

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
 Data File : BF126359.D
 Acq On : 27 Dec 2021 17:01
 Operator : JU/CG
 Sample : M5218-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-G2

Quant Time: Dec 27 17:26:23 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

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

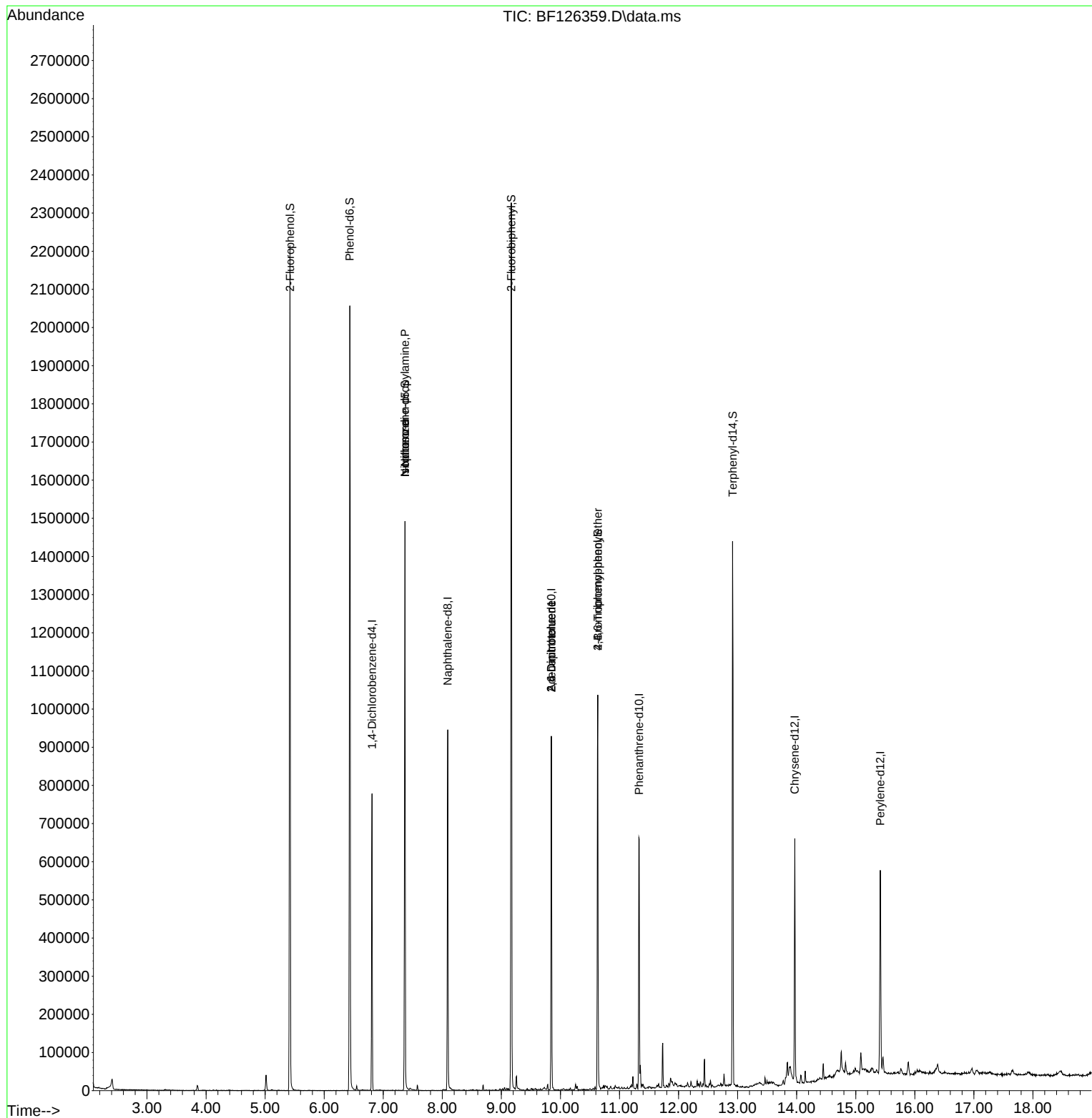
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	108529	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	425333	20.000	ng	#-0.01
39) Acenaphthene-d10	9.845	164	180241	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	253615	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	197799	20.000	ng	-0.01
86) Perylene-d12	15.415	264	221827	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	627443	85.139	ng	0.00
7) Phenol-d6	6.434	99	779359	83.286	ng	-0.01
23) Nitrobenzene-d5	7.369	82	467817	59.569	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	123808	85.473	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	676352	65.814	ng	-0.01
79) Terphenyl-d14	12.916	244	468896	41.203	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	58034	10.102	ng	# 53
25) Isophorone	7.369	82	467813	31.544	ng	# 59
51) 2,6-Dinitrotoluene	9.845	165	22554	9.127	ng	# 27
57) 2,4-Dinitrotoluene	9.845	165	22554	7.155	ng	# 19
67) 4-Bromophenyl-phenylether	10.633	248	6236	2.620	ng	# 1

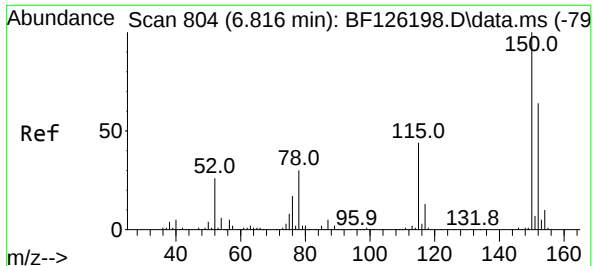
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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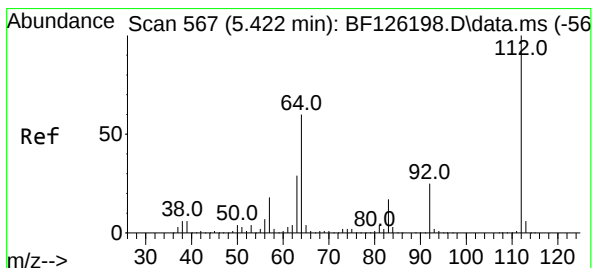
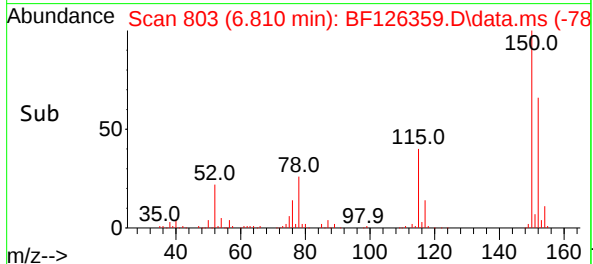
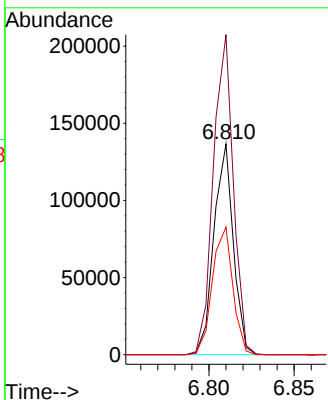
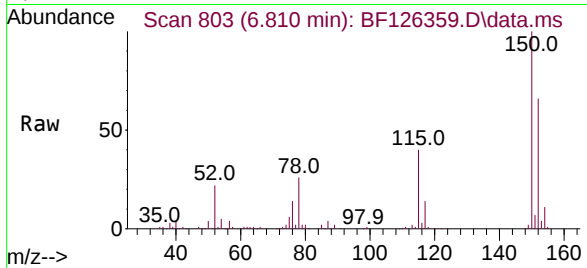




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF126359.D
Acq: 27 Dec 2021 17:01

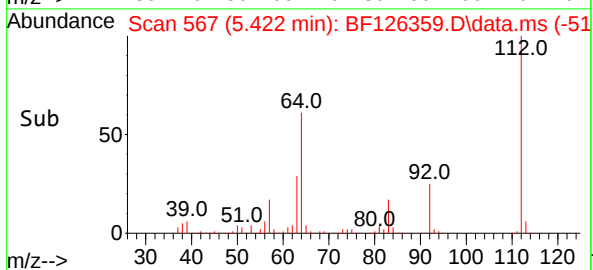
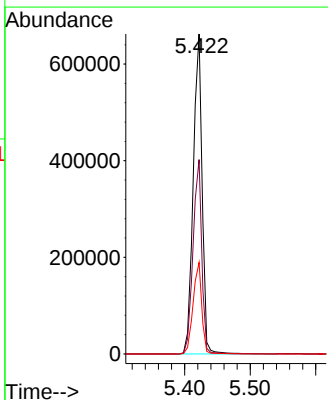
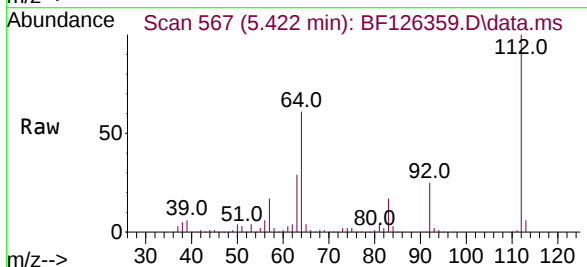
Instrument :
BNA_F
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SB-01-G2

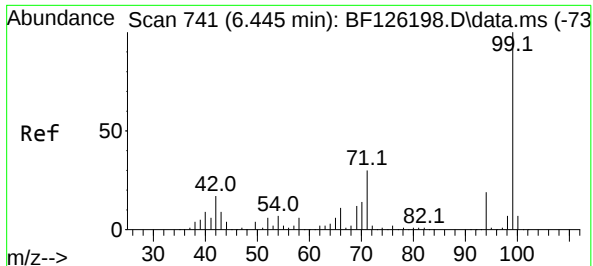
Tgt Ion:152 Resp: 108529
Ion Ratio Lower Upper
152 100
150 151.8 117.6 176.4
115 60.5 47.1 70.7



#5
2-Fluorophenol
Concen: 85.139 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF126359.D
Acq: 27 Dec 2021 17:01

Tgt Ion:112 Resp: 627443
Ion Ratio Lower Upper
112 100
64 60.8 44.2 66.2
63 28.6 26.2 39.2

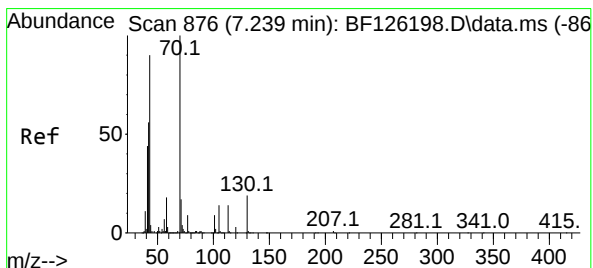
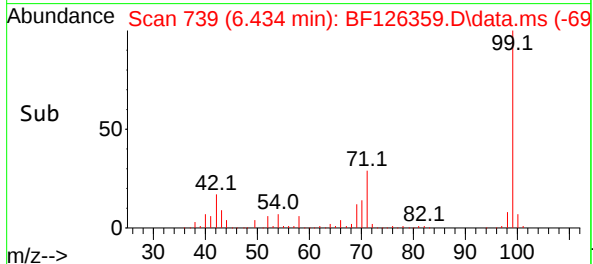
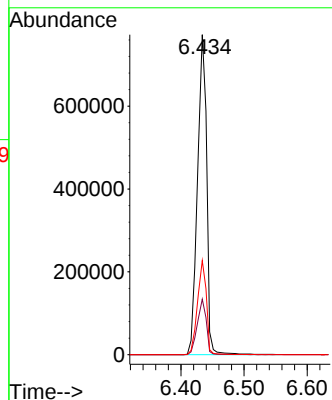
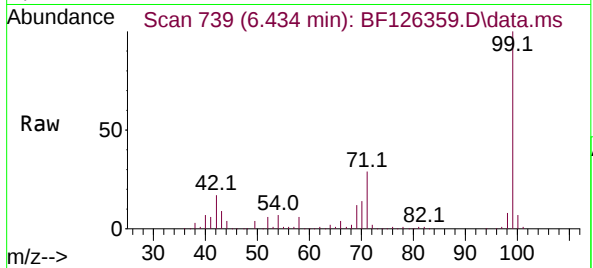




#7
Phenol-d6
Concen: 83.286 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126359.D
Acq: 27 Dec 2021 17:01

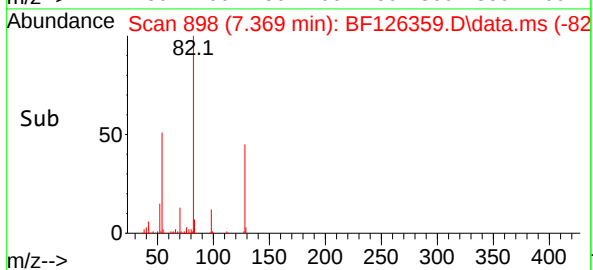
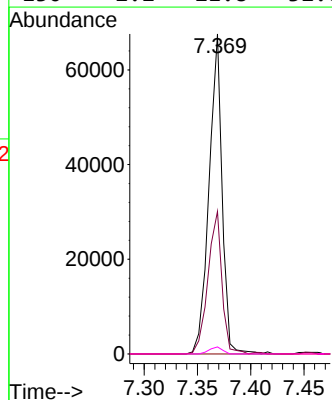
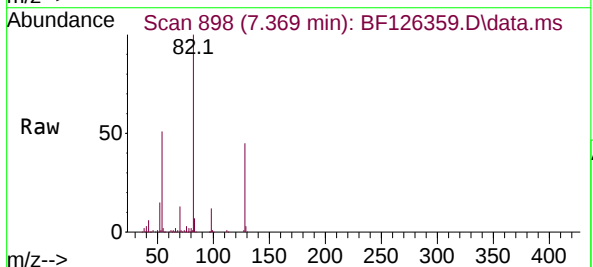
Instrument :
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ClientSampleId :
SB-01-G2

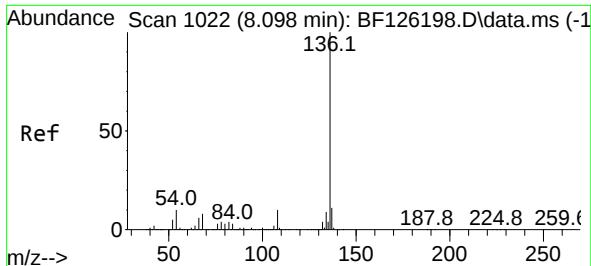
Tgt Ion: 99 Resp: 779359
Ion Ratio Lower Upper
99 100
42 17.3 23.5 35.3#
71 29.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.102 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.135 min
Lab File: BF126359.D
Acq: 27 Dec 2021 17:01

Tgt Ion: 70 Resp: 58034
Ion Ratio Lower Upper
70 100
42 44.5 72.2 108.2#
101 0.0 7.8 11.8#
130 2.2 21.8 32.6#

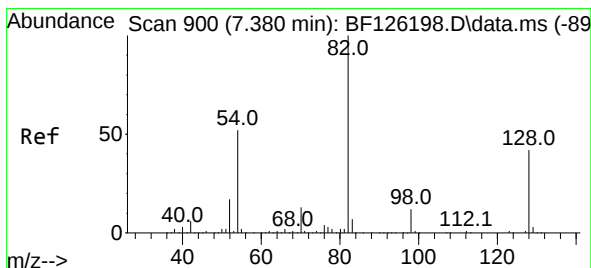
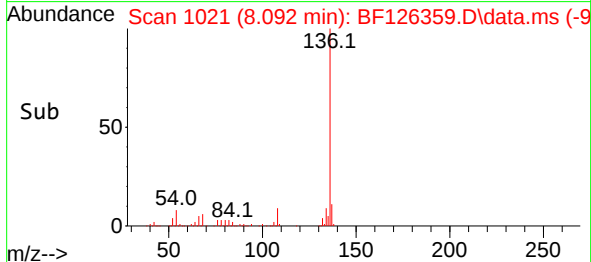
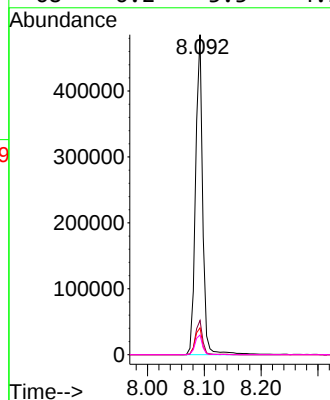
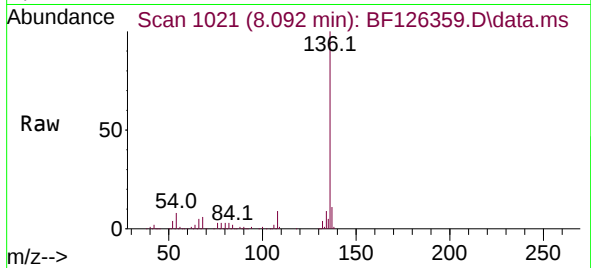




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF126359.D
Acq: 27 Dec 2021 17:01

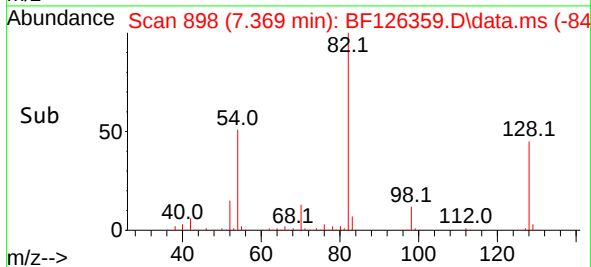
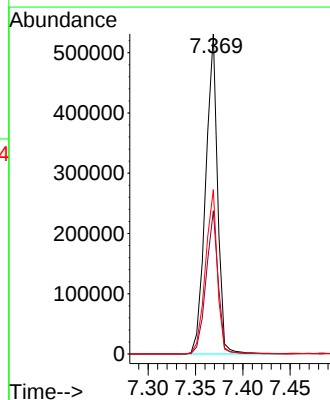
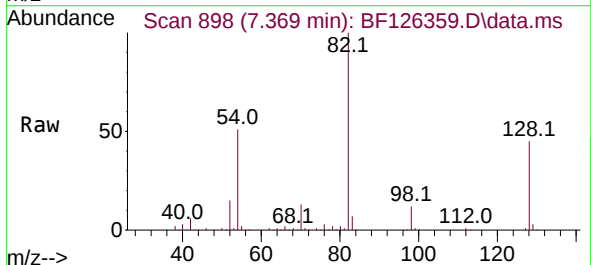
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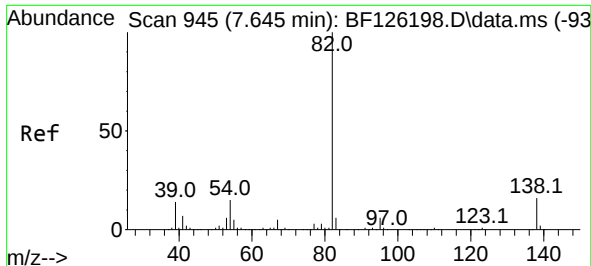
Tgt Ion:	136	Resp:	425333
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.8	14.6
54	8.4	6.4	9.6
68	6.2	3.3	4.9



#23
Nitrobenzene-d5
Concen: 59.569 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF126359.D
Acq: 27 Dec 2021 17:01

Tgt Ion:	82	Resp:	467817
Ion	Ratio	Lower	Upper
82	100		
128	44.8	40.6	60.8
54	51.3	49.6	74.4

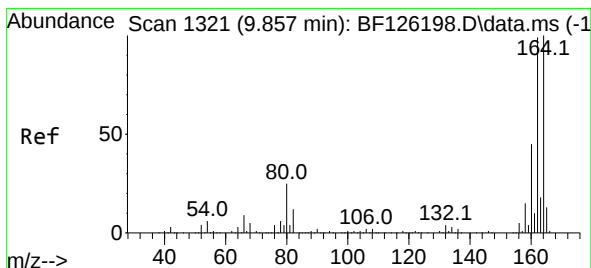
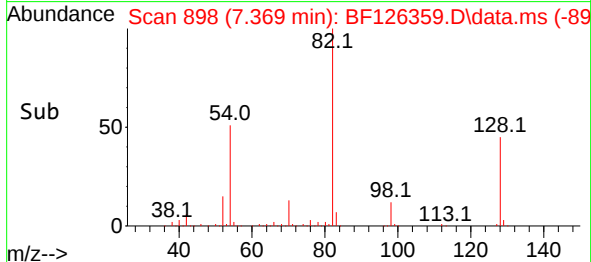
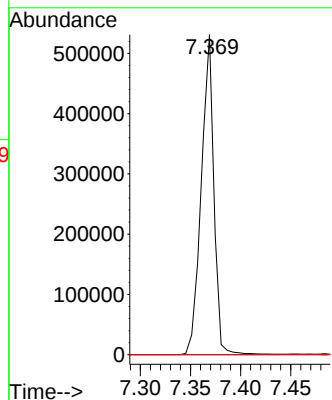
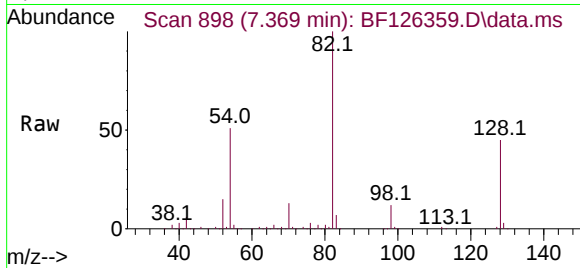




#25
Isophorone
Concen: 31.544 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF126359.D
Acq: 27 Dec 2021 17:01

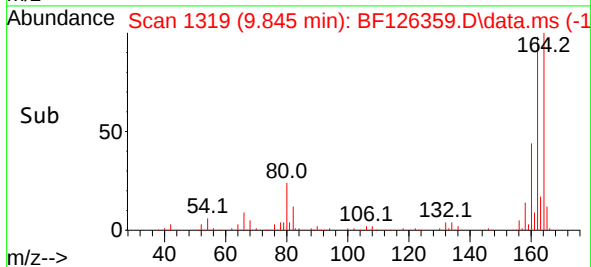
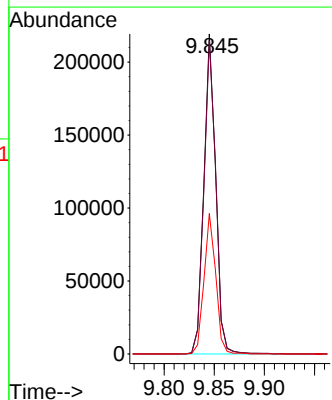
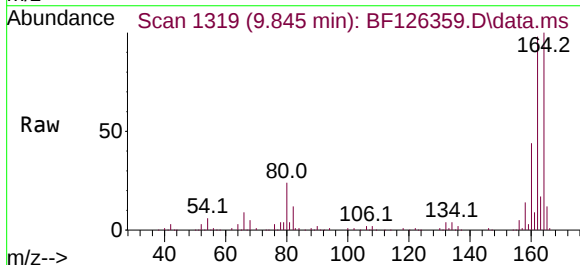
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ClientSampleId :
SB-01-G2

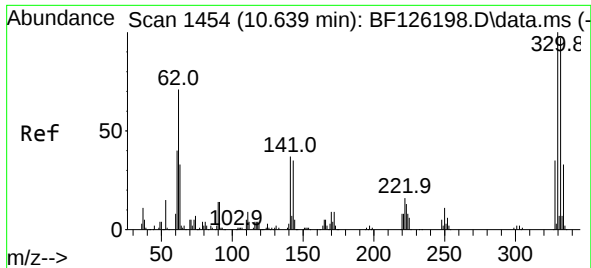
Tgt Ion: 82 Resp: 467813
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF126359.D
Acq: 27 Dec 2021 17:01

Tgt Ion: 164 Resp: 180241
Ion Ratio Lower Upper
164 100
162 97.8 81.3 121.9
160 43.9 38.0 57.0

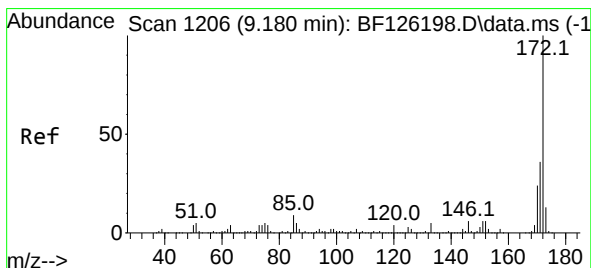
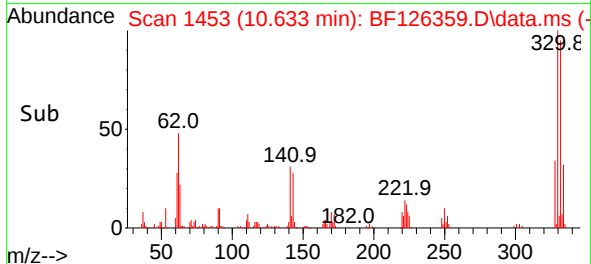
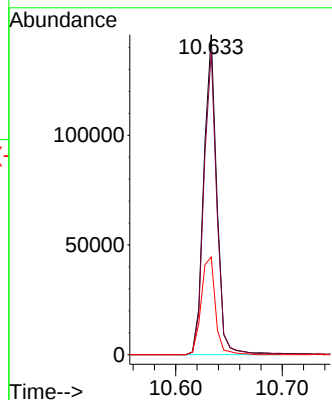
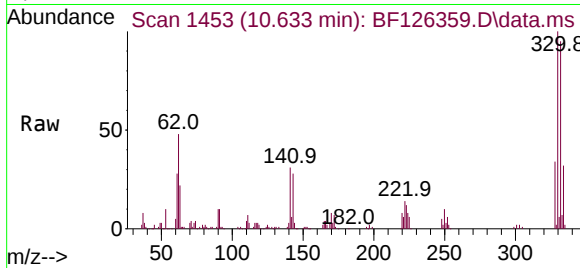




#42
2,4,6-Tribromophenol
Concen: 85.473 ng
RT: 10.633 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BF126359.D
Acq: 27 Dec 2021 17:01

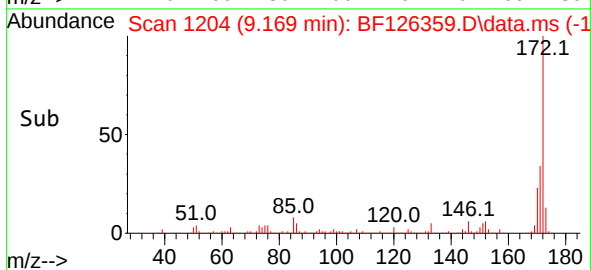
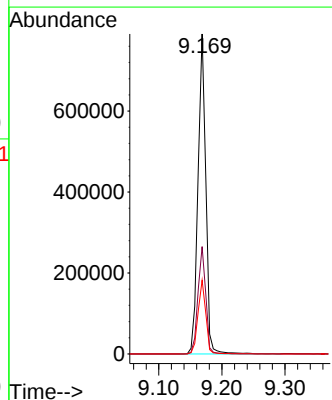
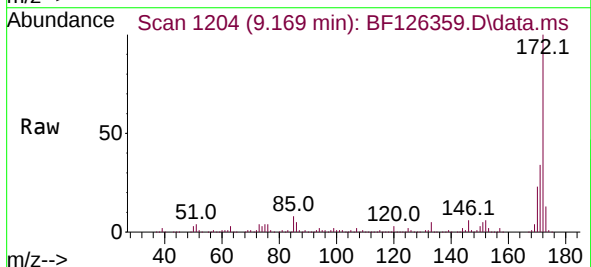
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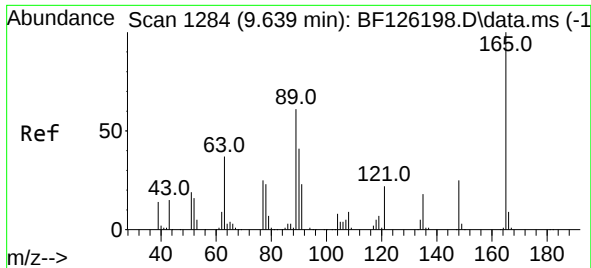
Tgt Ion:330 Resp: 123808
Ion Ratio Lower Upper
330 100
332 94.0 76.2 114.4
141 33.4 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 65.814 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.012 min
Lab File: BF126359.D
Acq: 27 Dec 2021 17:01

Tgt Ion:172 Resp: 676352
Ion Ratio Lower Upper
172 100
171 33.5 26.5 39.7
170 23.1 18.8 28.2

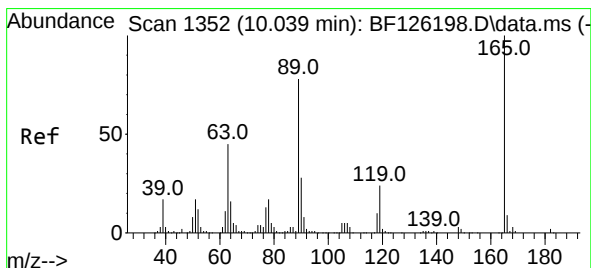
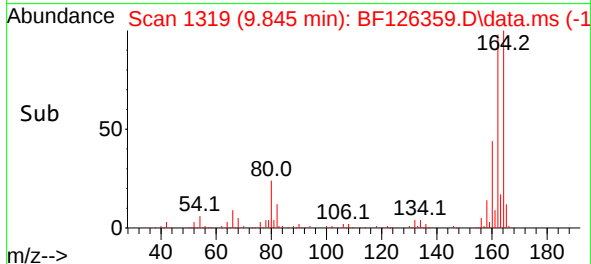
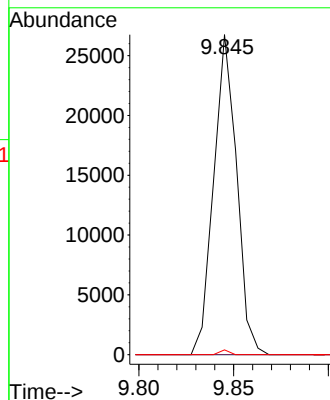
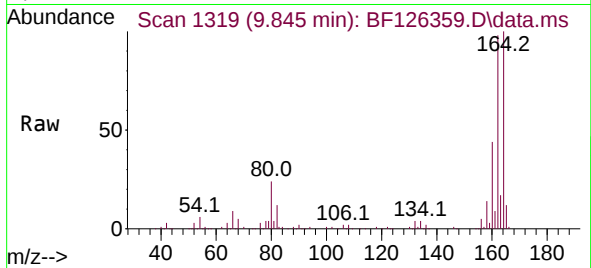




#51
2,6-Dinitrotoluene
Concen: 9.127 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.206 min
Lab File: BF126359.D
Acq: 27 Dec 2021 17:01

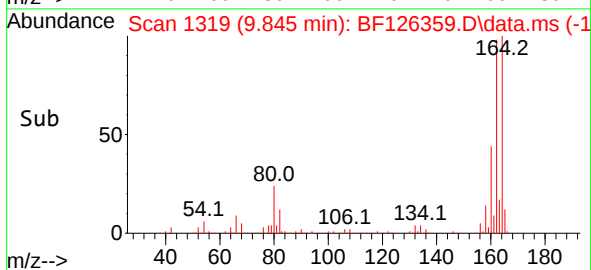
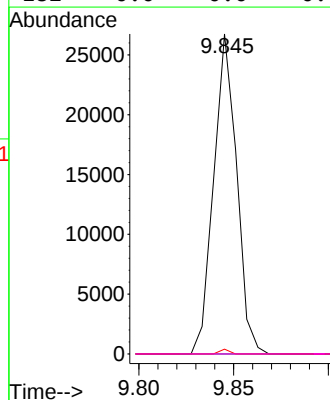
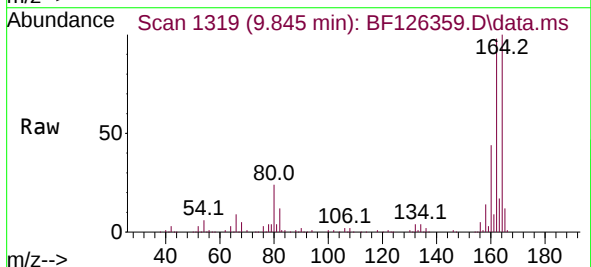
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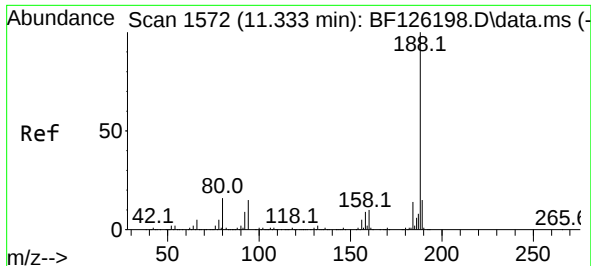
Tgt Ion:165 Resp: 22554
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 1.5 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.155 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.194 min
Lab File: BF126359.D
Acq: 27 Dec 2021 17:01

Tgt Ion:165 Resp: 22554
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 1.5 59.7 89.5#
182 0.0 0.0 0.0

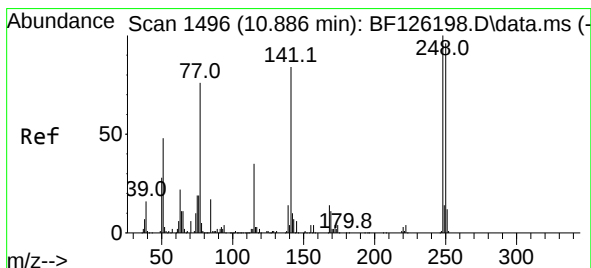
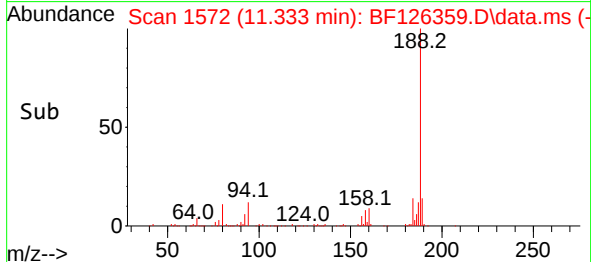
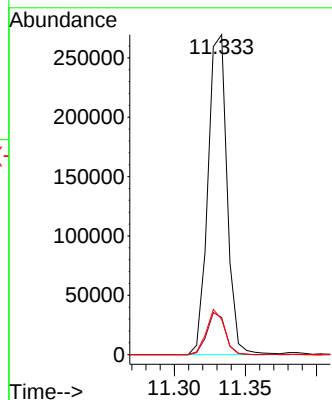
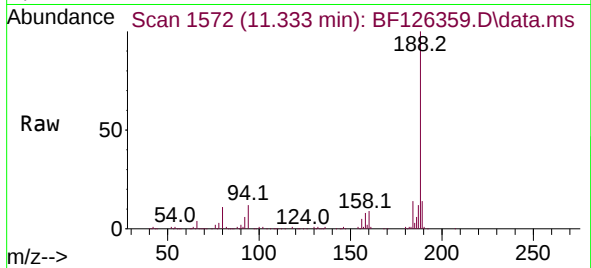




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126359.D
Acq: 27 Dec 2021 17:01

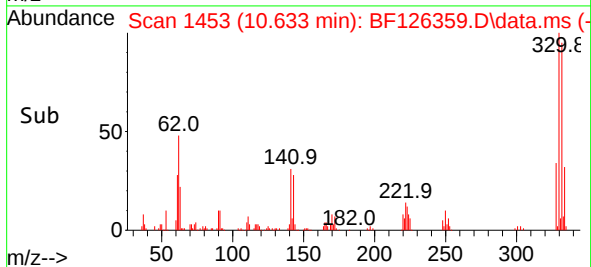
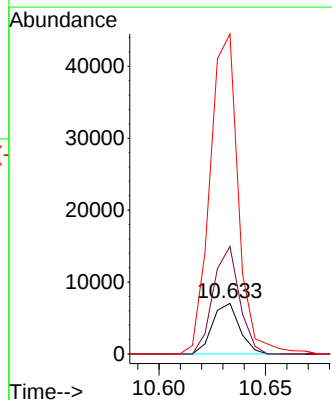
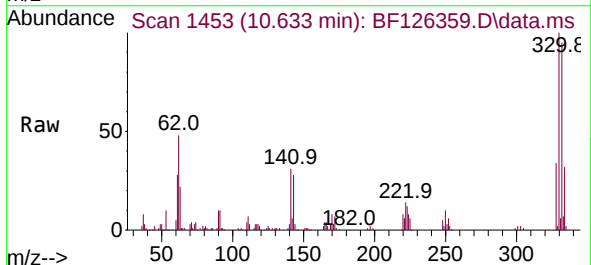
Instrument :
BNA_F
ClientSampleId :
SB-01-G2

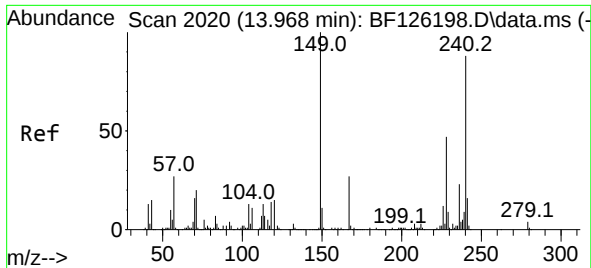
Tgt Ion:188 Resp: 253615
Ion Ratio Lower Upper
188 100
94 11.6 6.7 10.1#
80 11.1 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.620 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.253 min
Lab File: BF126359.D
Acq: 27 Dec 2021 17:01

Tgt Ion:248 Resp: 6236
Ion Ratio Lower Upper
248 100
250 212.5 74.2 111.4#
141 632.1 60.4 90.6#

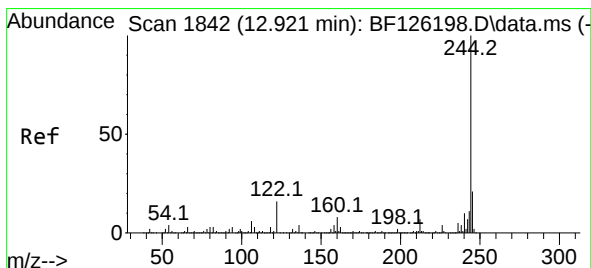
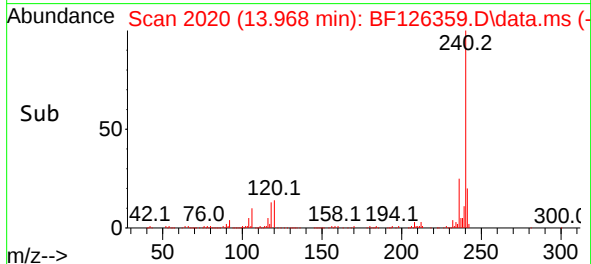
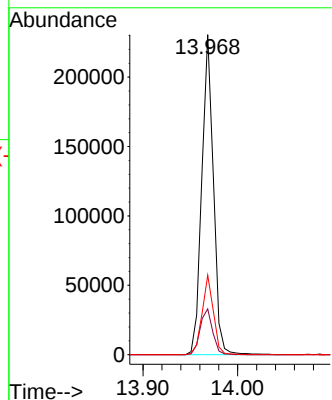
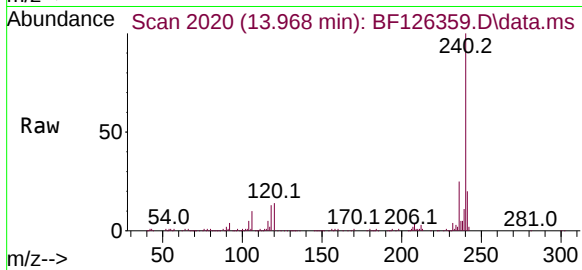




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF126359.D
Acq: 27 Dec 2021 17:01

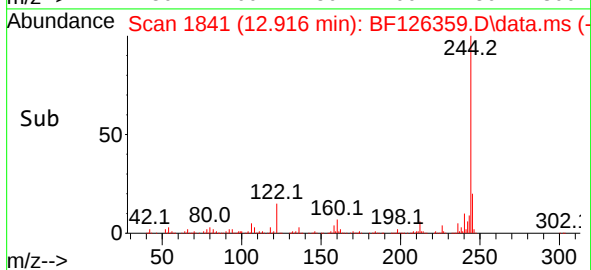
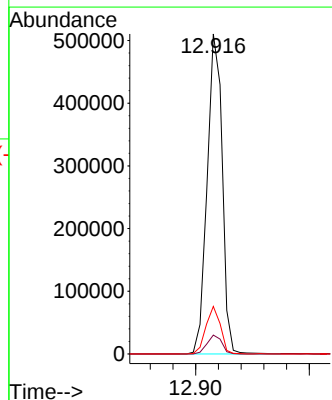
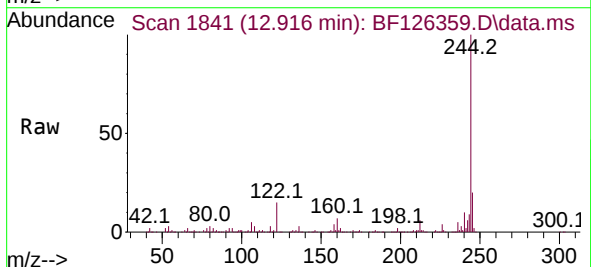
Instrument :
BNA_F
ClientSampleId :
SB-01-G2

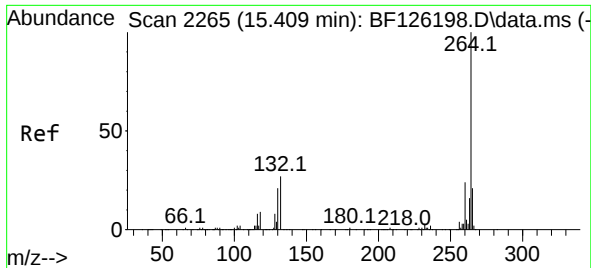
Tgt Ion:240 Resp: 197799
Ion Ratio Lower Upper
240 100
120 14.3 10.8 16.2
236 24.8 21.6 32.4



#79
Terphenyl-d14
Concen: 41.203 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BF126359.D
Acq: 27 Dec 2021 17:01

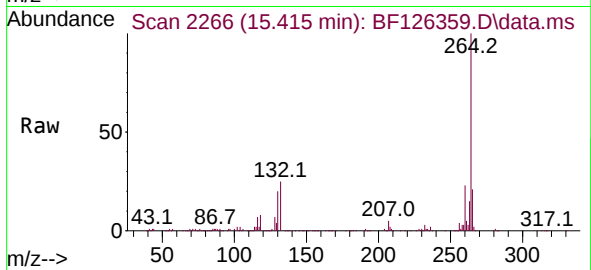
Tgt Ion:244 Resp: 468896
Ion Ratio Lower Upper
244 100
212 5.9 5.9 8.9#
122 14.9 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF126359.D
Acq: 27 Dec 2021 17:01

Instrument :
BNA_F
ClientSampleId :
SB-01-G2



Tgt Ion:264 Resp: 221827
Ion Ratio Lower Upper
264 100
260 22.8 19.6 29.4
265 20.9 17.2 25.8

