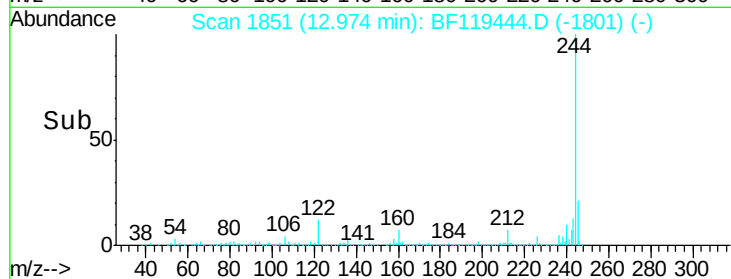
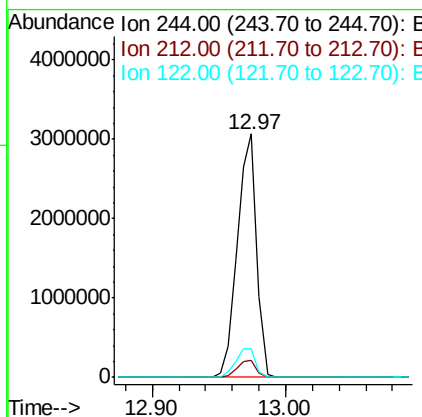
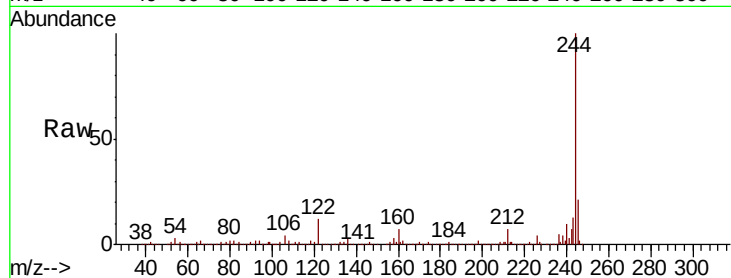
#79
 Terphenyl-d14
 Concen: 76.171 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

Instrument :
 BNA_F
 ClientSampleId :
 PB127678BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	11.7	9.8	14.8

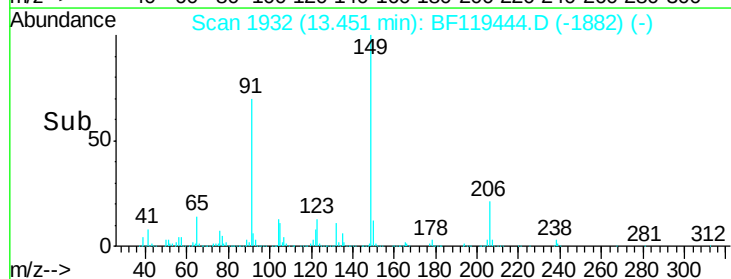
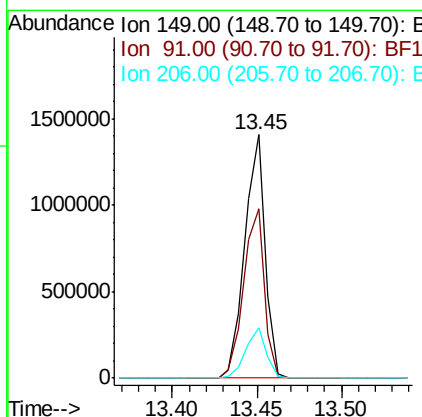
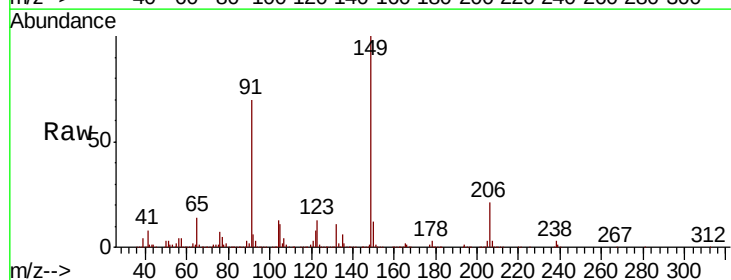
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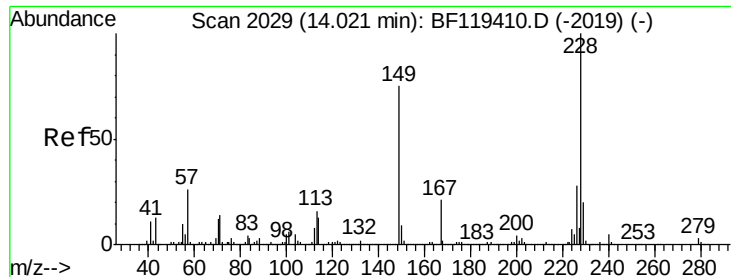
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#80
 Butylbenzylphthalate
 Concen: 45.258 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.7	57.0	85.6
206	20.7	16.4	24.6





#81

Benzo(a)anthracene

Concen: 39.307 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Instrument :

BNA_F

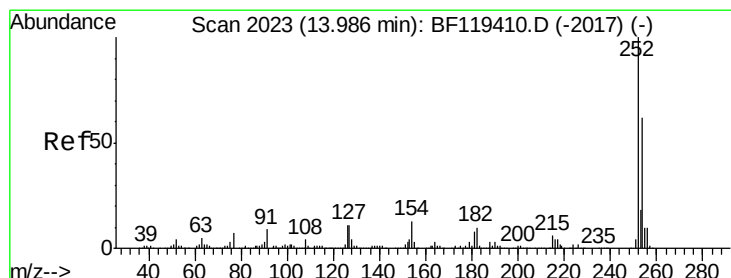
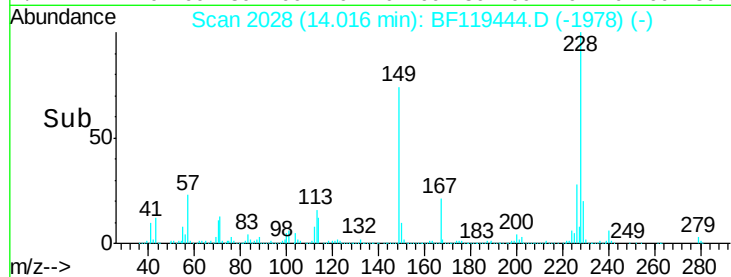
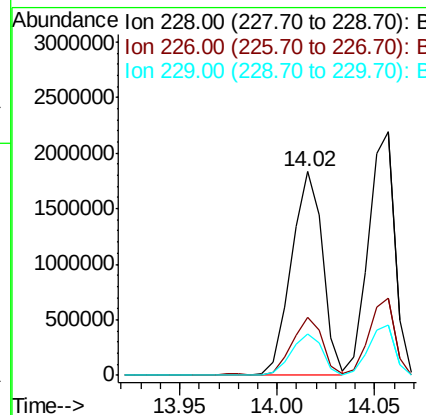
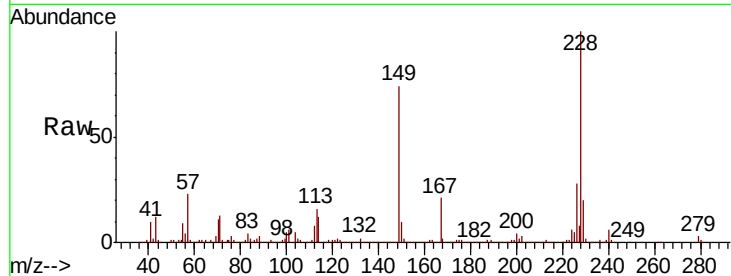
ClientSampled :

PB127678BS

Tot Ion:	228	Resp:	2025458
Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.3	33.5
229	20.1	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 32.493 ng

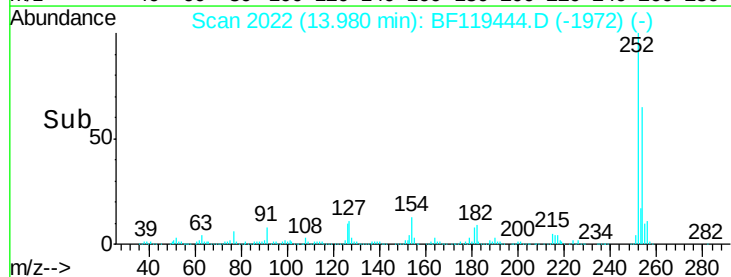
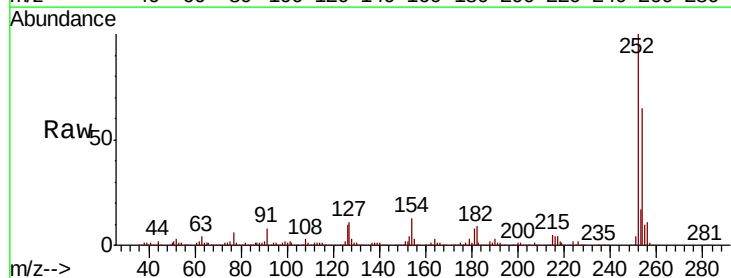
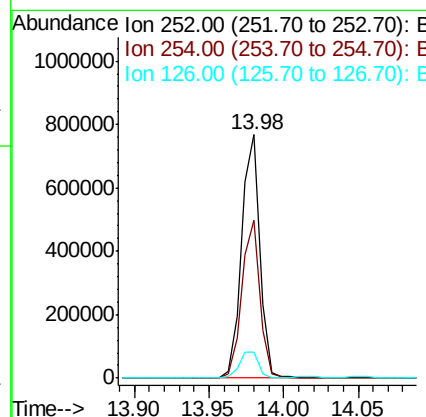
RT: 13.98 min Scan# 2022

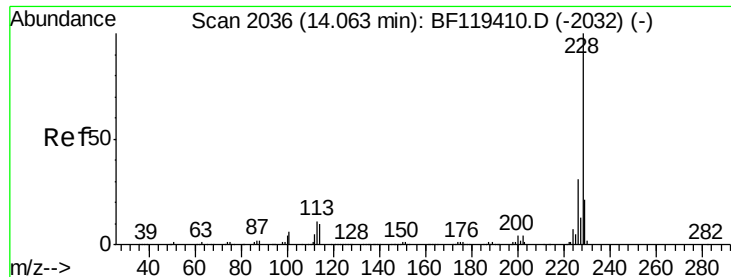
Delta R.T. -0.01 min

Lab File: BF119444.D

Acq: 19 Mar 2020 17:59

Tgt Ion:	252	Resp:	660182
Ion	Ratio	Lower	Upper
252	100		
254	64.8	49.8	74.8
126	10.5	8.9	13.3





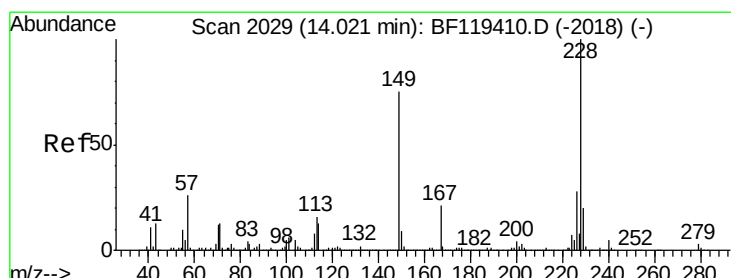
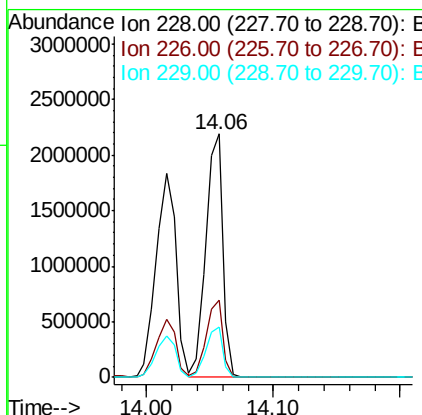
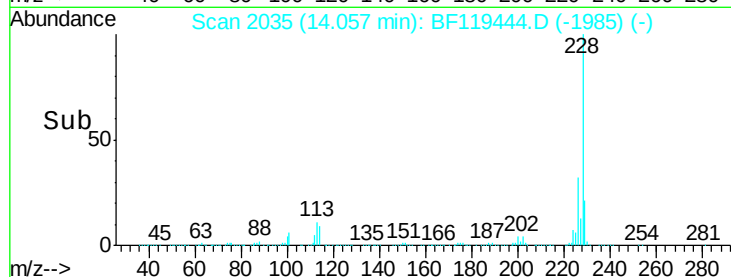
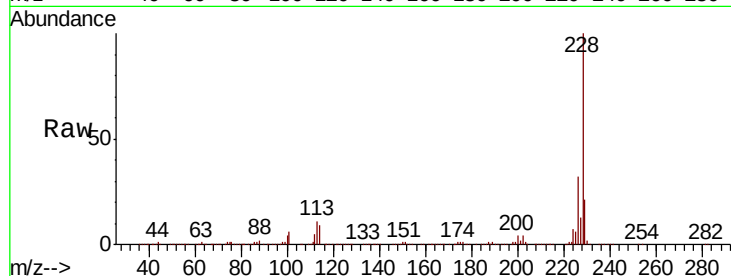
#83
 Chrysene
 Concen: 38.780 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

Instrument :
 BNA_F
 ClientSampled :
 PB127678BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.8	37.2
229	20.6	16.6	25.0

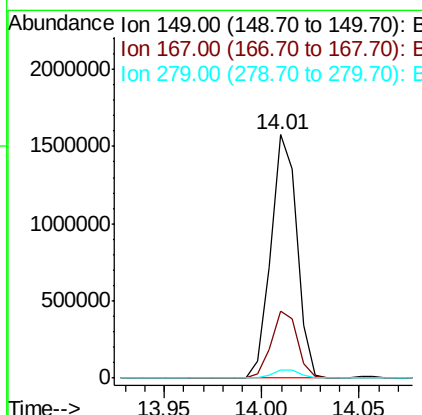
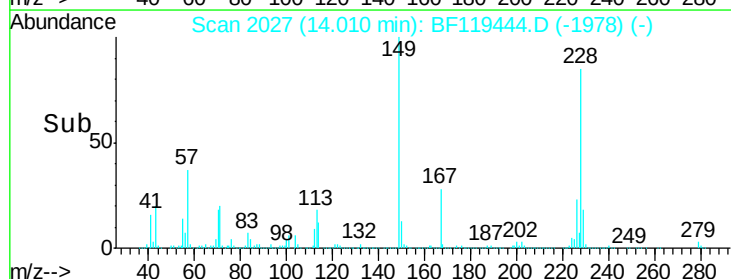
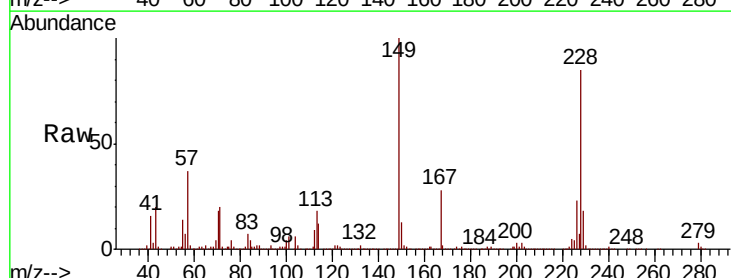
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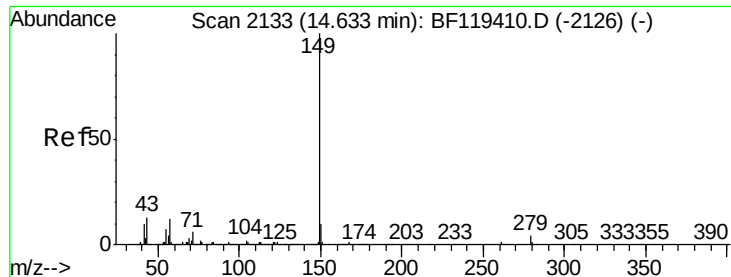
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.517 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF119444.D
 Acq: 19 Mar 2020 17:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.0	33.0
279	3.4	3.2	4.8





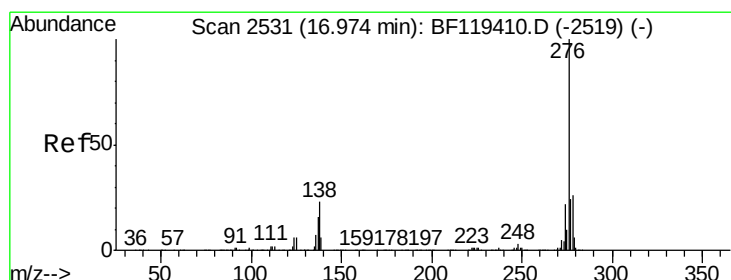
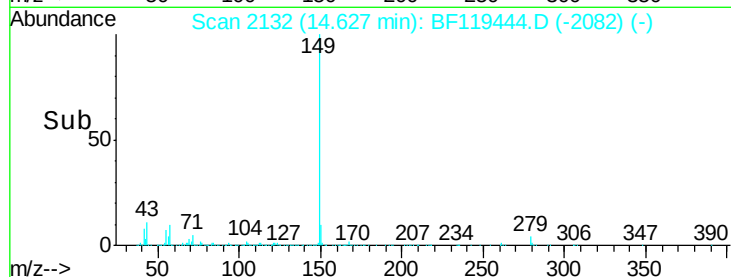
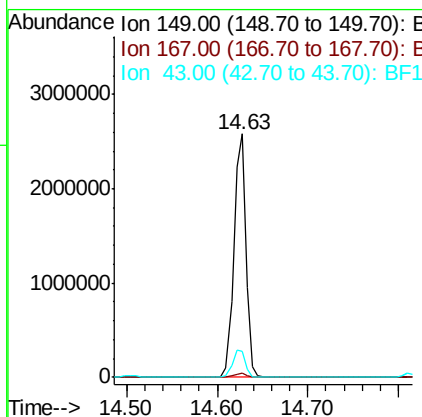
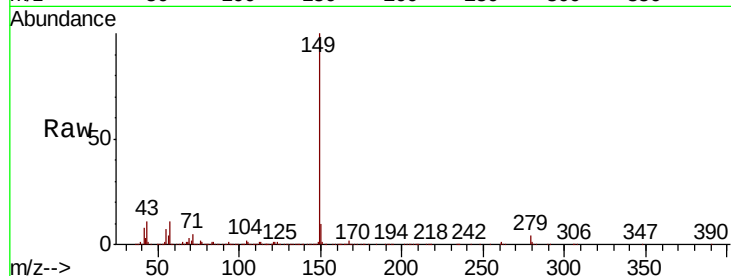
#85
Di-n-octyl phthalate
Concen: 43.972 ng
RT: 14.63 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Instrument :
BNA_F
ClientSampleId :
PB127678BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	11.6	10.1	15.1

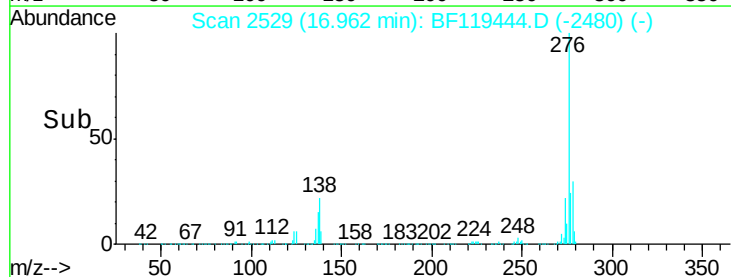
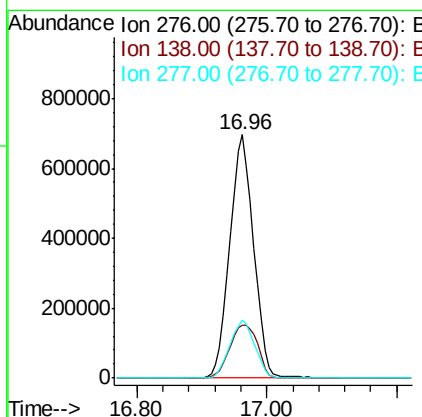
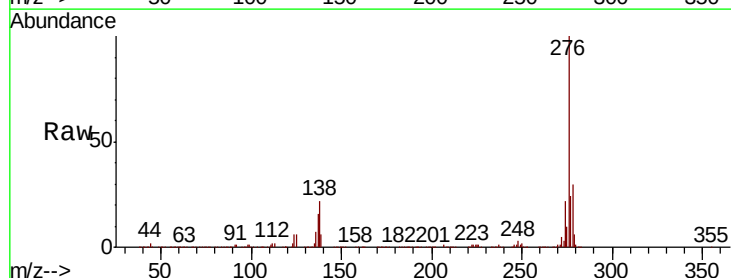
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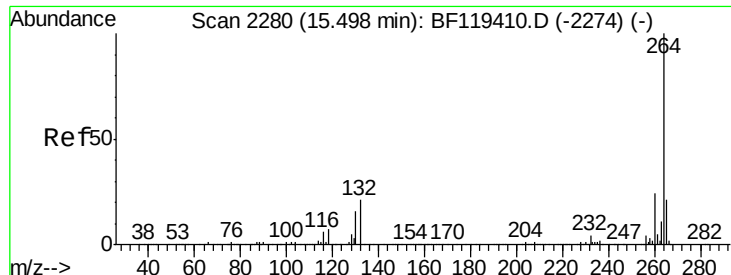
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#86
Indeno(1,2,3-cd)pyrene
Concen: 35.370 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.5	21.3	31.9
277	24.8	20.2	30.2





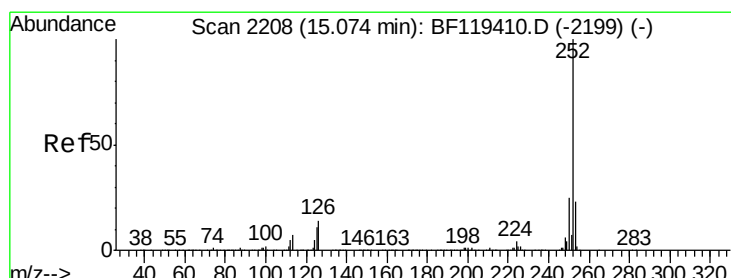
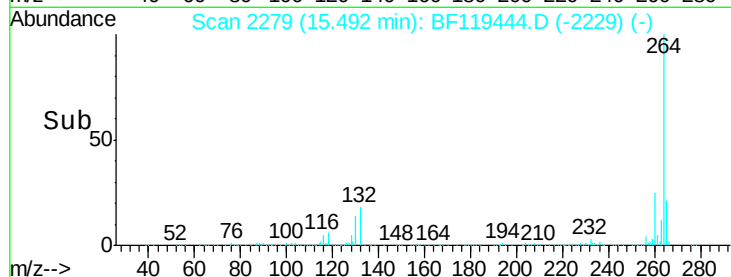
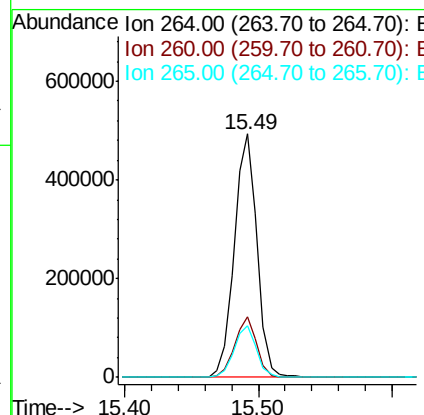
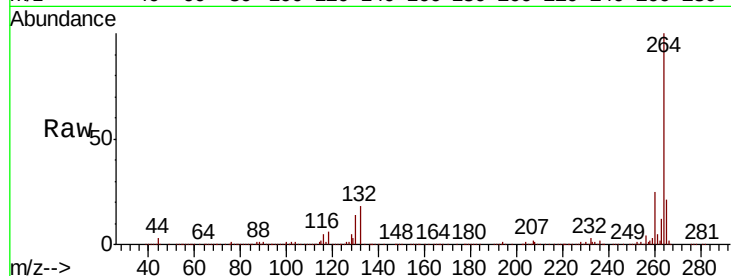
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Instrument :
BNA_F
ClientSampleId :
PB127678BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.2	16.9	25.3

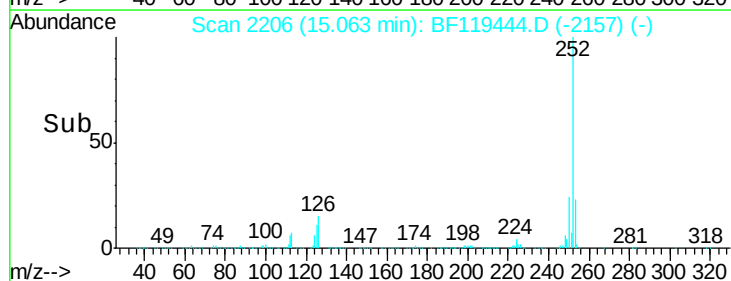
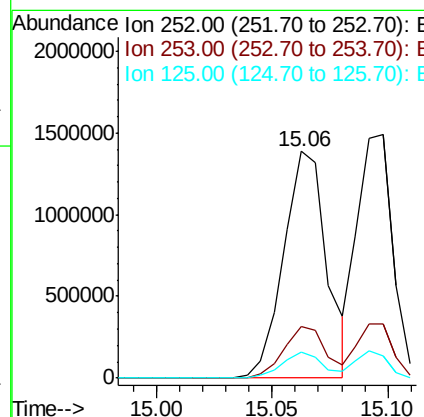
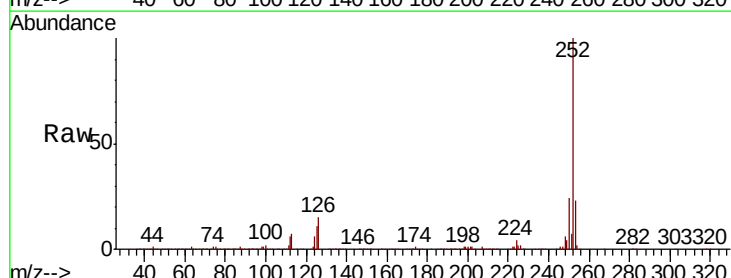
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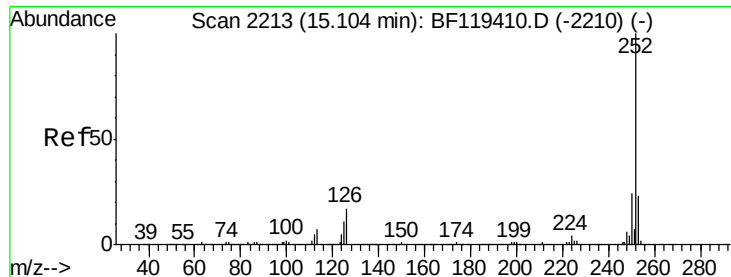
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#88
Benzo(b)fluoranthene
Concen: 45.538 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	11.4	8.8	13.2





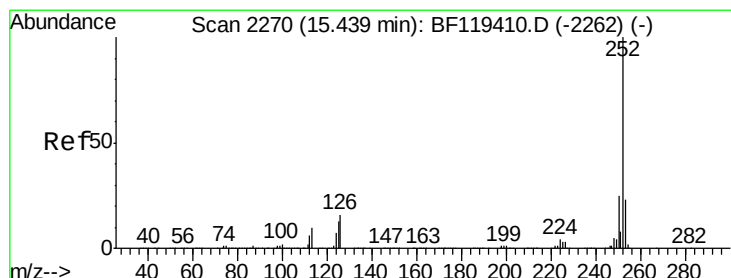
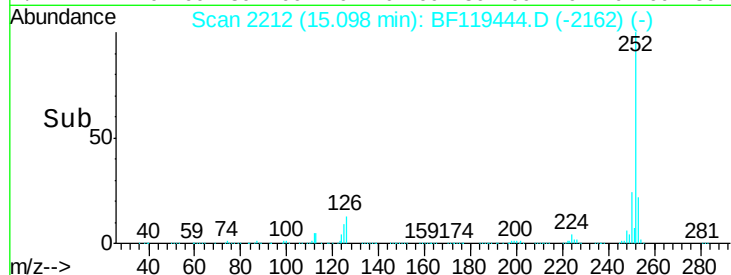
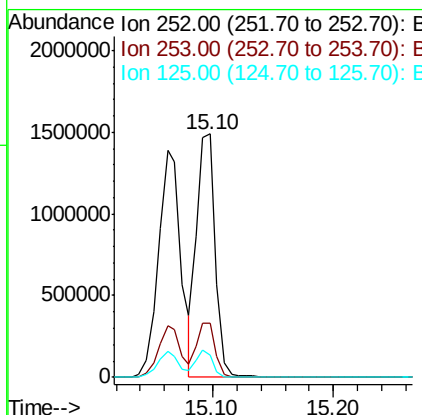
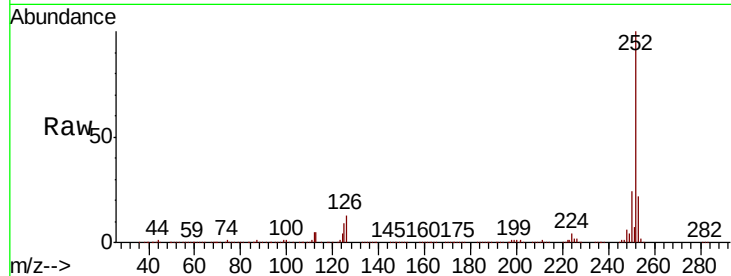
#89
Benzo(k)fluoranthene
Concen: 42.738 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Instrument :
BNA_F
ClientSampleId :
PB127678BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	9.4	9.0	13.4

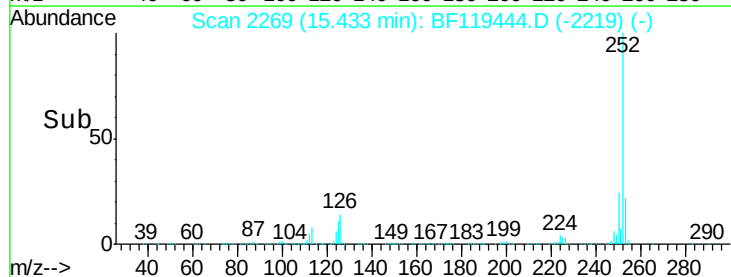
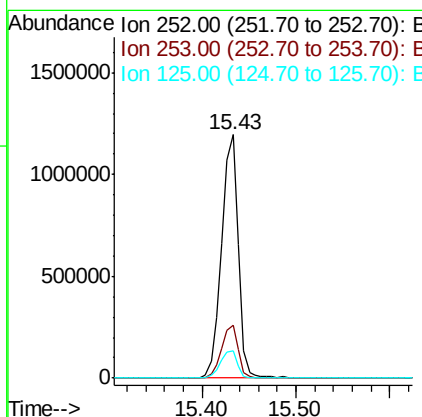
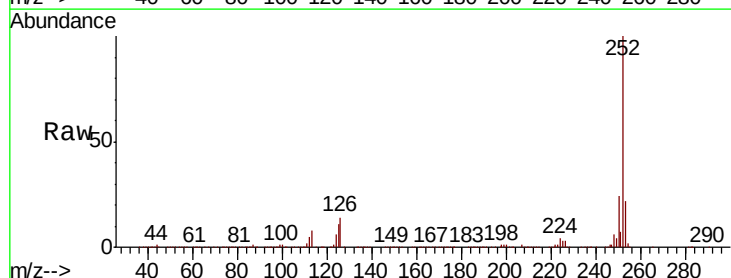
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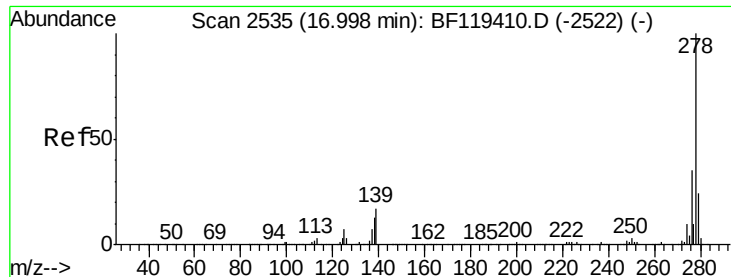
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#90
Benzo(a)pyrene
Concen: 41.383 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.4
125	11.2	10.2	15.2





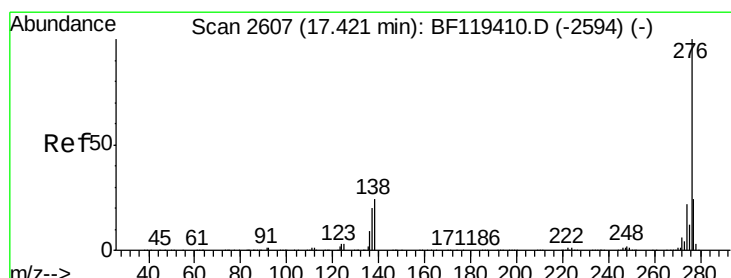
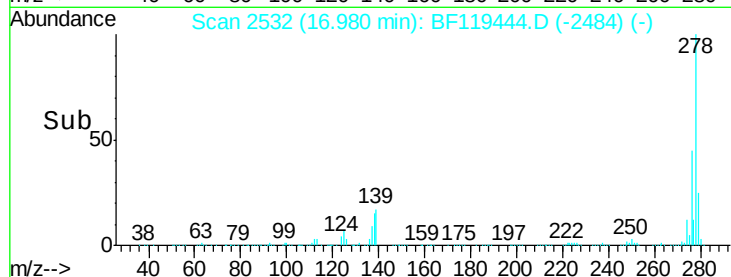
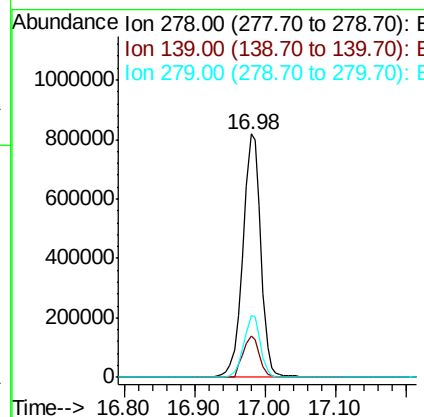
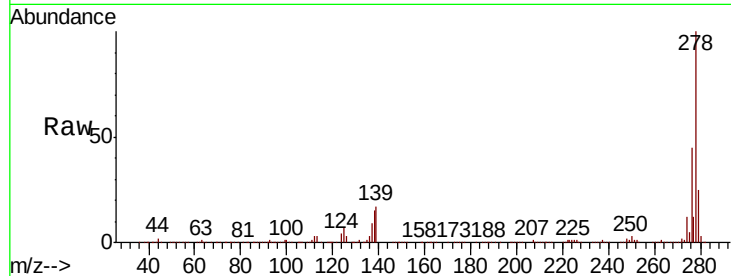
#91
Dibenzo(a,h)anthracene
Concen: 46.256 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.02 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Instrument :
BNA_F
ClientSampleId :
PB127678BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.1	13.7	20.5
279	25.4	19.2	28.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 49.767 ng
RT: 17.41 min Scan# 2605
Delta R.T. -0.01 min
Lab File: BF119444.D
Acq: 19 Mar 2020 17:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.8	28.2
138	22.4	19.1	28.7

