

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110124\
 Data File : BF140208.D
 Acq On : 01 Nov 2024 14:00
 Operator : RC/JU
 Sample : P4663-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 14:53:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

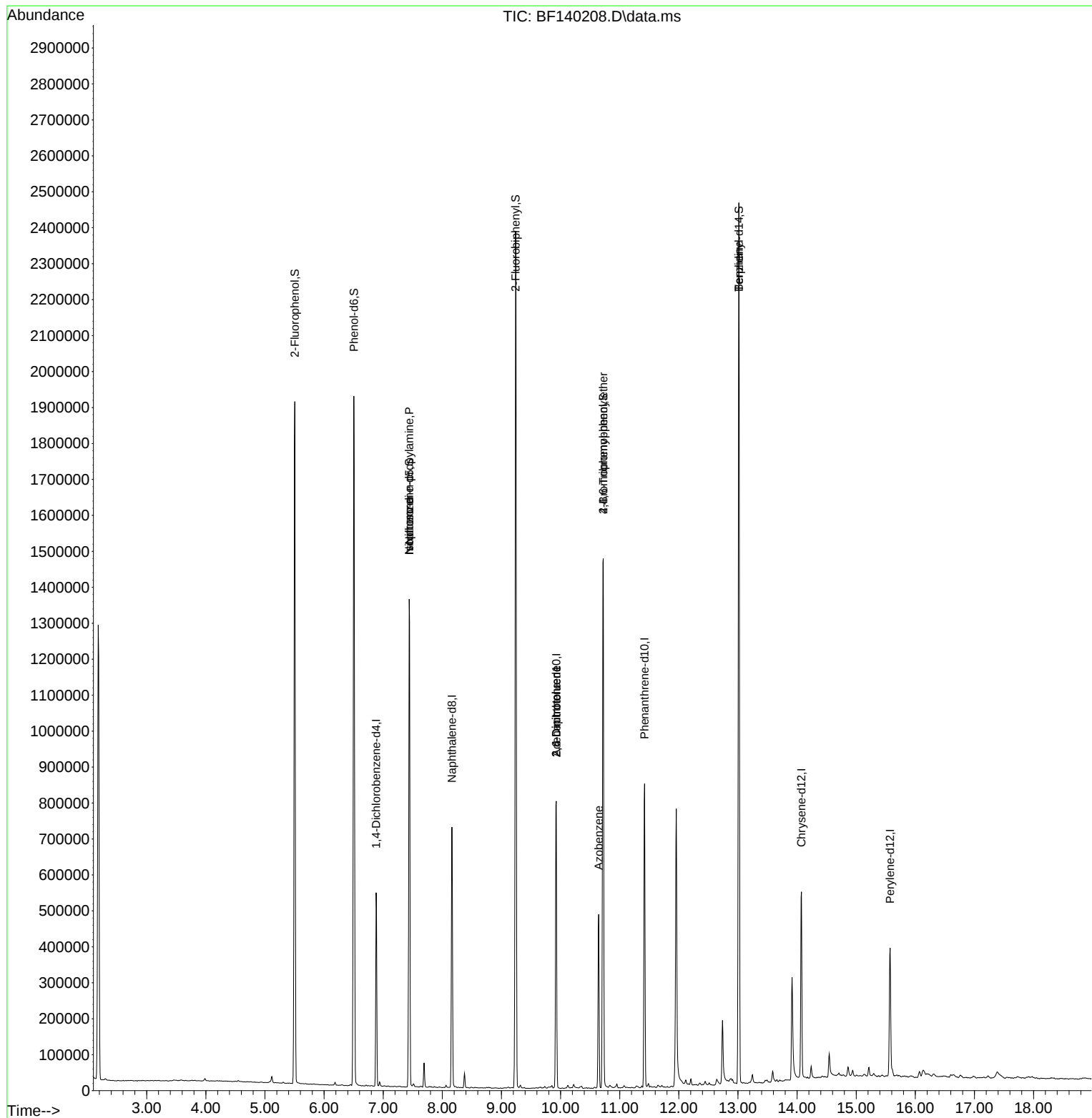
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	105943	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	422510	20.000	ng	-0.01
39) Acenaphthene-d10	9.927	164	242556	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	447541	20.000	ng	0.00
76) Chrysene-d12	14.074	240	249474	20.000	ng	0.02
86) Perylene-d12	15.574	264	218114	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	686919	101.504	ng	0.00
7) Phenol-d6	6.504	99	886554	101.148	ng	0.00
23) Nitrobenzene-d5	7.439	82	607199	79.651	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	253967	111.939	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1101325	75.041	ng	-0.01
79) Terphenyl-d14	13.015	244	1224403	79.974	ng	0.02
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.439	70	83512	15.710	ng	# 80
25) Isophorone	7.439	82	604183	41.757	ng	# 67
51) 2,6-Dinitrotoluene	9.927	165	31104	9.508	ng	# 21
57) 2,4-Dinitrotoluene	9.927	165	31104	7.732	ng	# 21
63) Azobenzene	10.645	77	126072	8.017	ng	# 1
67) 4-Bromophenyl-phenylether	10.722	248	16549	3.589	ng	# 1
77) Benzidine	13.015	184	16381	3.993	ng	# 93

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

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Misc :
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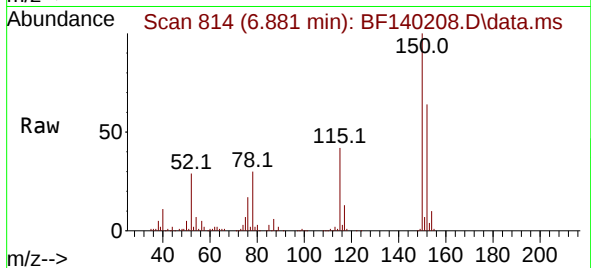
Quant Time: Nov 01 14:53:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
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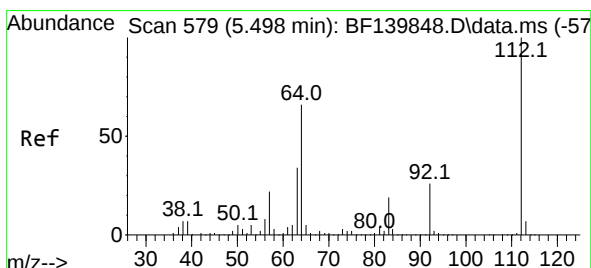
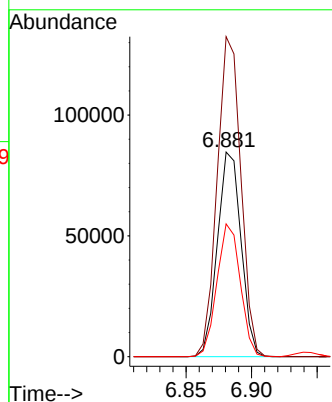
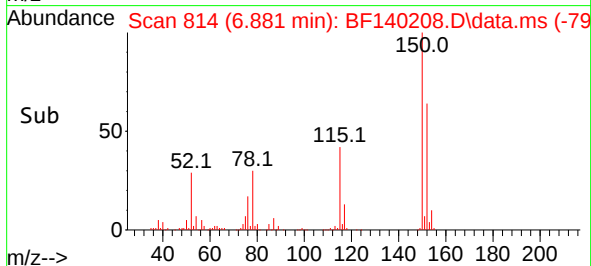


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.011 min
Lab File: BF140208.D
Acq: 01 Nov 2024 14:00

Instrument :
BNA_F
ClientSampleId :

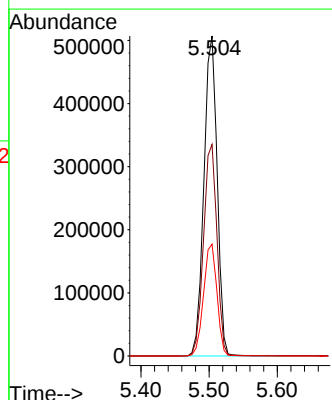
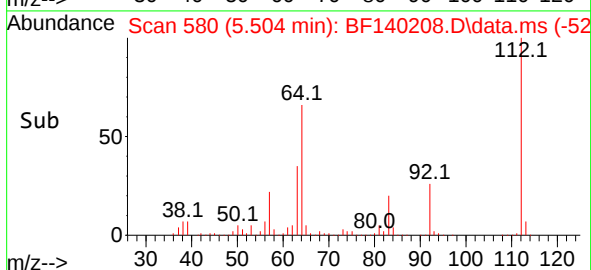
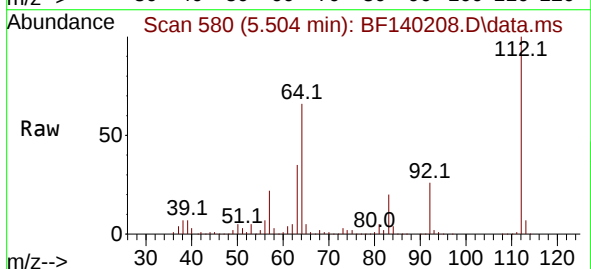


Tgt Ion:152 Resp: 105943
Ion Ratio Lower Upper
152 100
150 156.4 130.2 195.2
115 64.9 51.4 77.2



#5
2-Fluorophenol
Concen: 101.504 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140208.D
Acq: 01 Nov 2024 14:00

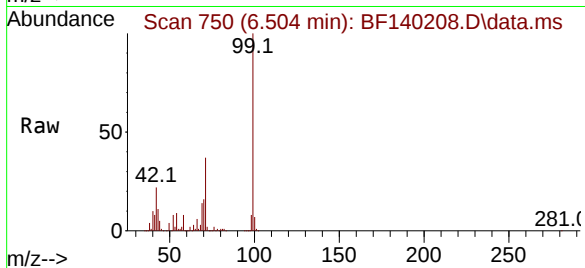
Tgt Ion:112 Resp: 686919
Ion Ratio Lower Upper
112 100
64 66.1 53.0 79.6
63 35.0 27.0 40.4



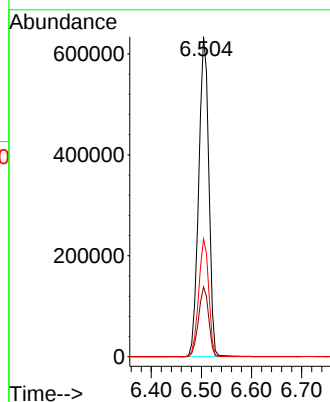
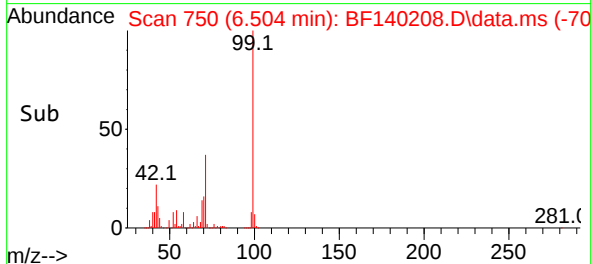


#7
Phenol-d6
Concen: 101.148 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140208.D
Acq: 01 Nov 2024 14:00

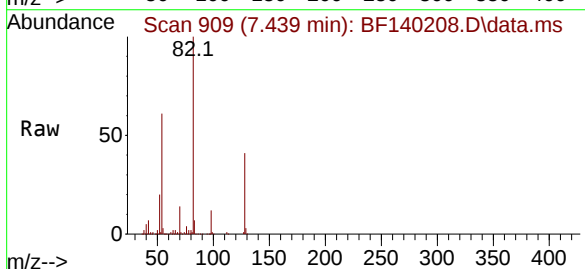
Instrument :
BNA_F
ClientSampleId :



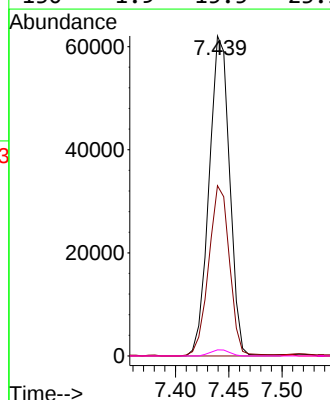
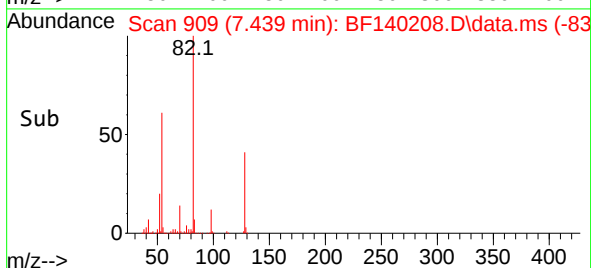
Tgt Ion: 99 Resp: 886554
Ion Ratio Lower Upper
99 100
42 21.8 16.7 25.1
71 36.8 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.710 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.135 min
Lab File: BF140208.D
Acq: 01 Nov 2024 14:00



Tgt Ion: 70 Resp: 83512
Ion Ratio Lower Upper
70 100
42 53.2 51.5 77.3
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#





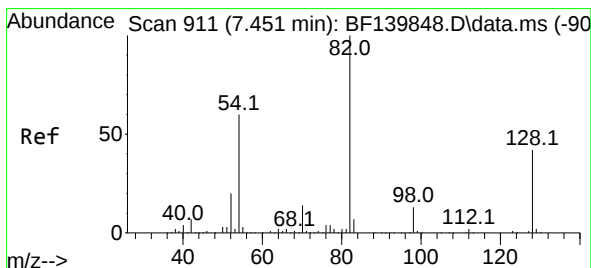
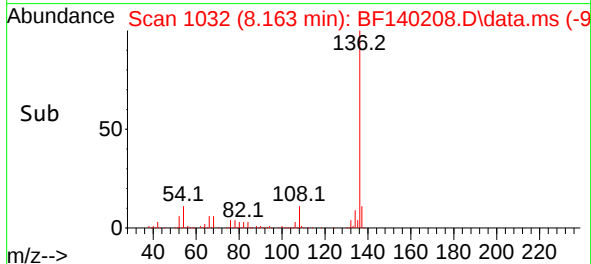
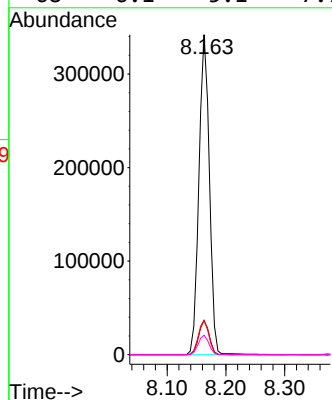
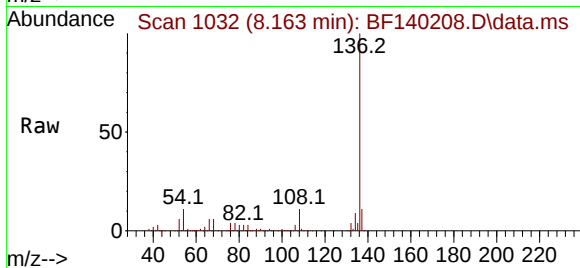
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF140208.D
Acq: 01 Nov 2024 14:00

Instrument :

BNA_F

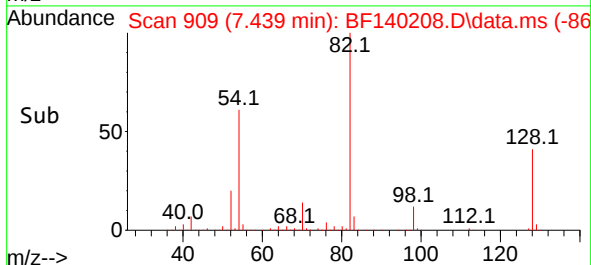
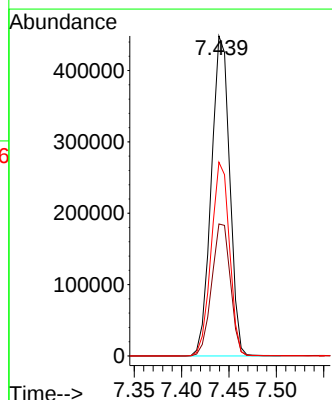
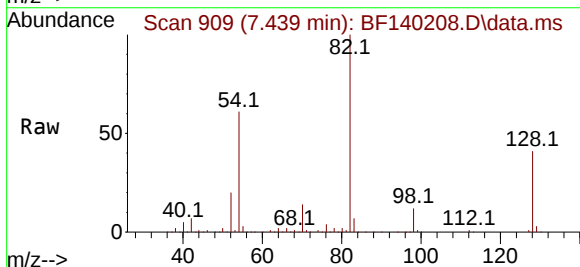
ClientSampleId :

Tgt Ion:136 Resp: 422510
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 10.7 8.4 12.6
68 6.1 5.1 7.7



#23
Nitrobenzene-d5
Concen: 79.651 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140208.D
Acq: 01 Nov 2024 14:00

Tgt Ion: 82 Resp: 607199
Ion Ratio Lower Upper
82 100
128 41.2 33.4 50.0
54 60.5 47.8 71.8

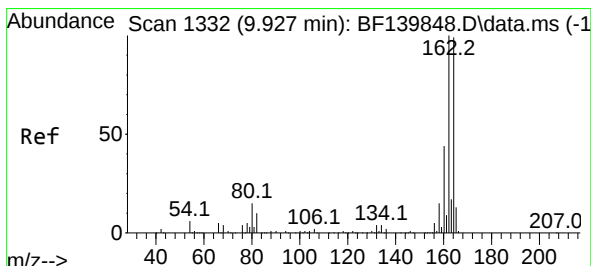
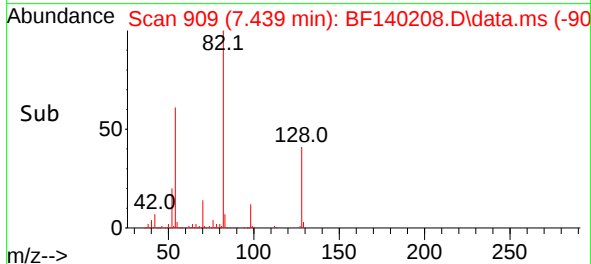
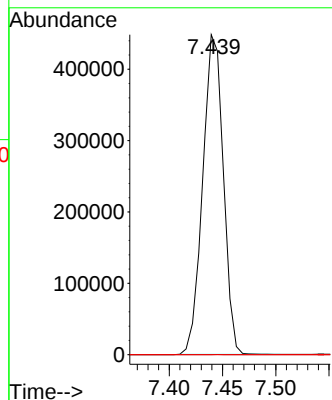
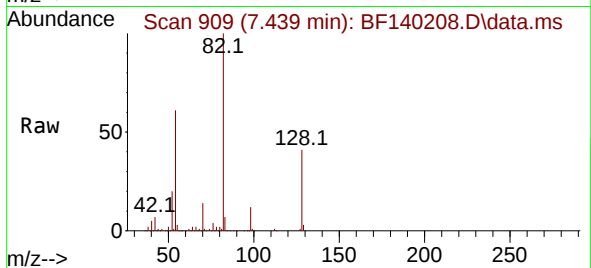




#25
Isophorone
Concen: 41.757 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.271 min
Lab File: BF140208.D
Acq: 01 Nov 2024 14:00

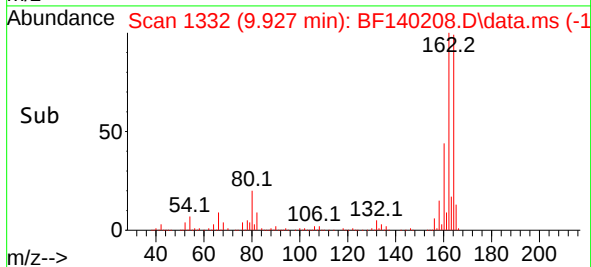
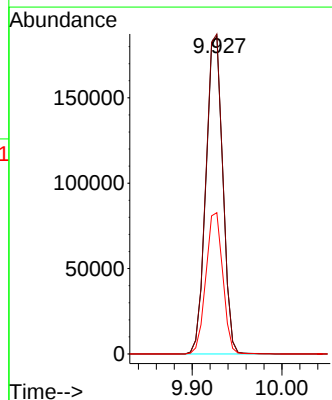
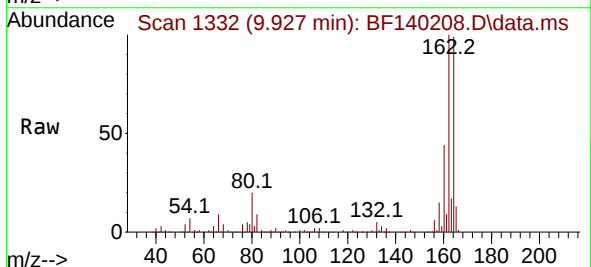
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 604183
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF140208.D
Acq: 01 Nov 2024 14:00

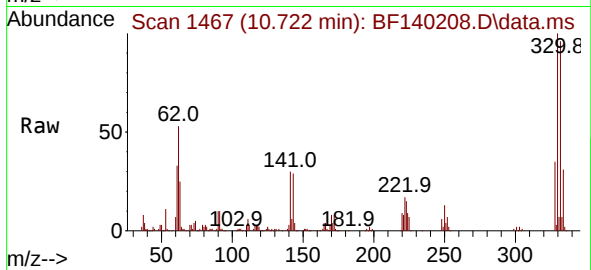
Tgt Ion: 164 Resp: 242556
Ion Ratio Lower Upper
164 100
162 100.6 81.0 121.4
160 44.4 35.4 53.0



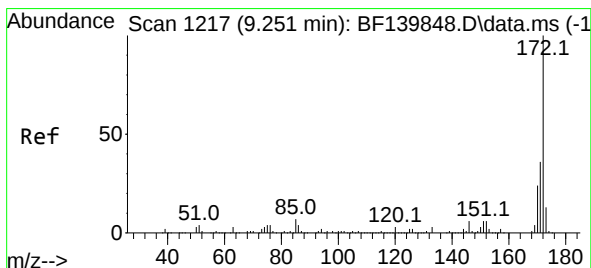
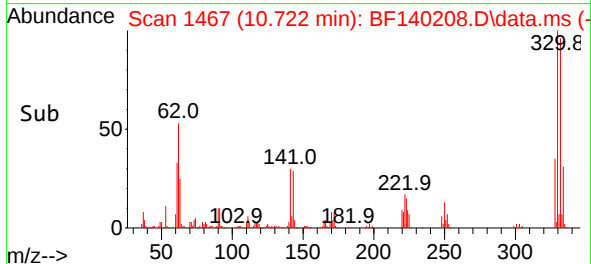
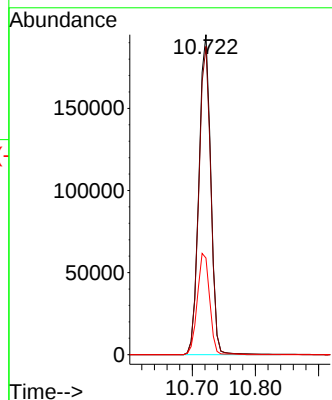


#42
2,4,6-Tribromophenol
Concen: 111.939 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF140208.D
Acq: 01 Nov 2024 14:00

Instrument :
BNA_F
ClientSampleId :

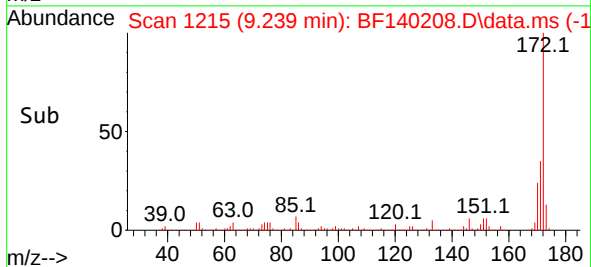
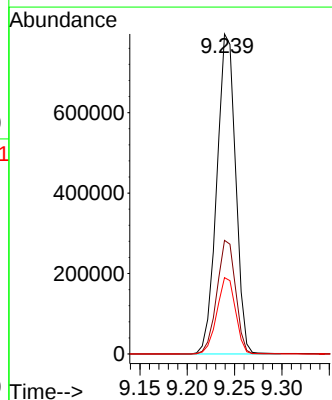
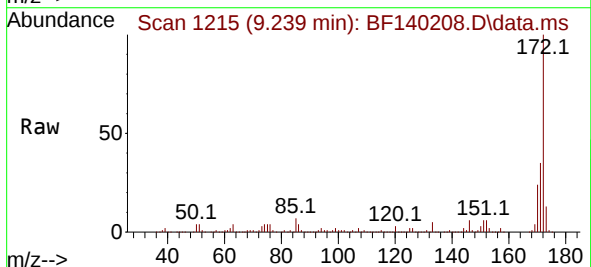


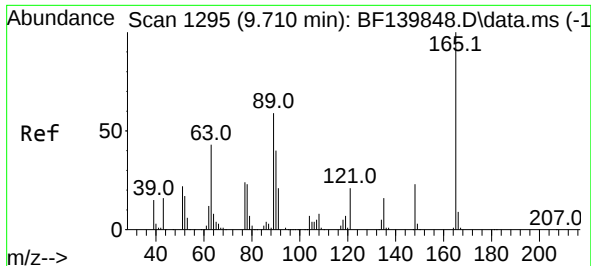
Tgt Ion:330 Resp: 253967
Ion Ratio Lower Upper
330 100
332 96.8 78.1 117.1
141 32.7 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 75.041 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF140208.D
Acq: 01 Nov 2024 14:00

Tgt Ion:172 Resp: 1101325
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.8 19.1 28.7

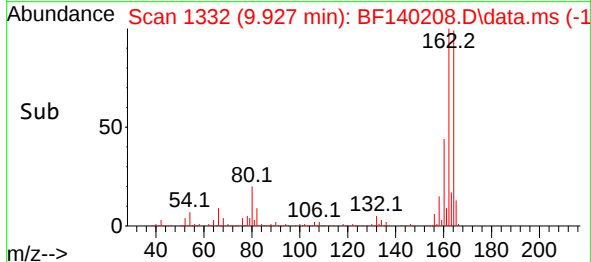
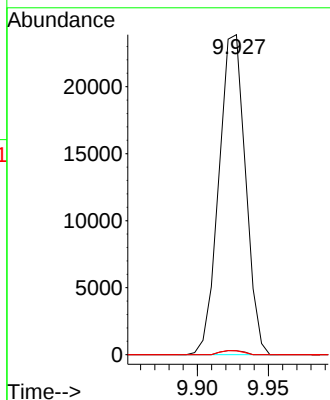
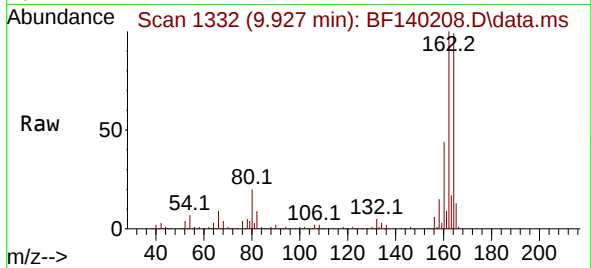




#51
2,6-Dinitrotoluene
Concen: 9.508 ng
RT: 9.927 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF140208.D
Acq: 01 Nov 2024 14:00

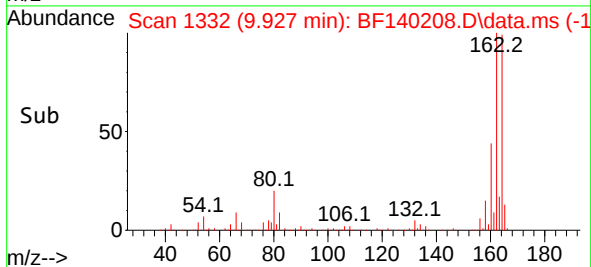
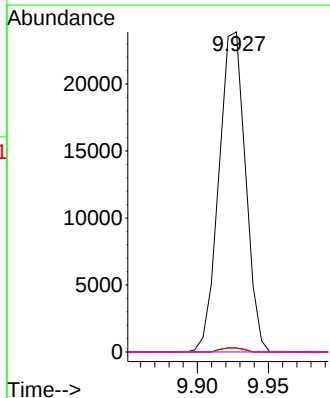
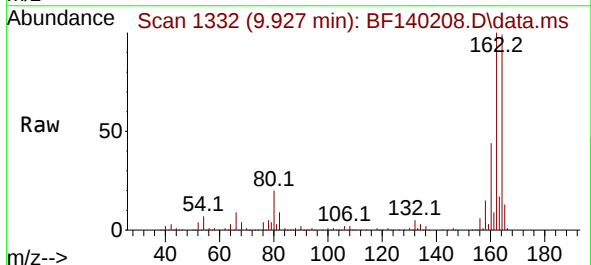
Instrument :
BNA_F
ClientSampleId :

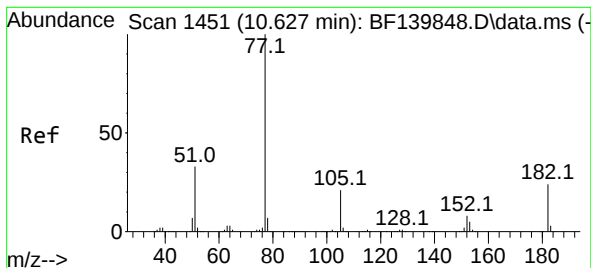
Tgt Ion:165 Resp: 31104
Ion Ratio Lower Upper
165 100
63 1.3 50.6 75.8#
89 1.2 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.732 ng
RT: 9.927 min Scan# 1332
Delta R.T. -0.182 min
Lab File: BF140208.D
Acq: 01 Nov 2024 14:00

Tgt Ion:165 Resp: 31104
Ion Ratio Lower Upper
165 100
63 1.3 40.1 60.1#
89 1.2 60.4 90.6#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 8.017 ng

RT: 10.645 min Scan# 1454

Delta R.T. 0.018 min

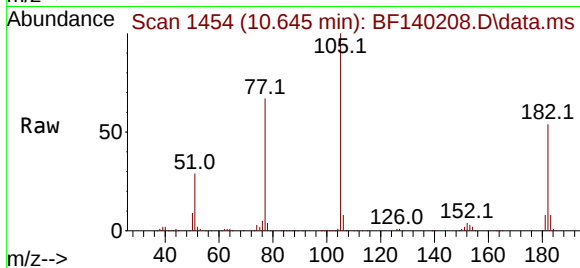
Lab File: BF140208.D

Acq: 01 Nov 2024 14:00

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 126072

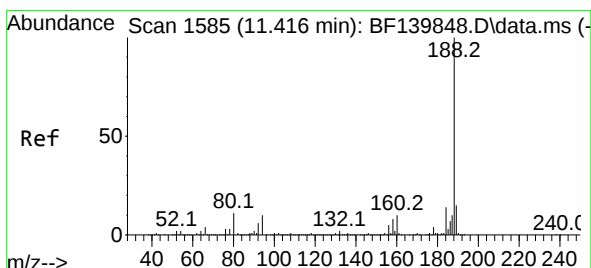
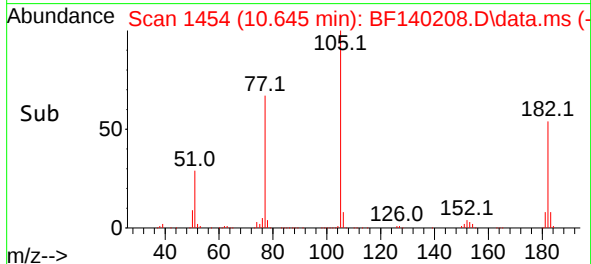
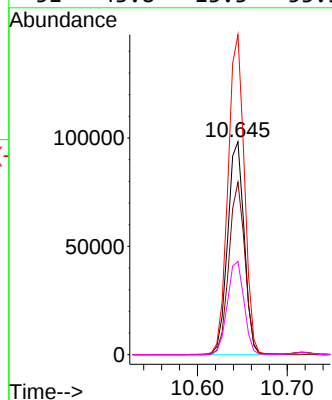
Ion Ratio Lower Upper

77 100

182 81.1 3.3 43.3#

105 150.3 1.2 41.2#

51 43.8 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.421 min Scan# 1586

Delta R.T. 0.006 min

Lab File: BF140208.D

Acq: 01 Nov 2024 14:00

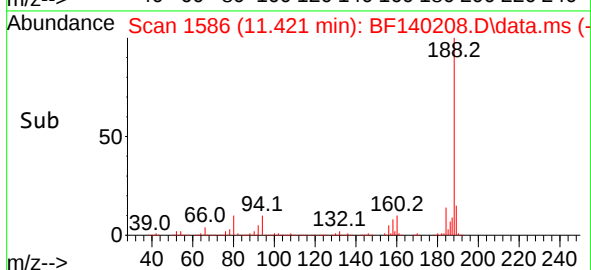
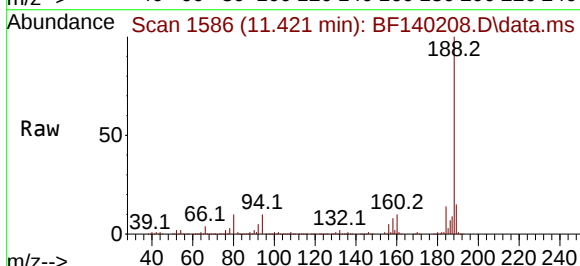
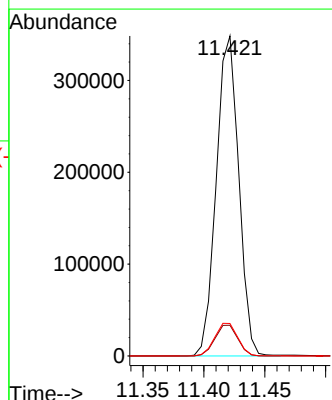
Tgt Ion: 188 Resp: 447541

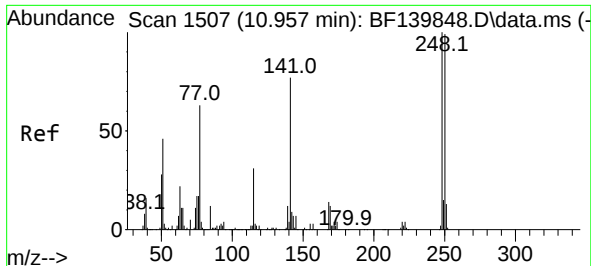
Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

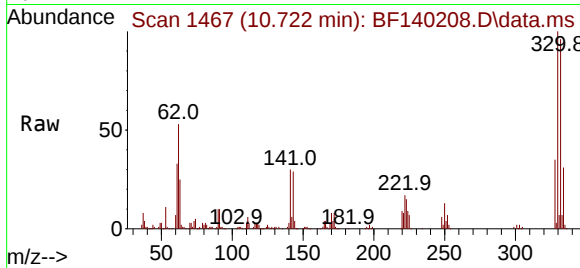
80 10.2 9.0 13.4



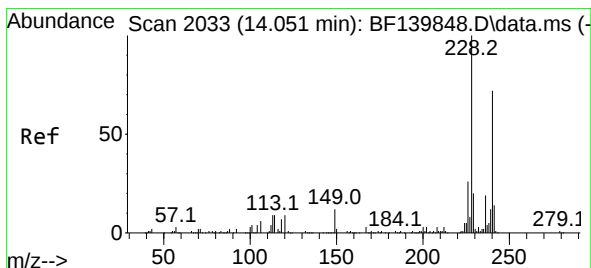
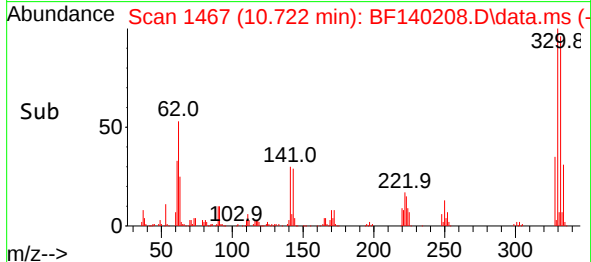
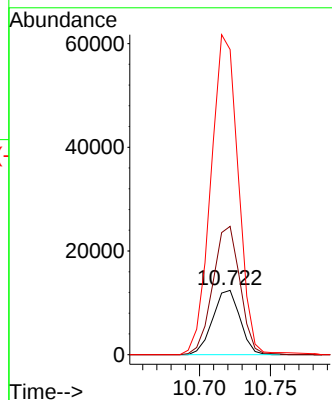


#67
4-Bromophenyl-phenylether
Concen: 3.589 ng
RT: 10.722 min Scan# 14
Delta R.T. -0.235 min
Lab File: BF140208.D
Acq: 01 Nov 2024 14:00

Instrument :
BNA_F
ClientSampleId :

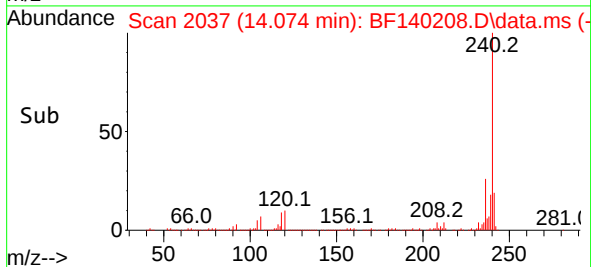
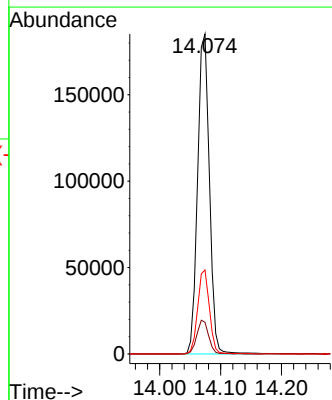
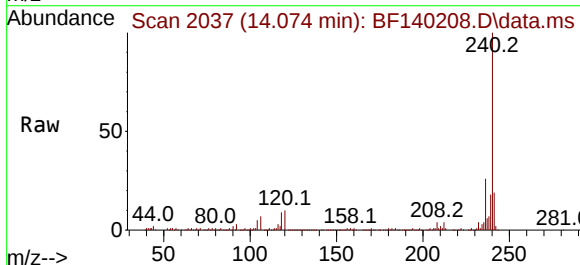


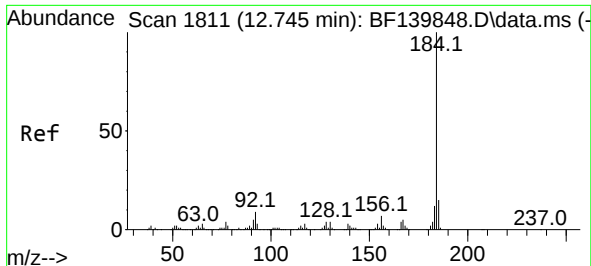
Tgt Ion:248 Resp: 16549
Ion Ratio Lower Upper
248 100
250 199.4 79.0 118.6#
141 474.0 61.7 92.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2037
Delta R.T. 0.024 min
Lab File: BF140208.D
Acq: 01 Nov 2024 14:00

Tgt Ion:240 Resp: 249474
Ion Ratio Lower Upper
240 100
120 9.9 9.4 14.2
236 26.2 20.9 31.3

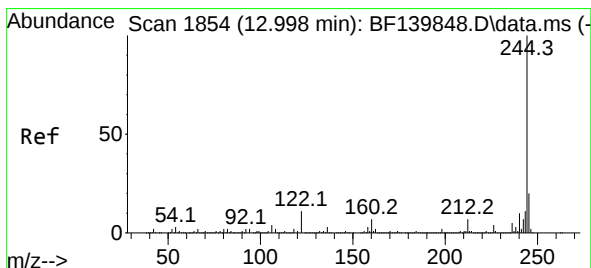
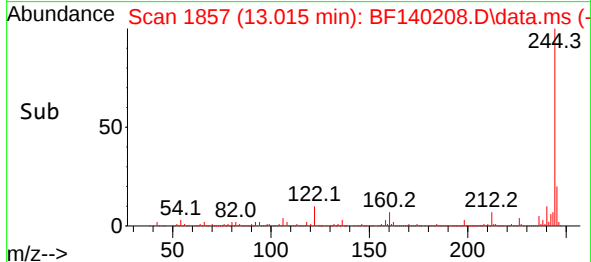
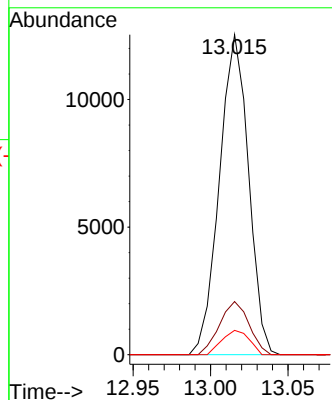
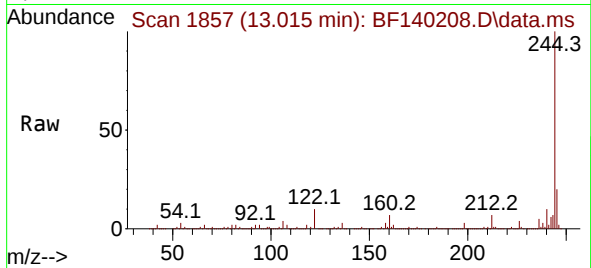




#77
Benzidine
Concen: 3.993 ng
RT: 13.015 min Scan# 1857
Delta R.T. 0.270 min
Lab File: BF140208.D
Acq: 01 Nov 2024 14:00

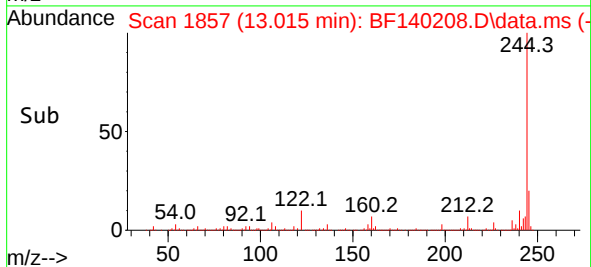
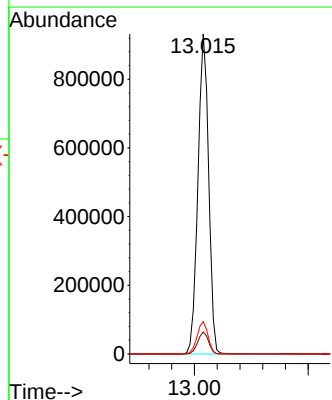
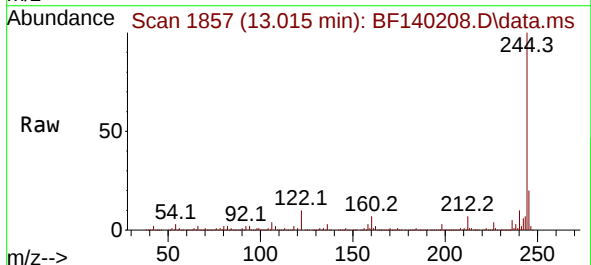
Instrument :
BNA_F
ClientSampleId :

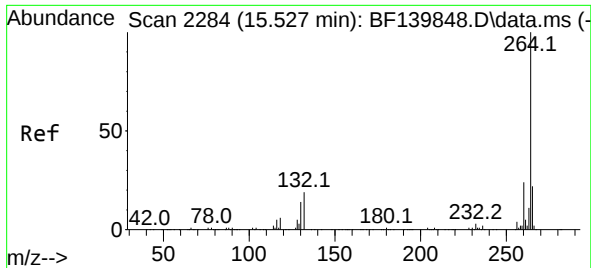
Tgt Ion:184 Resp: 16381
Ion Ratio Lower Upper
184 100
185 16.6 12.0 18.0
183 7.6 9.4 14.2#



#79
Terphenyl-d14
Concen: 79.974 ng
RT: 13.015 min Scan# 1857
Delta R.T. 0.018 min
Lab File: BF140208.D
Acq: 01 Nov 2024 14:00

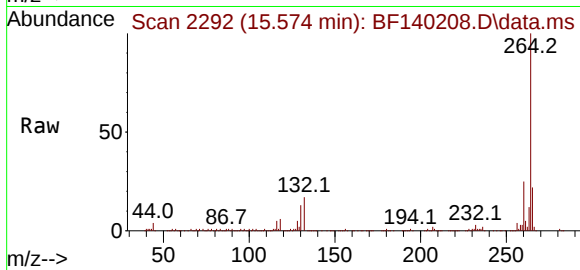
Tgt Ion:244 Resp: 1224403
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 10.1 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 21
Delta R.T. 0.047 min
Lab File: BF140208.D
Acq: 01 Nov 2024 14:00

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 218114
Ion Ratio Lower Upper
264 100
260 24.8 19.4 29.2
265 21.7 17.4 26.0

