

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
 Data File : BF126528.D
 Acq On : 6 Jan 2022 19:51
 Operator : JU/CG
 Sample : M5196-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-SAMPLE-5-SHALLOW

Quant Time: Jan 07 08:34:10 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)

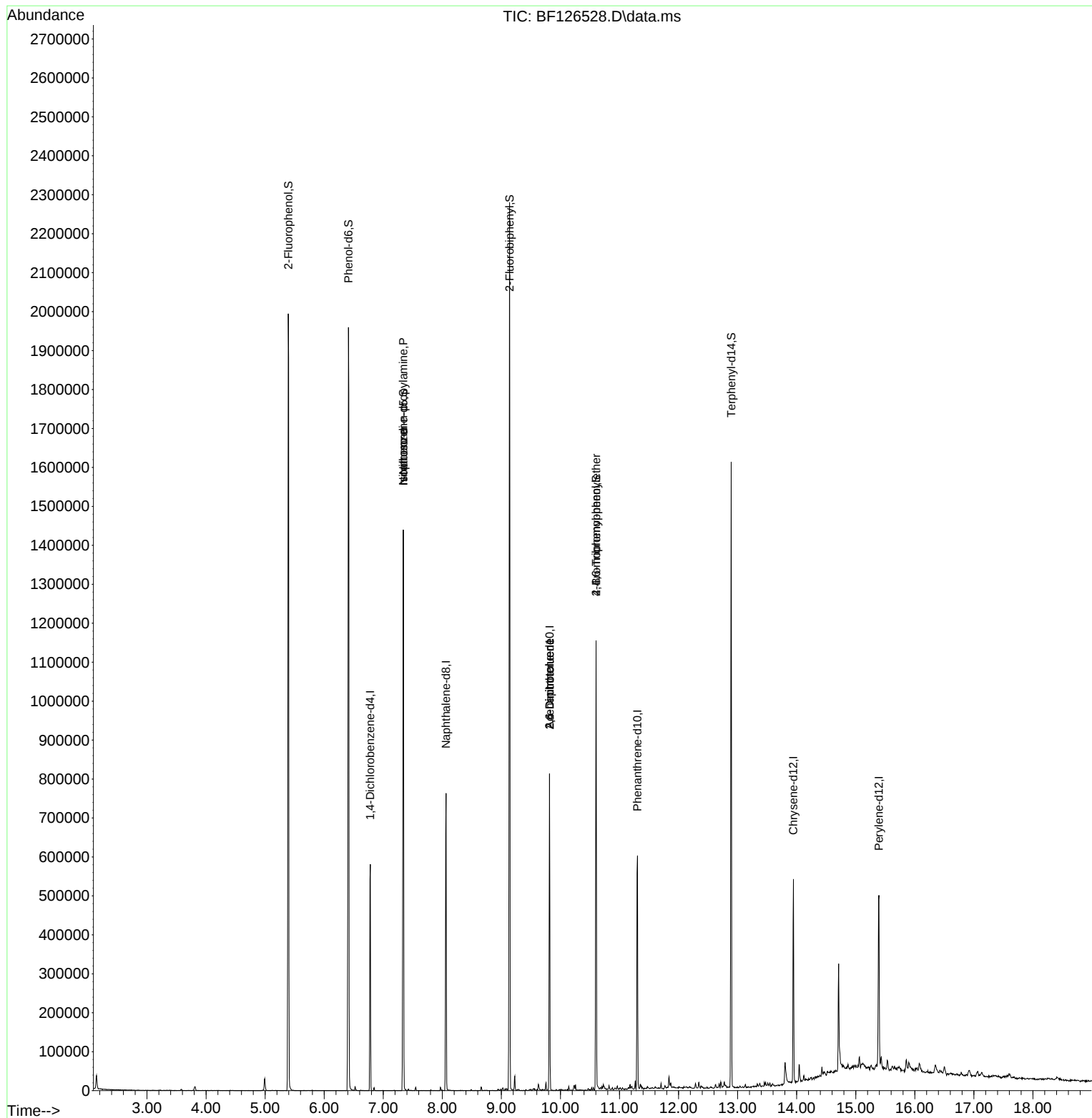
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	84716	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	354314	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	155226	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	218408	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	162658	20.000	ng	0.00
86) Perylene-d12	15.392	264	185668	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	618903	104.913	ng	0.00
7) Phenol-d6	6.410	99	769524	100.714	ng	-0.01
23) Nitrobenzene-d5	7.339	82	489723	70.969	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	125894	104.955	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	700137	79.371	ng	-0.01
79) Terphenyl-d14	12.892	244	502227	59.991	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.339	70	61779	14.169	ng	# 79
25) Isophorone	7.339	82	489368	39.616	ng	# 69
51) 2,6-Dinitrotoluene	9.816	165	19659	9.394	ng	# 20
57) 2,4-Dinitrotoluene	9.816	165	19659	7.281	ng	# 14
67) 4-Bromophenyl-phenylether	10.604	248	6542	3.375	ng	# 1
77) Benzidine	12.892	184	6561	Below Cal		96

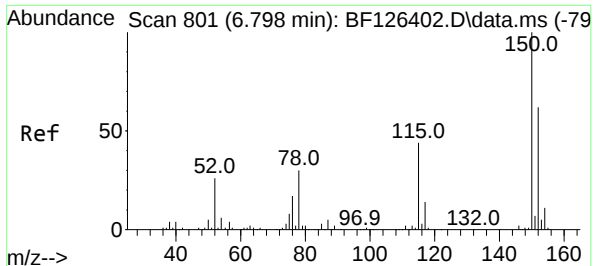
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 07 08:34:10 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

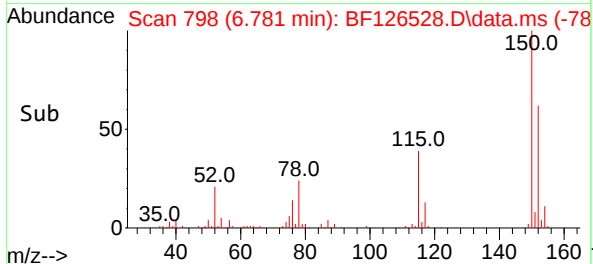
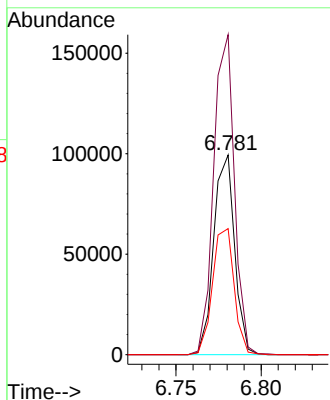
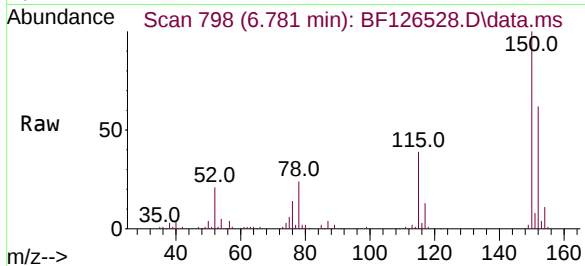




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF126528.D
Acq: 6 Jan 2022 19:51

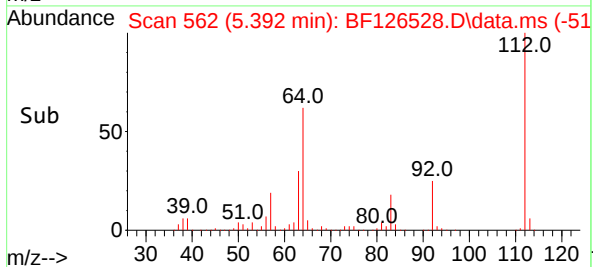
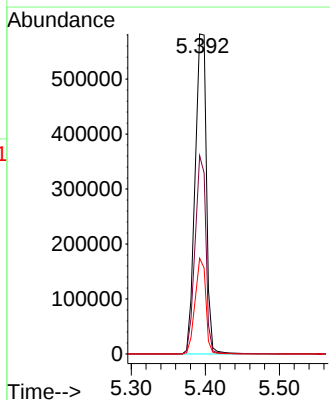
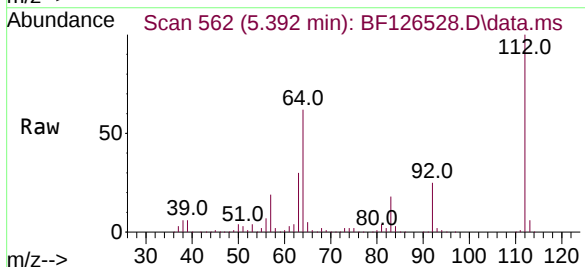
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-5-SHALLOW

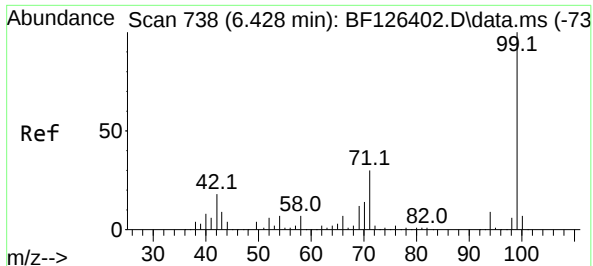
Tgt Ion:152 Resp: 84716
Ion Ratio Lower Upper
152 100
150 160.2 128.1 192.1
115 63.1 56.7 85.1



#5
2-Fluorophenol
Concen: 104.913 ng
RT: 5.392 min Scan# 562
Delta R.T. -0.000 min
Lab File: BF126528.D
Acq: 6 Jan 2022 19:51

Tgt Ion:112 Resp: 618903
Ion Ratio Lower Upper
112 100
64 62.0 49.5 74.3
63 29.9 23.9 35.9

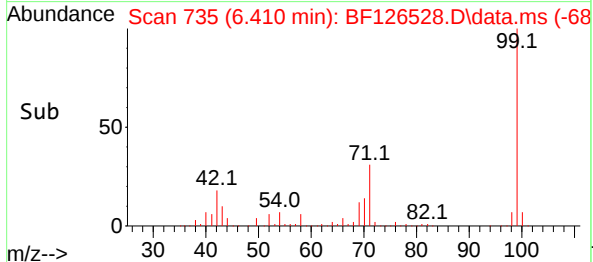
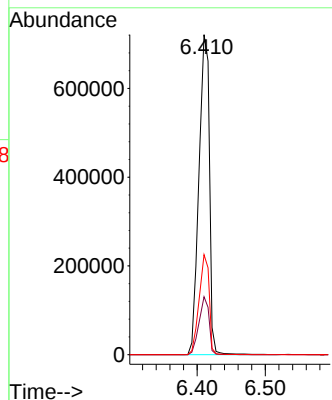
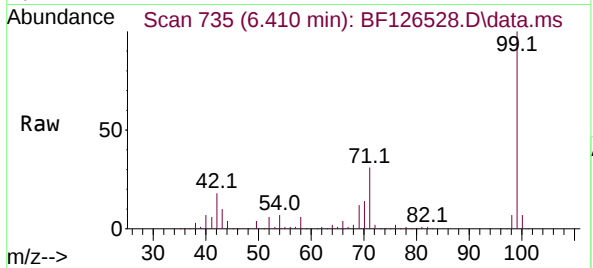




#7
Phenol-d6
Concen: 100.714 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126528.D
Acq: 6 Jan 2022 19:51

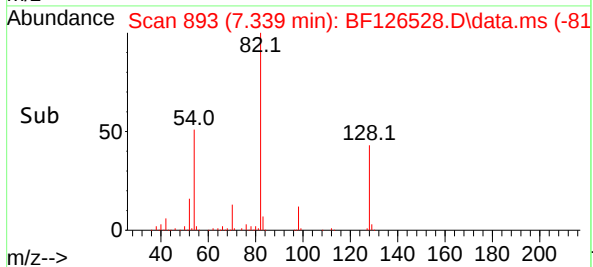
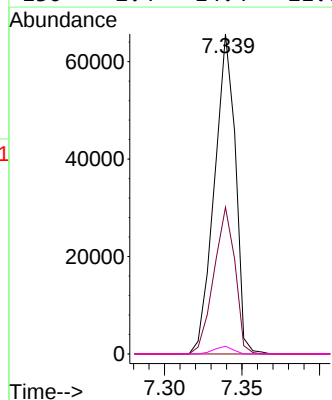
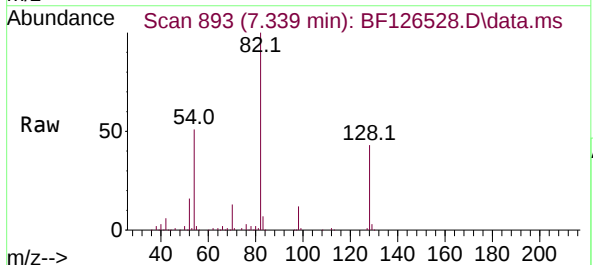
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-5-SHALLOW

Tgt Ion: 99 Resp: 769524
Ion Ratio Lower Upper
99 100
42 18.1 14.2 21.4
71 31.2 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 14.169 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.135 min
Lab File: BF126528.D
Acq: 6 Jan 2022 19:51

Tgt Ion: 70 Resp: 61779
Ion Ratio Lower Upper
70 100
42 45.8 45.8 68.8
101 0.0 6.9 10.3#
130 2.4 14.4 21.6#

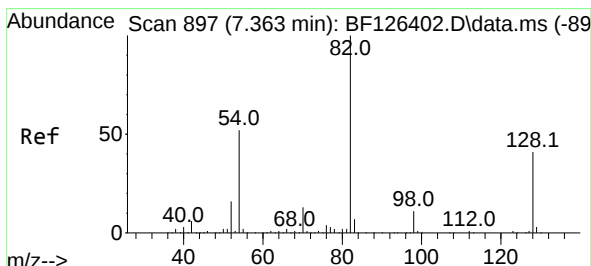
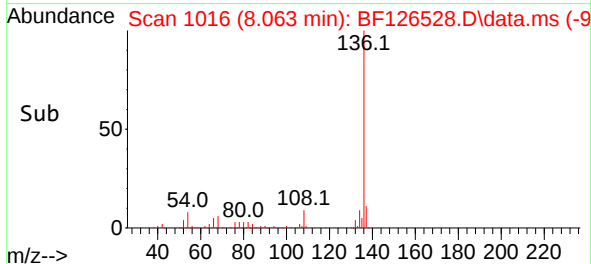
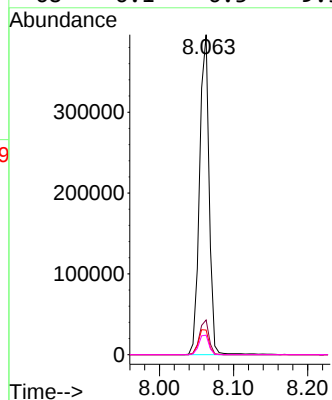
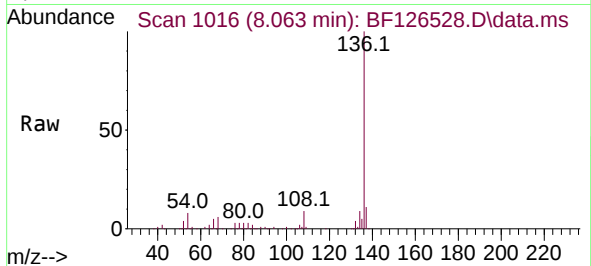




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126528.D
Acq: 6 Jan 2022 19:51

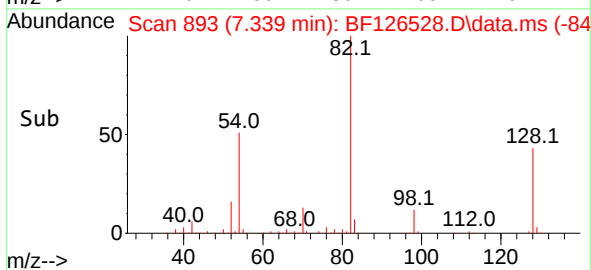
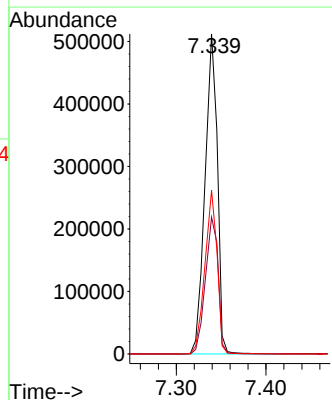
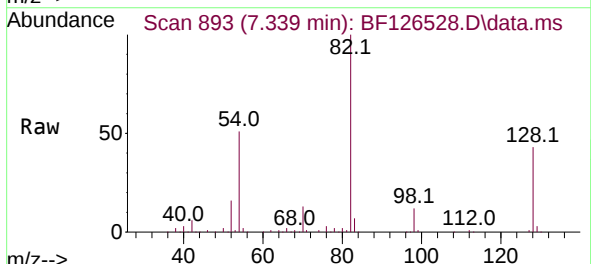
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-5-SHALLOW

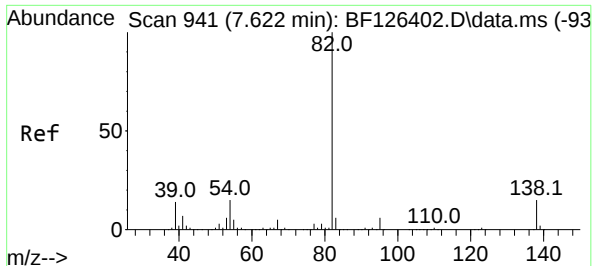
Tgt Ion:136	Resp: 354314
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 13.0
54 7.7	7.8 11.6#
68 6.1	6.3 9.5#



#23
Nitrobenzene-d5
Concen: 70.969 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF126528.D
Acq: 6 Jan 2022 19:51

Tgt Ion: 82	Resp: 489723
Ion Ratio	Lower Upper
82 100	
128 42.8	32.7 49.1
54 51.1	41.7 62.5

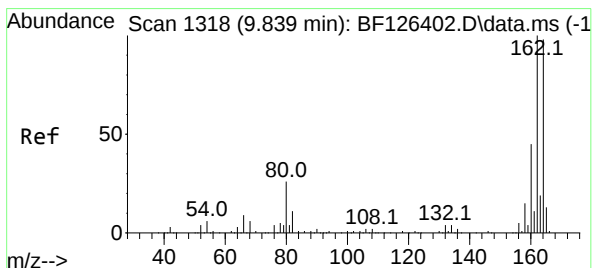
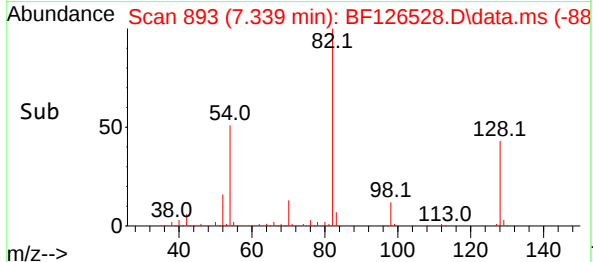
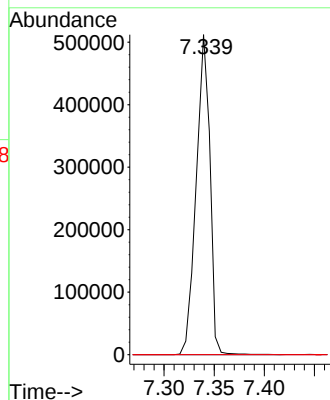
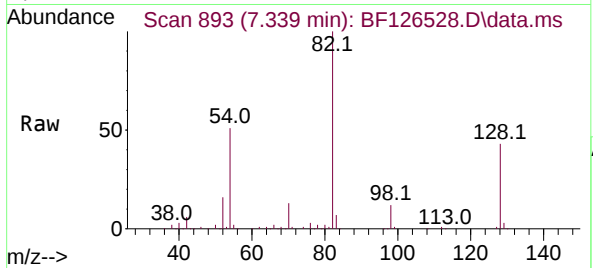




#25
Isophorone
Concen: 39.616 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.271 min
Lab File: BF126528.D
Acq: 6 Jan 2022 19:51

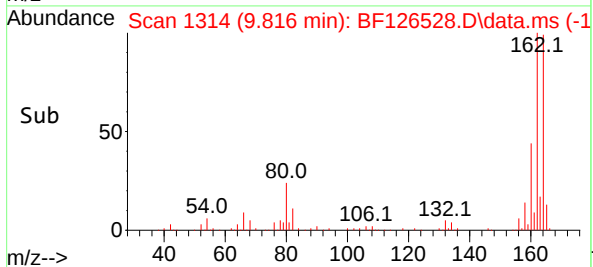
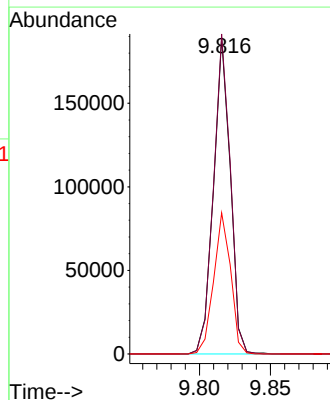
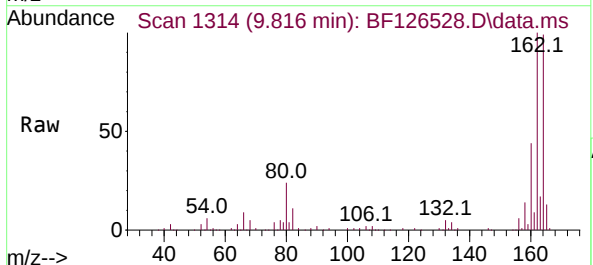
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COMPOSITE-SAMPLE-5-SHALLOW

Tgt Ion: 82 Resp: 489368
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: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF126528.D
Acq: 6 Jan 2022 19:51

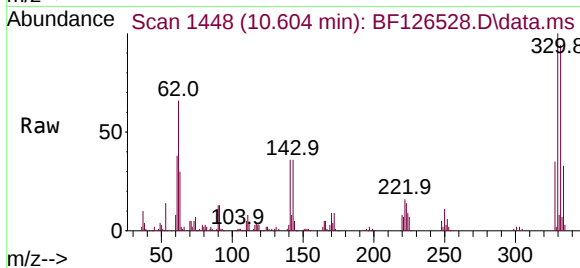
Tgt Ion:164 Resp: 155226
Ion Ratio Lower Upper
164 100
162 101.2 81.4 122.0
160 44.6 36.6 54.8



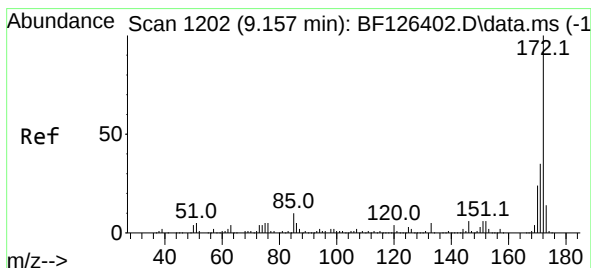
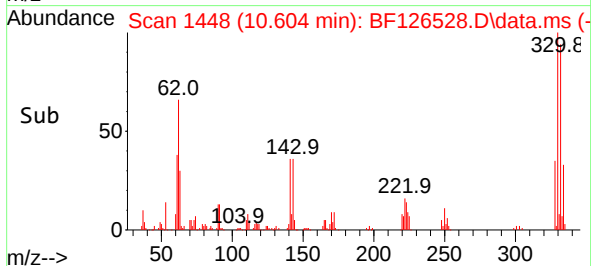
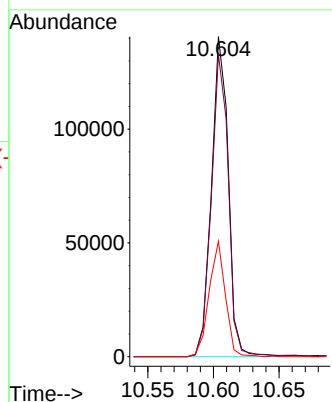


#42
2,4,6-Tribromophenol
Concen: 104.955 ng
RT: 10.604 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF126528.D
Acq: 6 Jan 2022 19:51

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-5-SHALLOW

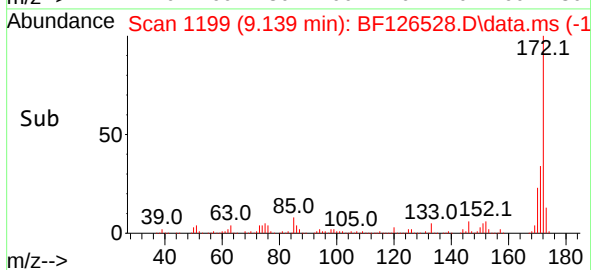
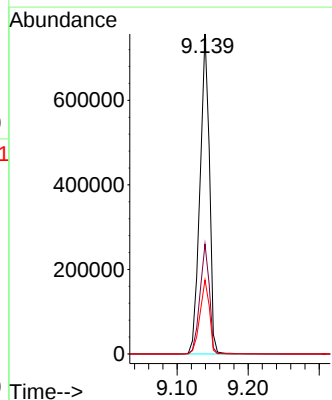
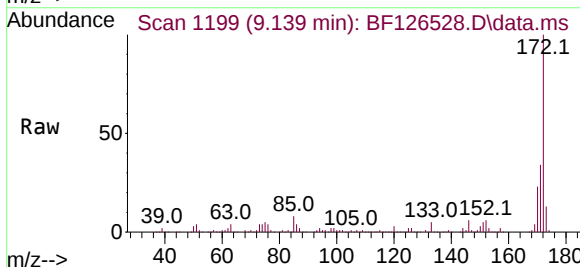


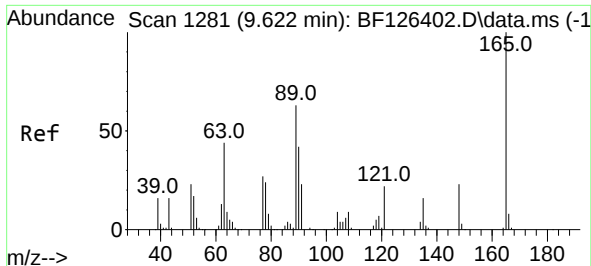
Tgt Ion:330 Resp: 125894
Ion Ratio Lower Upper
330 100
332 95.6 76.0 114.0
141 34.9 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 79.371 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF126528.D
Acq: 6 Jan 2022 19:51

Tgt Ion:172 Resp: 700137
Ion Ratio Lower Upper
172 100
171 34.3 28.3 42.5
170 23.1 19.0 28.6

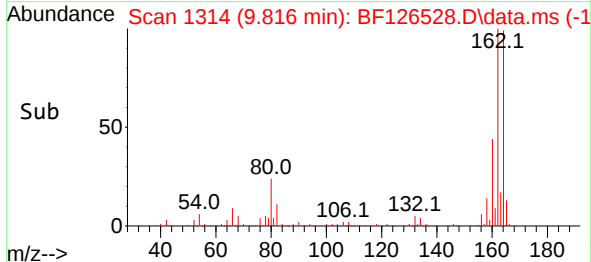
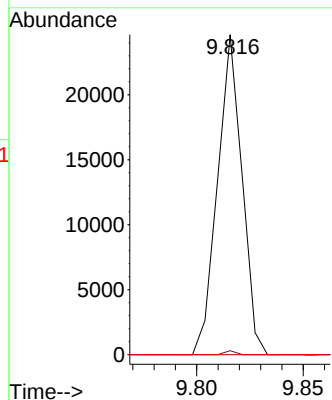
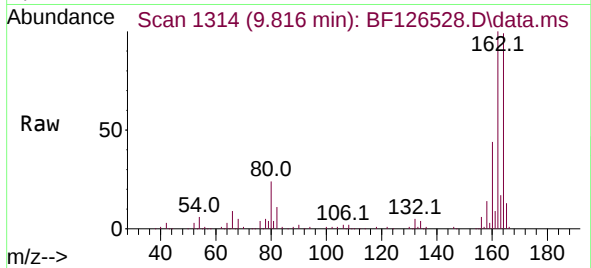




#51
2,6-Dinitrotoluene
Concen: 9.394 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF126528.D
Acq: 6 Jan 2022 19:51

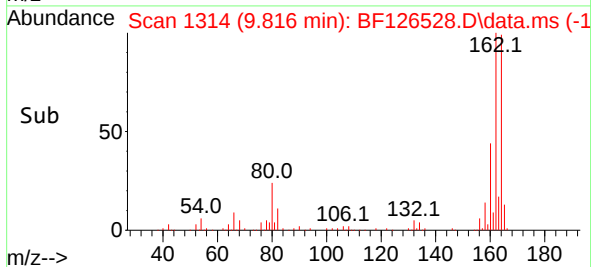
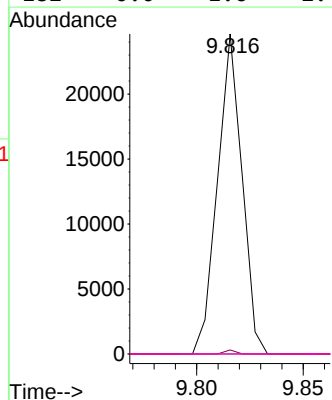
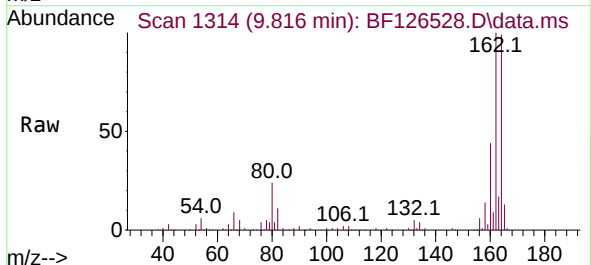
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ClientSampleId :
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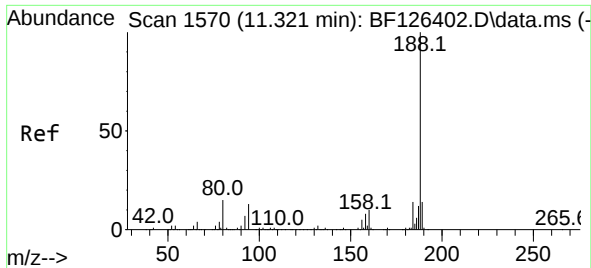
Tgt Ion:165 Resp: 19659
Ion Ratio Lower Upper
165 100
63 1.3 48.4 72.6#
89 0.0 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.281 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.200 min
Lab File: BF126528.D
Acq: 6 Jan 2022 19:51

Tgt Ion:165 Resp: 19659
Ion Ratio Lower Upper
165 100
63 1.3 43.0 64.6#
89 0.0 71.0 106.4#
182 0.0 1.6 2.4#

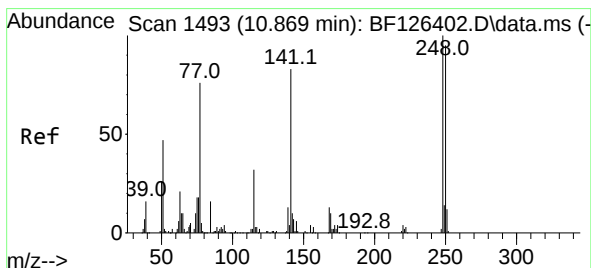
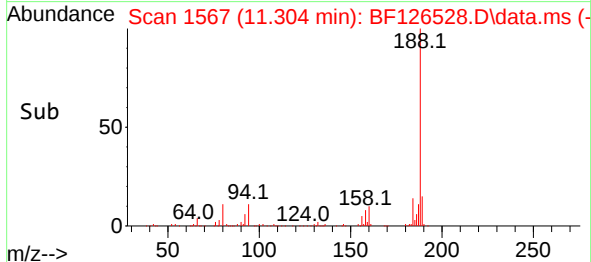
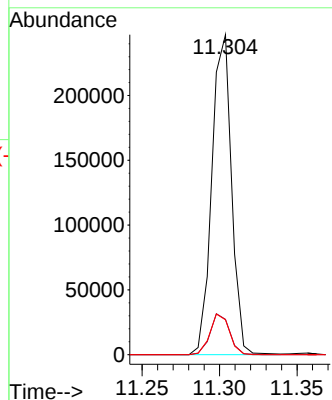
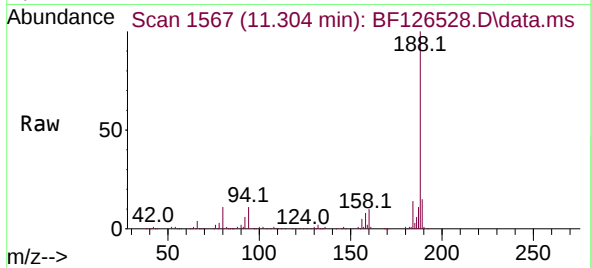




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126528.D
Acq: 6 Jan 2022 19:51

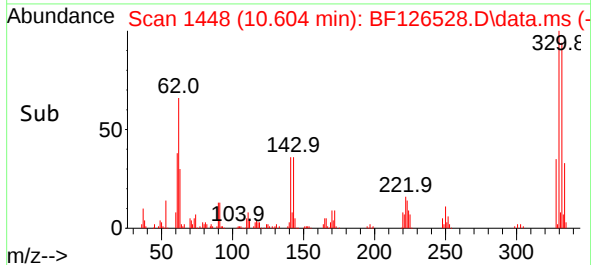
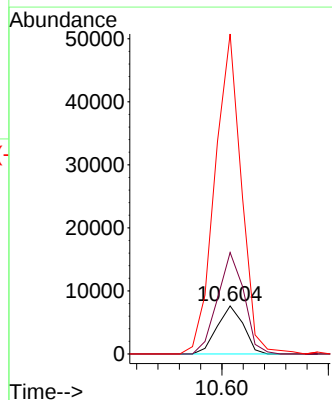
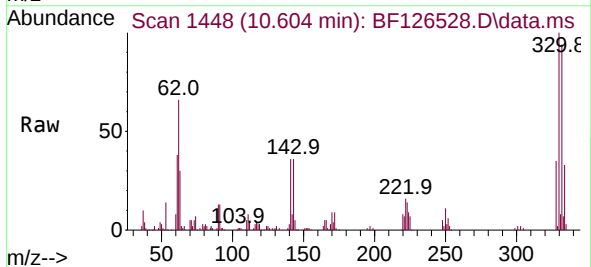
Instrument :
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COMPOSITE-SAMPLE-5-SHALLOW

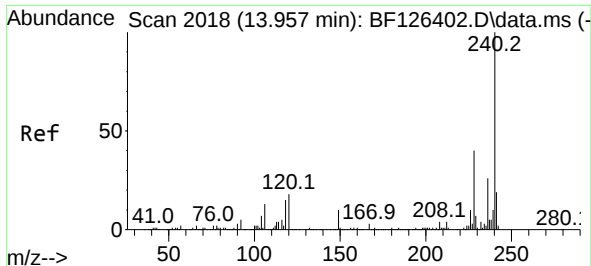
Tgt Ion:188 Resp: 218408
Ion Ratio Lower Upper
188 100
94 11.1 10.1 15.1
80 10.9 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 3.375 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.253 min
Lab File: BF126528.D
Acq: 6 Jan 2022 19:51

Tgt Ion:248 Resp: 6542
Ion Ratio Lower Upper
248 100
250 211.5 76.2 114.4#
141 667.0 66.2 99.4#

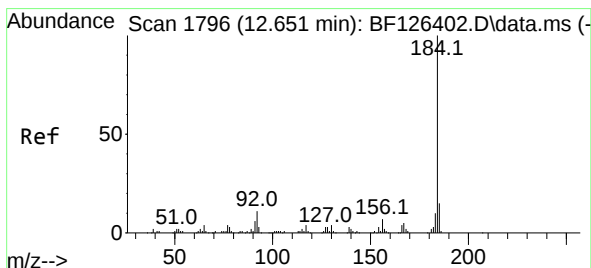
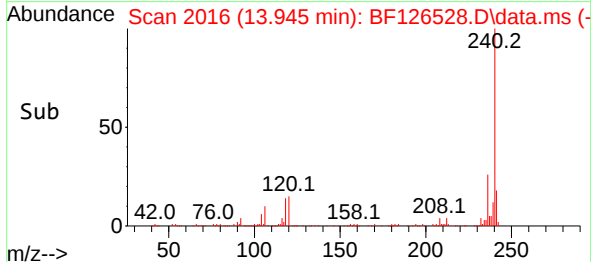
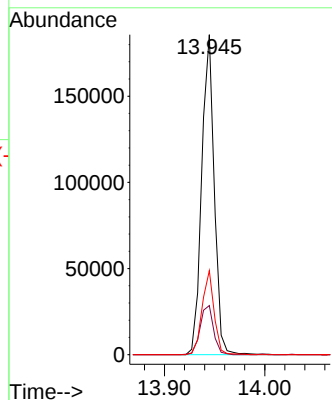
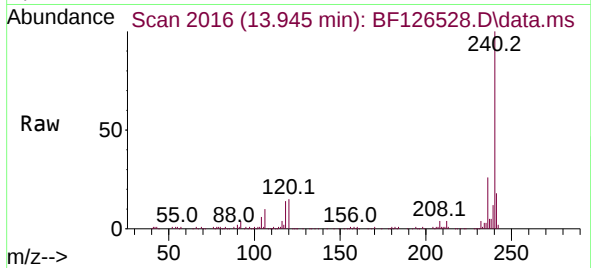




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF126528.D
Acq: 6 Jan 2022 19:51

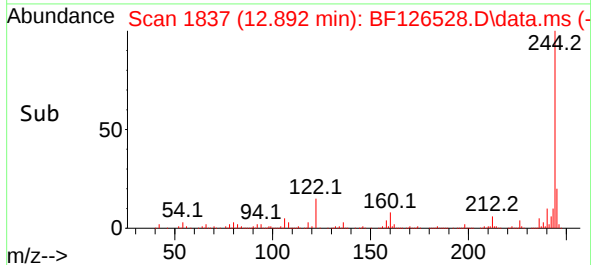
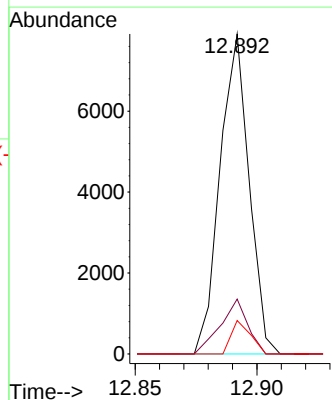
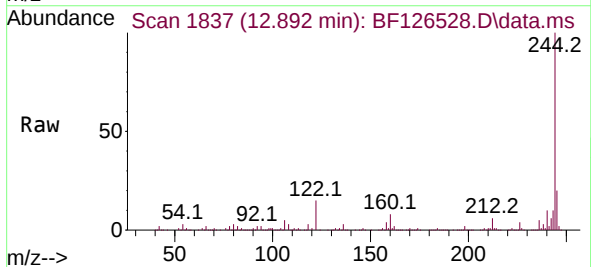
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-5-SHALLOW

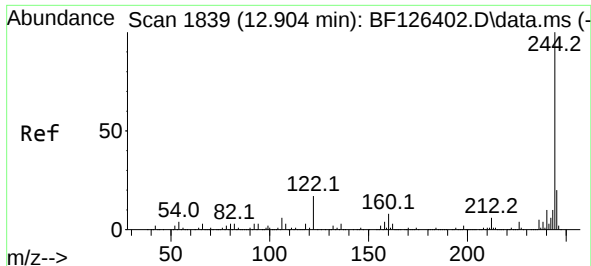
Tgt Ion:240 Resp: 162658
Ion Ratio Lower Upper
240 100
120 15.3 14.4 21.6
236 26.2 20.5 30.7



#77
Benzidine
Concen: Below Cal
RT: 12.892 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF126528.D
Acq: 6 Jan 2022 19:51

Tgt Ion:184 Resp: 6561
Ion Ratio Lower Upper
184 100
185 17.1 11.8 17.8
183 10.5 8.2 12.2

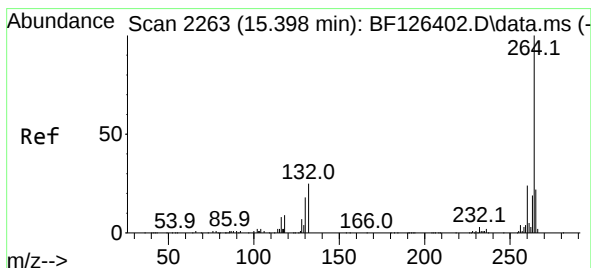
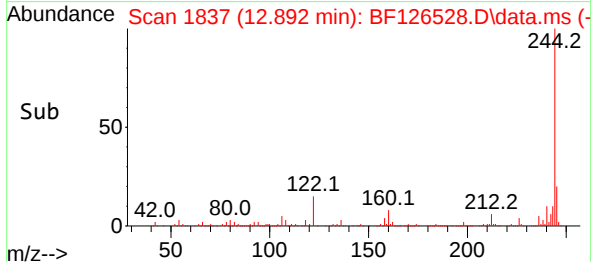
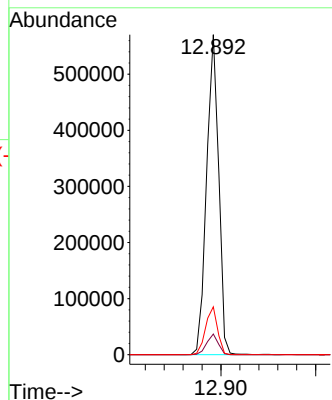
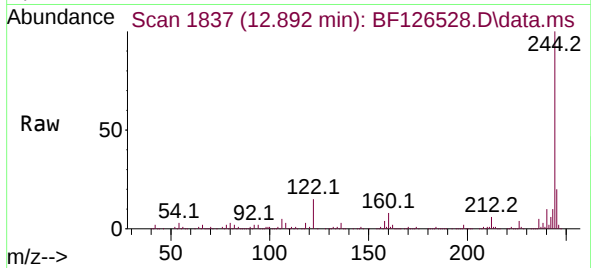




#79
 Terphenyl-d14
 Concen: 59.991 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF126528.D
 Acq: 6 Jan 2022 19:51

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-SAMPLE-5-SHALLOW

Tgt Ion:244 Resp: 502227
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 15.0 13.3 19.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.392 min Scan# 2262
 Delta R.T. 0.006 min
 Lab File: BF126528.D
 Acq: 6 Jan 2022 19:51

Tgt Ion:264 Resp: 185668
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.2 28.8
 265 20.5 17.4 26.2

