

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
 Data File : BF139138.D
 Acq On : 23 Aug 2024 10:42
 Operator : RC/JU
 Sample : PB162917BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162917BL

Quant Time: Aug 23 11:16:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 21 01:25:05 2024
 Response via : Initial Calibration

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

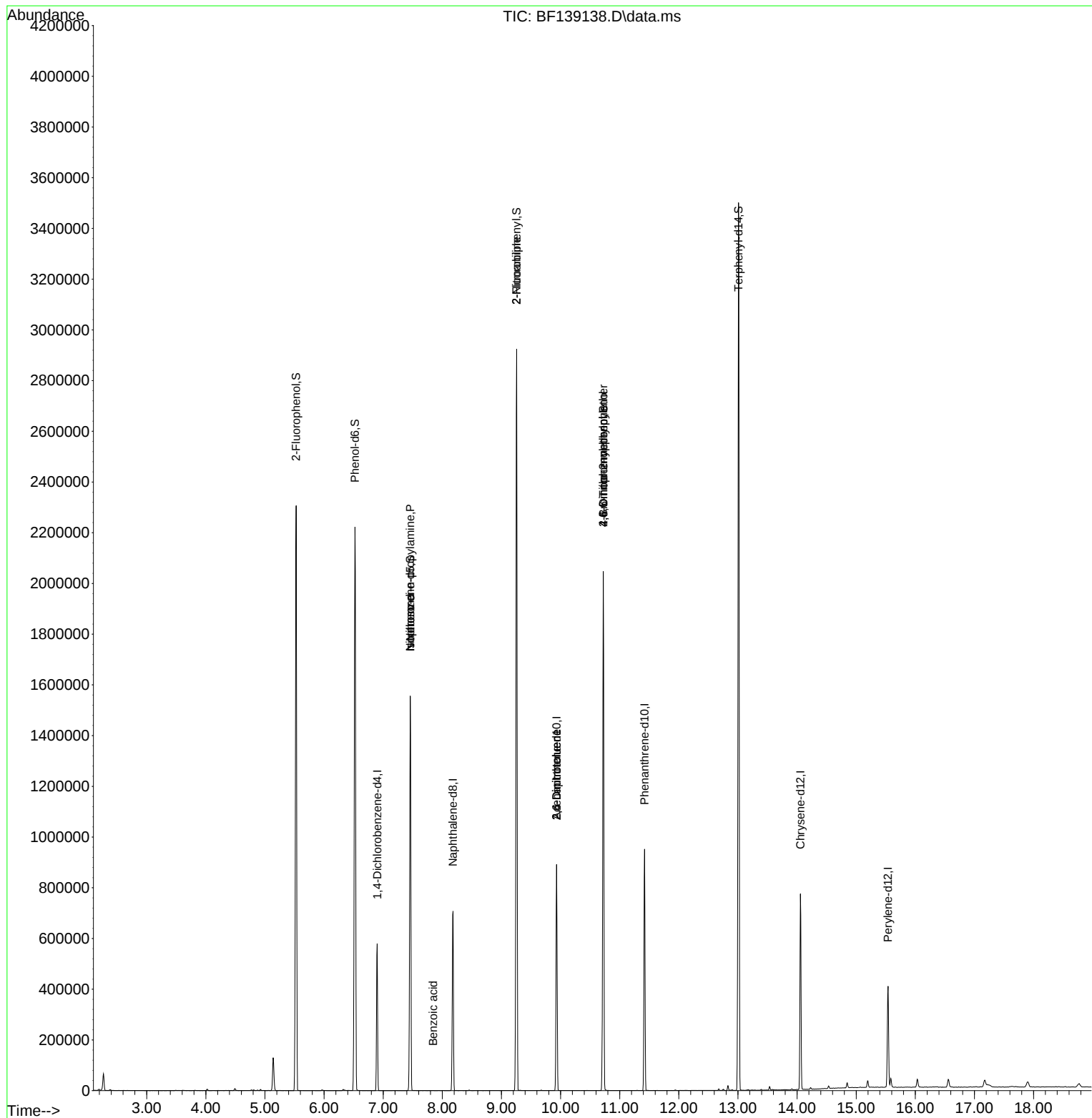
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	112654	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	434644	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	258735	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	485351	20.000	ng	0.00
76) Chrysene-d12	14.057	240	360157	20.000	ng	0.00
86) Perylene-d12	15.539	264	233927	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	843921	115.255	ng	0.02
7) Phenol-d6	6.522	99	1090664	115.277	ng	0.00
23) Nitrobenzene-d5	7.457	82	751194	100.708	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	338526	144.528	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1301403	79.804	ng	0.00
79) Terphenyl-d14	13.010	244	1767383	81.426	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	103157	16.603	ng	# 79
25) Isophorone	7.457	82	749224	47.257	ng	# 69
32) Benzoic acid	7.845	122	122	8.371	ng	# 76
48) 2-Nitroaniline	9.257	65	2644	6.222	ng	# 1
51) 2,6-Dinitrotoluene	9.933	165	34285	14.211	ng	# 17
57) 2,4-Dinitrotoluene	9.933	165	34285	13.095	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.722	198	829	6.984	ng	# 1
67) 4-Bromophenyl-phenylether	10.722	248	23392	4.548	ng	# 1

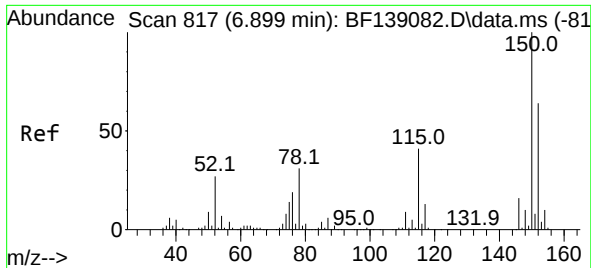
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
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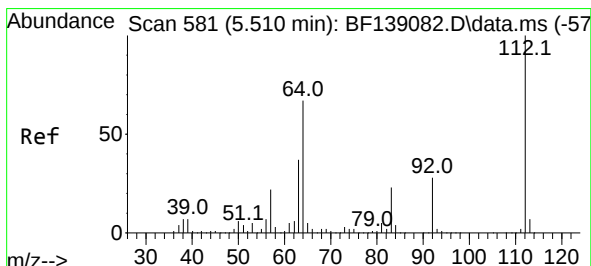
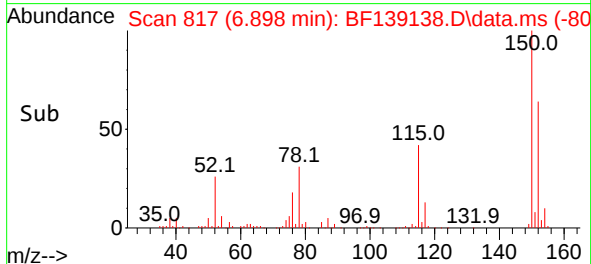
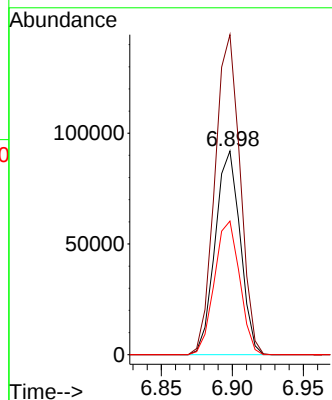
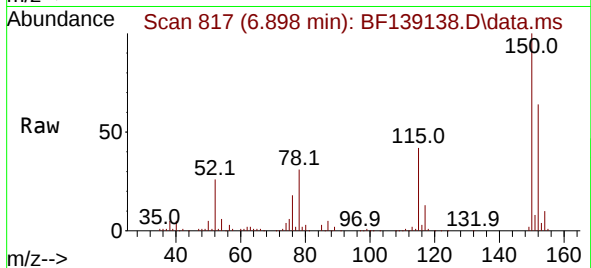




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BF139138.D
 Acq: 23 Aug 2024 10:42

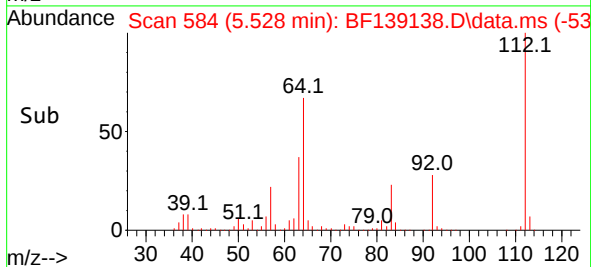
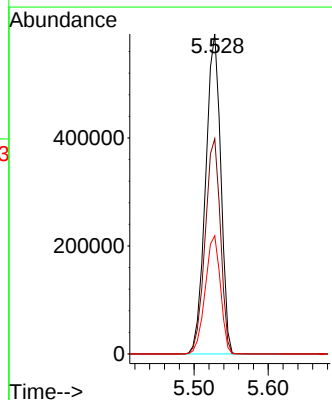
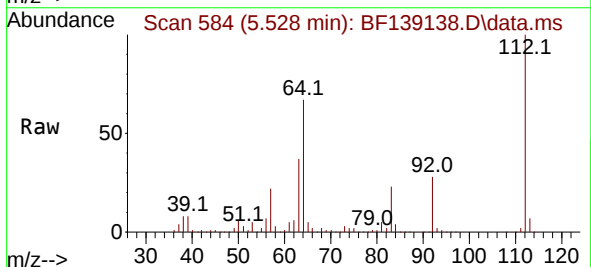
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 PB162917BL

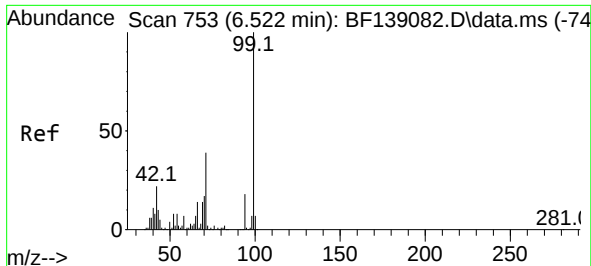
Tgt Ion:152 Resp: 112654
 Ion Ratio Lower Upper
 152 100
 150 157.1 125.1 187.7
 115 65.6 51.8 77.6



#5
 2-Fluorophenol
 Concen: 115.255 ng
 RT: 5.528 min Scan# 584
 Delta R.T. 0.017 min
 Lab File: BF139138.D
 Acq: 23 Aug 2024 10:42

Tgt Ion:112 Resp: 843921
 Ion Ratio Lower Upper
 112 100
 64 67.2 53.8 80.6
 63 36.9 29.4 44.2

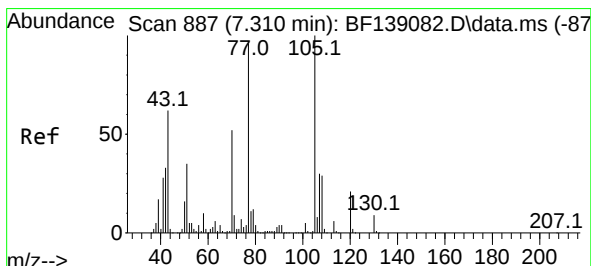
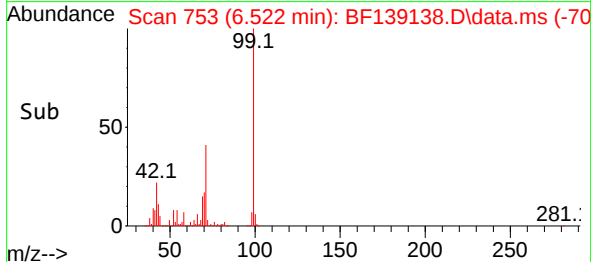
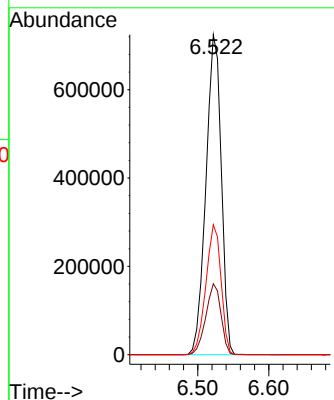
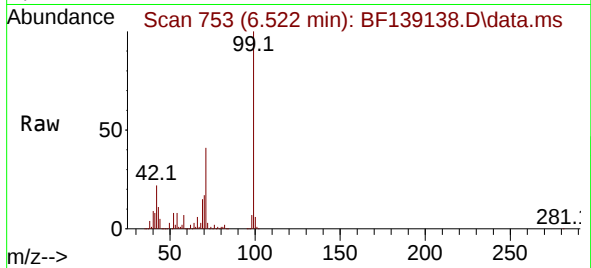




#7
Phenol-d6
Concen: 115.277 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139138.D
Acq: 23 Aug 2024 10:42

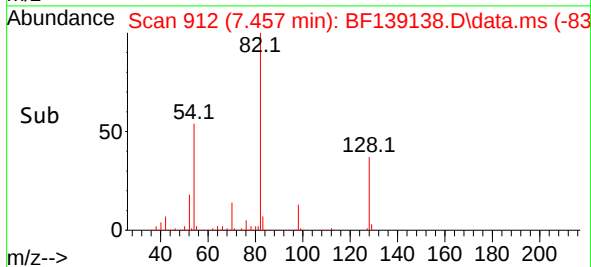
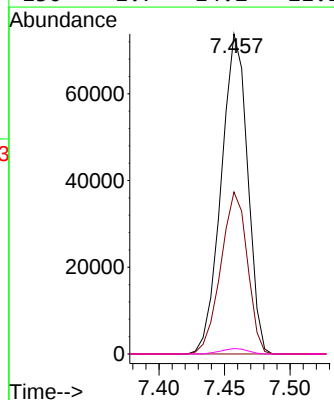
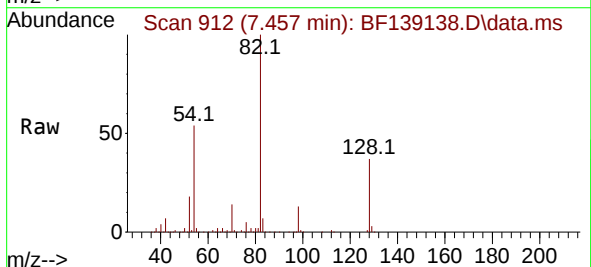
Instrument :
BNA_F
ClientSampleId :
PB162917BL

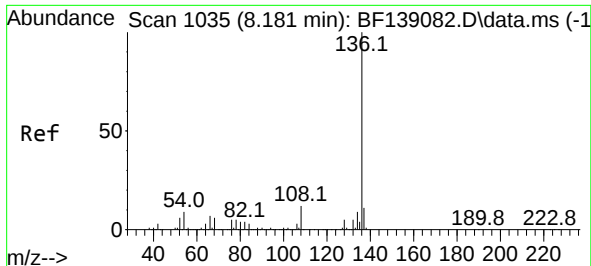
Tgt Ion: 99 Resp: 1090664
Ion Ratio Lower Upper
99 100
42 22.1 17.4 26.2
71 40.6 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.603 ng
RT: 7.457 min Scan# 912
Delta R.T. 0.147 min
Lab File: BF139138.D
Acq: 23 Aug 2024 10:42

Tgt Ion: 70 Resp: 103157
Ion Ratio Lower Upper
70 100
42 50.6 50.5 75.7
101 0.0 7.2 10.8#
130 1.7 14.2 21.2#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139138.D
Acq: 23 Aug 2024 10:42

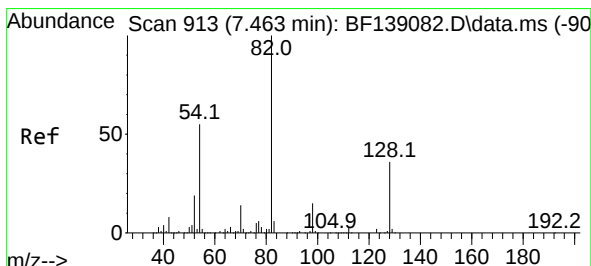
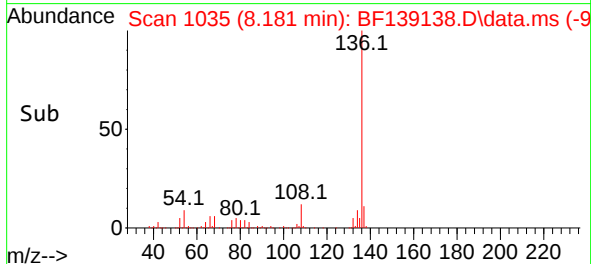
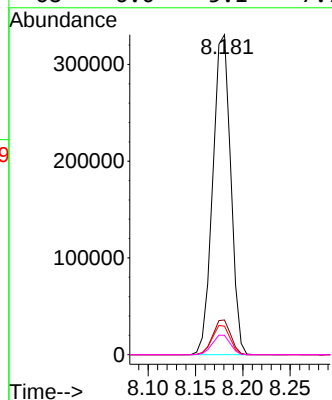
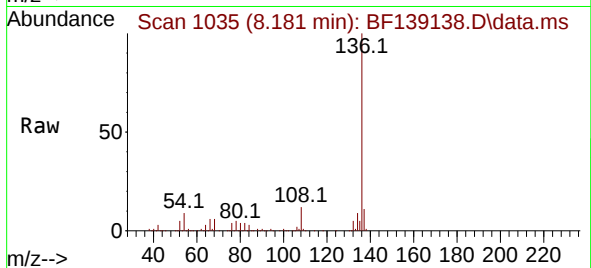
Instrument :

BNA_F

ClientSampleId :

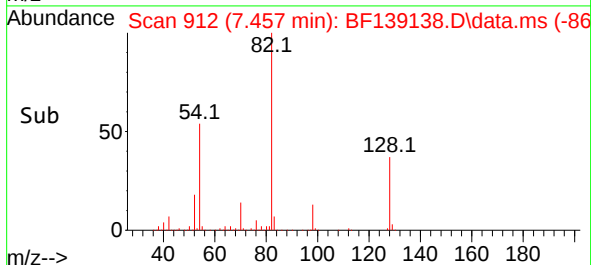
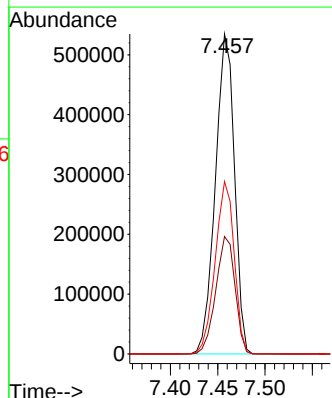
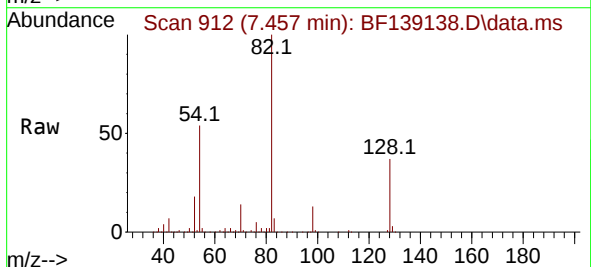
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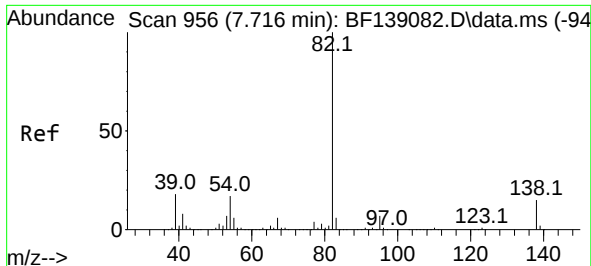
Tgt Ion:136 Resp: 434644
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.9 7.6 11.4
68 6.0 5.1 7.7



#23
Nitrobenzene-d5
Concen: 100.708 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF139138.D
Acq: 23 Aug 2024 10:42

Tgt Ion: 82 Resp: 751194
Ion Ratio Lower Upper
82 100
128 36.7 29.0 43.4
54 53.9 43.4 65.2

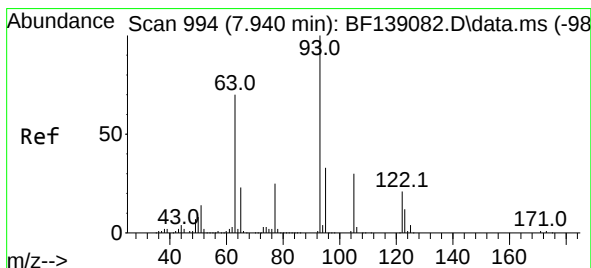
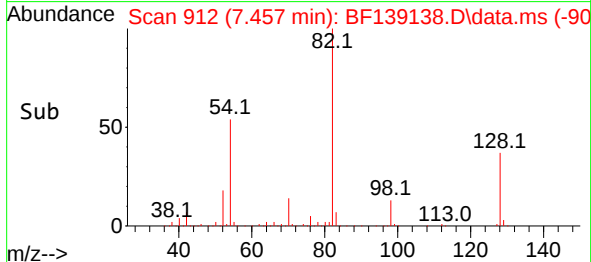
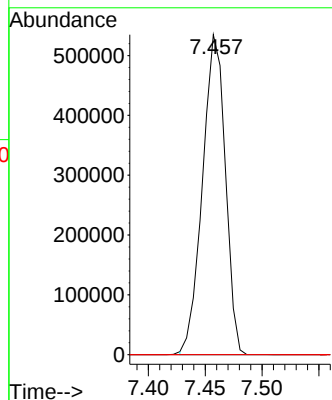
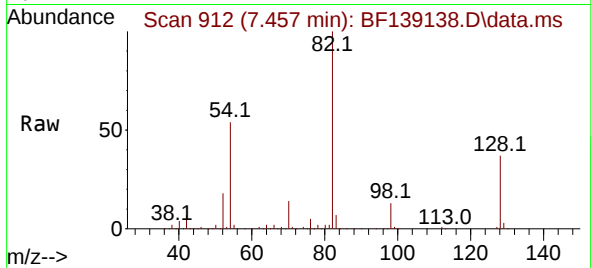




#25
Isophorone
Concen: 47.257 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF139138.D
Acq: 23 Aug 2024 10:42

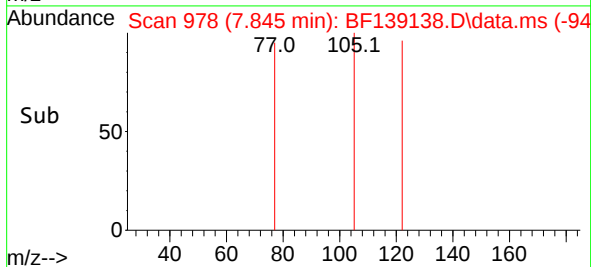
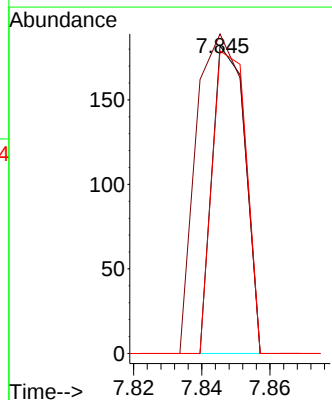
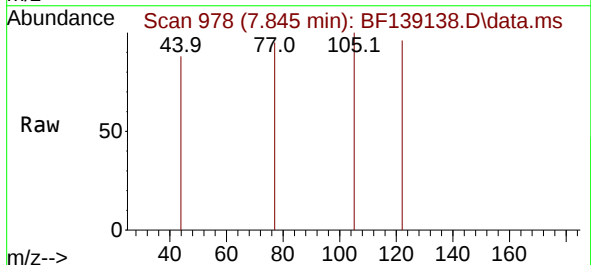
Instrument :
BNA_F
ClientSampleId :
PB162917BL

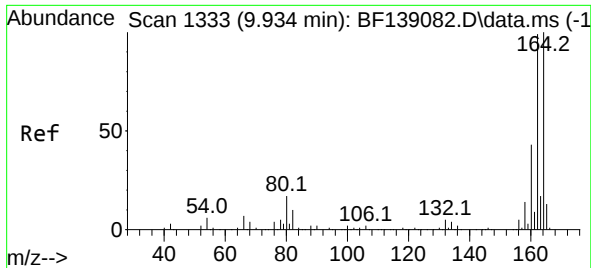
Tgt Ion: 82 Resp: 749224
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 8.371 ng
RT: 7.845 min Scan# 978
Delta R.T. -0.095 min
Lab File: BF139138.D
Acq: 23 Aug 2024 10:42

Tgt Ion:122 Resp: 122
Ion Ratio Lower Upper
122 100
105 103.8 119.6 159.6#
77 98.4 97.6 137.6

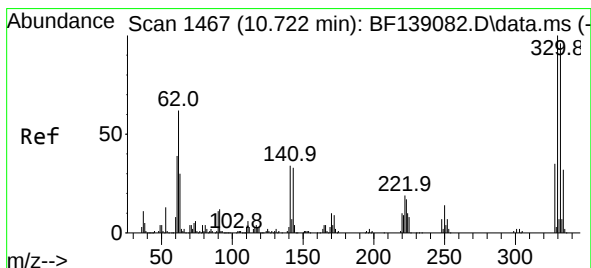
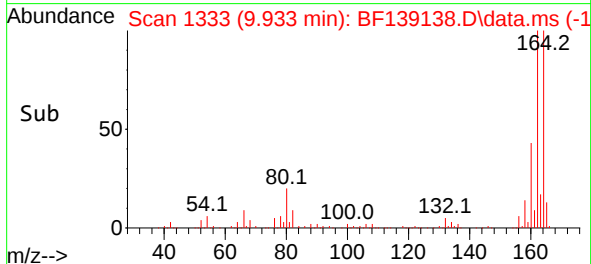
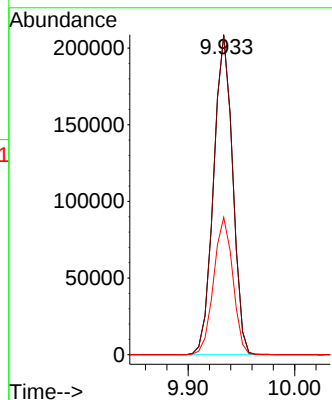
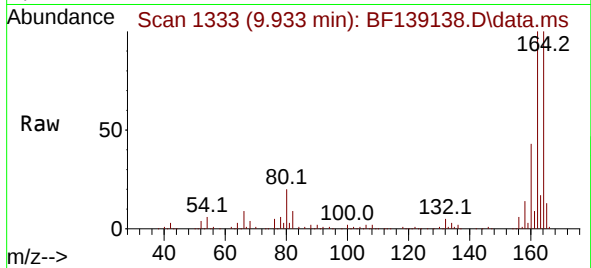




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF139138.D
Acq: 23 Aug 2024 10:42

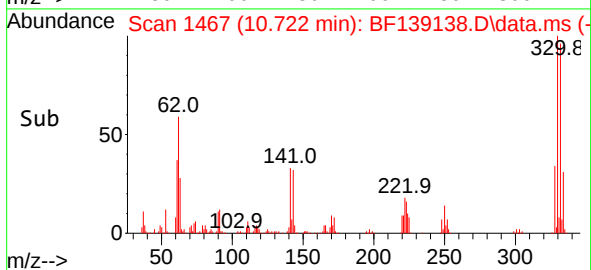
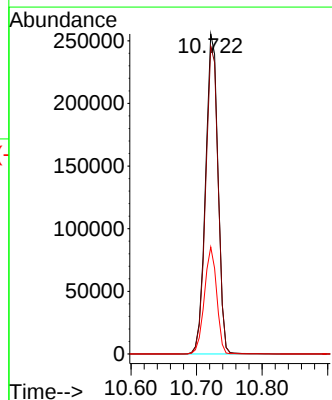
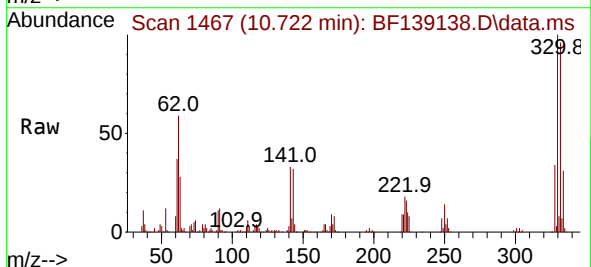
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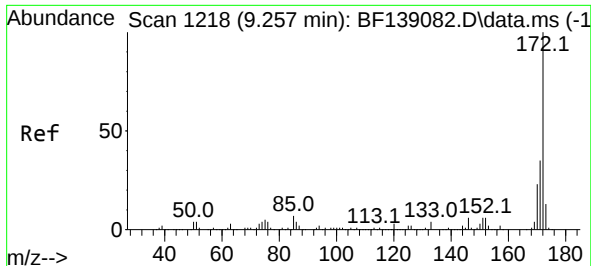
Tgt Ion:164 Resp: 258735
Ion Ratio Lower Upper
164 100
162 99.6 79.5 119.3
160 42.9 34.5 51.7



#42
2,4,6-Tribromophenol
Concen: 144.528 ng
RT: 10.722 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF139138.D
Acq: 23 Aug 2024 10:42

Tgt Ion:330 Resp: 338526
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 32.9 27.5 41.3

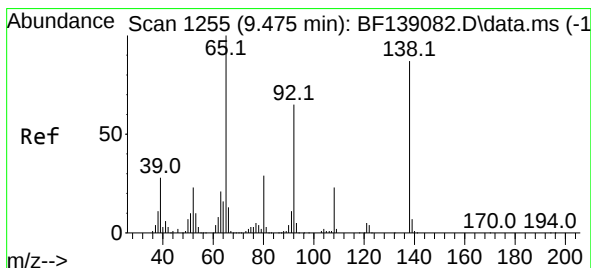
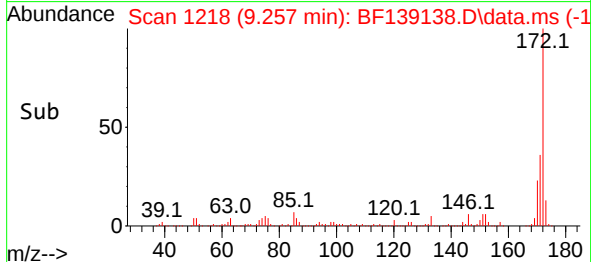
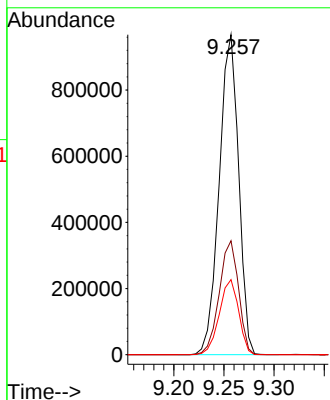
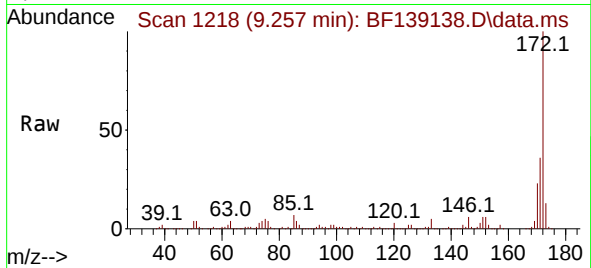




#45
2-Fluorobiphenyl
Concen: 79.804 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF139138.D
Acq: 23 Aug 2024 10:42

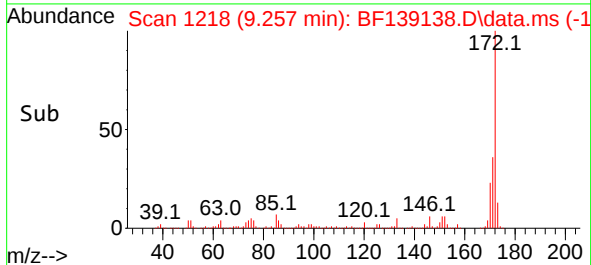
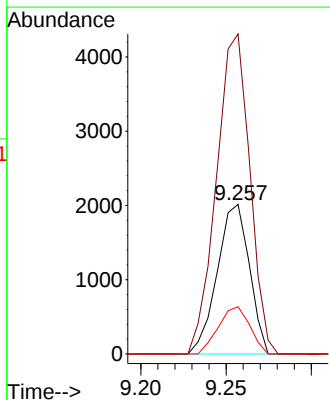
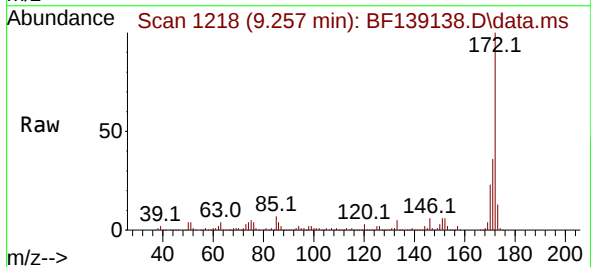
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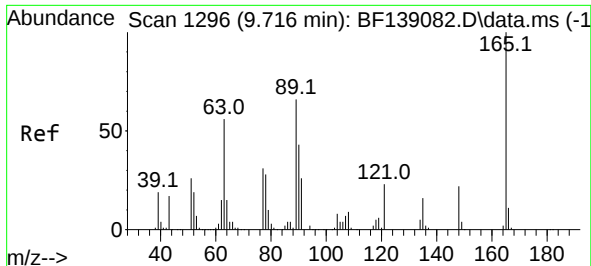
Tgt Ion:172 Resp: 1301403
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.5 18.8 28.2



#48
2-Nitroaniline
Concen: 6.222 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.218 min
Lab File: BF139138.D
Acq: 23 Aug 2024 10:42

Tgt Ion: 65 Resp: 2644
Ion Ratio Lower Upper
65 100
92 213.9 52.4 78.6#
138 31.5 69.4 104.0#

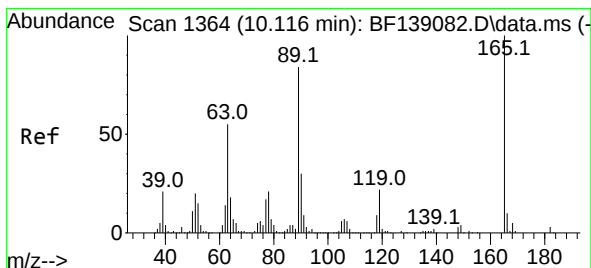
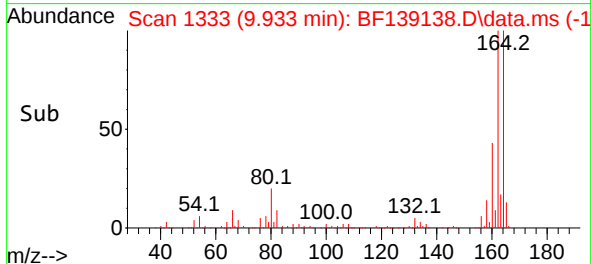
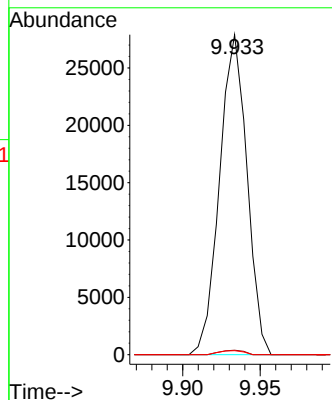
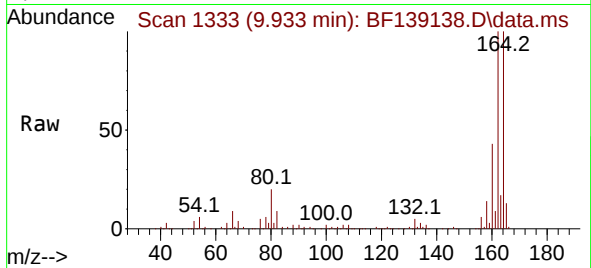




#51
2,6-Dinitrotoluene
Concen: 14.211 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.217 min
Lab File: BF139138.D
Acq: 23 Aug 2024 10:42

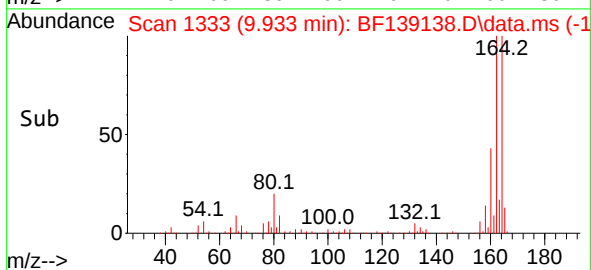
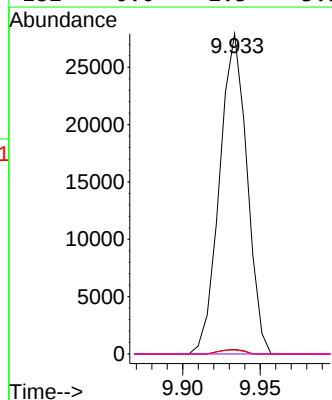
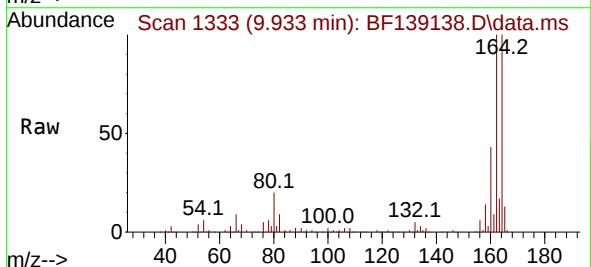
Instrument :
BNA_F
ClientSampleId :
PB162917BL

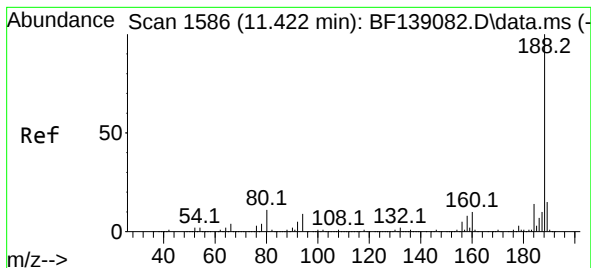
Tgt Ion:165 Resp: 34285
Ion Ratio Lower Upper
165 100
63 1.4 58.0 87.0#
89 1.3 53.3 79.9#



#57
2,4-Dinitrotoluene
Concen: 13.095 ng
RT: 9.933 min Scan# 1333
Delta R.T. -0.183 min
Lab File: BF139138.D
Acq: 23 Aug 2024 10:42

Tgt Ion:165 Resp: 34285
Ion Ratio Lower Upper
165 100
63 1.4 44.2 66.4#
89 1.3 67.4 101.2#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139138.D

Acq: 23 Aug 2024 10:42

Instrument :

BNA_F

ClientSampleId :

PB162917BL

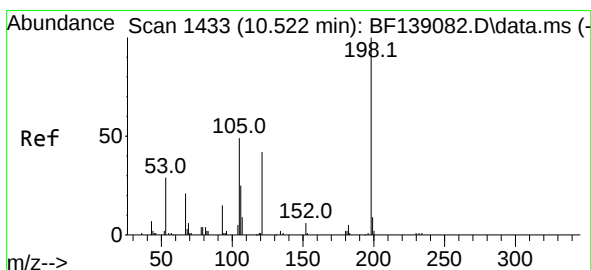
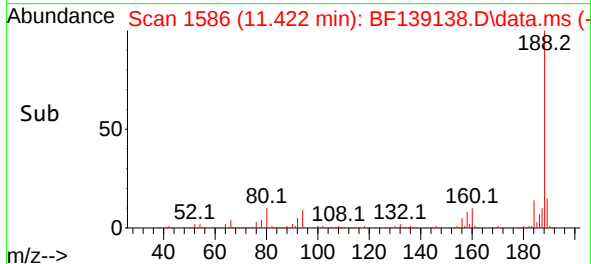
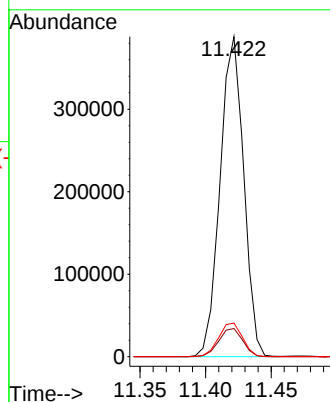
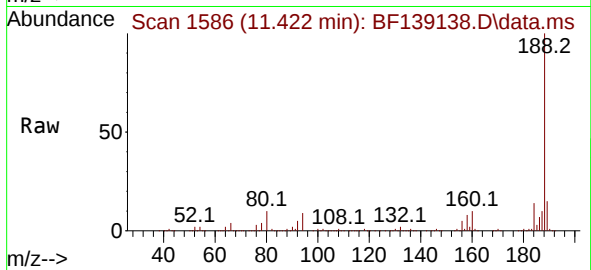
Tgt Ion:188 Resp: 485351

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

80 10.5 8.5 12.7



#65

4,6-Dinitro-2-methylphenol

Concen: 6.984 ng

RT: 10.722 min Scan# 1467

Delta R.T. 0.200 min

Lab File: BF139138.D

Acq: 23 Aug 2024 10:42

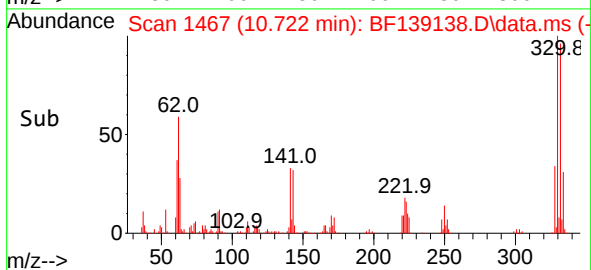
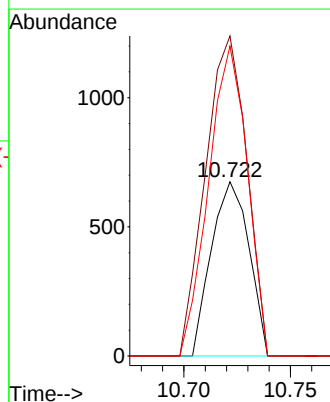
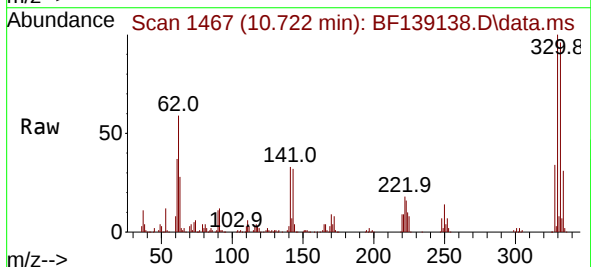
Tgt Ion:198 Resp: 829

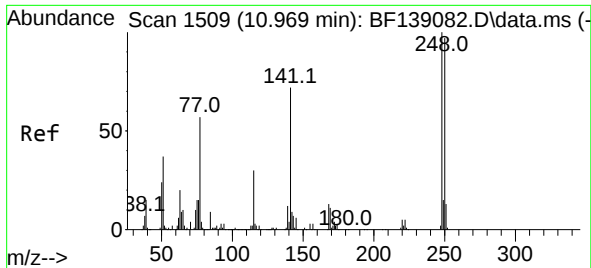
Ion Ratio Lower Upper

198 100

51 183.6 40.8 80.8#

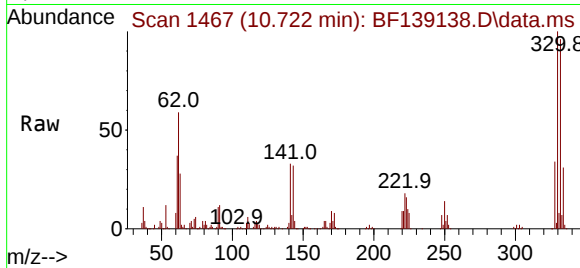
105 177.8 30.9 70.9#



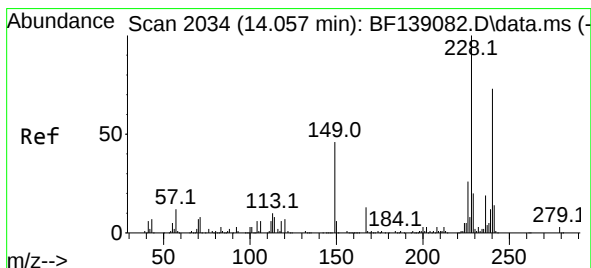
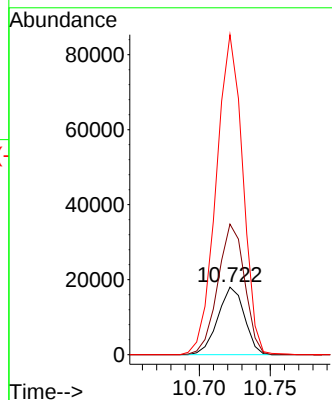
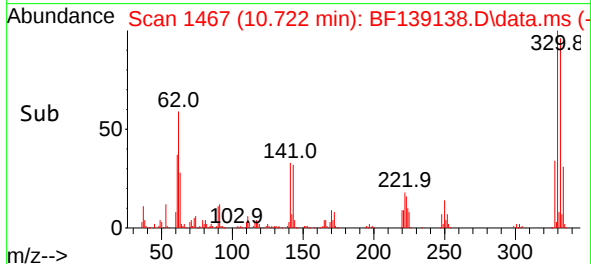


#67
4-Bromophenyl-phenylether
Concen: 4.548 ng
RT: 10.722 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF139138.D
Acq: 23 Aug 2024 10:42

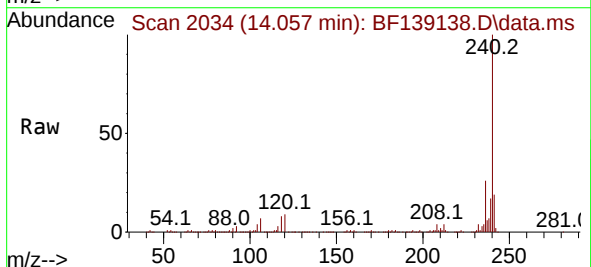
Instrument :
BNA_F
ClientSampleId :
PB162917BL



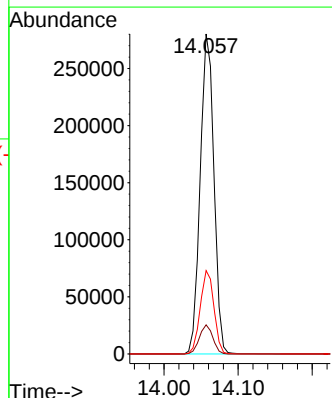
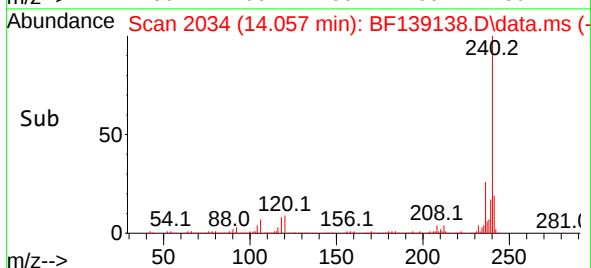
Tgt Ion:248 Resp: 23392
Ion Ratio Lower Upper
248 100
250 193.5 77.8 116.8#
141 474.4 57.9 86.9#

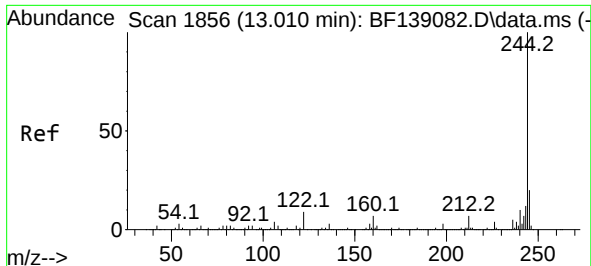


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF139138.D
Acq: 23 Aug 2024 10:42



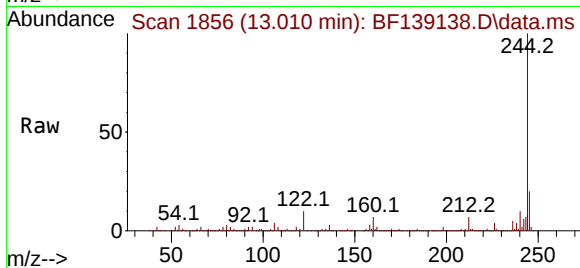
Tgt Ion:240 Resp: 360157
Ion Ratio Lower Upper
240 100
120 9.1 7.8 11.6
236 26.1 20.9 31.3





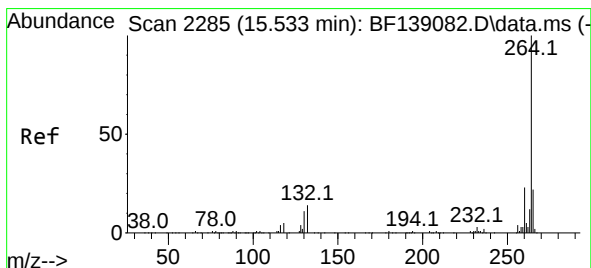
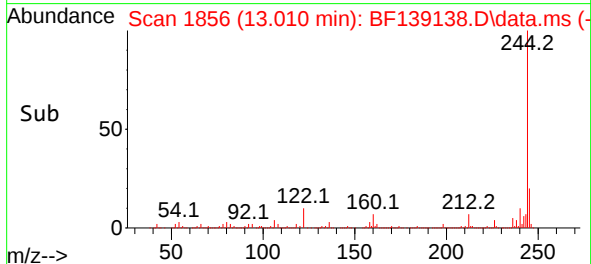
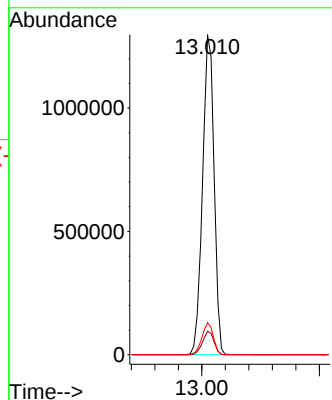
#79
 Terphenyl-d14
 Concen: 81.426 ng
 RT: 13.010 min Scan# 1856
 Delta R.T. -0.000 min
 Lab File: BF139138.D
 Acq: 23 Aug 2024 10:42

Instrument :
 BNA_F
 ClientSampleId :
 PB162917BL



Tgt Ion:244 Resp: 1767383

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	10.0	7.6	11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2286
 Delta R.T. 0.006 min
 Lab File: BF139138.D
 Acq: 23 Aug 2024 10:42

Tgt Ion:264 Resp: 233927

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	20.8	17.4	26.2

