

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122821\
 Data File : BF126388.D
 Acq On : 28 Dec 2021 18:45
 Operator : JU/CG
 Sample : M5223-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-4-(33-35)-12-22-21

Quant Time: Dec 29 08:23:48 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)

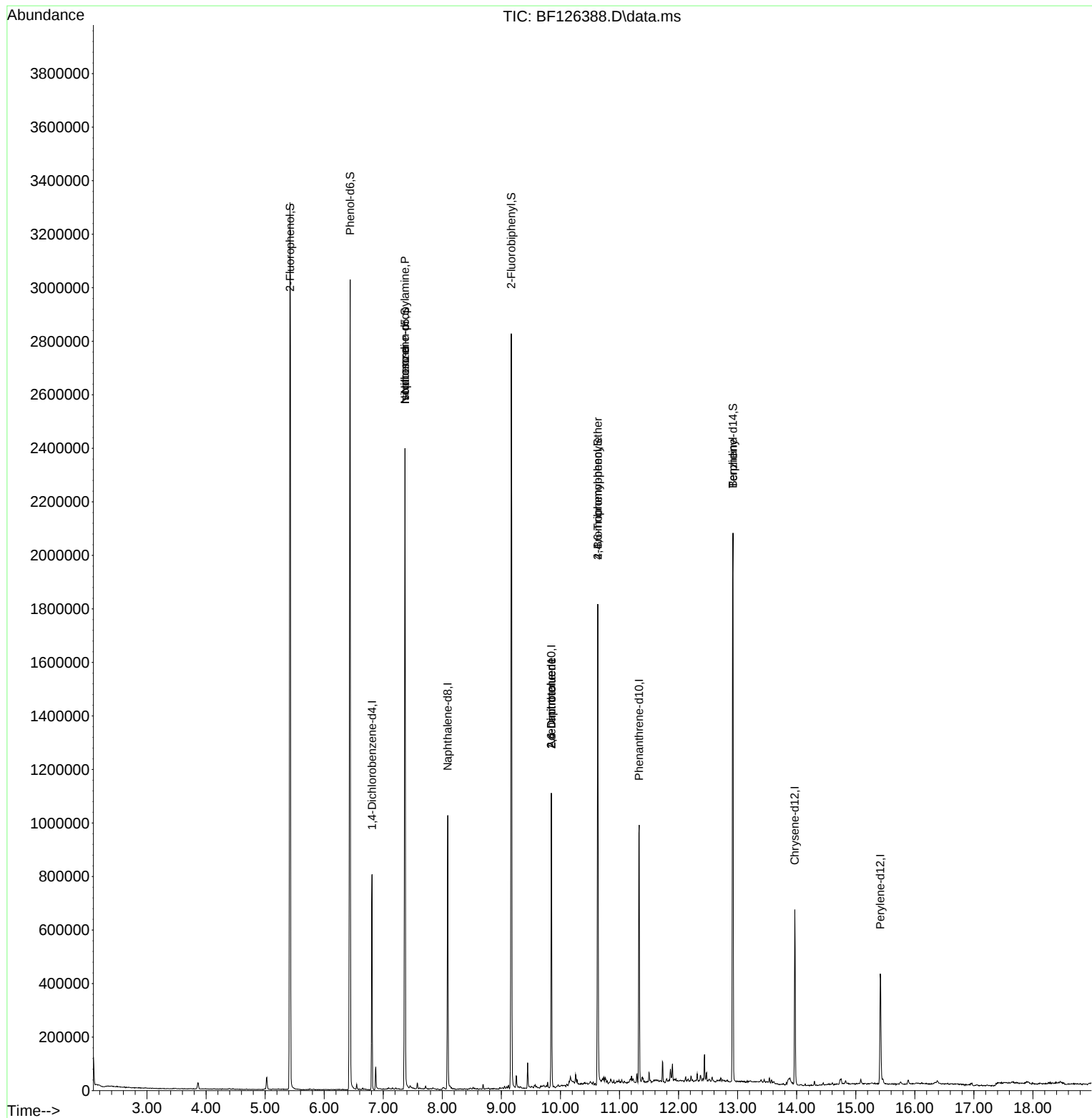
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	111406	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	467957	20.000	ng	#-0.01
39) Acenaphthene-d10	9.845	164	214957	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	357940	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	222701	20.000	ng	#-0.01
86) Perylene-d12	15.415	264	188333	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1029160	136.042	ng	0.00
7) Phenol-d6	6.440	99	1183116	123.169	ng	0.00
23) Nitrobenzene-d5	7.369	82	859598	99.486	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	207409	120.064	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	880739	71.861	ng	-0.01
79) Terphenyl-d14	12.922	244	686110	53.549	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	109590	18.584	ng	# 54
25) Isophorone	7.369	82	859725	52.690	ng	# 59
51) 2,6-Dinitrotoluene	9.845	165	27421	9.304	ng	# 27
57) 2,4-Dinitrotoluene	9.845	165	27421	7.294	ng	# 19
67) 4-Bromophenyl-phenylether	10.633	248	10970	3.266	ng	# 1
77) Benzidine	12.922	184	8219	2.341	ng	# 93

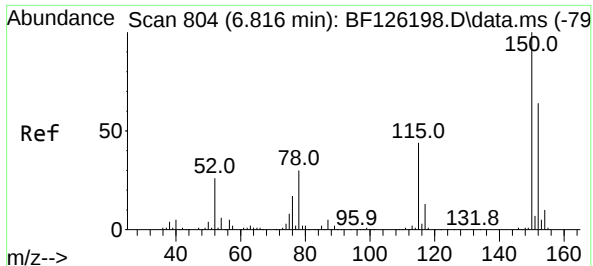
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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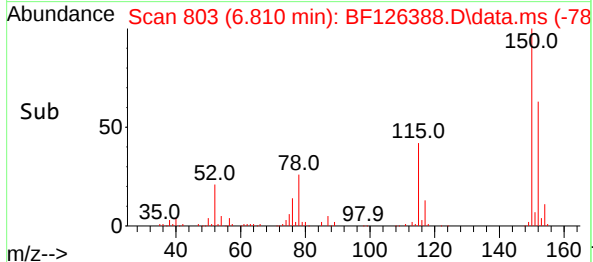
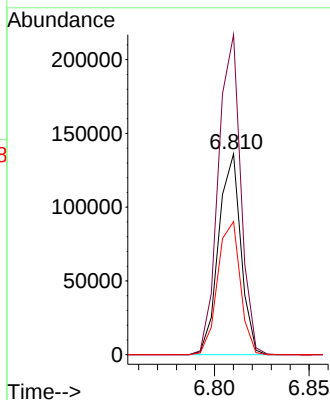
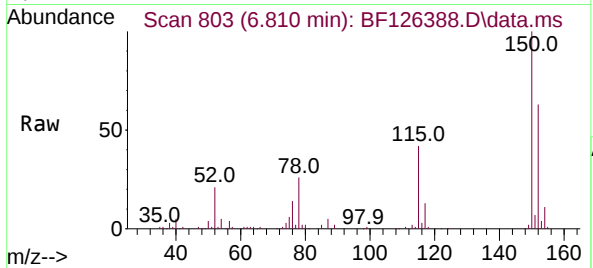




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF126388.D
Acq: 28 Dec 2021 18:45

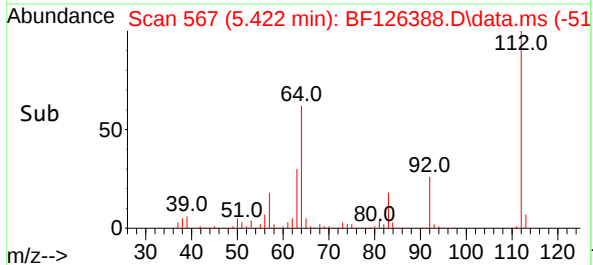
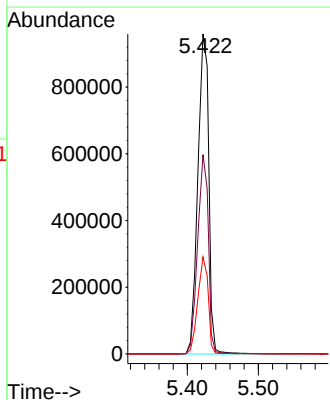
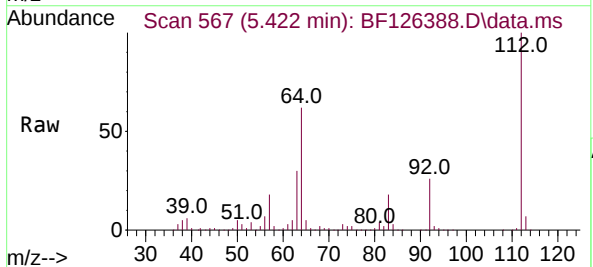
Instrument :
BNA_F
ClientSampleId :
DB-4-(33-35)-12-22-21

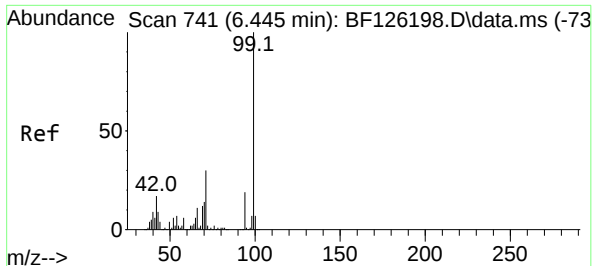
Tgt Ion:152 Resp: 111406
Ion Ratio Lower Upper
152 100
150 159.3 117.6 176.4
115 66.2 47.1 70.7



#5
2-Fluorophenol
Concen: 136.042 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF126388.D
Acq: 28 Dec 2021 18:45

Tgt Ion:112 Resp: 1029160
Ion Ratio Lower Upper
112 100
64 62.3 44.2 66.2
63 30.3 26.2 39.2

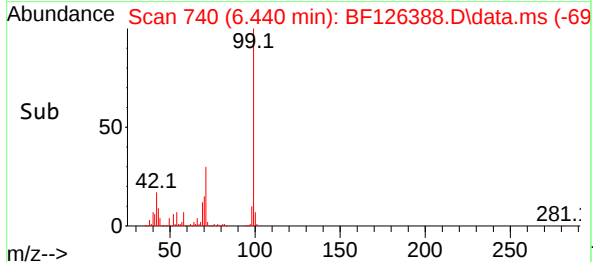
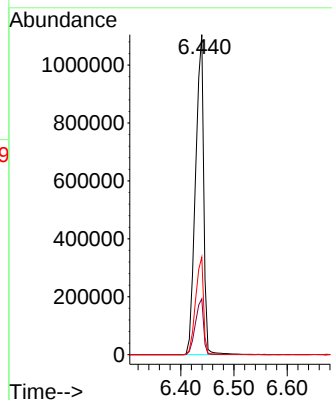
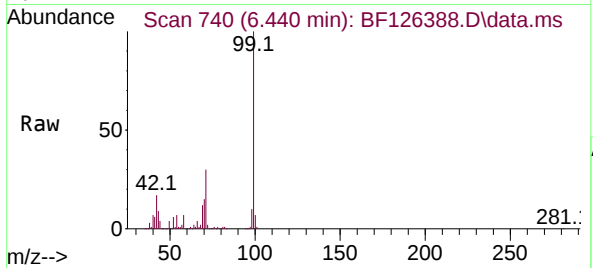




#7
Phenol-d6
Concen: 123.169 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126388.D
Acq: 28 Dec 2021 18:45

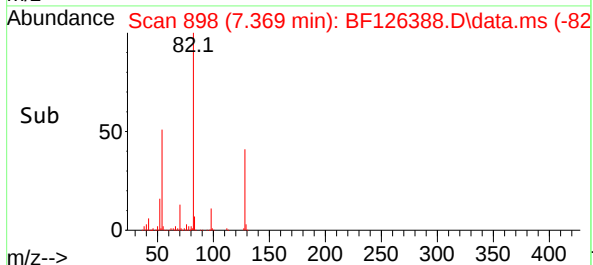
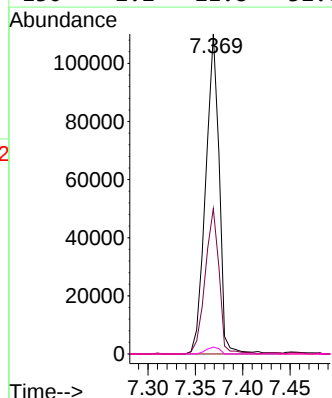
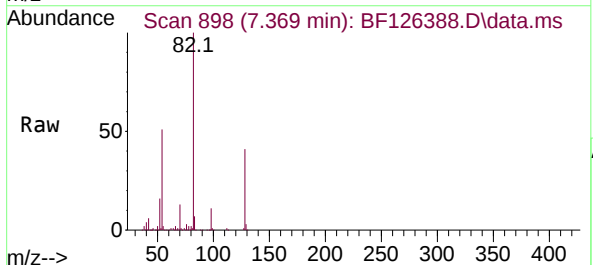
Instrument :
BNA_F
ClientSampleId :
DB-4-(33-35)-12-22-21

Tgt Ion: 99 Resp: 1183116
Ion Ratio Lower Upper
99 100
42 17.5 23.5 35.3#
71 30.5 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.584 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.135 min
Lab File: BF126388.D
Acq: 28 Dec 2021 18:45

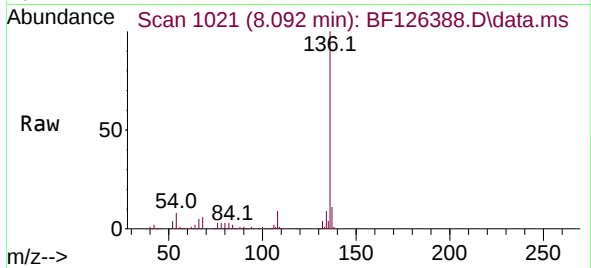
Tgt Ion: 70 Resp: 109590
Ion Ratio Lower Upper
70 100
42 45.4 72.2 108.2#
101 0.0 7.8 11.8#
130 2.2 21.8 32.6#



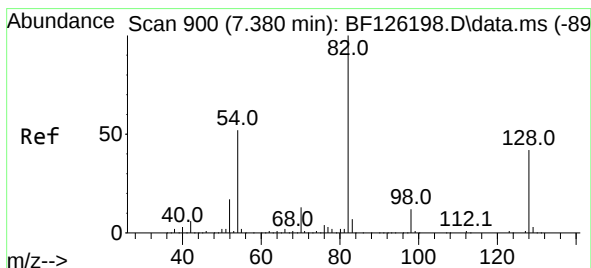
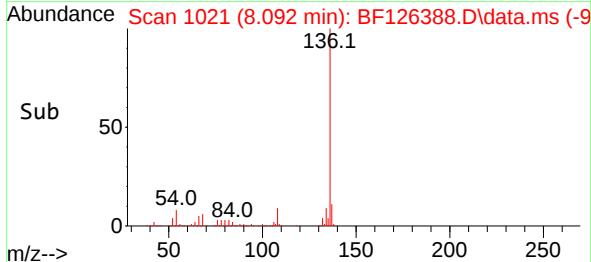
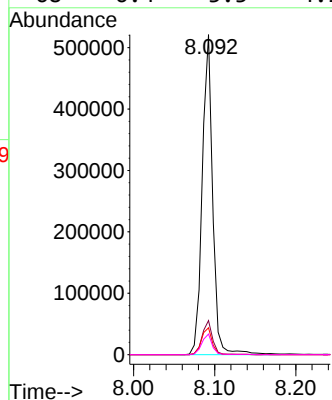


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF126388.D
Acq: 28 Dec 2021 18:45

Instrument :
BNA_F
ClientSampleId :
DB-4-(33-35)-12-22-21

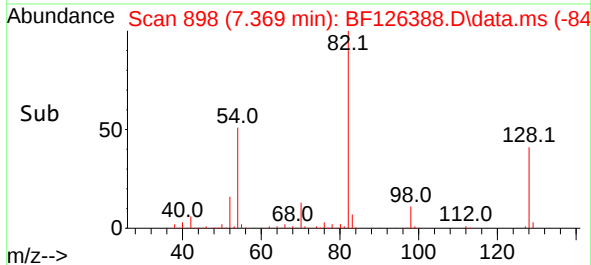
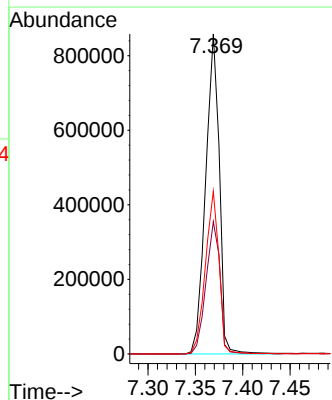
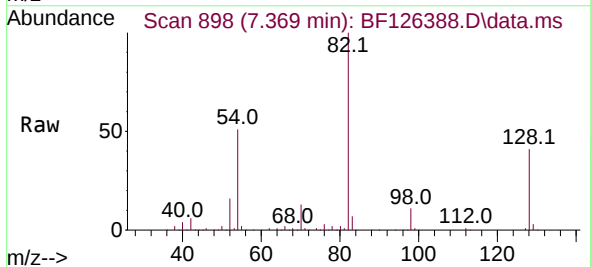


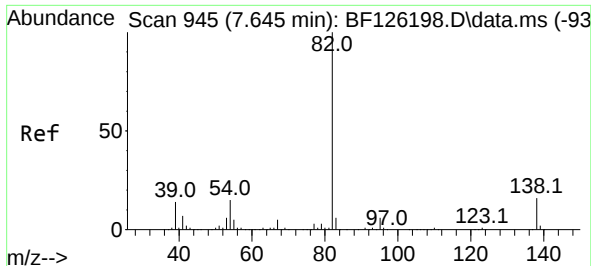
Tgt Ion:136 Resp: 467957
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 8.4 6.4 9.6
68 6.4 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 99.486 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF126388.D
Acq: 28 Dec 2021 18:45

Tgt Ion: 82 Resp: 859598
Ion Ratio Lower Upper
82 100
128 41.3 40.6 60.8
54 50.8 49.6 74.4

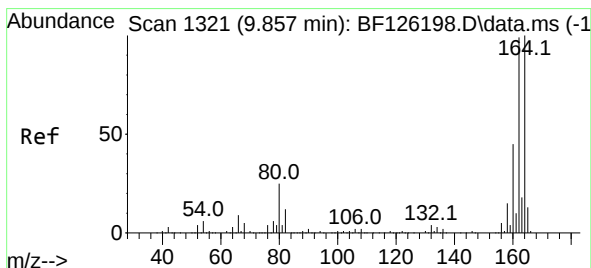
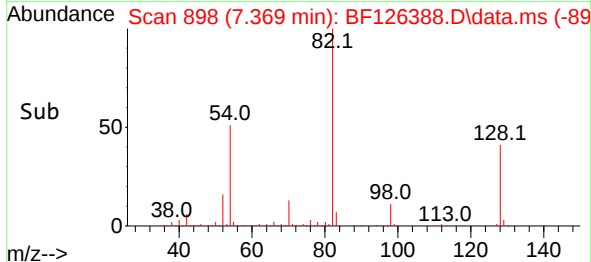
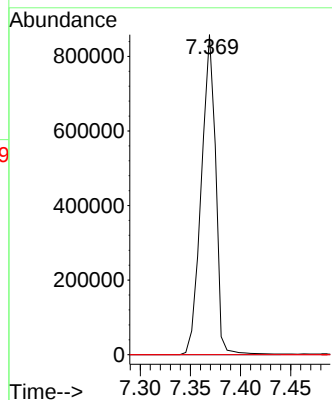
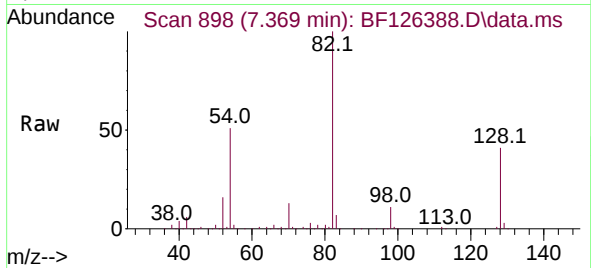




#25
Isophorone
Concen: 52.690 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF126388.D
Acq: 28 Dec 2021 18:45

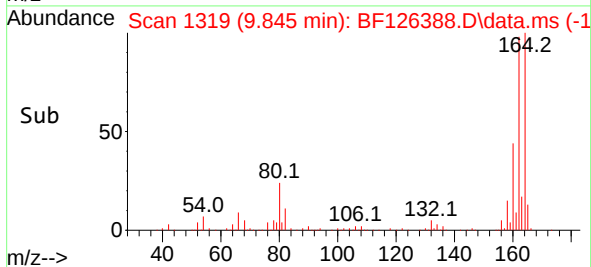
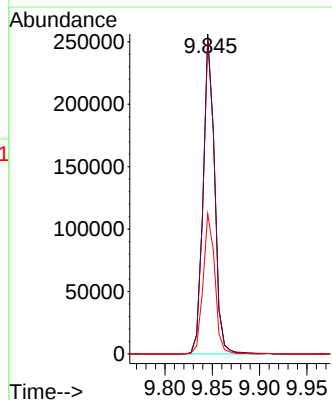
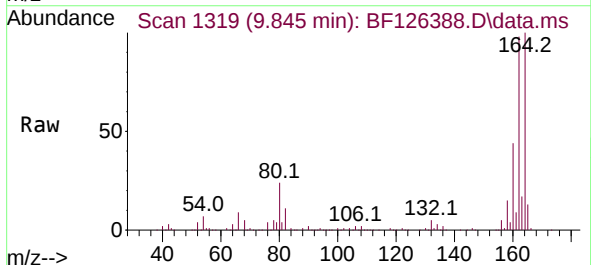
Instrument :
BNA_F
ClientSampleId :
DB-4-(33-35)-12-22-21

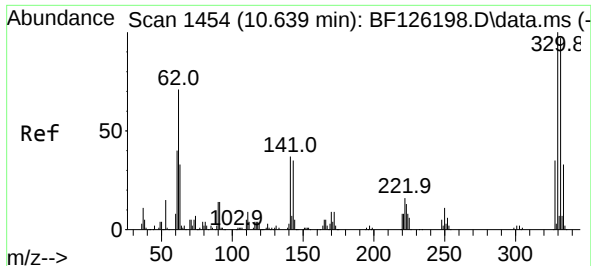
Tgt Ion: 82 Resp: 859725
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF126388.D
Acq: 28 Dec 2021 18:45

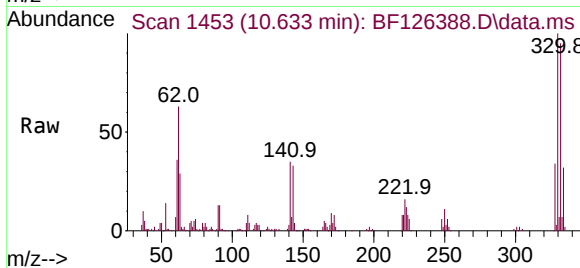
Tgt Ion:164 Resp: 214957
Ion Ratio Lower Upper
164 100
162 98.3 81.3 121.9
160 43.8 38.0 57.0



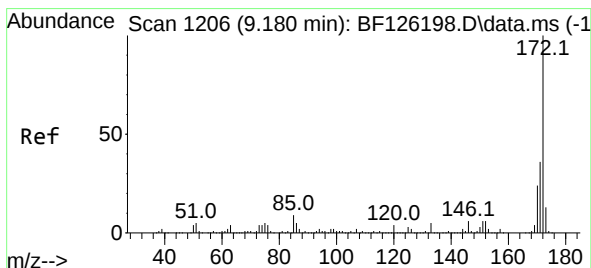
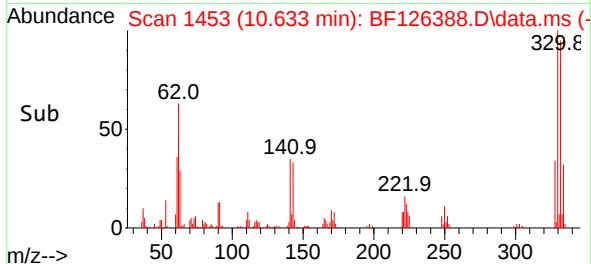
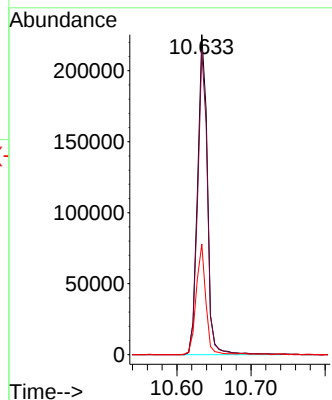


#42
2,4,6-Tribromophenol
Concen: 120.064 ng
RT: 10.633 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BF126388.D
Acq: 28 Dec 2021 18:45

Instrument :
BNA_F
ClientSampleId :
DB-4-(33-35)-12-22-21

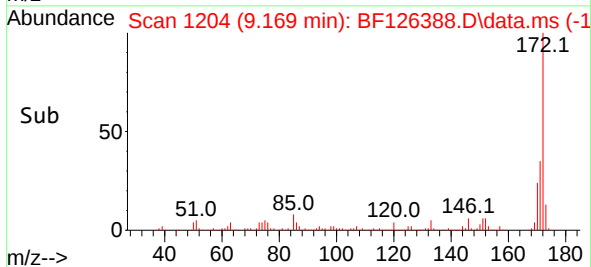
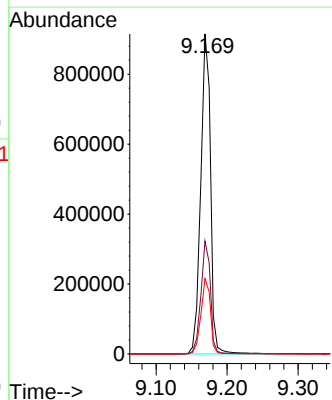
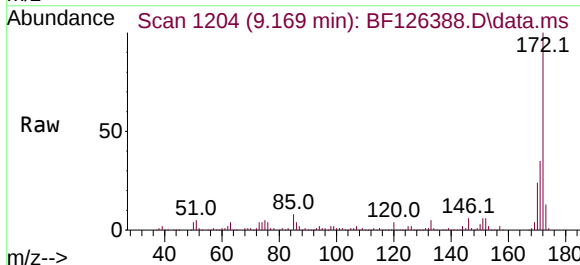


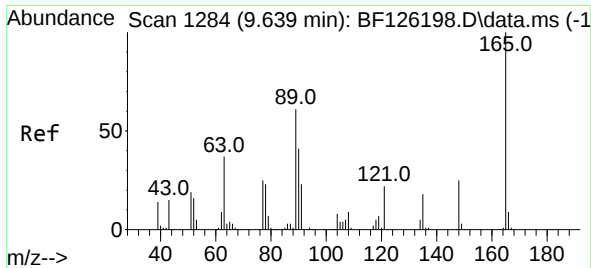
Tgt Ion: 330 Resp: 207409
Ion Ratio Lower Upper
330 100
332 94.8 76.2 114.4
141 34.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 71.861 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.012 min
Lab File: BF126388.D
Acq: 28 Dec 2021 18:45

Tgt Ion: 172 Resp: 880739
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 23.6 18.8 28.2

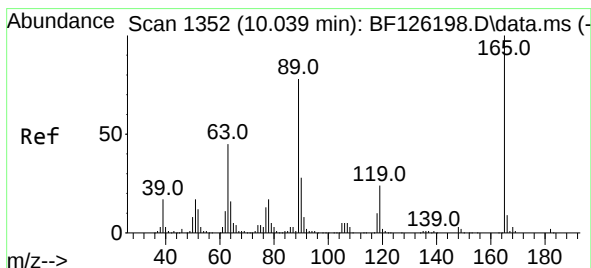
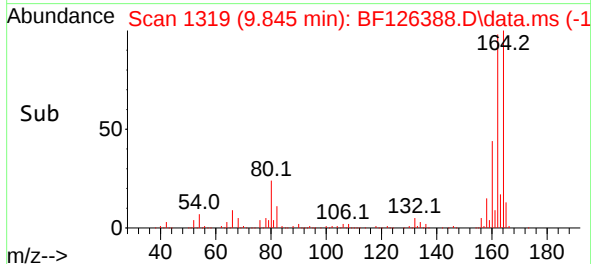
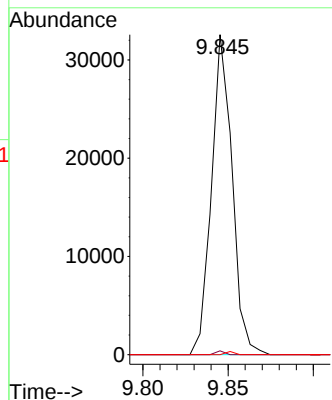
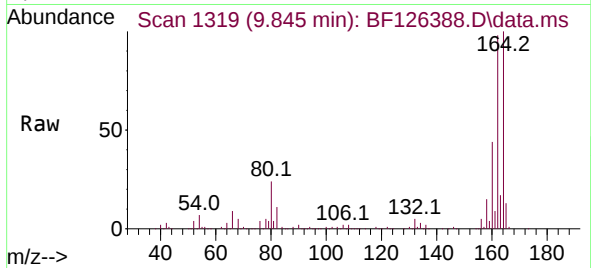




#51
2,6-Dinitrotoluene
Concen: 9.304 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF126388.D
Acq: 28 Dec 2021 18:45

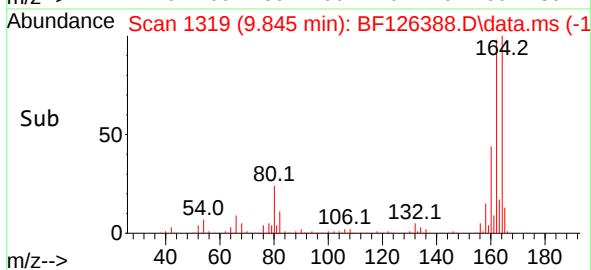
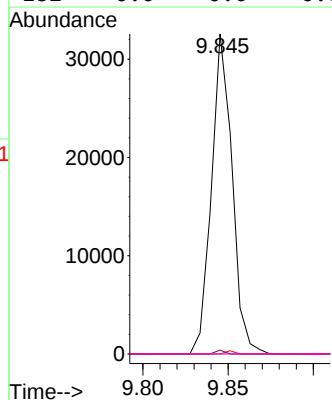
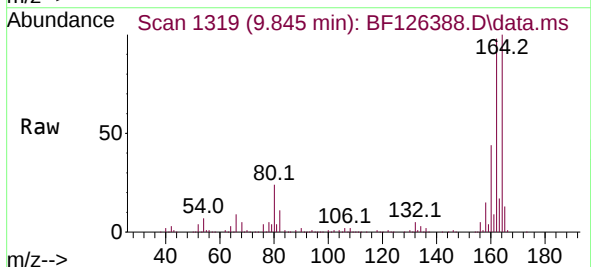
Instrument :
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ClientSampleId :
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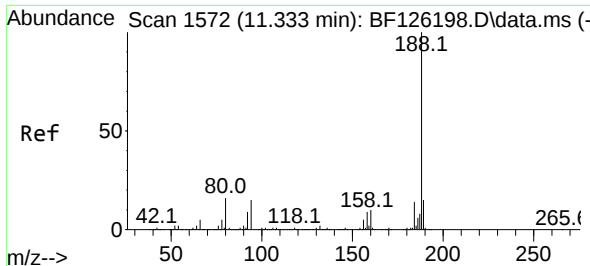
Tgt Ion:165 Resp: 27421
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.294 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.194 min
Lab File: BF126388.D
Acq: 28 Dec 2021 18:45

Tgt Ion:165 Resp: 27421
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

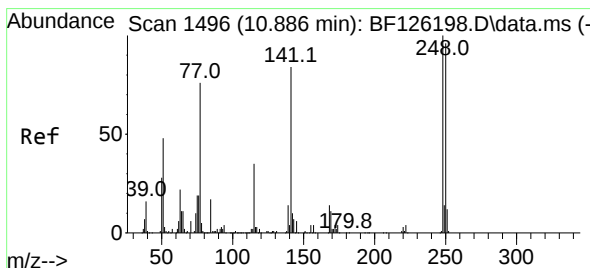
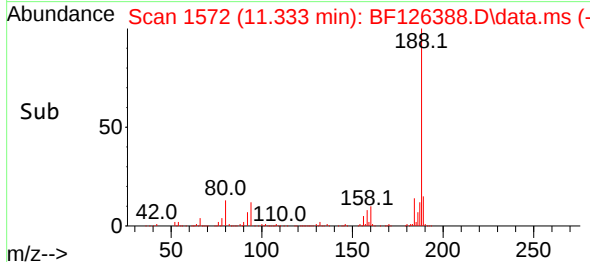
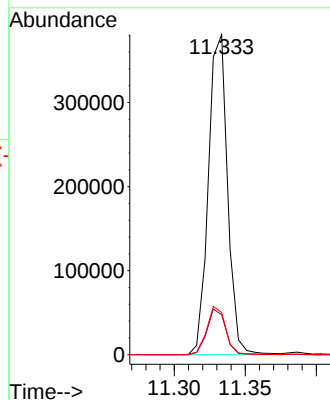
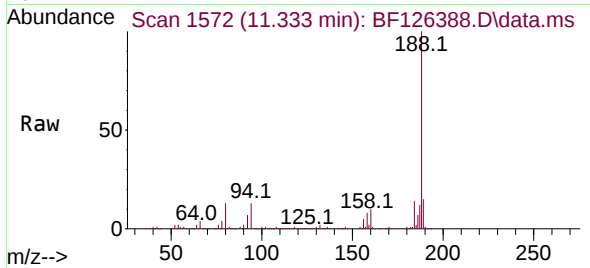




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126388.D
Acq: 28 Dec 2021 18:45

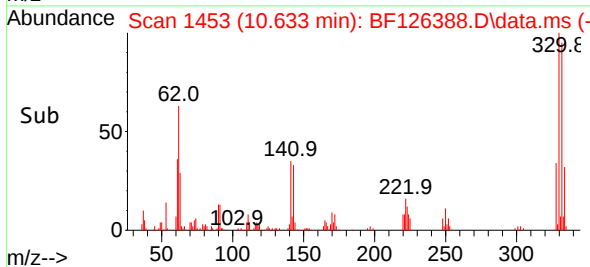
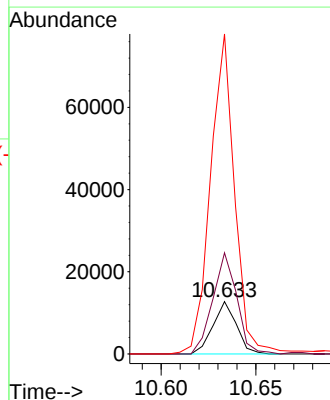
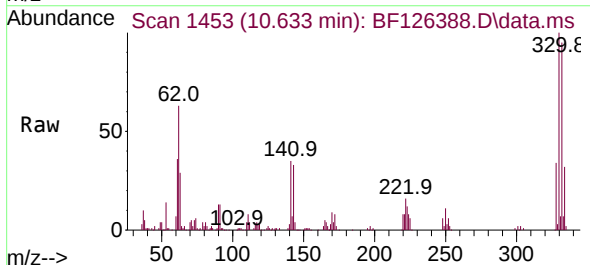
Instrument :
BNA_F
ClientSampleId :
DB-4-(33-35)-12-22-21

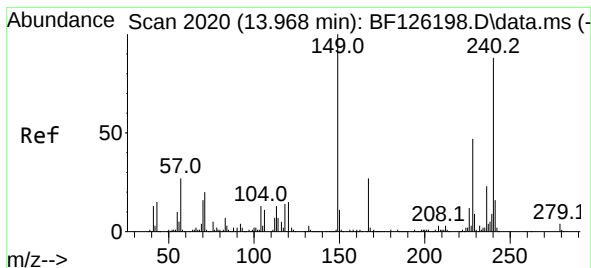
Tgt Ion:188 Resp: 357940
Ion Ratio Lower Upper
188 100
94 12.5 6.7 10.1#
80 13.2 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 3.266 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.253 min
Lab File: BF126388.D
Acq: 28 Dec 2021 18:45

Tgt Ion:248 Resp: 10970
Ion Ratio Lower Upper
248 100
250 193.3 74.2 111.4#
141 611.3 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: BF126388.D

Acq: 28 Dec 2021 18:45

Instrument :

BNA_F

ClientSampleId :

DB-4-(33-35)-12-22-21

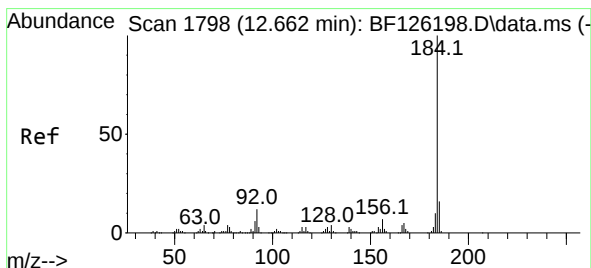
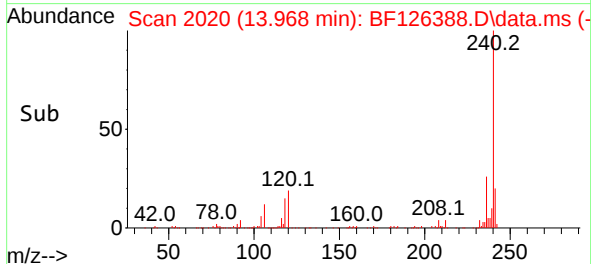
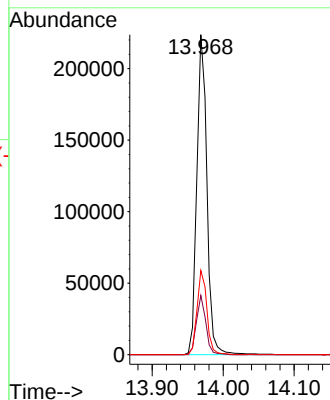
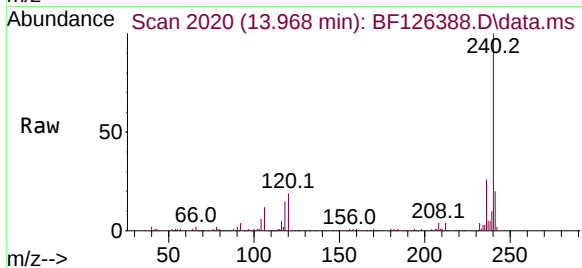
Tgt Ion:240 Resp: 222701

Ion Ratio Lower Upper

240 100

120 18.5 10.8 16.2#

236 26.3 21.6 32.4



#77

Benidine

Concen: 2.341 ng

RT: 12.922 min Scan# 1842

Delta R.T. 0.247 min

Lab File: BF126388.D

Acq: 28 Dec 2021 18:45

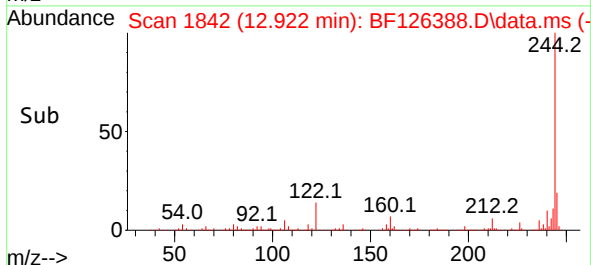
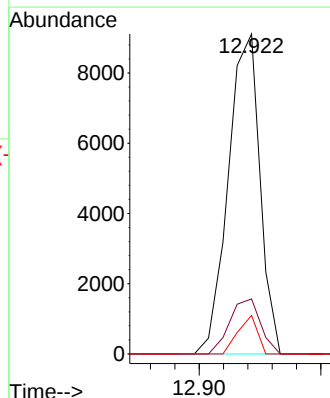
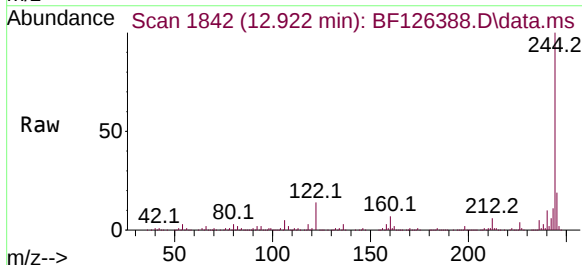
Tgt Ion:184 Resp: 8219

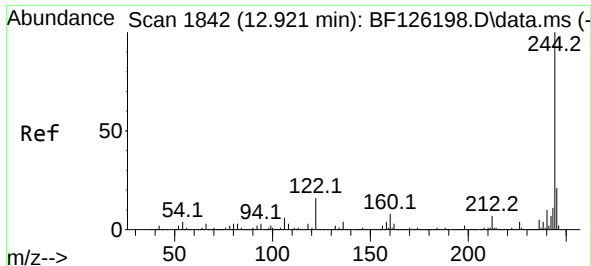
Ion Ratio Lower Upper

184 100

185 17.2 10.8 16.2#

183 12.1 8.1 12.1

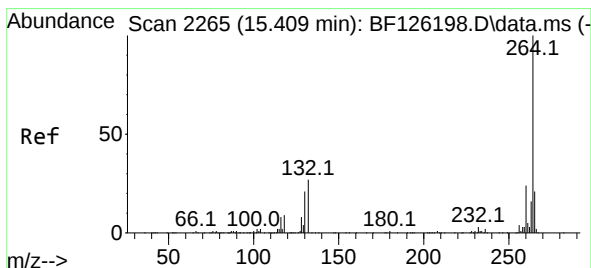
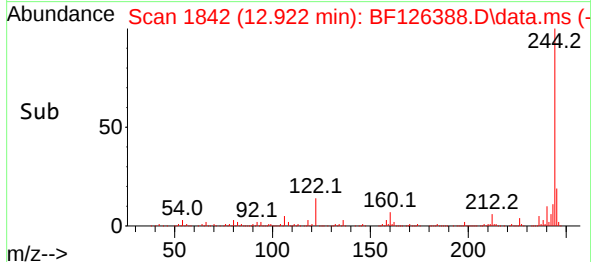
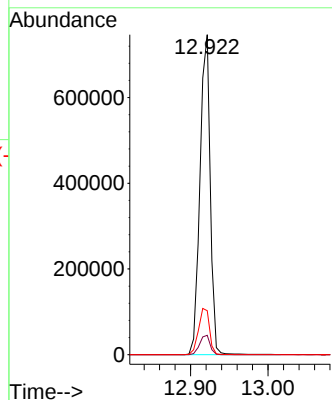
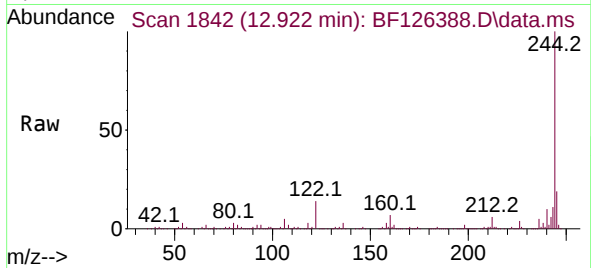




#79
 Terphenyl-d14
 Concen: 53.549 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF126388.D
 Acq: 28 Dec 2021 18:45

Instrument :
 BNA_F
 ClientSampleId :
 DB-4-(33-35)-12-22-21

Tgt Ion:244 Resp: 686110
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.9 8.9
 122 13.8 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. -0.012 min
 Lab File: BF126388.D
 Acq: 28 Dec 2021 18:45

Tgt Ion:264 Resp: 188333
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.6 29.4
 265 20.5 17.2 25.8

