

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
 Data File : BF139142.D
 Acq On : 23 Aug 2024 12:44
 Operator : RC/JU
 Sample : P3669-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20430

Quant Time: Aug 23 13:13:05 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)

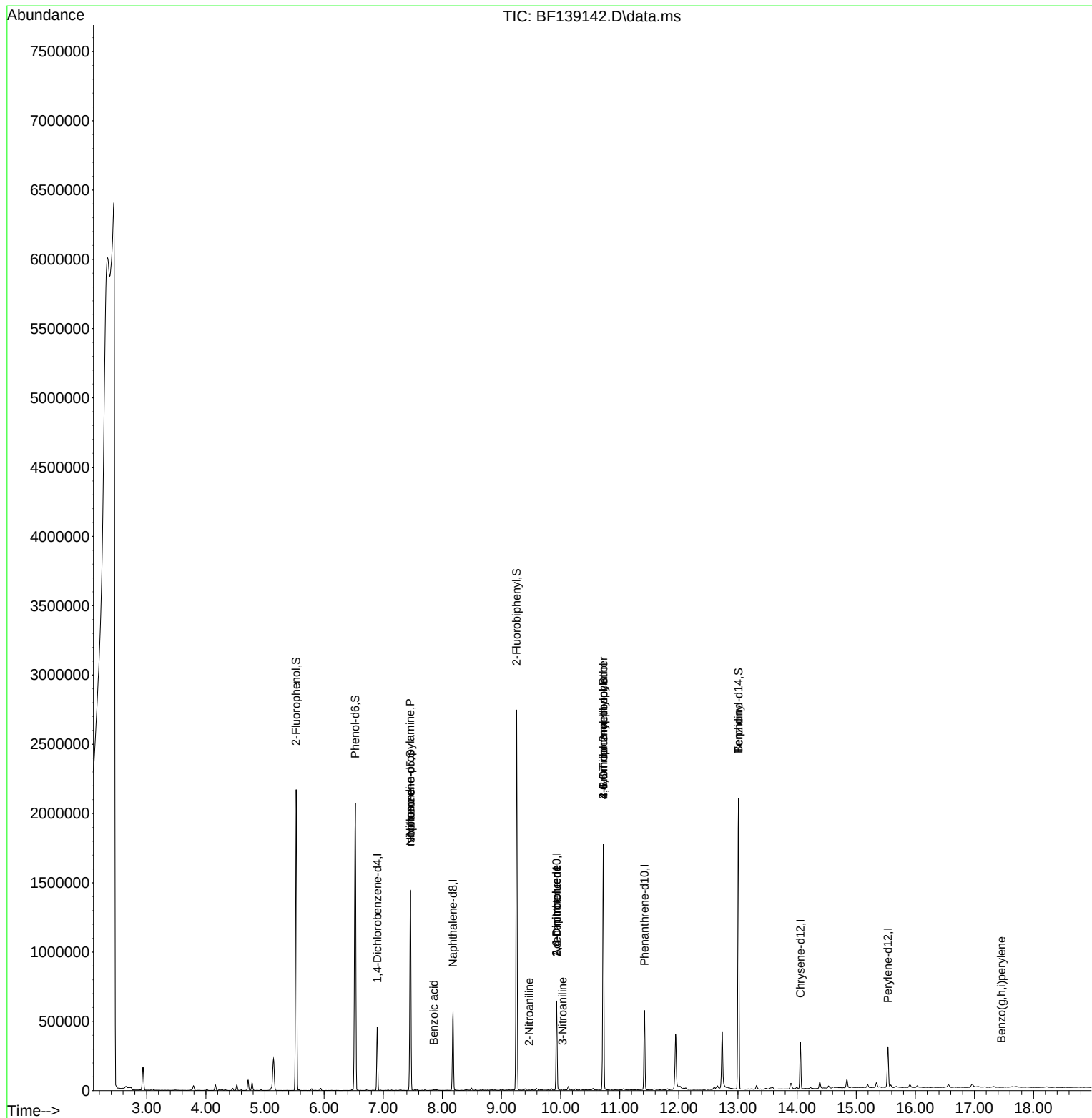
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	86207	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	322970	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	181312	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	296950	20.000	ng	0.00
76) Chrysene-d12	14.057	240	148166	20.000	ng	0.00
86) Perylene-d12	15.539	264	172519	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	771464	137.682	ng	0.02
7) Phenol-d6	6.528	99	993474	137.218	ng	0.00
23) Nitrobenzene-d5	7.463	82	689453	124.390	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	281367	171.420	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1167404	102.156	ng	0.00
79) Terphenyl-d14	13.010	244	1013388	113.488	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.457	70	95838	20.157	ng	# 80
25) Isophorone	7.463	82	689074	58.491	ng	# 69
32) Benzoic acid	7.857	122	1111	8.642	ng	94
48) 2-Nitroaniline	9.469	65	191	5.715	ng	# 40
51) 2,6-Dinitrotoluene	9.933	165	22651	13.656	ng	# 17
53) 3-Nitroaniline	10.033	138	221	4.263	ng	# 1
57) 2,4-Dinitrotoluene	9.933	165	22651	12.663	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.722	198	673	7.150	ng	# 1
67) 4-Bromophenyl-phenylether	10.722	248	19973	6.348	ng	# 1
77) Benzidine	13.010	184	14109	4.610	ng	# 91
92) Benzo(g,h,i)perylene	17.456	276	292	2.823	ng	# 55

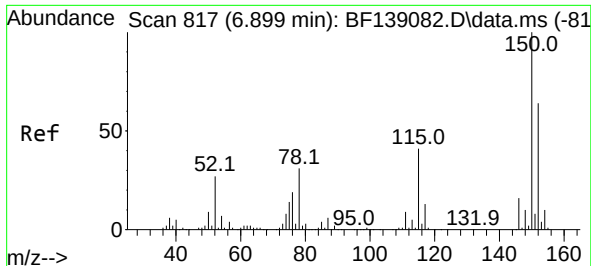
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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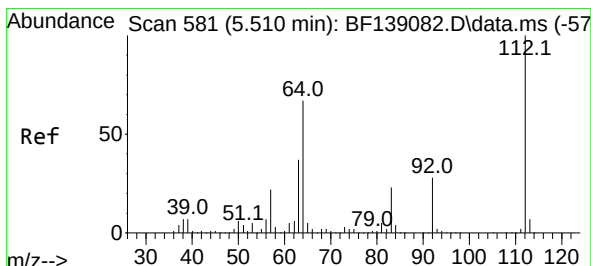
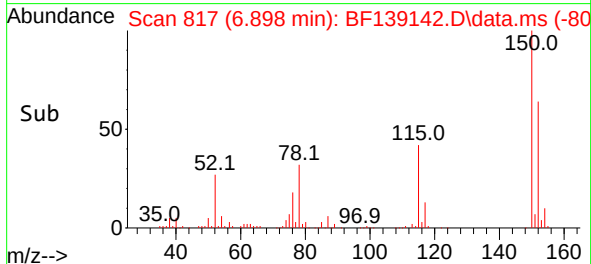
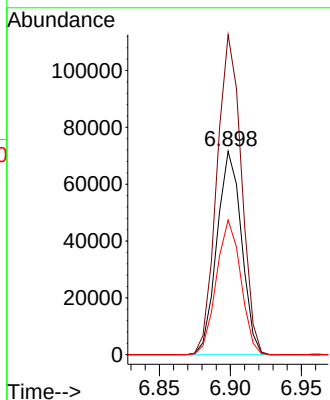
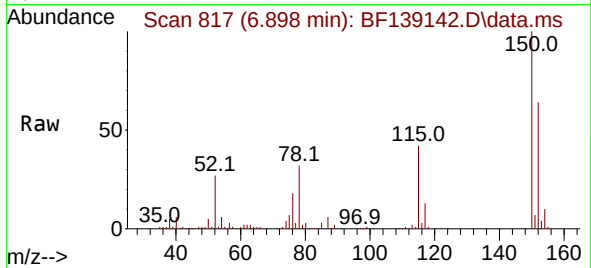




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.001 min
Lab File: BF139142.D
Acq: 23 Aug 2024 12:44

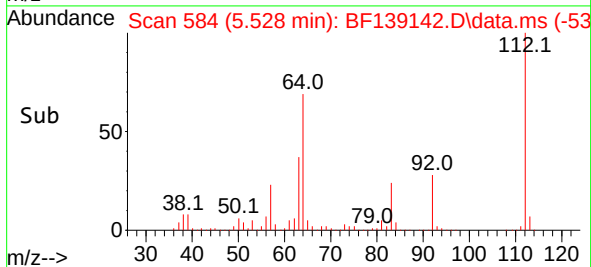
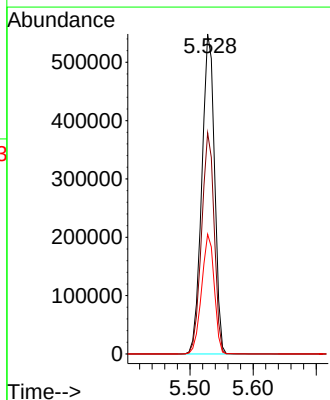
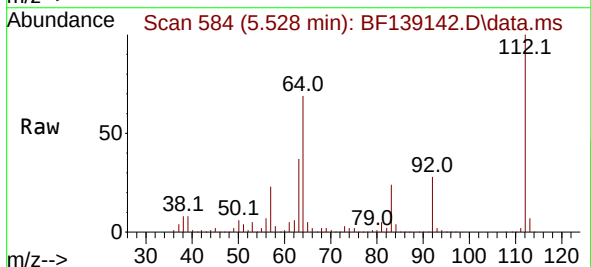
Instrument :
BNA_F
ClientSampleId :
20430

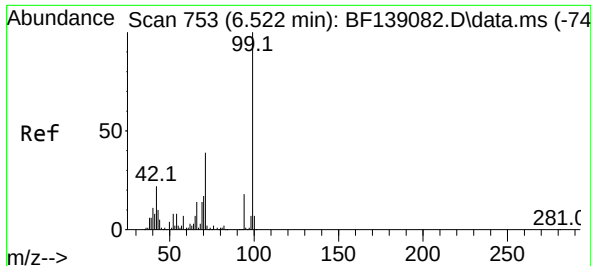
Tgt Ion:152 Resp: 86207
Ion Ratio Lower Upper
152 100
150 157.3 125.1 187.7
115 66.2 51.8 77.6



#5
2-Fluorophenol
Concen: 137.682 ng
RT: 5.528 min Scan# 584
Delta R.T. 0.017 min
Lab File: BF139142.D
Acq: 23 Aug 2024 12:44

Tgt Ion:112 Resp: 771464
Ion Ratio Lower Upper
112 100
64 69.1 53.8 80.6
63 37.4 29.4 44.2

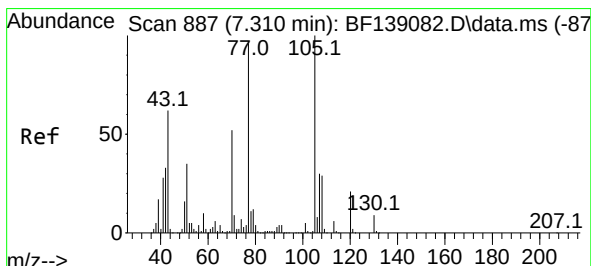
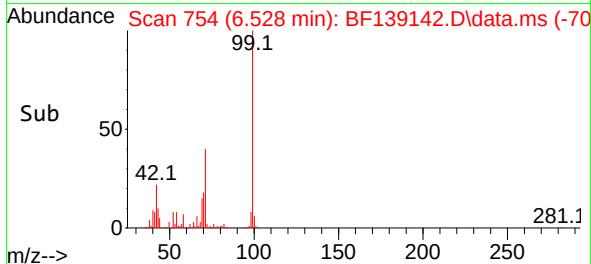
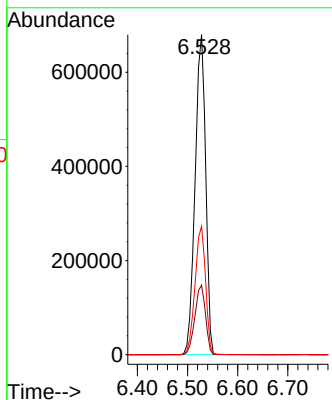
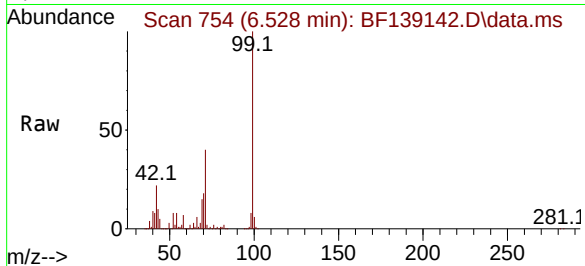




#7
Phenol-d6
Concen: 137.218 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139142.D
Acq: 23 Aug 2024 12:44

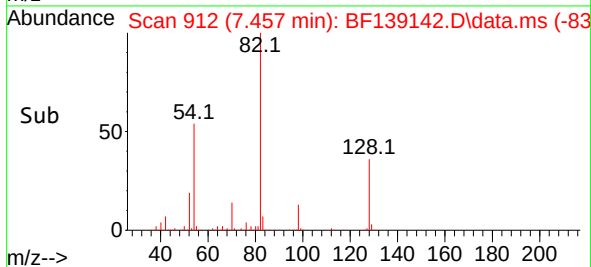
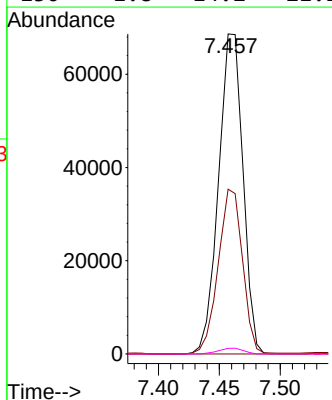
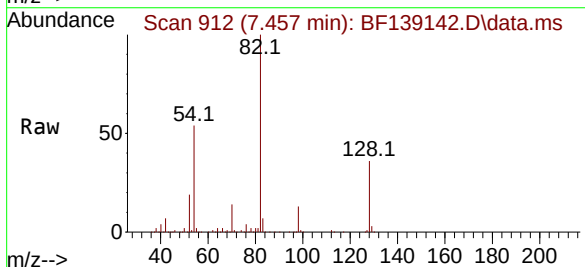
Instrument :
BNA_F
ClientSampleId :
20430

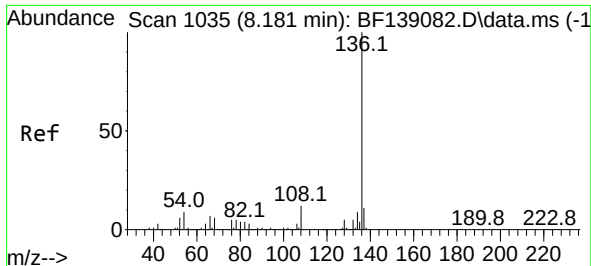
Tgt Ion: 99 Resp: 993474
Ion Ratio Lower Upper
99 100
42 21.7 17.4 26.2
71 40.2 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.157 ng
RT: 7.457 min Scan# 912
Delta R.T. 0.147 min
Lab File: BF139142.D
Acq: 23 Aug 2024 12:44

Tgt Ion: 70 Resp: 95838
Ion Ratio Lower Upper
70 100
42 51.5 50.5 75.7
101 0.0 7.2 10.8#
130 1.8 14.2 21.2#

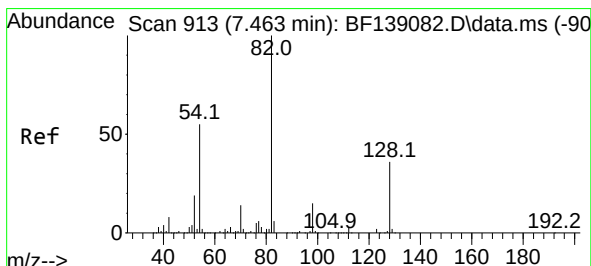
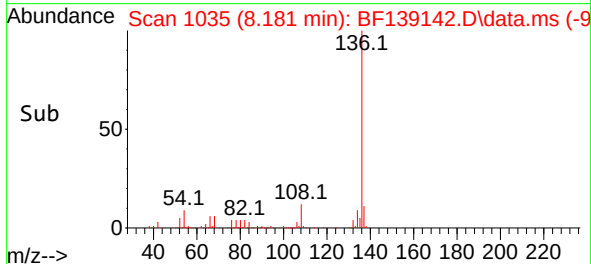
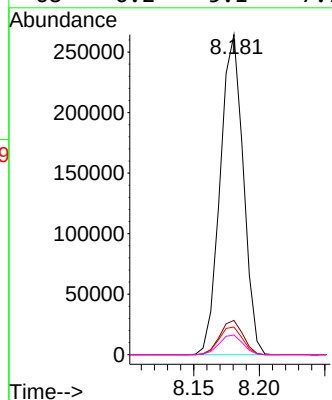
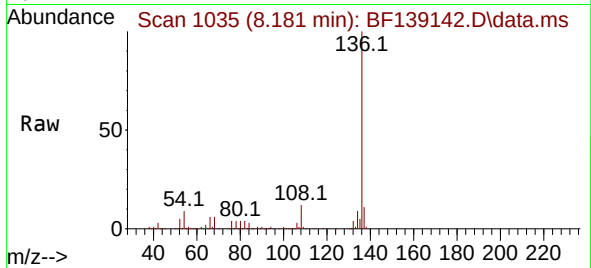




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139142.D
Acq: 23 Aug 2024 12:44

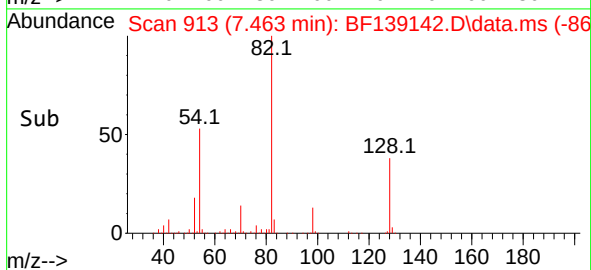
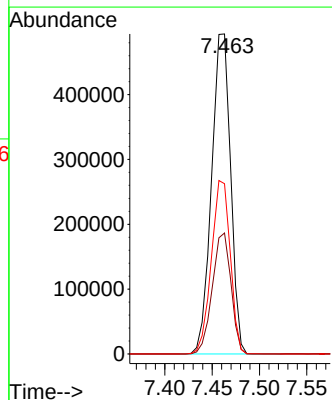
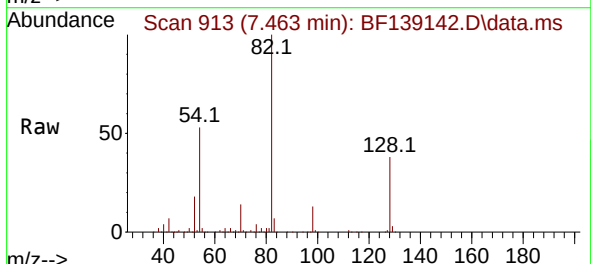
Instrument :
BNA_F
ClientSampleId :
20430

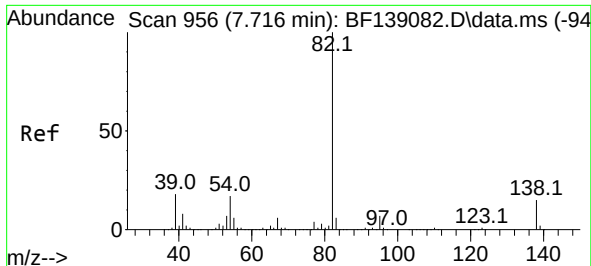
Tgt Ion:	136	Resp:	322970
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	8.7	7.6	11.4
68	6.2	5.1	7.7



#23
Nitrobenzene-d5
Concen: 124.390 ng
RT: 7.463 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF139142.D
Acq: 23 Aug 2024 12:44

Tgt Ion:	82	Resp:	689453
Ion	Ratio	Lower	Upper
82	100		
128	37.8	29.0	43.4
54	53.2	43.4	65.2

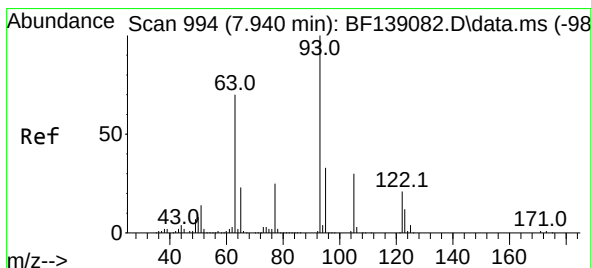
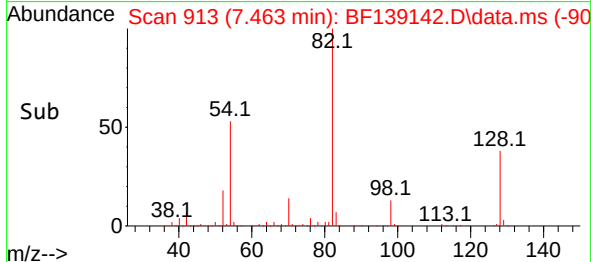
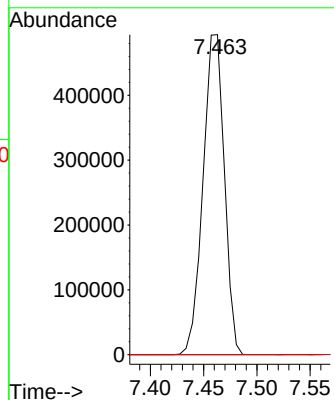
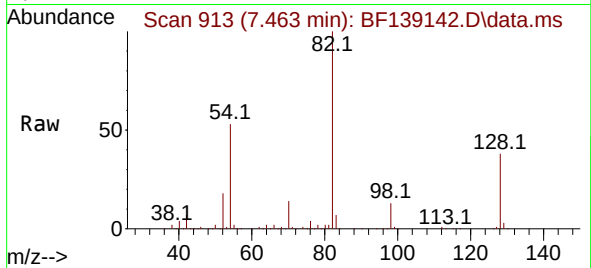




#25
Isophorone
Concen: 58.491 ng
RT: 7.463 min Scan# 91
Delta R.T. -0.253 min
Lab File: BF139142.D
Acq: 23 Aug 2024 12:44

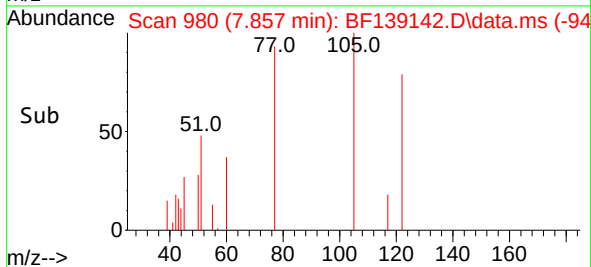
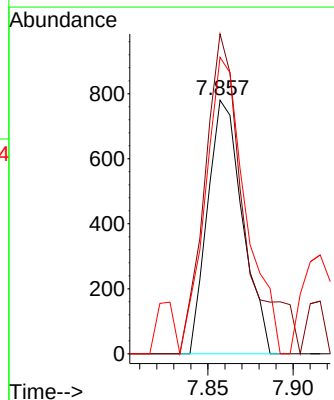
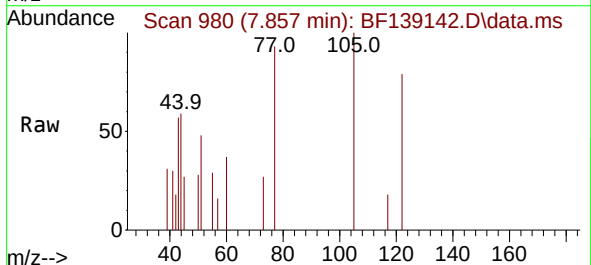
Instrument :
BNA_F
ClientSampleId :
20430

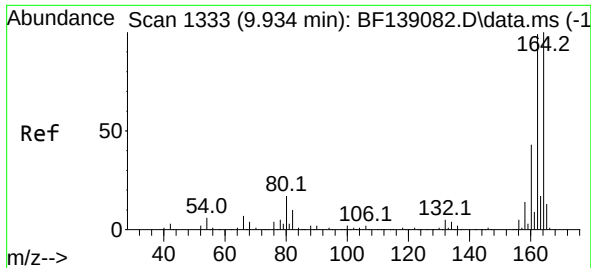
Tgt Ion: 82 Resp: 689074
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 8.642 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.083 min
Lab File: BF139142.D
Acq: 23 Aug 2024 12:44

Tgt Ion: 122 Resp: 1111
Ion Ratio Lower Upper
122 100
105 126.2 119.6 159.6
77 116.9 97.6 137.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1

Delta R.T. -0.001 min

Lab File: BF139142.D

Acq: 23 Aug 2024 12:44

Instrument :

BNA_F

ClientSampleId :

20430

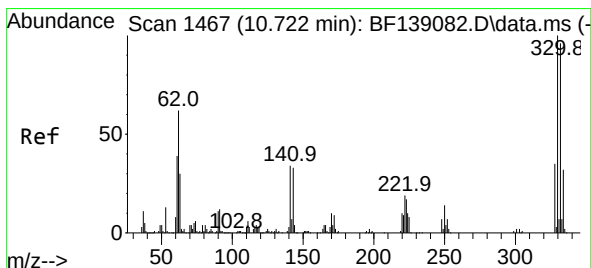
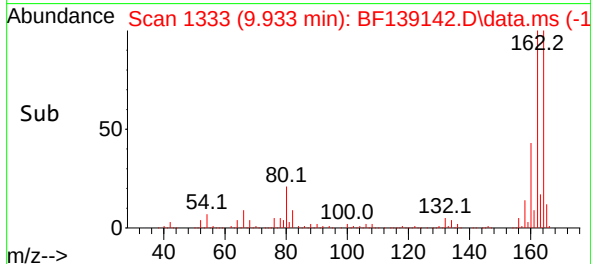
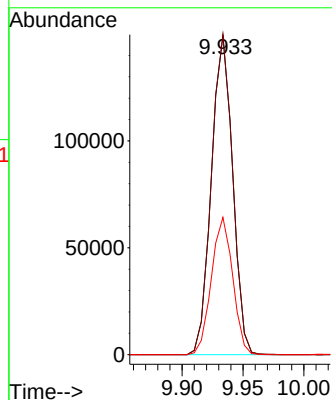
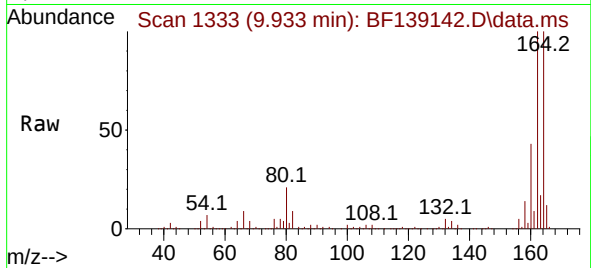
Tgt Ion:164 Resp: 181312

Ion Ratio Lower Upper

164 100

162 100.3 79.5 119.3

160 43.0 34.5 51.7



#42

2,4,6-Tribromophenol

Concen: 171.420 ng

RT: 10.722 min Scan# 1467

Delta R.T. -0.000 min

Lab File: BF139142.D

Acq: 23 Aug 2024 12:44

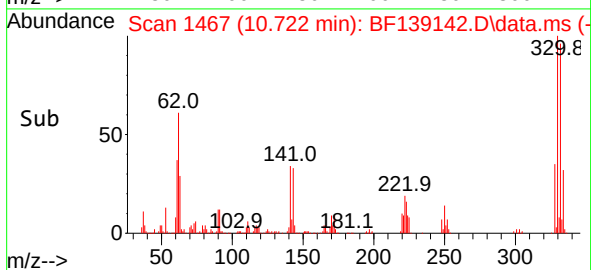
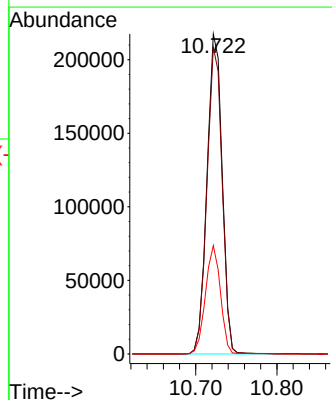
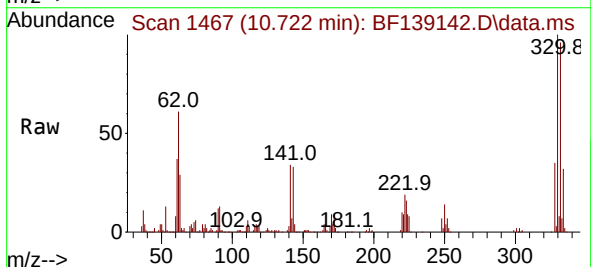
Tgt Ion:330 Resp: 281367

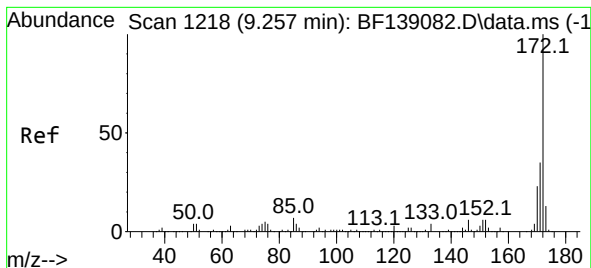
Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

141 33.6 27.5 41.3





#45

2-Fluorobiphenyl

Concen: 102.156 ng

RT: 9.257 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139142.D

Acq: 23 Aug 2024 12:44

Instrument :

BNA_F

ClientSampleId :

20430

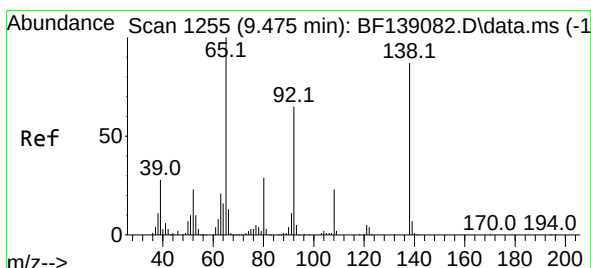
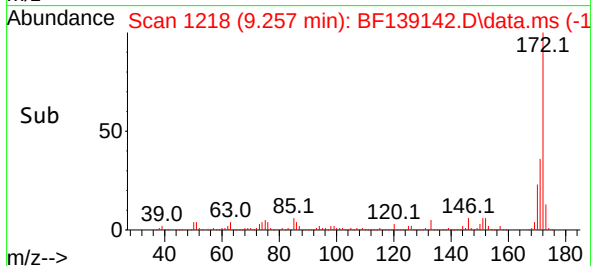
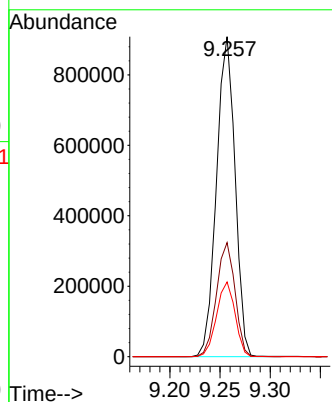
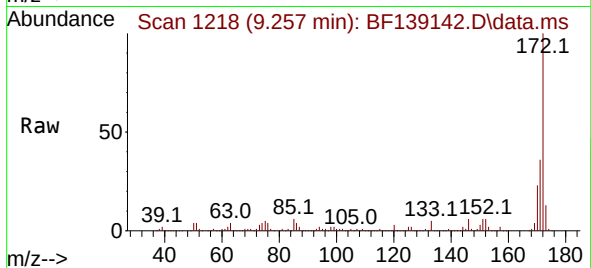
Tgt Ion:172 Resp: 1167404

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.3 18.8 28.2



#48

2-Nitroaniline

Concen: 5.715 ng

RT: 9.469 min Scan# 1254

Delta R.T. -0.006 min

Lab File: BF139142.D

Acq: 23 Aug 2024 12:44

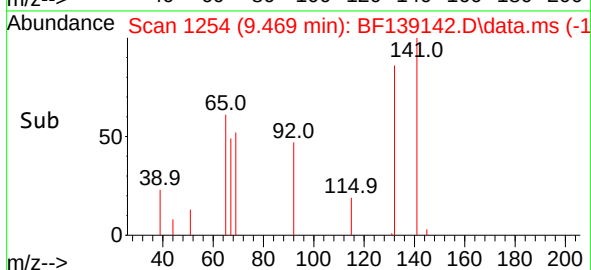
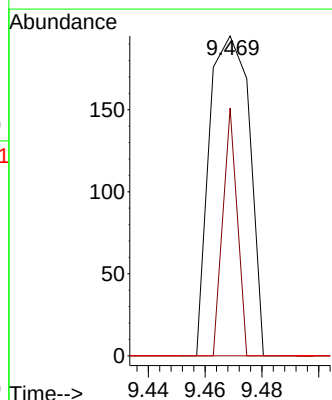
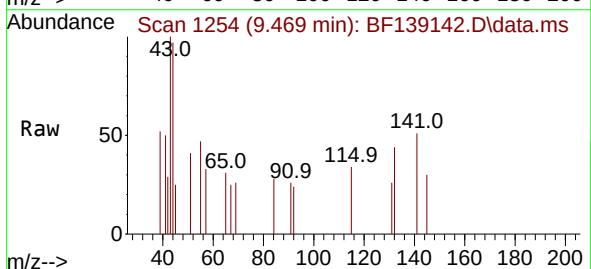
Tgt Ion: 65 Resp: 191

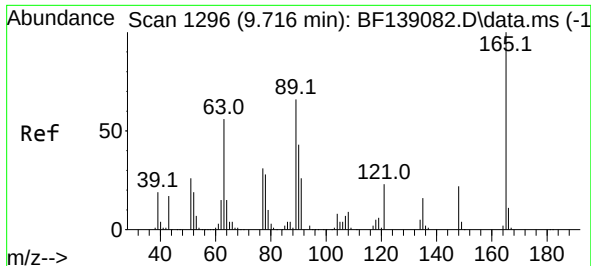
Ion Ratio Lower Upper

65 100

92 77.4 52.4 78.6

138 0.0 69.4 104.0#

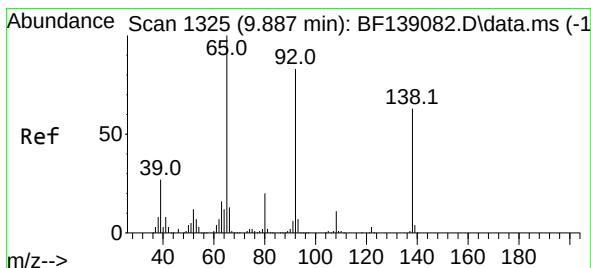
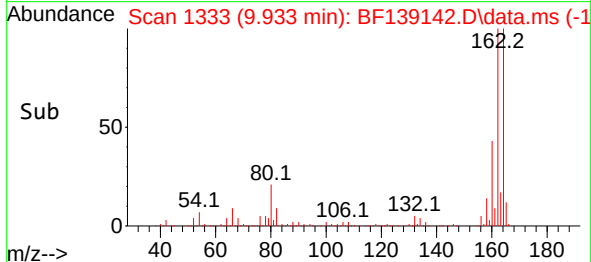
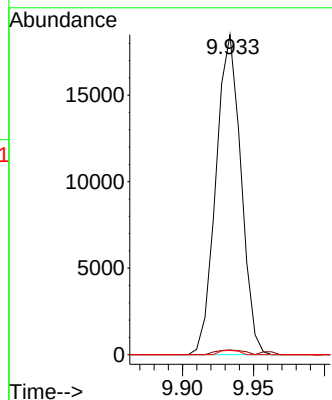
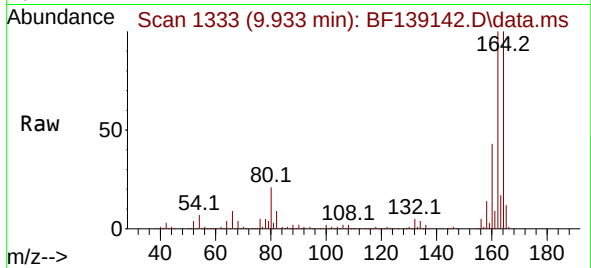




#51
2,6-Dinitrotoluene
Concen: 13.656 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.217 min
Lab File: BF139142.D
Acq: 23 Aug 2024 12:44

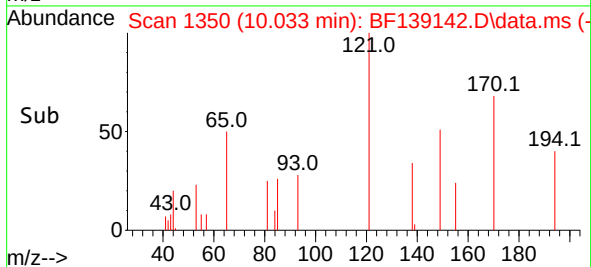
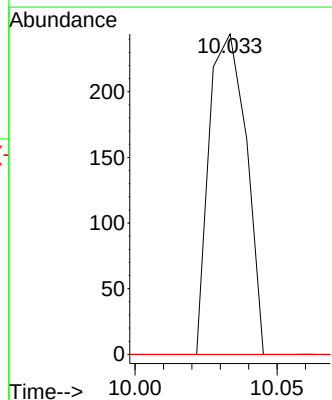
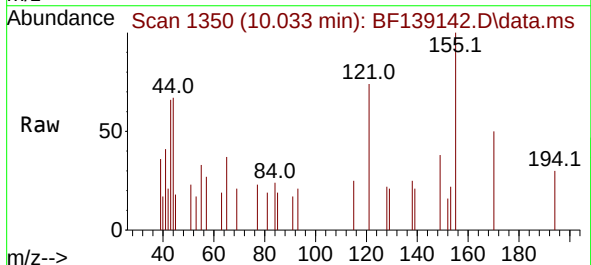
Instrument :
BNA_F
ClientSampleId :
20430

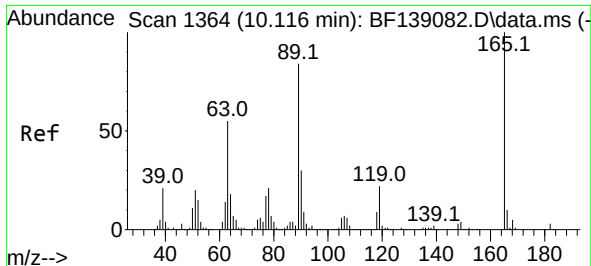
Tgt Ion:165 Resp: 22651
Ion Ratio Lower Upper
165 100
63 1.5 58.0 87.0#
89 1.4 53.3 79.9#



#53
3-Nitroaniline
Concen: 4.263 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.146 min
Lab File: BF139142.D
Acq: 23 Aug 2024 12:44

Tgt Ion:138 Resp: 221
Ion Ratio Lower Upper
138 100
108 0.0 14.6 21.8#
92 0.0 105.9 158.9#

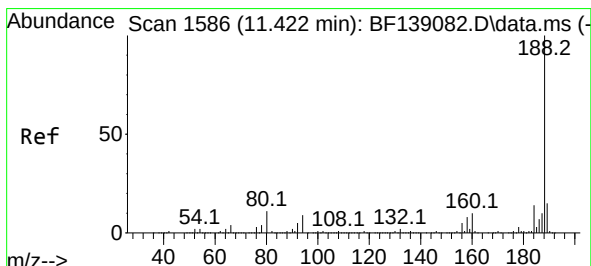
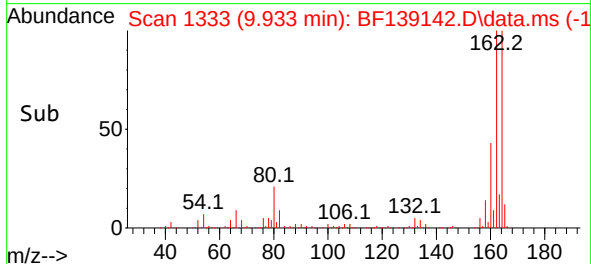
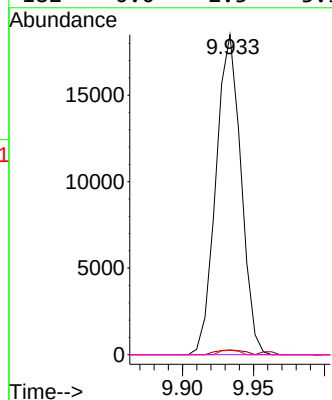
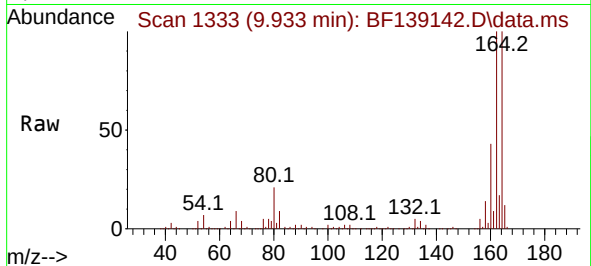




#57
2,4-Dinitrotoluene
Concen: 12.663 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.183 min
Lab File: BF139142.D
Acq: 23 Aug 2024 12:44

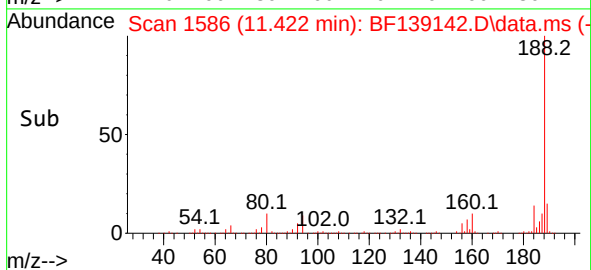
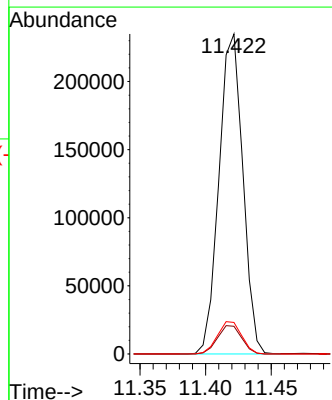
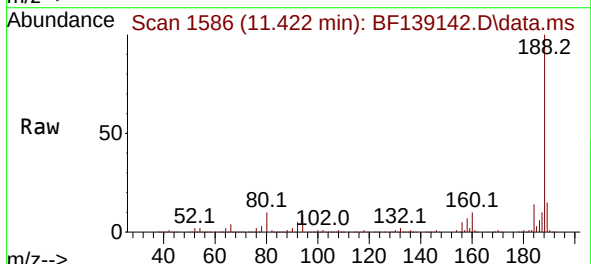
Instrument :
BNA_F
ClientSampleId :
20430

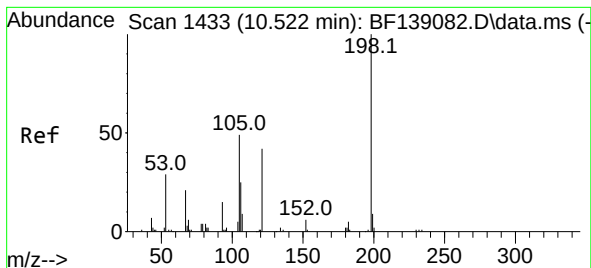
Tgt Ion:165 Resp: 22651
Ion Ratio Lower Upper
165 100
63 1.5 44.2 66.4#
89 1.4 67.4 101.2#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF139142.D
Acq: 23 Aug 2024 12:44

Tgt Ion:188 Resp: 296950
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.8 8.5 12.7

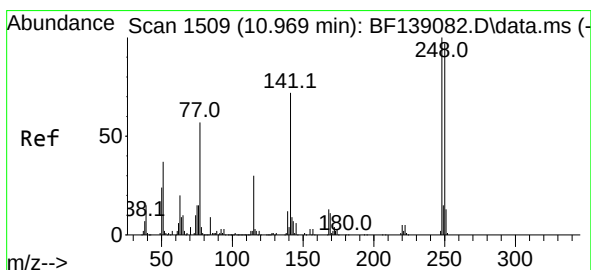
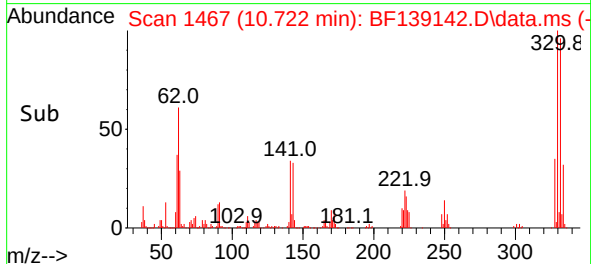
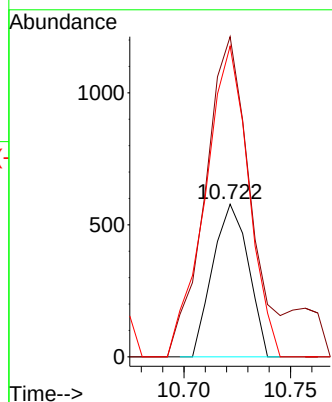
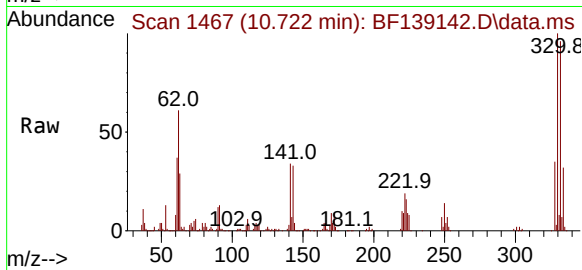




#65
4,6-Dinitro-2-methylphenol
Concen: 7.150 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.200 min
Lab File: BF139142.D
Acq: 23 Aug 2024 12:44

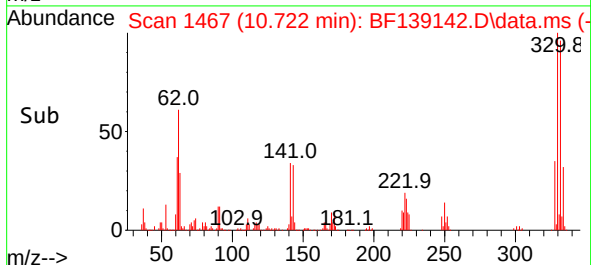
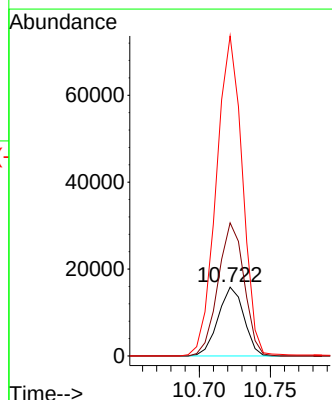
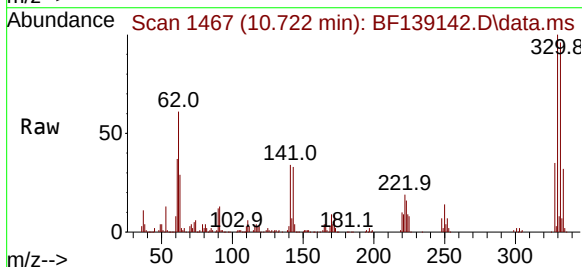
Instrument :
BNA_F
ClientSampleId :
20430

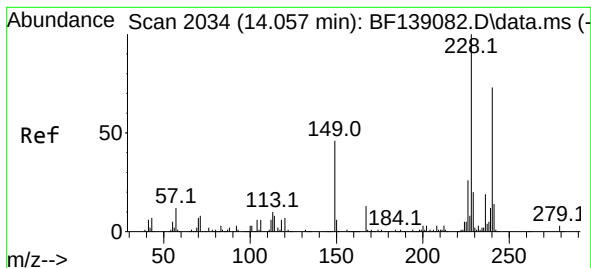
Tgt Ion:198 Resp: 673
Ion Ratio Lower Upper
198 100
51 209.9 40.8 80.8#
105 203.6 30.9 70.9#



#67
4-Bromophenyl-phenylether
Concen: 6.348 ng
RT: 10.722 min Scan# 1467
Delta R.T. -0.247 min
Lab File: BF139142.D
Acq: 23 Aug 2024 12:44

Tgt Ion:248 Resp: 19973
Ion Ratio Lower Upper
248 100
250 193.7 77.8 116.8#
141 465.3 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: BF139142.D

Acq: 23 Aug 2024 12:44

Instrument :

BNA_F

ClientSampleId :

20430

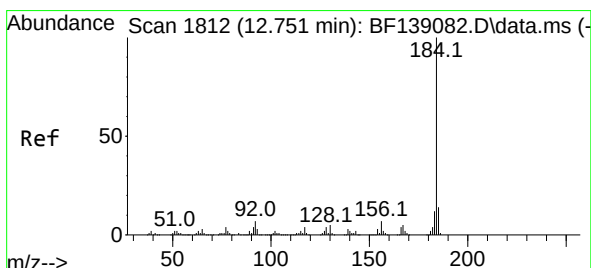
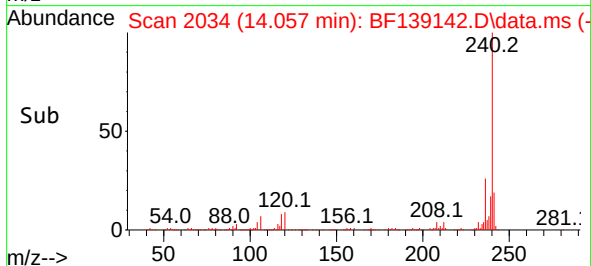
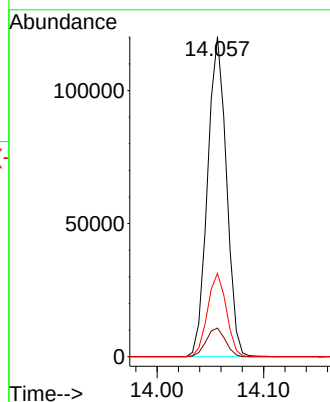
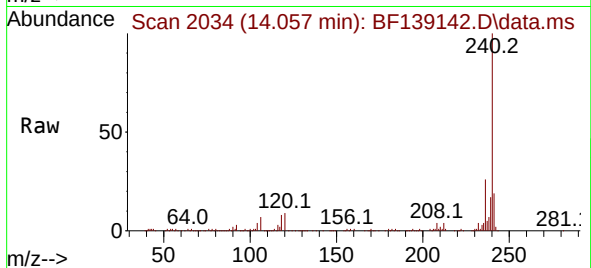
Tgt Ion:240 Resp: 148166

Ion Ratio Lower Upper

240 100

120 8.9 7.8 11.6

236 26.0 20.9 31.3



#77

Benzidine

Concen: 4.610 ng

RT: 13.010 min Scan# 1856

Delta R.T. 0.259 min

Lab File: BF139142.D

Acq: 23 Aug 2024 12:44

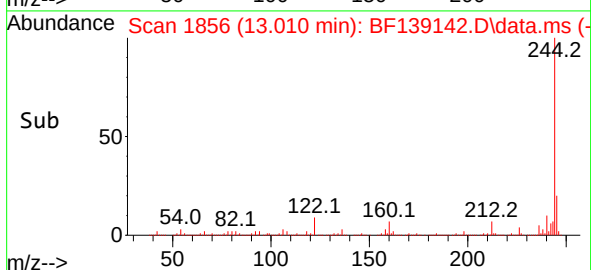
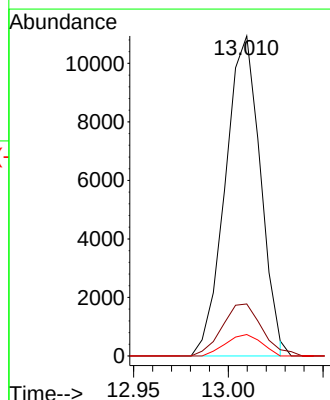
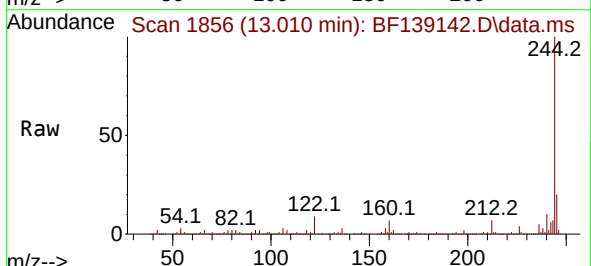
Tgt Ion:184 Resp: 14109

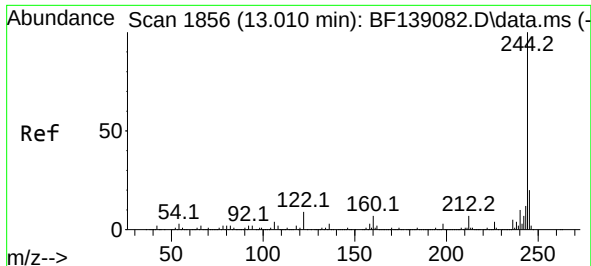
Ion Ratio Lower Upper

184 100

185 16.3 11.5 17.3

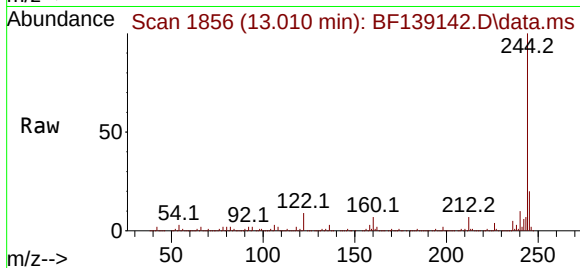
183 6.7 9.8 14.6#



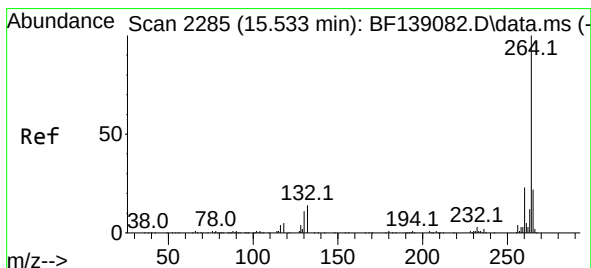
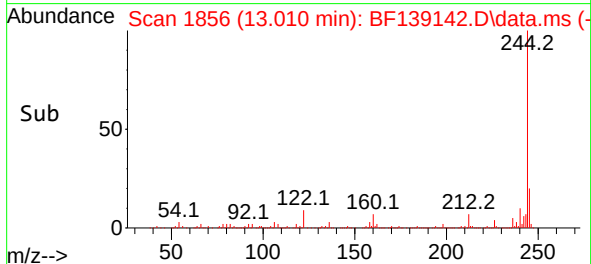
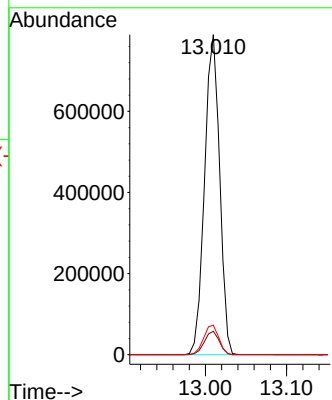


#79
Terphenyl-d14
Concen: 113.488 ng
RT: 13.010 min Scan# 1856
Delta R.T. -0.000 min
Lab File: BF139142.D
Acq: 23 Aug 2024 12:44

Instrument :
BNA_F
ClientSampleId :
20430

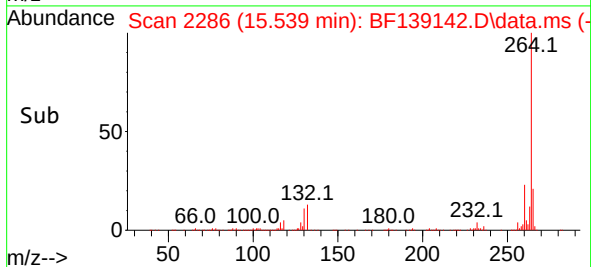
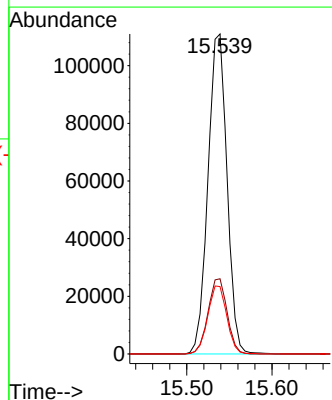
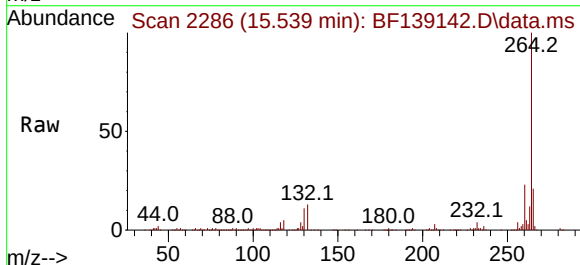


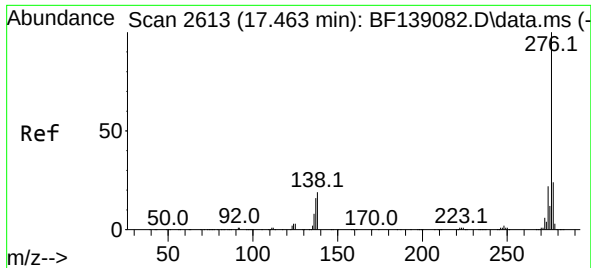
Tgt Ion:244 Resp: 1013388
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 9.2 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2286
Delta R.T. 0.006 min
Lab File: BF139142.D
Acq: 23 Aug 2024 12:44

Tgt Ion:264 Resp: 172519
Ion Ratio Lower Upper
264 100
260 23.5 18.6 27.8
265 21.1 17.4 26.2





#92
 Benzo(g,h,i)perylene
 Concen: 2.823 ng
 RT: 17.456 min Scan# 20430
 Delta R.T. -0.007 min
 Lab File: BF139142.D
 Acq: 23 Aug 2024 12:44

Instrument :
 BNA_F
 ClientSampleId :
 20430

Tgt Ion:	276	Resp:	292
Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.8	28.2#
138	0.0	15.0	22.4#

