

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
 Data File : BF126550.D
 Acq On : 7 Jan 2022 19:00
 Operator : JU/CG
 Sample : N1071-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FM-0226-01-4.5

Quant Time: Jan 08 04:39:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

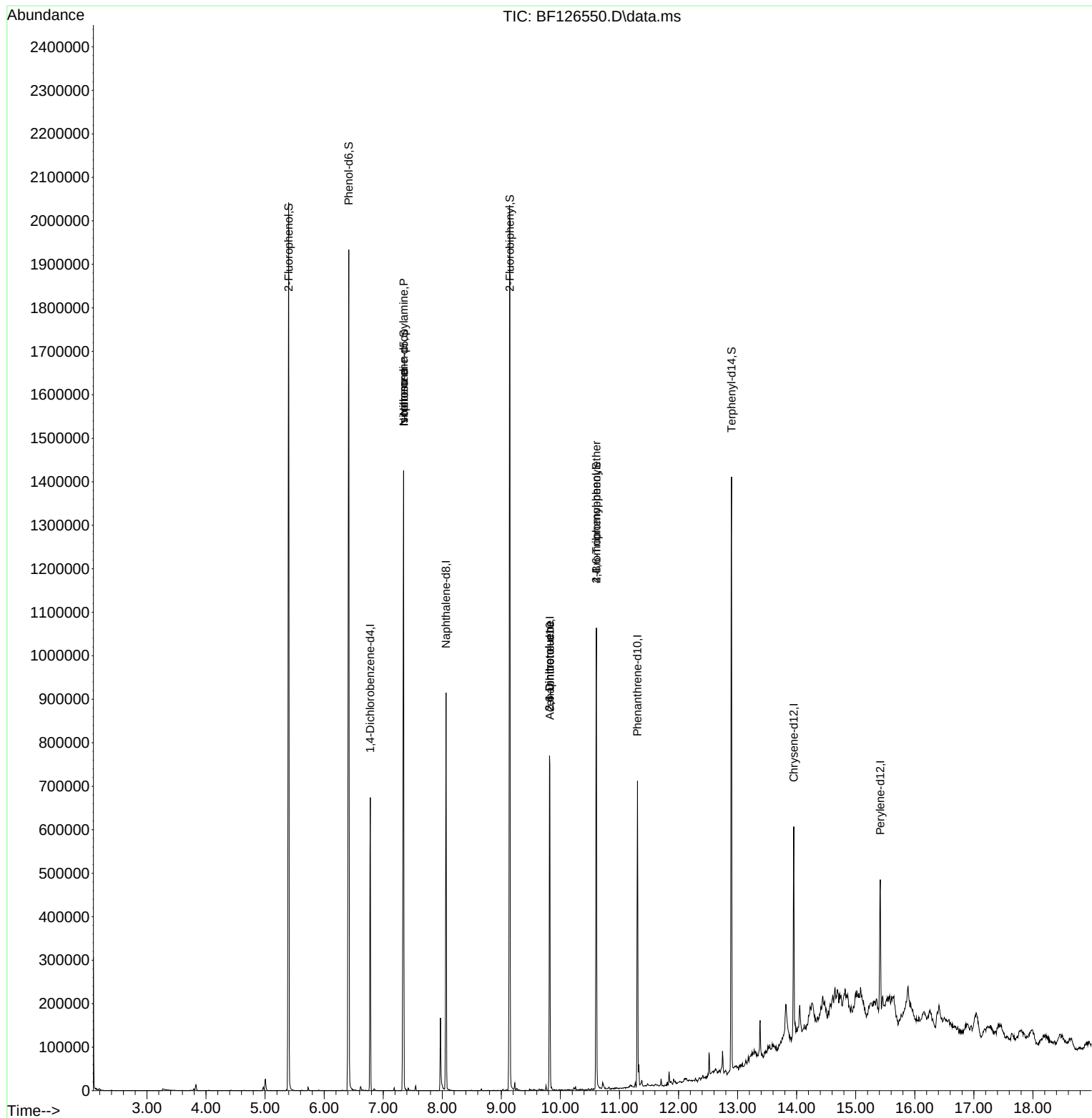
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	95360	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	389542	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	171872	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	231389	20.000	ng	0.00
76) Chrysene-d12	13.951	240	153454	20.000	ng	# 0.00
86) Perylene-d12	15.416	264	137029	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	609147	91.734	ng	0.00
7) Phenol-d6	6.416	99	779346	90.614	ng	0.00
23) Nitrobenzene-d5	7.345	82	493941	65.107	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	131642	99.118	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	706685	72.355	ng	0.00
79) Terphenyl-d14	12.898	244	464075	58.758	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	61356	12.502	ng	# 83
25) Isophorone	7.345	82	491542	36.193	ng	# 69
51) 2,6-Dinitrotoluene	9.816	165	21352	9.215	ng	# 20
57) 2,4-Dinitrotoluene	9.816	165	21352	7.142	ng	# 14
67) 4-Bromophenyl-phenylether	10.610	248	6820	3.321	ng	# 1
77) Benzidine	12.898	184	5732	Below Cal		# 91

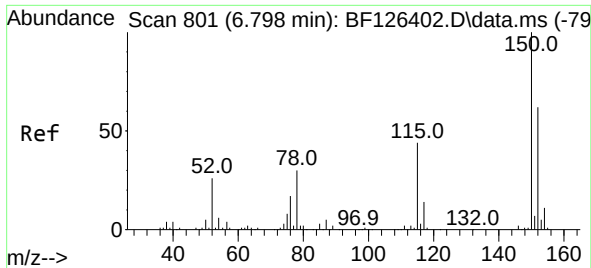
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
FM-0226-01-4.5

Quant Time: Jan 08 04:39:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

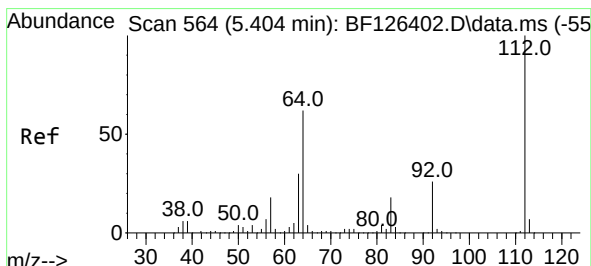
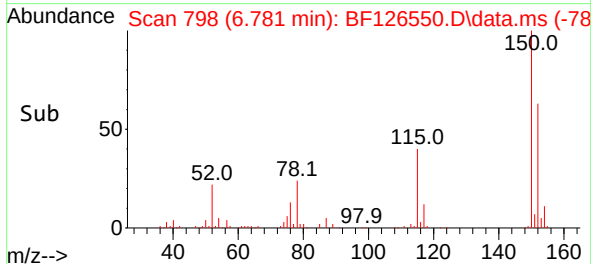
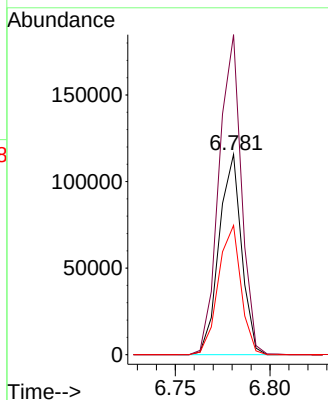
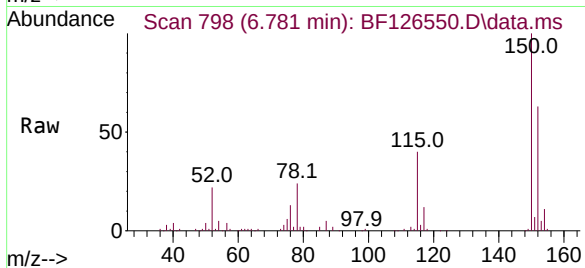




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF126550.D
Acq: 7 Jan 2022 19:00

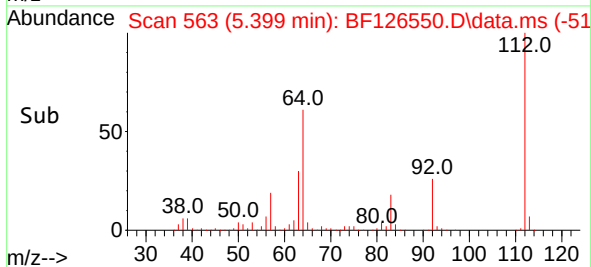
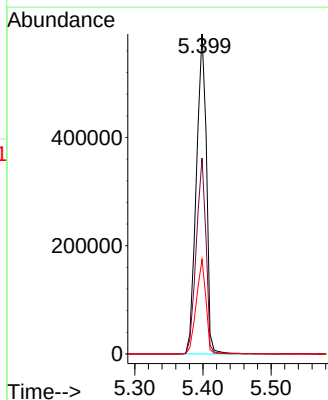
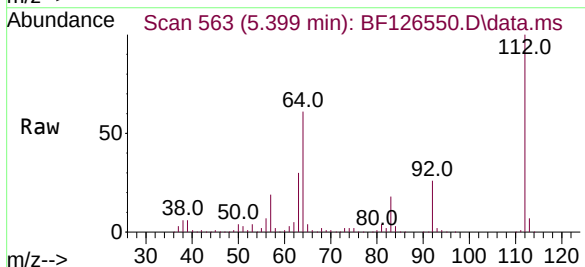
Instrument :
BNA_F
ClientSampleId :
FM-0226-01-4.5

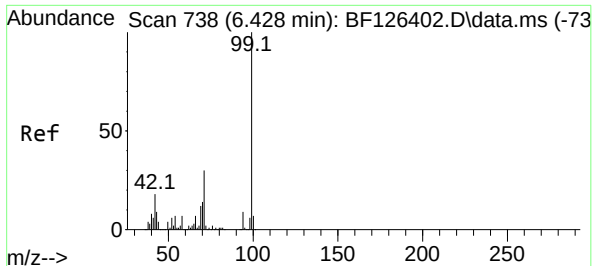
Tgt Ion:152 Resp: 95360
Ion Ratio Lower Upper
152 100
150 159.8 128.1 192.1
115 64.6 56.7 85.1



#5
2-Fluorophenol
Concen: 91.734 ng
RT: 5.399 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF126550.D
Acq: 7 Jan 2022 19:00

Tgt Ion:112 Resp: 609147
Ion Ratio Lower Upper
112 100
64 61.2 49.5 74.3
63 29.6 23.9 35.9

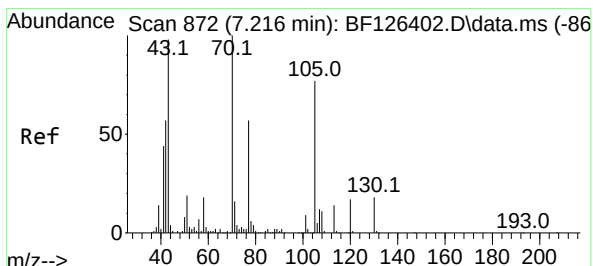
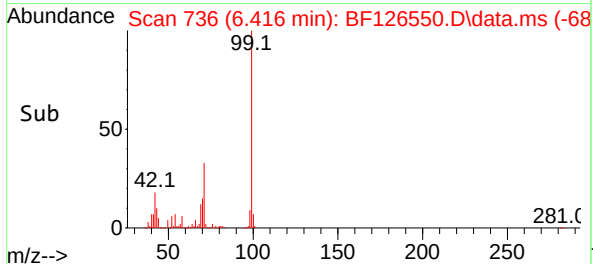
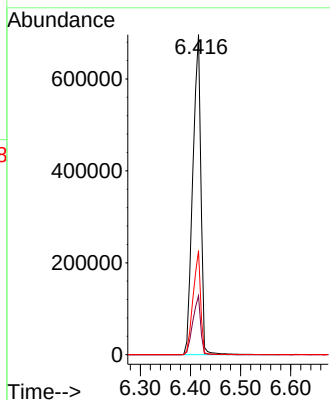
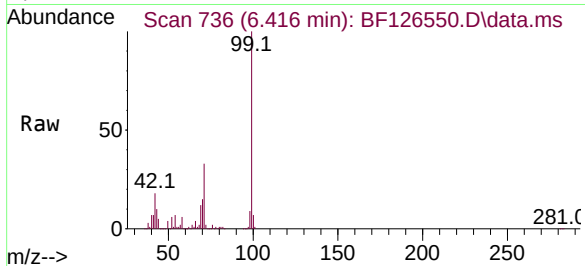




#7
Phenol-d6
Concen: 90.614 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126550.D
Acq: 7 Jan 2022 19:00

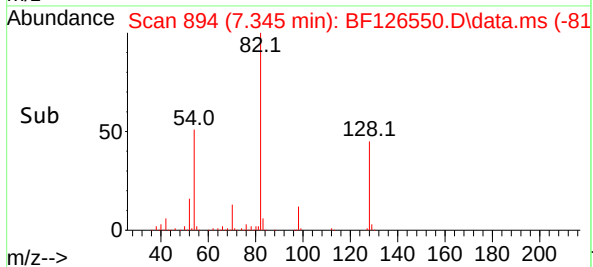
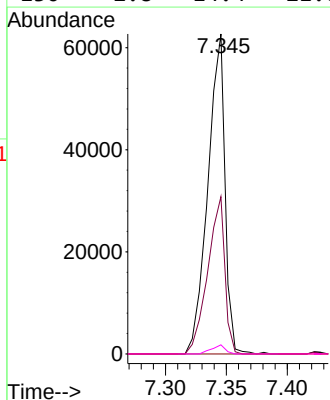
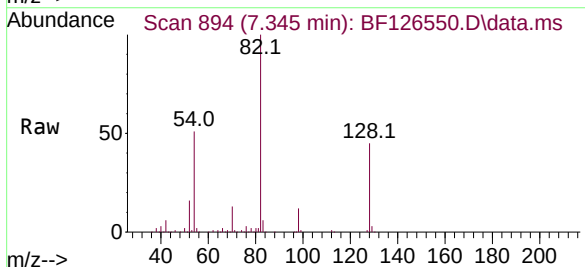
Instrument :
BNA_F
ClientSampleId :
FM-0226-01-4.5

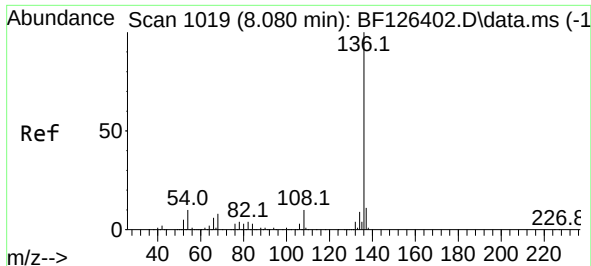
Tgt Ion: 99 Resp: 779346
Ion Ratio Lower Upper
99 100
42 18.4 14.2 21.4
71 32.5 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.502 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF126550.D
Acq: 7 Jan 2022 19:00

Tgt Ion: 70 Resp: 61356
Ion Ratio Lower Upper
70 100
42 49.1 45.8 68.8
101 0.0 6.9 10.3#
130 2.8 14.4 21.6#

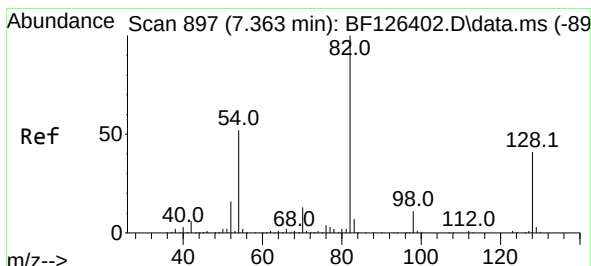
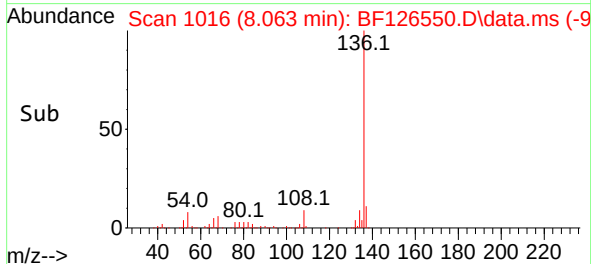
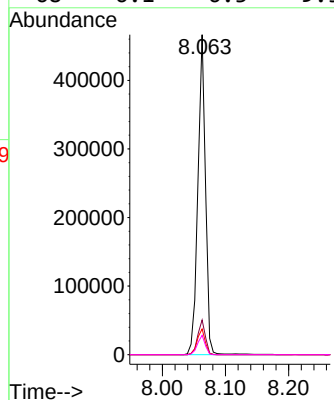
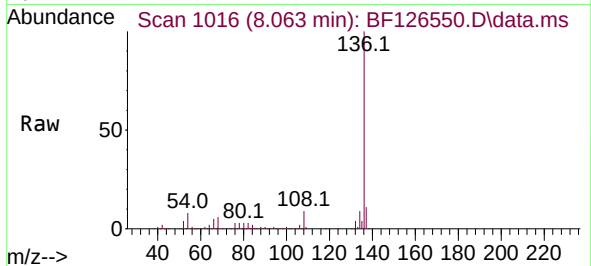




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF126550.D
Acq: 7 Jan 2022 19:00

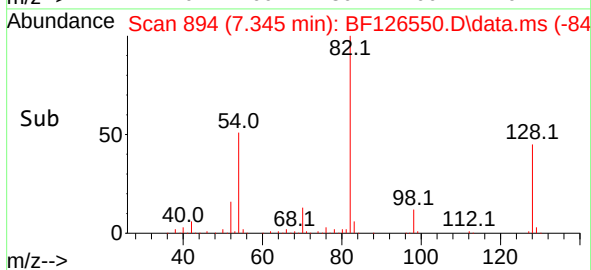
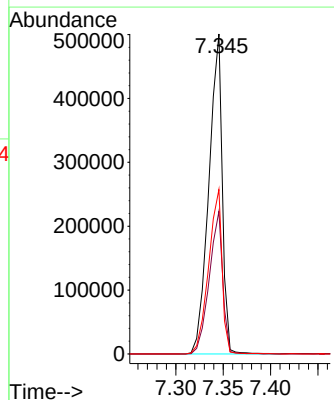
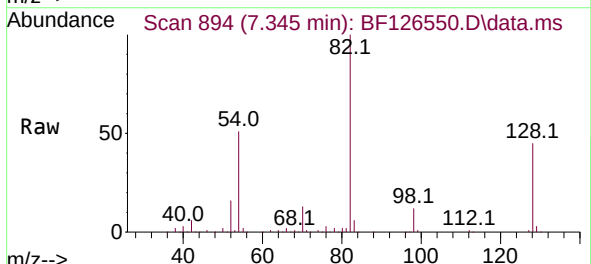
Instrument :
BNA_F
ClientSampleId :
FM-0226-01-4.5

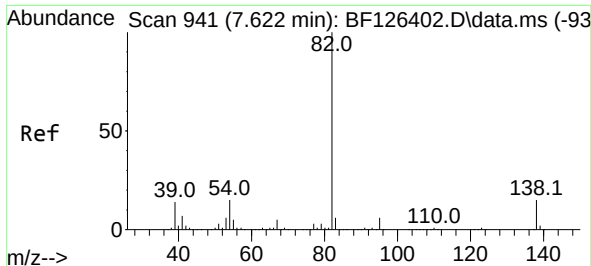
Tgt Ion:136 Resp: 389542
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.1 7.8 11.6
68 6.1 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 65.107 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF126550.D
Acq: 7 Jan 2022 19:00

Tgt Ion: 82 Resp: 493941
Ion Ratio Lower Upper
82 100
128 44.5 32.7 49.1
54 51.4 41.7 62.5

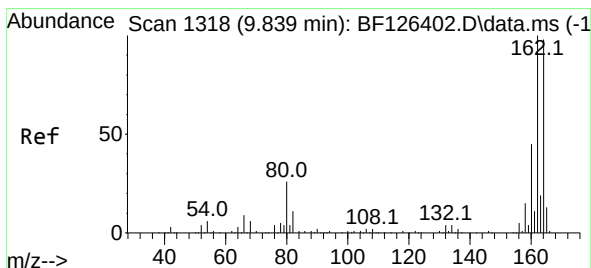
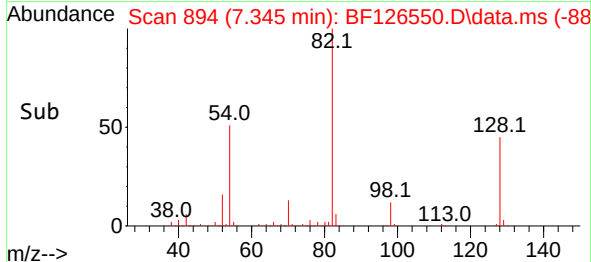
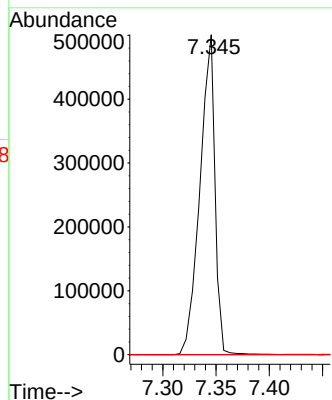
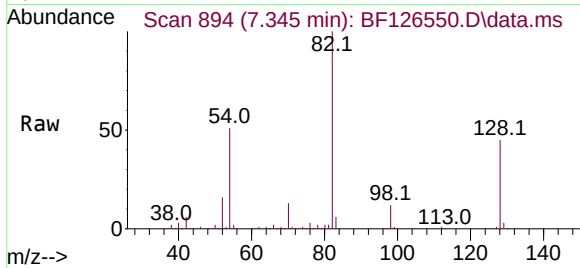




#25
Isophorone
Concen: 36.193 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.264 min
Lab File: BF126550.D
Acq: 7 Jan 2022 19:00

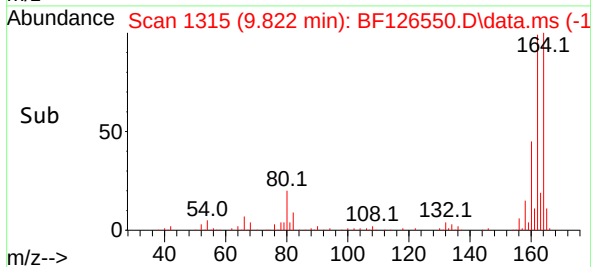
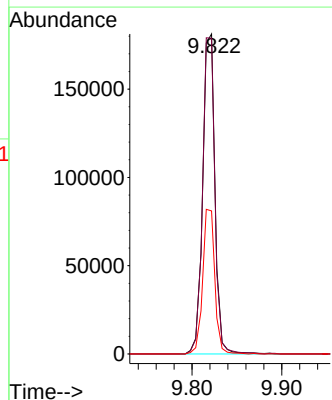
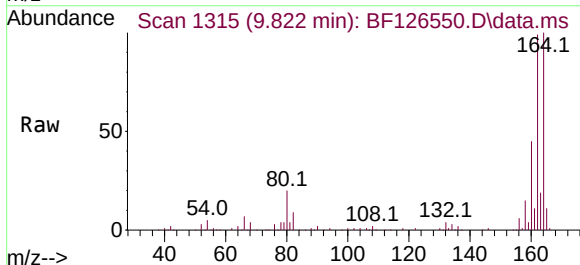
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ClientSampleId :
FM-0226-01-4.5

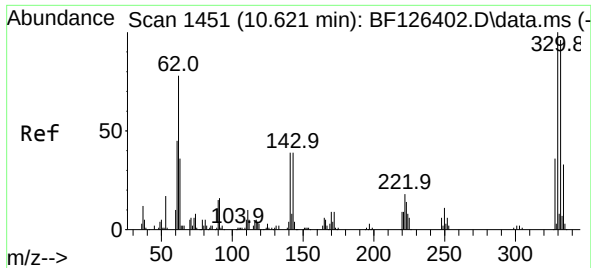
Tgt Ion: 82 Resp: 491542
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF126550.D
Acq: 7 Jan 2022 19:00

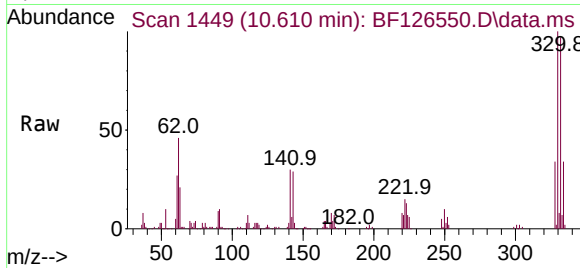
Tgt Ion: 164 Resp: 171872
Ion Ratio Lower Upper
164 100
162 98.7 81.4 122.0
160 44.7 36.6 54.8



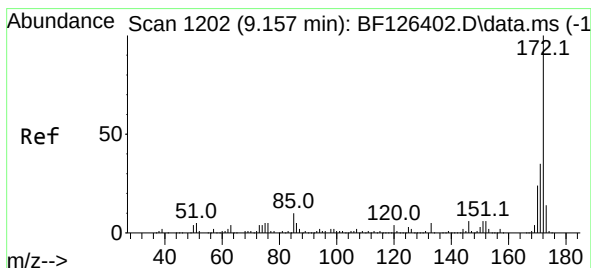
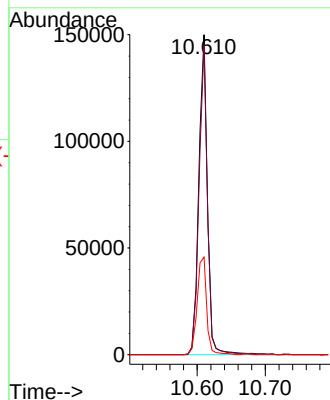
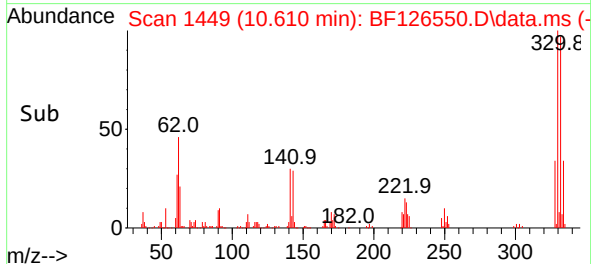


#42
2,4,6-Tribromophenol
Concen: 99.118 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF126550.D
Acq: 7 Jan 2022 19:00

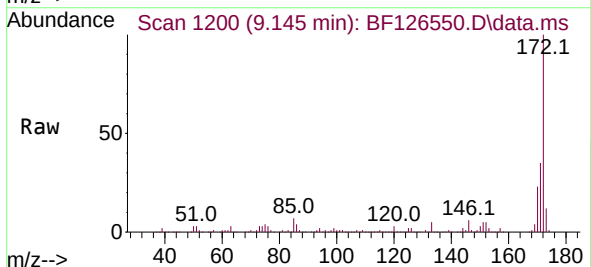
Instrument :
BNA_F
ClientSampleId :
FM-0226-01-4.5



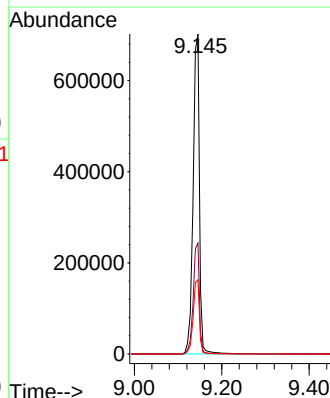
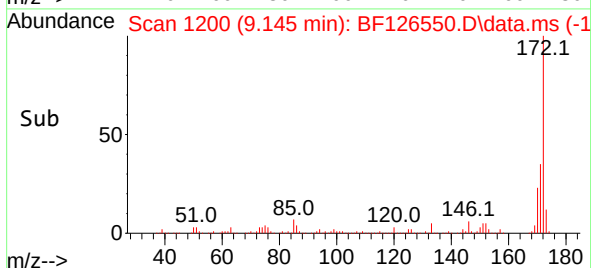
Tgt Ion:330 Resp: 131642
Ion Ratio Lower Upper
330 100
332 94.4 76.0 114.0
141 33.6 30.1 45.1

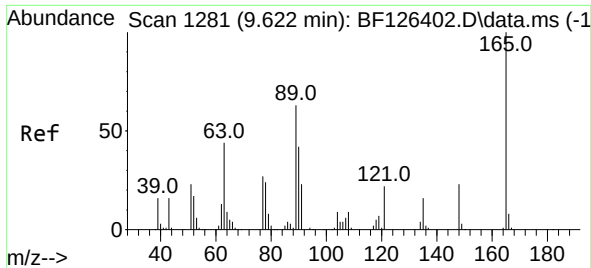


#45
2-Fluorobiphenyl
Concen: 72.355 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF126550.D
Acq: 7 Jan 2022 19:00



Tgt Ion:172 Resp: 706685
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 23.2 19.0 28.6

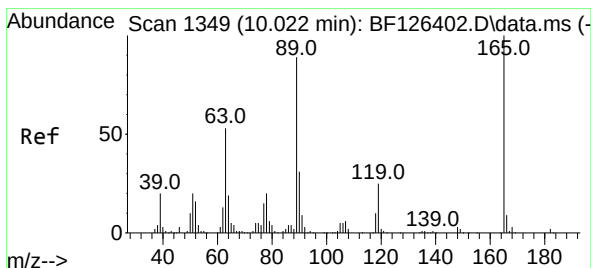
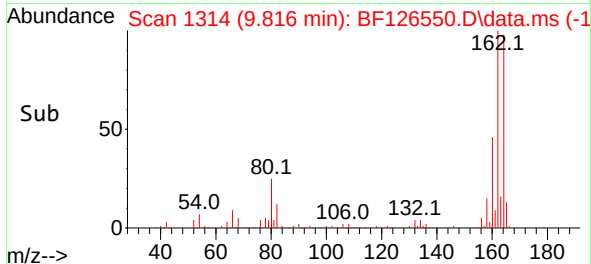
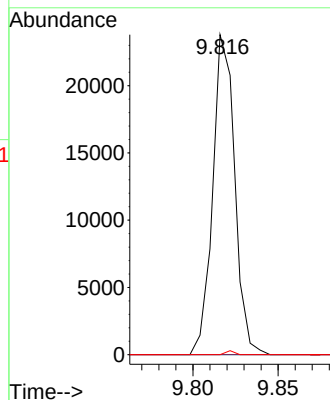
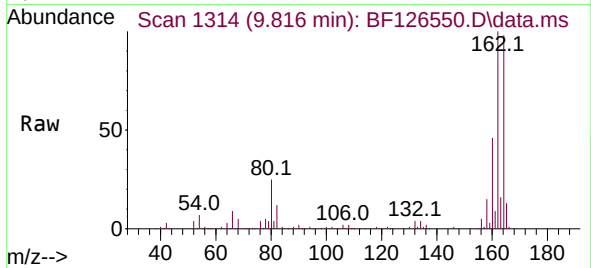




#51
2,6-Dinitrotoluene
Concen: 9.215 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF126550.D
Acq: 7 Jan 2022 19:00

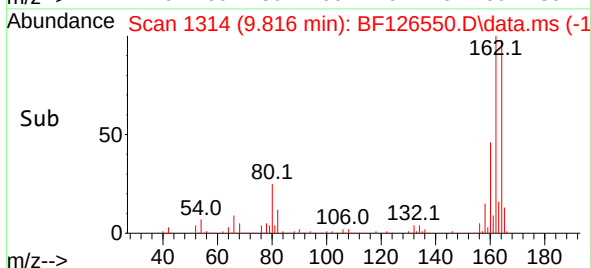
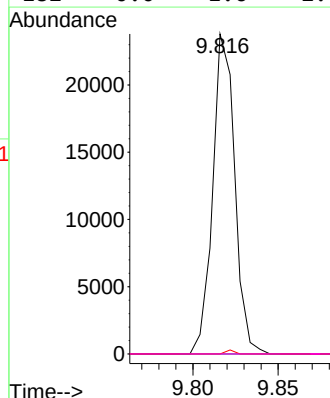
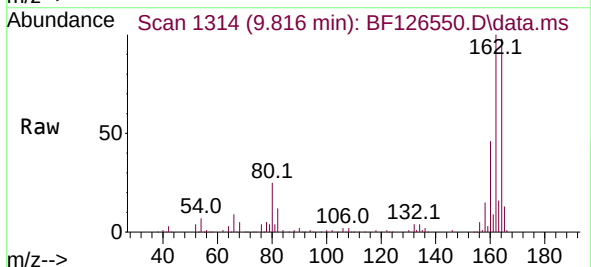
Instrument :
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FM-0226-01-4.5

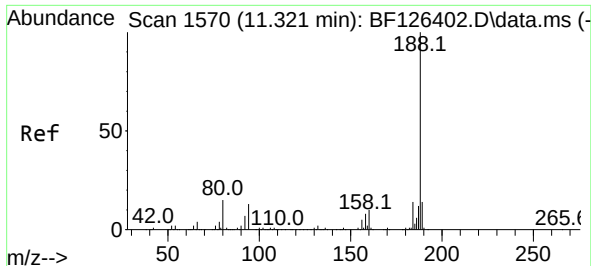
Tgt Ion:165 Resp: 21352
Ion Ratio Lower Upper
165 100
63 0.0 48.4 72.6#
89 0.0 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.142 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.200 min
Lab File: BF126550.D
Acq: 7 Jan 2022 19:00

Tgt Ion:165 Resp: 21352
Ion Ratio Lower Upper
165 100
63 0.0 43.0 64.6#
89 0.0 71.0 106.4#
182 0.0 1.6 2.4#

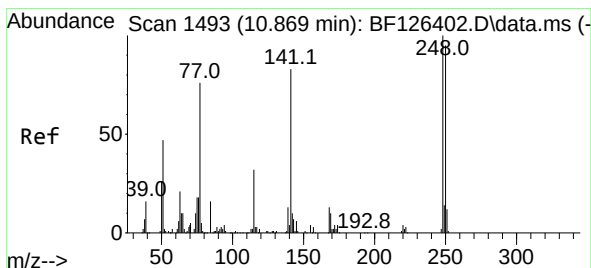
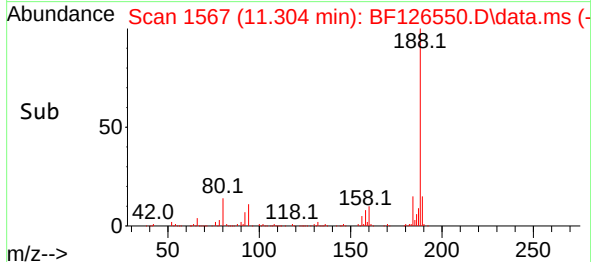
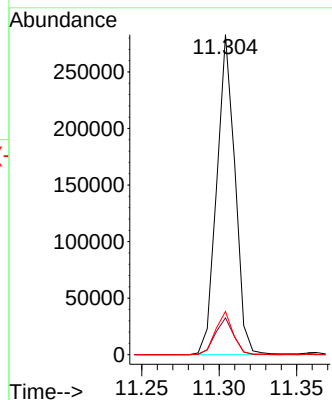
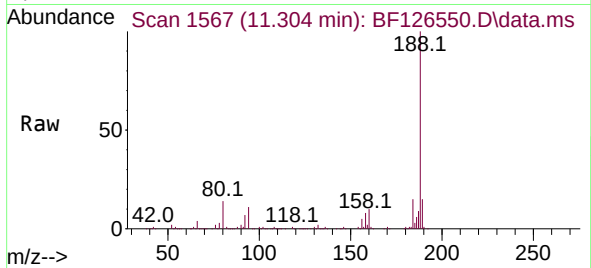




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126550.D
Acq: 7 Jan 2022 19:00

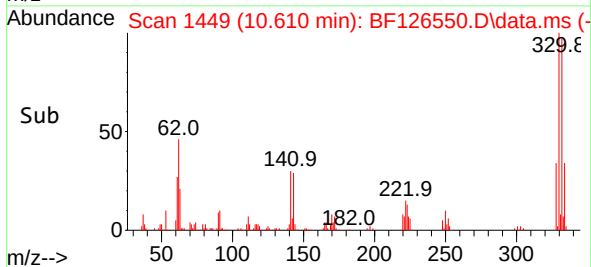
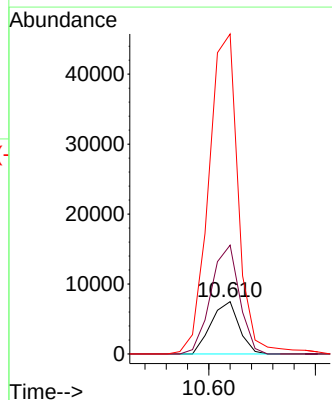
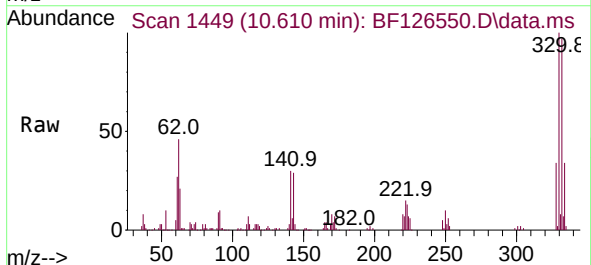
Instrument :
BNA_F
ClientSampleId :
FM-0226-01-4.5

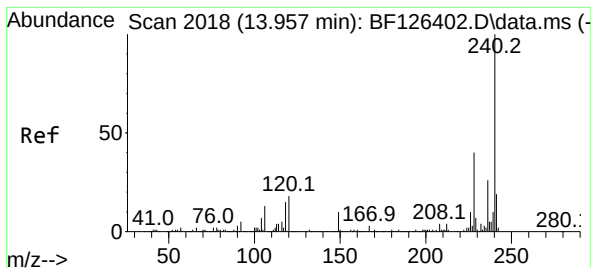
Tgt Ion:188 Resp: 231389
Ion Ratio Lower Upper
188 100
94 11.5 10.1 15.1
80 13.5 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 3.321 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.247 min
Lab File: BF126550.D
Acq: 7 Jan 2022 19:00

Tgt Ion:248 Resp: 6820
Ion Ratio Lower Upper
248 100
250 208.1 76.2 114.4#
141 612.4 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF126550.D

Acq: 7 Jan 2022 19:00

Instrument :

BNA_F

ClientSampleId :

FM-0226-01-4.5

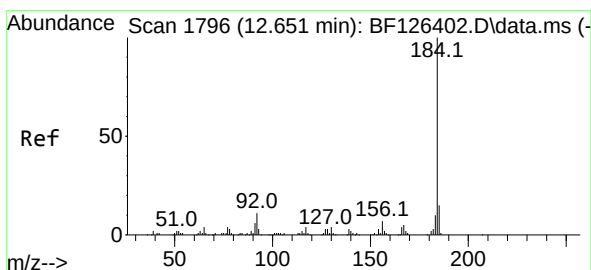
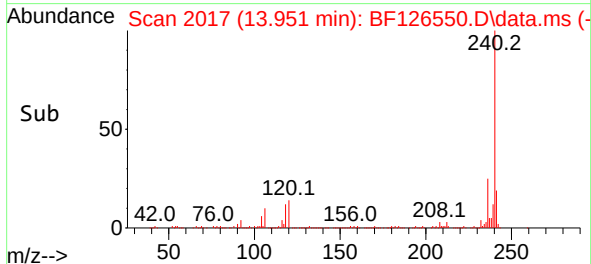
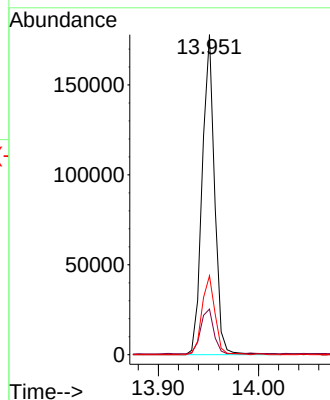
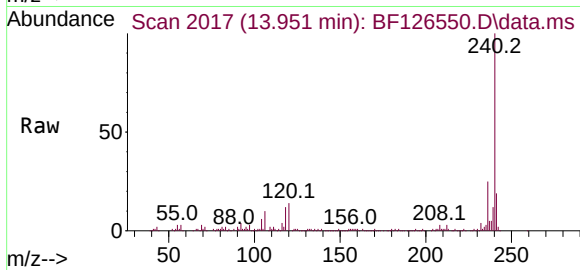
Tgt Ion:240 Resp: 153454

Ion Ratio Lower Upper

240 100

120 14.3 14.4 21.6#

236 24.6 20.5 30.7



#77

Benzidine

Concen: Below Cal

RT: 12.898 min Scan# 1838

Delta R.T. 0.259 min

Lab File: BF126550.D

Acq: 7 Jan 2022 19:00

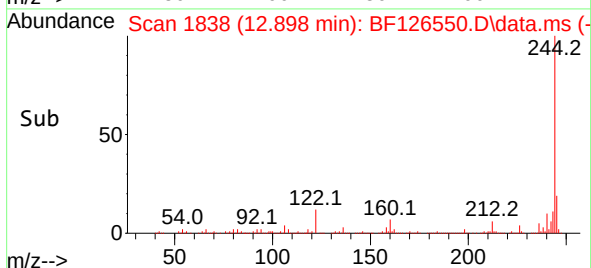
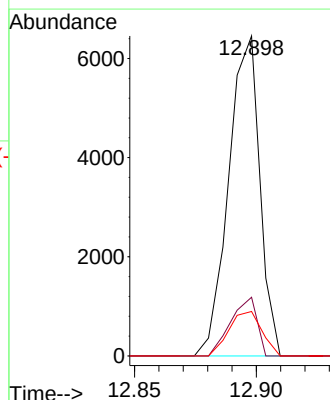
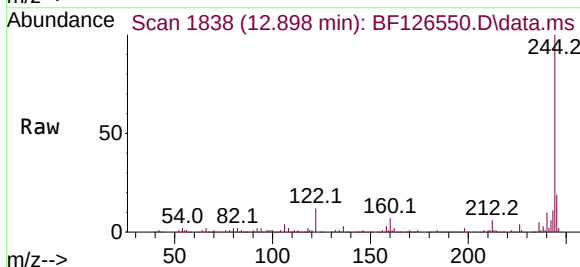
Tgt Ion:184 Resp: 5732

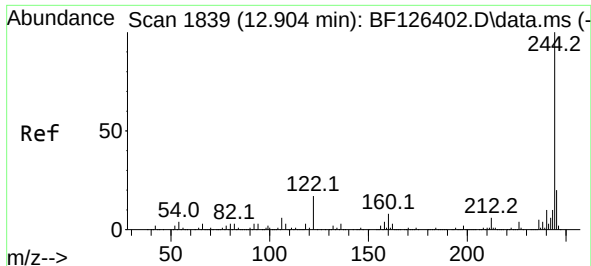
Ion Ratio Lower Upper

184 100

185 18.3 11.8 17.8#

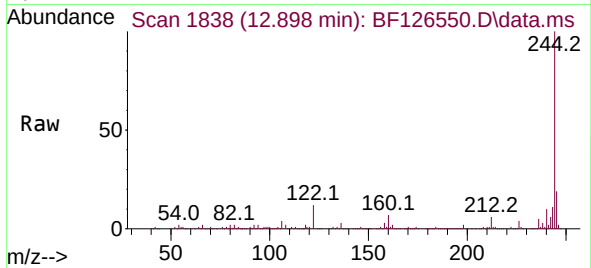
183 13.9 8.2 12.2#



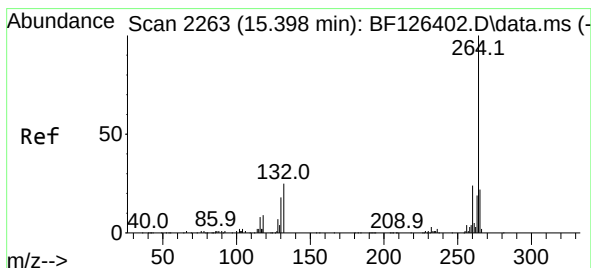
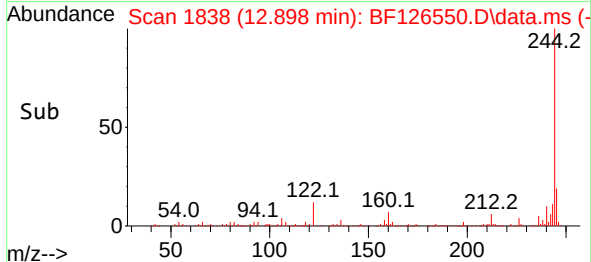
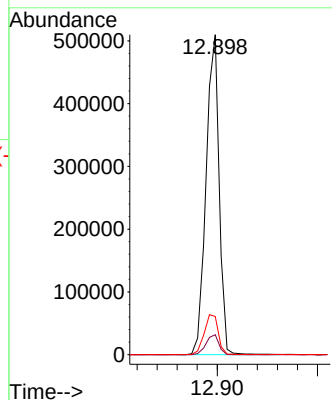


#79
 Terphenyl-d14
 Concen: 58.758 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: BF126550.D
 Acq: 7 Jan 2022 19:00

Instrument :
 BNA_F
 ClientSampleId :
 FM-0226-01-4.5



Tgt Ion:244 Resp: 464075
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 12.0 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.416 min Scan# 2266
 Delta R.T. 0.030 min
 Lab File: BF126550.D
 Acq: 7 Jan 2022 19:00

Tgt Ion:264 Resp: 137029
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.2 28.8
 265 21.1 17.4 26.2

