

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119211.D
 Acq On : 5 Mar 2020 13:26
 Operator : CG/JU
 Sample : PB127235BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127235BS

Manual Integrations
 APPROVED

mohammad
 3/9/2020 8:26:49 AM

Quant Time: Mar 06 06:42:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	108946	20.00	ng	-0.02
21) Naphthalene-d8	8.01	136	422533	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	242253	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	452927	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	295944	20.00	ng	-0.01
87) Perylene-d12	15.31	264	249744	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	828466	127.08	ng	0.00
7) Phenol-d6	6.39	99	993485	125.31	ng	-0.01
23) Nitrobenzene-d5	7.29	82	606802	75.83	ng	-0.03
42) 2,4,6-Tribromophenol	10.56	330	381139	120.27	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1265042	76.93	ng	-0.02
79) Terphenyl-d14	12.83	244	1504501	87.53	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	2.47	88	118776	40.922 ng	99
3) Pyridine	3.20	79	292222	36.865 ng	99
4) n-Nitrosodimethylamine	3.14	42	110246	45.911 ng	95
6) Aniline	6.39	93	308834	31.568 ng	# 75
8) 2-Chlorophenol	6.52	128	342383	48.666 ng	99
9) Benzaldehyde	6.27	77	146330	27.624 ng	98
10) Phenol	6.40	94	403159	47.032 ng	81
11) bis(2-Chloroethyl)ether	6.46	93	305720	46.612 ng	96
12) 1,3-Dichlorobenzene	6.67	146	370992	43.996 ng	99
13) 1,4-Dichlorobenzene	6.75	146	380968	45.149 ng	98
14) 1,2-Dichlorobenzene	6.90	146	350469	45.542 ng	98
15) Benzyl Alcohol	6.88	79	285192	49.770 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	243462	42.851 ng	# 19
17) 2-Methylphenol	7.00	107	277942	48.728 ng	94
18) Hexachloroethane	7.23	117	134306	44.489 ng	99
19) n-Nitroso-di-n-propylamine	7.15	70	235658	51.009 ng	96
20) 3+4-Methylphenols	7.16	107	362971	51.941 ng	# 85
22) Acetophenone	7.14	105	460609	47.115 ng	# 94
24) Nitrobenzene	7.31	77	354352	44.777 ng	96
25) Isophorone	7.55	82	641473	46.156 ng	98
26) 2-Nitrophenol	7.63	139	191708	45.720 ng	97
27) 2,4-Dimethylphenol	7.68	122	302820	53.213 ng	100
28) bis(2-Chloroethoxy)methane	7.76	93	390190	43.133 ng	99
29) 2,4-Dichlorophenol	7.88	162	304327	45.426 ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	330057	41.553 ng	99
31) Naphthalene	8.03	128	994486	45.383 ng	98
32) Benzoic acid	7.84	122	160446	39.943 ng	97
33) 4-Chloroaniline	8.09	127	252411	26.781 ng	98
34) Hexachlorobutadiene	8.15	225	201933	40.814 ng	98
35) Caprolactam	8.46	113	90537m	43.890 ng	
36) 4-Chloro-3-methylphenol	8.59	107	323827	47.762 ng	98
37) 2-Methylnaphthalene	8.72	142	694059	47.065 ng	98
38) 1-Methylnaphthalene	8.82	142	646266	46.598 ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	341708	41.836 ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	170340	59.961	nq	98
43) 2,4,6-Trichlorophenol	9.01	196	214353	41.558	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	222625	41.132	nq	99
46) 1,1'-Biphenyl	9.19	154	836214	42.710	nq	98
47) 2-Chloronaphthalene	9.22	162	667150	42.284	nq	96
48) 2-Nitroaniline	9.32	65	189803	43.130	nq	97
49) Acenaphthylene	9.63	152	1019668	44.746	nq	99
50) Dimethylphthalate	9.49	163	823939	44.478	nq	99
51) 2,6-Dinitrotoluene	9.56	165	182885	44.437	nq #	86
52) Acenaphthene	9.80	154	609465	44.355	nq	100
53) 3-Nitroaniline	9.73	138	123928	27.161	nq	95
54) 2,4-Dinitrophenol	9.85	184	138192	70.106	nq	94
55) Dibenzofuran	9.97	168	912541	44.494	nq	99
56) 4-Nitrophenol	9.92	139	177502	64.750	nq	97
57) 2,4-Dinitrotoluene	9.97	165	230547	43.217	nq	95
58) Fluorene	10.32	166	737987	46.307	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	194987	42.695	nq	98
60) Diethylphthalate	10.19	149	804062	46.059	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	389900	46.221	nq	94
62) 4-Nitroaniline	10.35	138	156897	33.610	nq	96
63) Azobenzene	10.46	77	713519	47.022	nq	96
65) 4,6-Dinitro-2-methylphenol	10.39	198	123509	45.064	nq	95
66) n-Nitrosodiphenylamine	10.43	169	669265	45.128	nq	100
67) 4-Bromophenyl-phenylether	10.79	248	253800	42.869	nq	93
68) Hexachlorobenzene	10.87	284	287343	42.096	nq	100
69) Atrazine	10.96	200	233995	45.159	nq	98
70) Pentachlorophenol	11.07	266	181607	66.048	nq	100
71) Phenanthrene	11.27	178	1091994	44.210	nq	98
72) Anthracene	11.33	178	1125234	45.593	nq	98
73) Carbazole	11.49	167	948327	43.132	nq	98
74) Di-n-butylphthalate	11.81	149	1235975	46.420	nq	98
75) Fluoranthene	12.46	202	1139303	43.454	nq	98
77) Benzidine	12.58	184	375597	31.207	nq	98
78) Pyrene	12.69	202	1119117	47.093	nq	98
80) Butylbenzylphthalate	13.30	149	481829	48.175	nq	95
81) Benzo(a)anthracene	13.88	228	916577	45.455	nq	98
82) 3,3'-Dichlorobenzidine	13.83	252	240423	30.705	nq #	98
83) Chrysene	13.92	228	865936	43.098	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	675754	53.480	nq	100
85) Di-n-octyl phthalate	14.47	149	1022954	50.812	nq	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	776161	39.895	nq	100
88) Benzo(b)fluoranthene	14.91	252	771857	46.888	nq	99
89) Benzo(k)fluoranthene	14.93	252	720447	47.226	nq	99
90) Benzo(a)pyrene	15.26	252	657505	44.255	nq	98
91) Dibenzo(a,h)anthracene	16.72	278	653610	49.999	nq	99
92) Benzo(g,h,i)perylene	17.14	276	658294	50.966	nq	100

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



#1

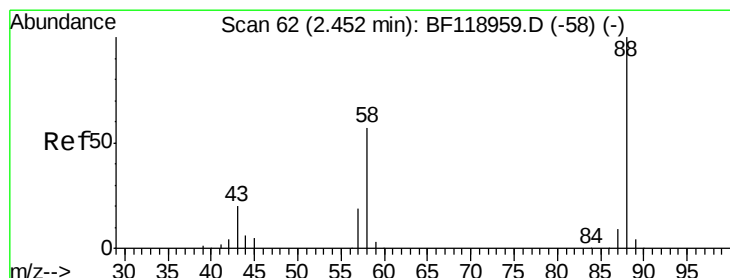
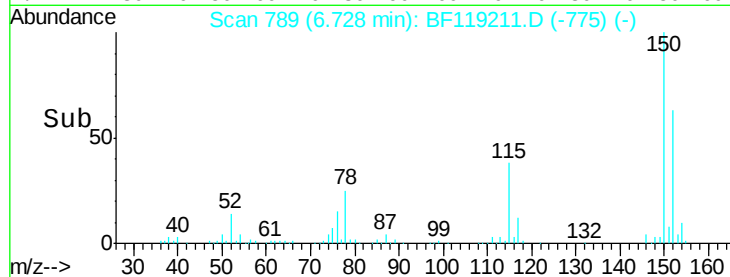
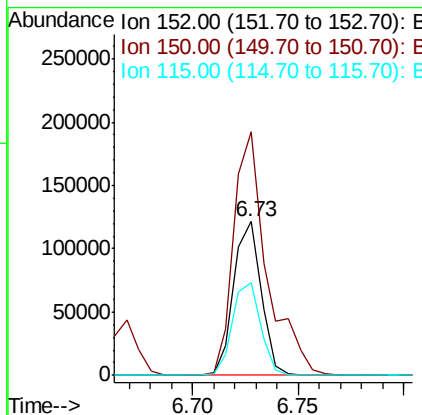
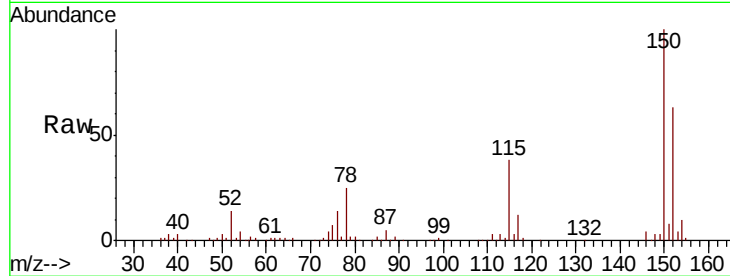
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Instrument :
BNA_F
ClientSampleID :
PB127235BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	123.0	184.6
115	60.5	49.5	74.3

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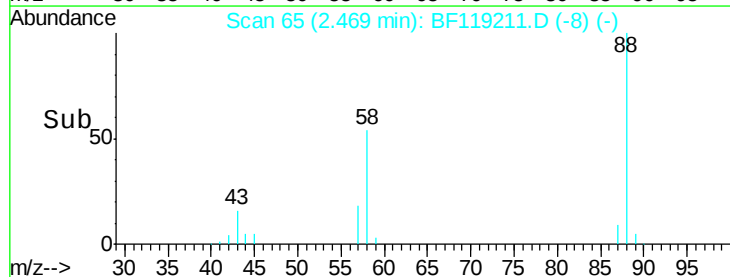
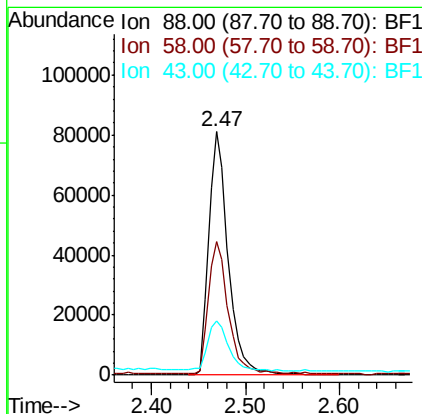
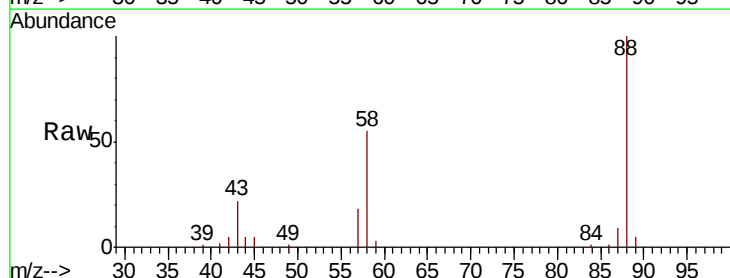
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#2

1,4-Dioxane
Concen: 40.922 ng
RT: 2.47 min Scan# 65
Delta R.T. 0.04 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.2	43.8	65.6
43	21.9	16.2	24.4





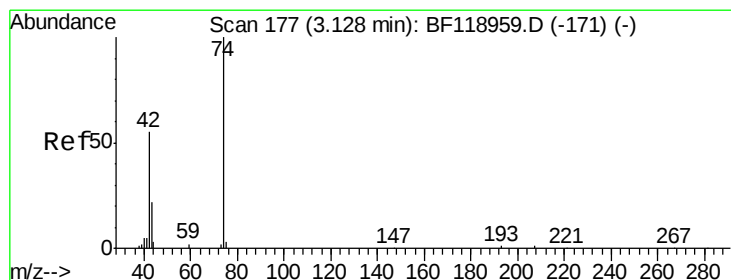
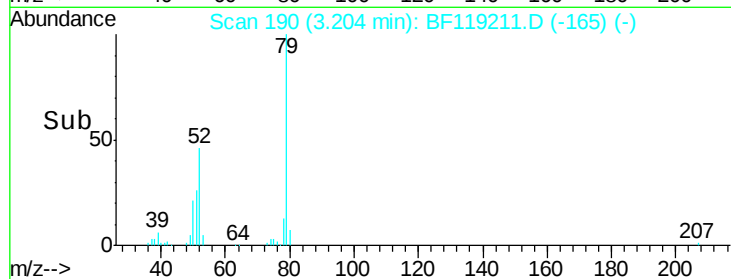
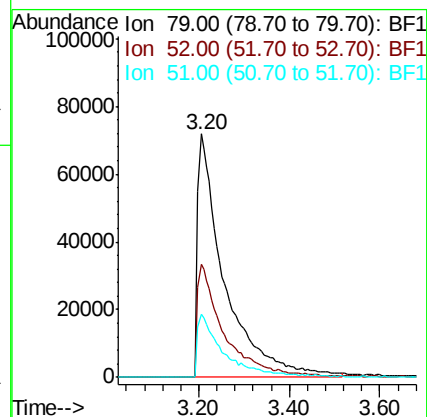
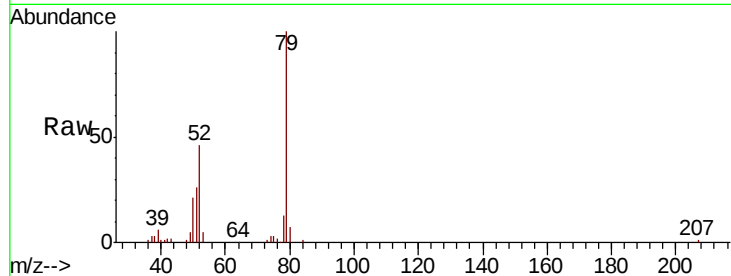
#3
 Pvridine
 Concen: 36.865 ng
 RT: 3.20 min Scan# 190
 Delta R.T. 0.05 min
 Lab File: BF119211.D
 Acq: 5 Mar 2020 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PB127235BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	46.3	37.4	56.0
51	25.8	19.8	29.6

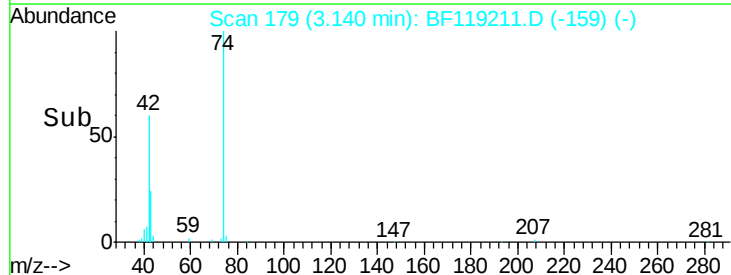
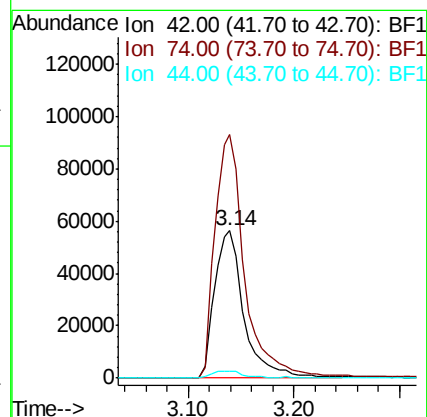
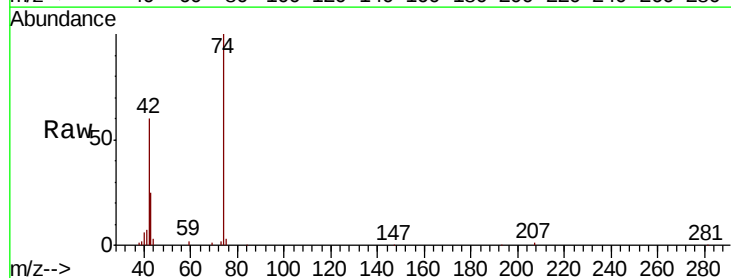
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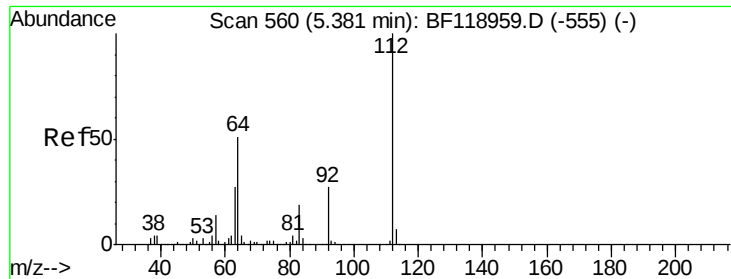
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#4
 n-Nitrosodimethylamine
 Concen: 45.911 ng
 RT: 3.14 min Scan# 179
 Delta R.T. 0.02 min
 Lab File: BF119211.D
 Acq: 5 Mar 2020 13:26

Tgt Ion	Ratio	Lower	Upper
42	100		
74	165.6	137.7	206.5
44	5.1	4.5	6.7





#5

2-Fluorophenol

Concen: 127.083 ng

RT: 5.37 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF119211.D

Acq: 5 Mar 2020 13:26

Instrument :

BNA_F

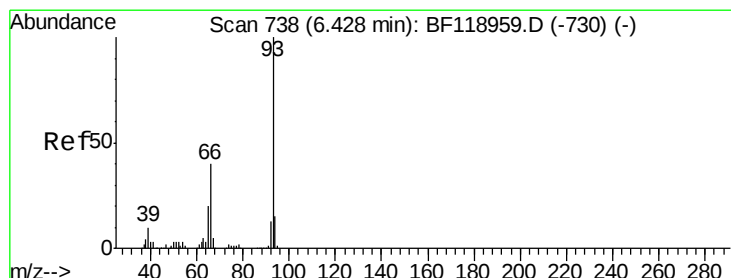
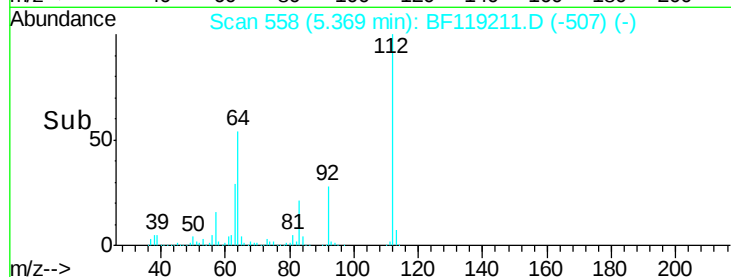
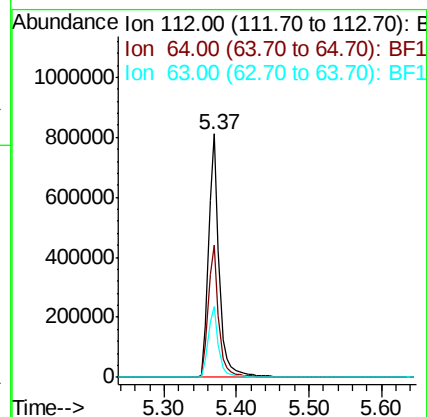
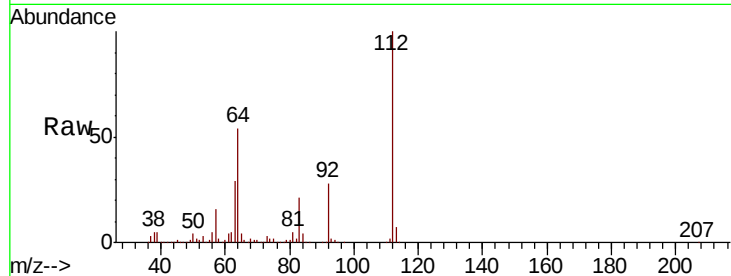
ClientSampleId :

PB127235BS

Tot Ion:	112	Resp:	828466
Ion Ratio	Lower	Upper	
112	100		
64	54.2	45.0	67.4
63	29.3	24.2	36.4

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#6

Aniline

Concen: 31.568 ng

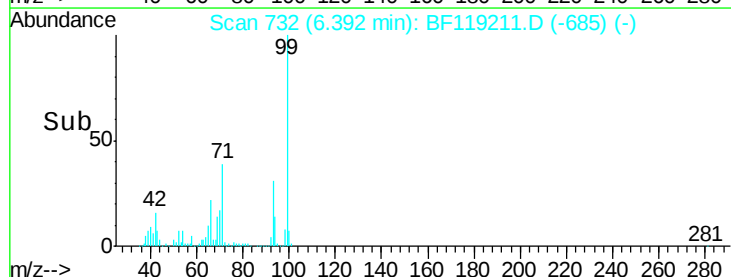
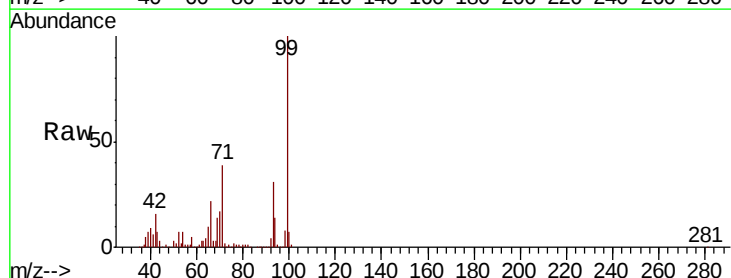
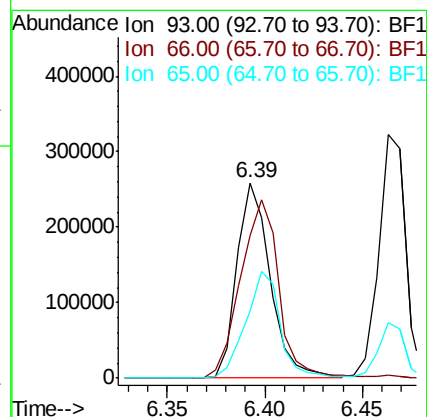
RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF119211.D

Acq: 5 Mar 2020 13:26

Tgt Ion:	93	Resp:	308834
Ion Ratio	Lower	Upper	
93	100		
66	72.7	74.5	111.7#
65	34.0	45.3	67.9#





#7

Phenol-d6

Concen: 125.306 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119211.D

Acq: 5 Mar 2020 13:26

Instrument :

BNA_F

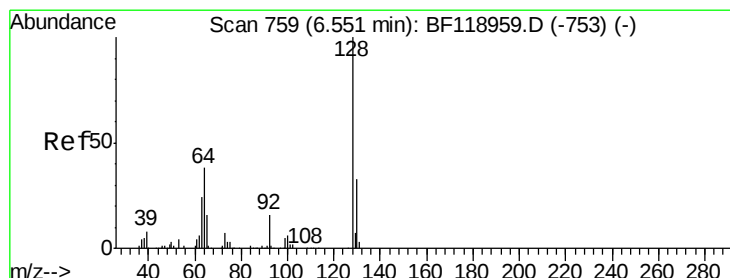
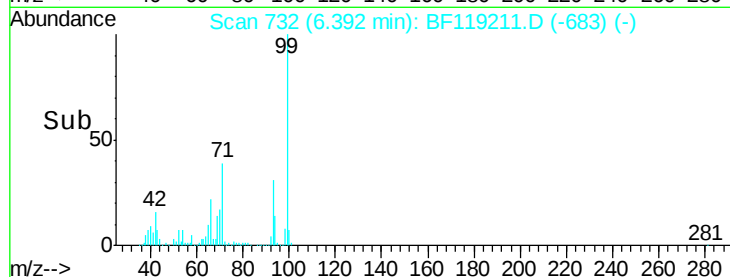
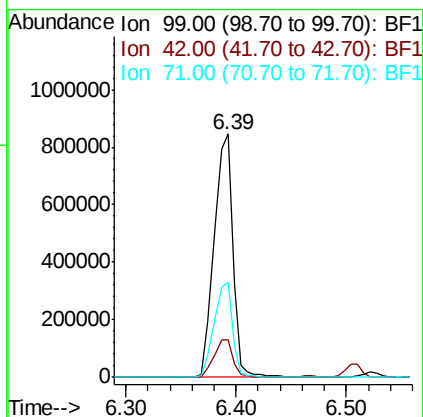
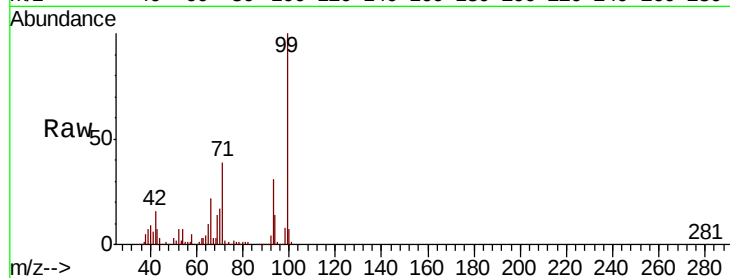
ClientSampled :

PB127235BS

Tot Ion:	99	Resp:	993485
Ion Ratio	Lower	Upper	
99	100		
42	15.6	12.6	18.8
71	38.9	31.0	46.4

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#8

2-Chlorophenol

Concen: 48.666 ng

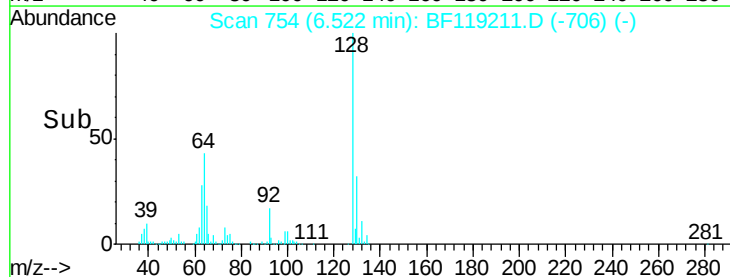
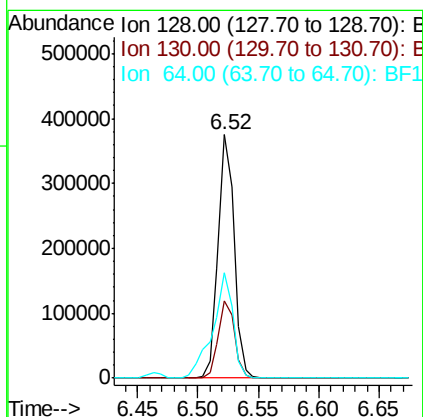
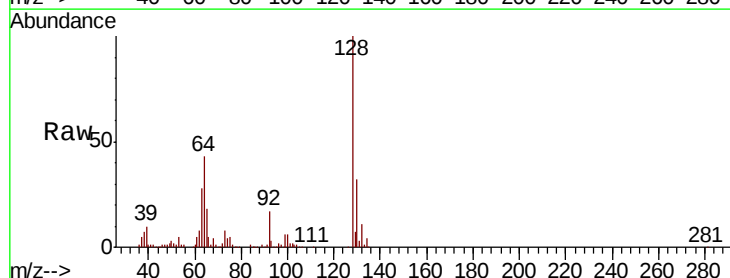
RT: 6.52 min Scan# 754

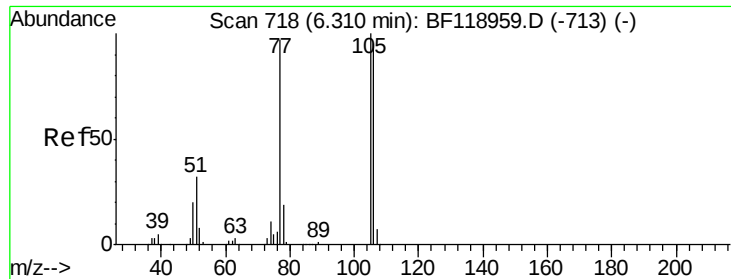
Delta R.T. -0.02 min

Lab File: BF119211.D

Acq: 5 Mar 2020 13:26

Tgt Ion:	128	Resp:	342383
Ion Ratio	Lower	Upper	
128	100		
130	31.9	12.7	52.7
64	43.0	22.3	62.3





#9

Benzaldehyde

Concen: 27.624 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF119211.D

Acq: 5 Mar 2020 13:26

Instrument :

BNA_F

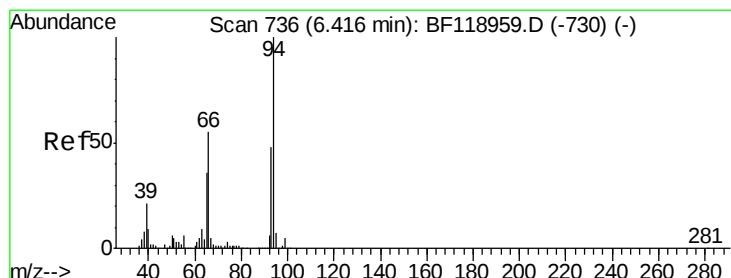
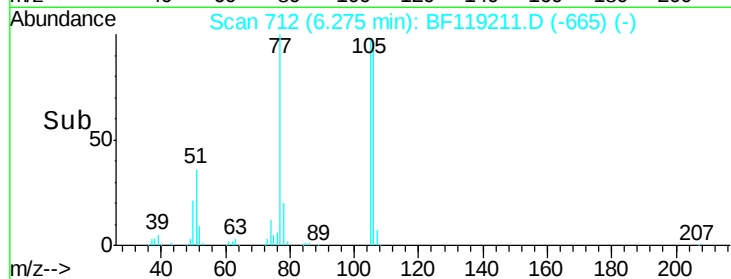
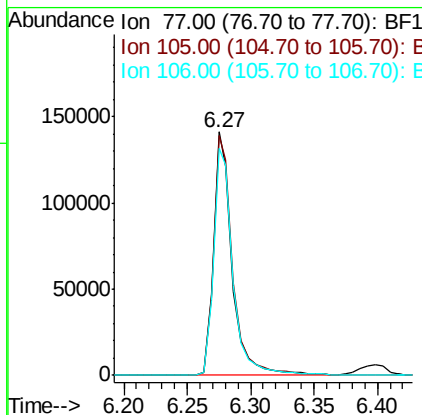
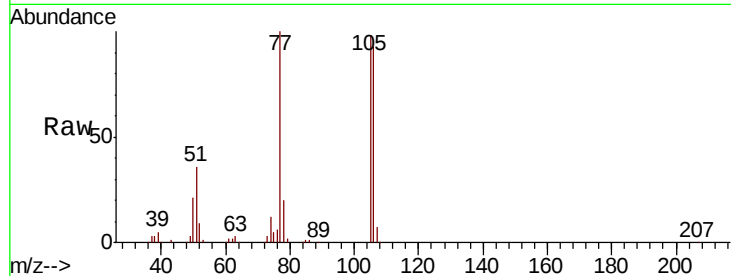
ClientSampleId :

PB127235BS

Tot Ion:	77	Resp:	146330
Ion	Ratio	Lower	Upper
77	100		
105	98.3	80.1	120.1
106	93.3	75.9	115.9

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#10

Phenol

Concen: 47.032 ng

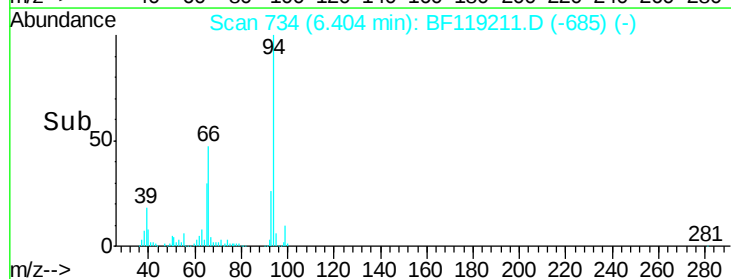
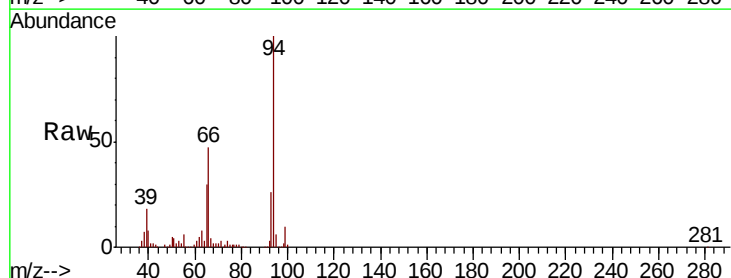
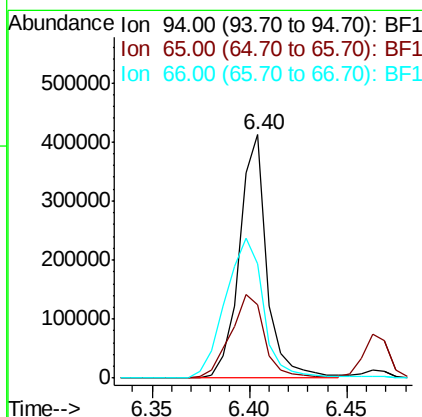
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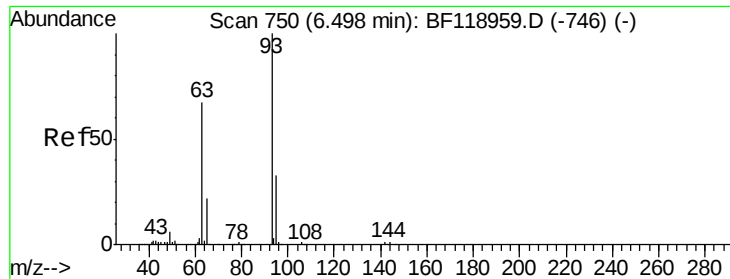
Delta R.T. -0.01 min

Lab File: BF119211.D

Acq: 5 Mar 2020 13:26

Tgt Ion:	94	Resp:	403159
Ion	Ratio	Lower	Upper
94	100		
65	30.4	19.2	59.2
66	46.7	44.4	84.4





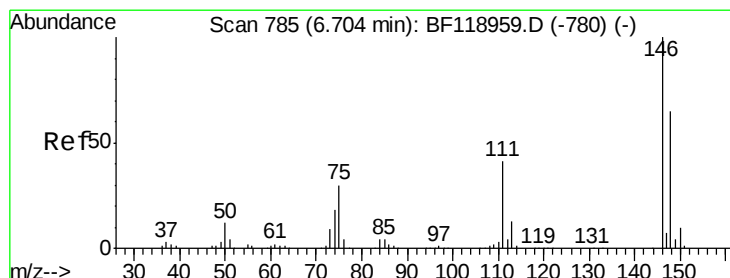
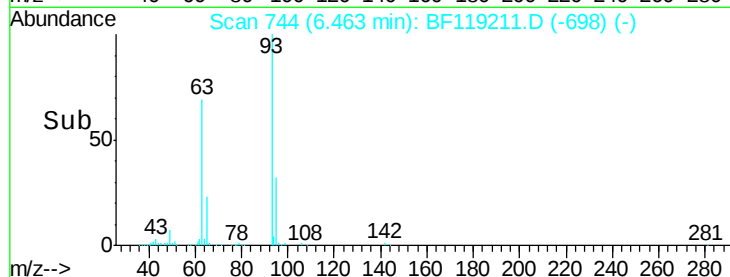
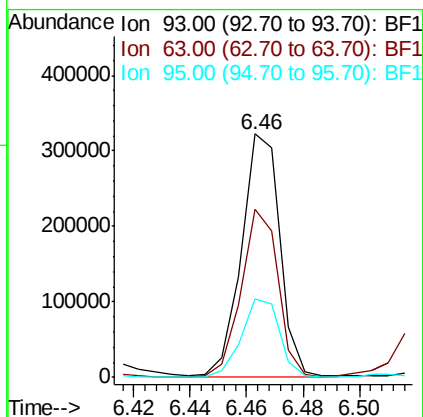
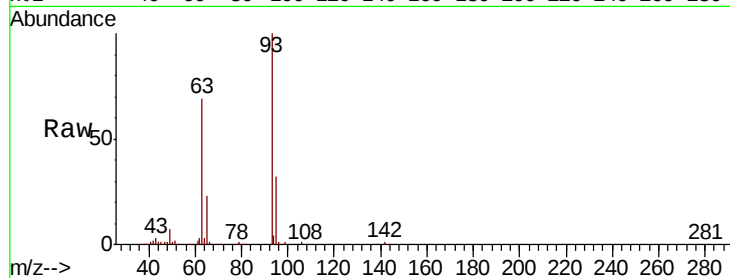
#11
bis(2-Chloroethyl)ether
Concen: 46.612 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127235BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	305720		
63	68.9		45.4	85.4
95	32.2		13.5	53.5

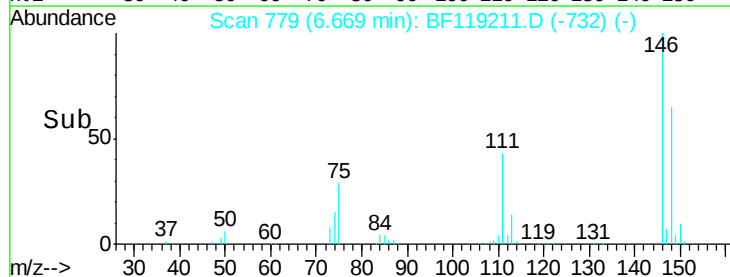
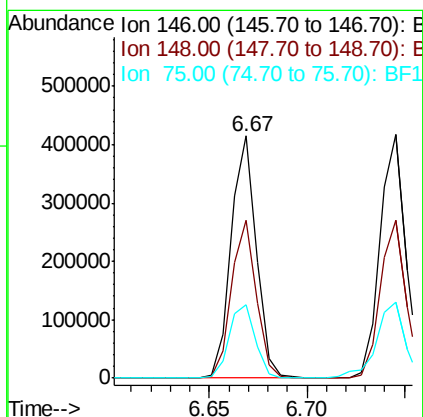
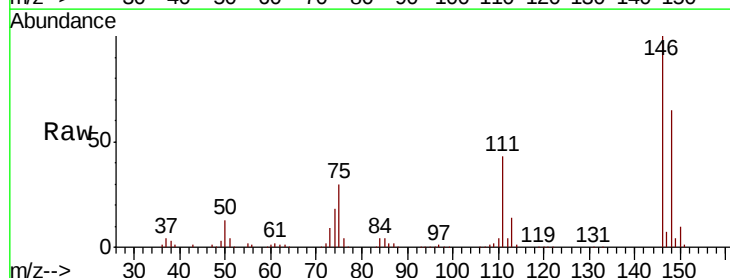
Manual Integrations
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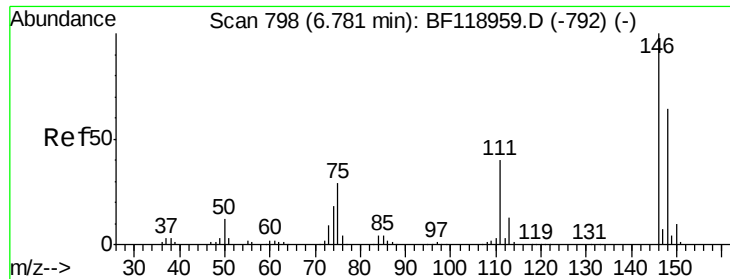
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.996 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	370992		
148	65.0		52.5	78.7
75	30.4		23.6	35.4





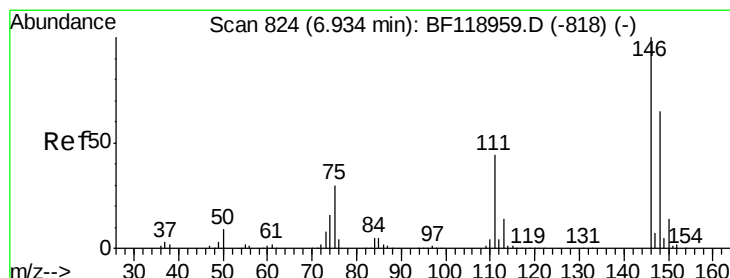
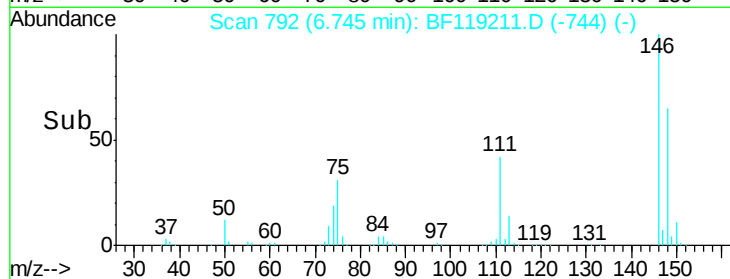
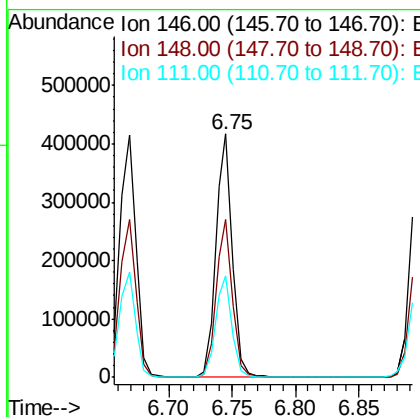
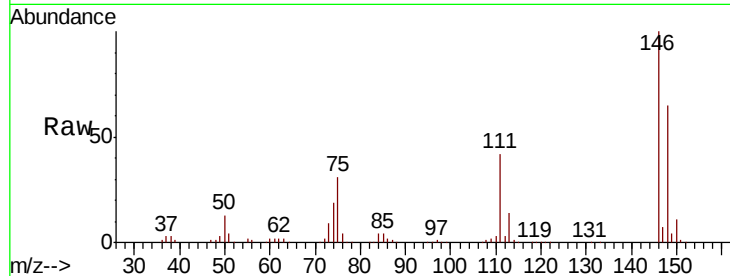
#13
 1,4-Dichlorobenzene
 Concen: 45.149 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.02 min
 Lab File: BF119211.D
 Acq: 5 Mar 2020 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PB127235BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.1	76.7
111	41.6	34.8	52.2

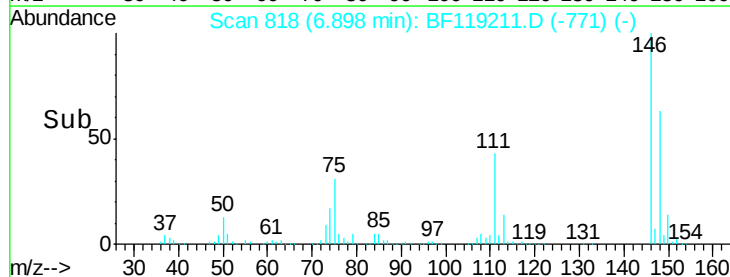
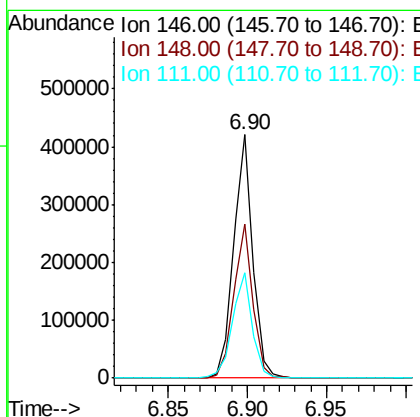
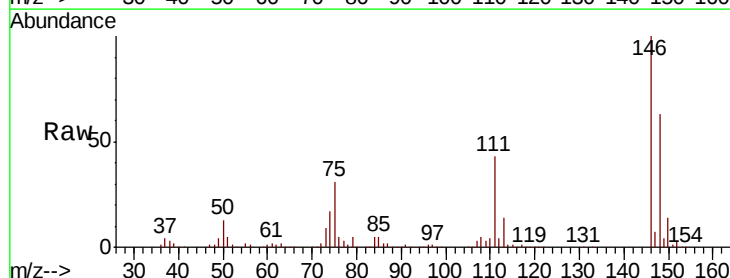
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#14
 1,2-Dichlorobenzene
 Concen: 45.542 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BF119211.D
 Acq: 5 Mar 2020 13:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.9	77.9
111	43.1	36.2	54.2





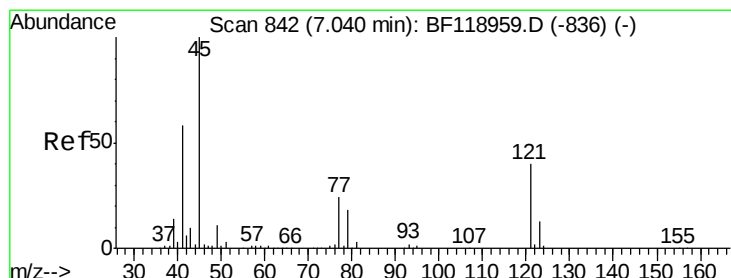
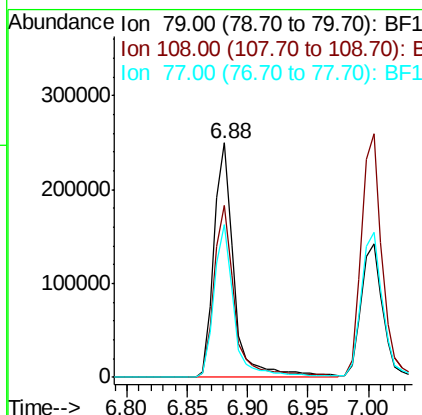
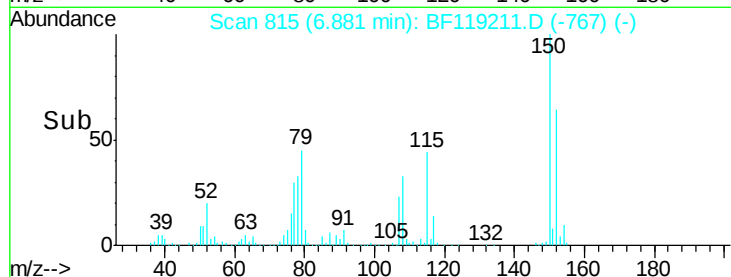
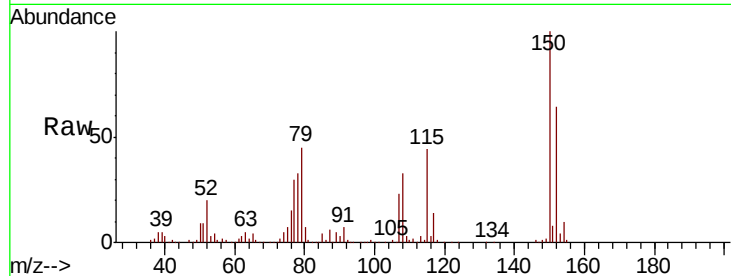
#15
Benzyl Alcohol
Concen: 49.770 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.02 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127235BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.2	58.2	87.2
77	65.4	51.2	76.8

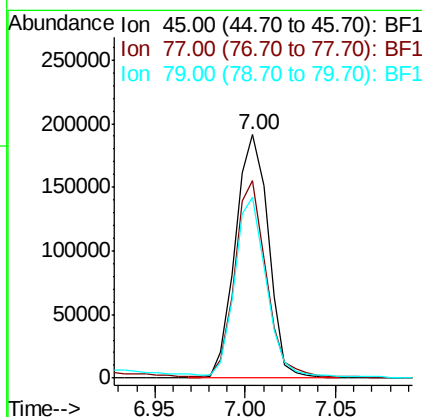
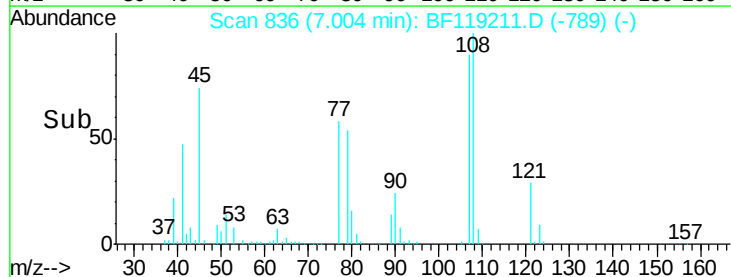
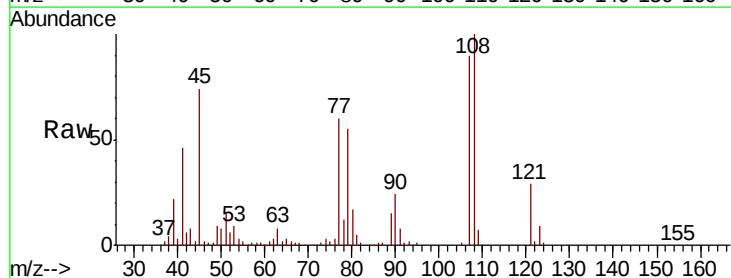
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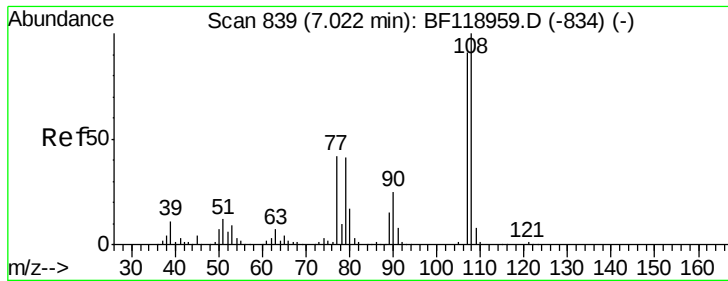
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.851 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.02 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Tgt Ion	Ratio	Lower	Upper
45	100		
77	81.0	15.0	55.0#
79	74.2	9.4	49.4#





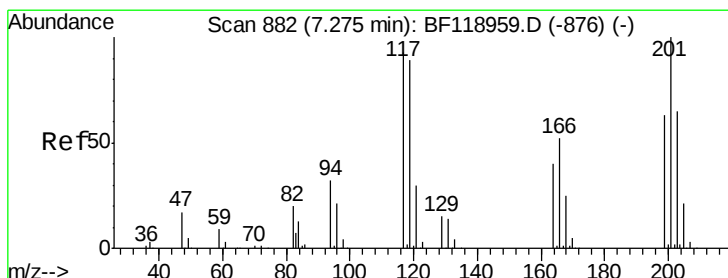
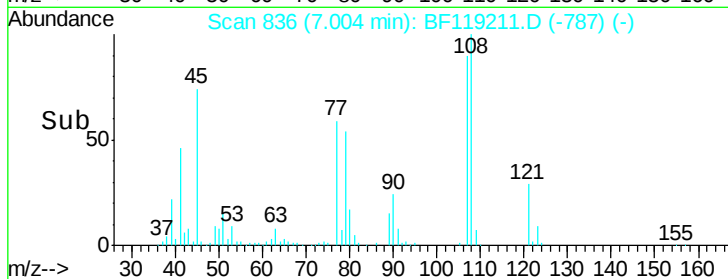
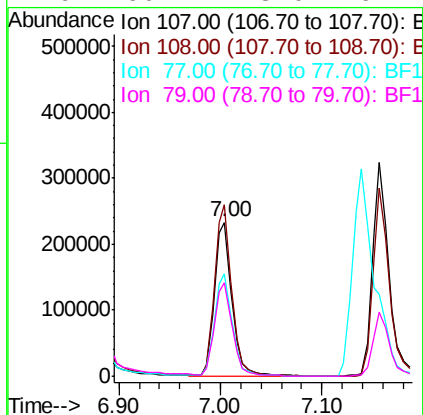
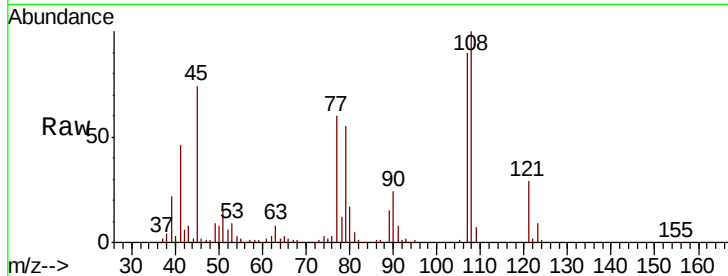
#17
2-Methylphenol
Concen: 48.728 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127235BS

Tot Ion	107	Resp	277942
Ion Ratio	Lower	Upper	
107	100		
108	110.9	87.9	131.9
77	66.3	45.3	67.9
79	60.7	43.0	64.4

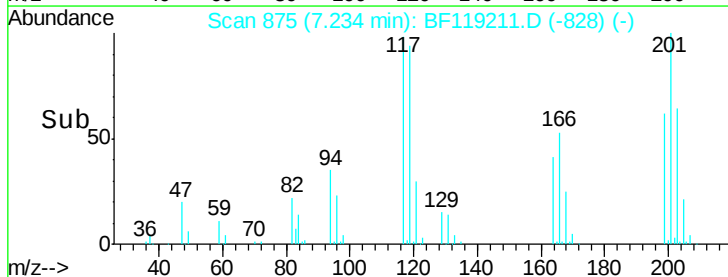
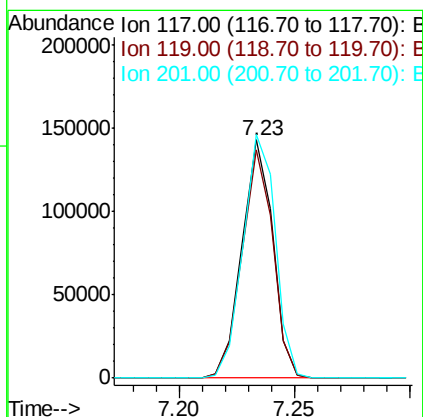
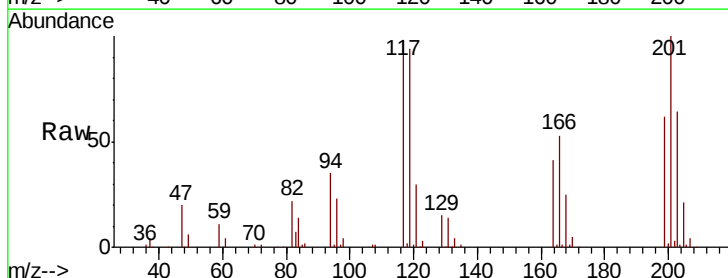
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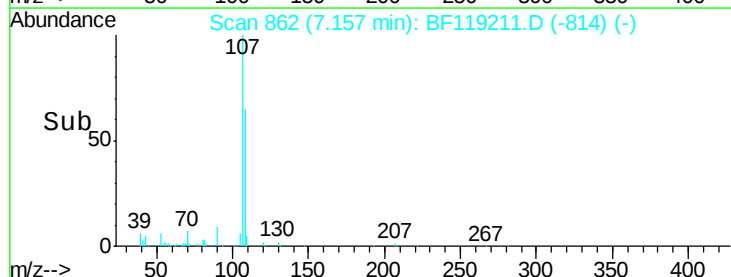
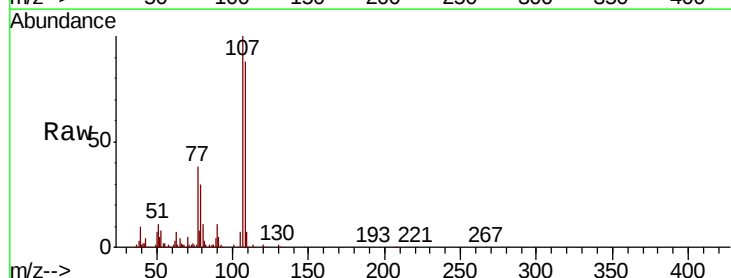
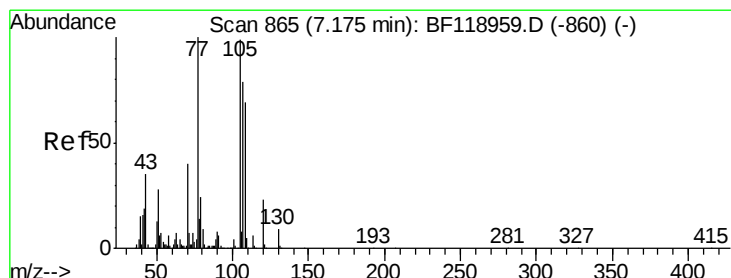
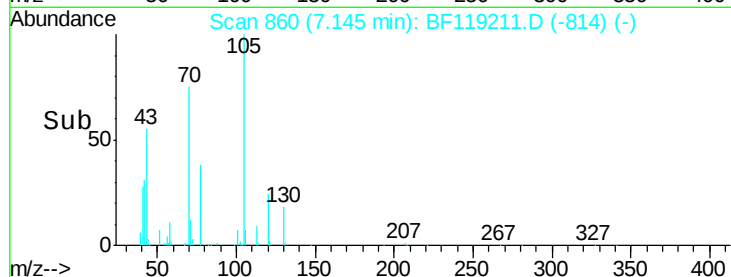
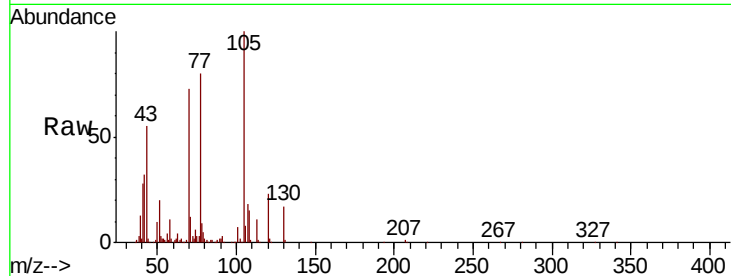
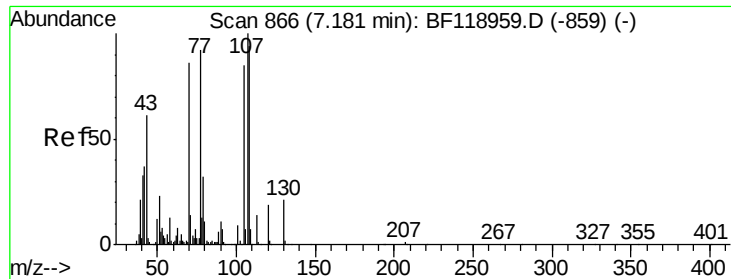
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#18
Hexachloroethane
Concen: 44.489 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

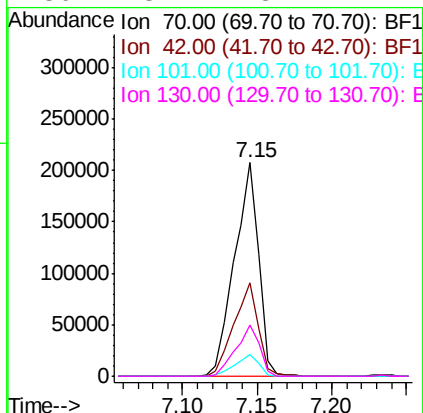
Tgt Ion	117	Resp	134306
Ion Ratio	Lower	Upper	
117	100		
119	96.1	77.5	116.3
201	102.3	82.6	123.8





#19
n-Nitroso-di-n-propylamine
Concen: 51.009 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	43.6	38.0	57.0	
101	10.2	8.2	12.4	
130	23.7	18.2	27.4	



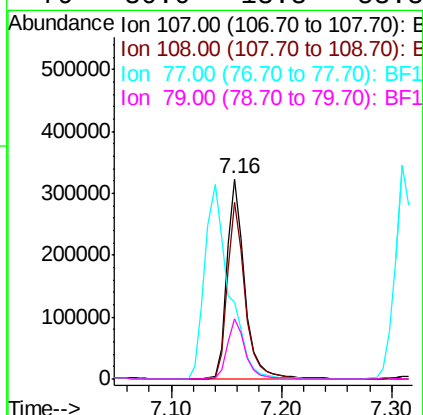
Instrument :
BNA_F
ClientSampleId :
PB127235BS

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#20
3+4-Methylphenols
Concen: 51.941 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.4	71.5	111.5	
77	38.2	45.9	85.9	
79	30.0	13.8	53.8	





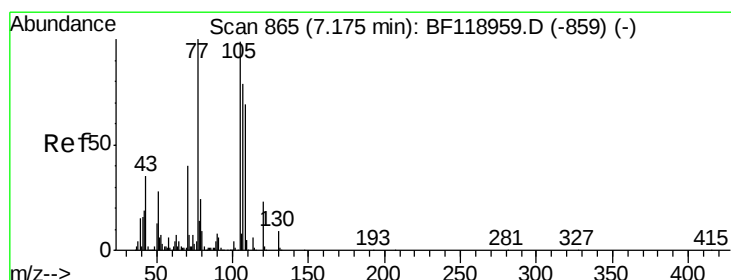
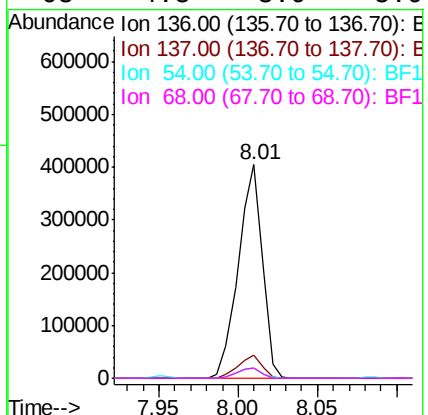
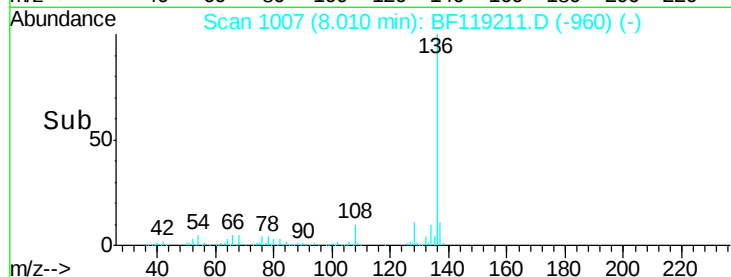
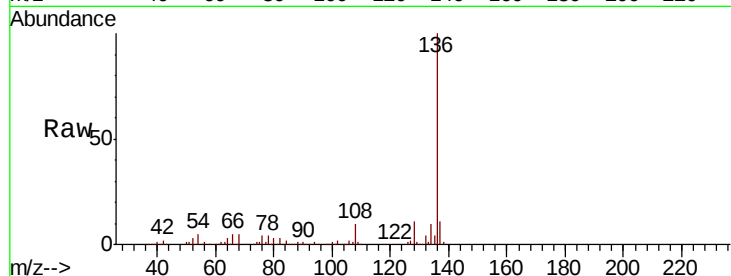
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127235BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	422533		
137	10.8		8.8	13.2
54	4.7		3.8	5.6
68	4.8		3.9	5.9

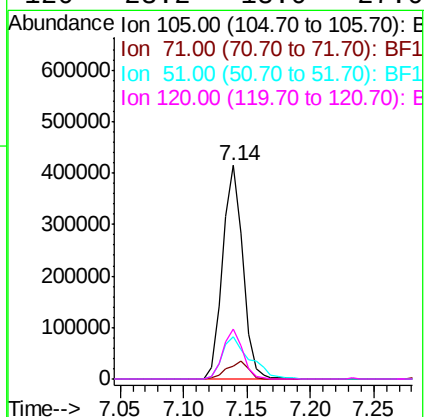
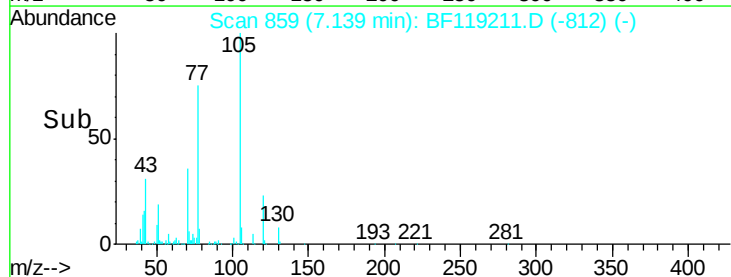
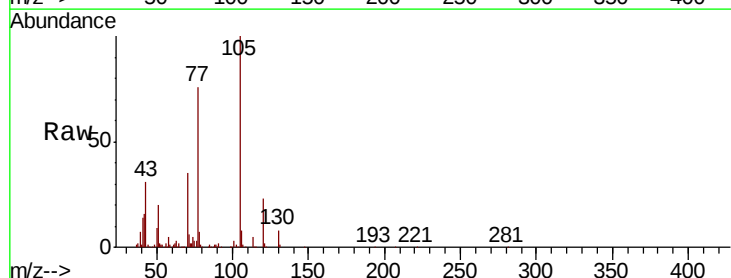
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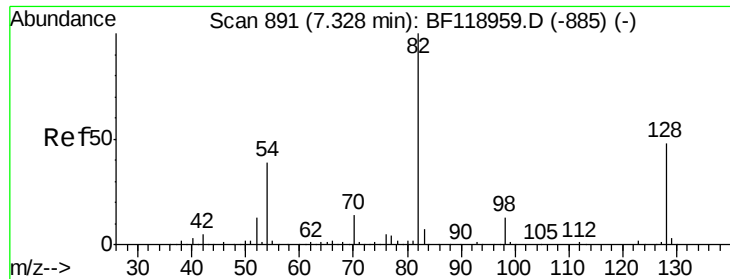
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#22
Acetophenone
Concen: 47.115 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	460609		
71	5.8		3.0	4.4#
51	19.6		20.1	30.1#
120	23.2		18.0	27.0





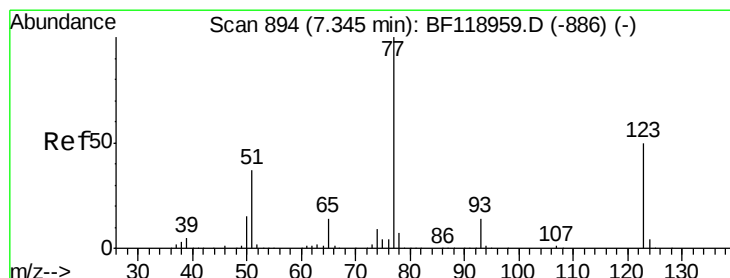
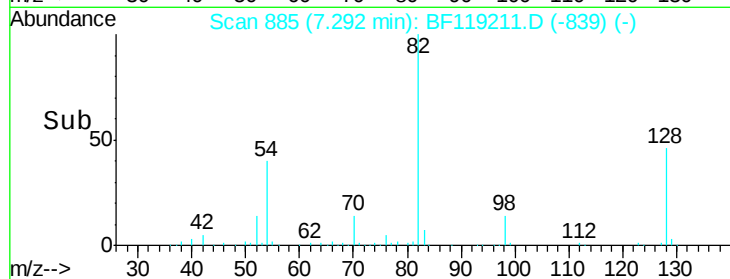
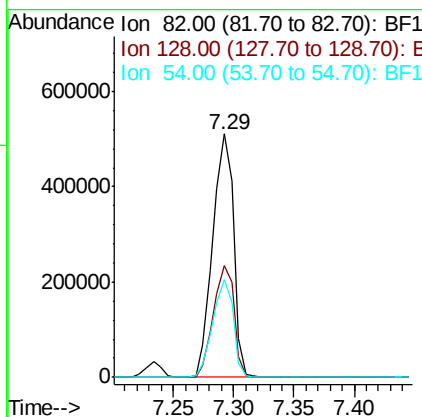
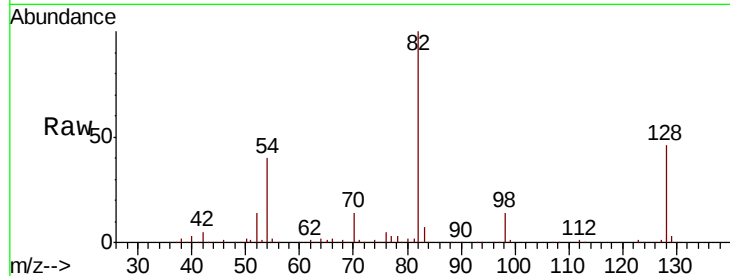
#23
 Nitrobenzene-d5
 Concen: 75.826 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.03 min
 Lab File: BF119211.D
 Acq: 5 Mar 2020 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PB127235BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.9	56.9
54	40.0	33.4	50.2

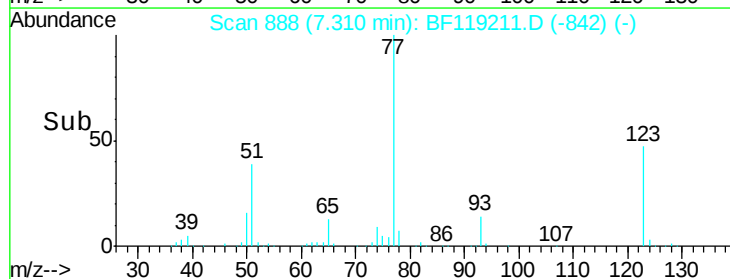
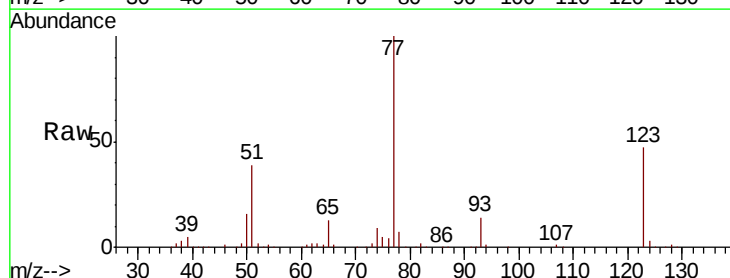
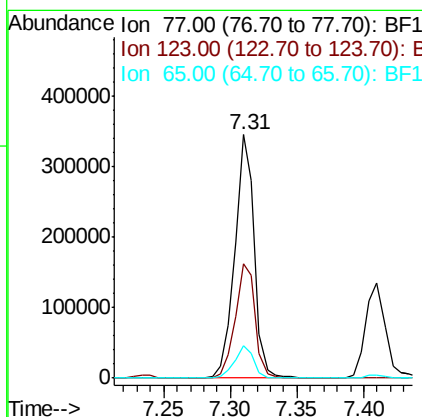
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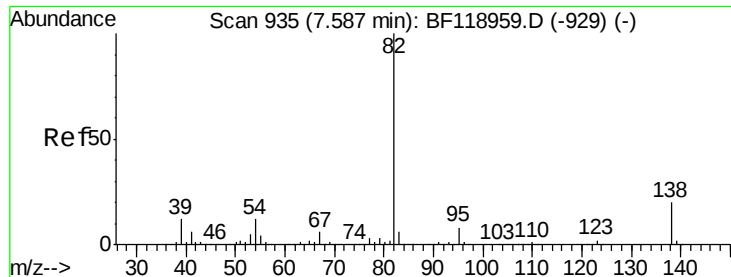
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#24
 Nitrobenzene
 Concen: 44.777 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.03 min
 Lab File: BF119211.D
 Acq: 5 Mar 2020 13:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.1	40.2	60.2
65	13.3	10.8	16.2





#25

Isophorone

Concen: 46.156 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.03 min

Lab File: BF119211.D

Acq: 5 Mar 2020 13:26

Instrument :

BNA_F

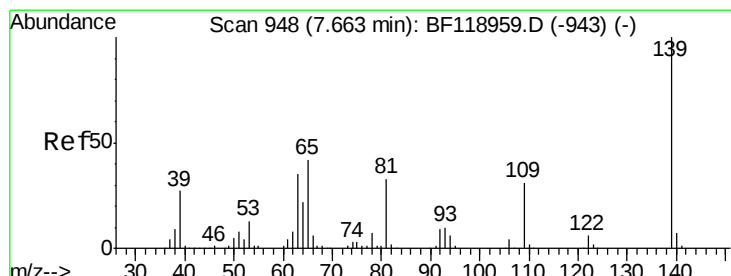
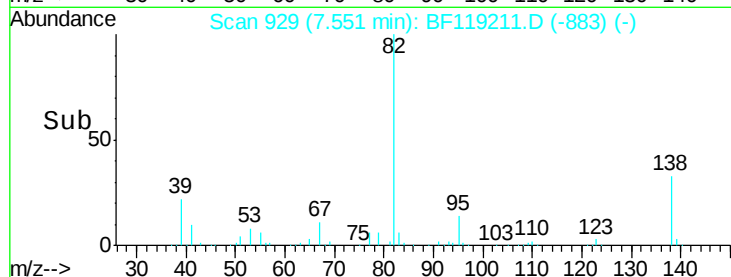
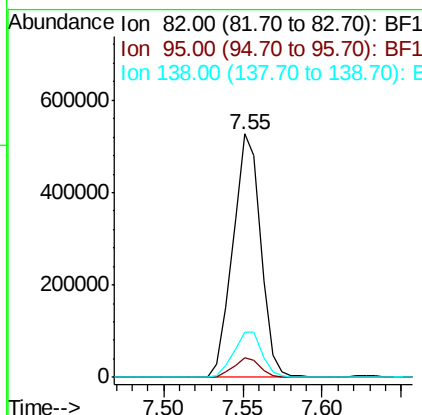
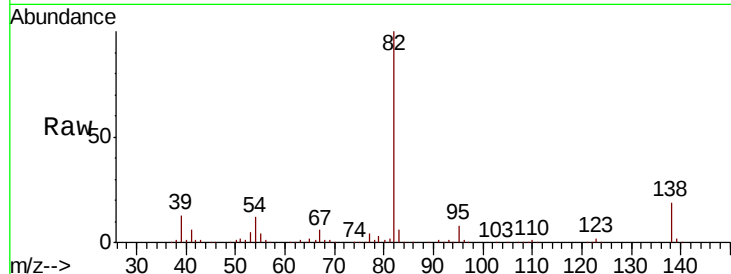
ClientSampleId :

PB127235BS

Tot Ion:	82	Resp:	641473
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.4	9.6
138	18.7	15.7	23.5

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#26

2-Nitrophenol

Concen: 45.720 ng

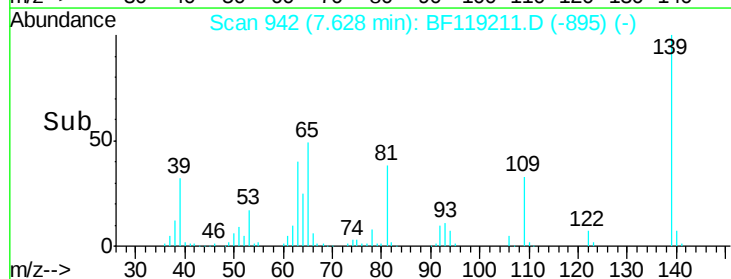
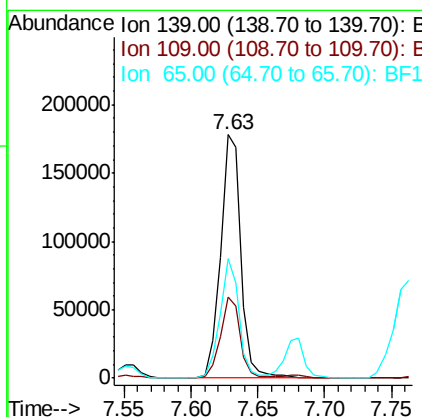
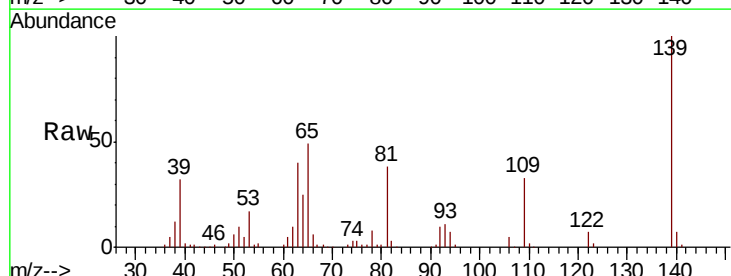
RT: 7.63 min Scan# 942

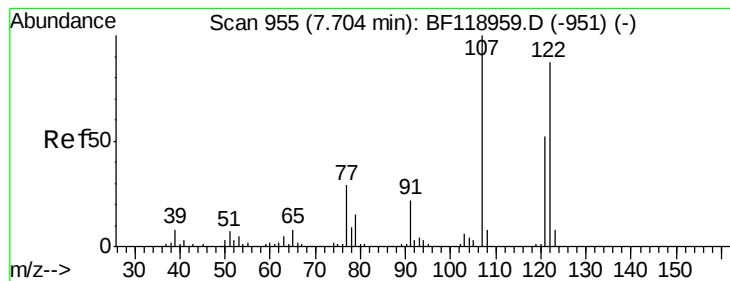
Delta R.T. -0.02 min

Lab File: BF119211.D

Acq: 5 Mar 2020 13:26

Tgt Ion:	139	Resp:	191708
Ion Ratio	Lower	Upper	
139	100		
109	33.1	25.7	38.5
65	49.3	37.1	55.7





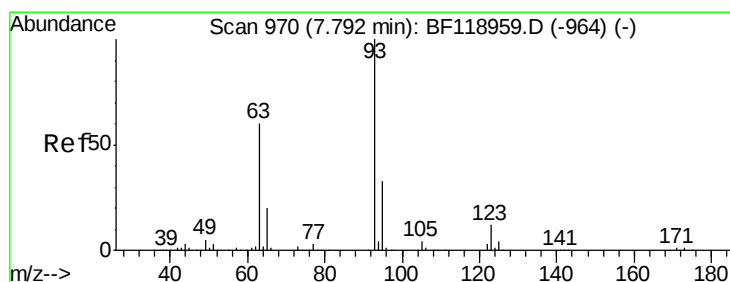
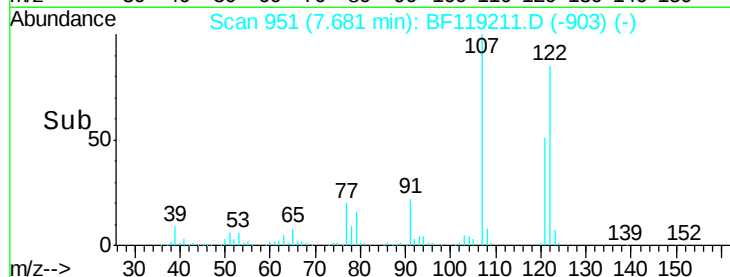
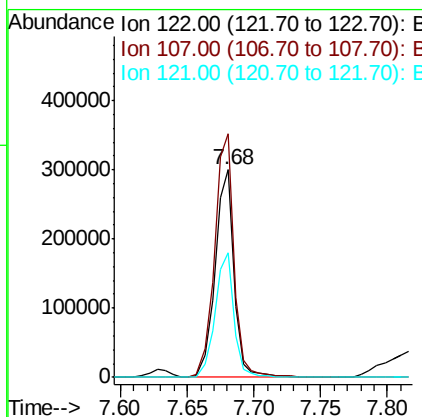
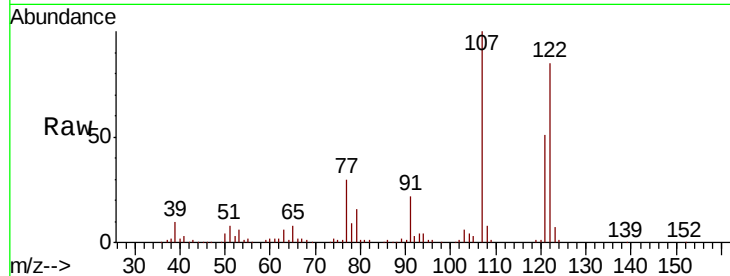
#27
2,4-Dimethylphenol
Concen: 53.213 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.02 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127235BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.2	93.8	140.6
121	59.9	48.2	72.2

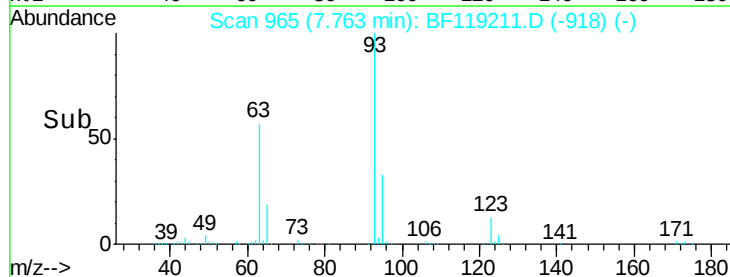
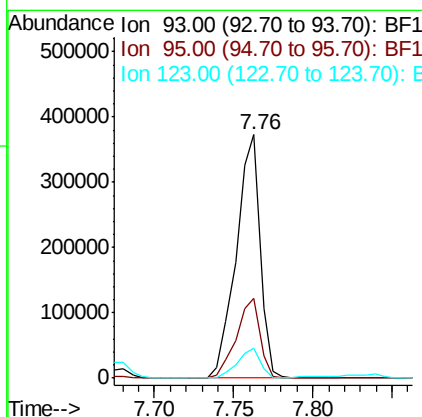
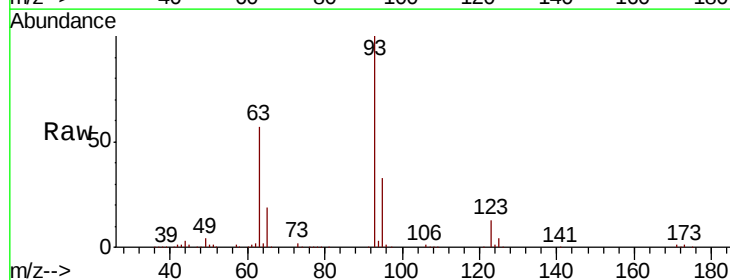
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#28
bis(2-Chloroethoxy)methane
Concen: 43.133 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.5	39.7
123	12.5	10.2	15.2





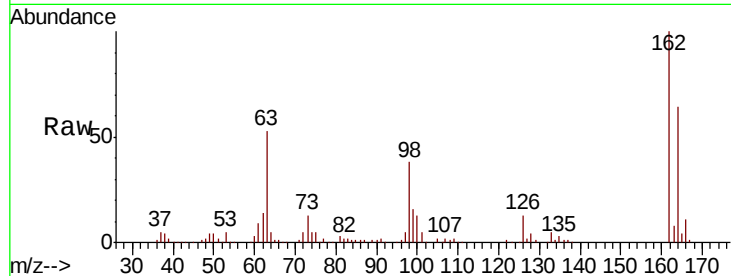
#29
2,4-Dichlorophenol
Concen: 45.426 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127235BS

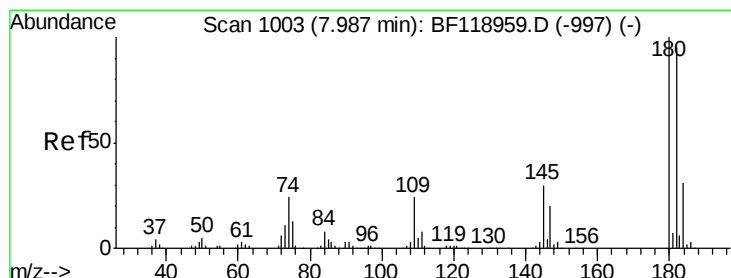
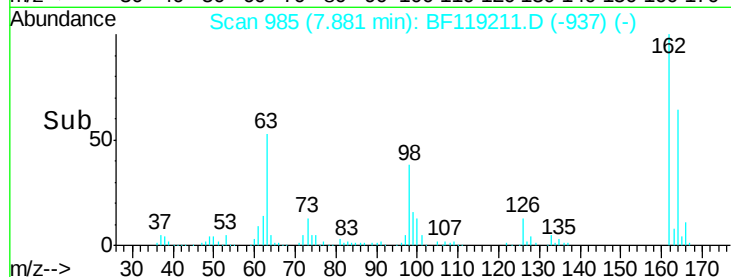
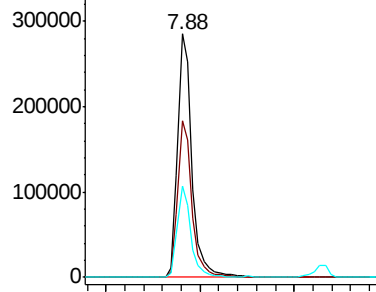
Tot Ion	Ratio	Resp	Lower	Upper
162	100	304327		
164	64.1	45.2	85.2	
98	37.6	17.4	57.4	

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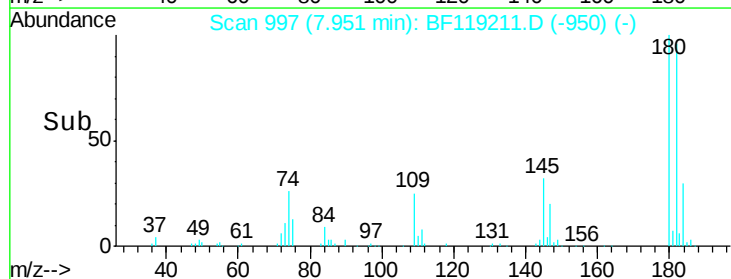
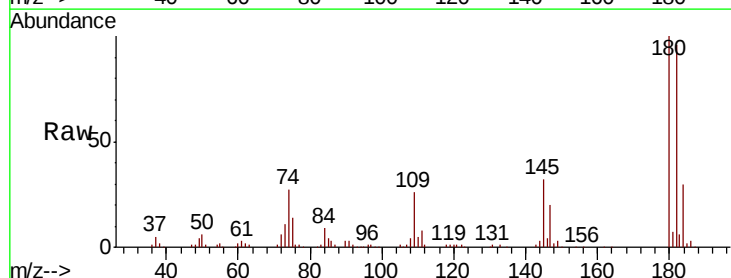
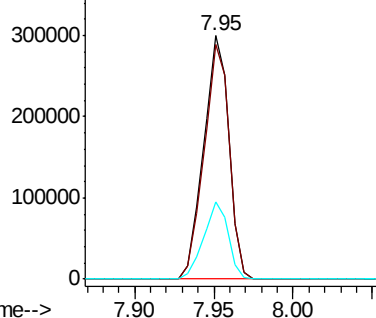
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

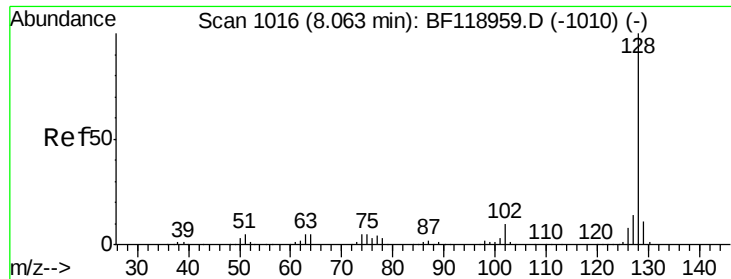


#30
1,2,4-Trichlorobenzene
Concen: 41.553 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	330057		
182	96.3	77.8	116.6	
145	31.5	25.2	37.8	

Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





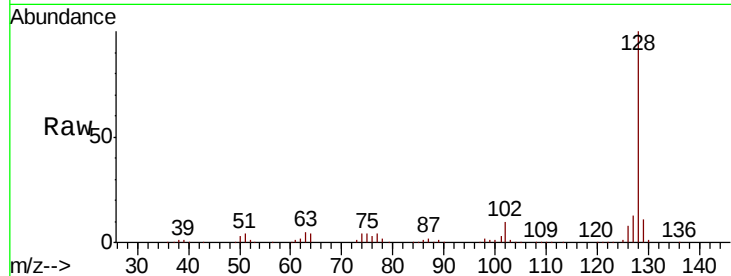
#31
Naphthalene
Concen: 45.383 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127235BS

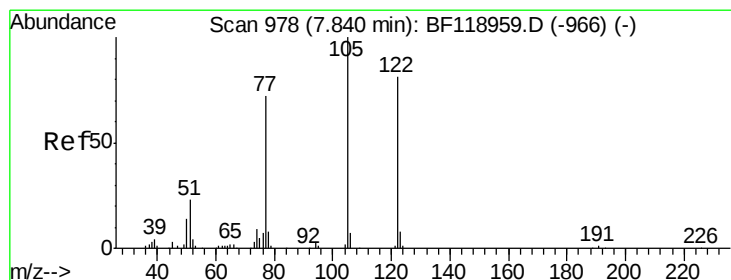
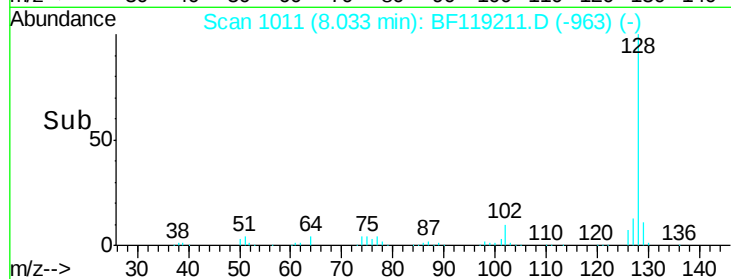
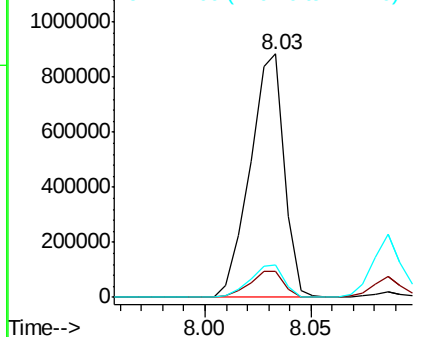
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.2
127	13.3	11.4	17.2

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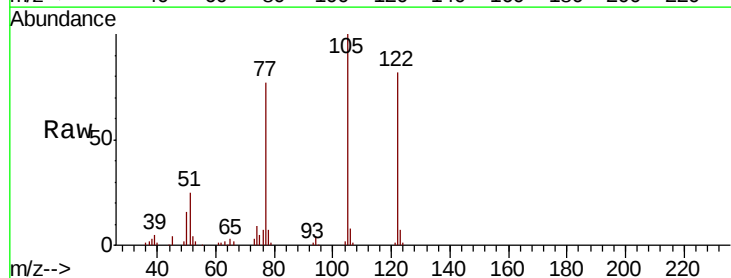


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

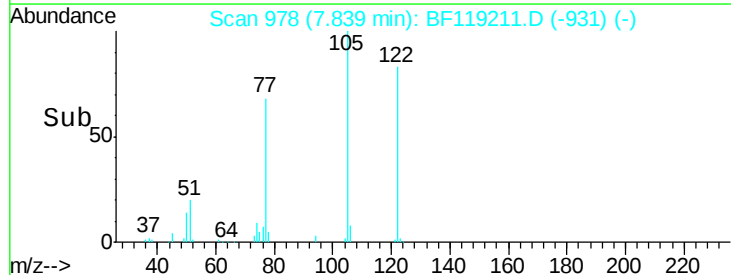
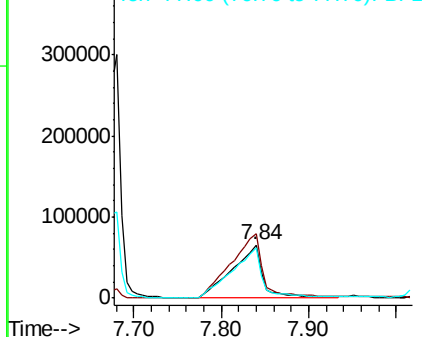


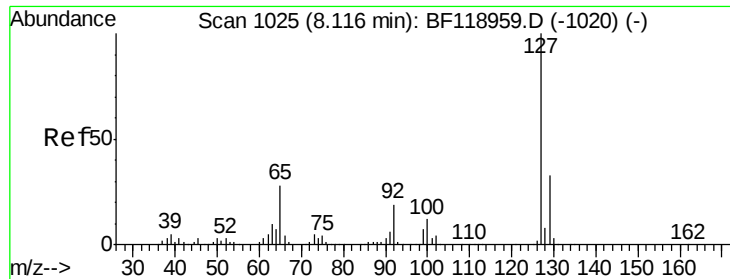
#32
Benzoic acid
Concen: 39.943 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.02 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.3	106.3	146.3
77	94.4	73.1	113.1



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





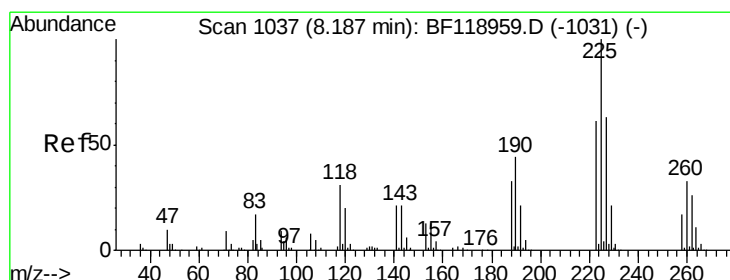
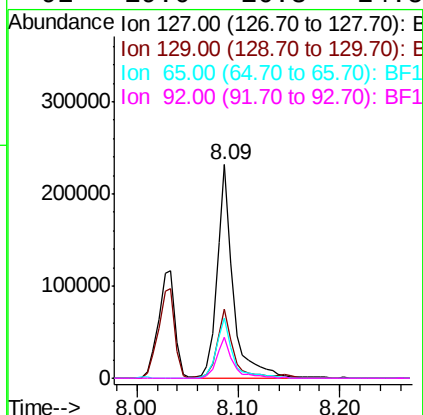
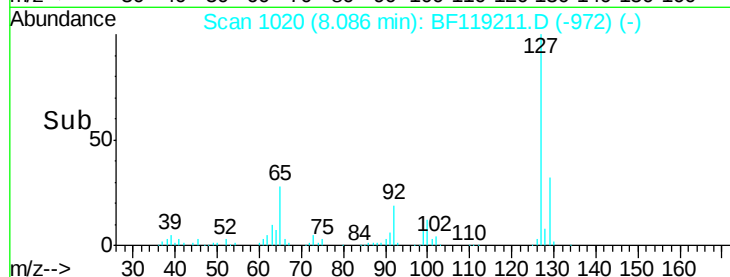
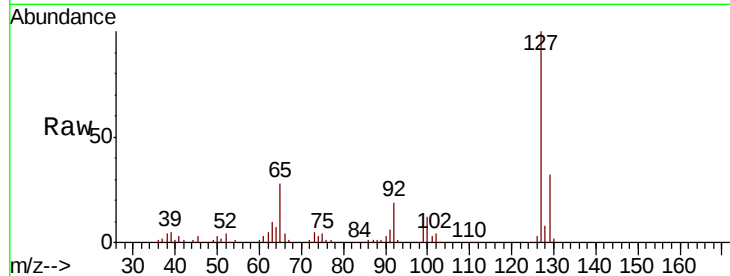
#33
4-Chloroaniline
Concen: 26.781 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127235BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	25.9	38.9		
65	28.1	23.9	35.9		
92	19.0	16.3	24.5		

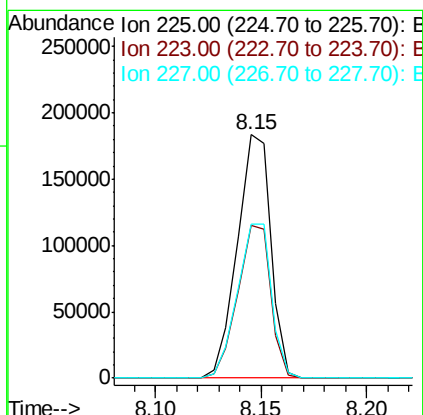
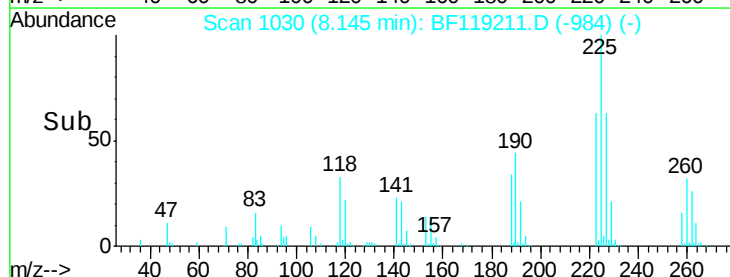
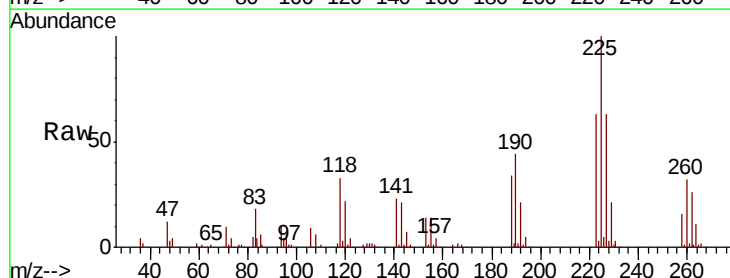
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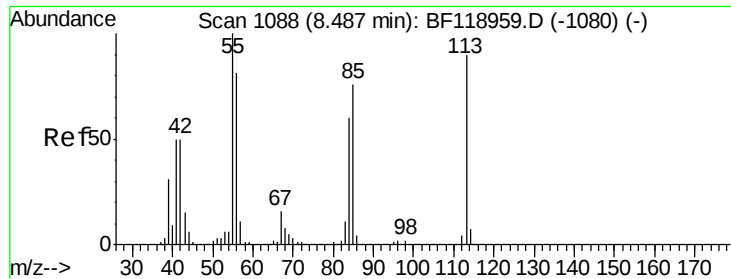
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#34
Hexachlorobutadiene
Concen: 40.814 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	49.4	74.2		
227	63.2	52.9	79.3		





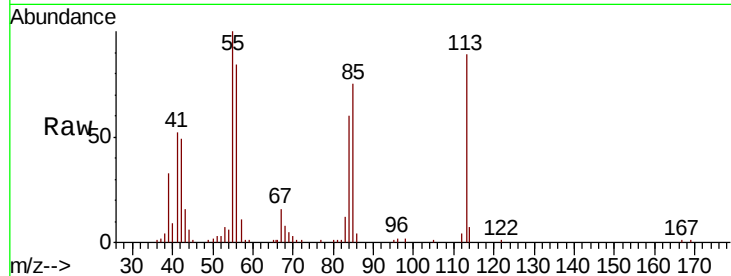
#35
Caprolactam
Concen: 43.890 ng/ml
RT: 8.46 min Scan# 1084
Delta R.T. -0.04 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127235BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	112.9	95.7	135.7
56	95.4	73.1	113.1

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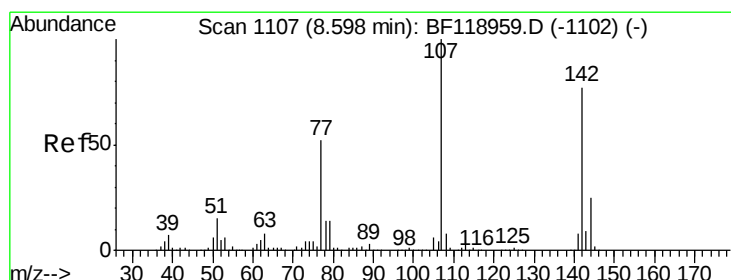
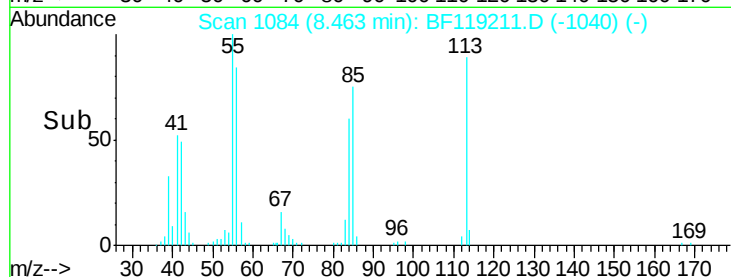
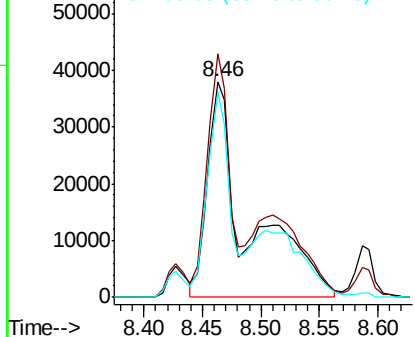


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 47.762 ng/ml
RT: 8.59 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

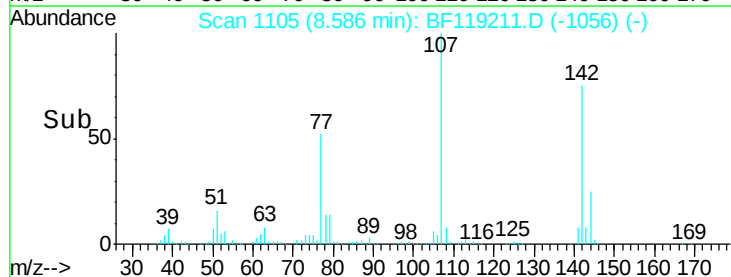
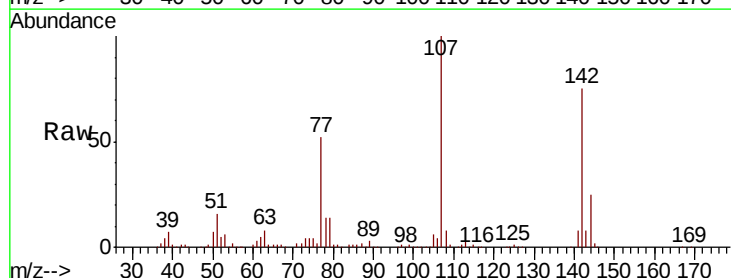
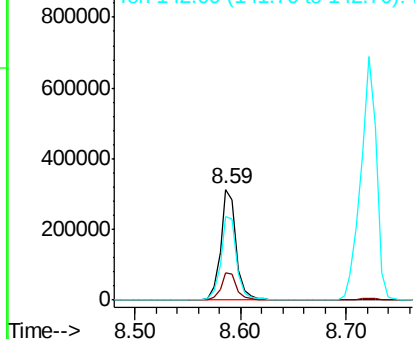
Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.7	20.1	30.1
142	75.2	61.4	92.2

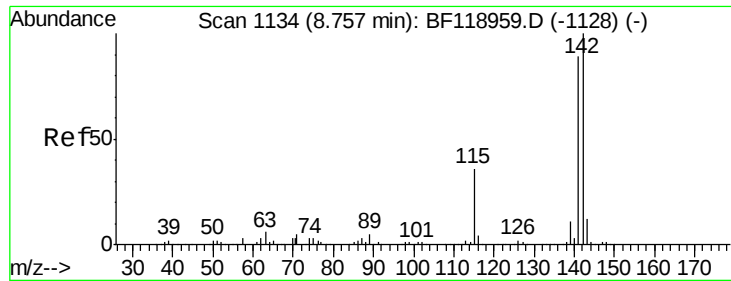
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





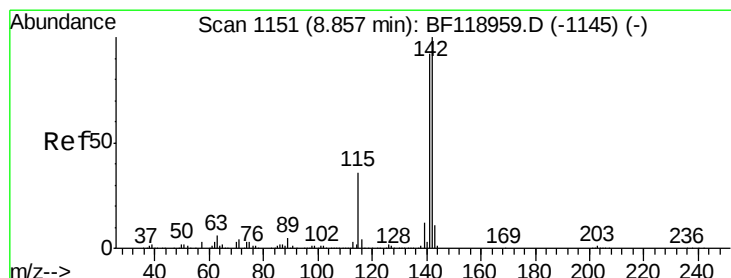
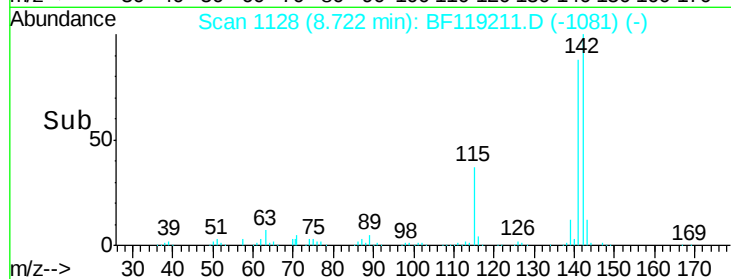
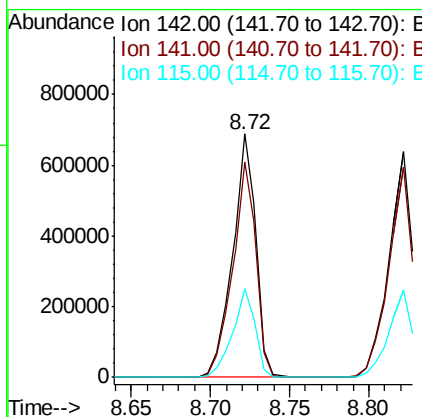
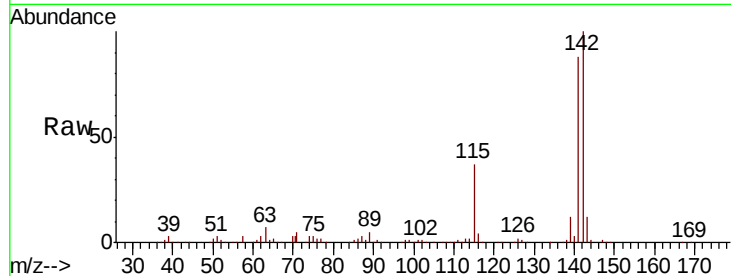
#37
2-Methylnaphthalene
Concen: 47.065 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127235BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.3	108.5
115	36.6	30.6	45.8

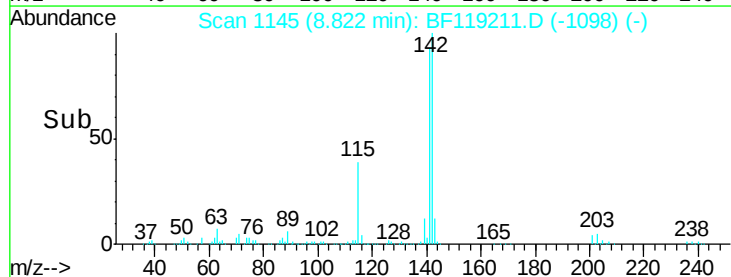
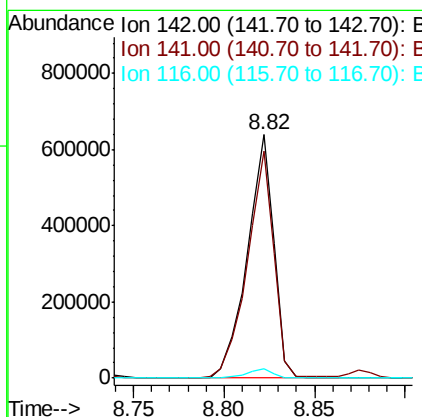
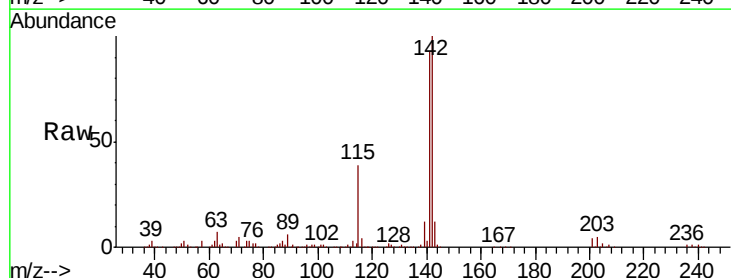
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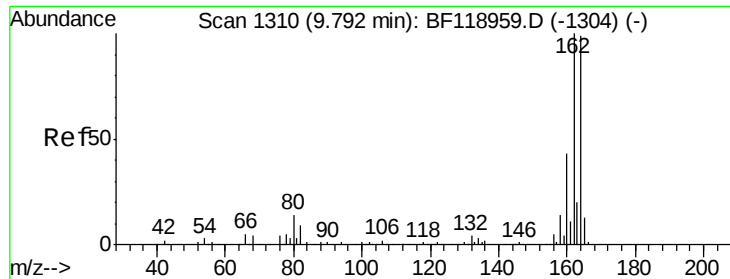
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#38
1-Methylnaphthalene
Concen: 46.598 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	75.8	113.6
116	4.0	3.1	4.7





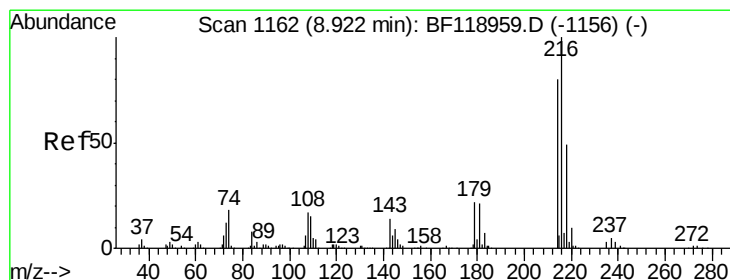
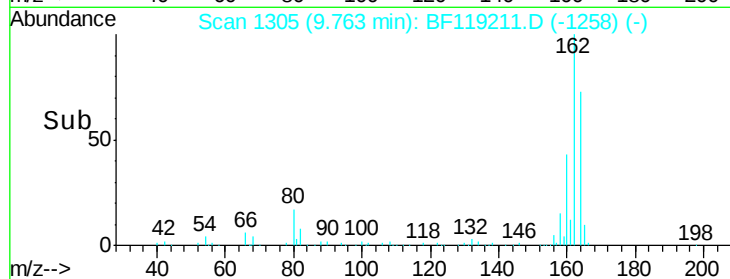
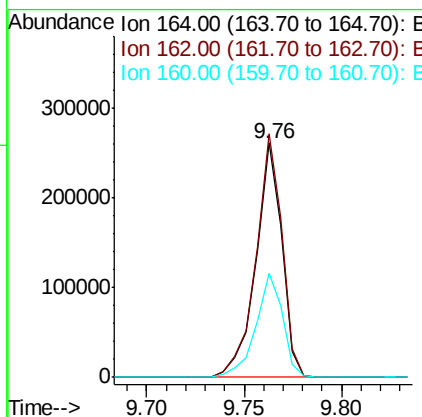
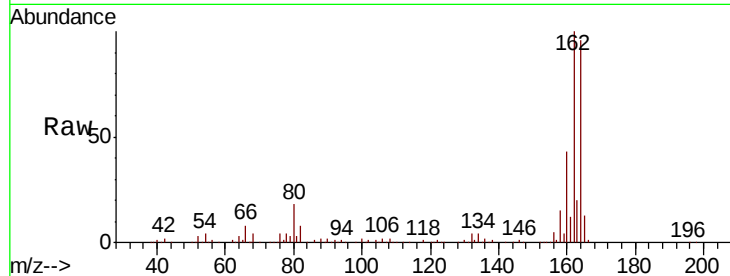
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.02 min
 Lab File: BF119211.D
 Acq: 5 Mar 2020 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PB127235BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	81.8	122.8
160	44.4	36.0	54.0

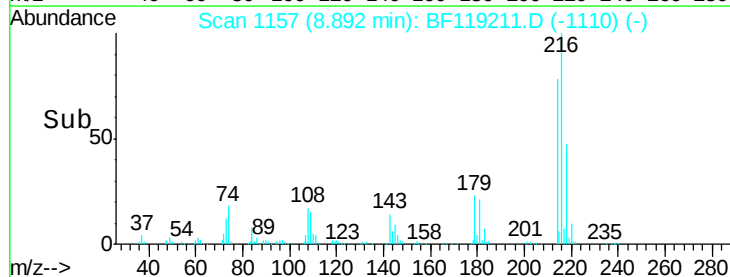
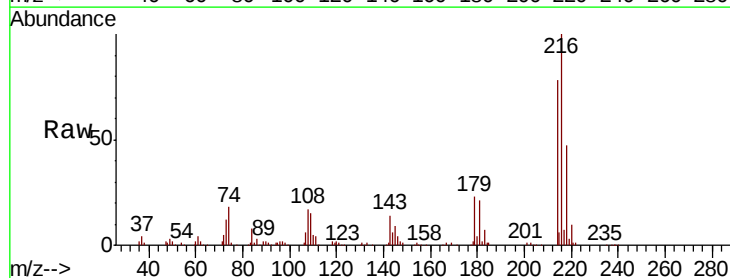
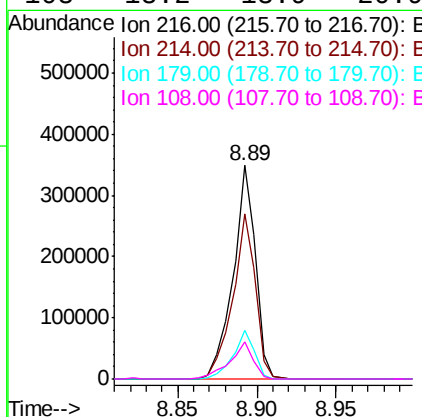
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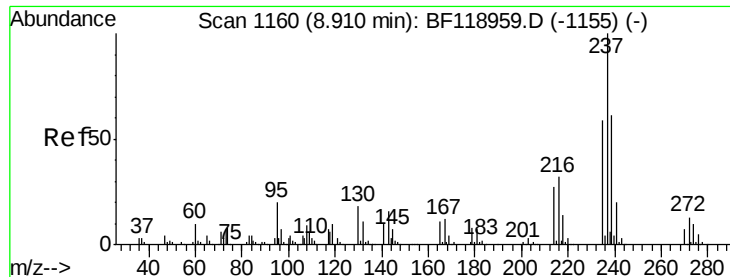
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.836 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF119211.D
 Acq: 5 Mar 2020 13:26

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.3	94.9
179	21.7	17.7	26.5
108	18.2	13.9	20.9





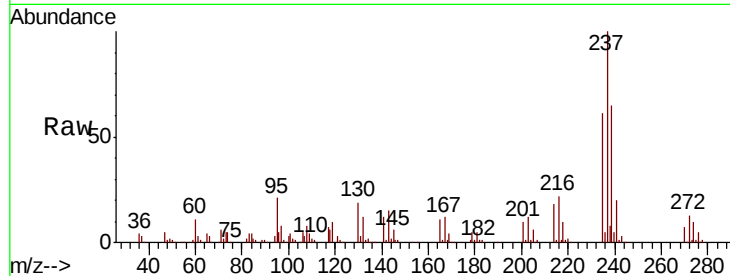
#41
Hexachlorocyclopentadiene
Concen: 59.961 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127235BS

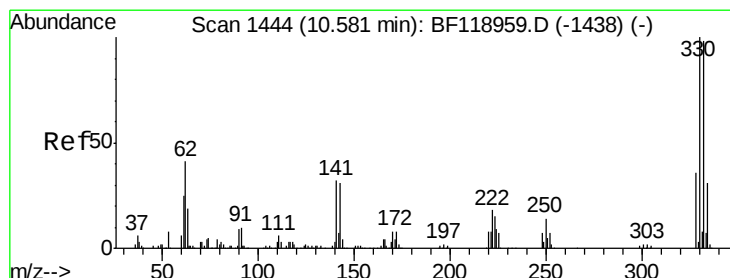
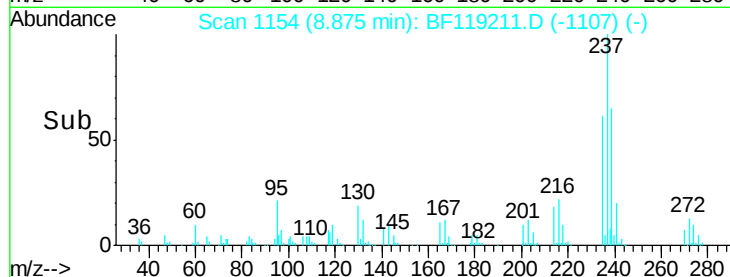
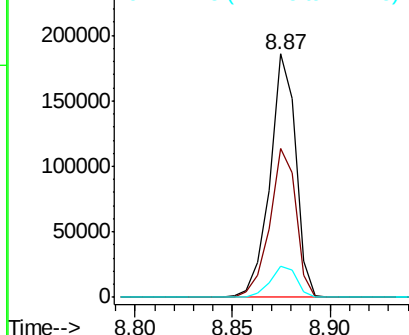
Tot Ion	Ratio	Resp	Lower	Upper
237	100	170340		
235	61.0	42.3	82.3	
272	13.0	0.0	33.5	

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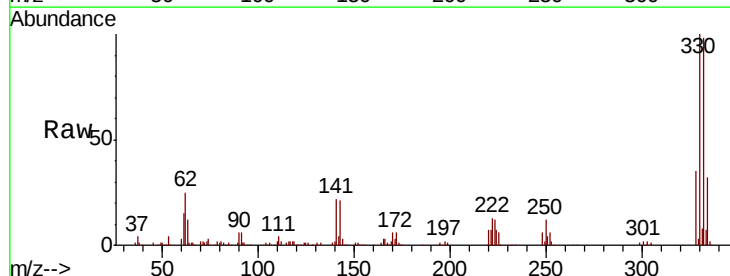


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

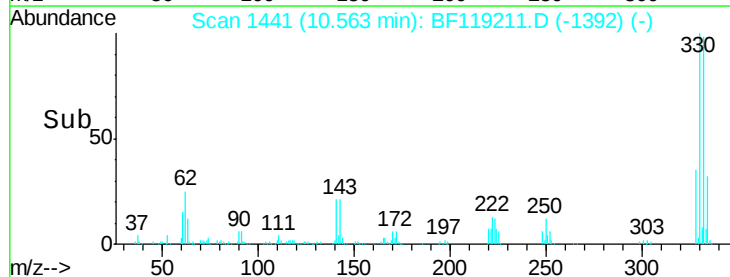
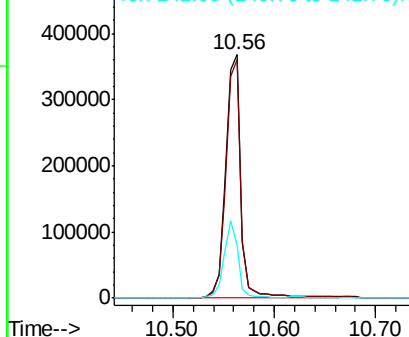


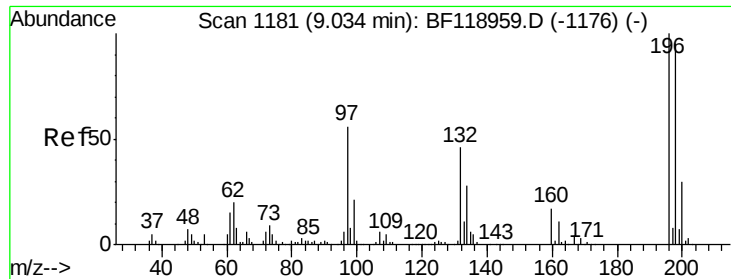
#42
2,4,6-Tribromophenol
Concen: 120.268 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	381139		
332	96.8	76.0	114.0	
141	29.5	22.9	34.3	



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





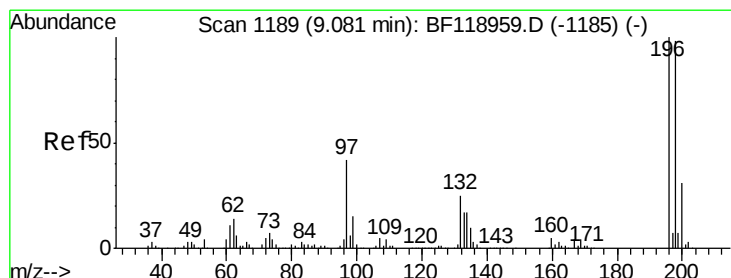
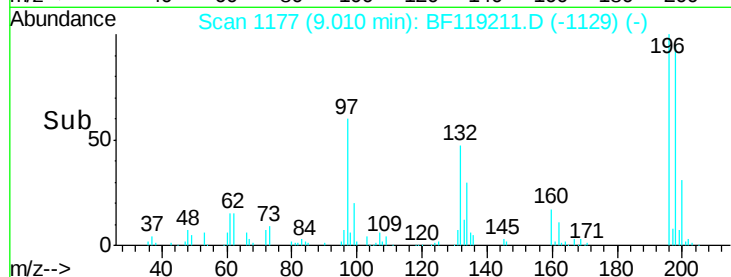
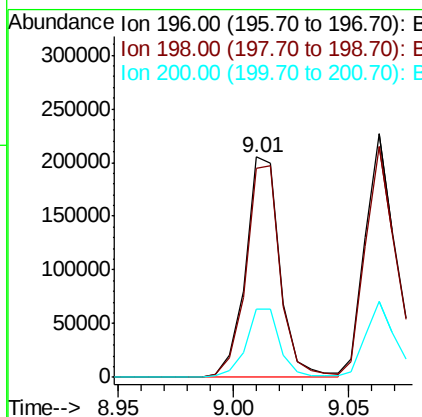
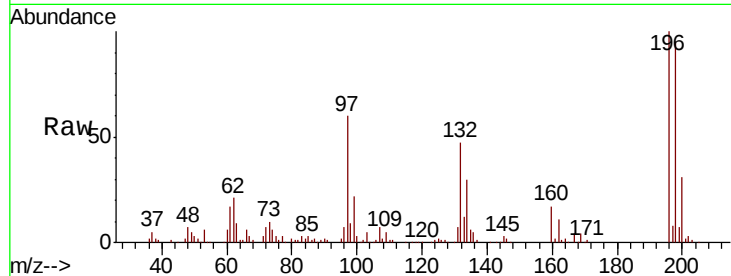
#43
 2,4,6-Trichlorophenol
 Concen: 41.558 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF119211.D
 Acq: 5 Mar 2020 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PB127235BS

Tot Ion:	196	Resp:	214353
Ion Ratio	Lower	Upper	
196	100		
198	95.1	77.1	115.7
200	31.2	25.0	37.6

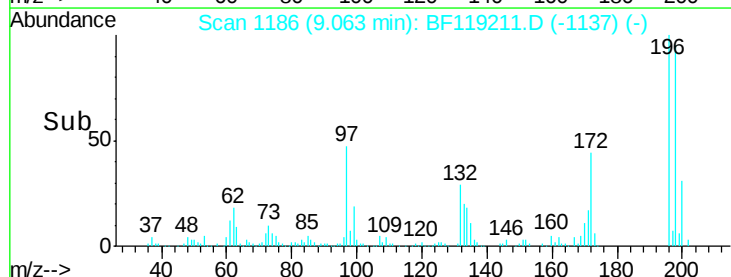
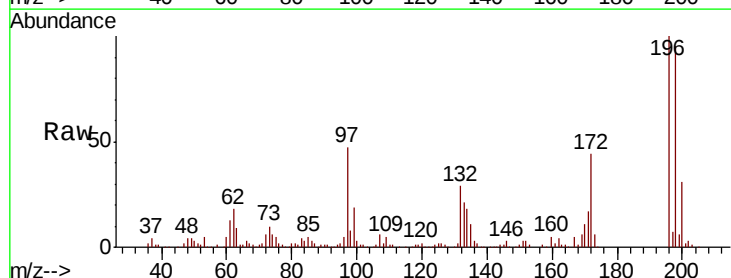
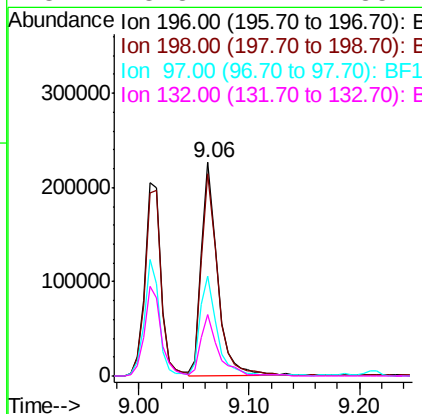
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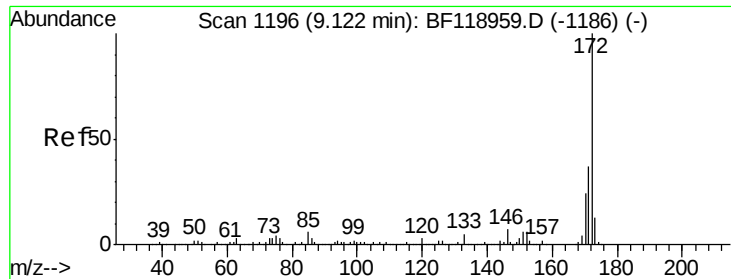
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#44
 2,4,5-Trichlorophenol
 Concen: 41.132 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF119211.D
 Acq: 5 Mar 2020 13:26

Tgt Ion:	196	Resp:	222625
Ion Ratio	Lower	Upper	
196	100		
198	94.9	76.8	115.2
97	47.0	38.5	57.7
132	28.8	22.2	33.4





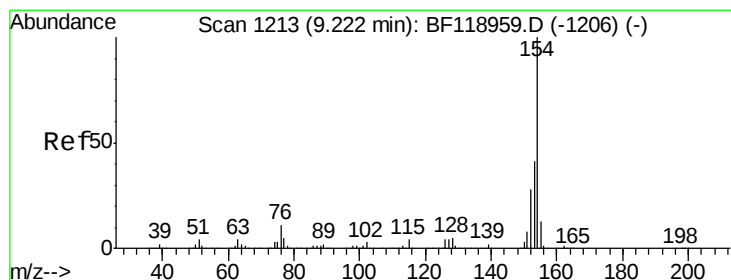
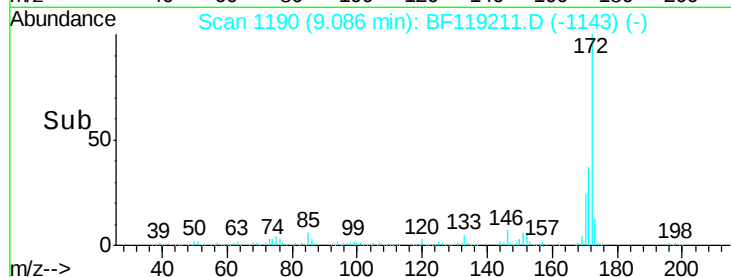
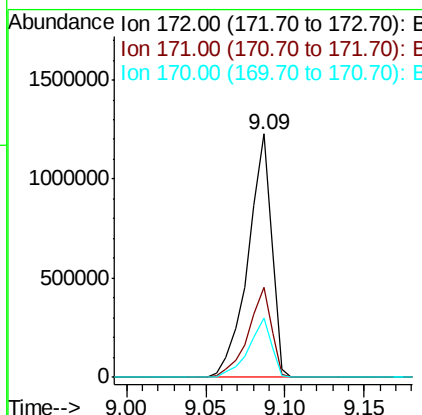
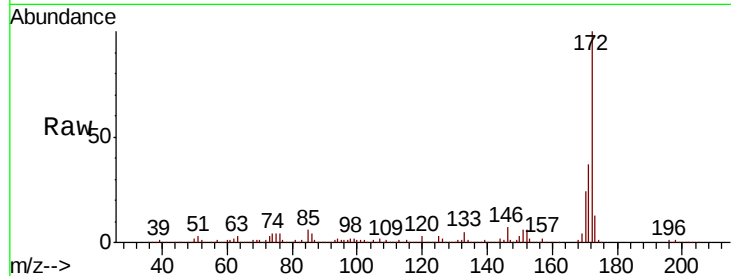
#45
2-Fluorobiphenyl
Concen: 76.929 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127235BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.6	45.8
170	24.1	20.2	30.2

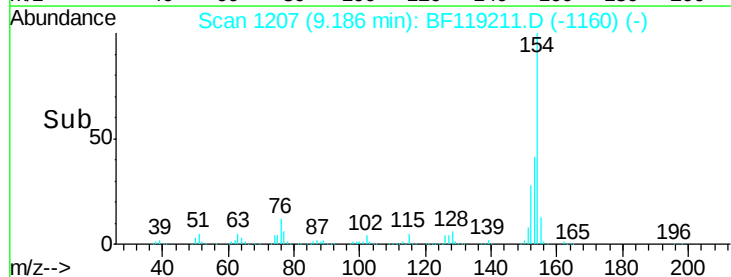
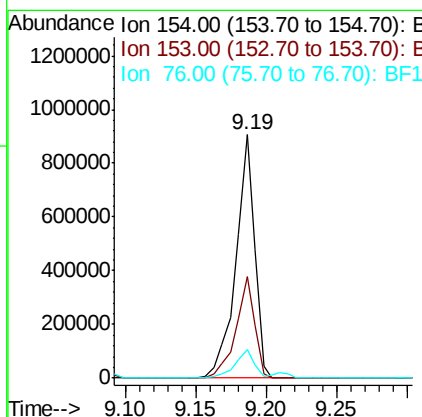
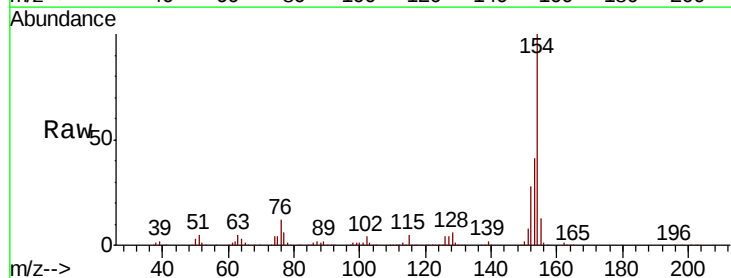
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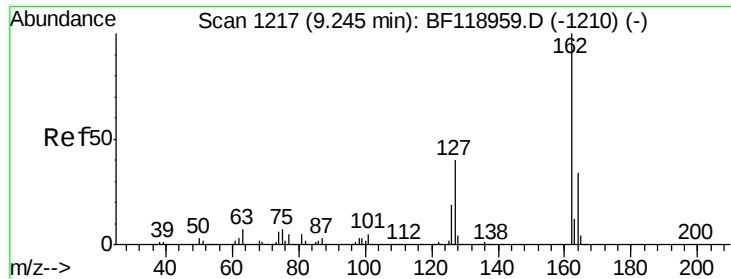
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#46
1,1'-Biphenyl
Concen: 42.710 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.8	62.8
76	11.9	0.0	32.2





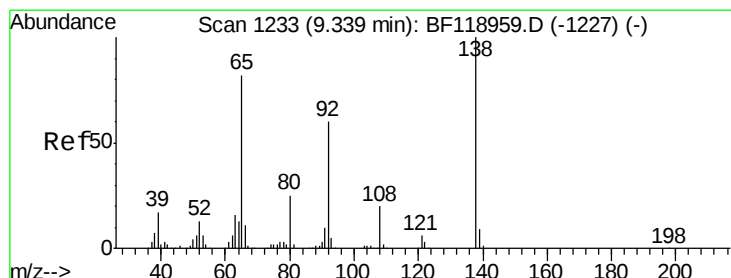
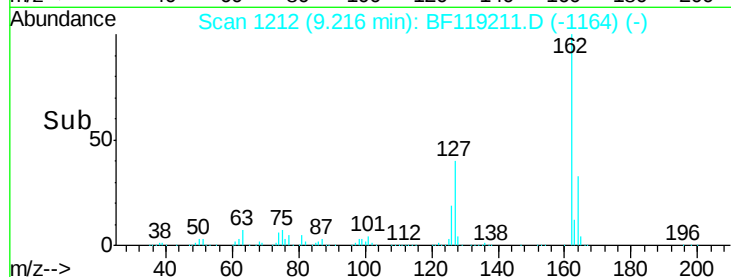
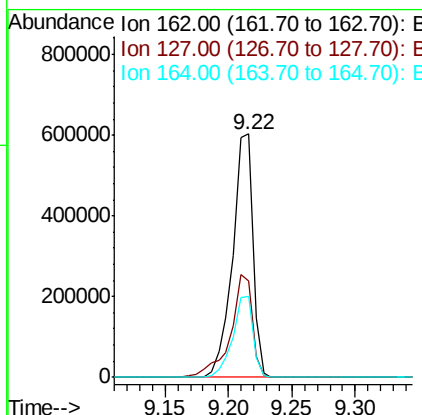
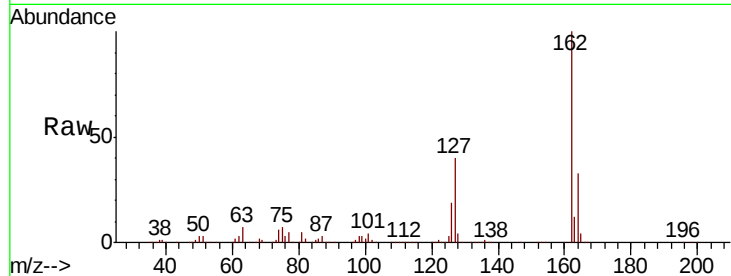
#47
2-Chloronaphthalene
Concen: 42.284 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127235BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	667150		
127	39.5		35.0	52.4
164	33.2		27.2	40.8

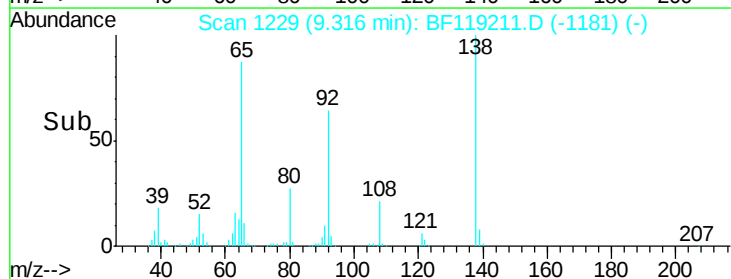
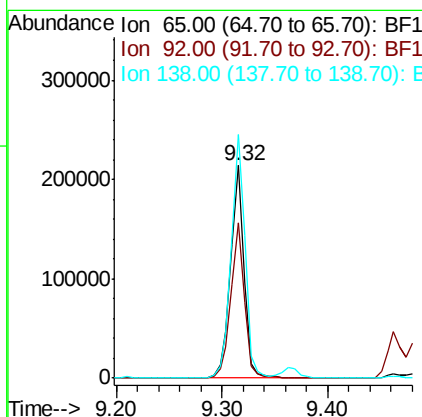
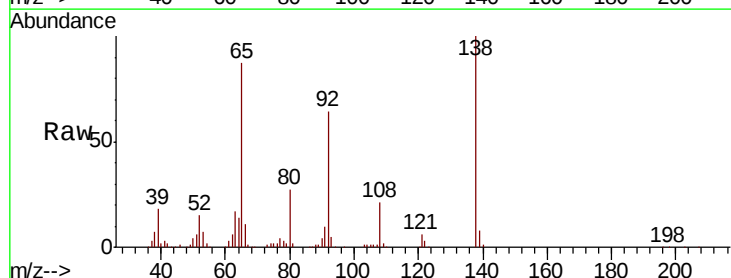
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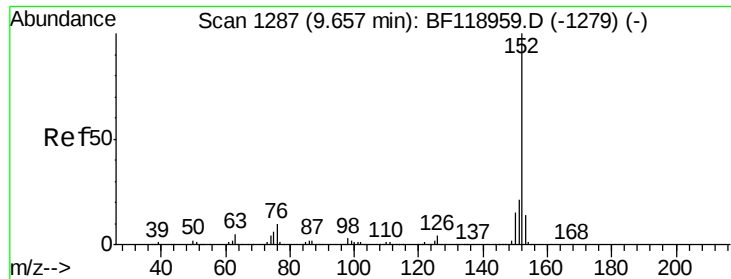
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#48
2-Nitroaniline
Concen: 43.130 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.02 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	189803		
92	73.4		58.2	87.2
138	114.6		95.6	143.4





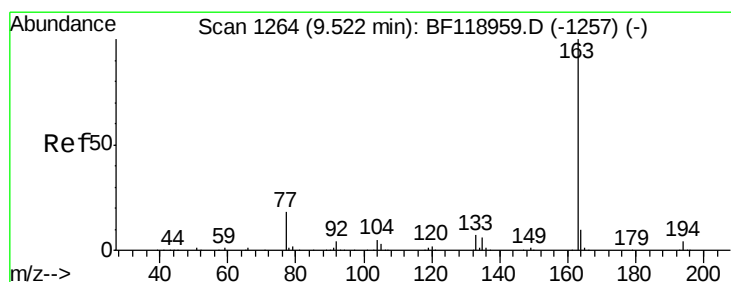
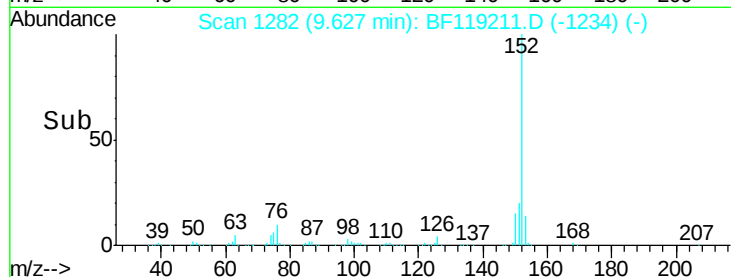
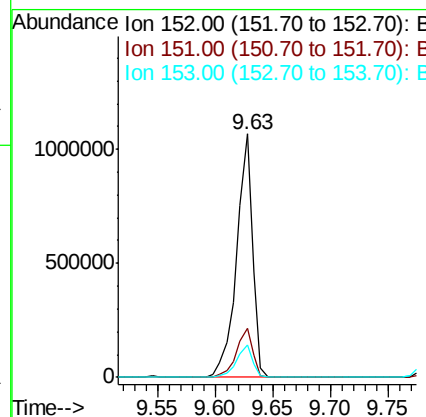
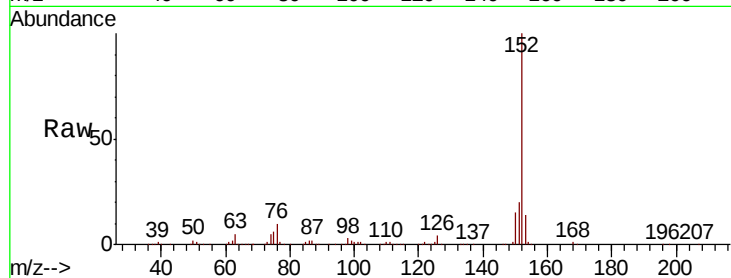
#49
Acenaphthylene
Concen: 44.746 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127235BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.9	25.3
153	13.6	11.0	16.6

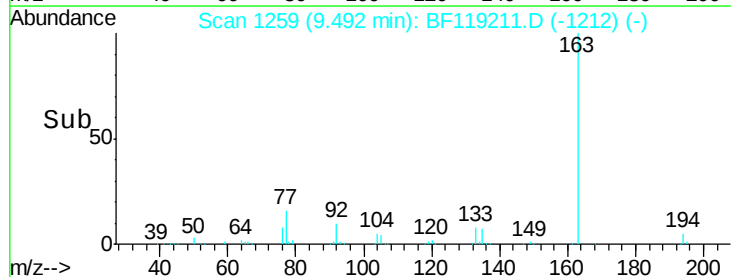
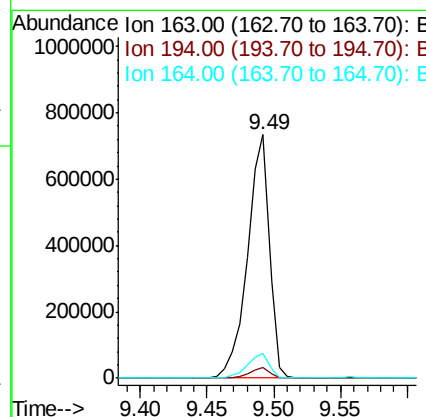
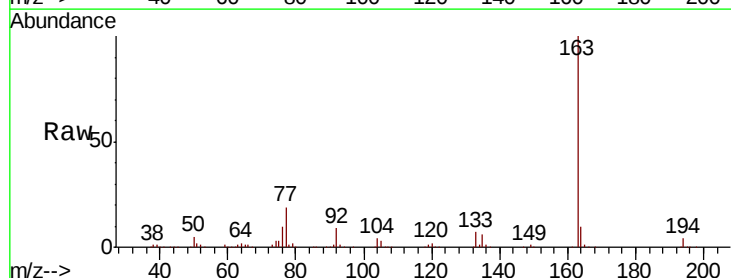
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#50
Dimethylphthalate
Concen: 44.478 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.1	8.4	12.6





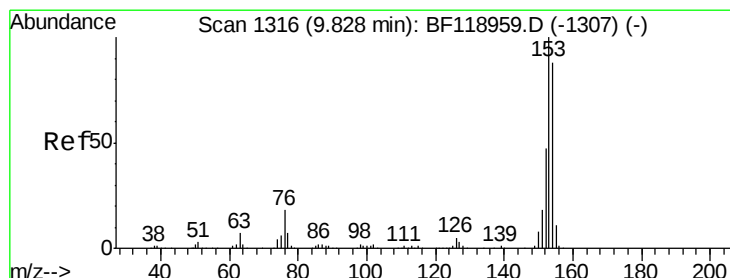
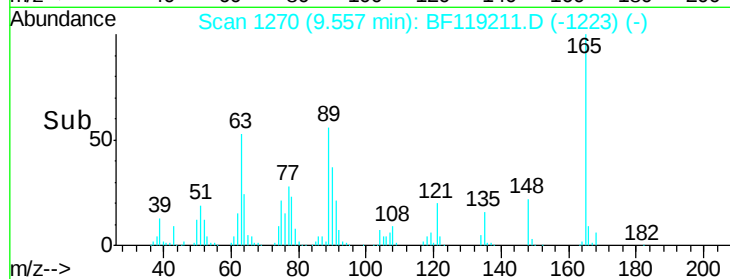
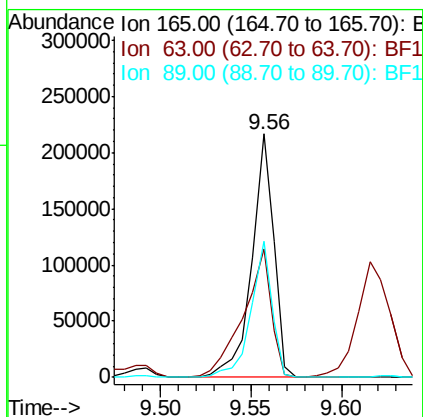
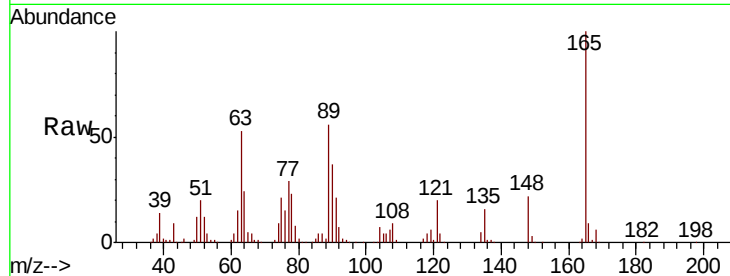
#51
2,6-Dinitrotoluene
Concen: 44.437 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Instrument :
BNA_F
ClientSampled :
PB127235BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	52.9	34.3	51.5#
89	55.7	38.3	57.5

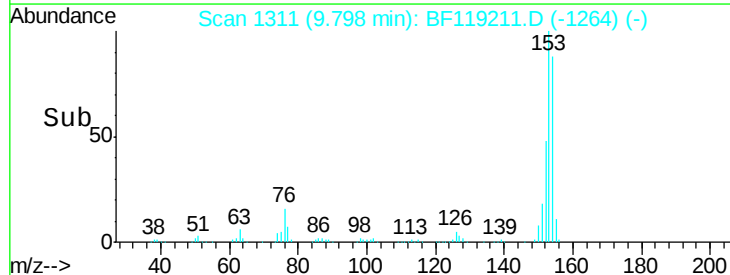
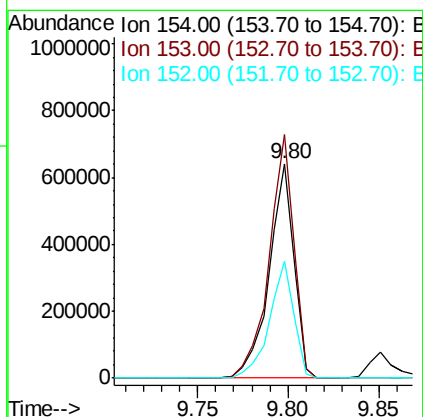
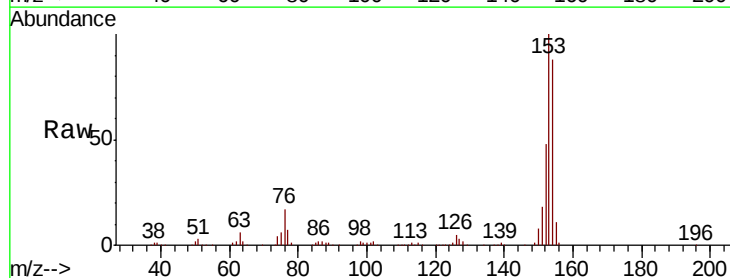
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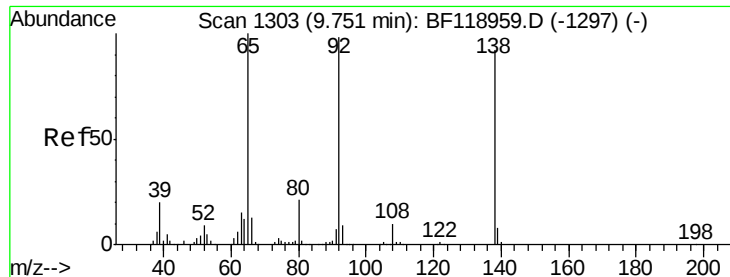
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#52
Acenaphthene
Concen: 44.355 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.6	90.3	135.5
152	54.8	43.8	65.8





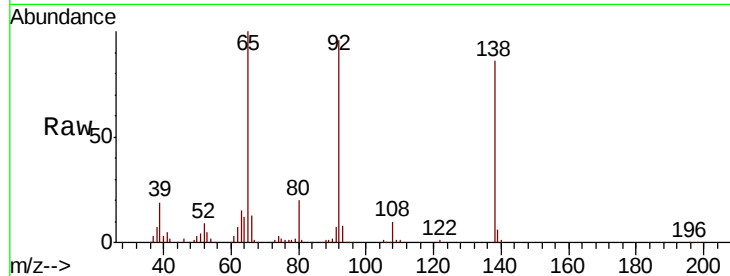
#53
3-Nitroaniline
Concen: 27.161 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127235BS

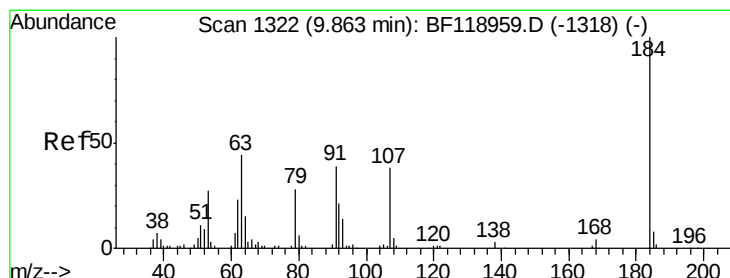
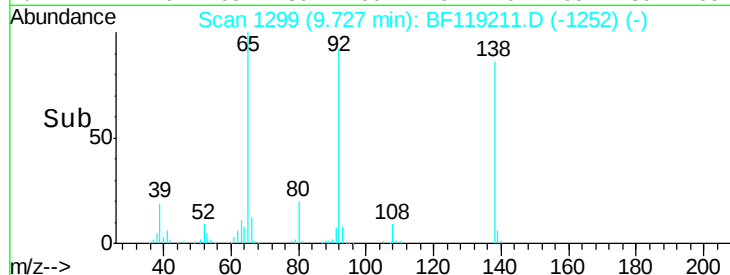
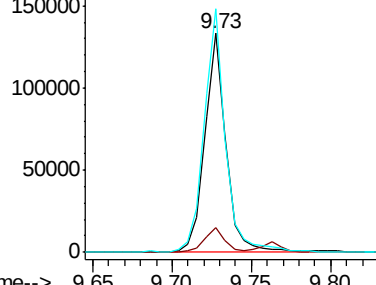
Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	11.1	8.8	13.2	
92	111.1	84.8	127.2	

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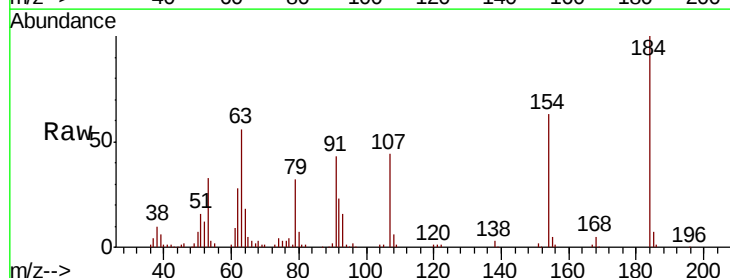


Abundance Ion 138.00 (137.70 to 138.70): E
200000
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

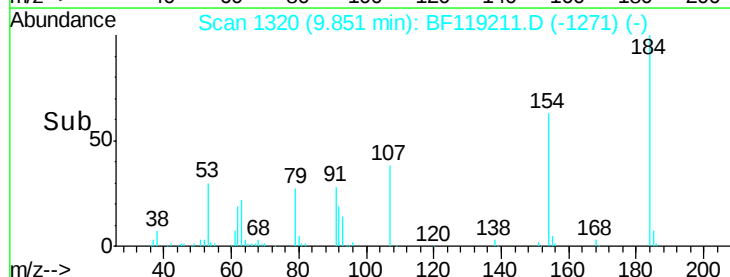
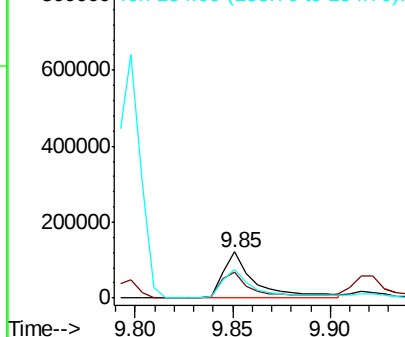


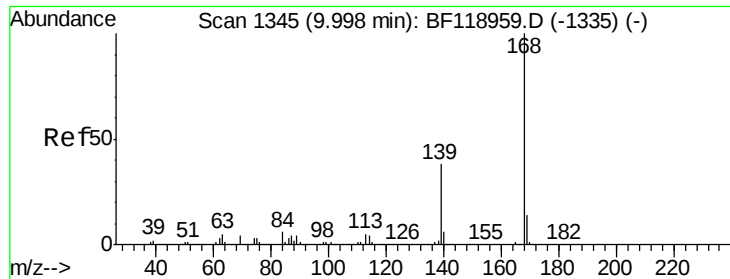
#54
2,4-Dinitrophenol
Concen: 70.106 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	56.1	38.7	58.1	
154	63.1	49.7	74.5	



Abundance Ion 184.00 (183.70 to 184.70): E
800000
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





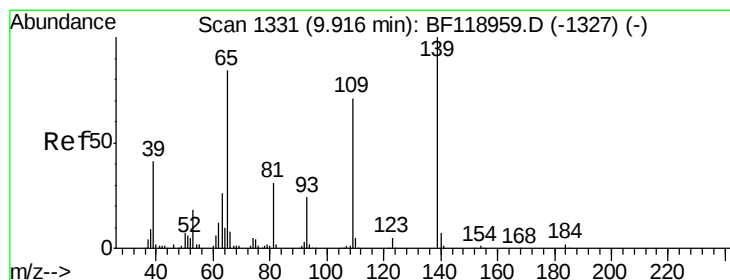
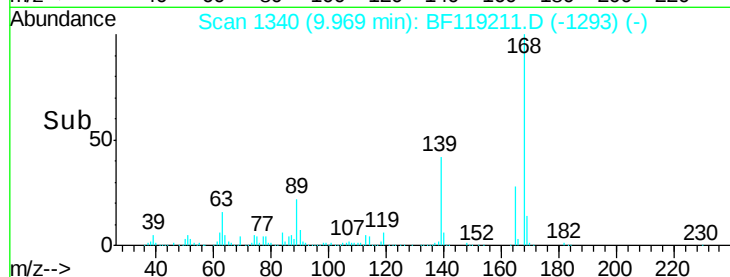
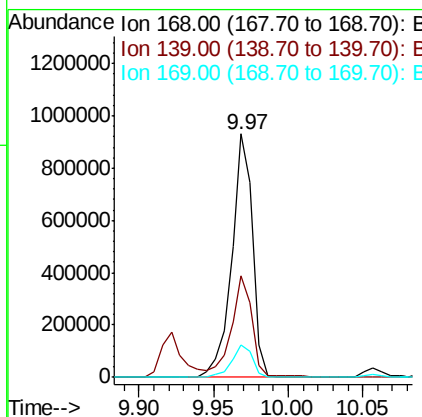
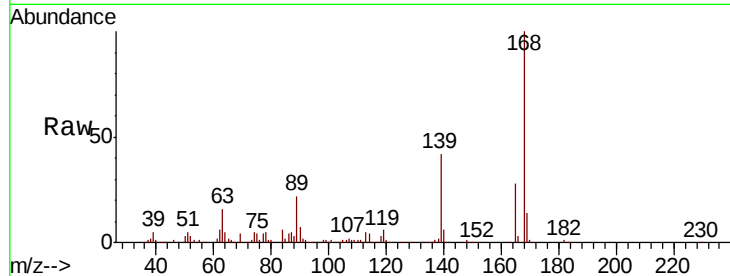
#55
Dibenzofuran
Concen: 44.494 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127235BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.6	34.0	51.0
169	13.5	11.0	16.4

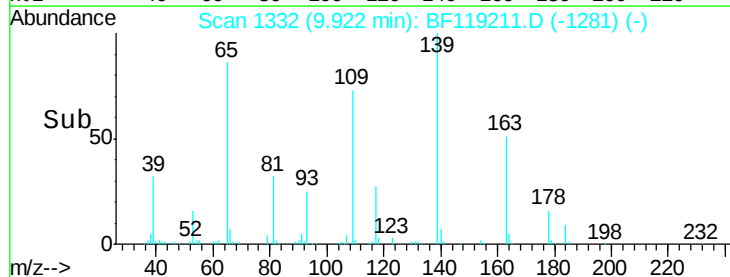
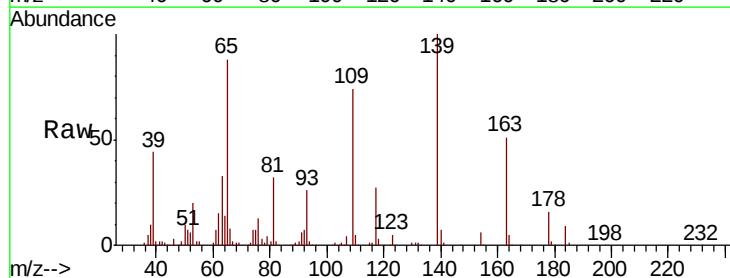
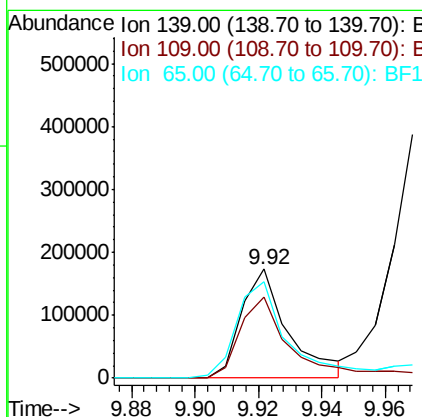
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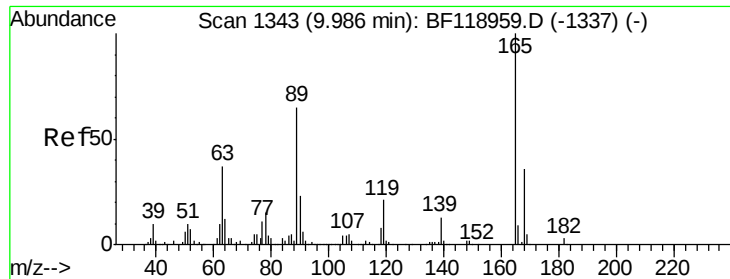
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#56
4-Nitrophenol
Concen: 64.750 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.4	56.7	96.7
65	87.9	65.0	105.0





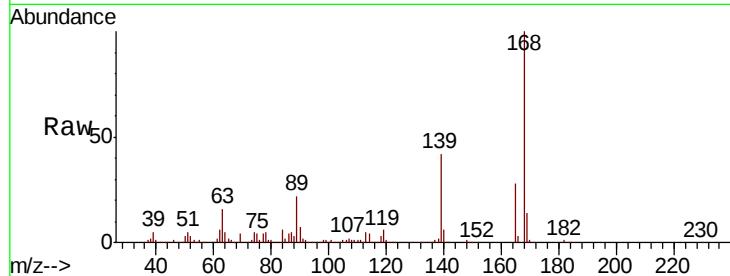
#57
 2,4-Dinitrotoluene
 Concen: 43.217 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.02 min
 Lab File: BF119211.D
 Acq: 5 Mar 2020 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PB127235BS

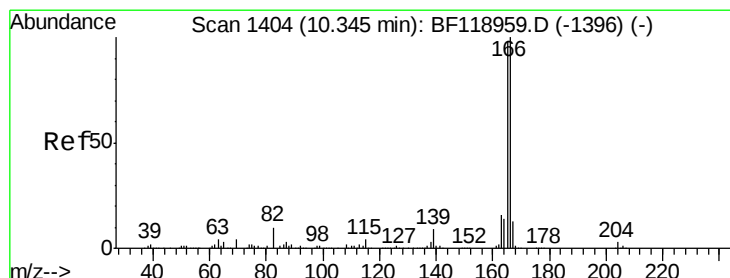
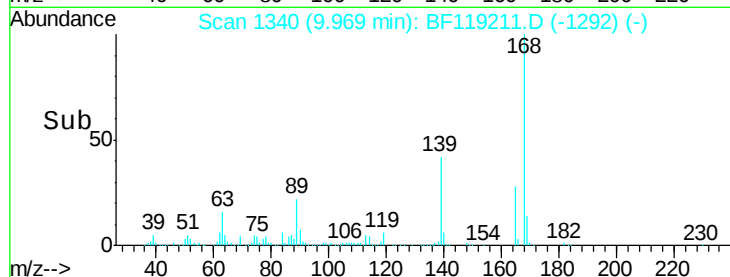
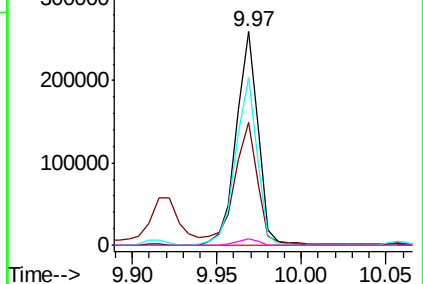
Tot Ion	Ratio	Resp	Lower	Upper
165	100	230547		
63	57.7	42.3	63.5	
89	78.7	60.2	90.4	
182	3.0	2.3	3.5	

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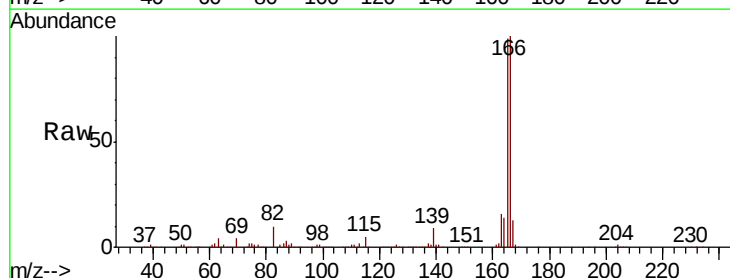


Abundance Ion 165.00 (164.70 to 165.70): E
 400000 Ion 63.00 (62.70 to 63.70): BF1
 300000 Ion 89.00 (88.70 to 89.70): BF1
 200000 Ion 182.00 (181.70 to 182.70): E
 100000
 0

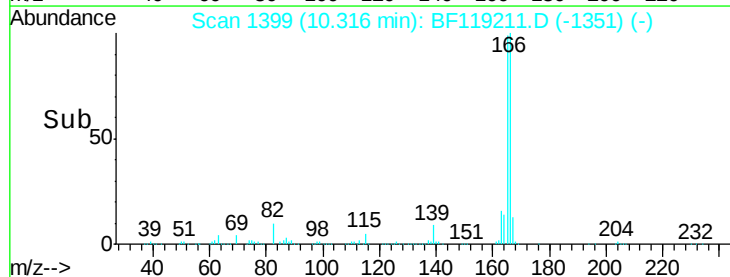
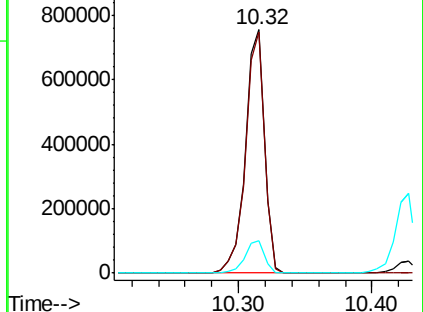


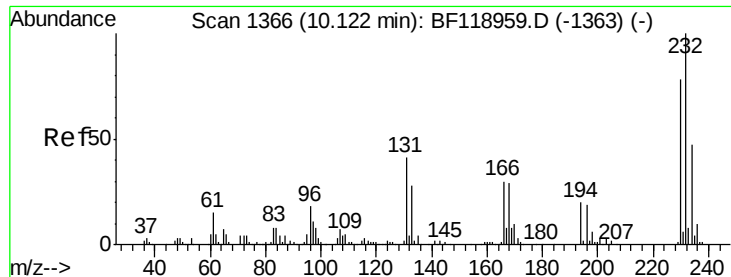
#58
 Fluorene
 Concen: 46.307 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.02 min
 Lab File: BF119211.D
 Acq: 5 Mar 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	737987		
165	98.9	78.5	117.7	
167	13.3	11.0	16.4	



Abundance Ion 166.00 (165.70 to 166.70): E
 1000000 Ion 165.00 (164.70 to 165.70): E
 800000 Ion 167.00 (166.70 to 167.70): E
 600000
 400000
 200000
 0





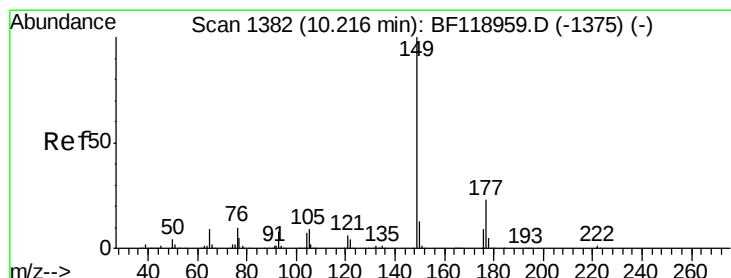
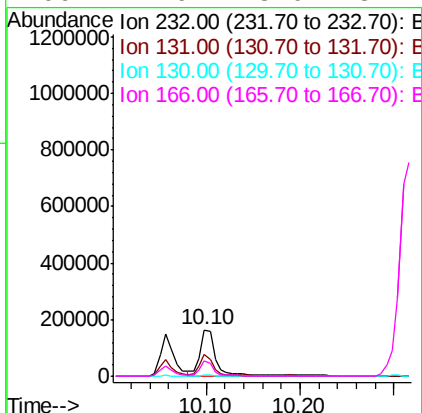
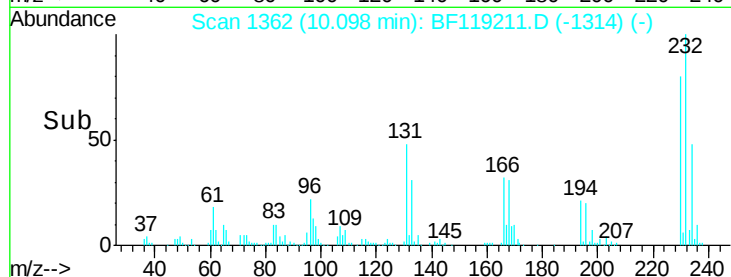
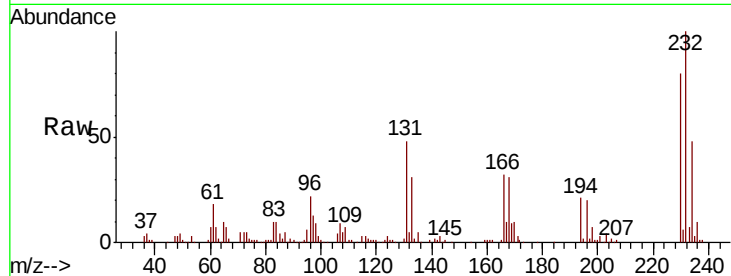
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.695 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. -0.02 min
 Lab File: BF119211.D
 Acq: 5 Mar 2020 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PB127235BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	194987		
131	41.1		33.8	50.8
130	2.2		1.8	2.6
166	27.6		23.0	34.4

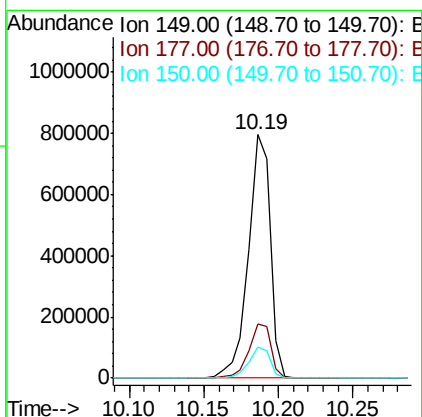
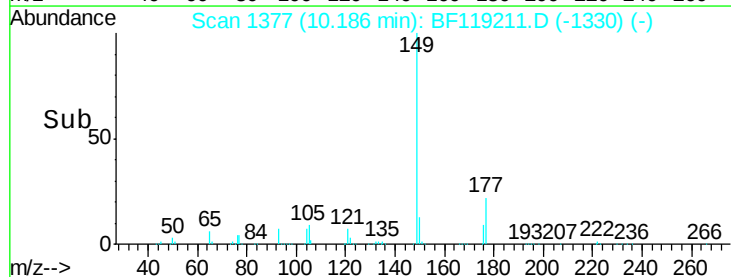
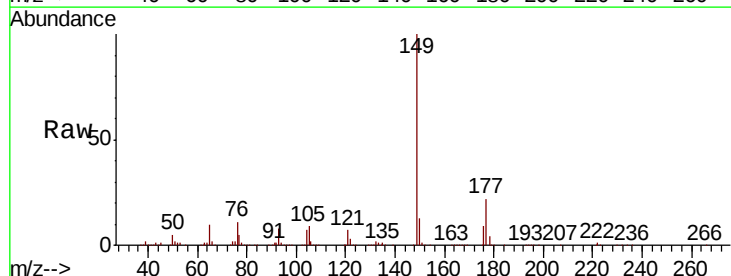
Manual Integrations
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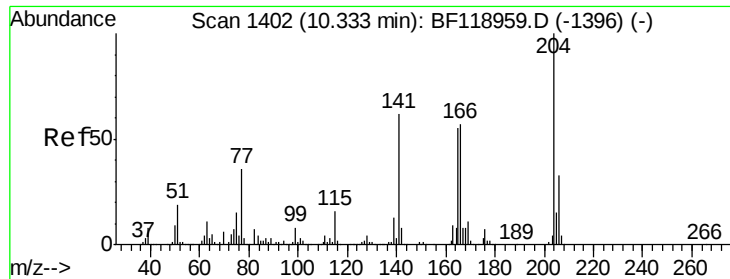
mohammad
 3/9/2020 8:26:49 AM



#60
 Diethylphthalate
 Concen: 46.059 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.02 min
 Lab File: BF119211.D
 Acq: 5 Mar 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	804062		
177	22.4		18.2	27.2
150	12.9		10.5	15.7





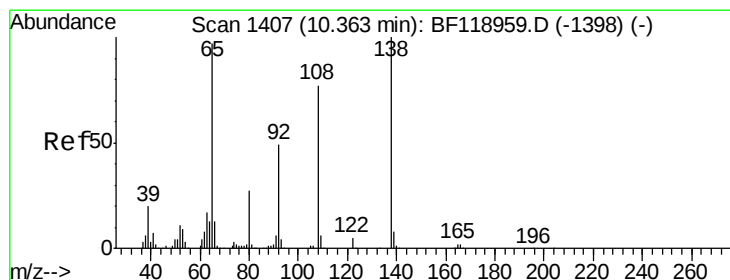
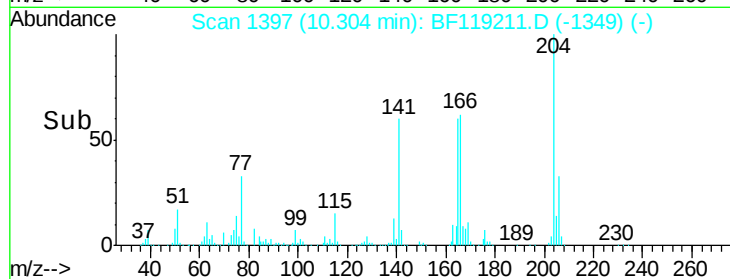
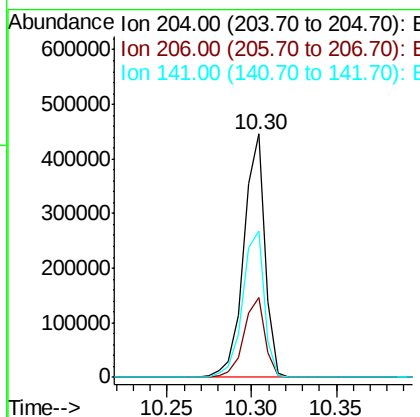
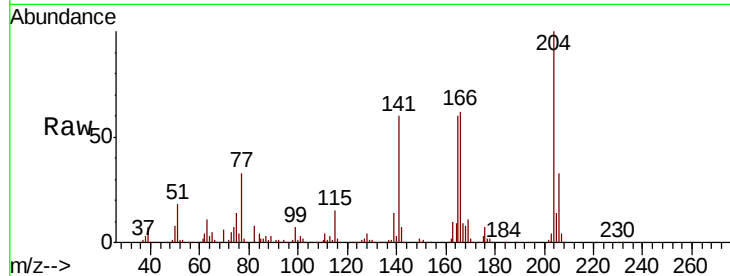
#61
4-Chlorophenyl-phenylether
Concen: 46.221 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127235BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	389900		
206	32.8		27.1	40.7
141	59.9		52.9	79.3

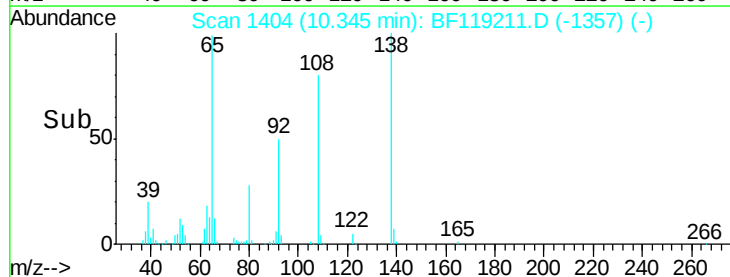
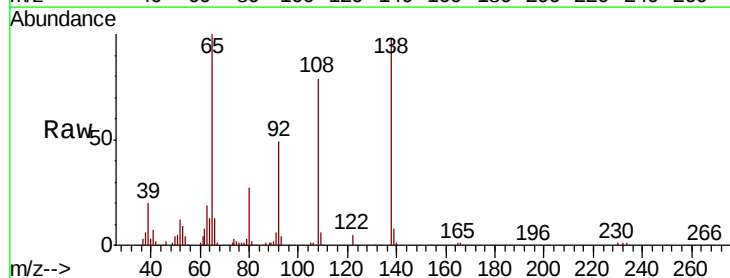
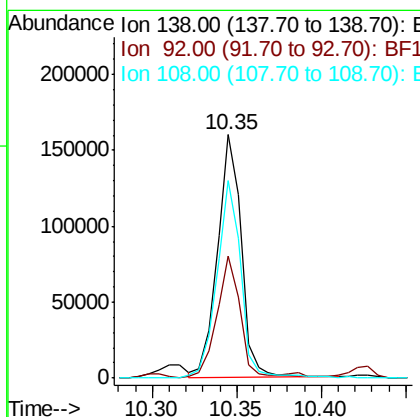
Manual Integrations
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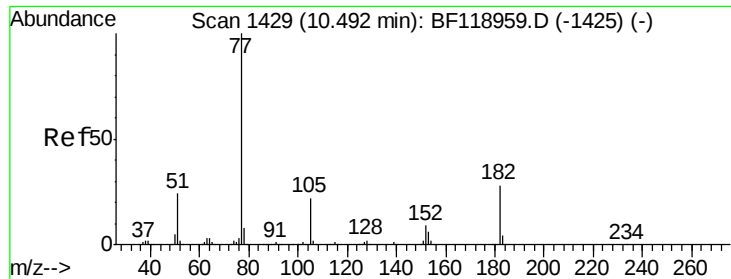
mohammad
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#62
4-Nitroaniline
Concen: 33.610 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	156897		
92	50.1		27.3	67.3
108	81.0		57.0	97.0





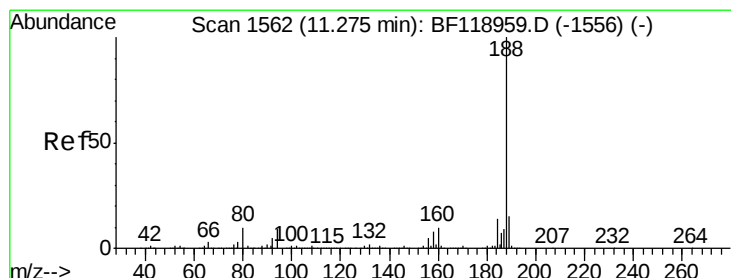
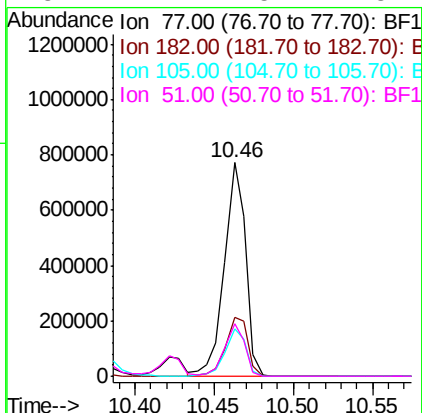
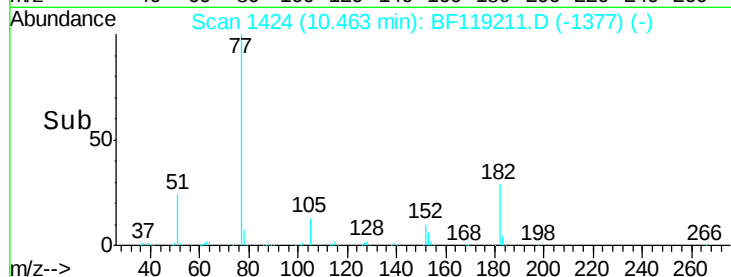
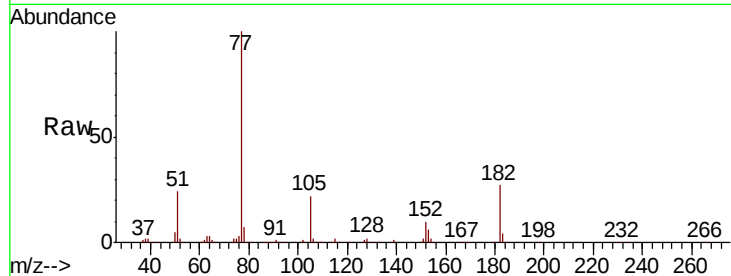
#63
Azobenzene
Concen: 47.022 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127235BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.4	11.4	51.4
105	22.1	3.4	43.4
51	24.4	5.1	45.1

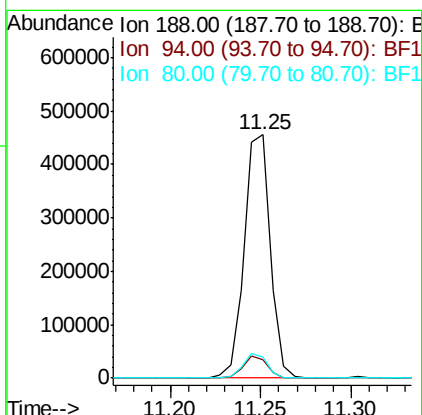
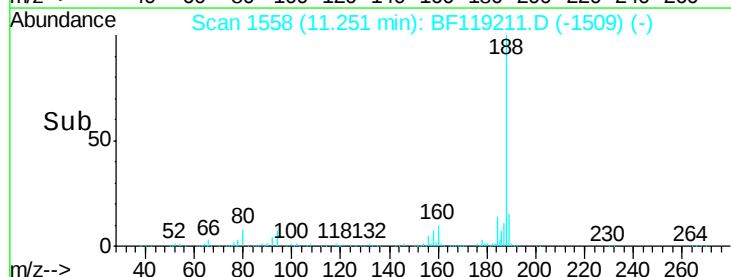
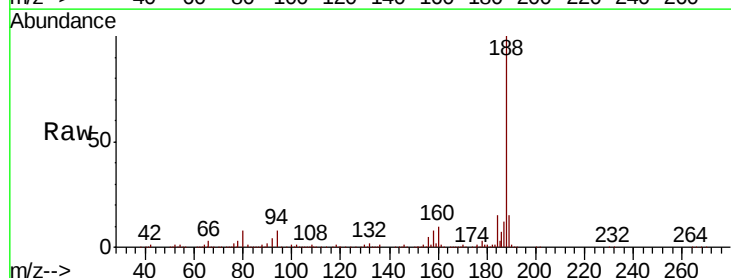
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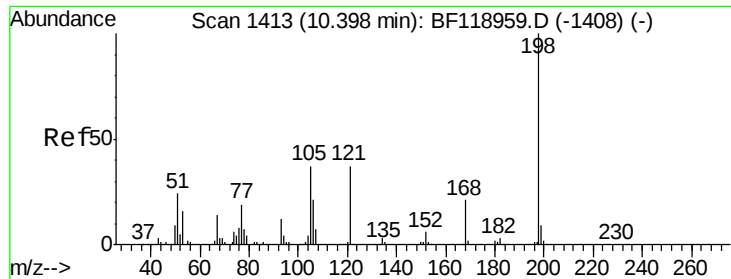
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.1	10.7
80	8.4	7.8	11.8





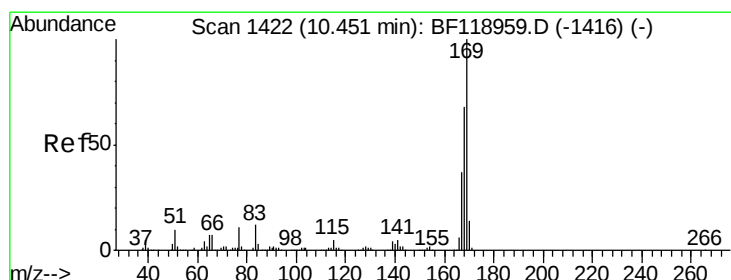
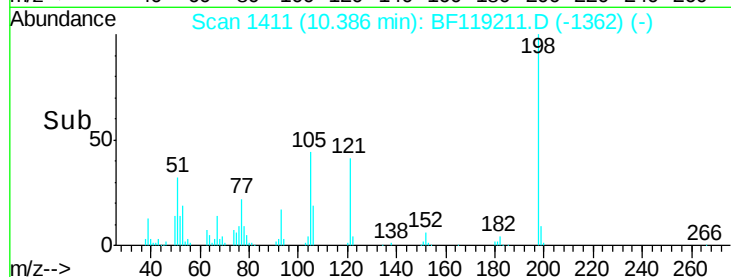
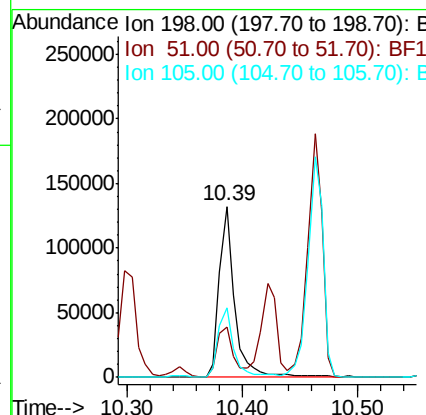
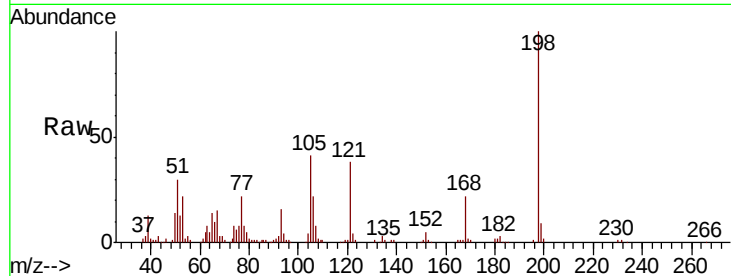
#65
4,6-Dinitro-2-methylphenol
Concen: 45.064 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127235BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	123509		
51	29.7	14.2	54.2	
105	40.7	22.7	62.7	

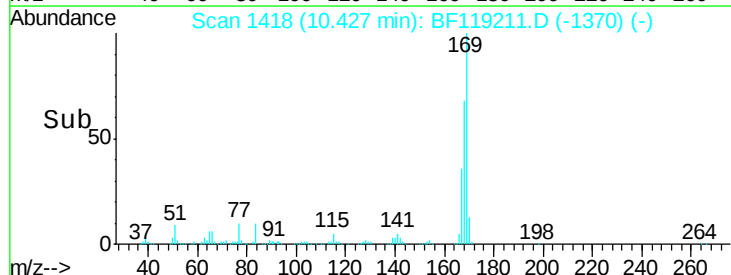
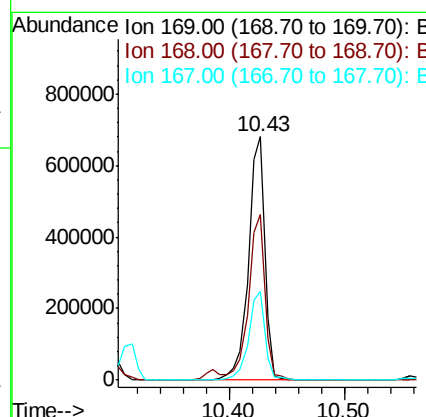
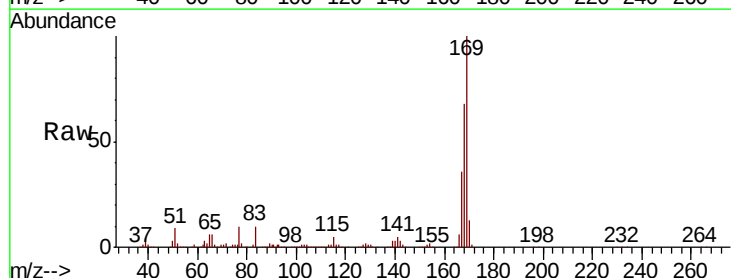
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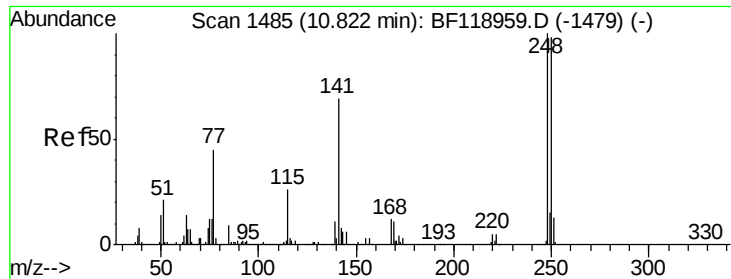
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 45.128 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.02 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	669265		
168	67.9	54.1	81.1	
167	36.3	29.4	44.0	





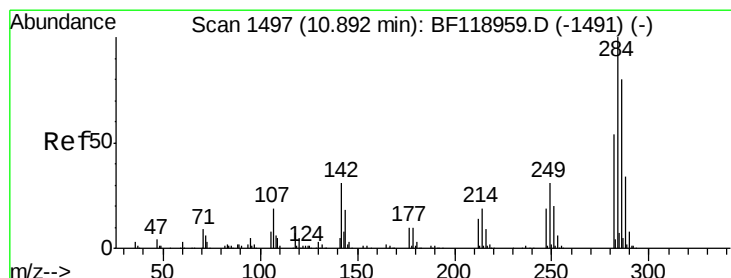
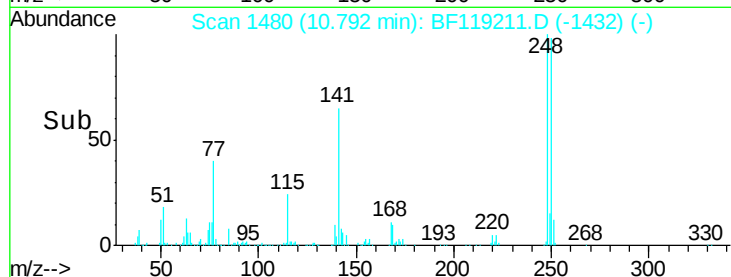
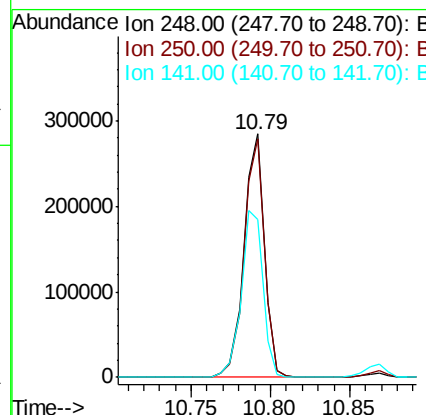
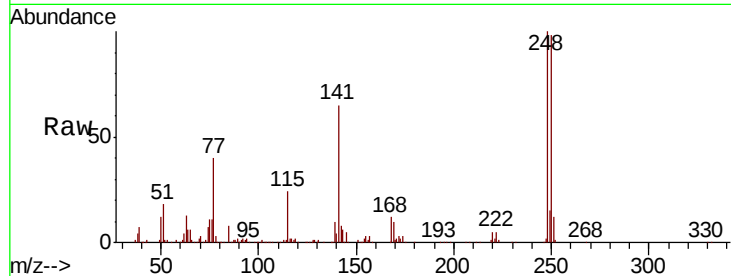
#67
 4-Bromophenyl-phenylether
 Concen: 42.869 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.02 min
 Lab File: BF119211.D
 Acq: 5 Mar 2020 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PB127235BS

Tot Ion:	248	Resp:	253800
Ion Ratio	Lower	Upper	
248	100		
250	98.0	76.7	115.1
141	64.8	60.7	91.1

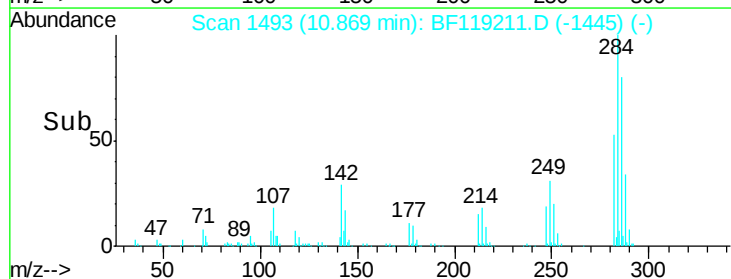
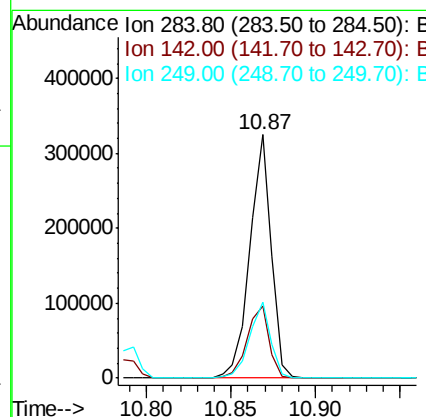
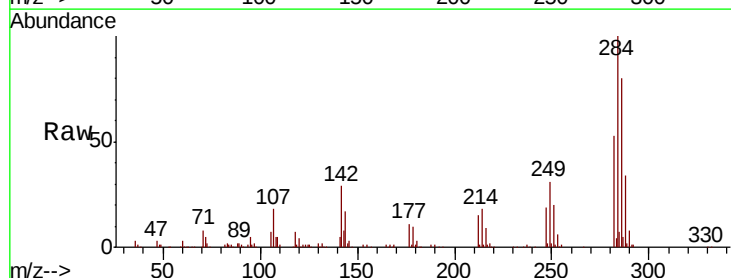
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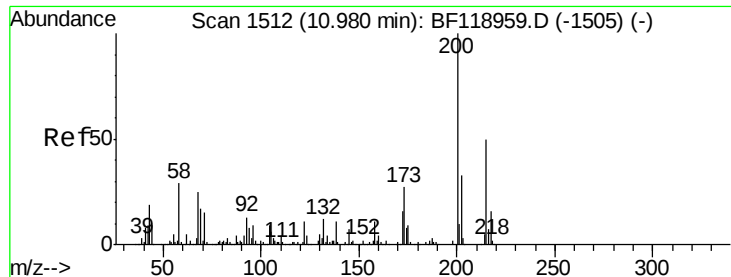
mohammad
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#68
 Hexachlorobenzene
 Concen: 42.096 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.02 min
 Lab File: BF119211.D
 Acq: 5 Mar 2020 13:26

Tgt Ion:	284	Resp:	287343
Ion Ratio	Lower	Upper	
284	100		
142	29.4	23.7	35.5
249	31.1	25.0	37.6





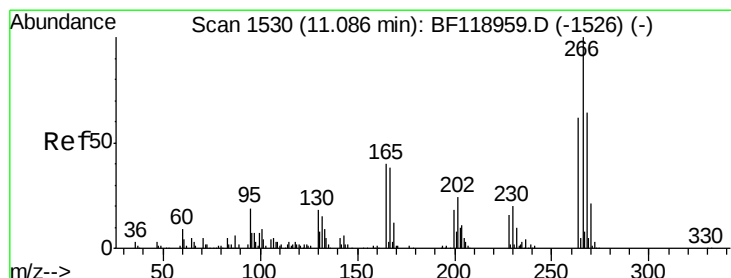
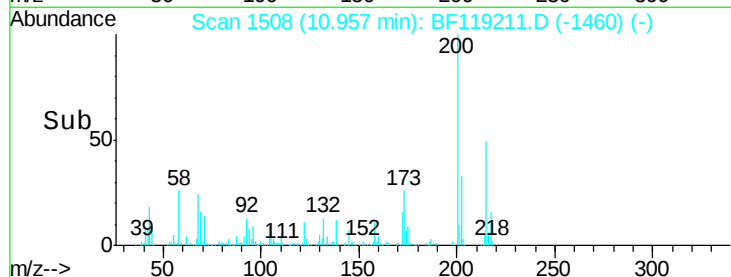
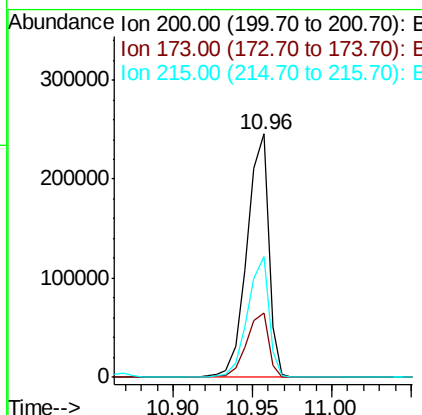
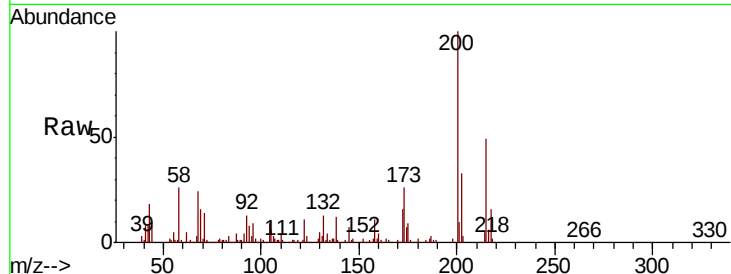
#69
Atrazine
Concen: 45.159 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.02 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127235BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.4	6.4	46.4
215	49.4	27.4	67.4

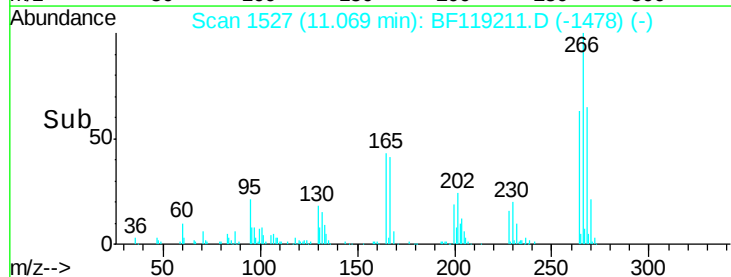
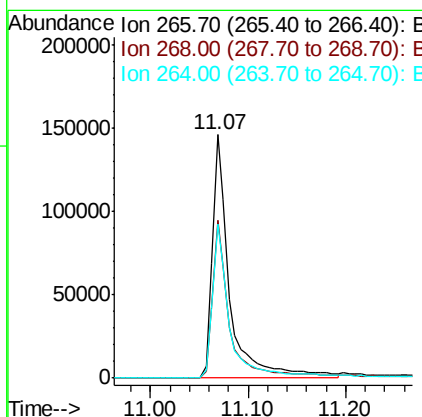
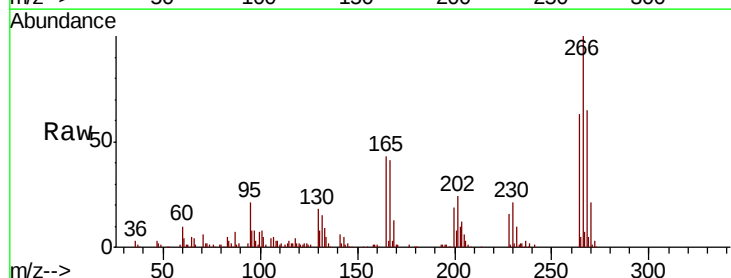
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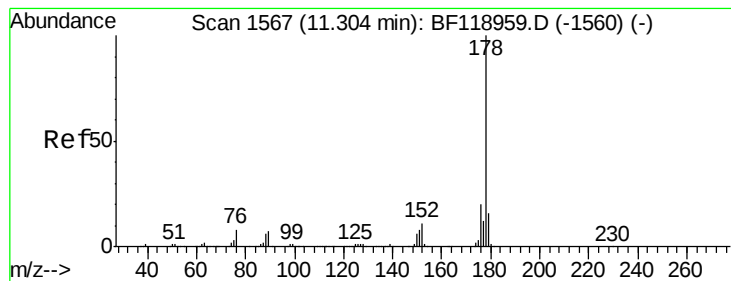
mohammad
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#70
Pentachlorophenol
Concen: 66.048 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.1	51.9	77.9
264	63.3	51.0	76.4





#71

Phenanthrene

Concen: 44.210 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.02 min

Lab File: BF119211.D

Acq: 5 Mar 2020 13:26

Instrument :

BNA_F

ClientSampleId :

PB127235BS

Tot Ion:178 Resp: 1091994

Ion Ratio Lower Upper

178 100

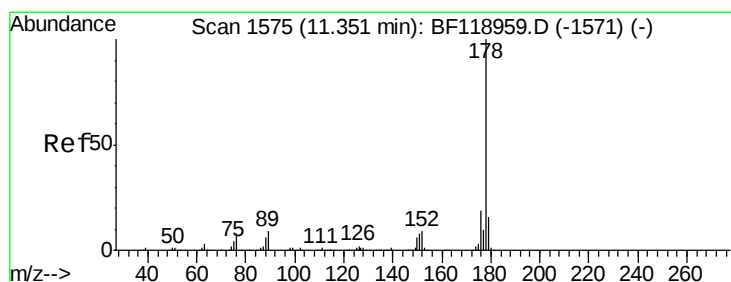
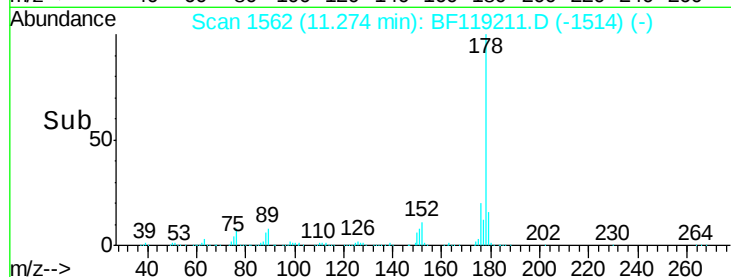
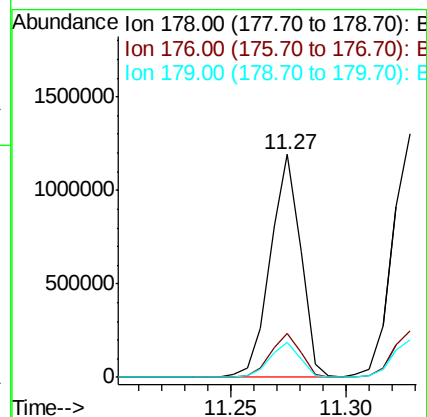
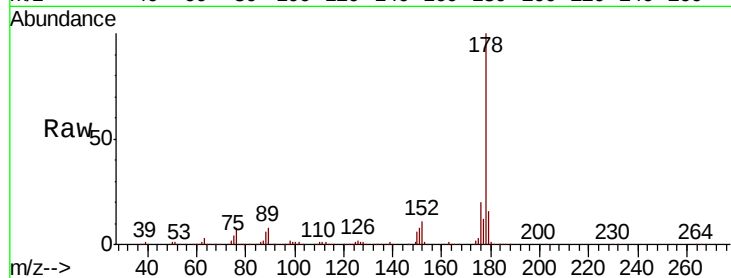
176 19.8 16.5 24.7

179 15.5 13.0 19.6

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#72

Anthracene

Concen: 45.593 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.02 min

Lab File: BF119211.D

Acq: 5 Mar 2020 13:26

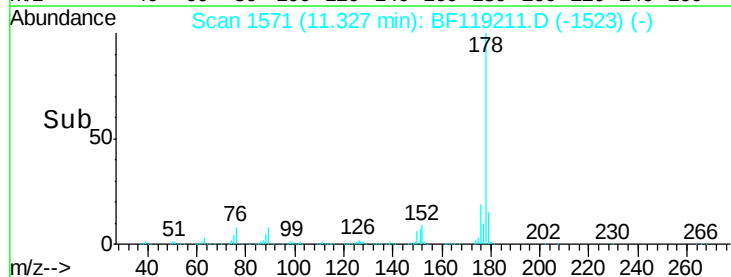
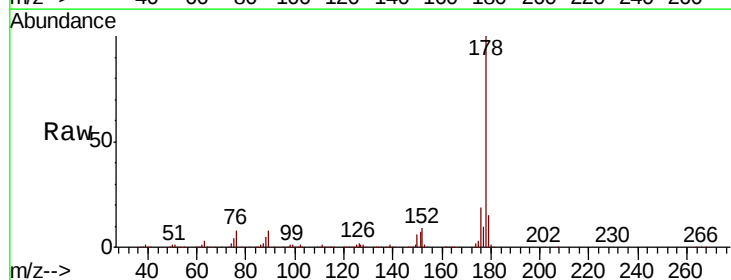
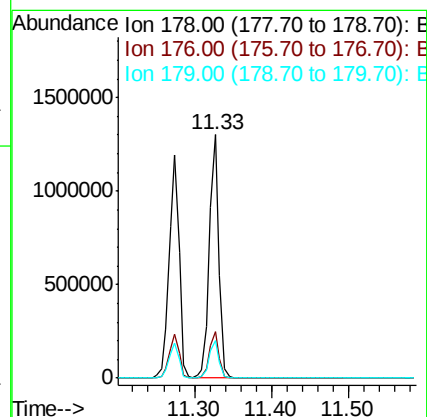
Tgt Ion:178 Resp: 1125234

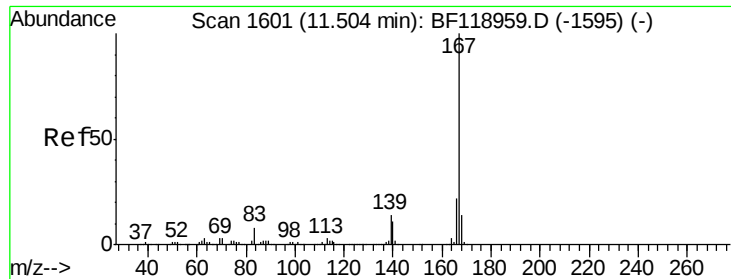
Ion Ratio Lower Upper

178 100

176 18.9 16.0 24.0

179 15.4 13.1 19.7





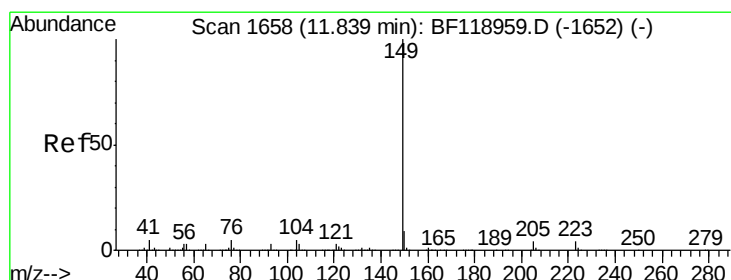
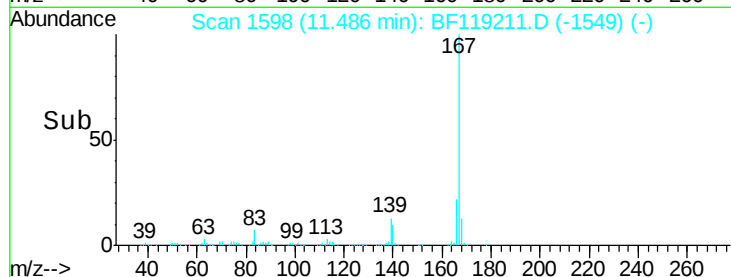
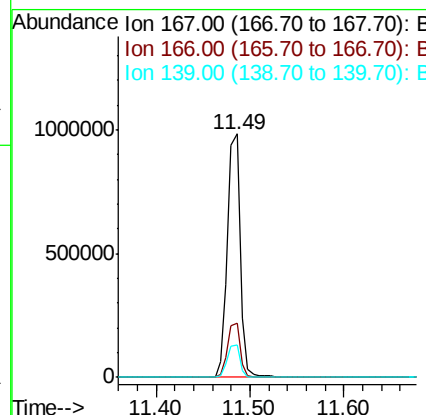
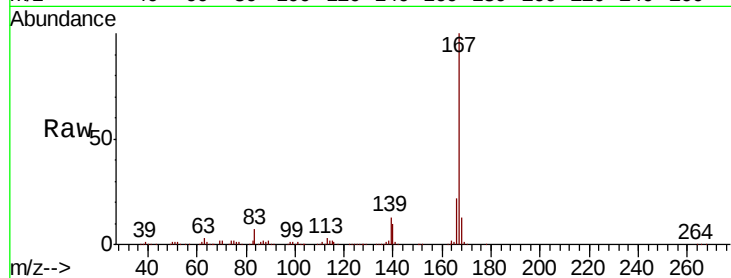
#73
 Carbazole
 Concen: 43.132 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF119211.D
 Acq: 5 Mar 2020 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PB127235BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.2	27.4
139	13.2	11.7	17.5

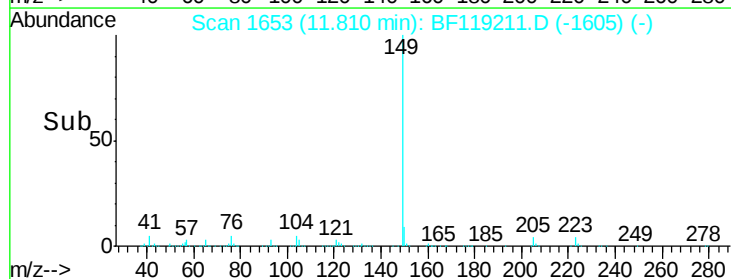
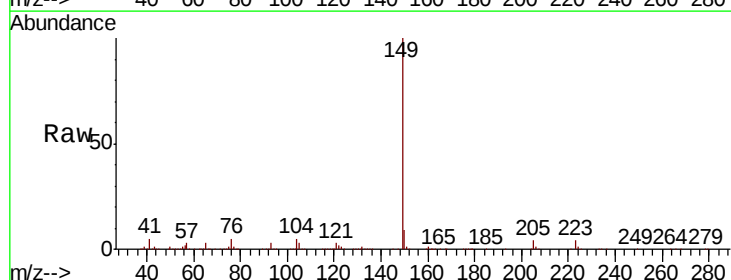
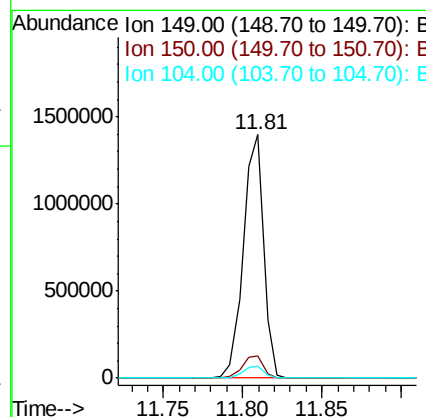
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#74
 Di-n-butylphthalate
 Concen: 46.420 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.02 min
 Lab File: BF119211.D
 Acq: 5 Mar 2020 13:26

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.9	11.9
104	5.0	4.6	6.8





#75

Fluoranthene

Concen: 43.454 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.02 min

Lab File: BF119211.D

Acq: 5 Mar 2020 13:26

Instrument :

BNA_F

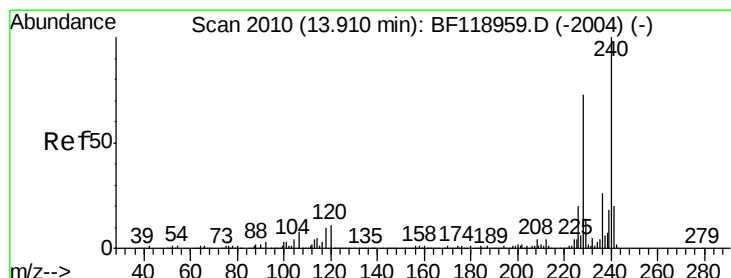
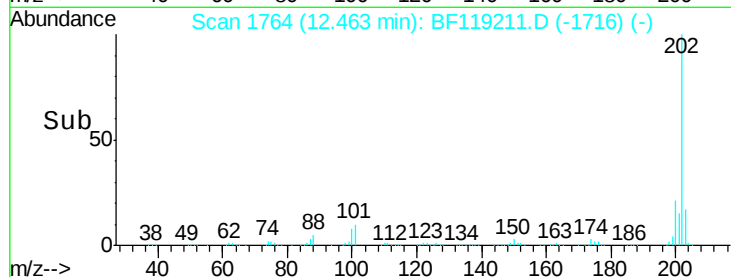
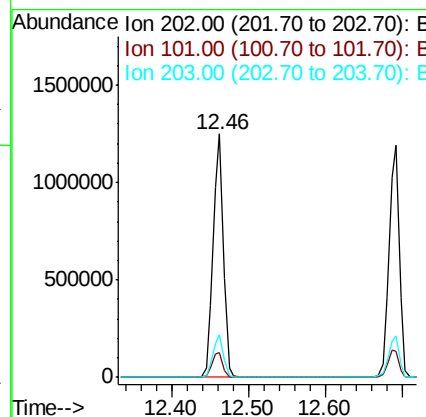
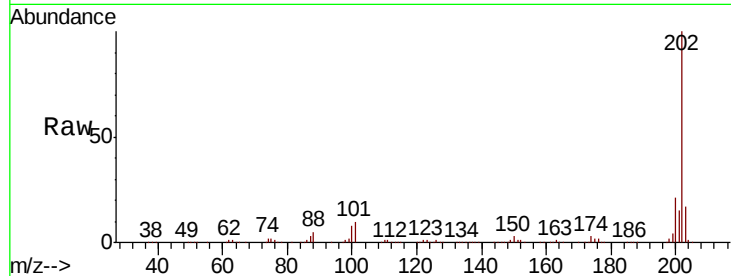
ClientSampleId :

PB127235BS

Tot Ion:	202	Resp:	1139303
Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	30.3
203	17.4	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

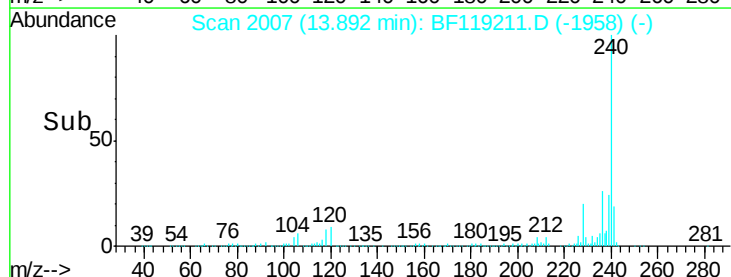
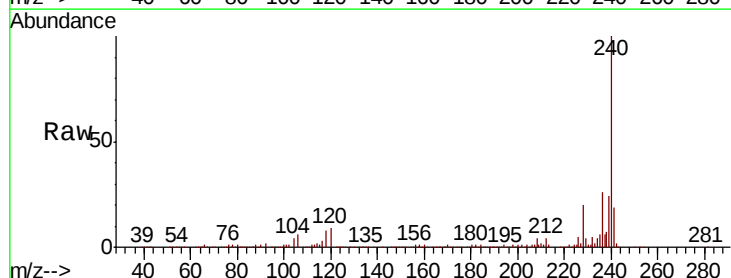
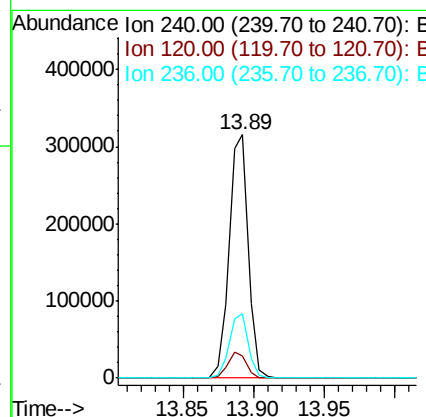
RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF119211.D

Acq: 5 Mar 2020 13:26

Tgt Ion:	240	Resp:	295944
Ion	Ratio	Lower	Upper
240	100		
120	8.9	8.4	12.6
236	26.2	21.0	31.4





#77

Benzidine

Concen: 31.207 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BF119211.D

Acq: 5 Mar 2020 13:26

Instrument :

BNA_F

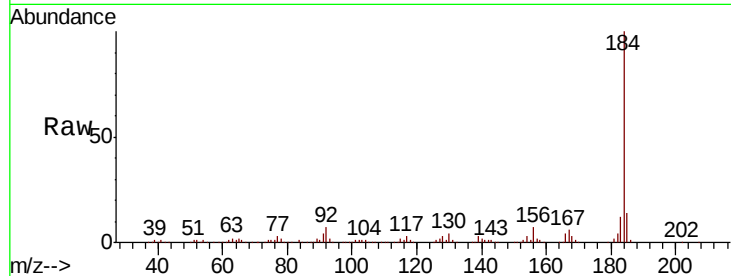
ClientSampleId :

PB127235BS

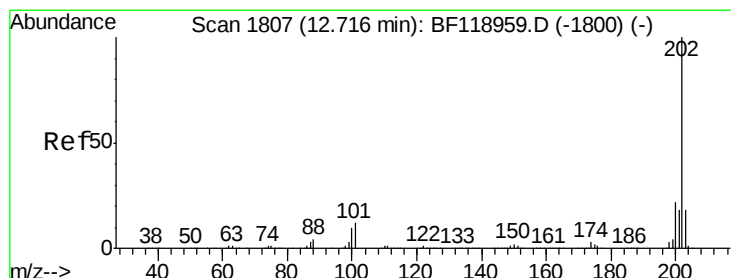
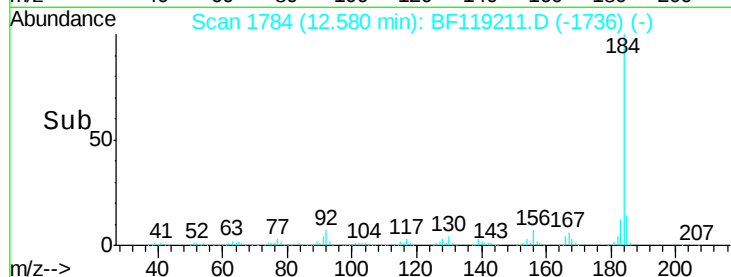
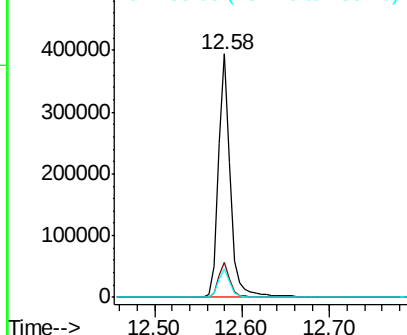
Tot Ion:	184	Resp:	375597
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.2	18.4
183	11.8	9.9	14.9

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



#78

Pyrene

Concen: 47.093 ng

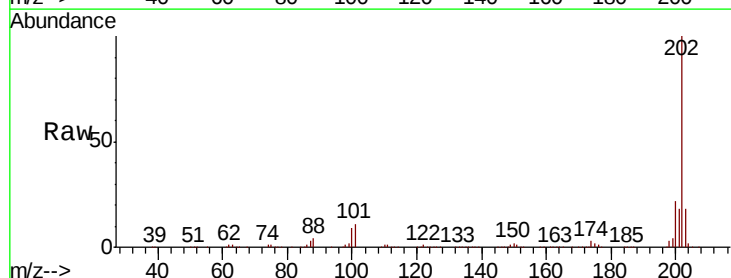
RT: 12.69 min Scan# 1803

Delta R.T. -0.02 min

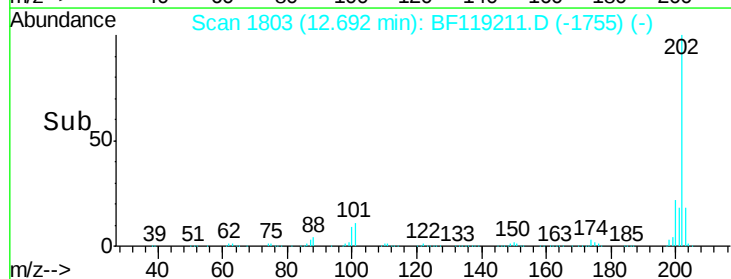
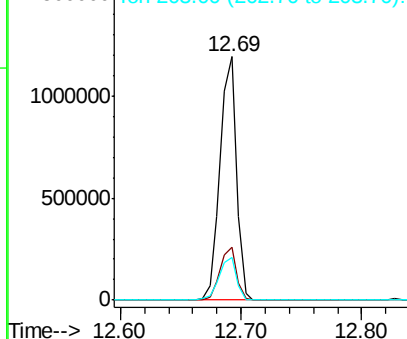
Lab File: BF119211.D

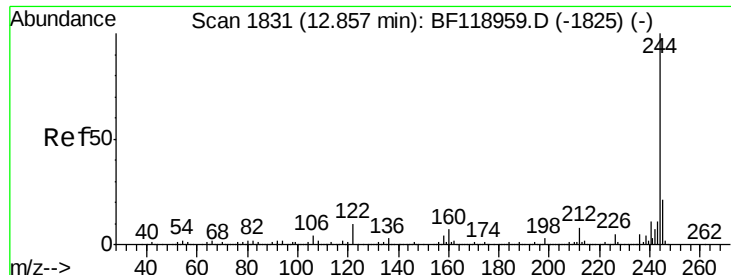
Acq: 5 Mar 2020 13:26

Tgt Ion:	202	Resp:	1119117
Ion Ratio	Lower	Upper	
202	100		
200	21.6	18.0	27.0
203	17.7	14.6	22.0



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





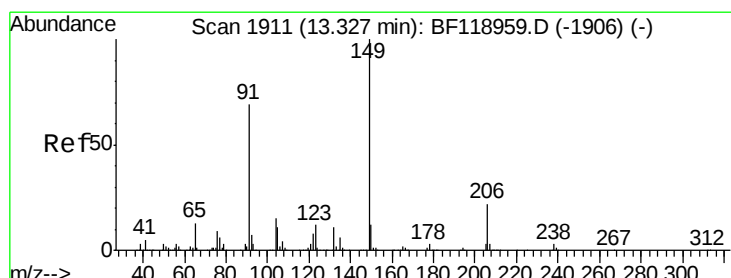
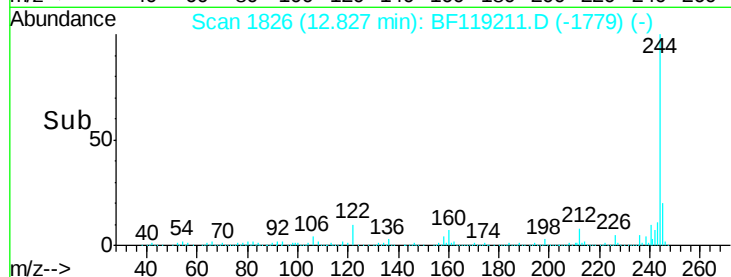
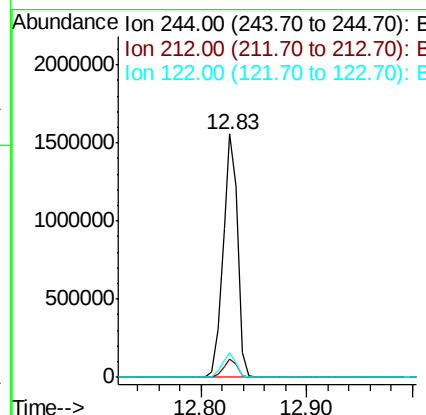
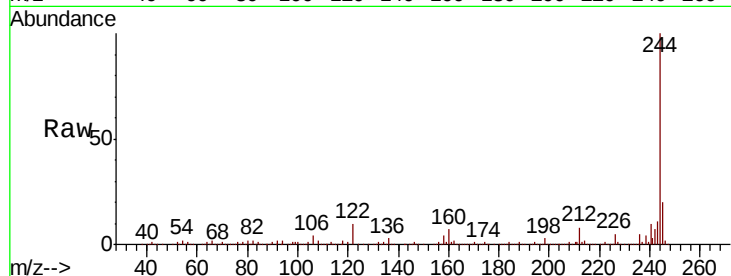
#79
 Terphenyl-d14
 Concen: 87.525 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF119211.D
 Acq: 5 Mar 2020 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PB127235BS

Tot Ion:244 Resp: 1504501
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 10.0
 122 10.4 8.2 12.2

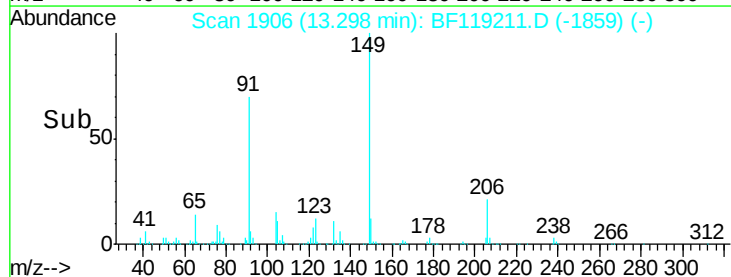
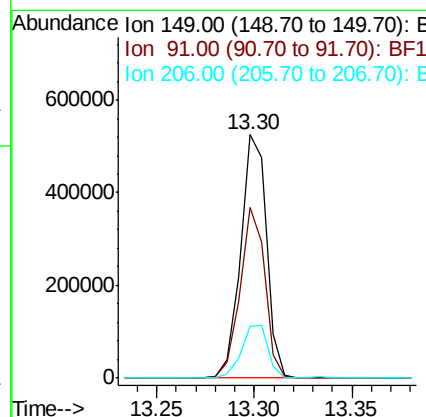
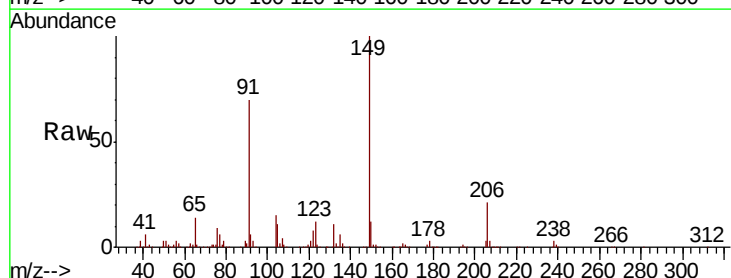
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#80
 Butylbenzylphthalate
 Concen: 48.175 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. -0.02 min
 Lab File: BF119211.D
 Acq: 5 Mar 2020 13:26

Tgt Ion:149 Resp: 481829
 Ion Ratio Lower Upper
 149 100
 91 69.9 52.3 78.5
 206 21.3 18.5 27.7





#81

Benzo(a)anthracene

Concen: 45.455 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF119211.D

Acq: 5 Mar 2020 13:26

Instrument :

BNA_F

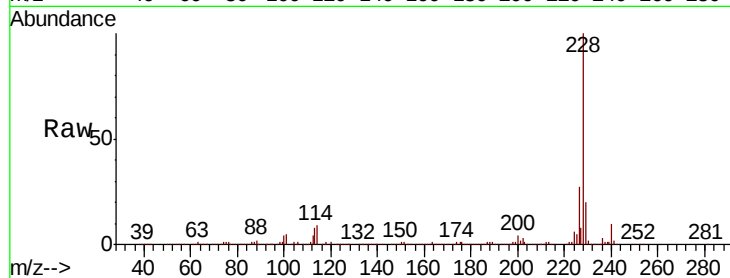
ClientSampleId :

PB127235BS

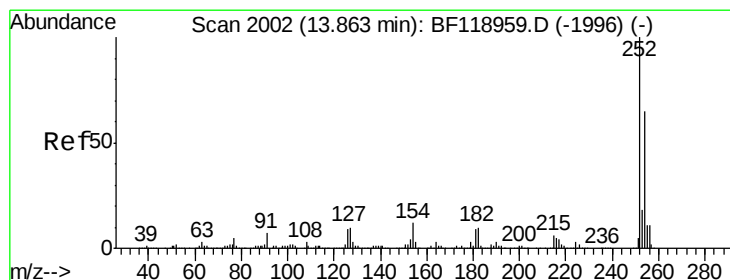
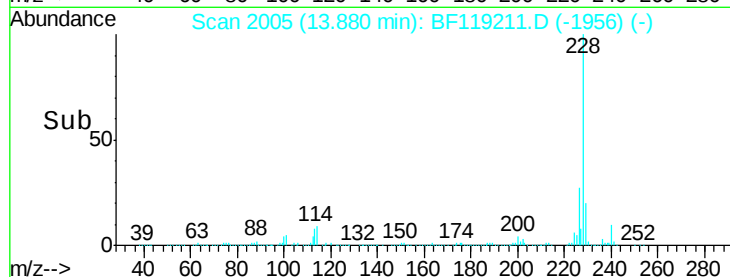
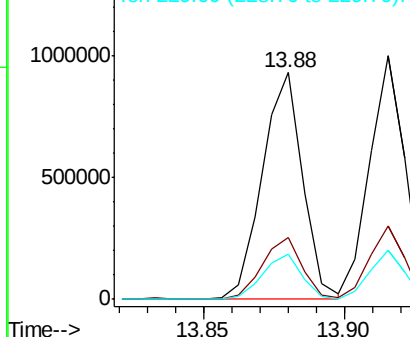
Tot Ion:	228	Resp:	916577
Ion Ratio		Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.9	16.6	24.8

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



#82

3,3'-Dichlorobenzidine

Concen: 30.705 ng

RT: 13.83 min Scan# 1997

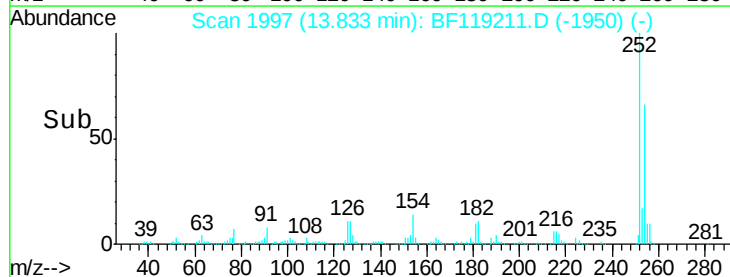
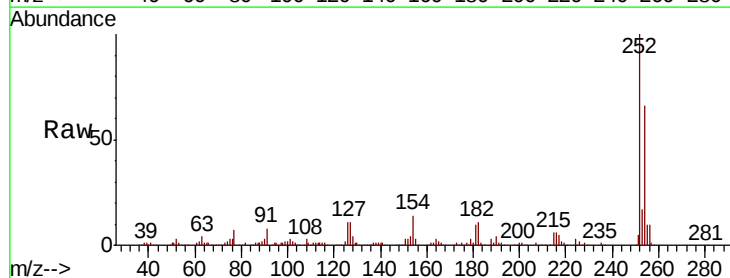
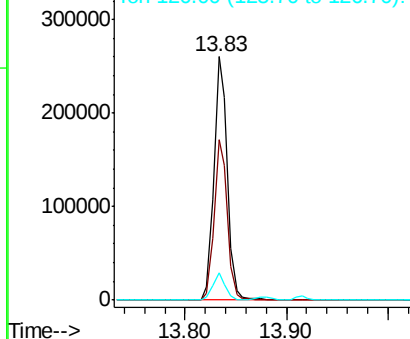
Delta R.T. -0.02 min

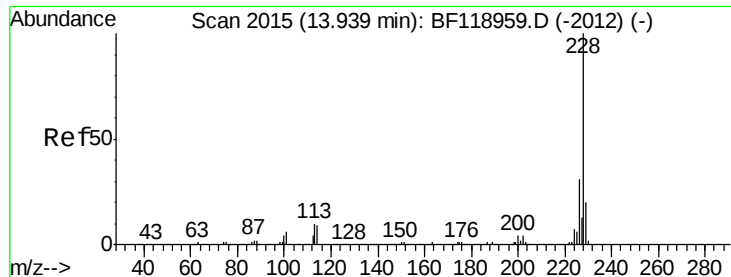
Lab File: BF119211.D

Acq: 5 Mar 2020 13:26

Tgt Ion:	252	Resp:	240423
Ion Ratio		Lower	Upper
252	100		
254	65.6	51.6	77.4
126	11.1	7.4	11.0#

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





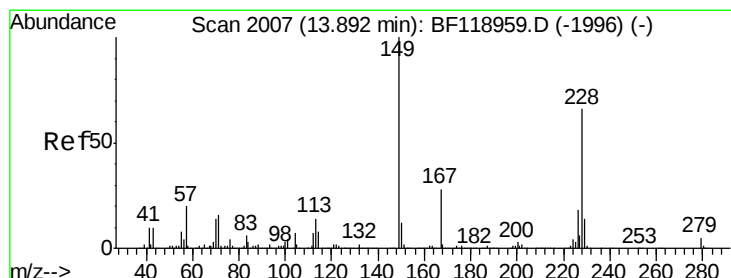
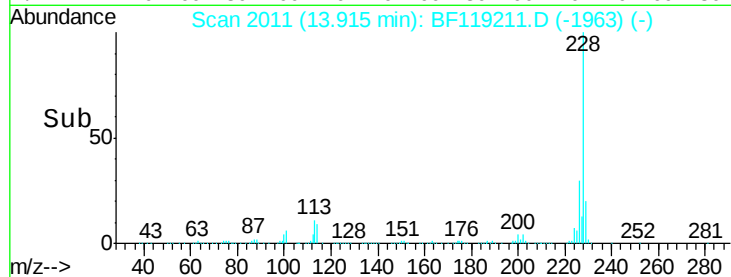
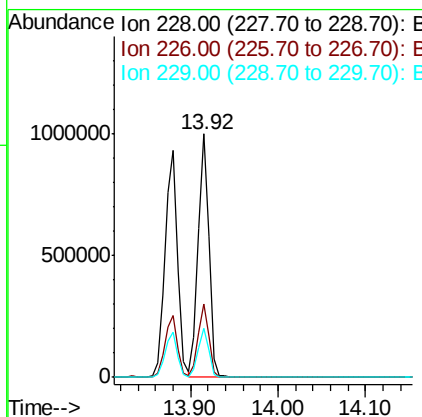
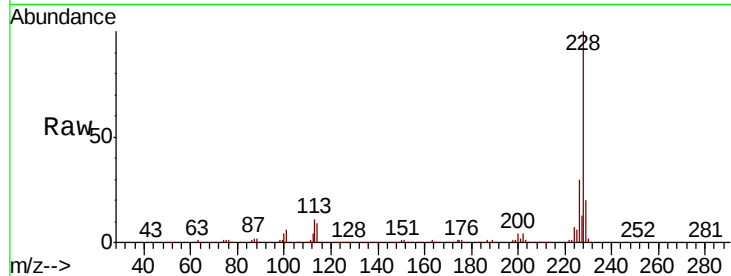
#83
 Chrvsene
 Concen: 43.098 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.02 min
 Lab File: BF119211.D
 Acq: 5 Mar 2020 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PB127235BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.1	37.7
229	20.0	16.3	24.5

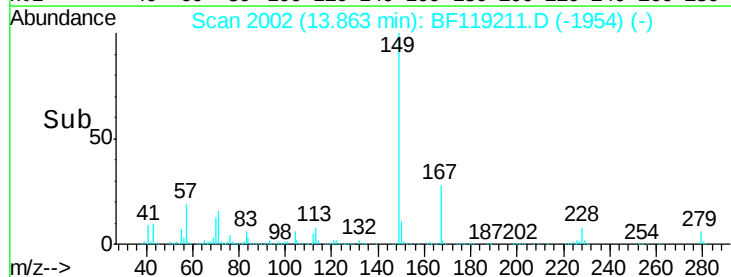
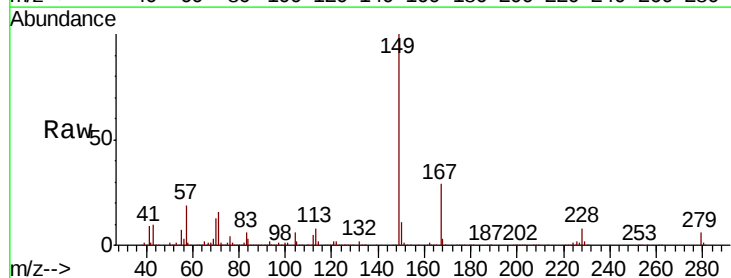
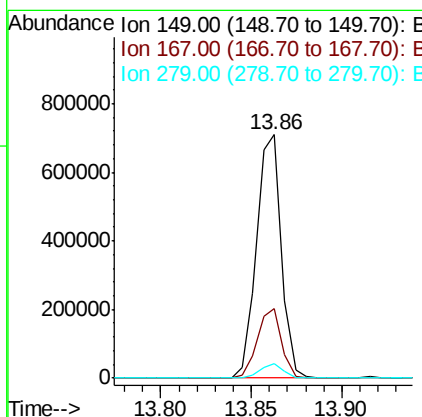
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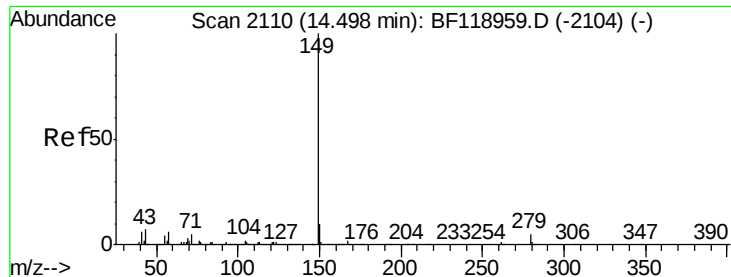
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 53.480 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.02 min
 Lab File: BF119211.D
 Acq: 5 Mar 2020 13:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.8	34.2
279	5.8	4.6	6.8





#85

Di-n-octyl phthalate

Concen: 50.812 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.02 min

Lab File: BF119211.D

Acq: 5 Mar 2020 13:26

Instrument :

BNA_F

ClientSampleId :

PB127235BS

Tot Ion:149 Resp: 1022954

Ion Ratio Lower Upper

149 100

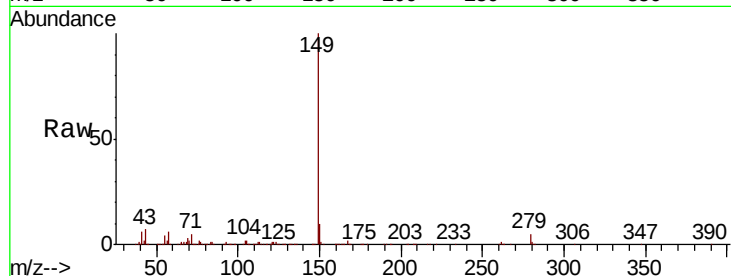
167 1.7 1.3 1.9

43 6.6 5.7 8.5

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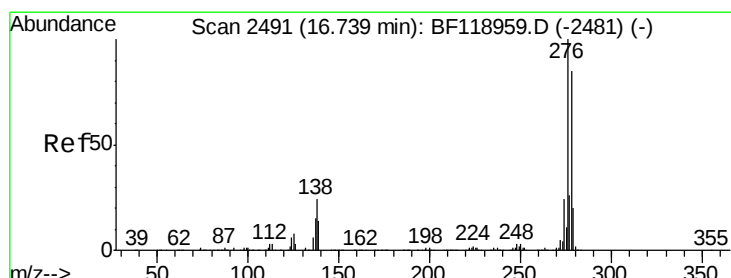
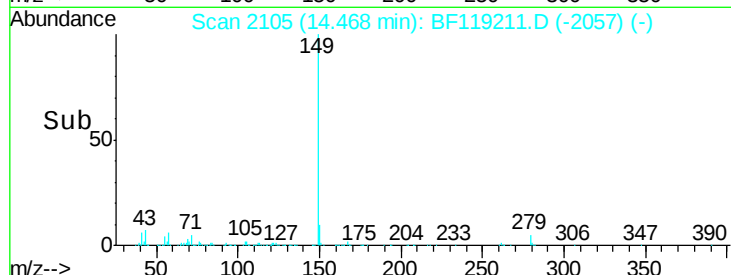
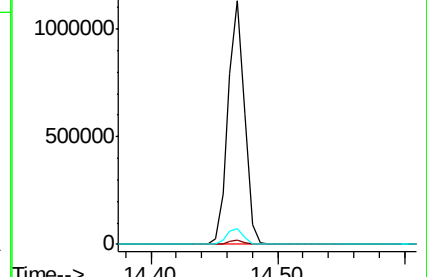
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.895 ng

RT: 16.72 min Scan# 2488

Delta R.T. -0.02 min

Lab File: BF119211.D

Acq: 5 Mar 2020 13:26

Tgt Ion:276 Resp: 776161

Ion Ratio Lower Upper

276 100

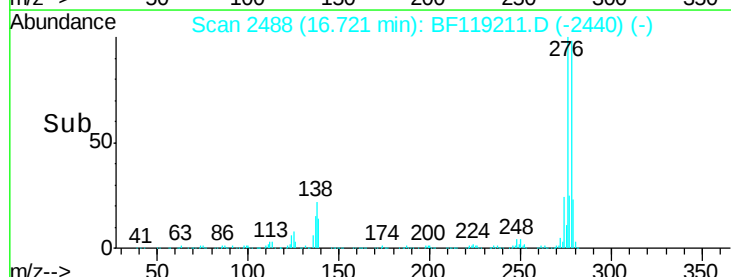
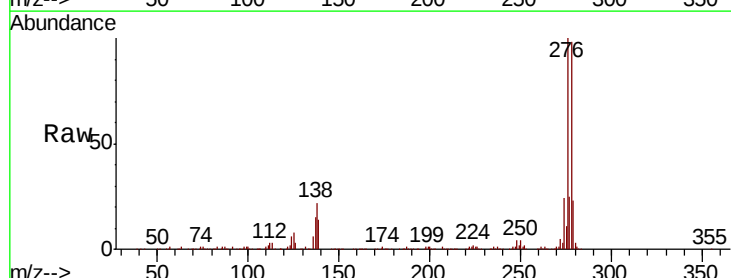
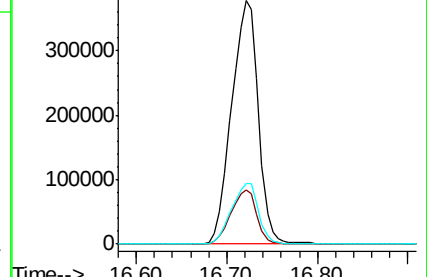
138 21.7 17.4 26.0

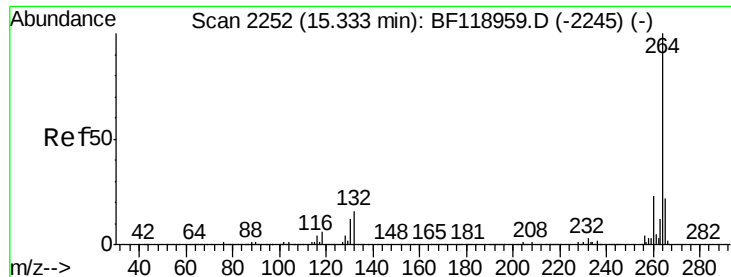
277 25.2 20.3 30.5

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





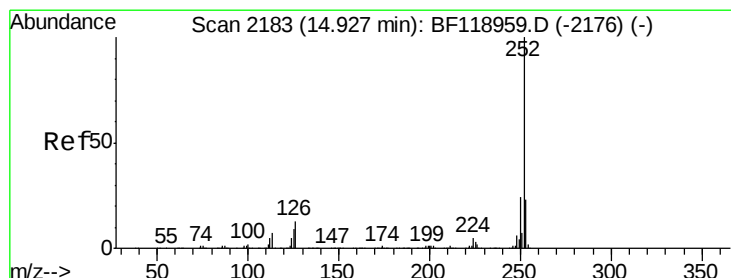
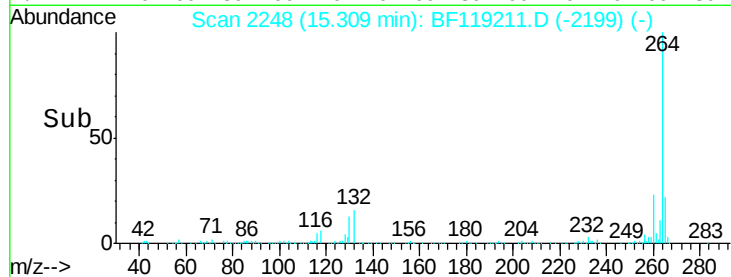
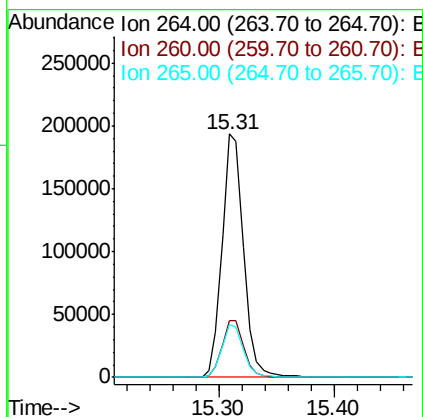
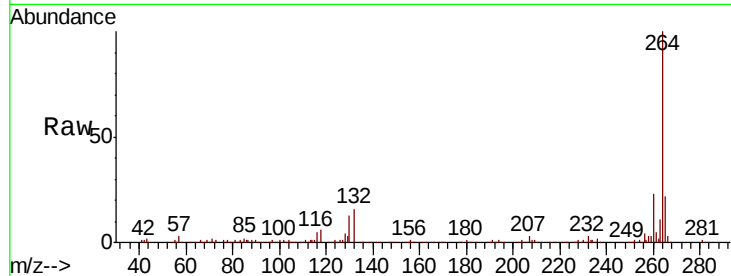
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127235BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.8	17.7	26.5

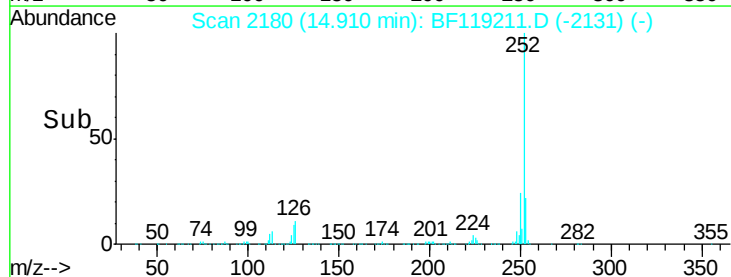
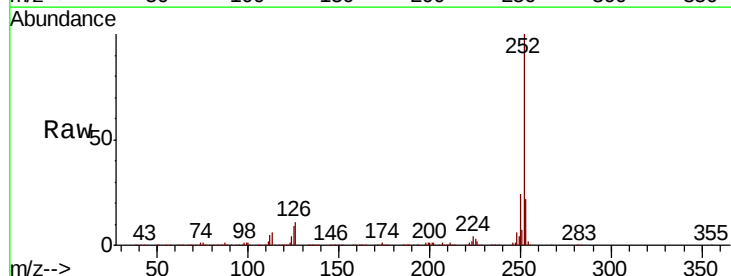
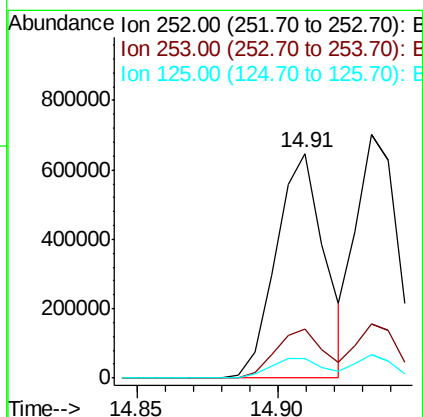
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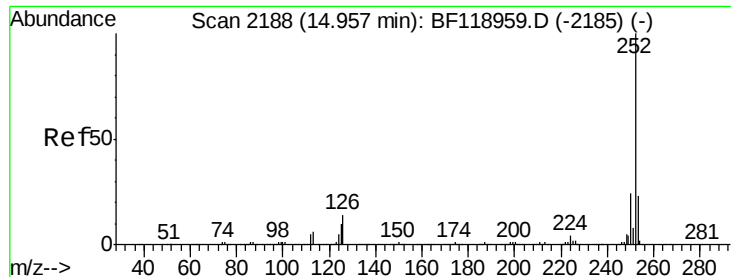
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#88
Benzo(b)fluoranthene
Concen: 46.888 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	8.9	7.4	11.0





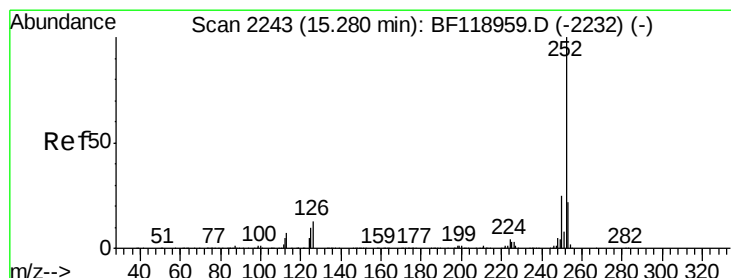
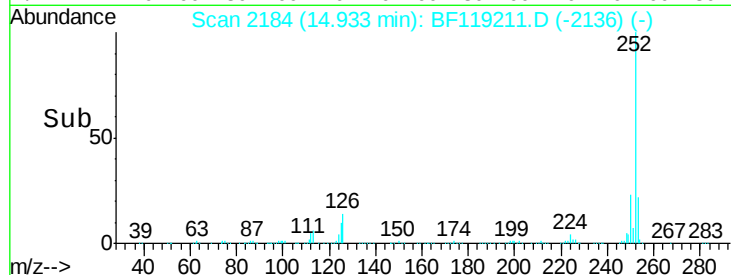
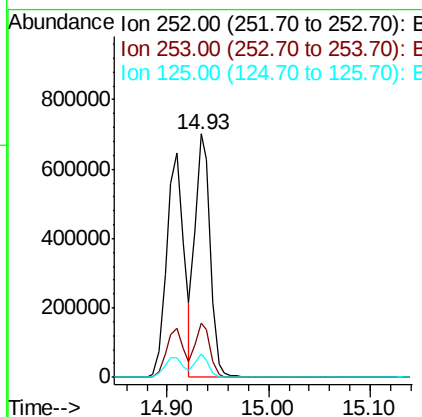
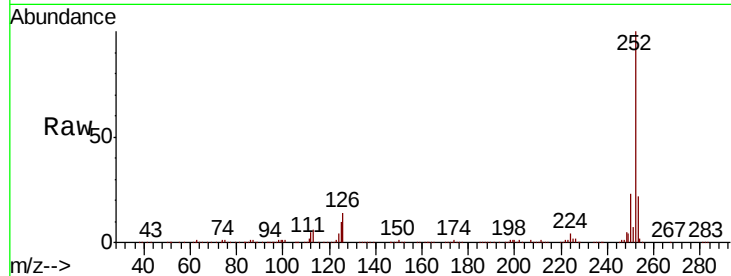
#89
Benzo(k)fluoranthene
Concen: 47.226 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127235BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	9.8	7.5	11.3

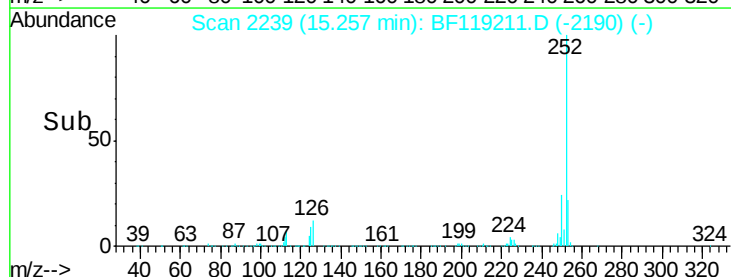
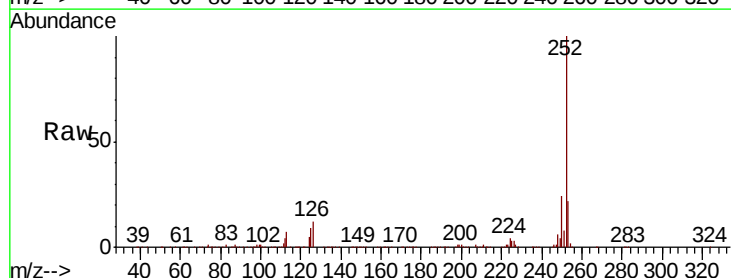
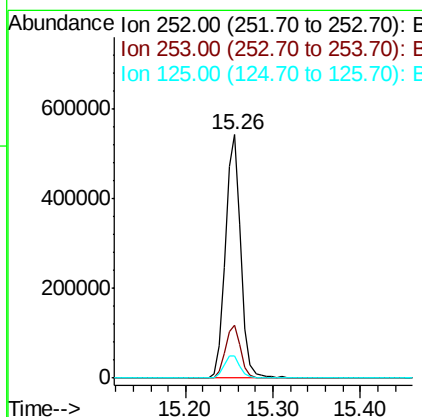
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#90
Benzo(a)pyrene
Concen: 44.255 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	9.3	8.6	12.8





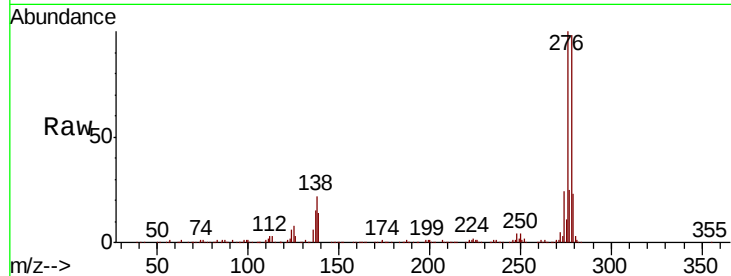
#91
Dibenzo(a,h)anthracene
Concen: 49.999 ng
RT: 16.72 min Scan# 2488
Delta R.T. -0.02 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127235BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.2	11.0	16.4
279	23.6	18.6	28.0

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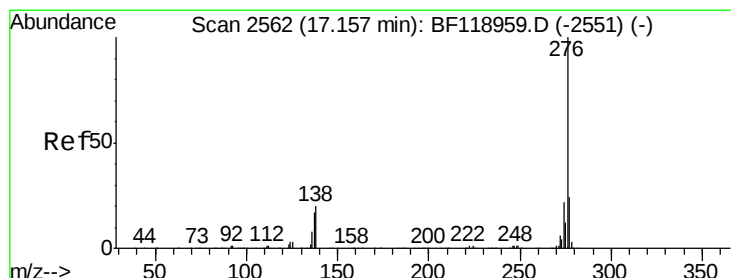
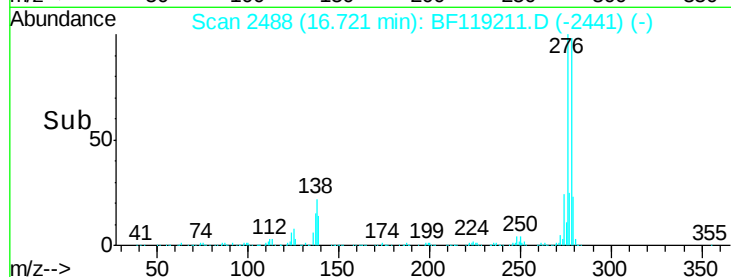
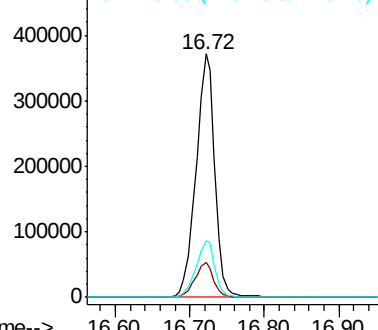


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 50.966 ng
RT: 17.14 min Scan# 2560
Delta R.T. -0.01 min
Lab File: BF119211.D
Acq: 5 Mar 2020 13:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.7	28.1
138	17.8	14.3	21.5

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

