

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
 Data File : BF139188.D
 Acq On : 27 Aug 2024 15:48
 Operator : RC/JU
 Sample : P3732-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UI-5

Quant Time: Aug 27 16:39:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 02:51:47 2024
 Response via : Initial Calibration

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

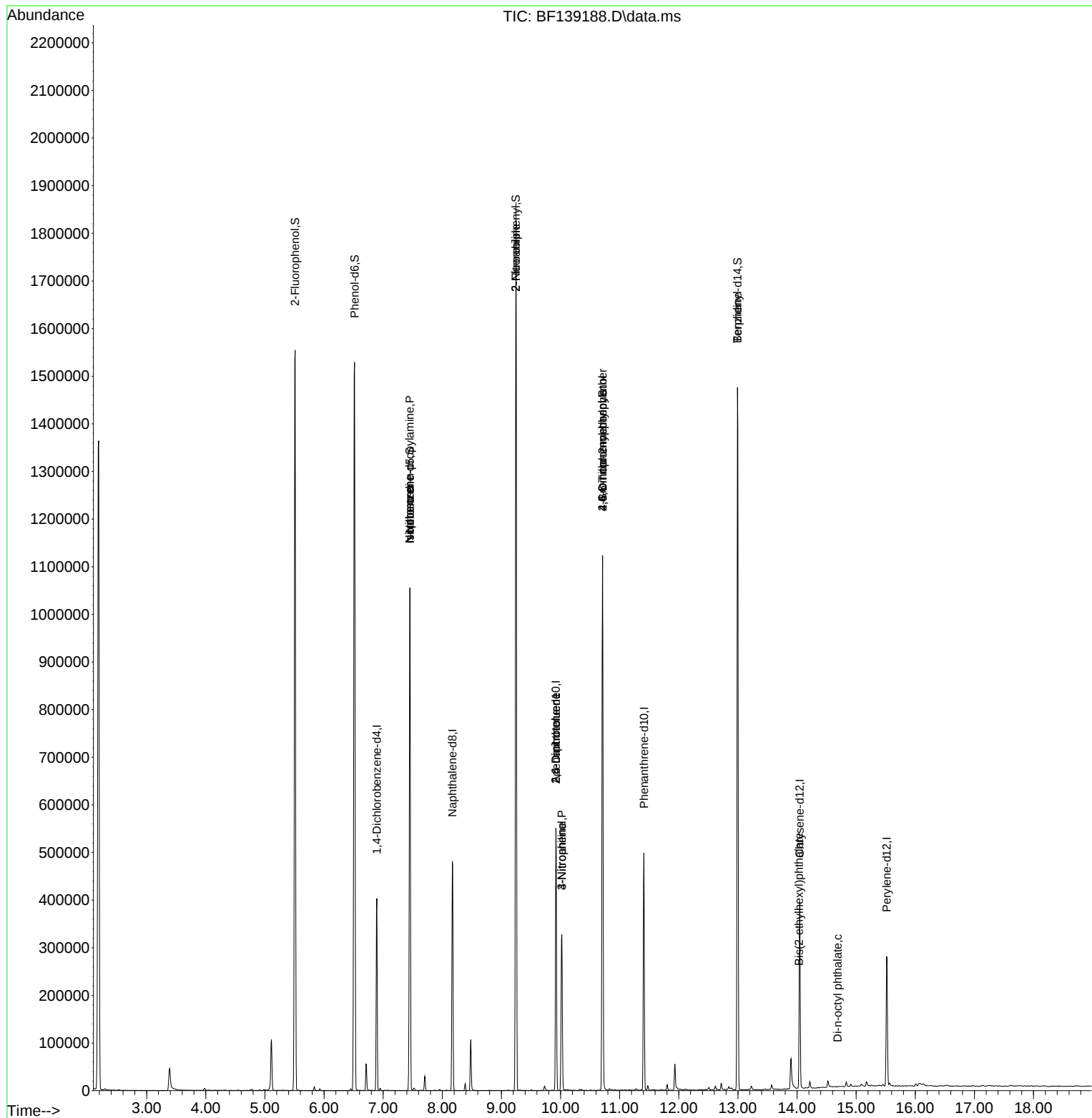
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	78640	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	284201	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	157844	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	249990	20.000	ng	0.00
76) Chrysene-d12	14.045	240	176511	20.000	ng	0.00
86) Perylene-d12	15.516	264	158852	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	559187	119.486	ng	0.00
7) Phenol-d6	6.516	99	725597	112.972	ng	0.00
23) Nitrobenzene-d5	7.451	82	460970	89.858	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	168209	124.428	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	763688	75.155	ng	0.00
79) Terphenyl-d14	12.992	244	716300	63.320	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	63491	16.528	ng	# 77
24) Nitrobenzene	7.451	77	1511	3.491	ng	# 43
25) Isophorone	7.451	82	460446	45.388	ng	# 68
48) 2-Nitroaniline	9.245	65	1448	6.253	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	20668	14.640	ng	# 14
53) 3-Nitroaniline	10.022	138	2999	5.805	ng	# 1
56) 4-Nitrophenol	10.022	139	274	5.313	ng	# 1
57) 2,4-Dinitrotoluene	9.922	165	20668	13.247	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.710	198	338	7.258	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	11873	4.470	ng	# 1
77) Benzidine	12.992	184	9426	3.165	ng	# 92
84) Bis(2-ethylhexyl)phtha...	14.033	149	271	3.217	ng	# 54
85) Di-n-octyl phthalate	14.686	149	53	8.958	ng	# 72

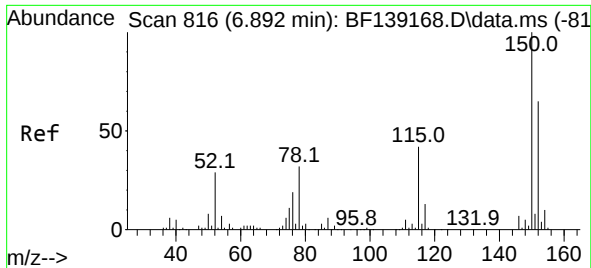
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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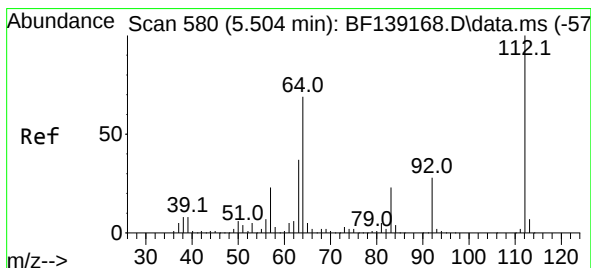
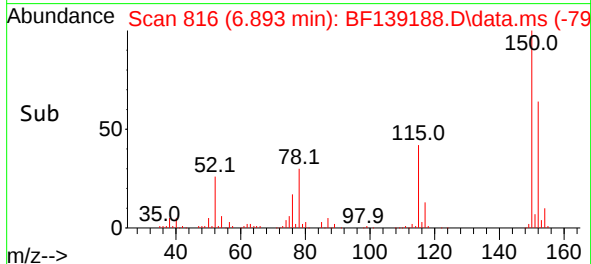
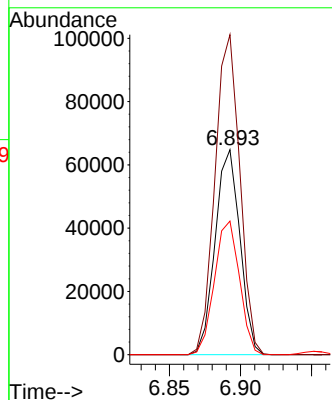
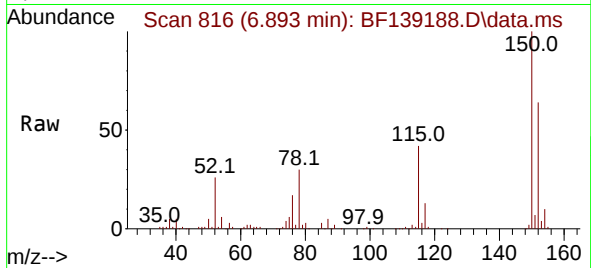




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139188.D
Acq: 27 Aug 2024 15:48

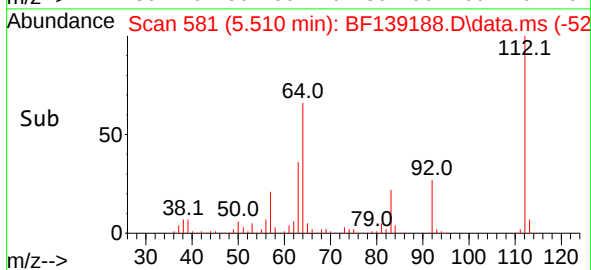
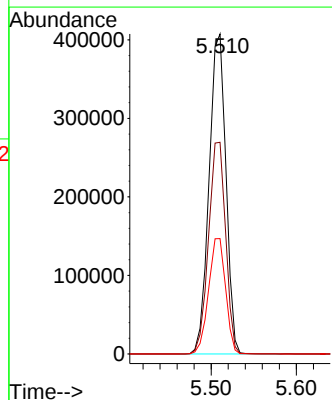
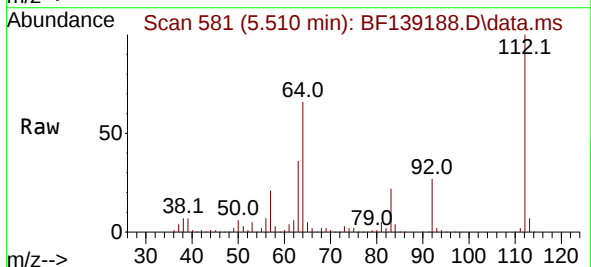
Instrument :
BNA_F
ClientSampleId :
UI-5

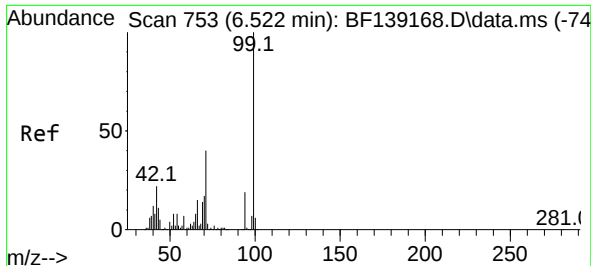
Tgt Ion:152 Resp: 78640
Ion Ratio Lower Upper
152 100
150 156.1 123.7 185.5
115 65.2 51.8 77.8



#5
2-Fluorophenol
Concen: 119.486 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF139188.D
Acq: 27 Aug 2024 15:48

Tgt Ion:112 Resp: 559187
Ion Ratio Lower Upper
112 100
64 66.1 55.5 83.3
63 36.0 29.8 44.6





#7
Phenol-d6
Concen: 112.972 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139188.D
Acq: 27 Aug 2024 15:48

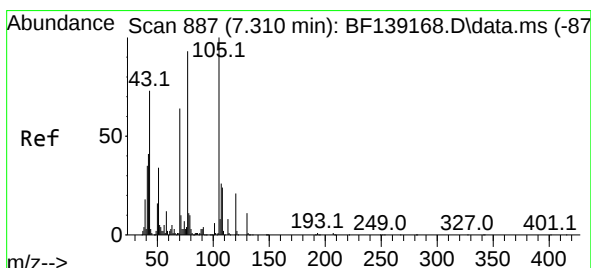
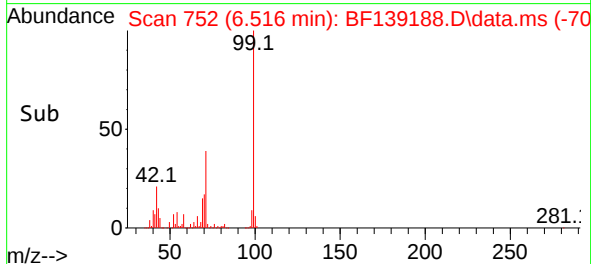
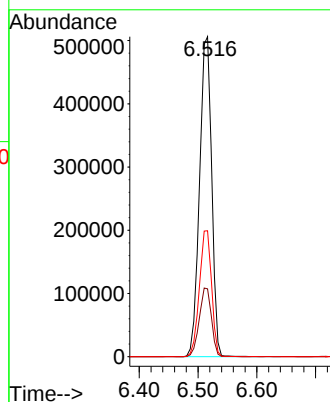
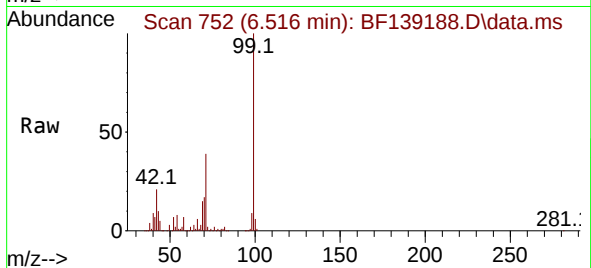
Instrument :

BNA_F

ClientSampleId :

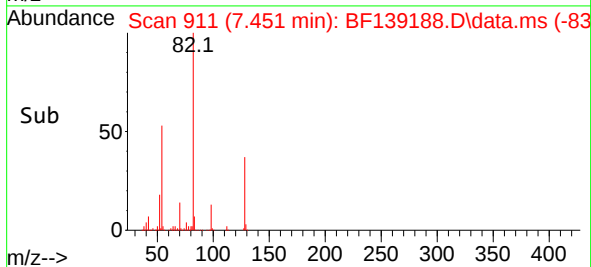
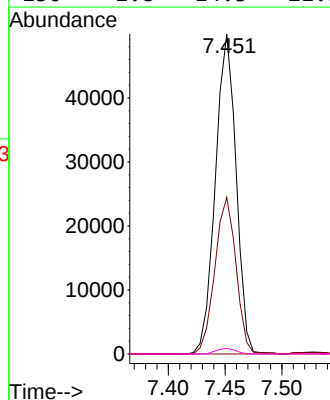
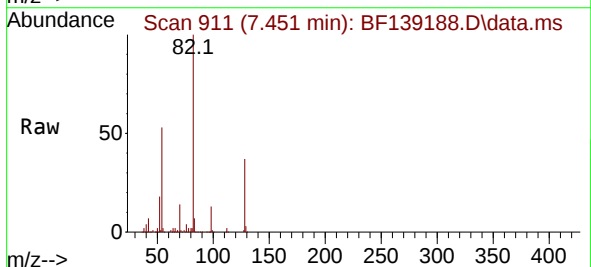
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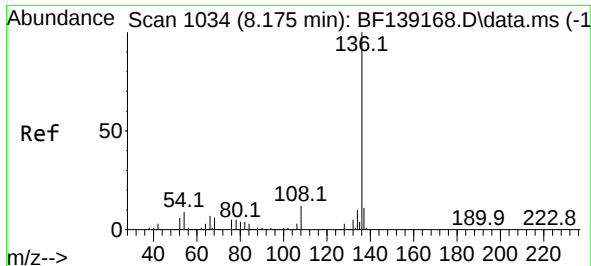
Tgt Ion: 99 Resp: 725597
Ion Ratio Lower Upper
99 100
42 21.2 17.9 26.9
71 39.4 31.7 47.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.528 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF139188.D
Acq: 27 Aug 2024 15:48

Tgt Ion: 70 Resp: 63491
Ion Ratio Lower Upper
70 100
42 48.9 50.8 76.2#
101 0.0 7.4 11.0#
130 1.8 14.3 21.5#

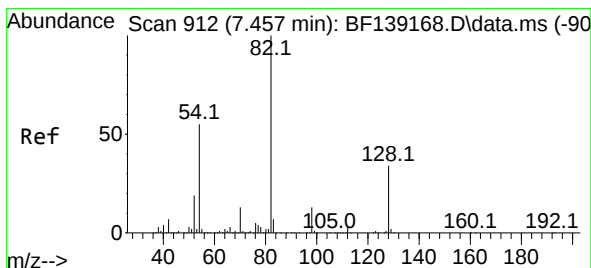
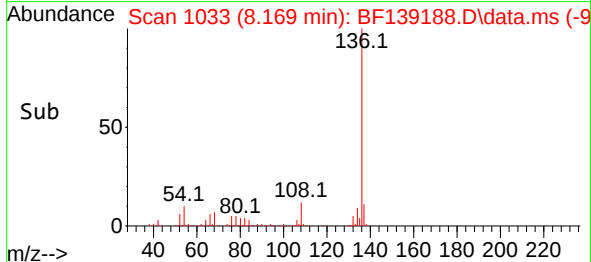
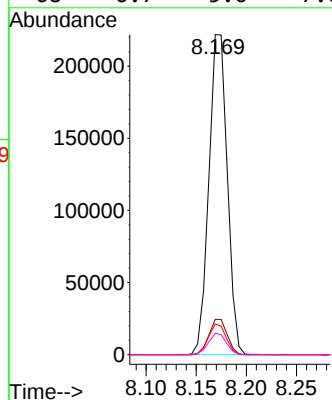
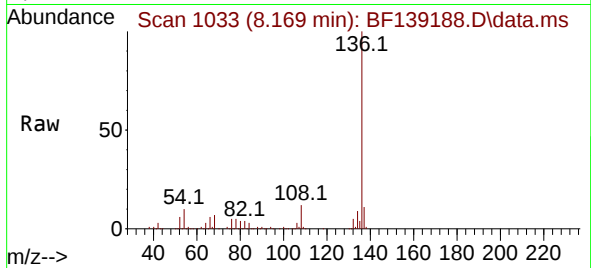




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139188.D
Acq: 27 Aug 2024 15:48

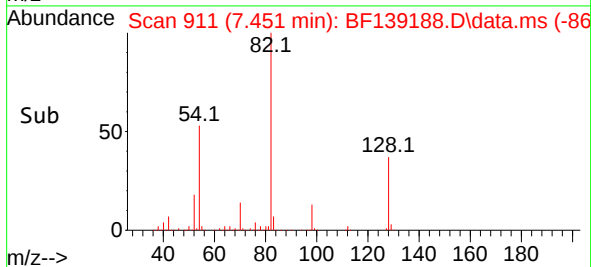
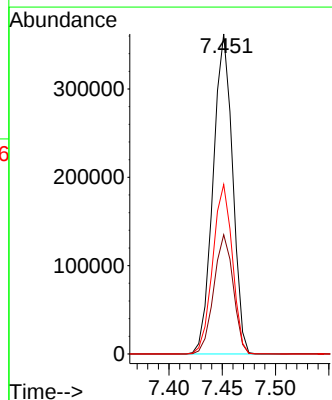
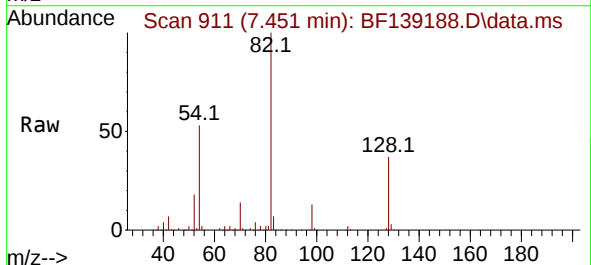
Instrument :
BNA_F
ClientSampleId :
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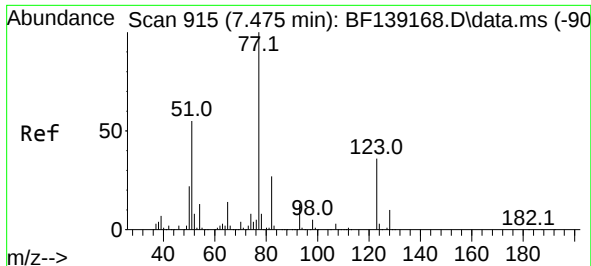
Tgt Ion:	136	Resp:	284201
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	9.6	7.6	11.4
68	6.7	5.0	7.6



#23
Nitrobenzene-d5
Concen: 89.858 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139188.D
Acq: 27 Aug 2024 15:48

Tgt Ion:	82	Resp:	460970
Ion	Ratio	Lower	Upper
82	100		
128	37.3	27.1	40.7
54	53.0	44.2	66.4

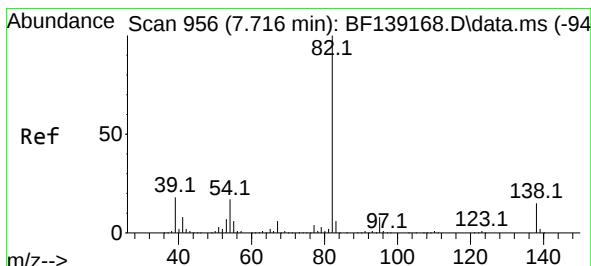
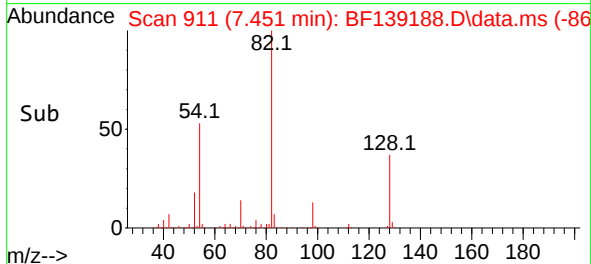
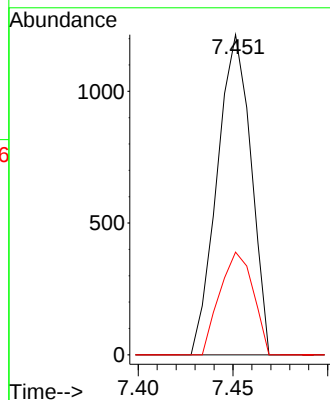
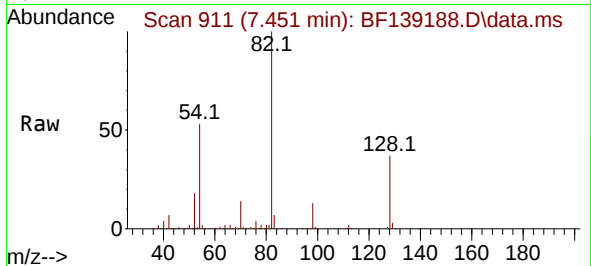




#24
Nitrobenzene
Concen: 3.491 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.024 min
Lab File: BF139188.D
Acq: 27 Aug 2024 15:48

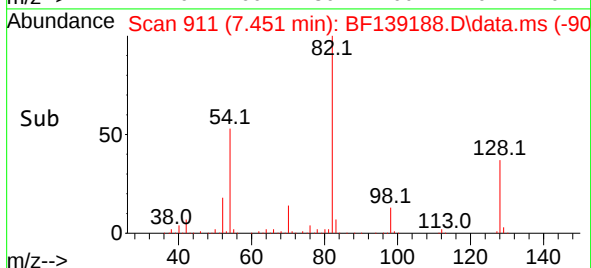
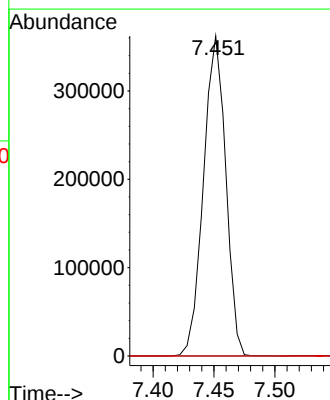
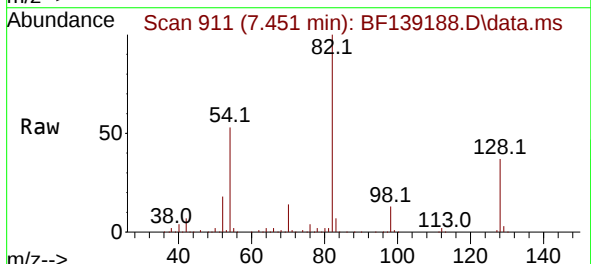
Instrument :
BNA_F
ClientSampleId :
UI-5

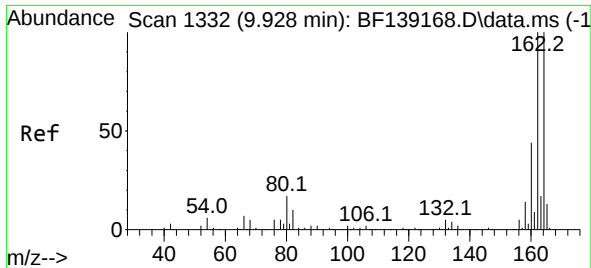
Tgt Ion: 77 Resp: 1511
Ion Ratio Lower Upper
77 100
123 0.0 28.7 43.1#
65 32.1 10.9 16.3#



#25
Isophorone
Concen: 45.388 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF139188.D
Acq: 27 Aug 2024 15:48

Tgt Ion: 82 Resp: 460446
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 12.2 18.4#

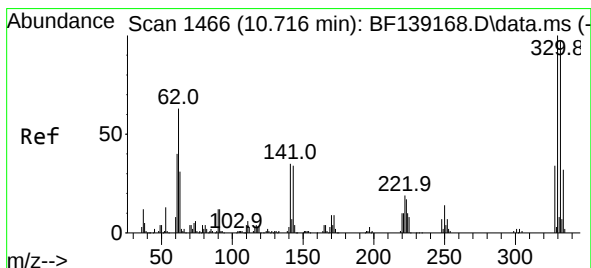
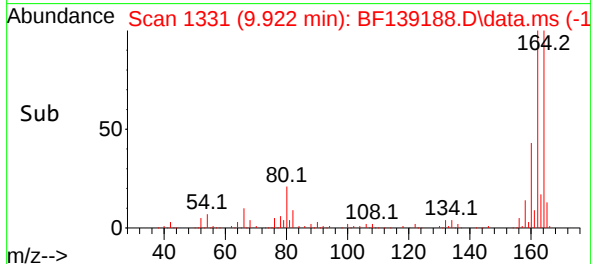
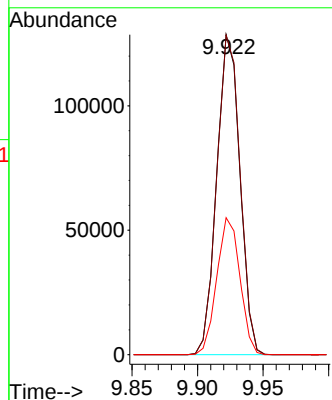
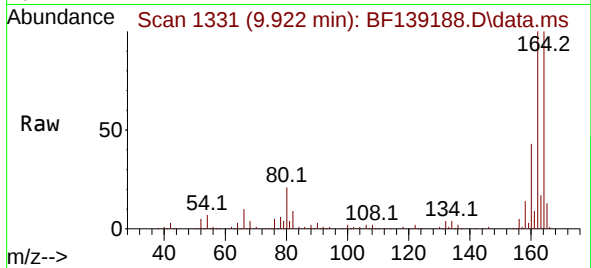




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF139188.D
Acq: 27 Aug 2024 15:48

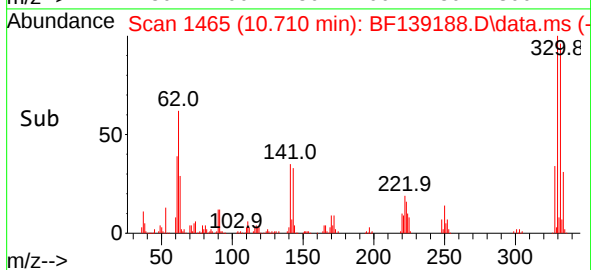
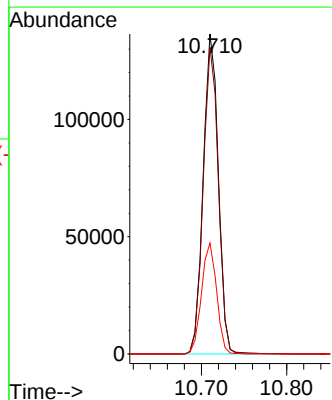
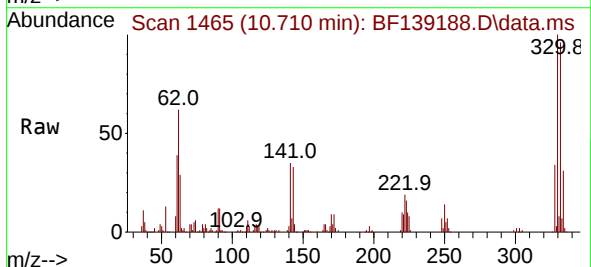
Instrument :
BNA_F
ClientSampleId :
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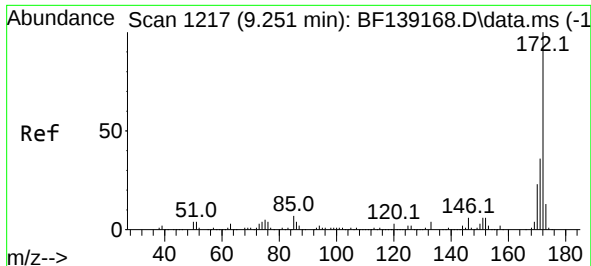
Tgt Ion:164 Resp: 157844
Ion Ratio Lower Upper
164 100
162 99.9 80.0 120.0
160 42.8 35.0 52.6



#42
2,4,6-Tribromophenol
Concen: 124.428 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139188.D
Acq: 27 Aug 2024 15:48

Tgt Ion:330 Resp: 168209
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 34.4 28.8 43.2





#45

2-Fluorobiphenyl

Concen: 75.155 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139188.D

Acq: 27 Aug 2024 15:48

Instrument :

BNA_F

ClientSampleId :

UI-5

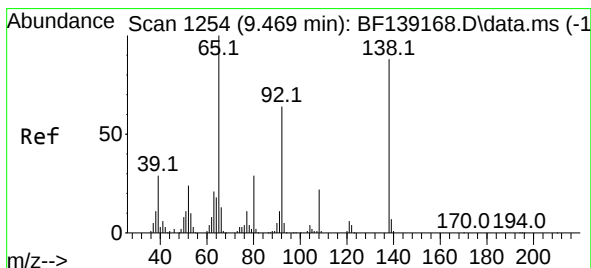
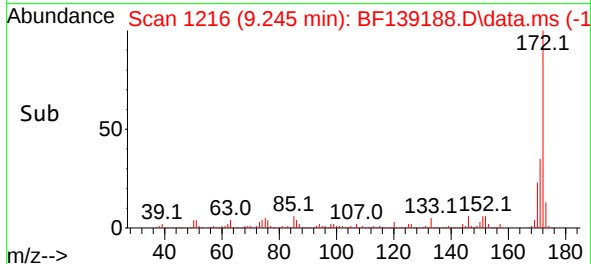
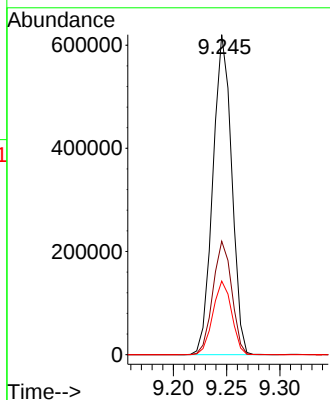
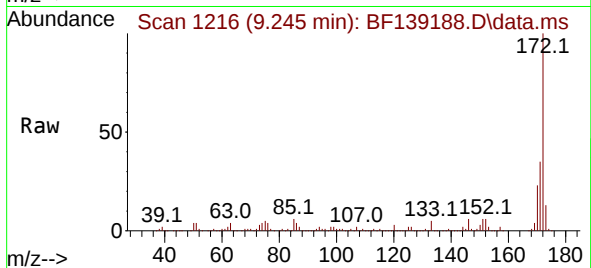
Tgt Ion:172 Resp: 763688

Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

170 23.0 18.8 28.2



#48

2-Nitroaniline

Concen: 6.253 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.224 min

Lab File: BF139188.D

Acq: 27 Aug 2024 15:48

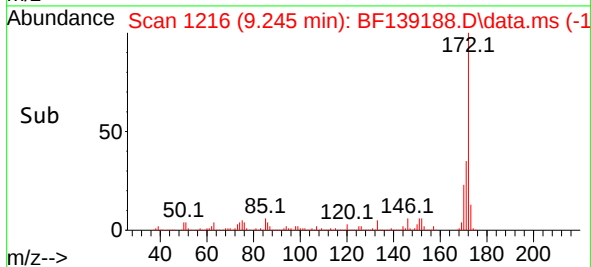
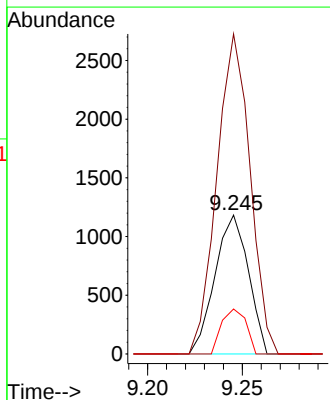
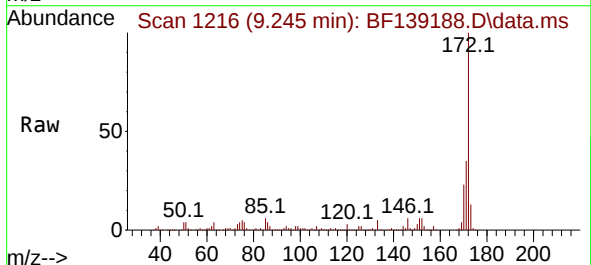
Tgt Ion: 65 Resp: 1448

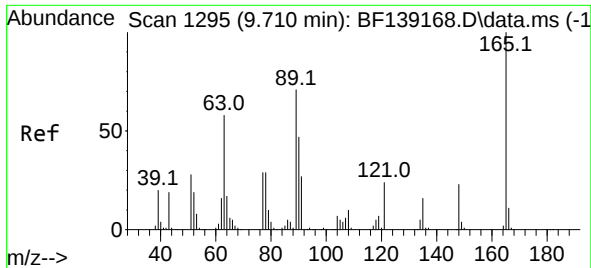
Ion Ratio Lower Upper

65 100

92 230.4 51.2 76.8#

138 32.4 70.0 105.0#

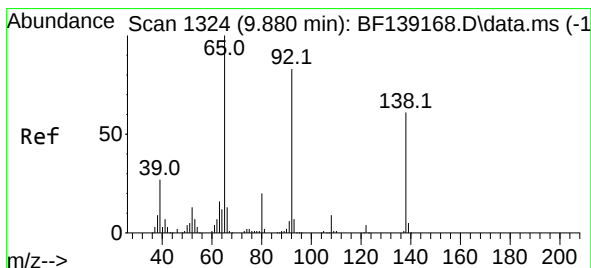
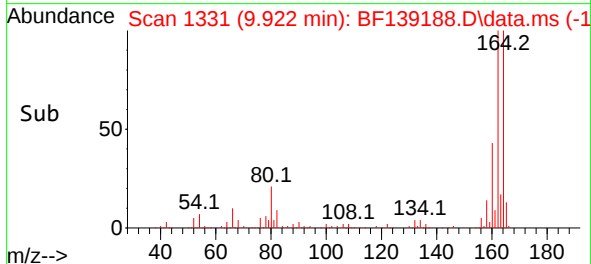
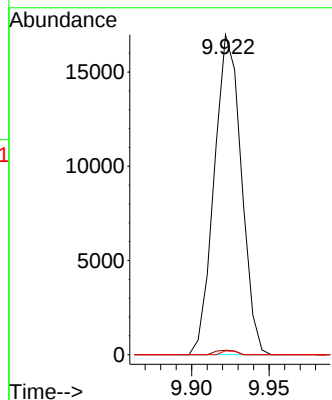
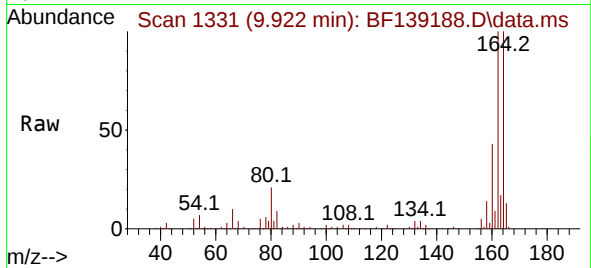




#51
2,6-Dinitrotoluene
Concen: 14.640 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139188.D
Acq: 27 Aug 2024 15:48

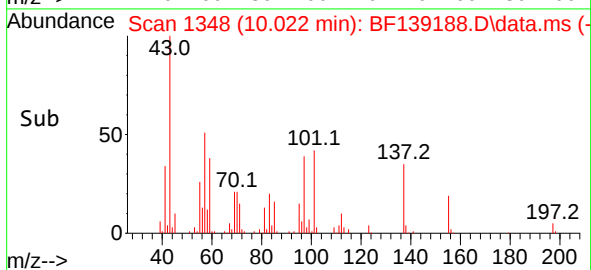
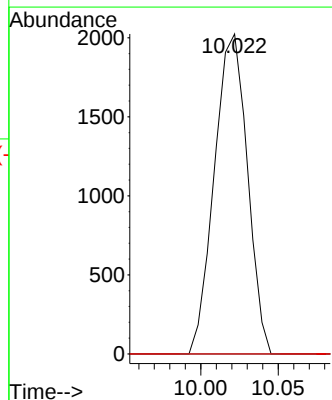
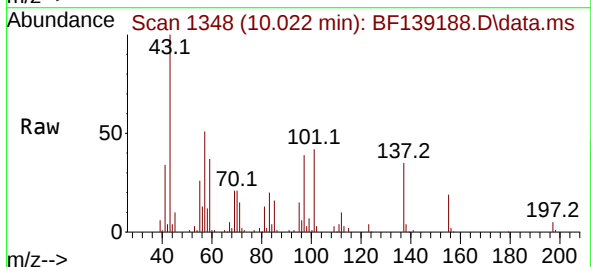
Instrument :
BNA_F
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UI-5

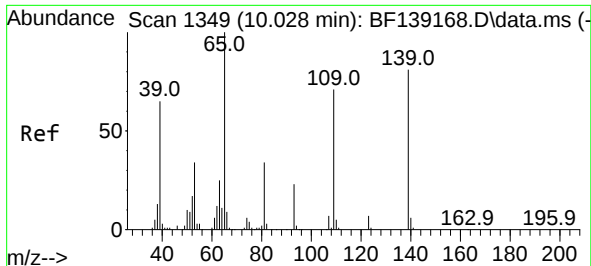
Tgt Ion:165 Resp: 20668
Ion Ratio Lower Upper
165 100
63 1.4 60.1 90.1#
89 1.2 57.0 85.6#



#53
3-Nitroaniline
Concen: 5.805 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.142 min
Lab File: BF139188.D
Acq: 27 Aug 2024 15:48

Tgt Ion:138 Resp: 2999
Ion Ratio Lower Upper
138 100
108 0.0 11.8 17.6#
92 0.0 108.2 162.2#

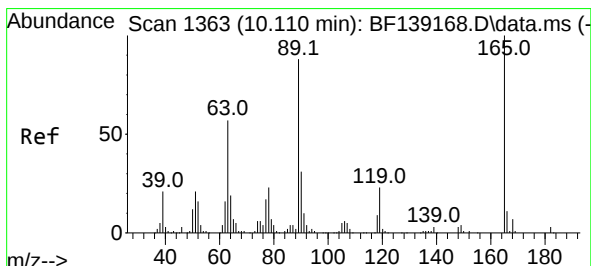
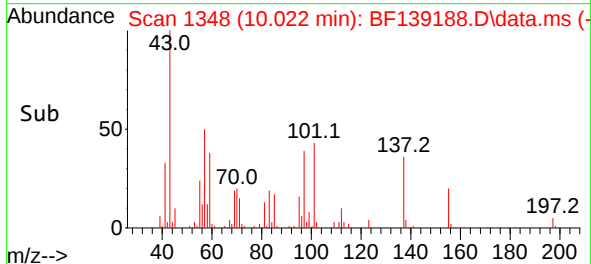
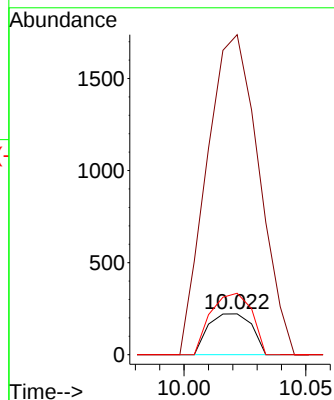
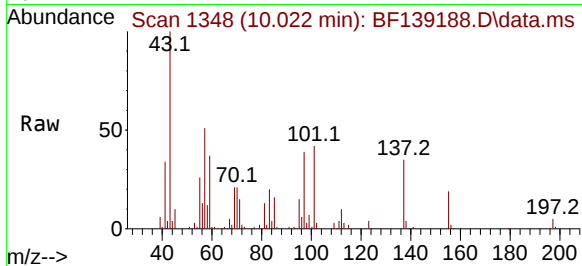




#56
4-Nitrophenol
Concen: 5.313 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139188.D
Acq: 27 Aug 2024 15:48

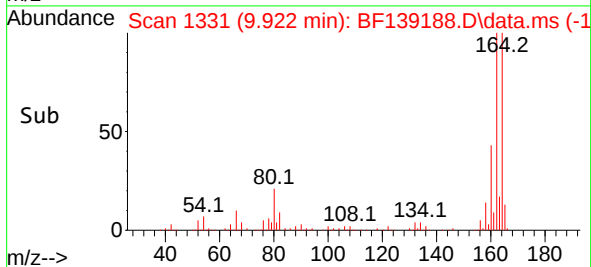
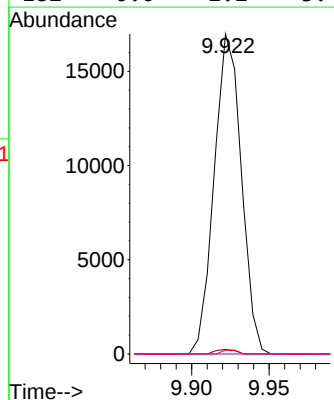
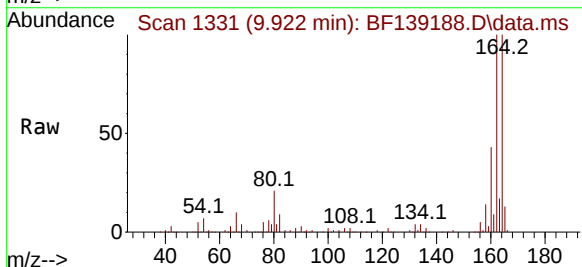
Instrument :
BNA_F
ClientSampleId :
UI-5

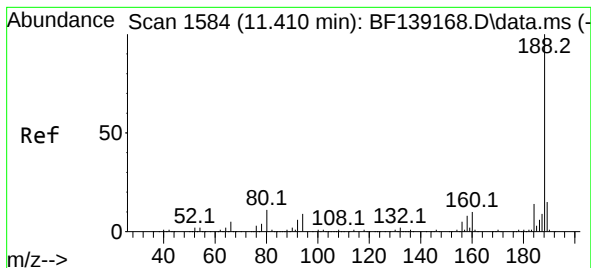
Tgt Ion:139 Resp: 274
Ion Ratio Lower Upper
139 100
109 782.9 68.2 108.2#
65 150.5 104.7 144.7#



#57
2,4-Dinitrotoluene
Concen: 13.247 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139188.D
Acq: 27 Aug 2024 15:48

Tgt Ion:165 Resp: 20668
Ion Ratio Lower Upper
165 100
63 1.4 46.2 69.2#
89 1.2 70.2 105.4#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139188.D

Acq: 27 Aug 2024 15:48

Instrument :

BNA_F

ClientSampleId :

UI-5

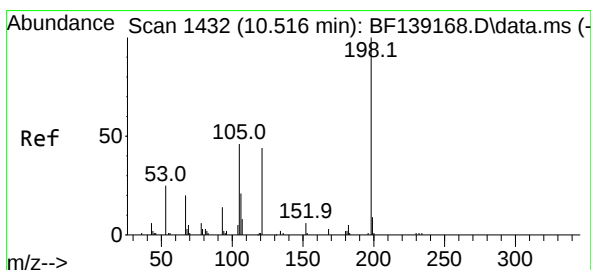
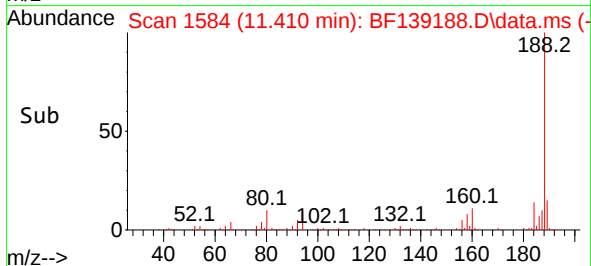
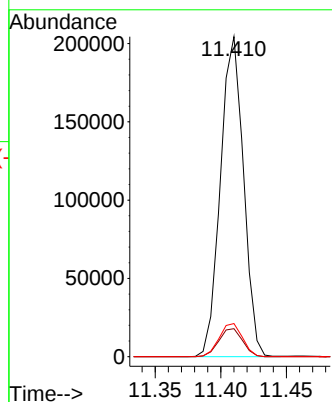
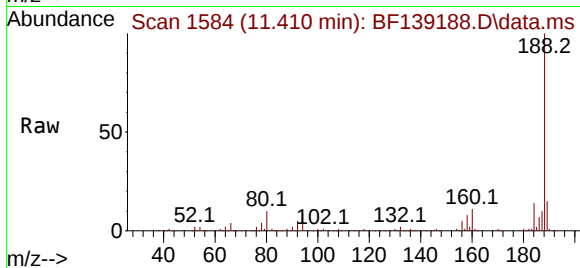
Tgt Ion:188 Resp: 249990

Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

80 10.4 8.9 13.3



#65

4,6-Dinitro-2-methylphenol

Concen: 7.258 ng

RT: 10.710 min Scan# 1465

Delta R.T. 0.194 min

Lab File: BF139188.D

Acq: 27 Aug 2024 15:48

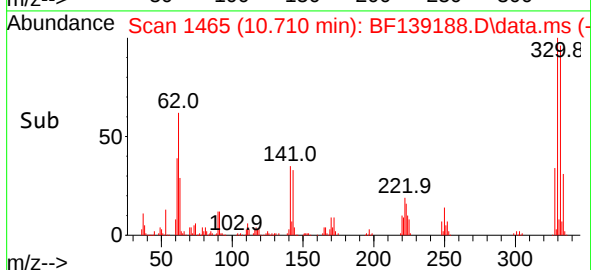
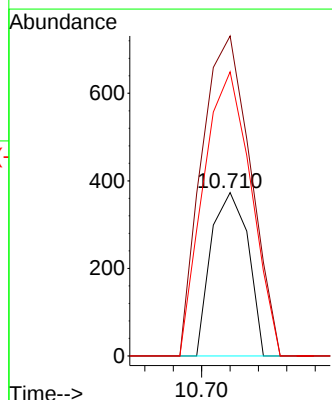
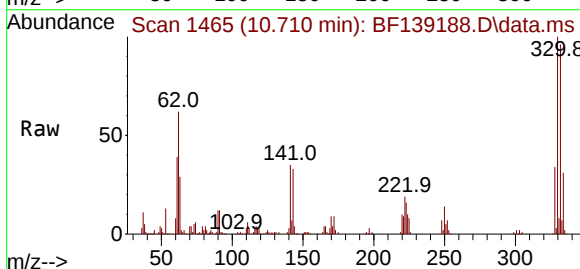
Tgt Ion:198 Resp: 338

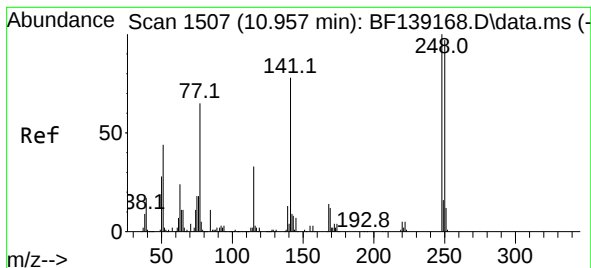
Ion Ratio Lower Upper

198 100

51 196.0 39.2 79.2#

105 174.0 29.3 69.3#

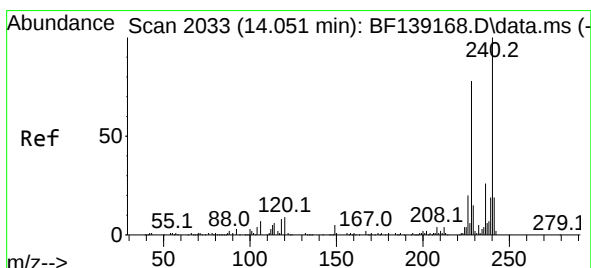
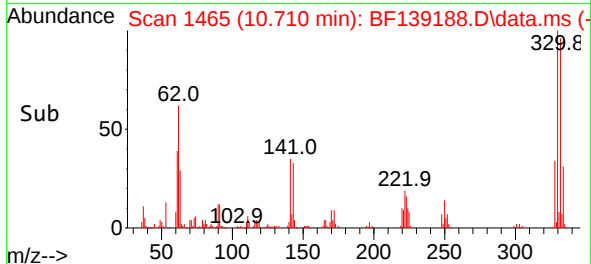
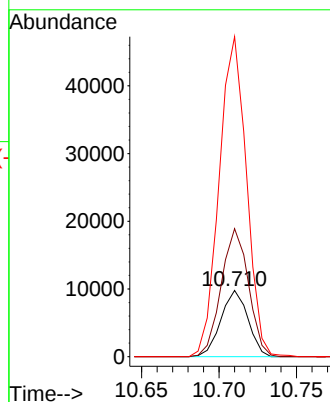
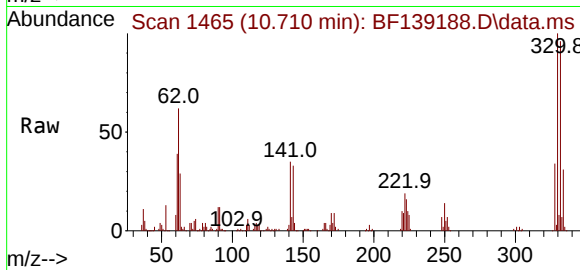




#67
4-Bromophenyl-phenylether
Concen: 4.470 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF139188.D
Acq: 27 Aug 2024 15:48

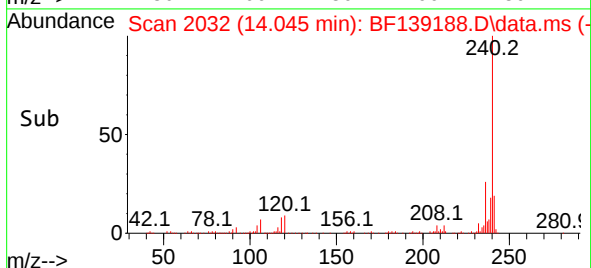
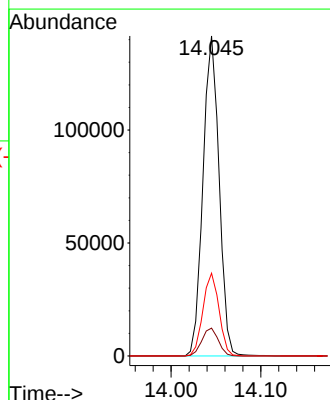
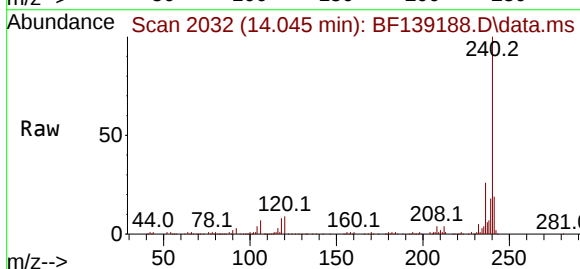
Instrument :
BNA_F
ClientSampleId :
UI-5

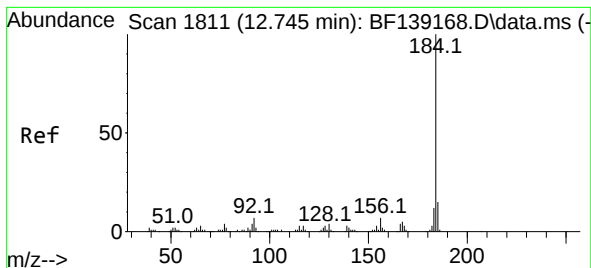
Tgt Ion:248 Resp: 11873
Ion Ratio Lower Upper
248 100
250 193.3 78.0 117.0#
141 483.2 62.6 94.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139188.D
Acq: 27 Aug 2024 15:48

Tgt Ion:240 Resp: 176511
Ion Ratio Lower Upper
240 100
120 8.7 6.9 10.3
236 25.9 20.9 31.3





#77

Benzidine

Concen: 3.165 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.247 min

Lab File: BF139188.D

Acq: 27 Aug 2024 15:48

Instrument :

BNA_F

ClientSampleId :

UI-5

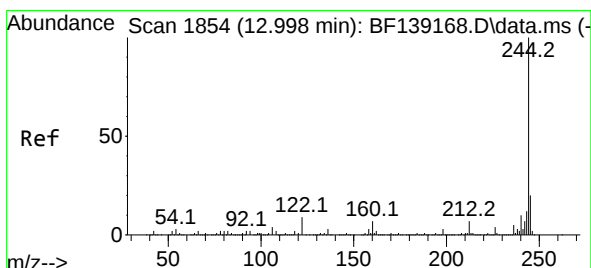
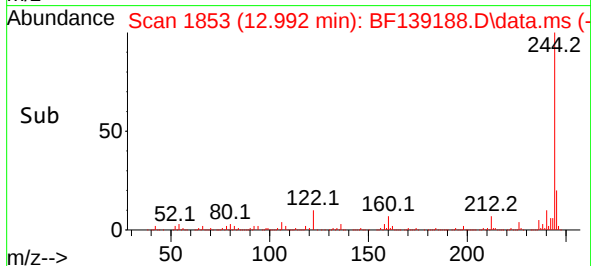
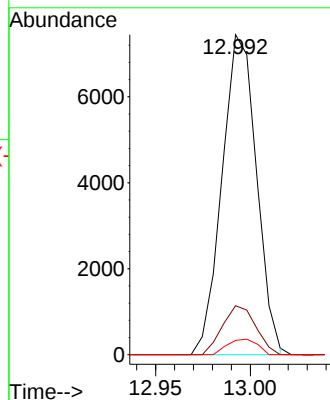
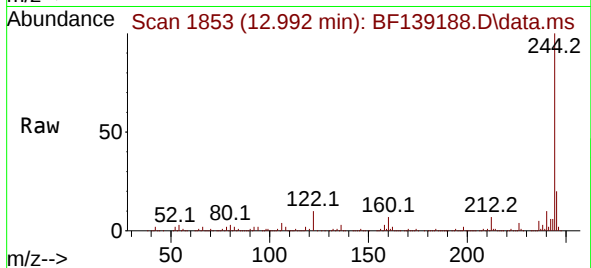
Tgt Ion:184 Resp: 9426

Ion Ratio Lower Upper

184 100

185 15.3 12.1 18.1

183 4.5 9.4 14.0#



#79

Terphenyl-d14

Concen: 63.320 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF139188.D

Acq: 27 Aug 2024 15:48

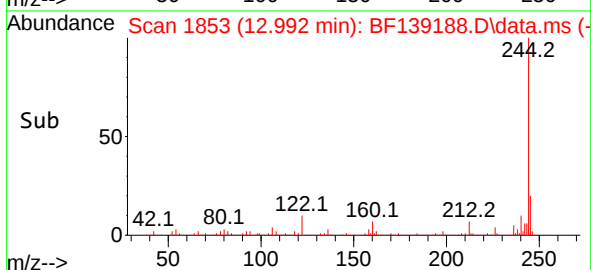
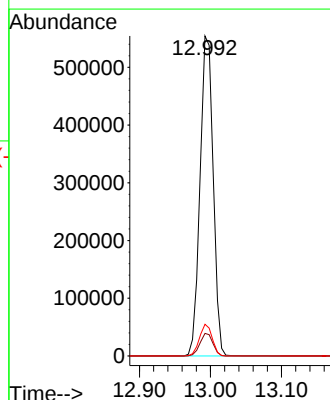
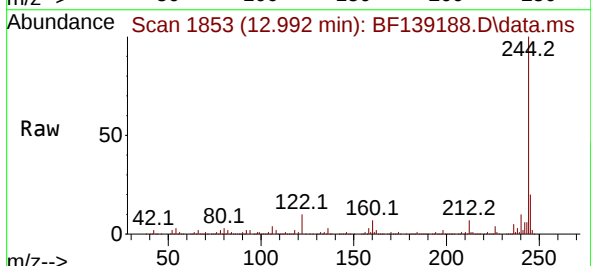
Tgt Ion:244 Resp: 716300

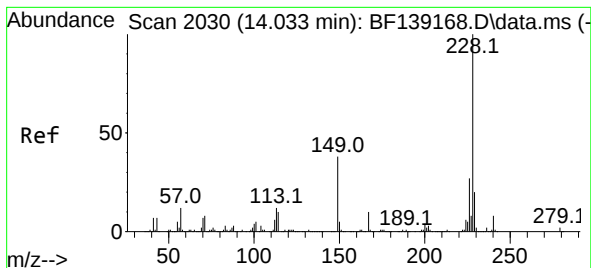
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 9.9 7.6 11.4

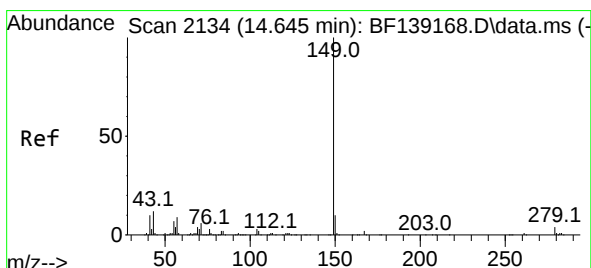
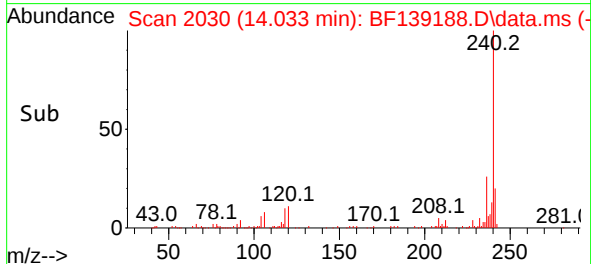
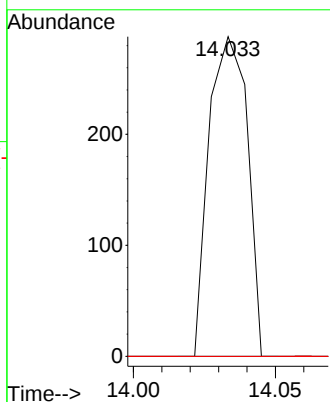
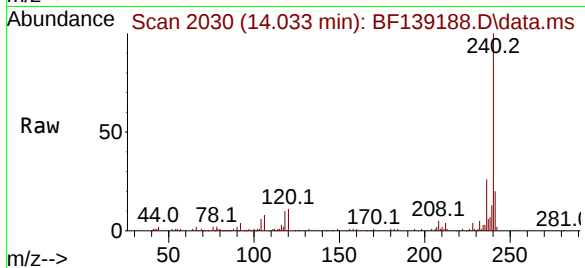




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.217 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF139188.D
Acq: 27 Aug 2024 15:48

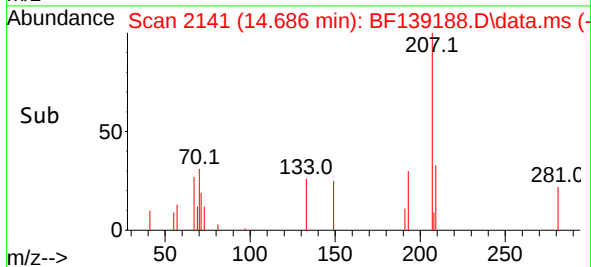
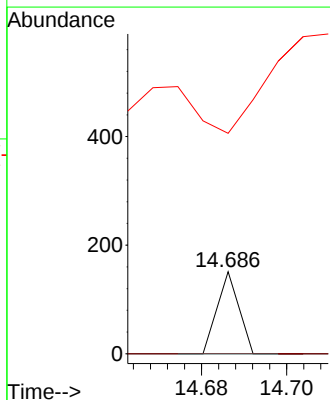
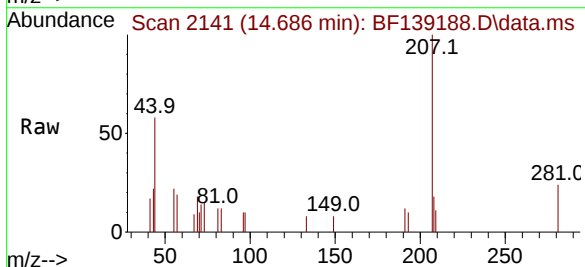
Instrument :
BNA_F
ClientSampleId :
UI-5

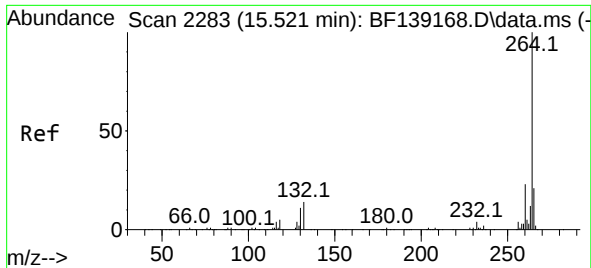
Tgt Ion:149 Resp: 271
Ion Ratio Lower Upper
149 100
167 0.0 21.3 31.9#
279 0.0 3.4 5.0#



#85
Di-n-octyl phthalate
Concen: 8.958 ng
RT: 14.686 min Scan# 2141
Delta R.T. 0.041 min
Lab File: BF139188.D
Acq: 27 Aug 2024 15:48

Tgt Ion:149 Resp: 53
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 0.0 9.9 14.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.516 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF139188.D
Acq: 27 Aug 2024 15:48

Instrument :
BNA_F
ClientSampleId :
UI-5

Tgt Ion:264	Resp:	158852
Ion	Ratio	Lower Upper
264	100	
260	23.3	18.3 27.5
265	21.7	17.0 25.6

