

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
 Data File : BF122853.D
 Acq On : 24 Dec 2020 13:12
 Operator : JU/CG
 Sample : PB133798BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133798BL

Quant Time: Dec 24 14:13:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

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

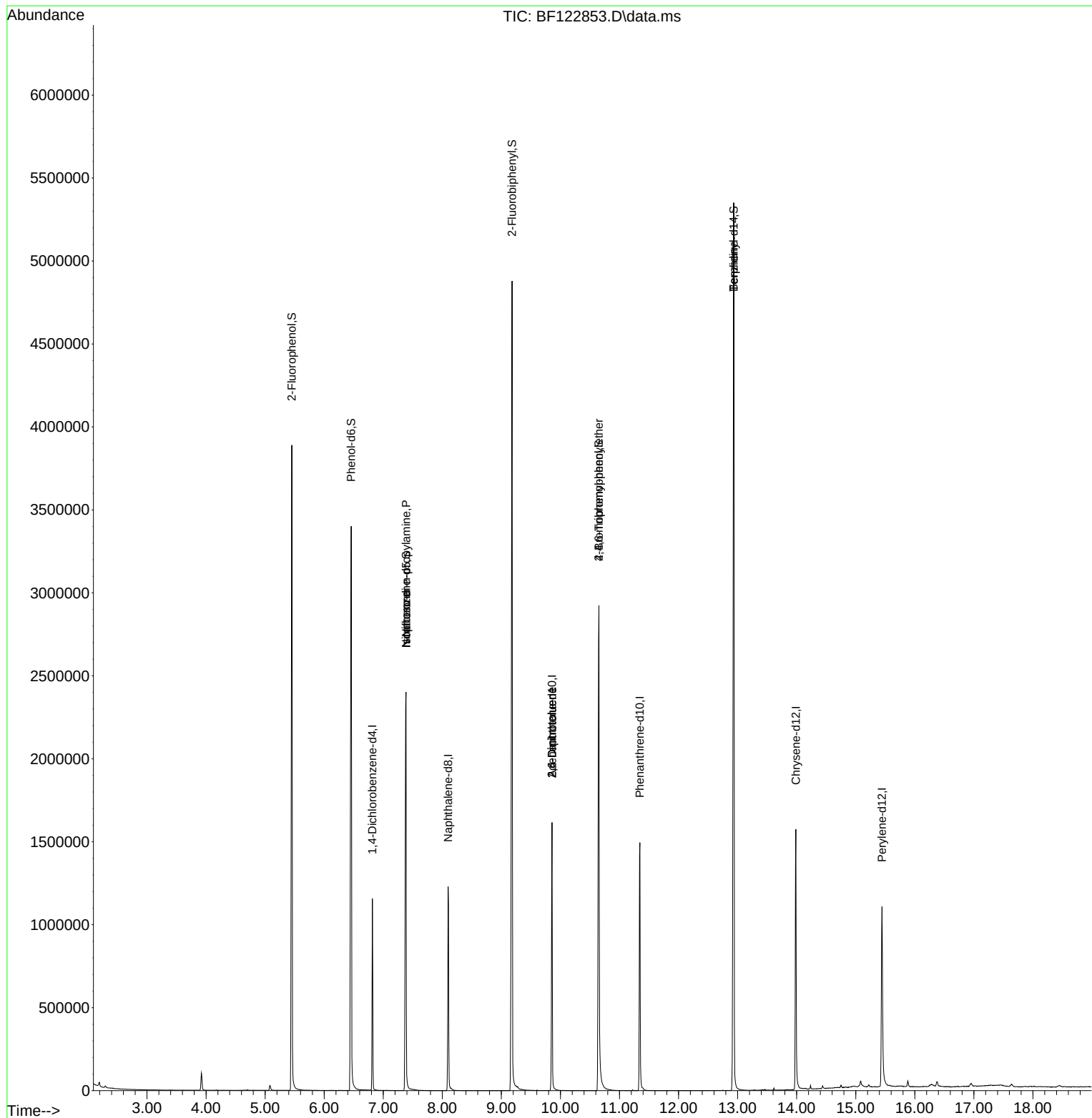
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	174019	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	672685	20.00	ng	-0.01
39) Acenaphthene-d10	9.857	164	356455	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	673279	20.00	ng	0.00
76) Chrysene-d12	13.986	240	652266	20.00	ng	0.00
86) Perylene-d12	15.445	264	629514	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1268498	115.40	ng	0.02
7) Phenol-d6	6.457	99	1575250	108.06	ng	0.00
23) Nitrobenzene-d5	7.386	82	1031745	76.85	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	526178	112.77	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1831813	69.51	ng	0.00
79) Terphenyl-d14	12.933	244	2231715	59.89	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.386	70	137195	16.43	ng	Qvalue # 76
25) Isophorone	7.386	82	1031737	44.62	ng	# 65
51) 2,6-Dinitrotoluene	9.857	165	44624	7.42	ng	# 31
57) 2,4-Dinitrotoluene	9.857	165	44624	5.57	ng	# 25
67) 4-Bromophenyl-phenylether	10.651	248	32074	3.52	ng	# 1
77) Benzidine	12.933	184	28856	2.05	ng	# 93

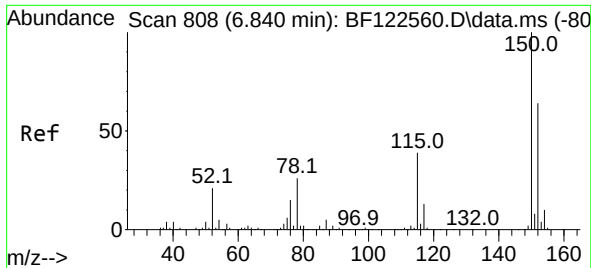
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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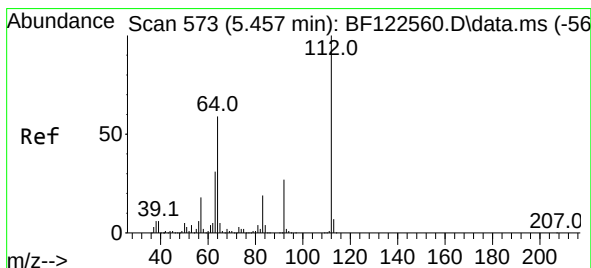
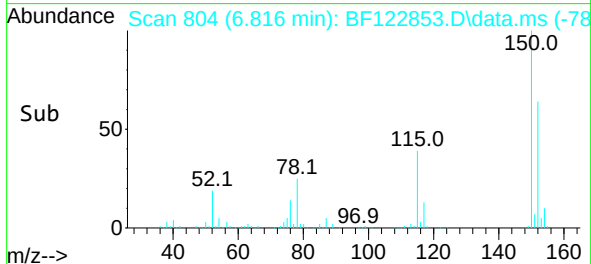
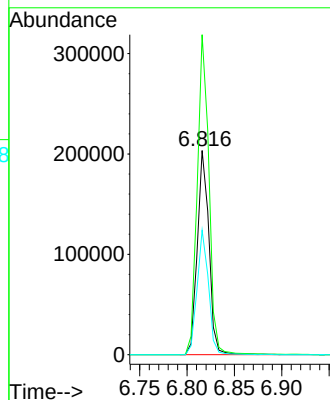
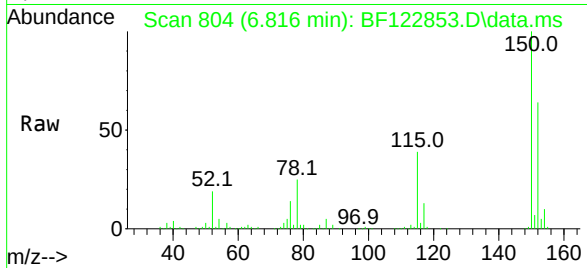




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122853.D
Acq: 24 Dec 2020 13:12

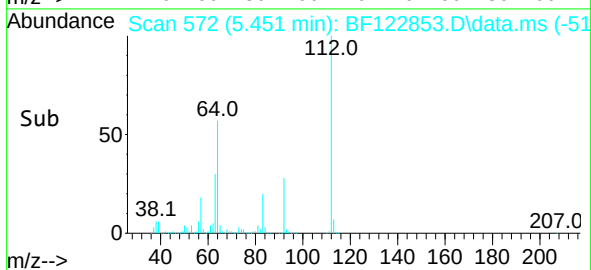
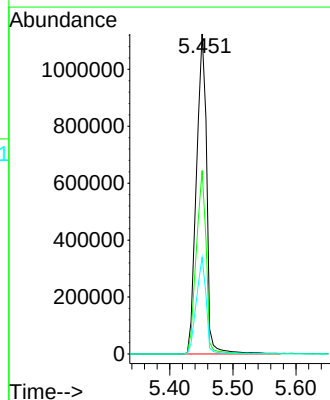
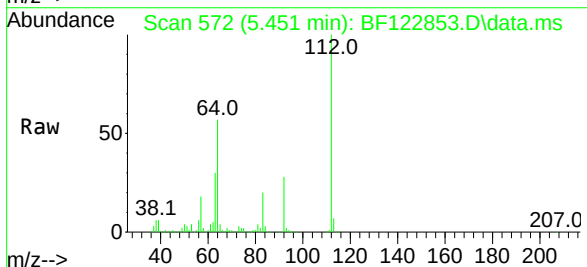
Instrument :
BNA_F
ClientSampleId :
PB133798BL

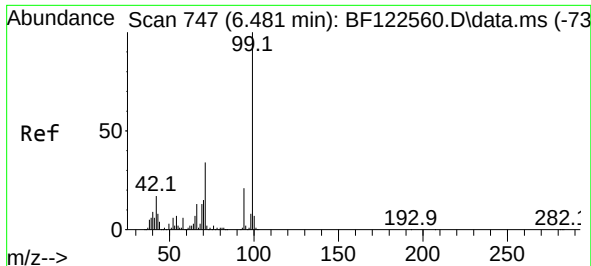
Tgt Ion:152 Resp: 174019
Ion Ratio Lower Upper
152 100
150 156.8 125.8 188.6
115 61.0 49.3 73.9



#5
2-Fluorophenol
Concen: 115.40 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.017 min
Lab File: BF122853.D
Acq: 24 Dec 2020 13:12

Tgt Ion:112 Resp: 1268498
Ion Ratio Lower Upper
112 100
64 57.4 46.9 70.3
63 30.2 24.5 36.7

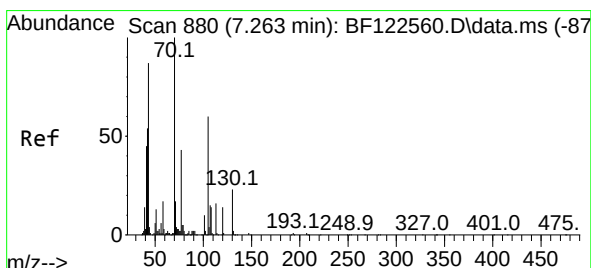
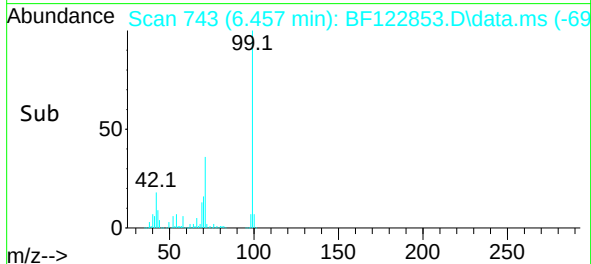
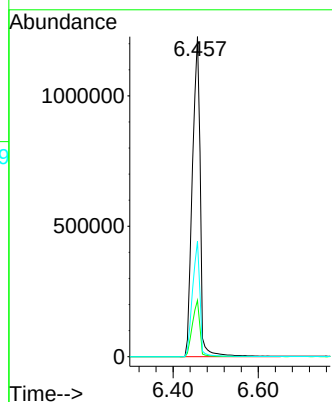
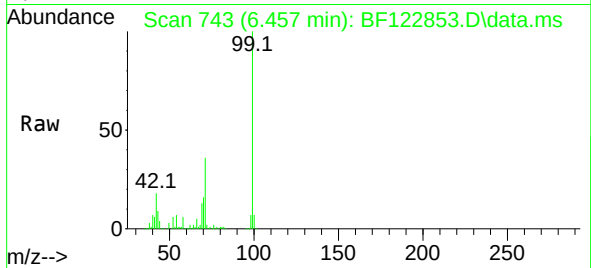




#7
Phenol-d6
Concen: 108.06 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF122853.D
Acq: 24 Dec 2020 13:12

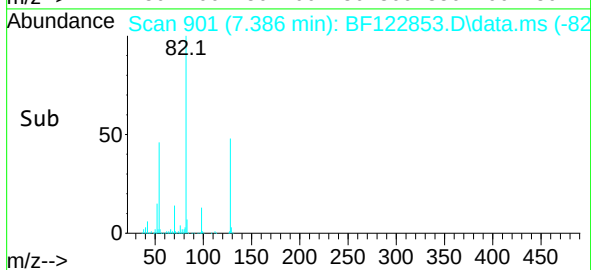
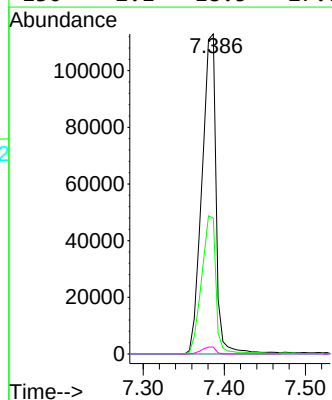
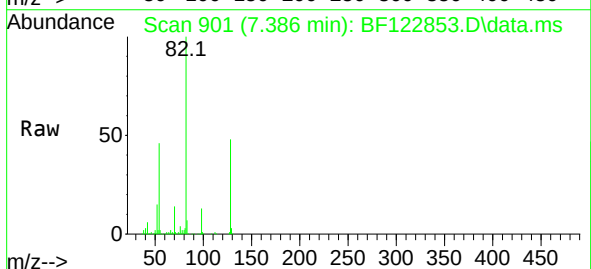
Instrument :
BNA_F
ClientSampleId :
PB133798BL

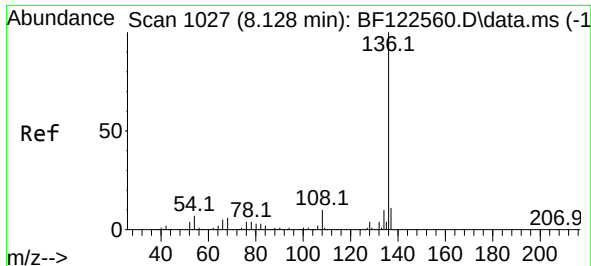
Tgt Ion: 99 Resp: 1575250
Ion Ratio Lower Upper
99 100
42 17.6 13.8 20.6
71 36.1 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.43 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF122853.D
Acq: 24 Dec 2020 13:12

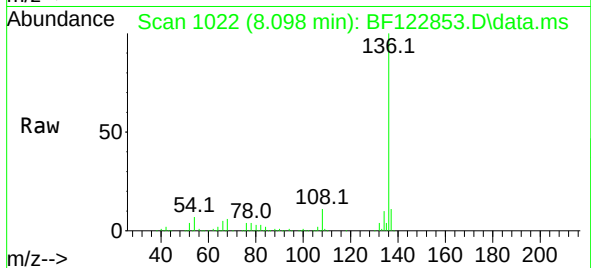
Tgt Ion: 70 Resp: 137195
Ion Ratio Lower Upper
70 100
42 42.4 43.0 64.4#
101 0.0 7.9 11.9#
130 2.1 18.5 27.7#



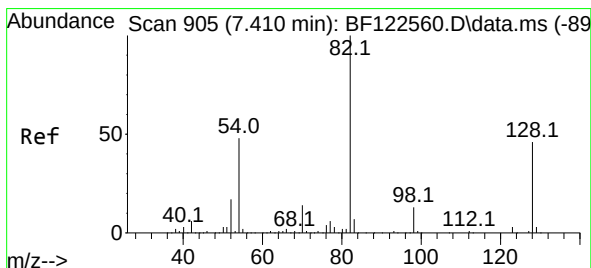
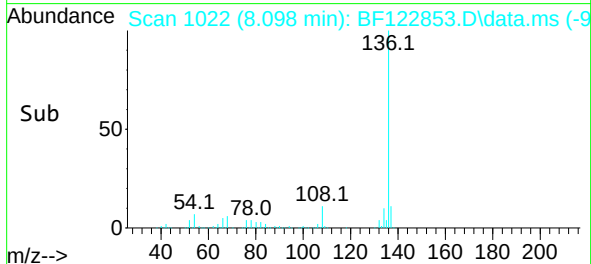
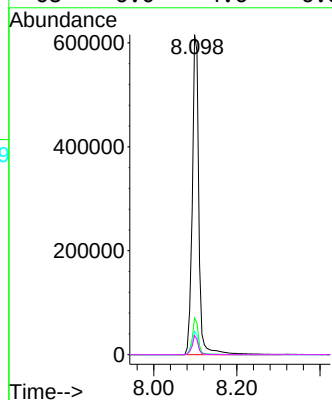


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122853.D
Acq: 24 Dec 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB133798BL

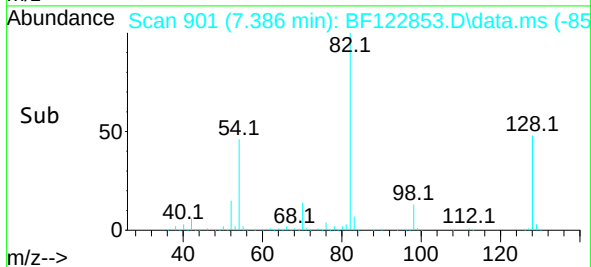
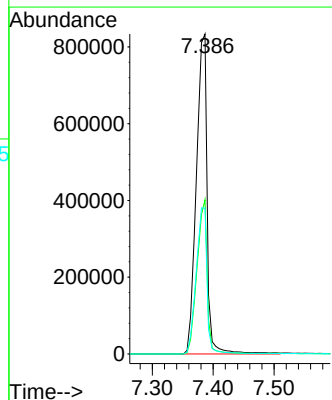
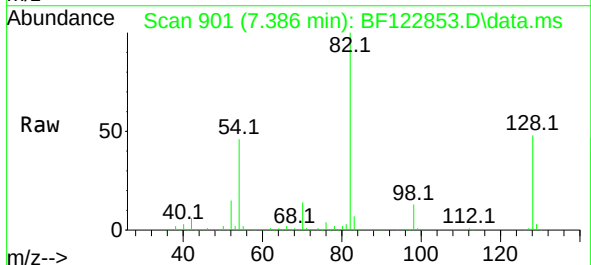


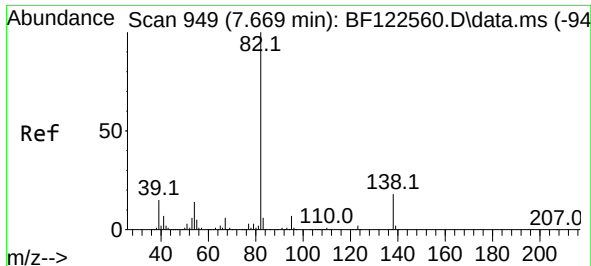
Tgt	Ion:136	Resp:	672685
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	7.3	5.5	8.3
68	6.0	4.6	6.8



#23
Nitrobenzene-d5
Concen: 76.85 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF122853.D
Acq: 24 Dec 2020 13:12

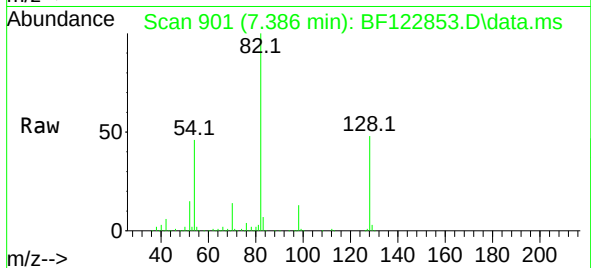
Tgt Ion: 82		Resp: 1031745	
Ion	Ratio	Lower	Upper
82	100		
128	48.2	37.0	55.4
54	45.6	38.4	57.6



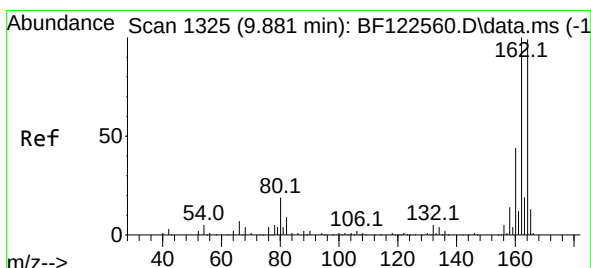
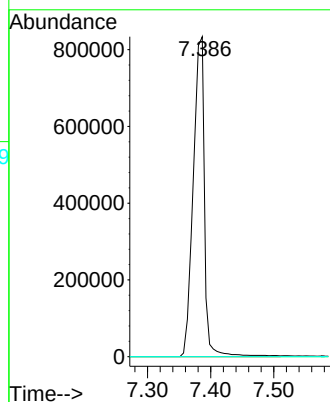
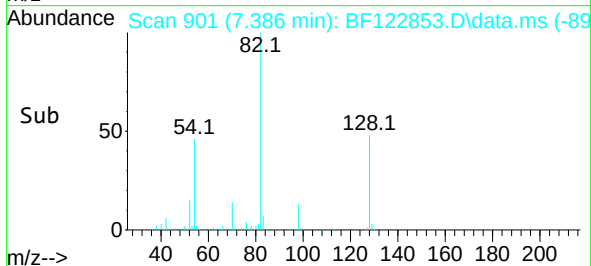


#25
Isophorone
Concen: 44.62 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.259 min
Lab File: BF122853.D
Acq: 24 Dec 2020 13:12

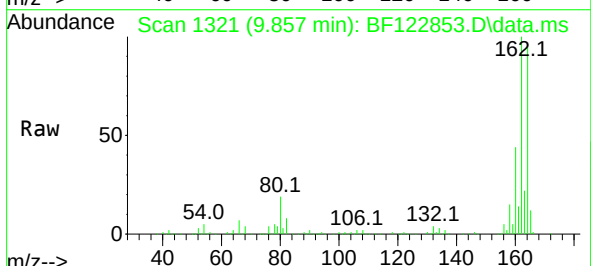
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ClientSampleId :
PB133798BL



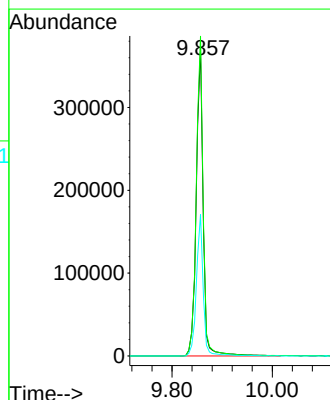
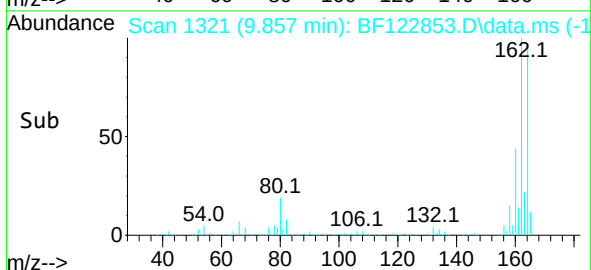
Tgt Ion: 82 Resp: 1031737
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

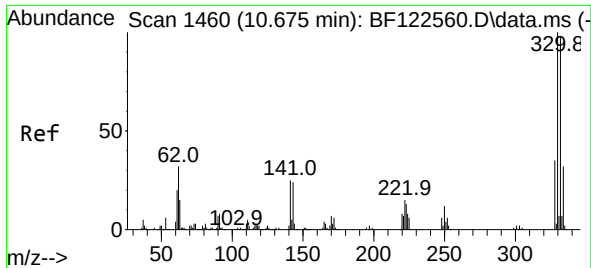


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122853.D
Acq: 24 Dec 2020 13:12



Tgt Ion: 164 Resp: 356455
Ion Ratio Lower Upper
164 100
162 103.9 80.8 121.2
160 46.0 35.4 53.0

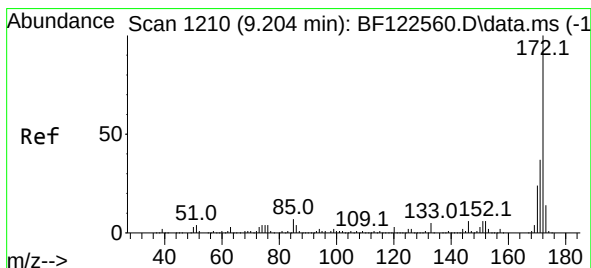
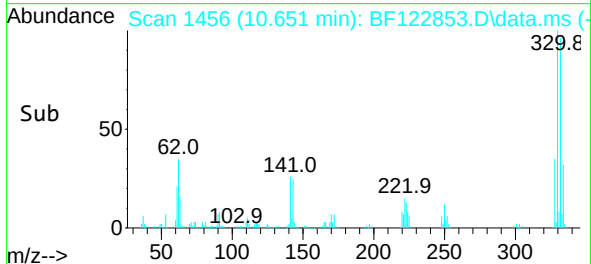
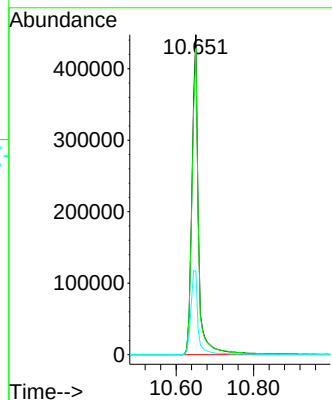
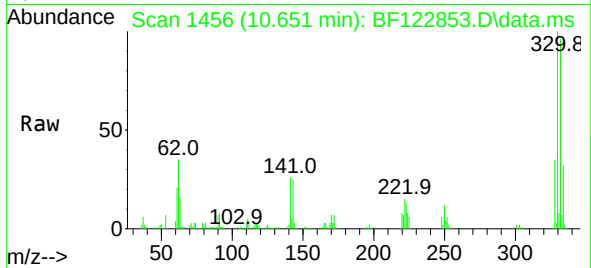




#42
2,4,6-Tribromophenol
Concen: 112.77 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF122853.D
Acq: 24 Dec 2020 13:12

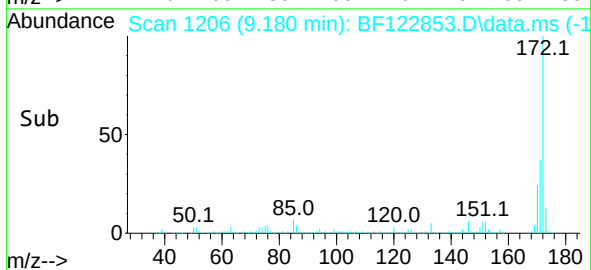
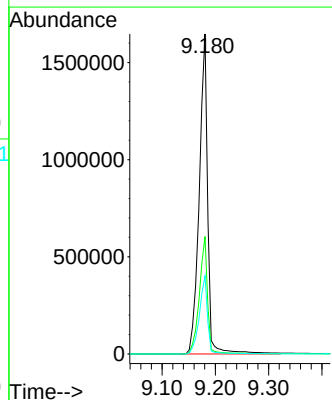
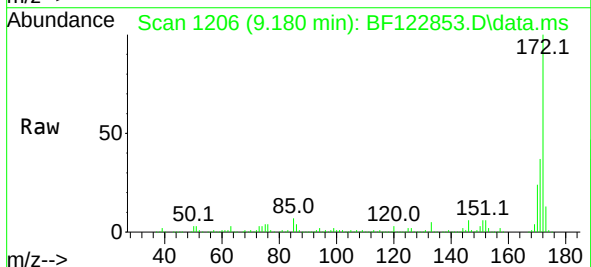
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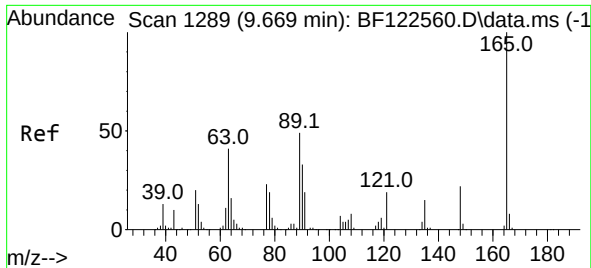
Tgt Ion: 330 Resp: 526178
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 29.5 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 69.51 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122853.D
Acq: 24 Dec 2020 13:12

Tgt Ion: 172 Resp: 1831813
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.4 19.5 29.3

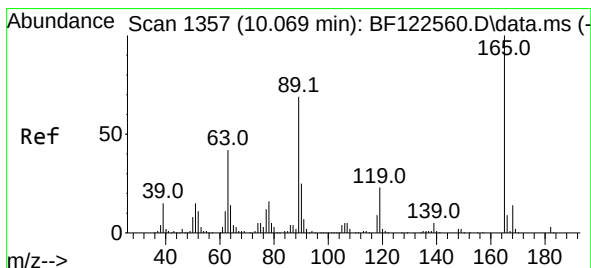
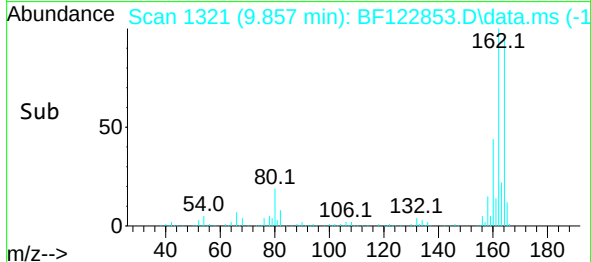
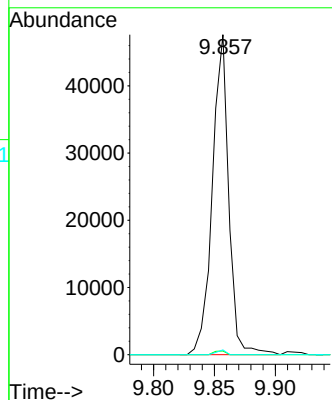
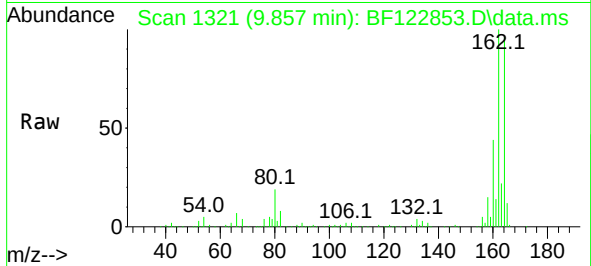




#51
2,6-Dinitrotoluene
Concen: 7.42 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.212 min
Lab File: BF122853.D
Acq: 24 Dec 2020 13:12

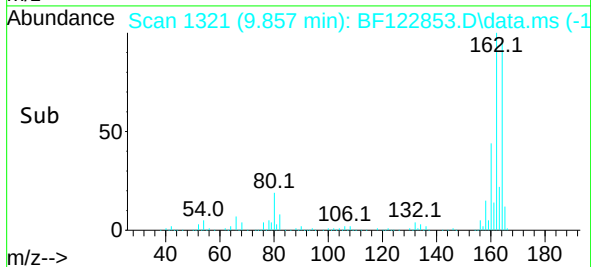
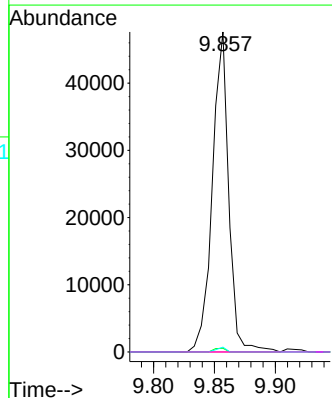
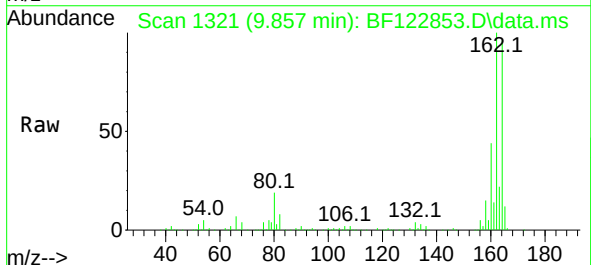
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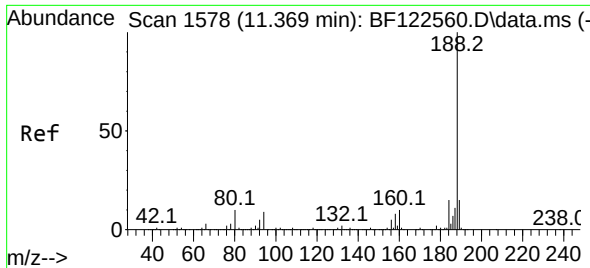
Tgt Ion:165 Resp: 44624
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.5 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.57 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122853.D
Acq: 24 Dec 2020 13:12

Tgt Ion:165 Resp: 44624
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.5 55.2 82.8#
182 0.0 2.2 3.2#

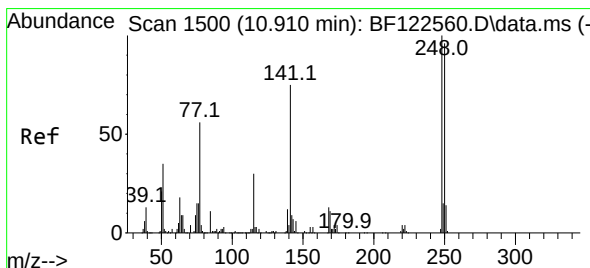
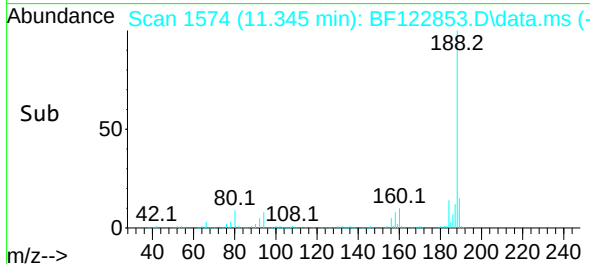
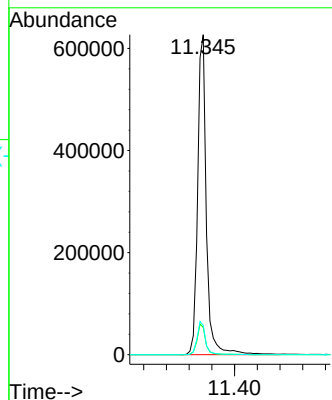
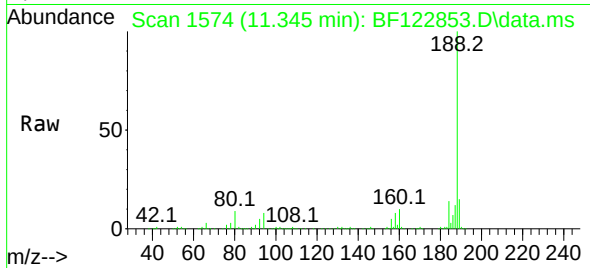




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF122853.D
Acq: 24 Dec 2020 13:12

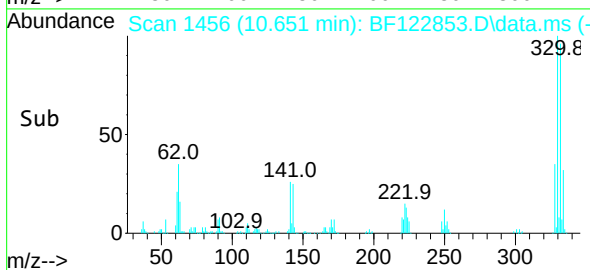
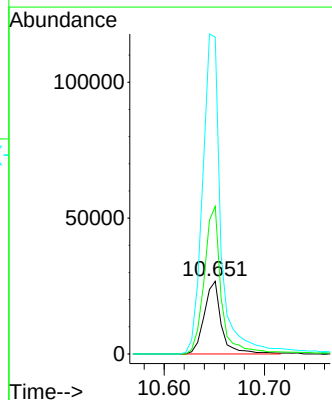
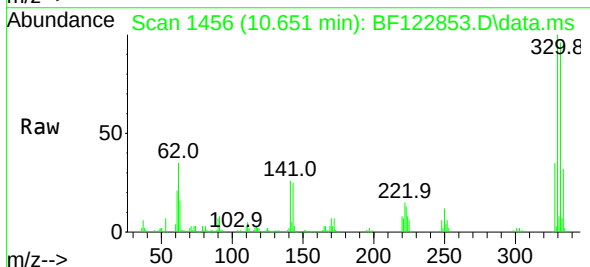
Instrument :
BNA_F
ClientSampleId :
PB133798BL

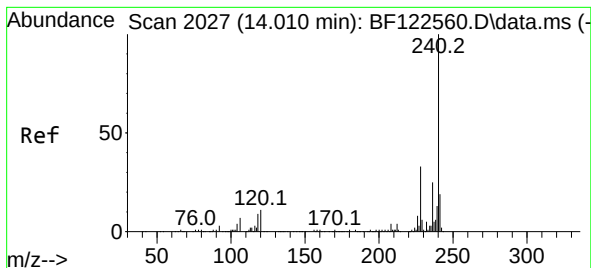
Tgt Ion:188 Resp: 673279
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 9.2 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.52 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.241 min
Lab File: BF122853.D
Acq: 24 Dec 2020 13:12

Tgt Ion:248 Resp: 32074
Ion Ratio Lower Upper
248 100
250 202.9 76.8 115.2#
141 435.7 59.8 89.8#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.000 min

Lab File: BF122853.D

Acq: 24 Dec 2020 13:12

Tgt Ion:240 Resp: 652266

Ion Ratio Lower Upper

240 100

120 9.9 8.6 12.8

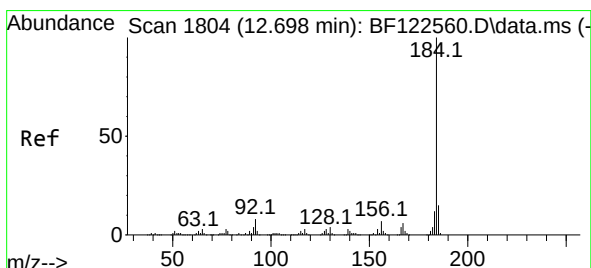
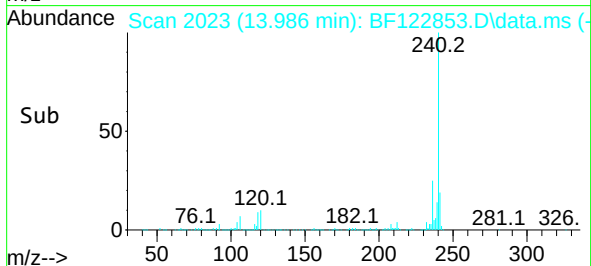
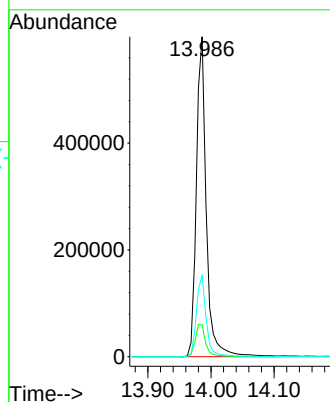
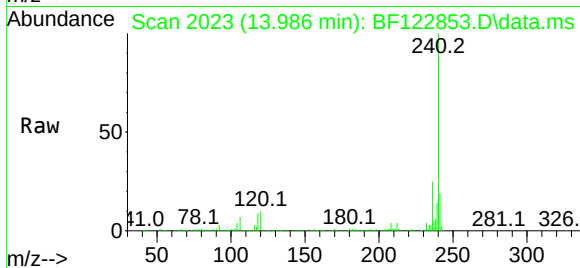
236 25.3 20.3 30.5

Instrument :

BNA_F

ClientSampleId :

PB133798BL



#77

Benzidine

Concen: 2.05 ng

RT: 12.933 min Scan# 1844

Delta R.T. 0.253 min

Lab File: BF122853.D

Acq: 24 Dec 2020 13:12

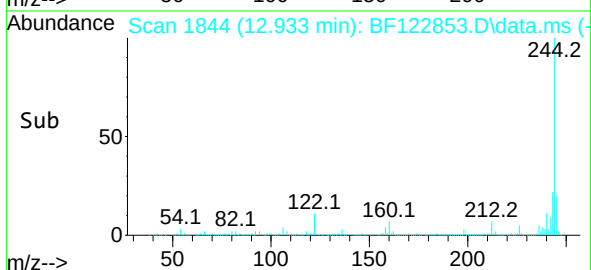
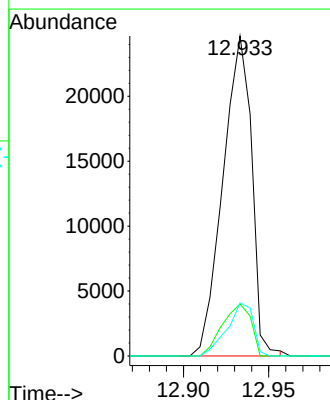
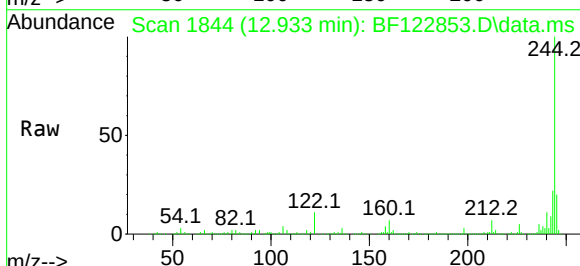
Tgt Ion:184 Resp: 28856

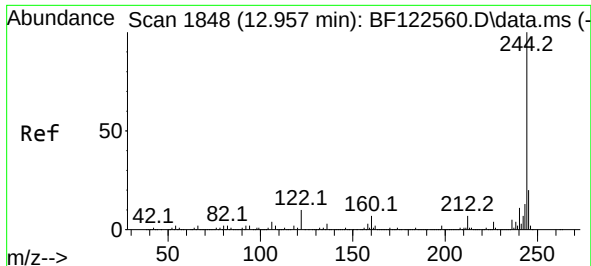
Ion Ratio Lower Upper

184 100

185 16.3 11.8 17.6

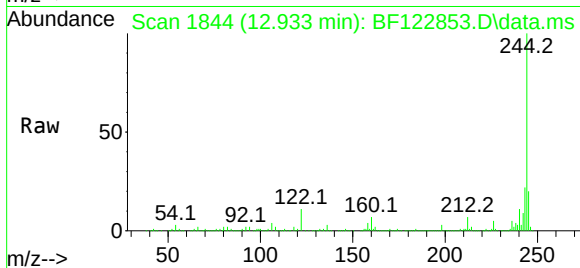
183 16.6 9.7 14.5#



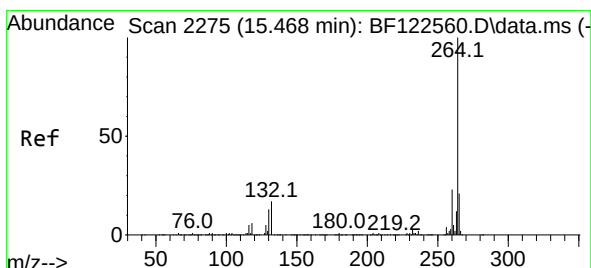
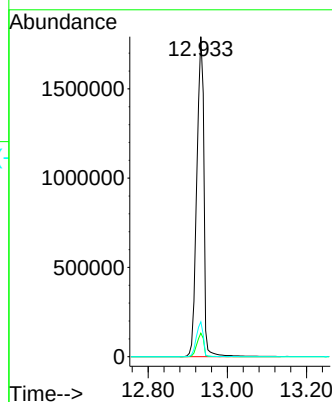
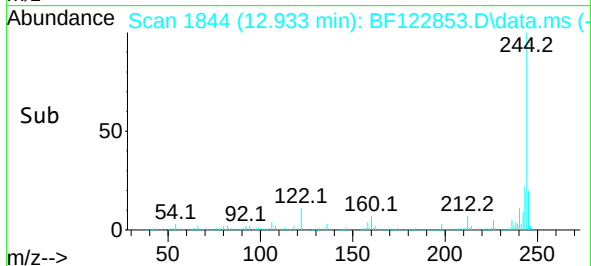


#79
Terphenyl-d14
Concen: 59.89 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF122853.D
Acq: 24 Dec 2020 13:12

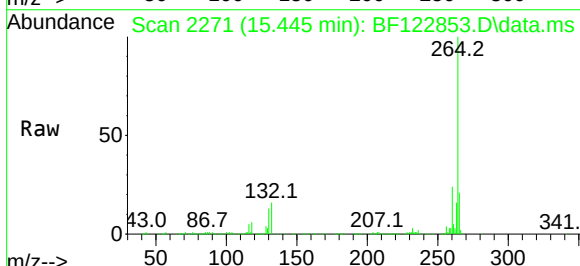
Instrument :
BNA_F
ClientSampleId :
PB133798BL



Tgt Ion:244 Resp: 2231715
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 10.9 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF122853.D
Acq: 24 Dec 2020 13:12



Tgt Ion:264 Resp: 629514
Ion Ratio Lower Upper
264 100
260 23.9 18.6 28.0
265 21.4 17.0 25.6

