

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012724\
 Data File : BF137182.D
 Acq On : 26 Jan 2024 23:16
 Operator : CG\JU
 Sample : PB158491BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158491BL

Quant Time: Jan 27 03:25:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 02:14:33 2024
 Response via : Initial Calibration

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

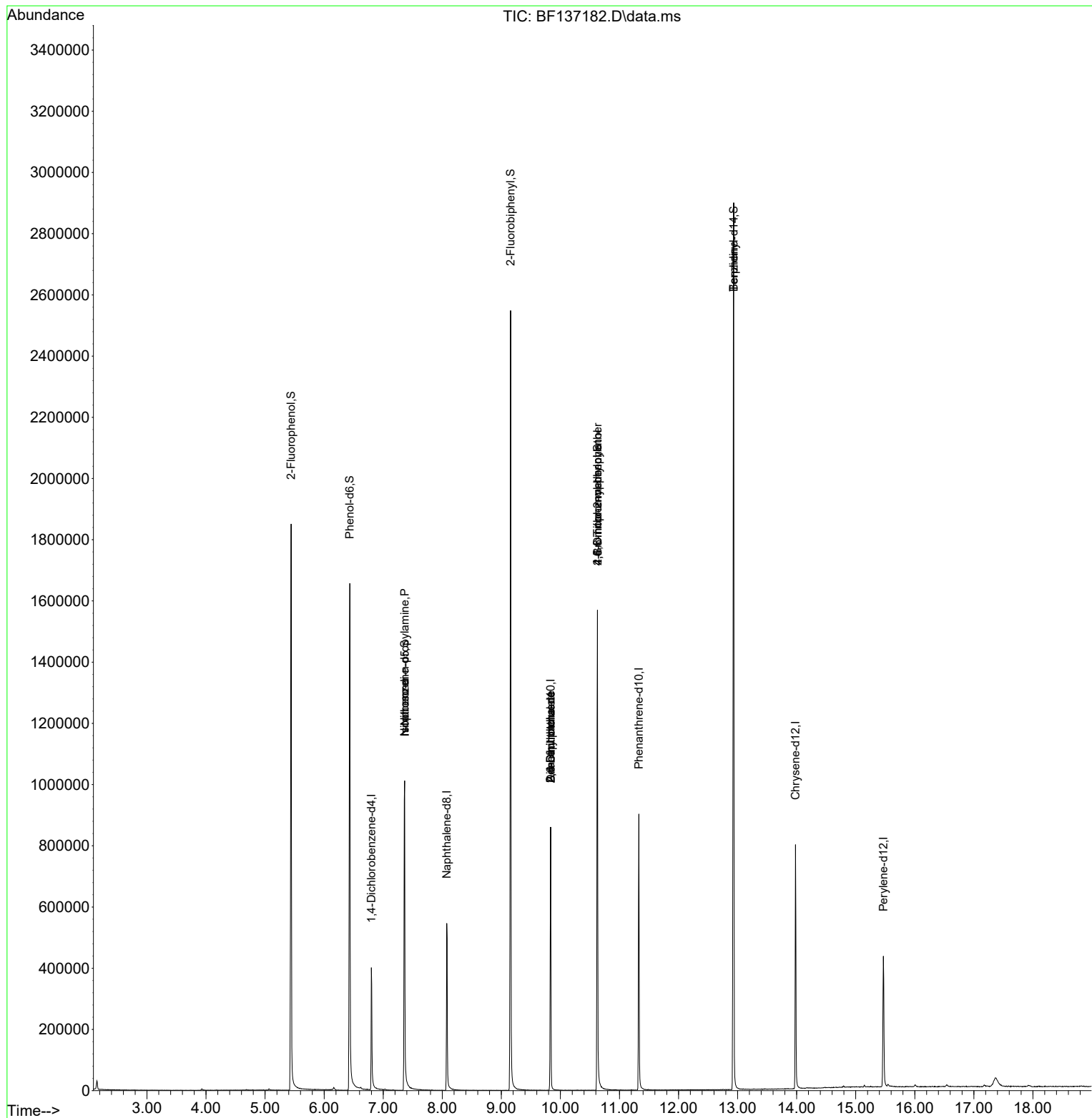
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.799	152	66410	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	274013	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	163889	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	342277	20.000	ng	0.00
76) Chrysene-d12	13.980	240	275718	20.000	ng	0.00
86) Perylene-d12	15.469	264	218773	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	462807	121.072	ng	0.01
7) Phenol-d6	6.434	99	605723	111.043	ng	0.00
23) Nitrobenzene-d5	7.363	82	401745	66.511	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	195897	106.986	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	780027	66.823	ng	0.00
79) Terphenyl-d14	12.934	244	1133961	57.686	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.363	70	54018	13.682	ng	# 76
25) Isophorone	7.363	82	401740	35.578	ng	# 69
50) Dimethylphthalate	9.834	163	29379	2.579	ng	# 1
51) 2,6-Dinitrotoluene	9.834	165	21011	8.945	ng	# 21
57) 2,4-Dinitrotoluene	9.834	165	21011	7.010	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.628	198	473	8.055	ng	# 12
67) 4-Bromophenyl-phenylether	10.628	248	13307	3.533	ng	# 1
77) Benzidine	12.934	184	13925	9.684	ng	# 90

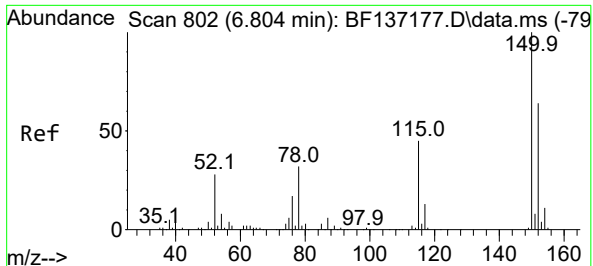
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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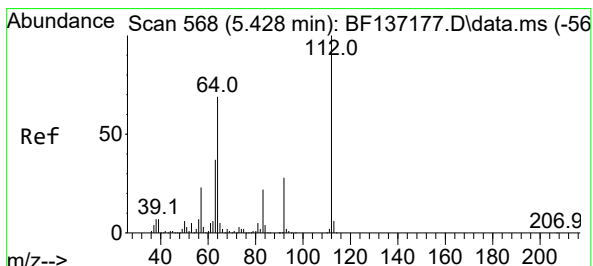
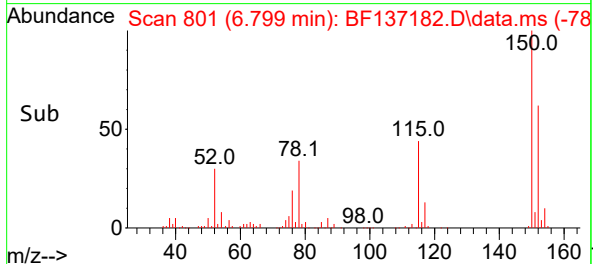
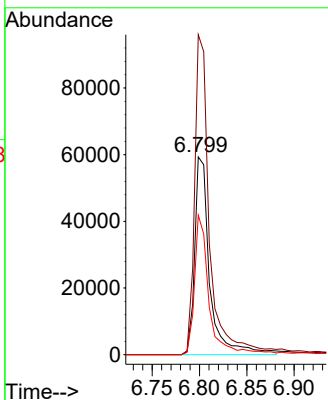
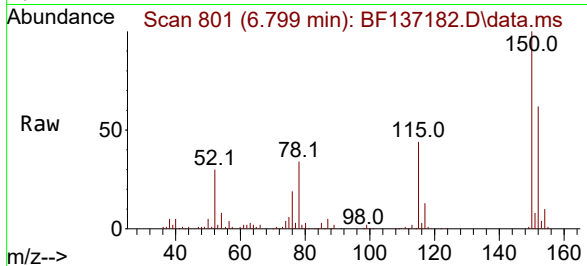




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.799 min Scan# 801
 Delta R.T. -0.005 min
 Lab File: BF137182.D
 Acq: 26 Jan 2024 23:16

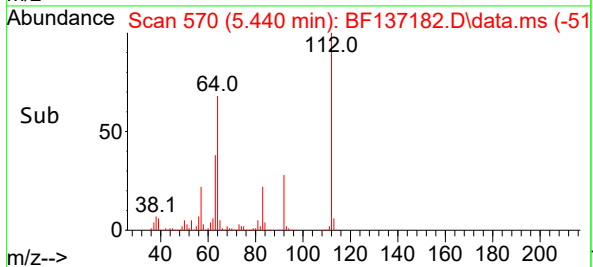
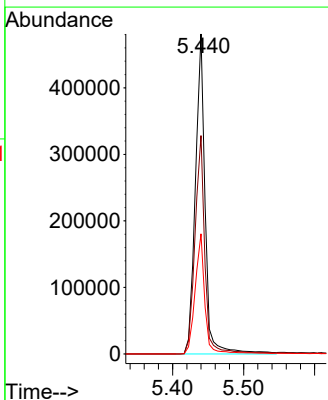
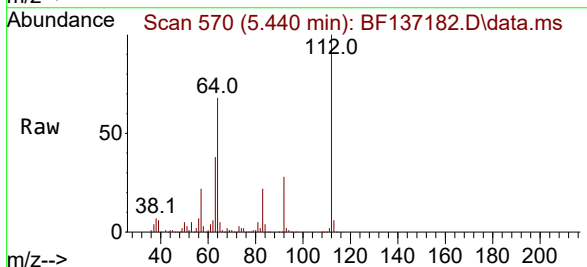
Instrument :
 BNA_F
 ClientSampleId :
 PB158491BL

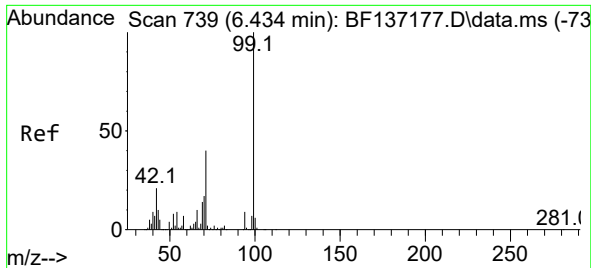
Tgt Ion:152 Resp: 66410
 Ion Ratio Lower Upper
 152 100
 150 161.8 125.6 188.4
 115 70.5 55.9 83.9



#5
 2-Fluorophenol
 Concen: 121.072 ng
 RT: 5.440 min Scan# 570
 Delta R.T. 0.012 min
 Lab File: BF137182.D
 Acq: 26 Jan 2024 23:16

Tgt Ion:112 Resp: 462807
 Ion Ratio Lower Upper
 112 100
 64 68.3 55.5 83.3
 63 37.6 29.8 44.8

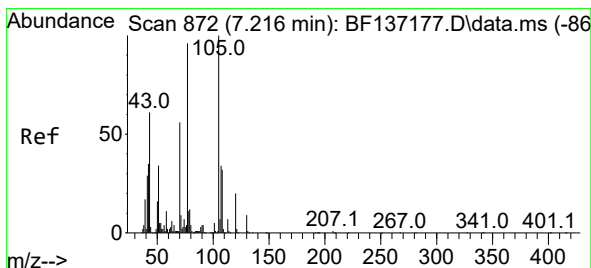
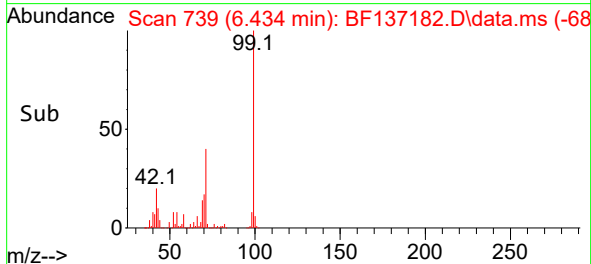
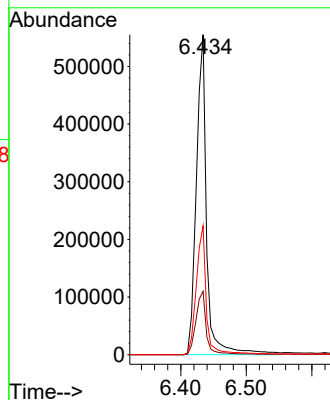
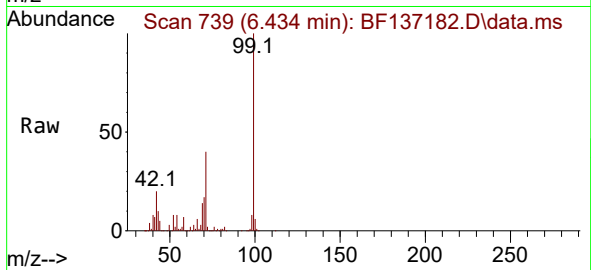




#7
Phenol-d6
Concen: 111.043 ng
RT: 6.434 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137182.D
Acq: 26 Jan 2024 23:16

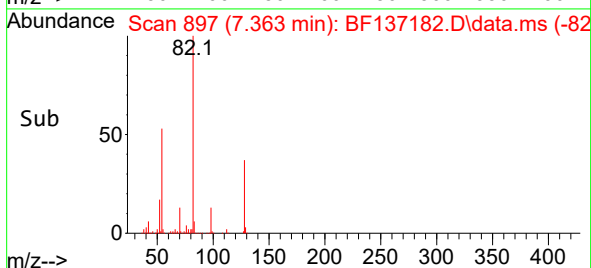
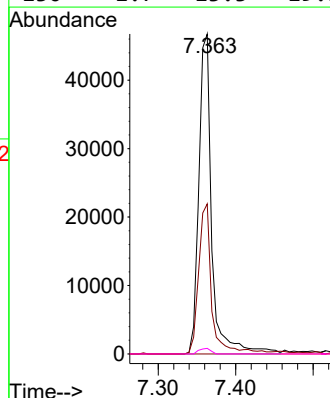
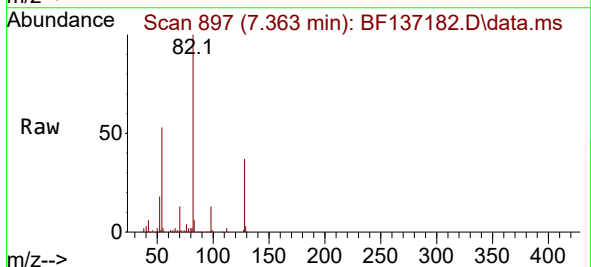
Instrument :
BNA_F
ClientSampleId :
PB158491BL

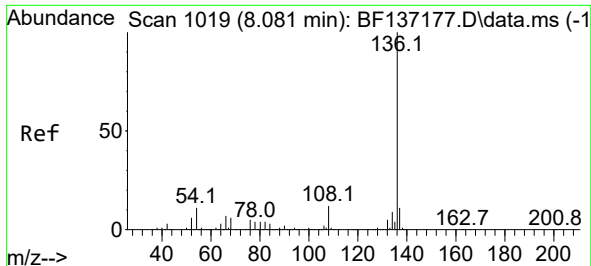
Tgt Ion: 99 Resp: 605723
Ion Ratio Lower Upper
99 100
42 19.8 16.6 25.0
71 40.2 31.8 47.6



#19
n-Nitroso-di-n-propylamine
Concen: 13.682 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.147 min
Lab File: BF137182.D
Acq: 26 Jan 2024 23:16

Tgt Ion: 70 Resp: 54018
Ion Ratio Lower Upper
70 100
42 46.9 50.6 75.8#
101 0.0 7.1 10.7#
130 1.7 13.3 19.9#

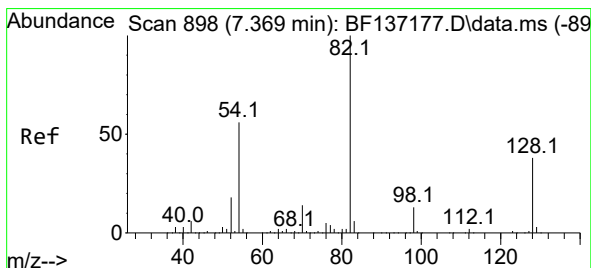
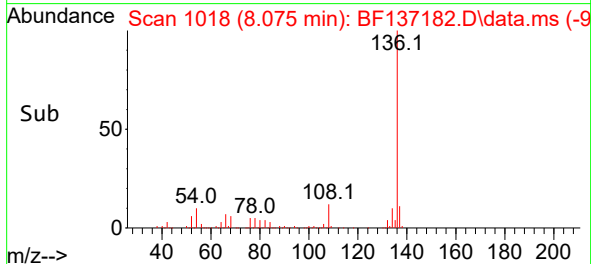
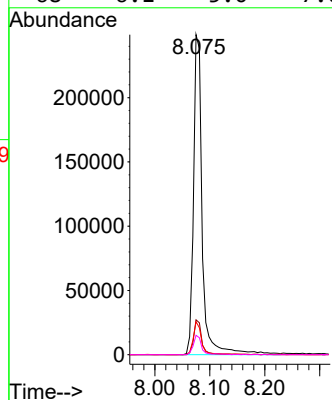
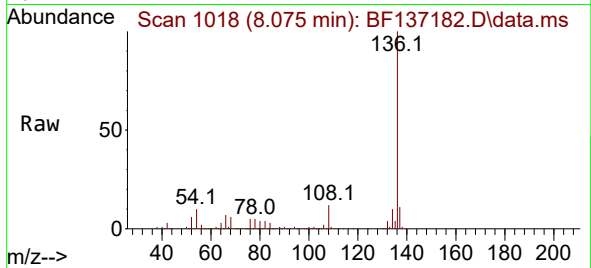




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF137182.D
Acq: 26 Jan 2024 23:16

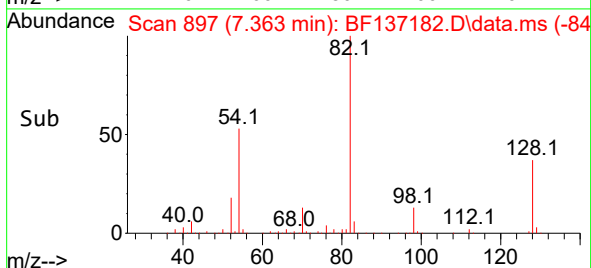
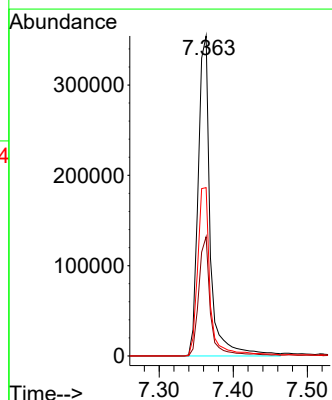
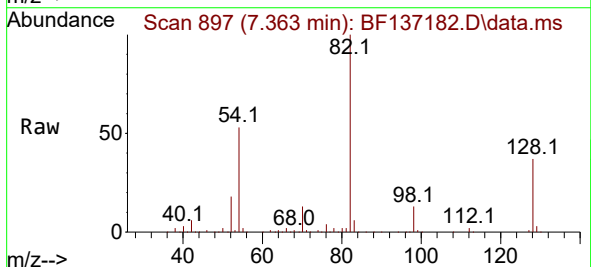
Instrument :
BNA_F
ClientSampleId :
PB158491BL

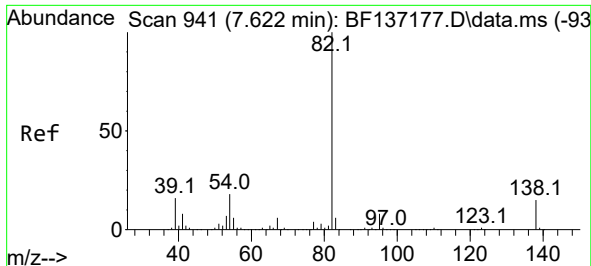
Tgt Ion:136 Resp: 274013
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 10.3 8.7 13.1
68 6.1 5.0 7.6



#23
Nitrobenzene-d5
Concen: 66.511 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF137182.D
Acq: 26 Jan 2024 23:16

Tgt Ion: 82 Resp: 401745
Ion Ratio Lower Upper
82 100
128 37.2 30.3 45.5
54 52.6 44.9 67.3

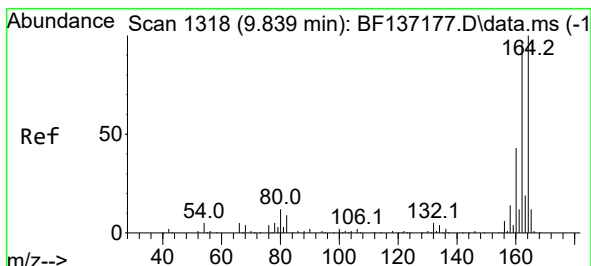
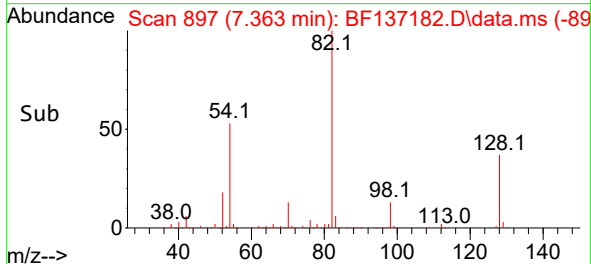
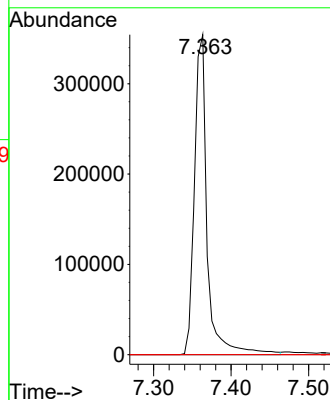
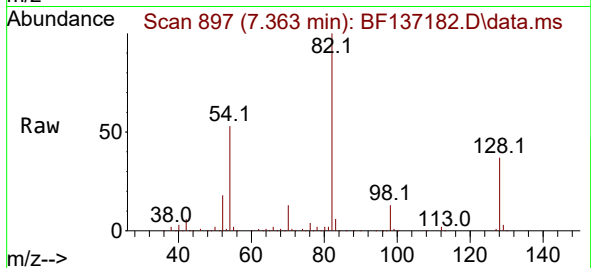




#25
Isophorone
Concen: 35.578 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.258 min
Lab File: BF137182.D
Acq: 26 Jan 2024 23:16

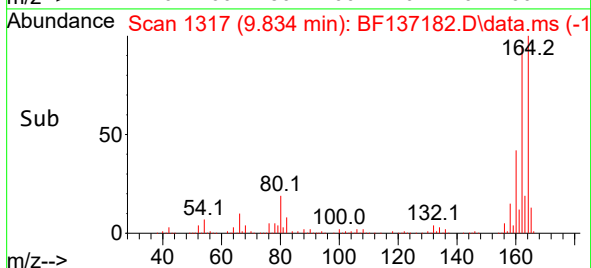
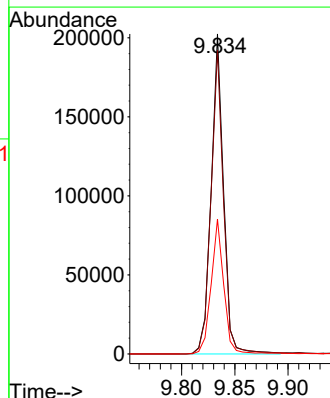
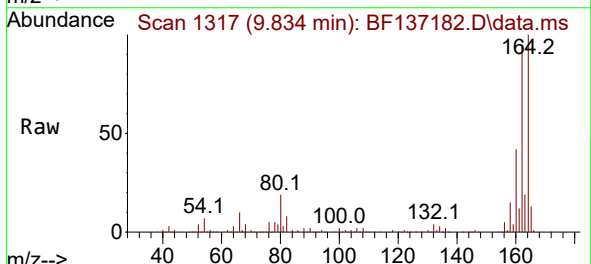
Instrument :
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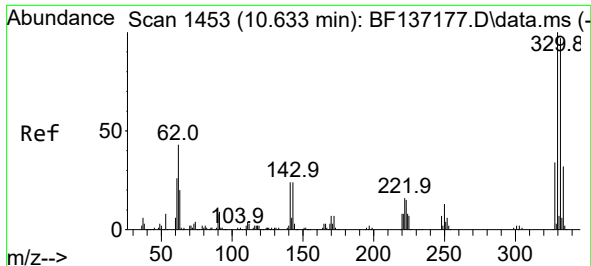
Tgt Ion: 82 Resp: 401740
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF137182.D
Acq: 26 Jan 2024 23:16

Tgt Ion:164 Resp: 163889
Ion Ratio Lower Upper
164 100
162 94.9 77.0 115.4
160 42.2 34.2 51.2

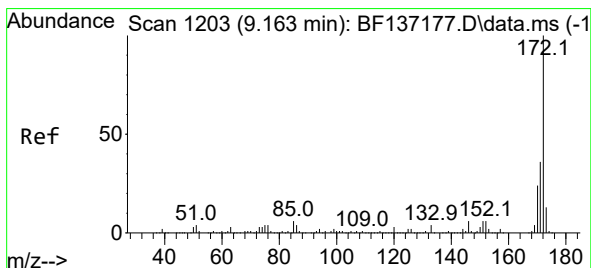
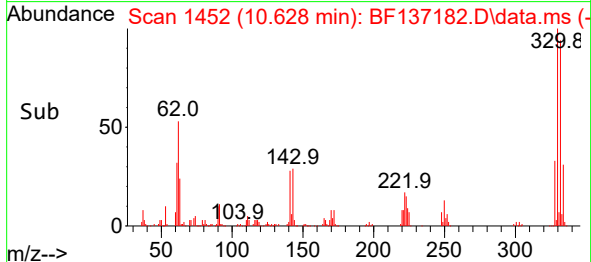
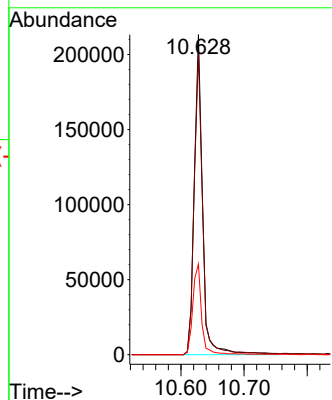
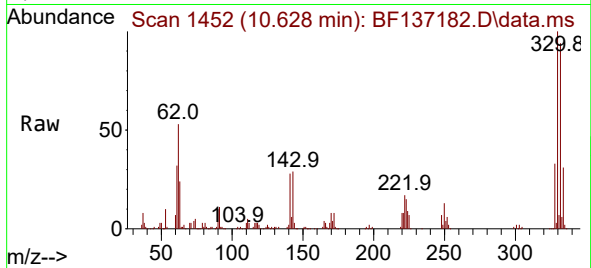




#42
2,4,6-Tribromophenol
Concen: 106.986 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF137182.D
Acq: 26 Jan 2024 23:16

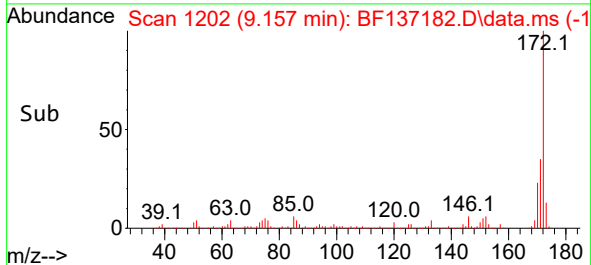
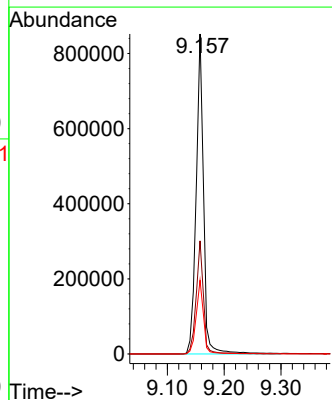
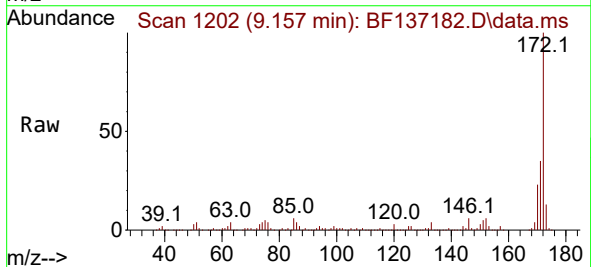
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ClientSampleId :
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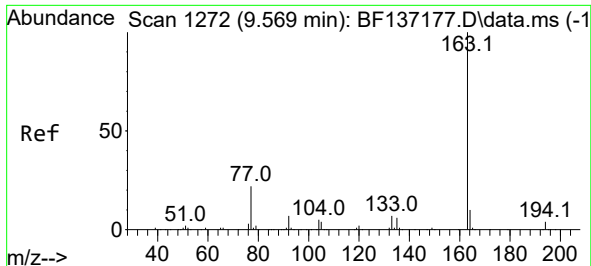
Tgt Ion:330 Resp: 195897
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 30.0 23.7 35.5



#45
2-Fluorobiphenyl
Concen: 66.823 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF137182.D
Acq: 26 Jan 2024 23:16

Tgt Ion:172 Resp: 780027
Ion Ratio Lower Upper
172 100
171 35.4 28.7 43.1
170 23.0 19.2 28.8

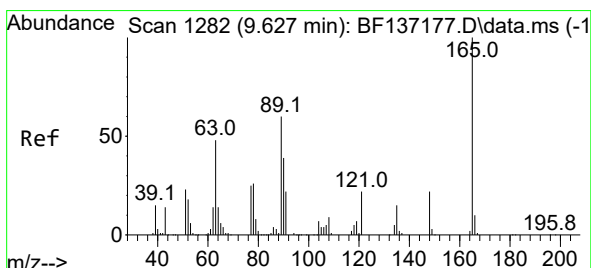
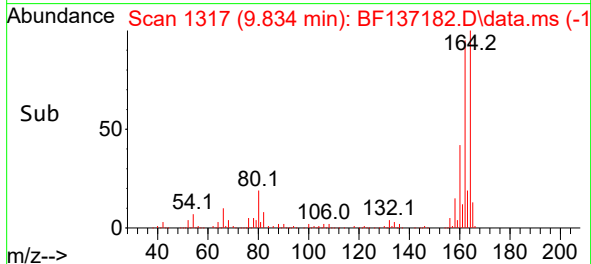
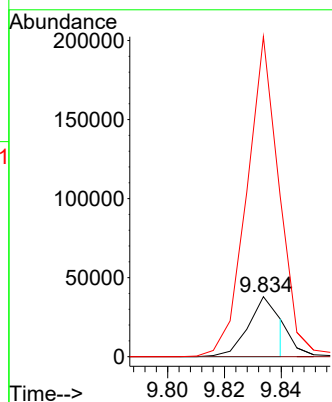
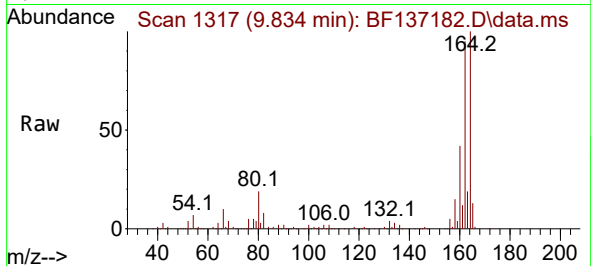




#50
Dimethylphthalate
Concen: 2.579 ng
RT: 9.834 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF137182.D
Acq: 26 Jan 2024 23:16

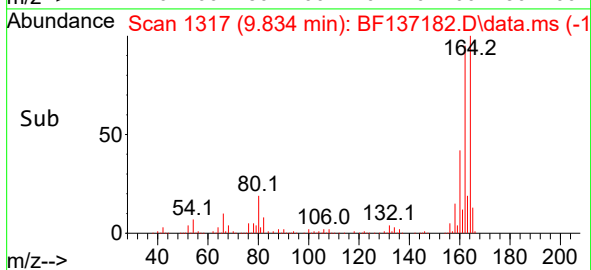
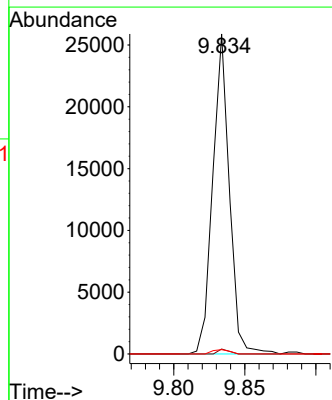
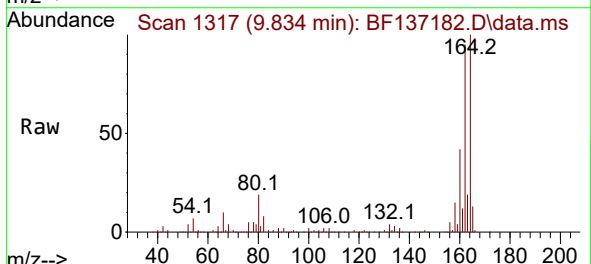
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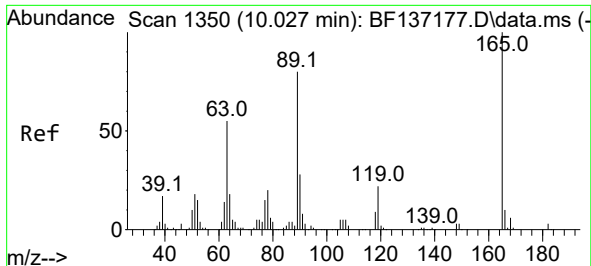
Tgt Ion:163 Resp: 29379
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 533.5 8.3 12.5#



#51
2,6-Dinitrotoluene
Concen: 8.945 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF137182.D
Acq: 26 Jan 2024 23:16

Tgt Ion:165 Resp: 21011
Ion Ratio Lower Upper
165 100
63 1.5 51.4 77.2#
89 1.3 47.8 71.8#

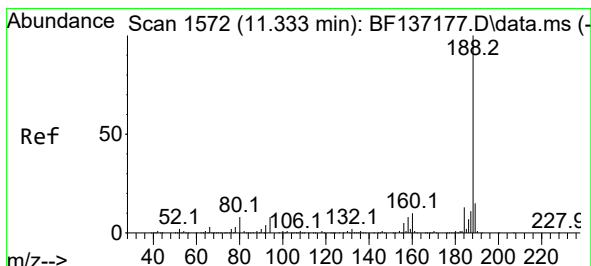
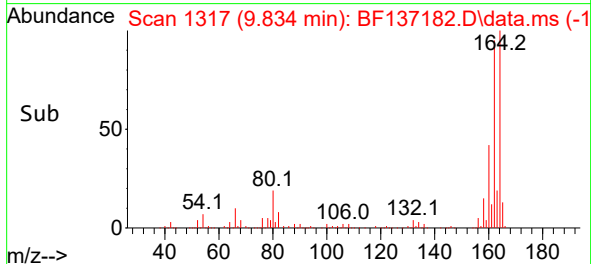
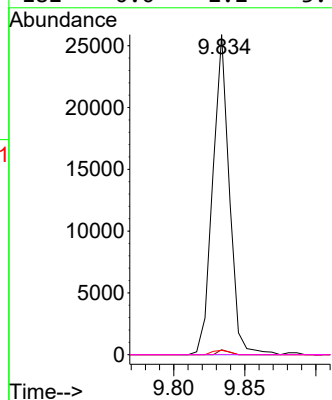
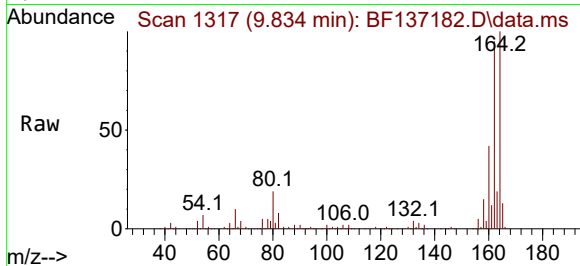




#57
2,4-Dinitrotoluene
Concen: 7.010 ng
RT: 9.834 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF137182.D
Acq: 26 Jan 2024 23:16

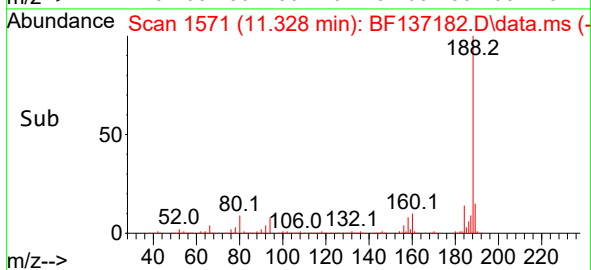
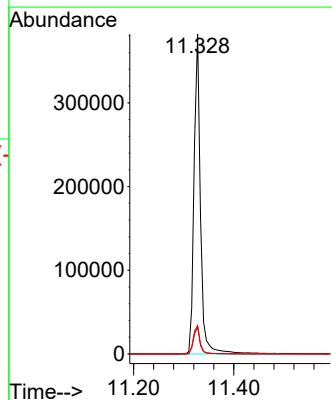
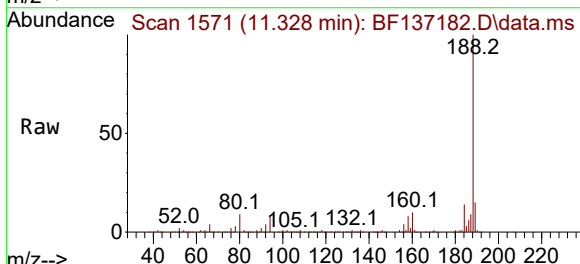
Instrument :
BNA_F
ClientSampleId :
PB158491BL

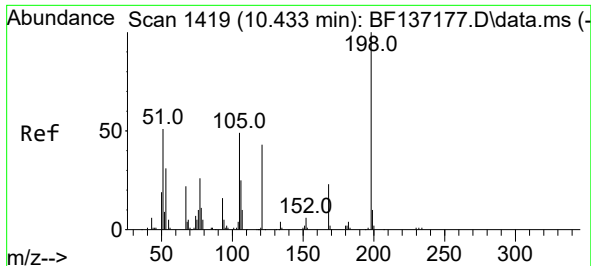
Tgt Ion:165 Resp: 21011
Ion Ratio Lower Upper
165 100
63 1.5 45.0 67.6#
89 1.3 64.2 96.2#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF137182.D
Acq: 26 Jan 2024 23:16

Tgt Ion:188 Resp: 342277
Ion Ratio Lower Upper
188 100
94 8.4 6.0 9.0
80 8.9 6.7 10.1

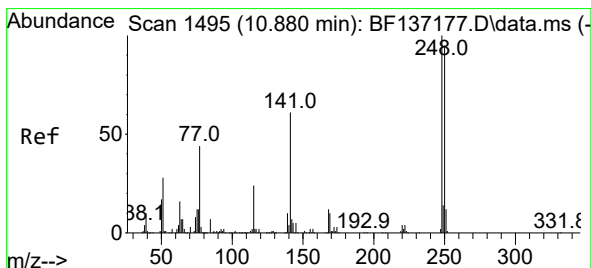
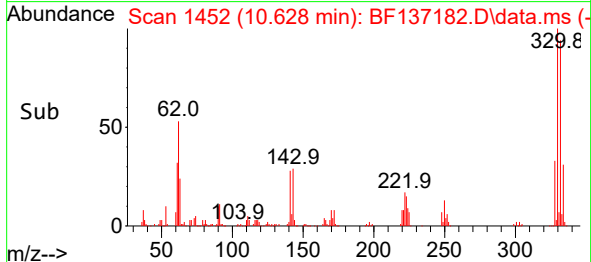
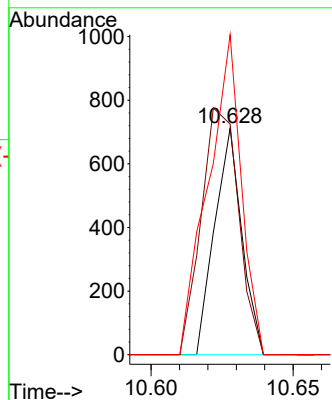
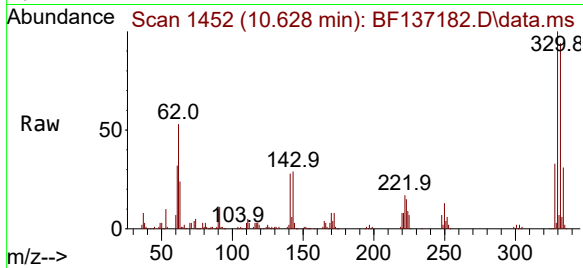




#65
4,6-Dinitro-2-methylphenol
Concen: 8.055 ng
RT: 10.628 min Scan# 1452
Delta R.T. 0.195 min
Lab File: BF137182.D
Acq: 26 Jan 2024 23:16

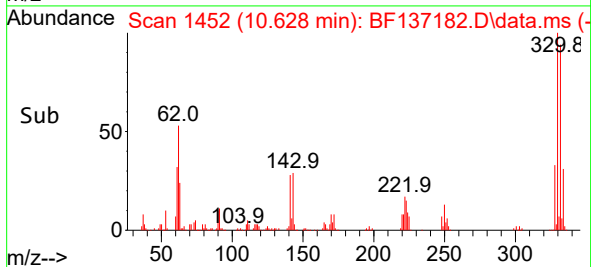
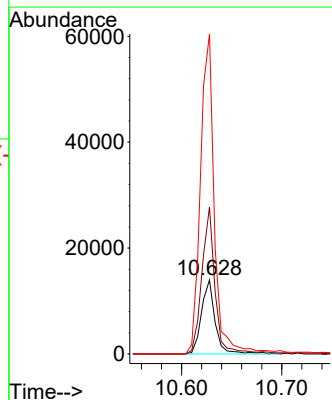
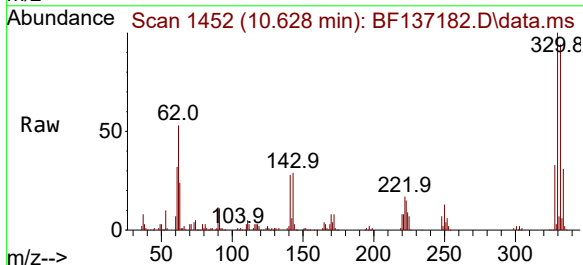
Instrument :
BNA_F
ClientSampleId :
PB158491BL

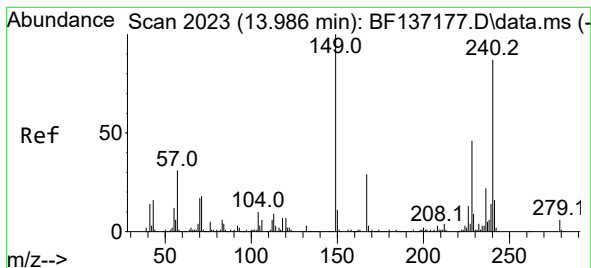
Tgt Ion:198 Resp: 473
Ion Ratio Lower Upper
198 100
51 101.8 41.6 81.6#
105 141.3 30.7 70.7#



#67
4-Bromophenyl-phenylether
Concen: 3.533 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.253 min
Lab File: BF137182.D
Acq: 26 Jan 2024 23:16

Tgt Ion:248 Resp: 13307
Ion Ratio Lower Upper
248 100
250 198.9 76.2 114.2#
141 433.1 48.8 73.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF137182.D

Acq: 26 Jan 2024 23:16

Instrument :

BNA_F

ClientSampleId :

PB158491BL

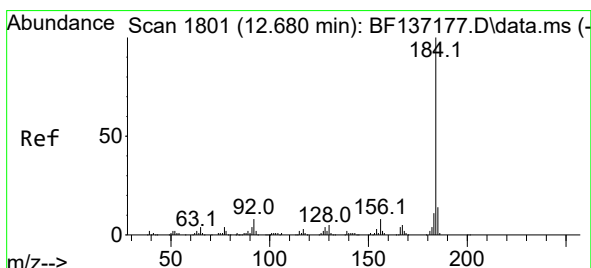
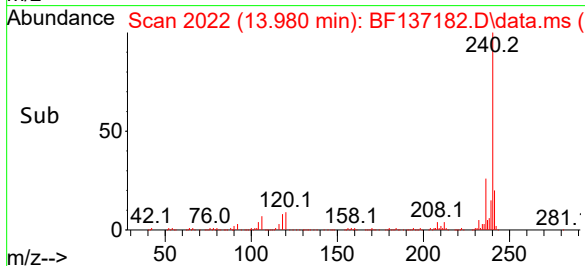
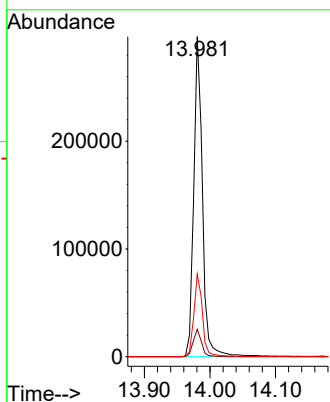
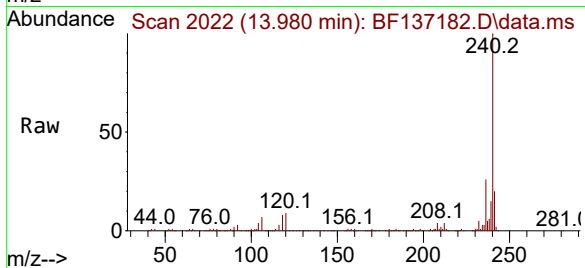
Tgt Ion:240 Resp: 275718

Ion Ratio Lower Upper

240 100

120 8.5 6.7 10.1

236 25.8 20.4 30.6



#77

Benzidine

Concen: 9.684 ng

RT: 12.934 min Scan# 1844

Delta R.T. 0.254 min

Lab File: BF137182.D

Acq: 26 Jan 2024 23:16

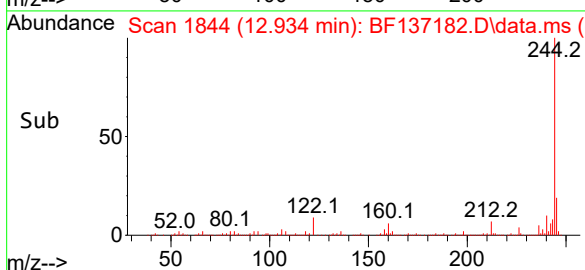
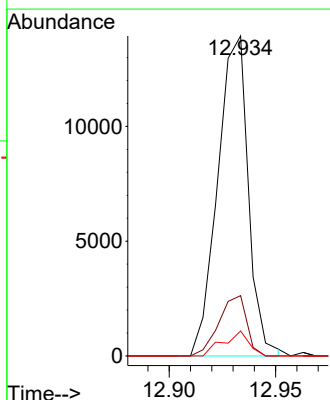
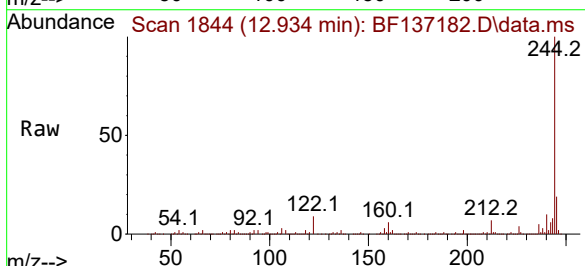
Tgt Ion:184 Resp: 13925

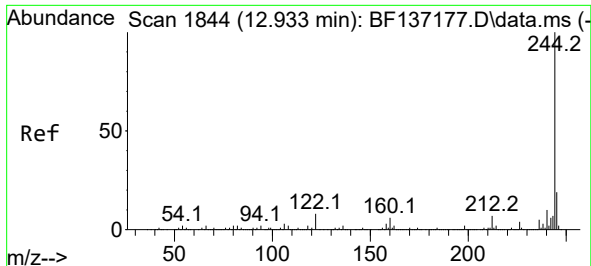
Ion Ratio Lower Upper

184 100

185 18.9 11.5 17.3#

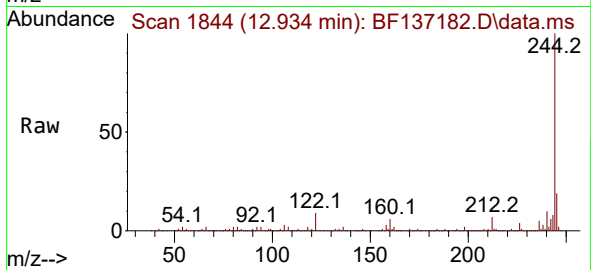
183 7.8 9.2 13.8#



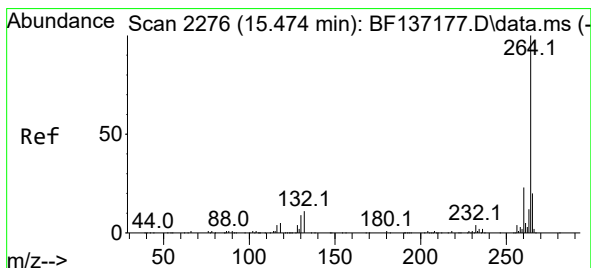
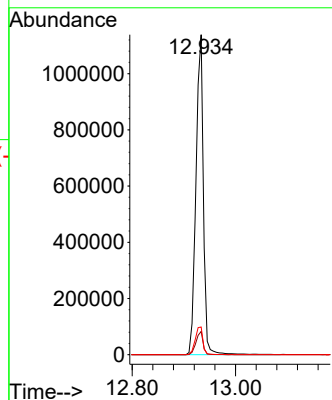
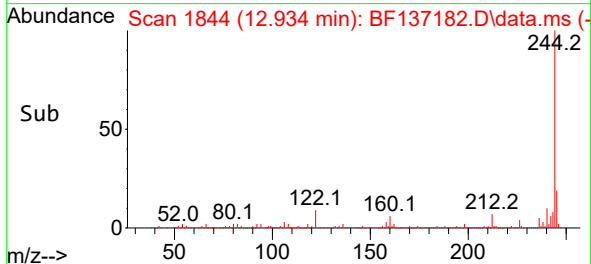


#79
 Terphenyl-d14
 Concen: 57.686 ng
 RT: 12.934 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF137182.D
 Acq: 26 Jan 2024 23:16

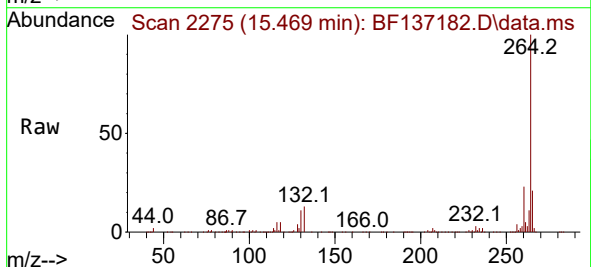
Instrument :
 BNA_F
 ClientSampleId :
 PB158491BL



Tgt Ion:244 Resp: 1133961
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 8.6 6.6 9.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.469 min Scan# 2275
 Delta R.T. -0.006 min
 Lab File: BF137182.D
 Acq: 26 Jan 2024 23:16



Tgt Ion:264 Resp: 218773
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.2 27.4
 265 21.2 16.3 24.5

