

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
 Data File : BF122675.D
 Acq On : 12 Dec 2020 13:29
 Operator : JU/CG
 Sample : PB133570BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133570BL

Quant Time: Dec 13 23:42:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

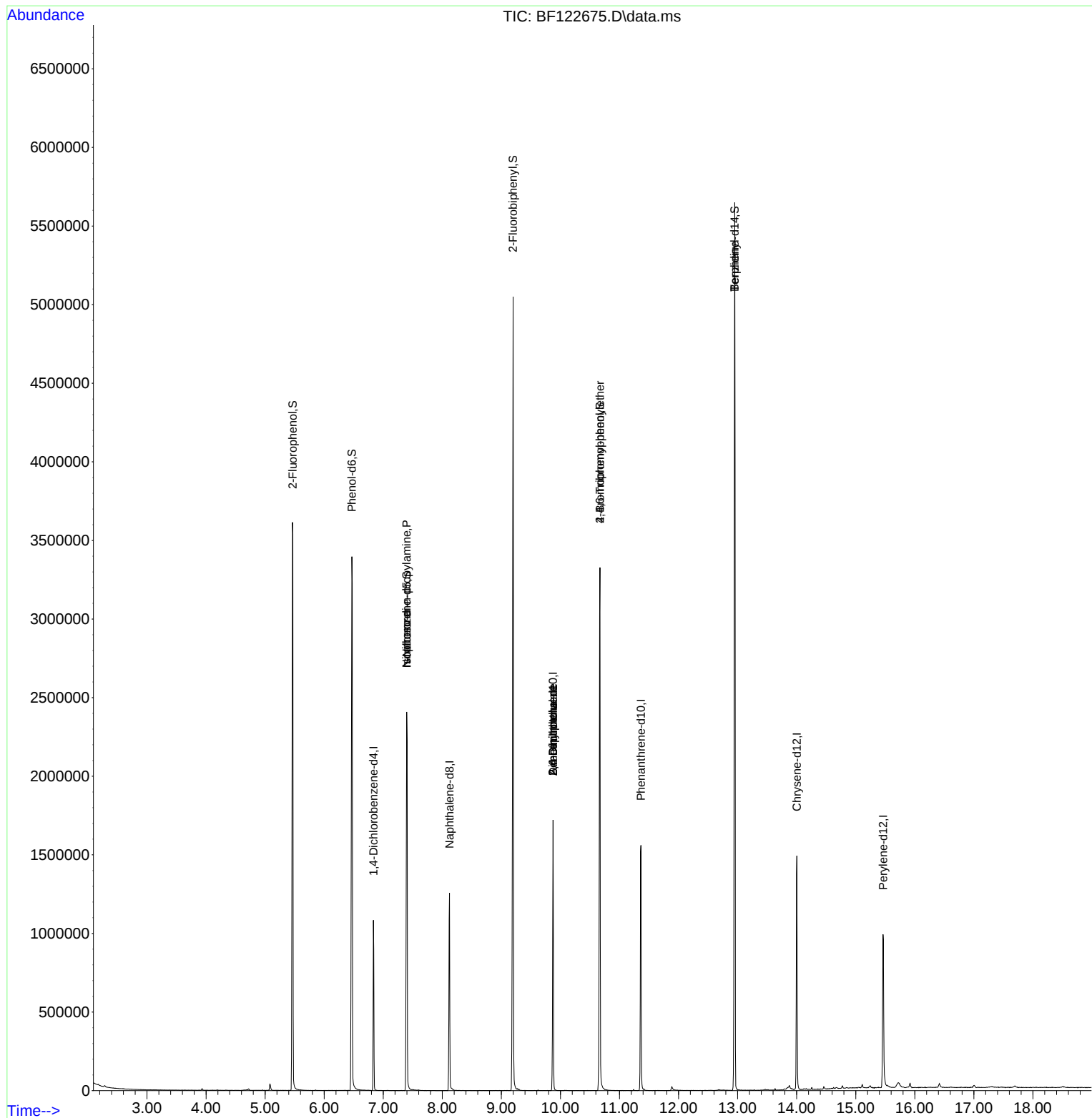
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	166267	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	658881	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	352888	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	668385	20.00	ng	0.00
76) Chrysene-d12	14.004	240	568497	20.00	ng	0.00
86) Perylene-d12	15.462	264	504307	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1235362	117.63	ng	0.01
7) Phenol-d6	6.469	99	1572616	112.91	ng	-0.01
23) Nitrobenzene-d5	7.398	82	983599	74.79	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	531062	114.97	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1806205	69.23	ng	0.00
79) Terphenyl-d14	12.951	244	2064516	63.57	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	129539	16.24	ng	# 76
25) Isophorone	7.398	82	963585	42.54	ng	# 65
50) Dimethylphthalate	9.875	163	74758	2.65	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	46616	7.83	ng	# 31
57) 2,4-Dinitrotoluene	9.875	165	46616	5.88	ng	# 25
67) 4-Bromophenyl-phenylether	10.669	248	32944	3.64	ng	# 1
77) Benzidine	12.951	184	27204	2.21	ng	# 93

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

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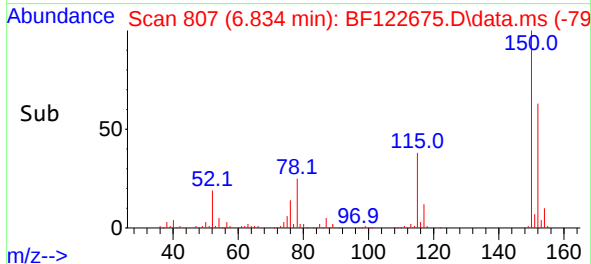
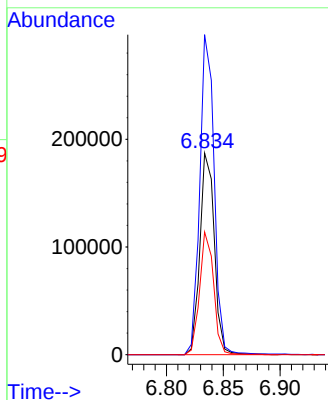
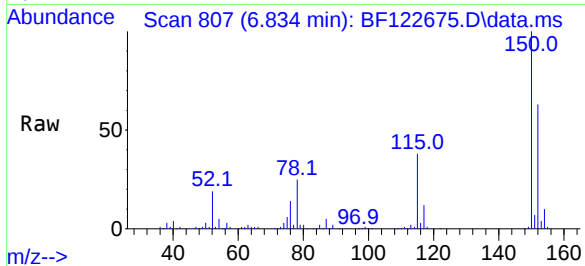




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF122675.D
Acq: 12 Dec 2020 13:29

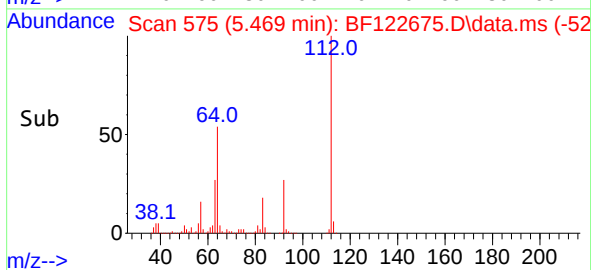
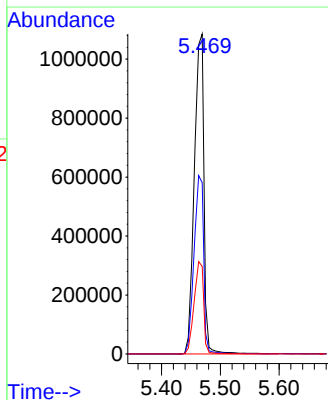
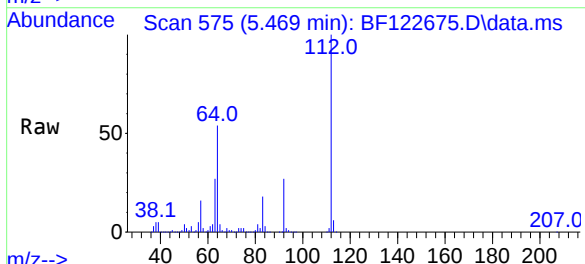
Instrument :
BNA_F
ClientSampleId :
PB133570BL

Tgt Ion:152 Resp: 166267
Ion Ratio Lower Upper
152 100
150 158.7 125.8 188.6
115 60.9 49.3 73.9



#5
2-Fluorophenol
Concen: 117.63 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF122675.D
Acq: 12 Dec 2020 13:29

Tgt Ion:112 Resp: 1235362
Ion Ratio Lower Upper
112 100
64 53.5 46.9 70.3
63 27.4 24.5 36.7



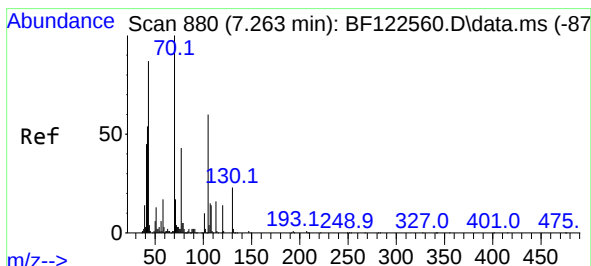
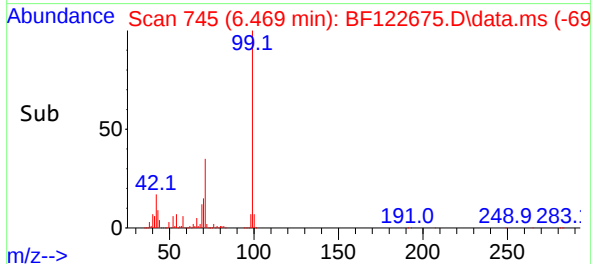
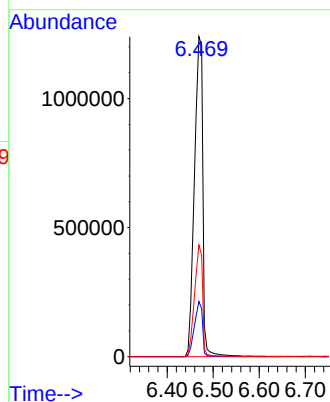
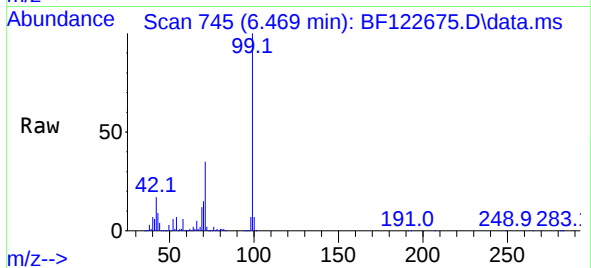


#7
Phenol-d6
Concen: 112.91 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122675.D
Acq: 12 Dec 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB133570BL

Tgt Ion: 99 Resp: 1572616

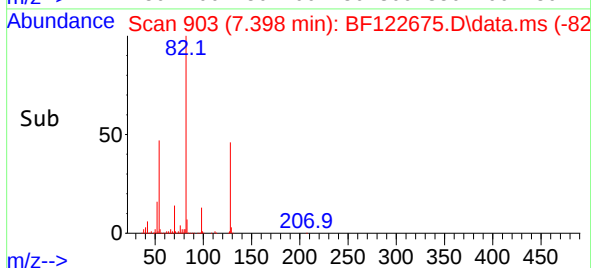
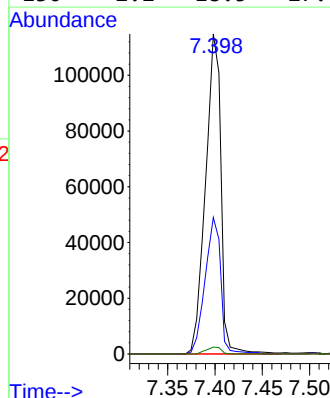
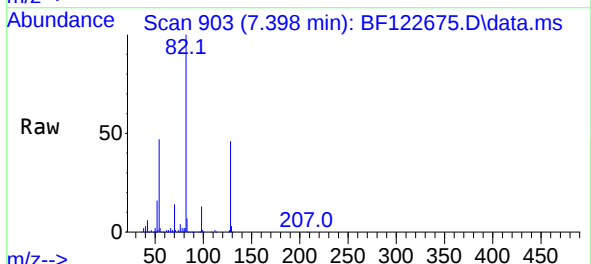
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.8	20.6
71	34.9	26.9	40.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.24 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122675.D
Acq: 12 Dec 2020 13:29

Tgt Ion: 70 Resp: 129539

Ion	Ratio	Lower	Upper
70	100		
42	42.6	43.0	64.4#
101	0.0	7.9	11.9#
130	2.2	18.5	27.7#



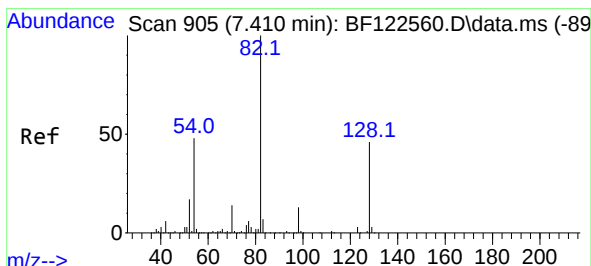
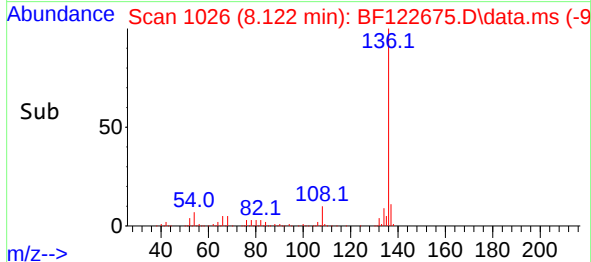
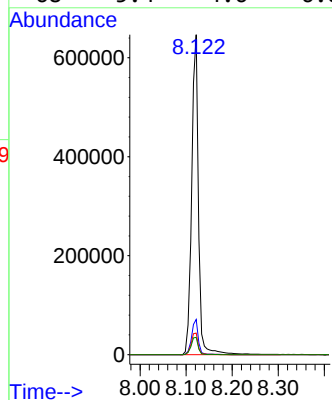
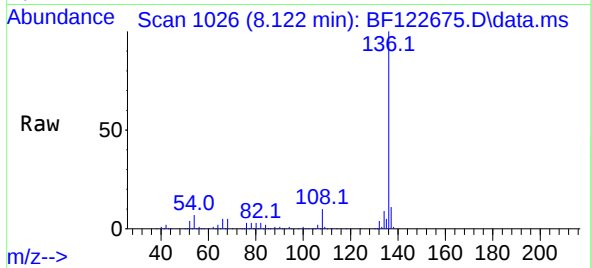


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122675.D
Acq: 12 Dec 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB133570BL

Tgt Ion:136 Resp: 658881

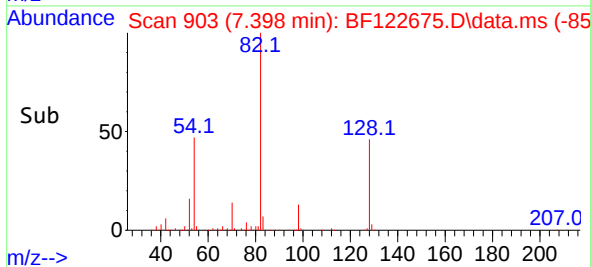
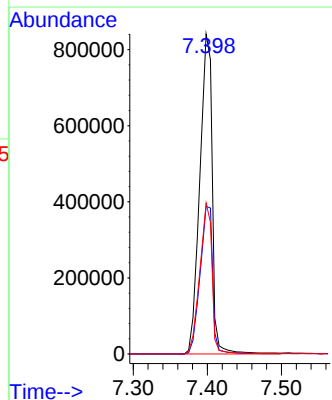
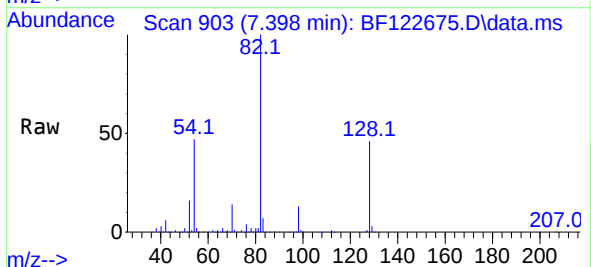
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.8	5.5	8.3
68	5.4	4.6	6.8

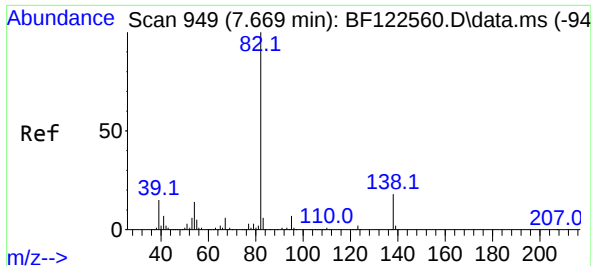


#23
Nitrobenzene-d5
Concen: 74.79 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122675.D
Acq: 12 Dec 2020 13:29

Tgt Ion: 82 Resp: 983599

Ion	Ratio	Lower	Upper
82	100		
128	46.2	37.0	55.4
54	47.2	38.4	57.6

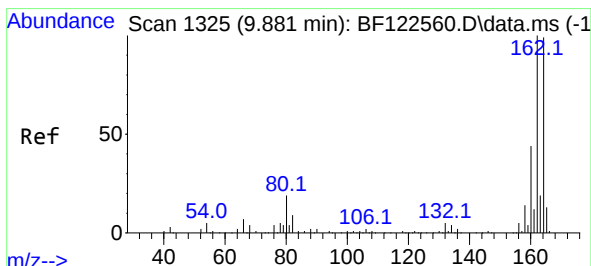
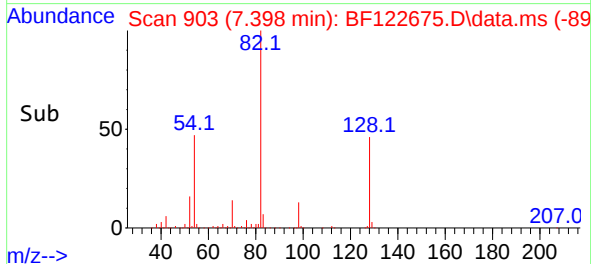
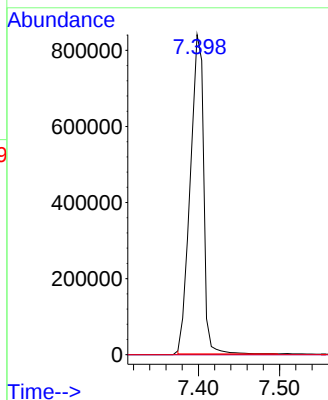
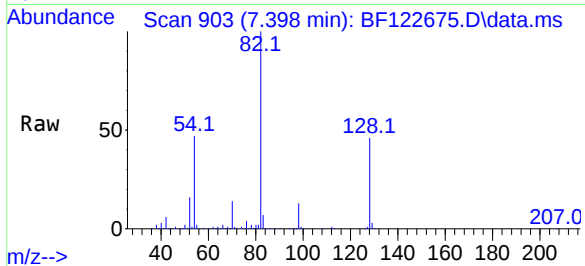




#25
Isophorone
Concen: 42.54 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.271 min
Lab File: BF122675.D
Acq: 12 Dec 2020 13:29

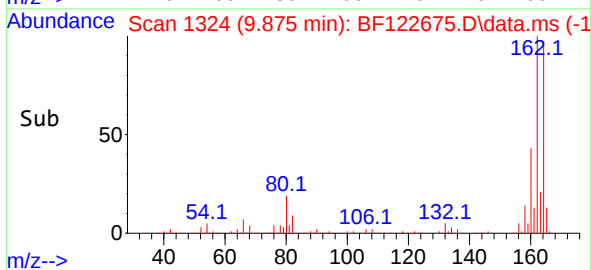
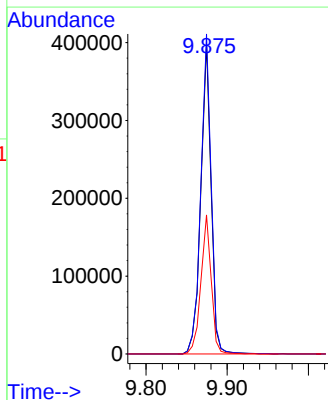
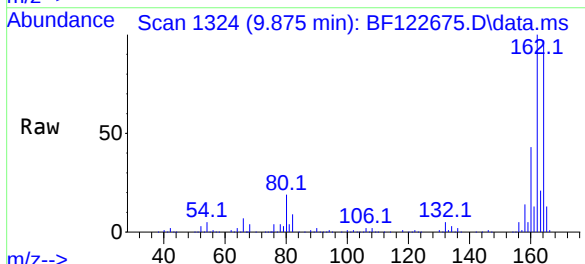
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ClientSampleId :
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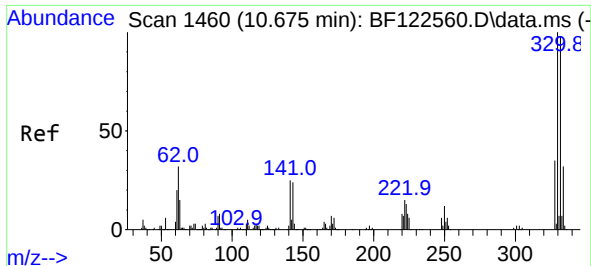
Tgt Ion: 82 Resp: 963585
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122675.D
Acq: 12 Dec 2020 13:29

Tgt Ion: 164 Resp: 352888
Ion Ratio Lower Upper
164 100
162 103.2 80.8 121.2
160 44.8 35.4 53.0

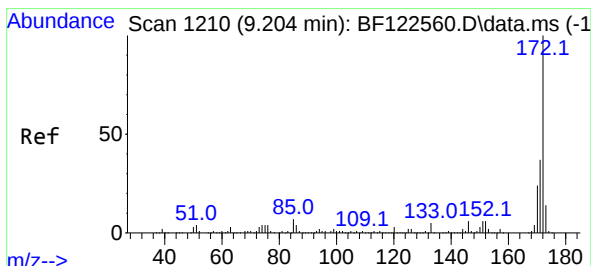
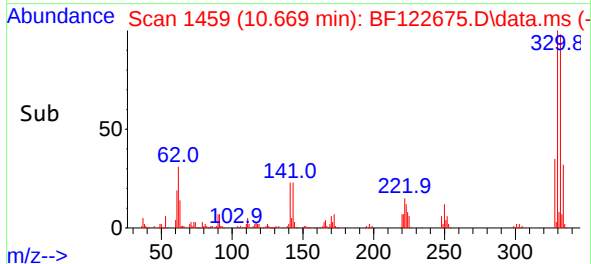
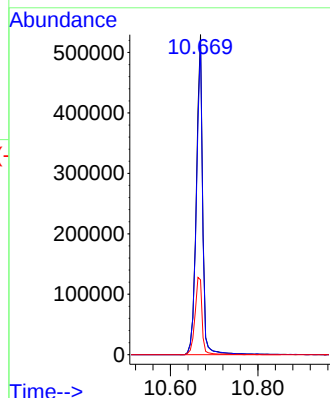
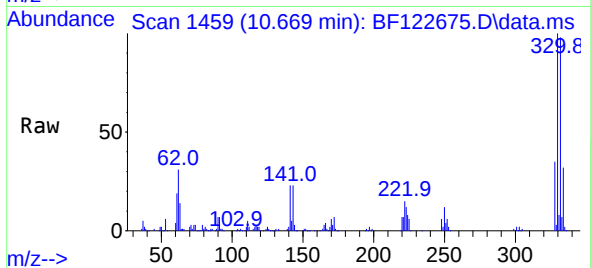




#42
2,4,6-Tribromophenol
Concen: 114.97 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF122675.D
Acq: 12 Dec 2020 13:29

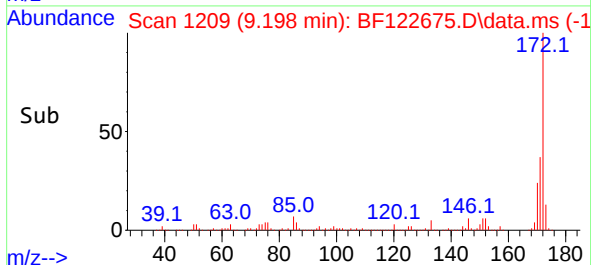
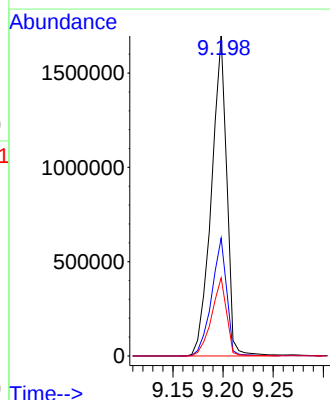
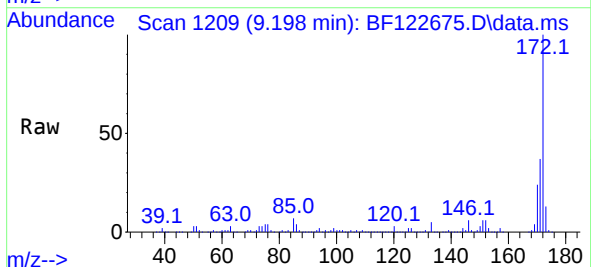
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ClientSampleId :
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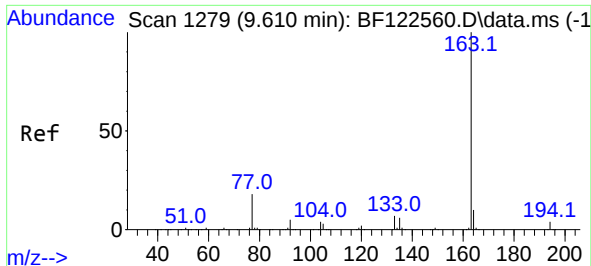
Tgt Ion: 330 Resp: 531062
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 27.3 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 69.23 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122675.D
Acq: 12 Dec 2020 13:29

Tgt Ion: 172 Resp: 1806205
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 24.4 19.5 29.3

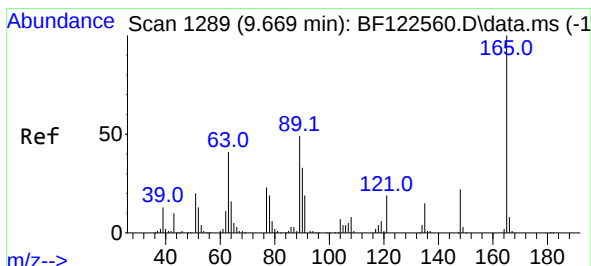
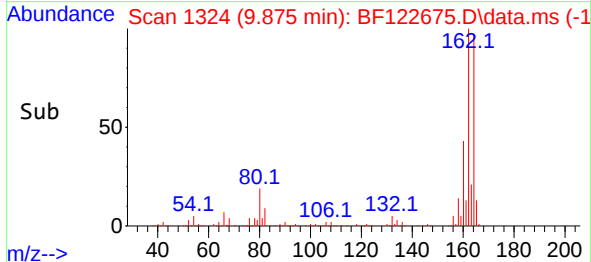
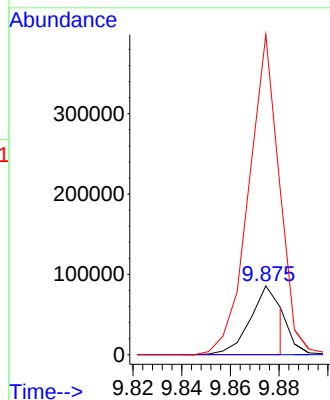
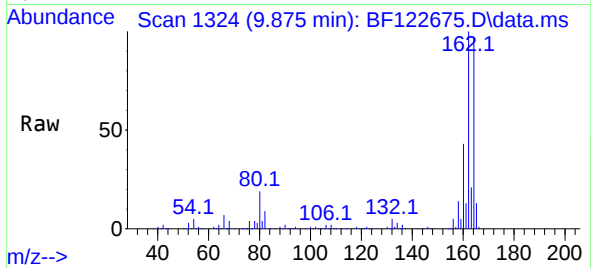




#50
Dimethylphthalate
Concen: 2.65 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.265 min
Lab File: BF122675.D
Acq: 12 Dec 2020 13:29

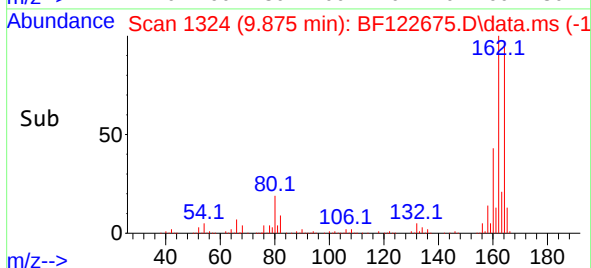
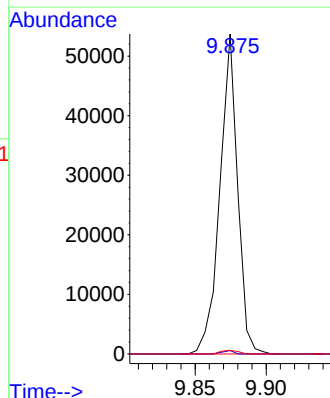
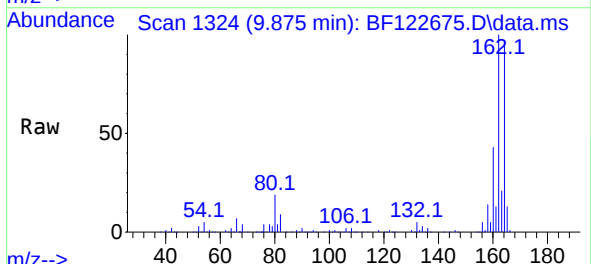
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ClientSampleId :
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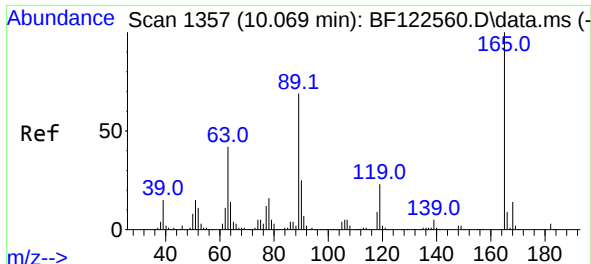
Tgt Ion:163 Resp: 74758
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 464.9 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 7.83 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122675.D
Acq: 12 Dec 2020 13:29

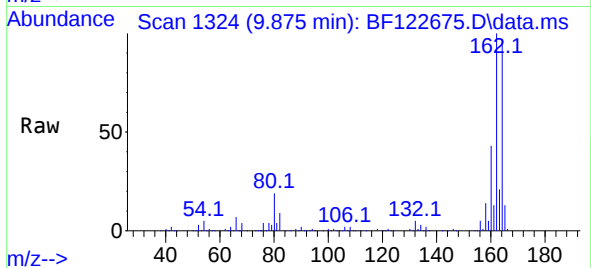
Tgt Ion:165 Resp: 46616
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.1 39.4 59.0#



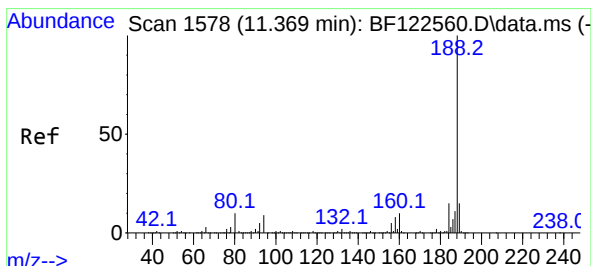
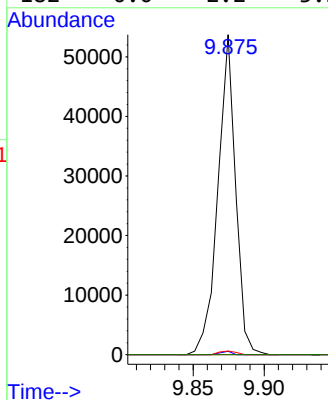
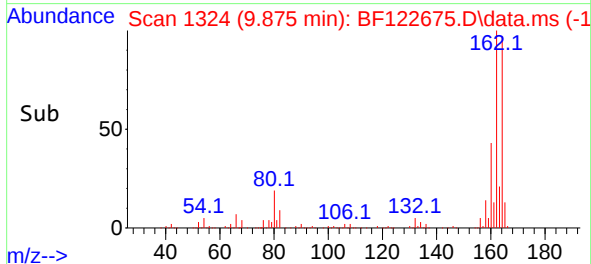


#57
2,4-Dinitrotoluene
Concen: 5.88 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122675.D
Acq: 12 Dec 2020 13:29

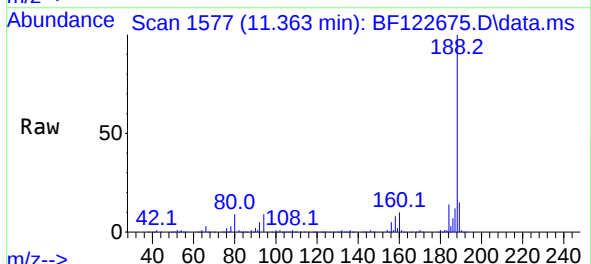
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BNA_F
ClientSampleId :
PB133570BL



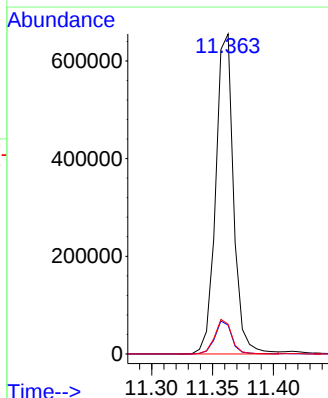
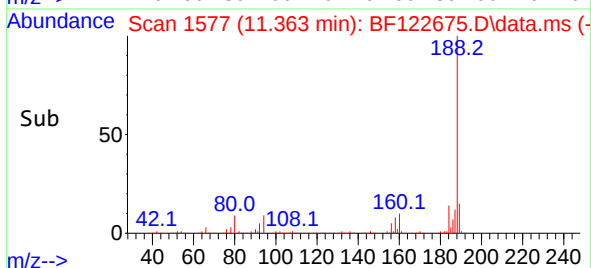
Tgt Ion:165	Resp:	46616
Ion	Ratio	Lower Upper
165	100	
63	1.1	34.3 51.5#
89	1.1	55.2 82.8#
182	0.0	2.2 3.2#

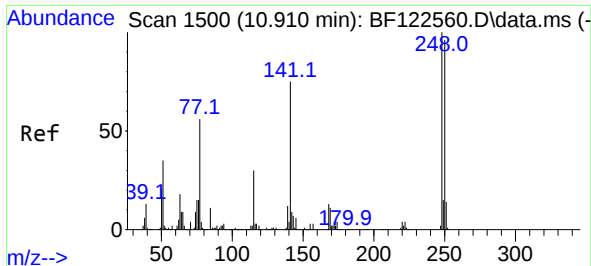


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122675.D
Acq: 12 Dec 2020 13:29



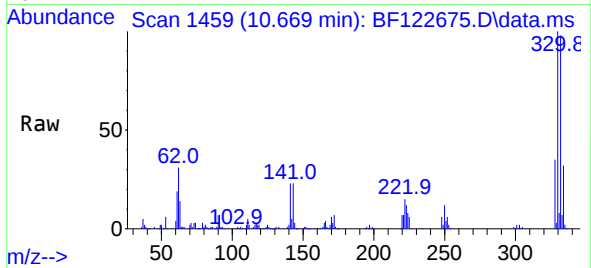
Tgt Ion:188	Resp:	668385
Ion	Ratio	Lower Upper
188	100	
94	9.0	7.4 11.2
80	9.3	8.2 12.4



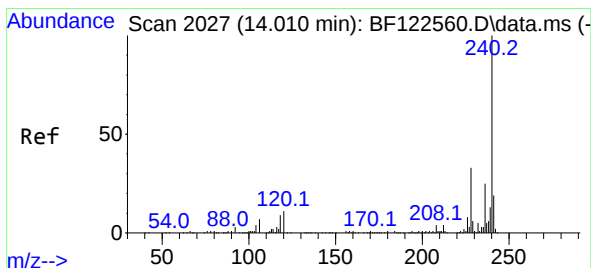
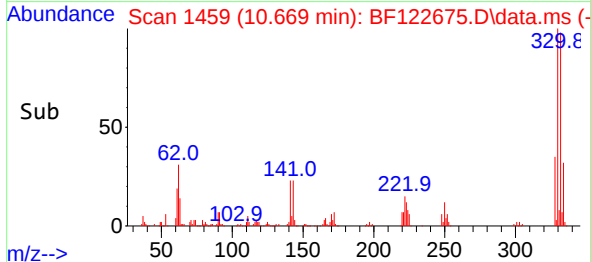
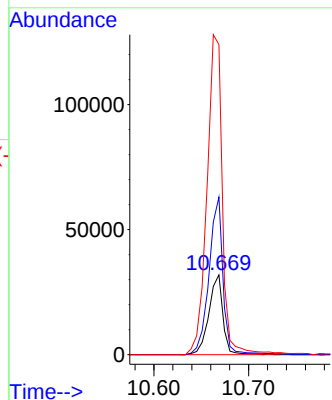


#67
4-Bromophenyl-phenylether
Concen: 3.64 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.241 min
Lab File: BF122675.D
Acq: 12 Dec 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB133570BL

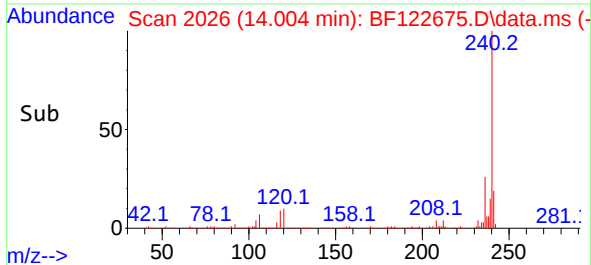
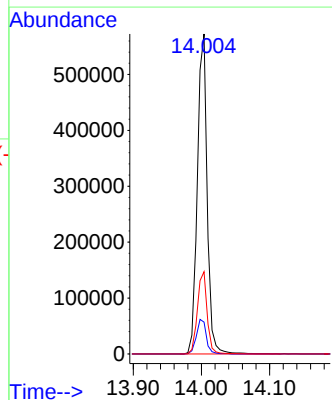
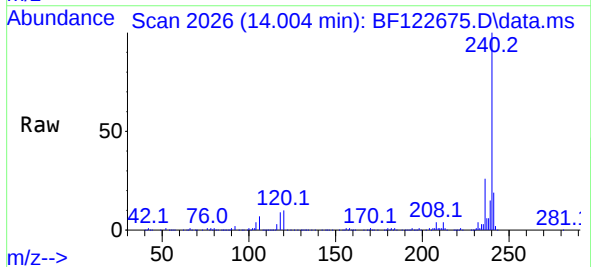


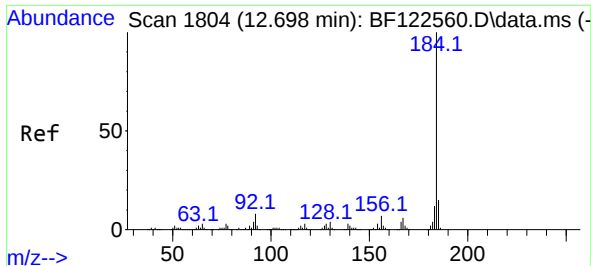
Tgt Ion:248 Resp: 32944
Ion Ratio Lower Upper
248 100
250 197.5 76.8 115.2#
141 388.5 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF122675.D
Acq: 12 Dec 2020 13:29

Tgt Ion:240 Resp: 568497
Ion Ratio Lower Upper
240 100
120 10.0 8.6 12.8
236 25.7 20.3 30.5

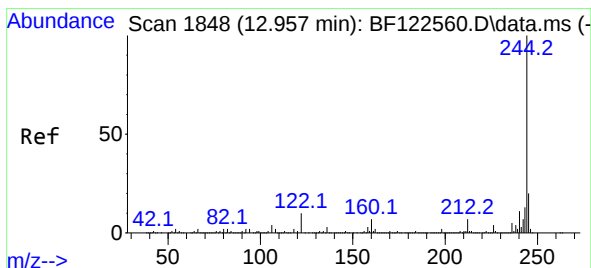
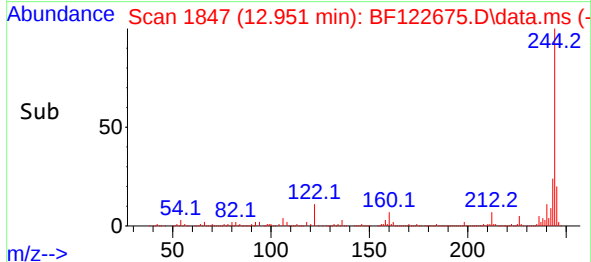
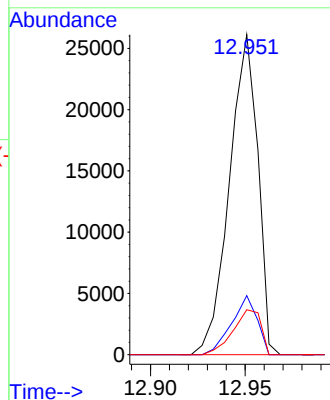
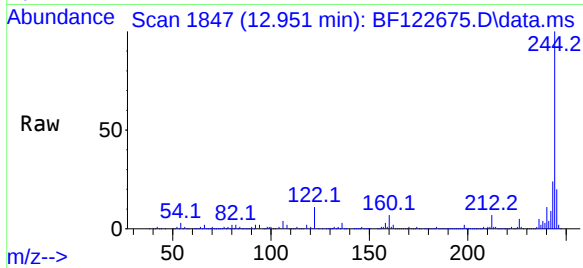




#77
Benzidine
Concen: 2.21 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.253 min
Lab File: BF122675.D
Acq: 12 Dec 2020 13:29

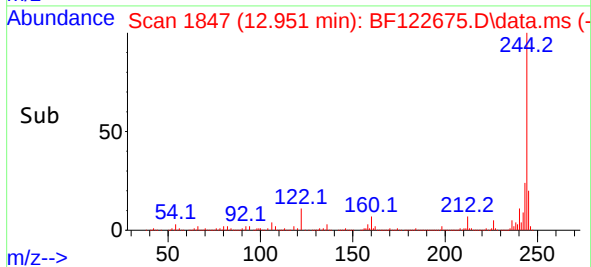
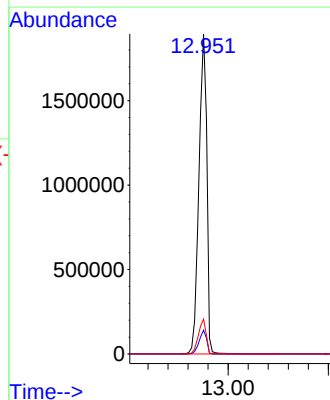
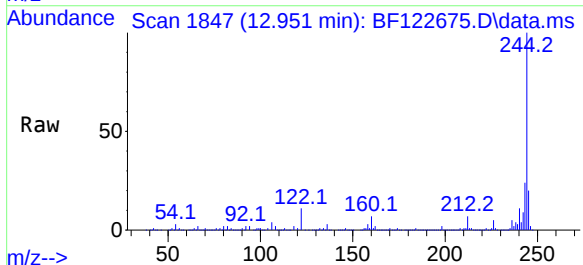
Instrument :
BNA_F
ClientSampleId :
PB133570BL

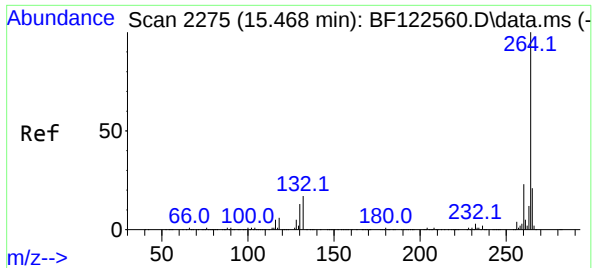
Tgt Ion:184 Resp: 27204
Ion Ratio Lower Upper
184 100
185 18.5 11.8 17.6#
183 14.1 9.7 14.5



#79
Terphenyl-d14
Concen: 63.57 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF122675.D
Acq: 12 Dec 2020 13:29

Tgt Ion:244 Resp: 2064516
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 10.9 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF122675.D
Acq: 12 Dec 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB133570BL

Tgt Ion:264 Resp: 504307
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 21.1 17.0 25.6

