

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
 Data File : BF122570.D
 Acq On : 7 Dec 2020 13:33
 Operator : JU/CG
 Sample : PB133423BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133423BL

Quant Time: Dec 07 14:06:06 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)

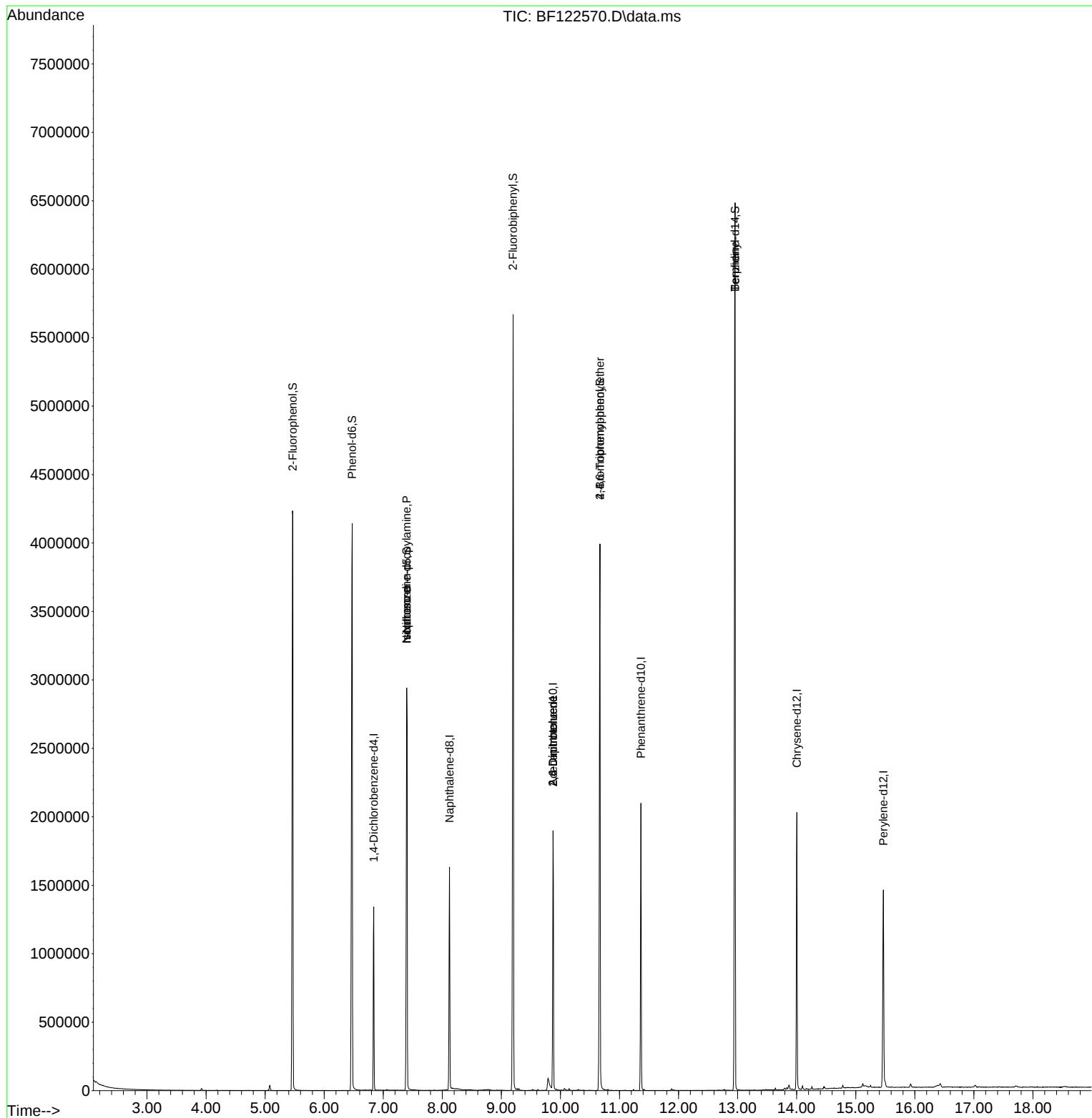
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	193966	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	762035	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	404022	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	757657	20.00	ng	0.00
76) Chrysene-d12	14.004	240	692250	20.00	ng	0.00
86) Perylene-d12	15.468	264	664242	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1386807	113.19	ng	0.01
7) Phenol-d6	6.475	99	1725106	106.17	ng	0.00
23) Nitrobenzene-d5	7.398	82	1116094	73.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	582482	110.14	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	2033228	68.07	ng	0.00
79) Terphenyl-d14	12.957	244	2309939	58.41	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.398	70	151007	16.22	ng	Qvalue # 80
25) Isophorone	7.398	82	1105728	42.21	ng	# 65
51) 2,6-Dinitrotoluene	9.875	165	52632	7.72	ng	# 31
57) 2,4-Dinitrotoluene	9.875	165	52632	5.80	ng	# 25
67) 4-Bromophenyl-phenylether	10.669	248	36748	3.58	ng	# 1
77) Benzidine	12.957	184	30351	2.03	ng	# 90

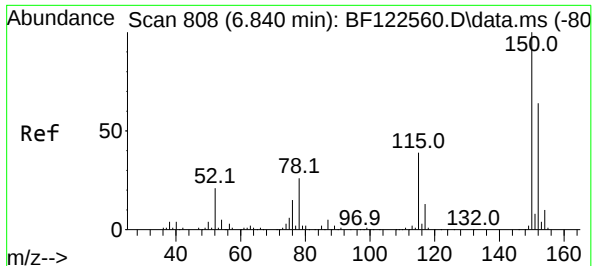
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Time: Dec 07 14:06:06 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

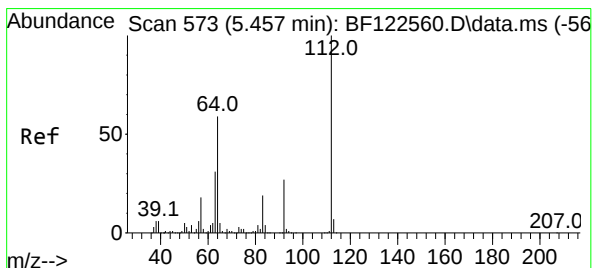
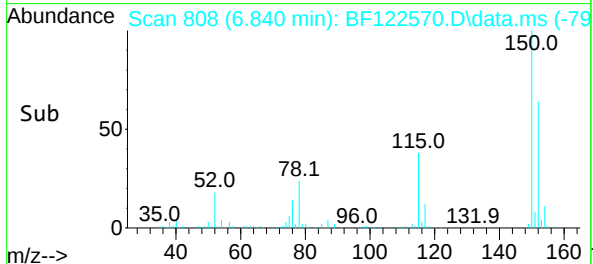
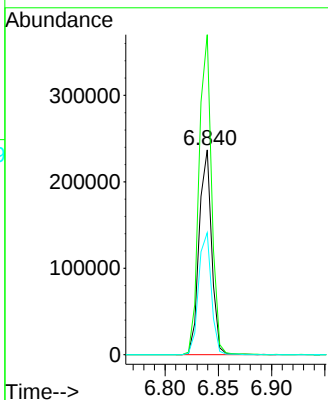
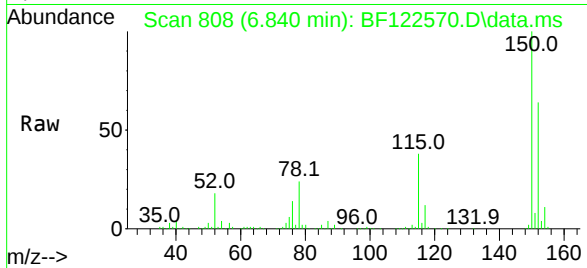




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF122570.D
Acq: 7 Dec 2020 13:33

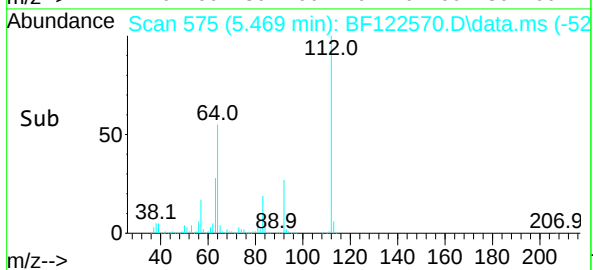
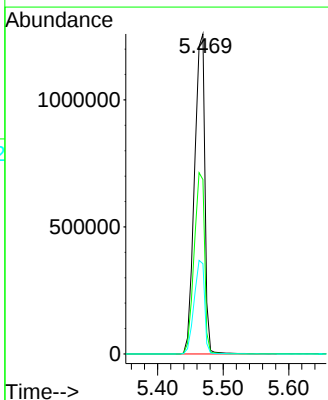
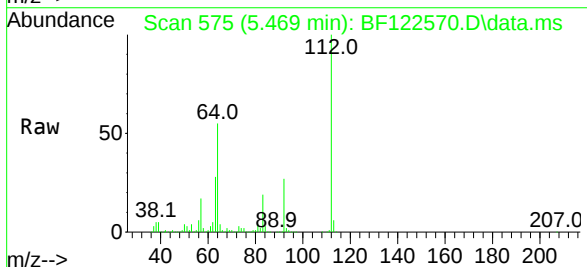
Instrument :
BNA_F
ClientSampleId :
PB133423BL

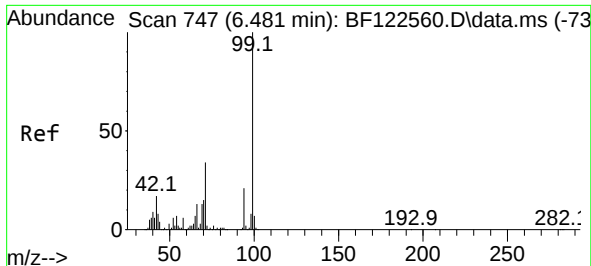
Tgt Ion:152 Resp: 193966
Ion Ratio Lower Upper
152 100
150 156.3 125.8 188.6
115 59.5 49.3 73.9



#5
2-Fluorophenol
Concen: 113.19 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF122570.D
Acq: 7 Dec 2020 13:33

Tgt Ion:112 Resp: 1386807
Ion Ratio Lower Upper
112 100
64 54.5 46.9 70.3
63 28.2 24.5 36.7



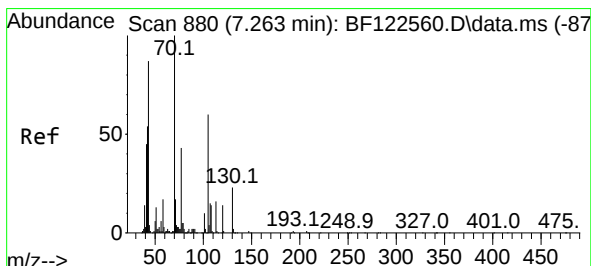
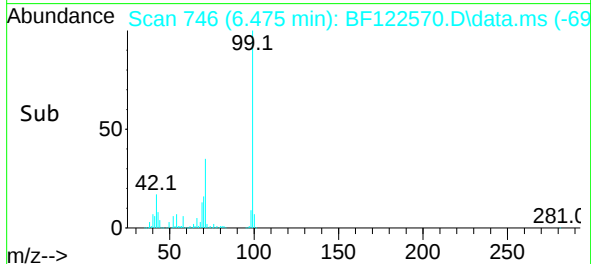
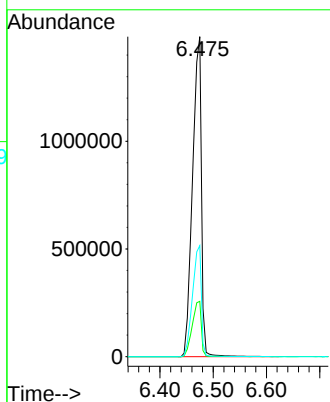
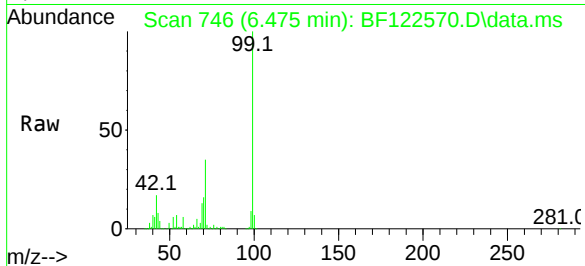


#7
Phenol-d6
Concen: 106.17 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF122570.D
Acq: 7 Dec 2020 13:33

Instrument :
BNA_F
ClientSampleId :
PB133423BL

Tgt Ion: 99 Resp: 1725106

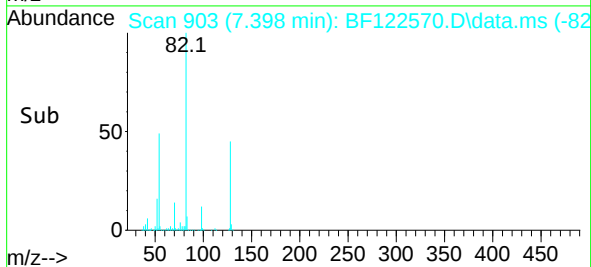
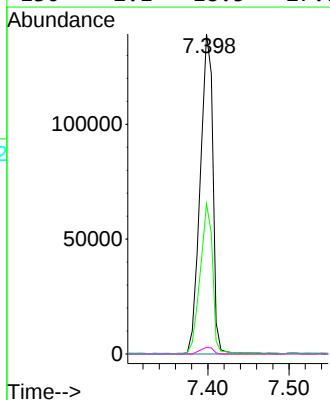
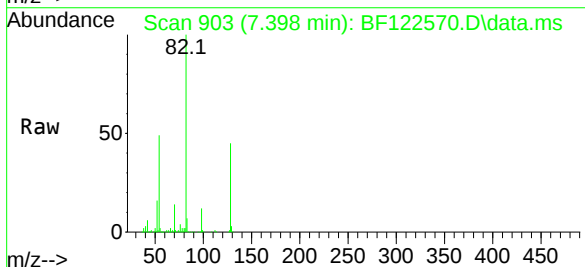
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.8	20.6
71	34.7	26.9	40.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.22 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122570.D
Acq: 7 Dec 2020 13:33

Tgt Ion: 70 Resp: 151007

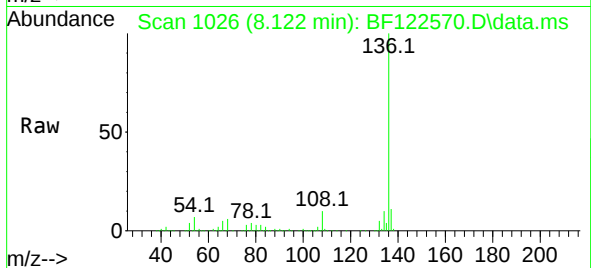
Ion	Ratio	Lower	Upper
70	100		
42	46.9	43.0	64.4
101	0.0	7.9	11.9#
130	2.1	18.5	27.7#



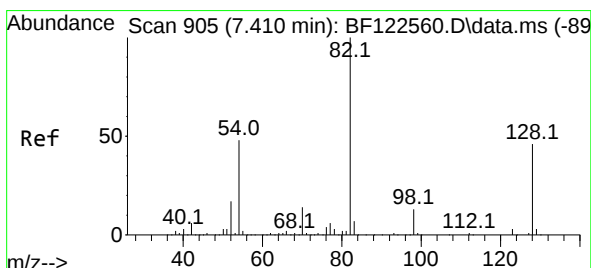
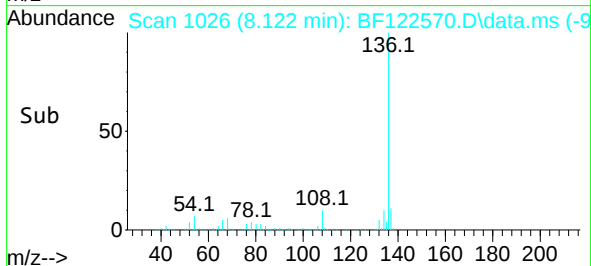
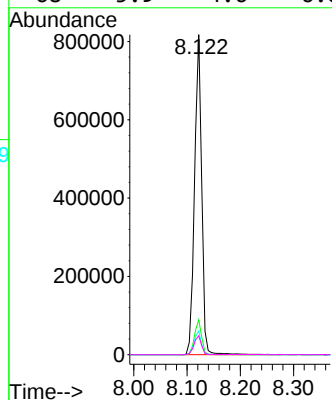


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122570.D
Acq: 7 Dec 2020 13:33

Instrument :
BNA_F
ClientSampleId :
PB133423BL

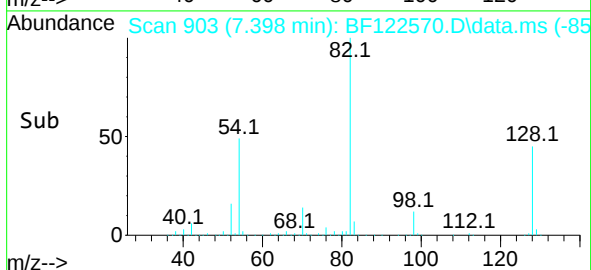
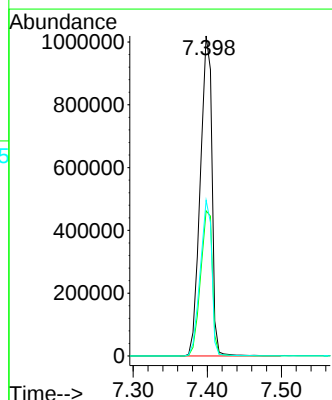
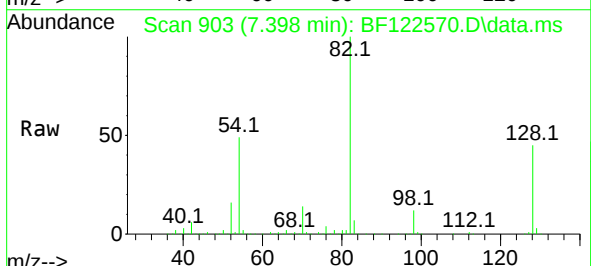


Tgt Ion:136 Resp: 762035
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.4 5.5 8.3
68 5.9 4.6 6.8



#23
Nitrobenzene-d5
Concen: 73.38 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122570.D
Acq: 7 Dec 2020 13:33

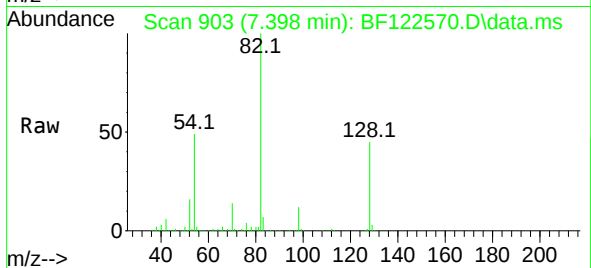
Tgt Ion: 82 Resp: 1116094
Ion Ratio Lower Upper
82 100
128 45.3 37.0 55.4
54 48.6 38.4 57.6



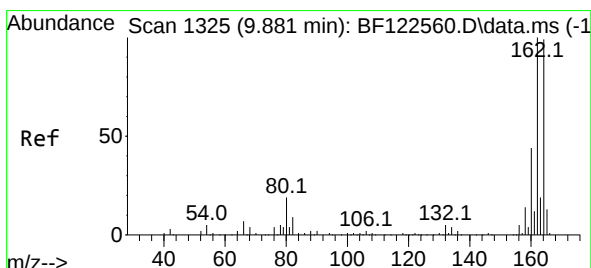
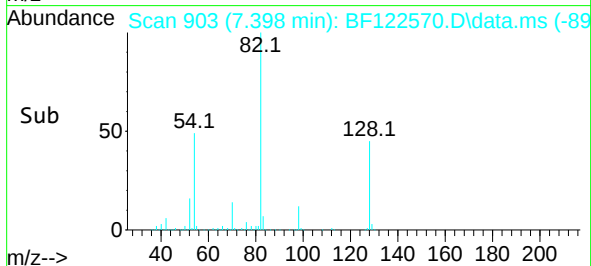
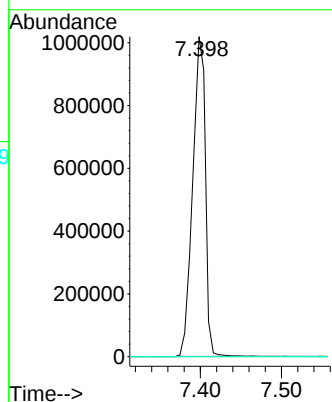


#25
Isophorone
Concen: 42.21 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.271 min
Lab File: BF122570.D
Acq: 7 Dec 2020 13:33

Instrument :
BNA_F
ClientSampleId :
PB133423BL

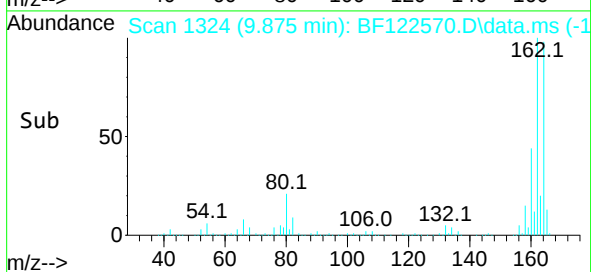
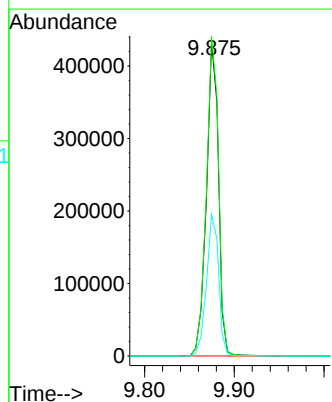
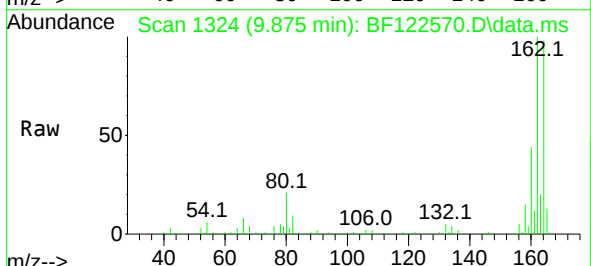


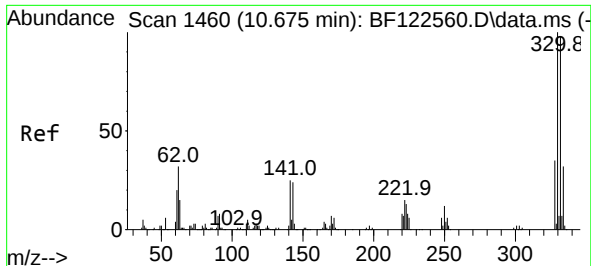
Tgt Ion: 82 Resp: 1105728
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122570.D
Acq: 7 Dec 2020 13:33

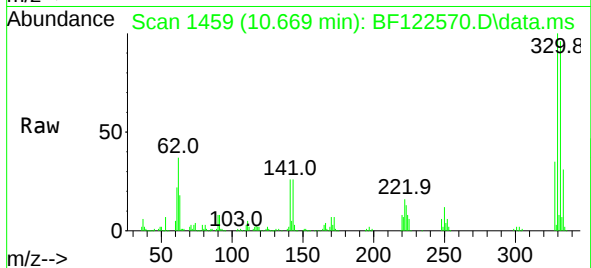
Tgt Ion: 164 Resp: 404022
Ion Ratio Lower Upper
164 100
162 101.8 80.8 121.2
160 45.0 35.4 53.0



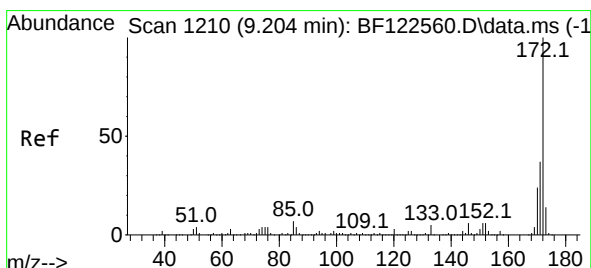
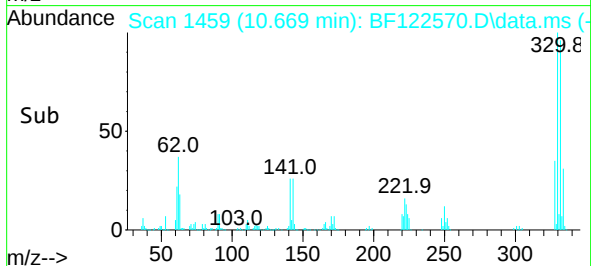
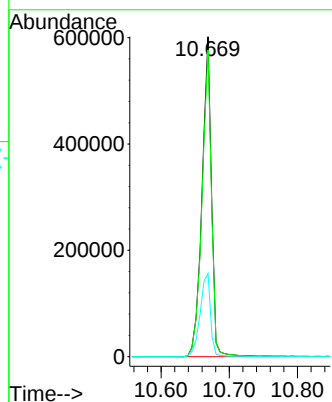


#42
2,4,6-Tribromophenol
Concen: 110.14 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF122570.D
Acq: 7 Dec 2020 13:33

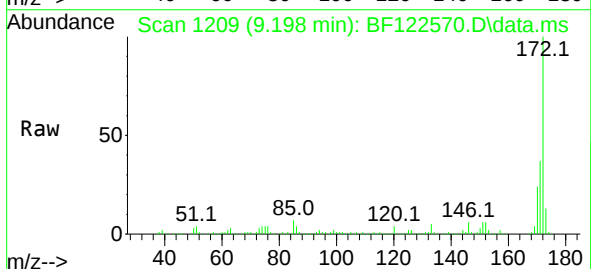
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ClientSampleId :
PB133423BL



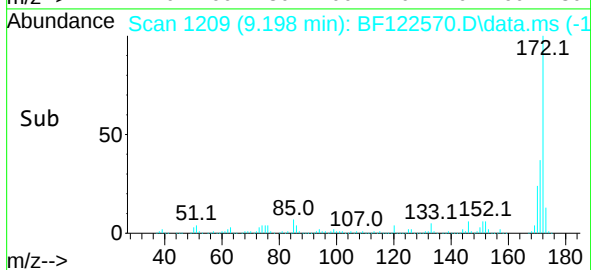
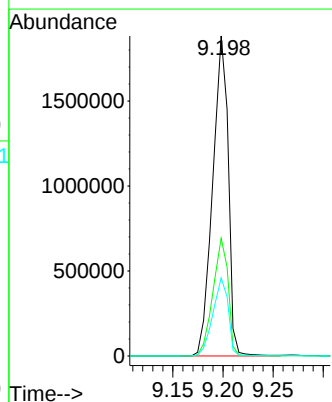
Tgt Ion:330 Resp: 582482
Ion Ratio Lower Upper
330 100
332 96.7 77.5 116.3
141 28.8 23.8 35.8

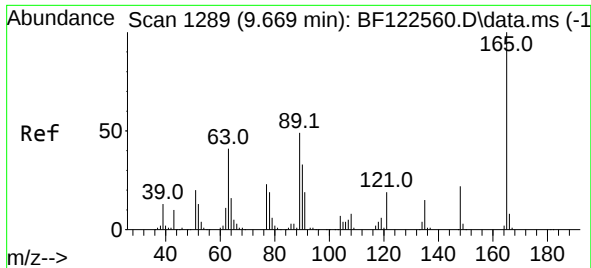


#45
2-Fluorobiphenyl
Concen: 68.07 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122570.D
Acq: 7 Dec 2020 13:33



Tgt Ion:172 Resp: 2033228
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.4 19.5 29.3

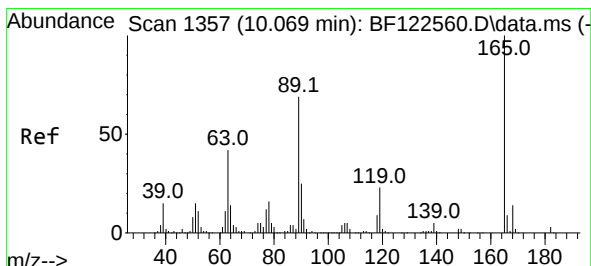
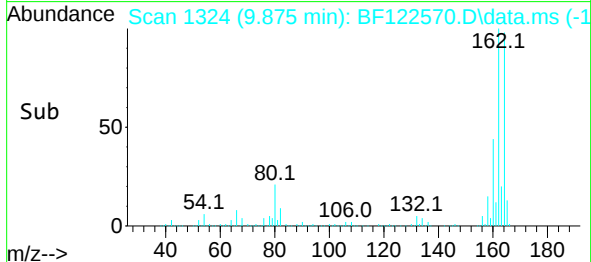
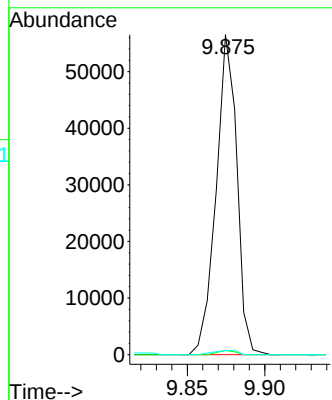
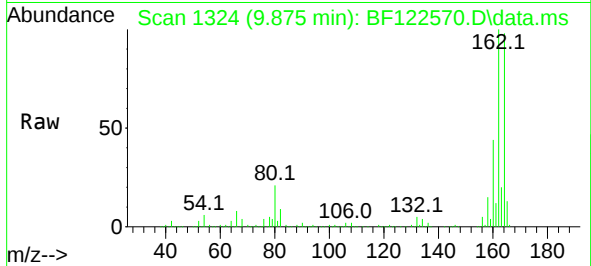




#51
2,6-Dinitrotoluene
Concen: 7.72 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122570.D
Acq: 7 Dec 2020 13:33

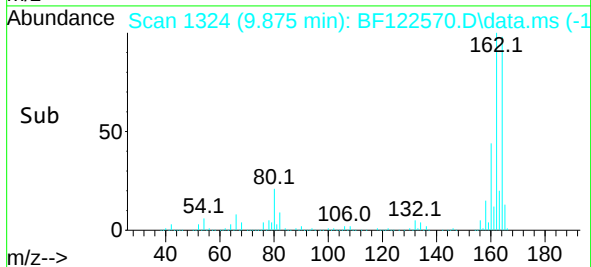
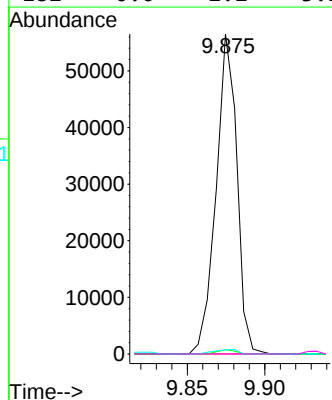
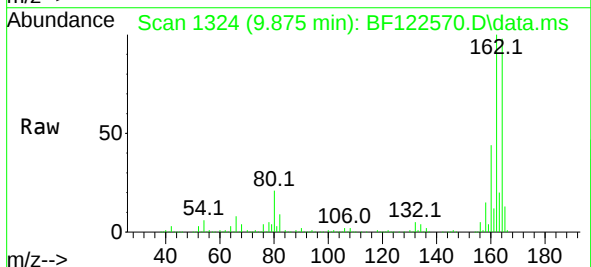
Instrument :
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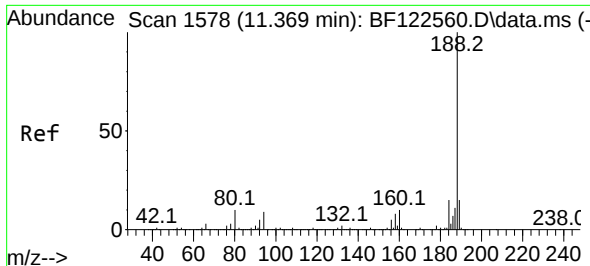
Tgt Ion:165 Resp: 52632
Ion Ratio Lower Upper
165 100
63 1.3 36.6 55.0#
89 1.3 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.80 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122570.D
Acq: 7 Dec 2020 13:33

Tgt Ion:165 Resp: 52632
Ion Ratio Lower Upper
165 100
63 1.3 34.3 51.5#
89 1.3 55.2 82.8#
182 0.0 2.2 3.2#

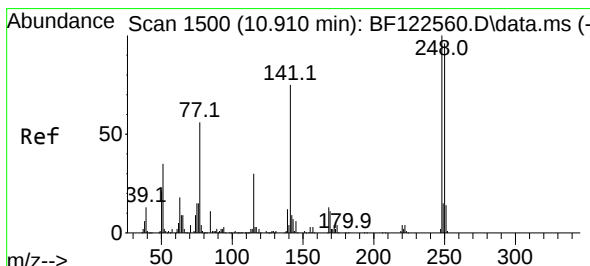
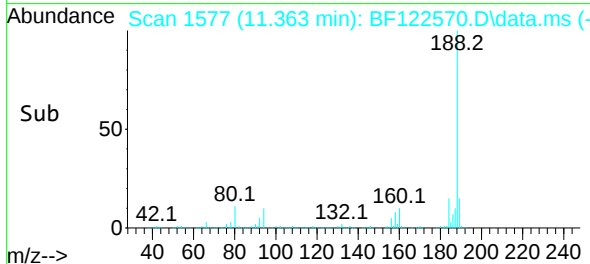
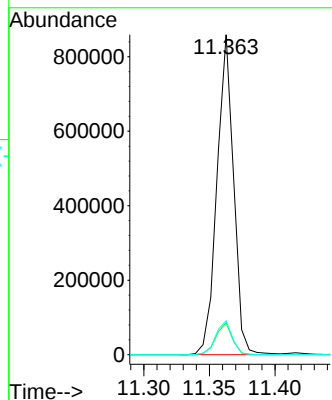
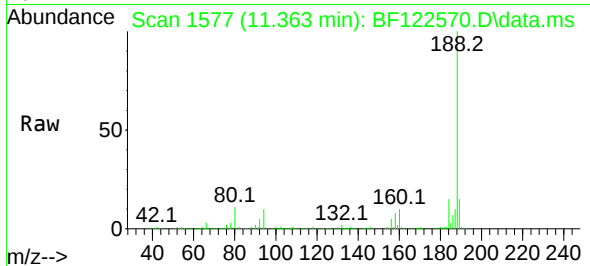




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122570.D
Acq: 7 Dec 2020 13:33

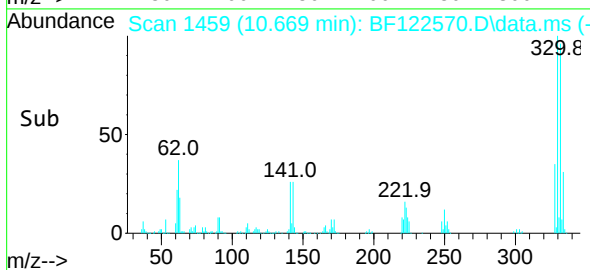
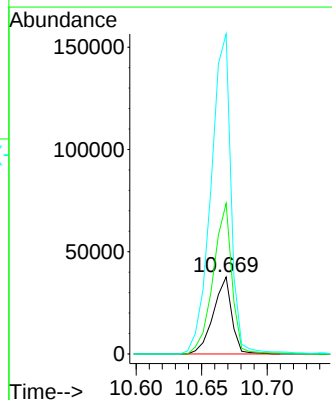
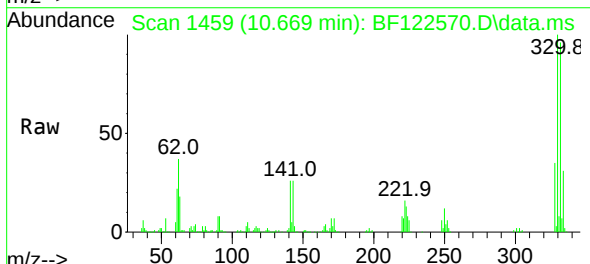
Instrument :
BNA_F
ClientSampleId :
PB133423BL

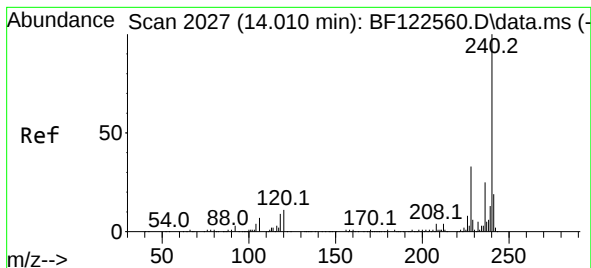
Tgt Ion:188 Resp: 757657
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 10.6 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.58 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.241 min
Lab File: BF122570.D
Acq: 7 Dec 2020 13:33

Tgt Ion:248 Resp: 36748
Ion Ratio Lower Upper
248 100
250 195.7 76.8 115.2#
141 416.1 59.8 89.8#

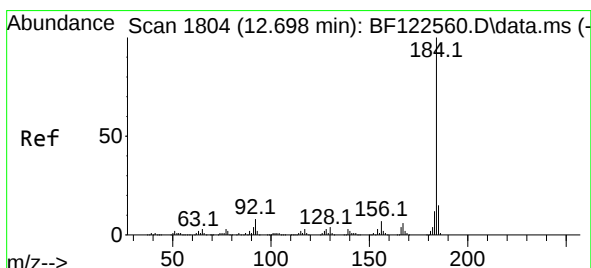
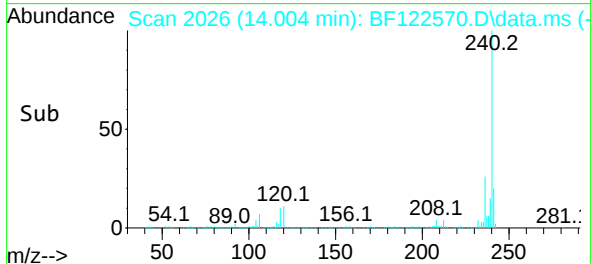
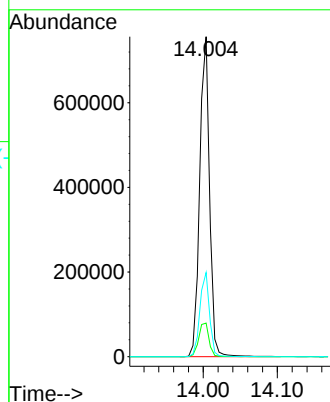
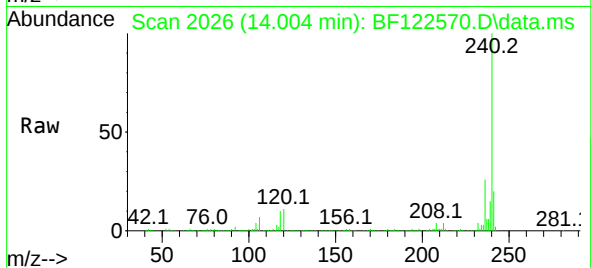




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF122570.D
Acq: 7 Dec 2020 13:33

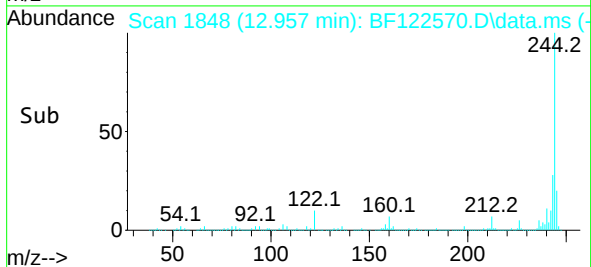
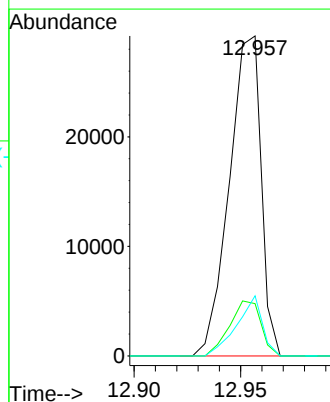
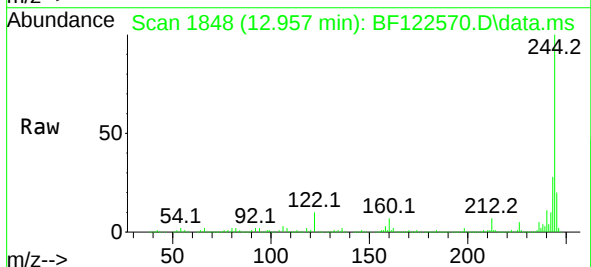
Instrument :
BNA_F
ClientSampleId :
PB133423BL

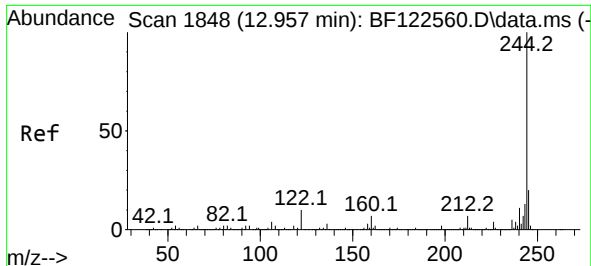
Tgt Ion:240 Resp: 692250
Ion Ratio Lower Upper
240 100
120 10.5 8.6 12.8
236 26.3 20.3 30.5



#77
Benzidine
Concen: 2.03 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.259 min
Lab File: BF122570.D
Acq: 7 Dec 2020 13:33

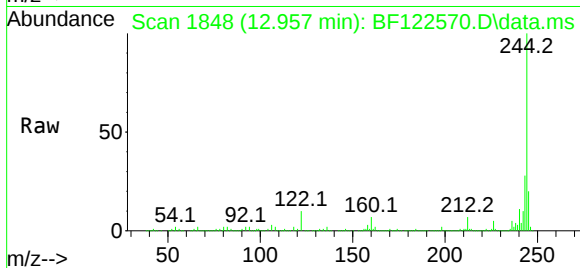
Tgt Ion:184 Resp: 30351
Ion Ratio Lower Upper
184 100
185 16.4 11.8 17.6
183 18.8 9.7 14.5#



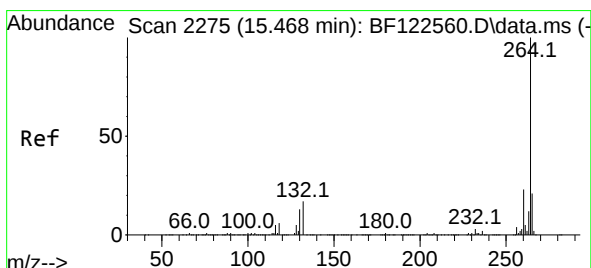
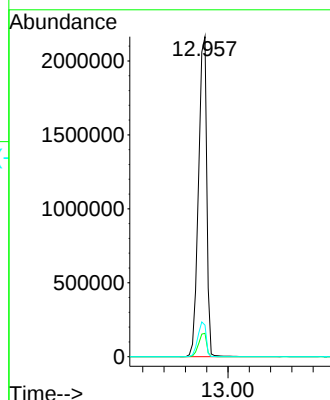
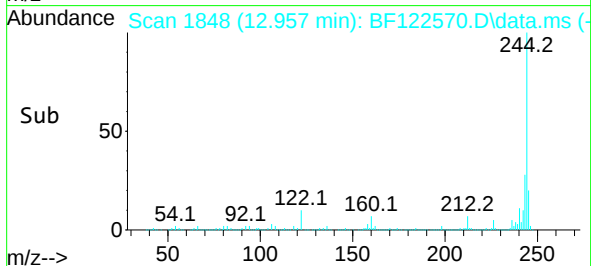


#79
 Terphenyl-d14
 Concen: 58.41 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.000 min
 Lab File: BF122570.D
 Acq: 7 Dec 2020 13:33

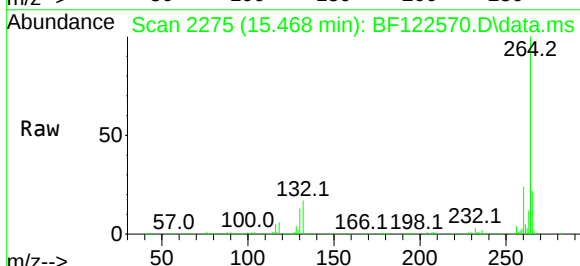
Instrument :
 BNA_F
 ClientSampleId :
 PB133423BL



Tgt Ion:244 Resp: 2309939
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 9.9 8.3 12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. -0.000 min
 Lab File: BF122570.D
 Acq: 7 Dec 2020 13:33



Tgt Ion:264 Resp: 664242
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 28.0
 265 21.9 17.0 25.6

