

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
 Data File : BF139147.D
 Acq On : 23 Aug 2024 15:12
 Operator : RC/JU
 Sample : P3689-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Aug 23 15:36:09 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)

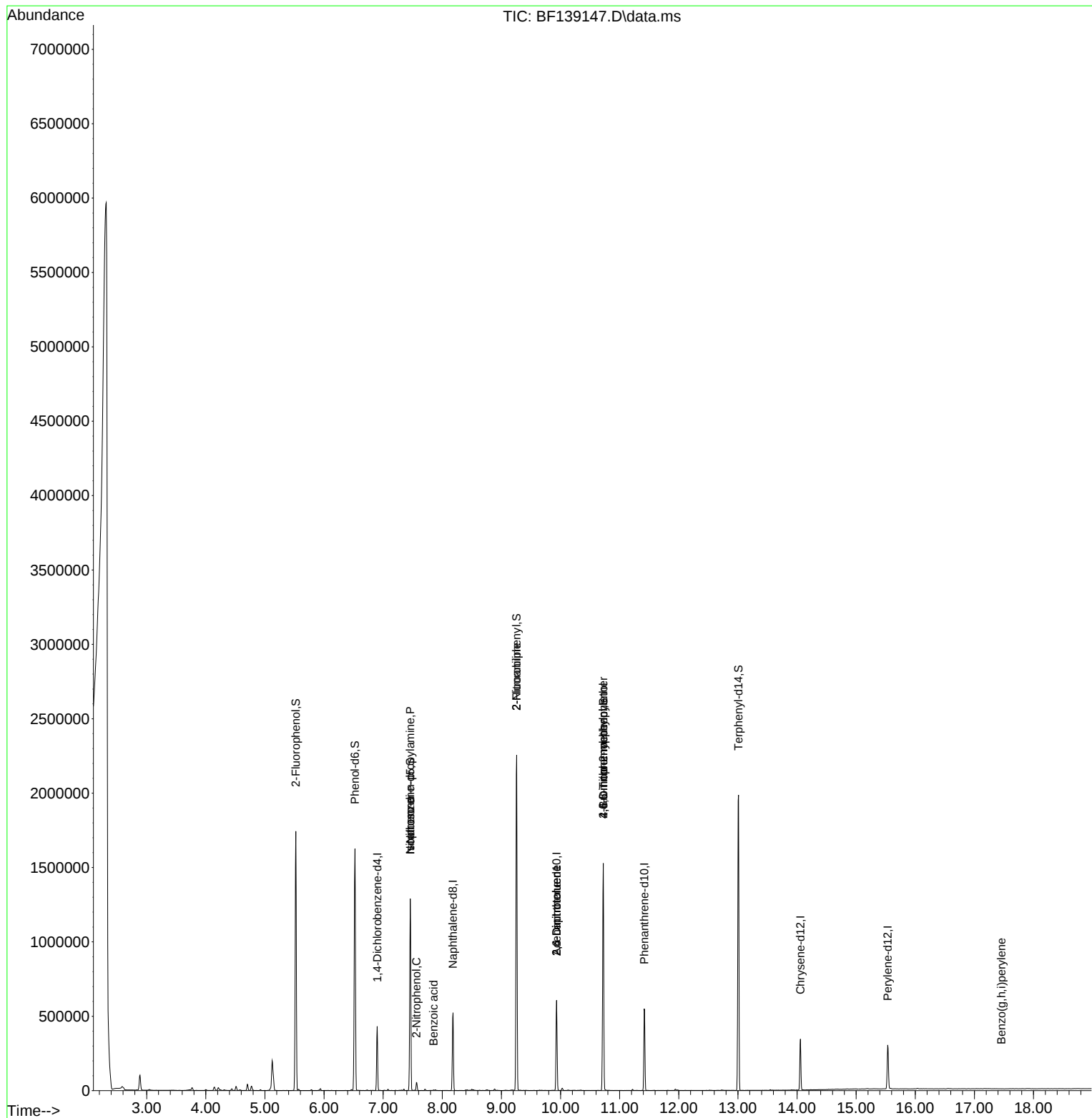
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	82243	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	303274	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	173605	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	287626	20.000	ng	0.00
76) Chrysene-d12	14.057	240	159122	20.000	ng	0.00
86) Perylene-d12	15.533	264	174096	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	601831	112.584	ng	0.01
7) Phenol-d6	6.522	99	735313	106.456	ng	0.00
23) Nitrobenzene-d5	7.457	82	577420	110.943	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	239170	152.180	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	962016	87.921	ng	0.00
79) Terphenyl-d14	13.010	244	990060	103.242	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	79667	17.563	ng	# 80
25) Isophorone	7.457	82	576147	52.082	ng	# 69
26) 2-Nitrophenol	7.563	139	619	5.864	ng	# 25
32) Benzoic acid	7.851	122	983	8.625	ng	# 94
48) 2-Nitroaniline	9.257	65	2083	6.321	ng	# 1
51) 2,6-Dinitrotoluene	9.934	165	22407	13.959	ng	# 16
57) 2,4-Dinitrotoluene	9.934	165	22407	12.899	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.722	198	460	6.952	ng	# 1
67) 4-Bromophenyl-phenylether	10.722	248	16411	5.385	ng	# 1
92) Benzo(g,h,i)perylene	17.457	276	53	2.800	ng	# 55

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

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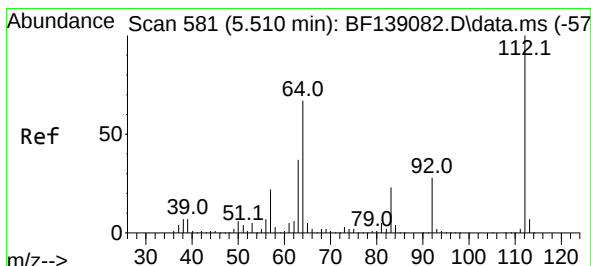
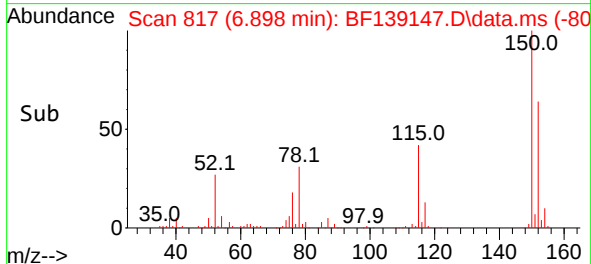
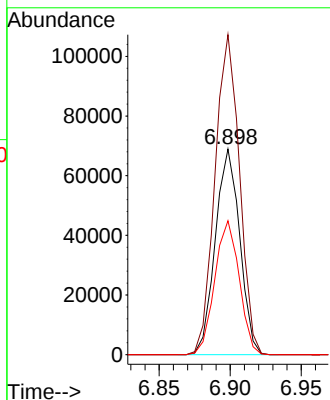
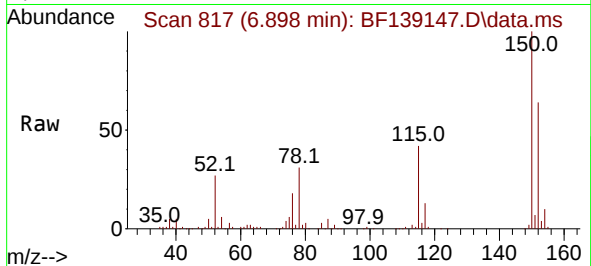




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF139147.D
Acq: 23 Aug 2024 15:12

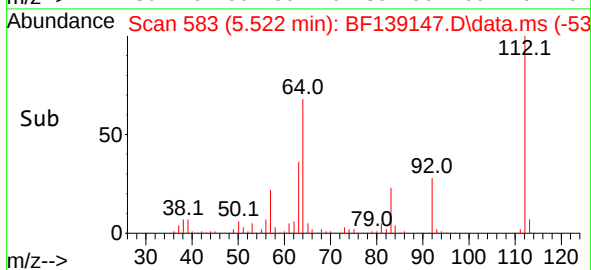
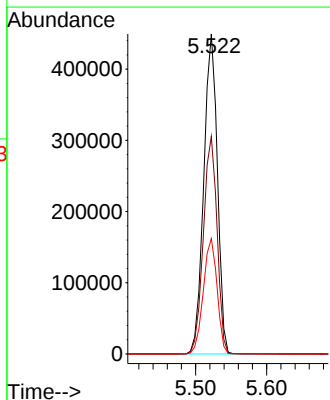
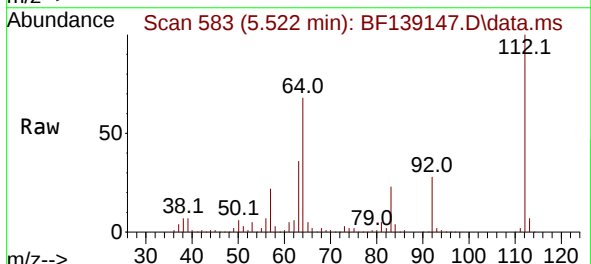
Instrument :
BNA_F
ClientSampleId :
WC-1

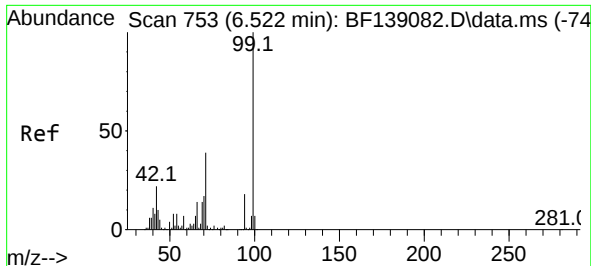
Tgt Ion:152 Resp: 82243
Ion Ratio Lower Upper
152 100
150 155.6 125.1 187.7
115 65.2 51.8 77.6



#5
2-Fluorophenol
Concen: 112.584 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF139147.D
Acq: 23 Aug 2024 15:12

Tgt Ion:112 Resp: 601831
Ion Ratio Lower Upper
112 100
64 67.9 53.8 80.6
63 36.1 29.4 44.2

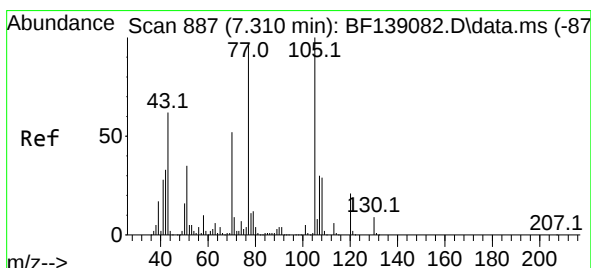
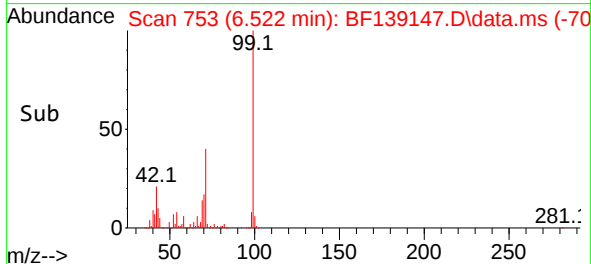
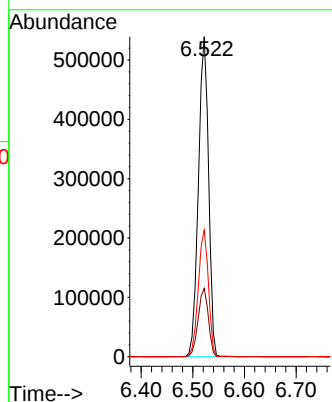
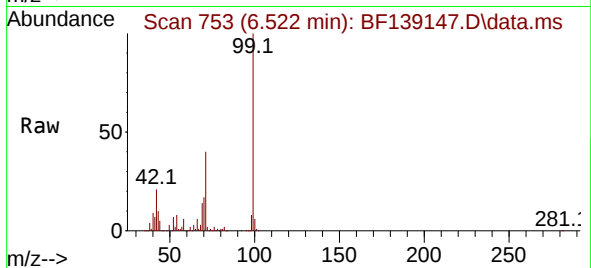




#7
Phenol-d6
Concen: 106.456 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139147.D
Acq: 23 Aug 2024 15:12

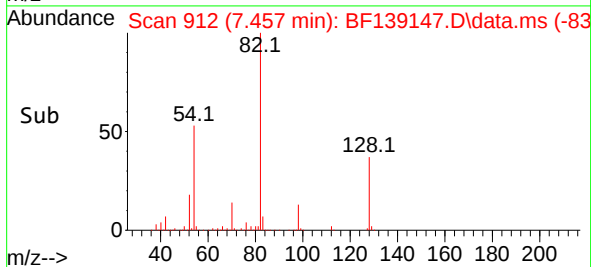
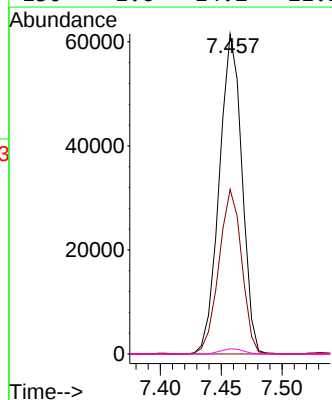
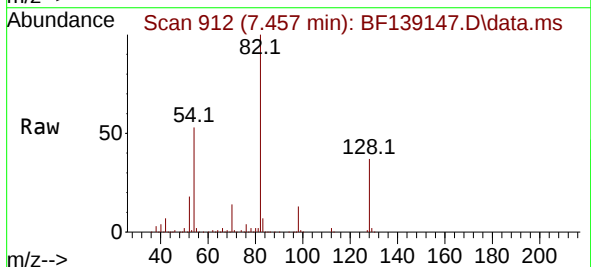
Instrument :
BNA_F
ClientSampleId :
WC-1

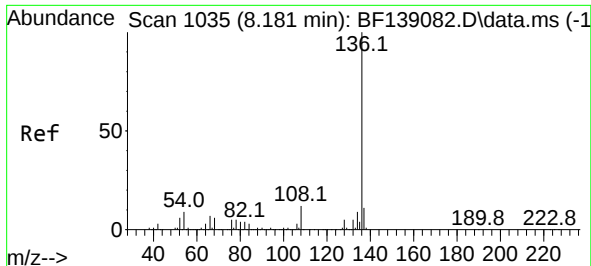
Tgt Ion: 99 Resp: 735313
Ion Ratio Lower Upper
99 100
42 21.4 17.4 26.2
71 39.5 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.563 ng
RT: 7.457 min Scan# 912
Delta R.T. 0.147 min
Lab File: BF139147.D
Acq: 23 Aug 2024 15:12

Tgt Ion: 70 Resp: 79667
Ion Ratio Lower Upper
70 100
42 51.4 50.5 75.7
101 0.0 7.2 10.8#
130 1.6 14.2 21.2#

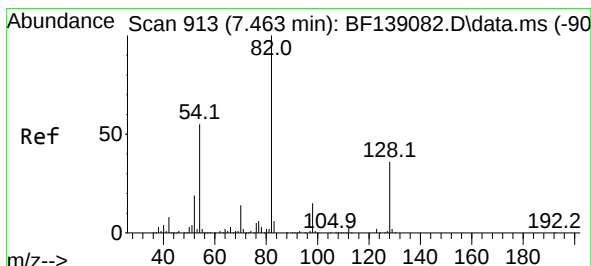
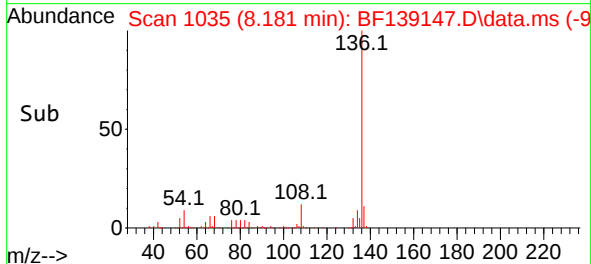
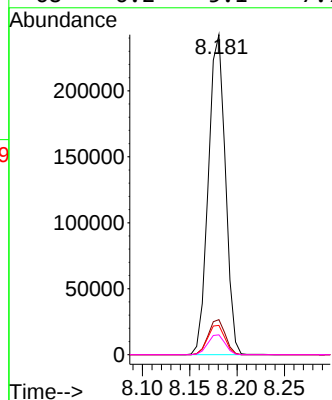
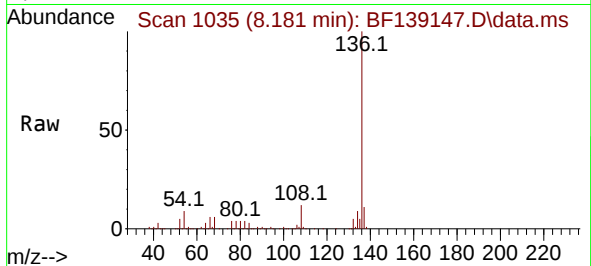




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139147.D
Acq: 23 Aug 2024 15:12

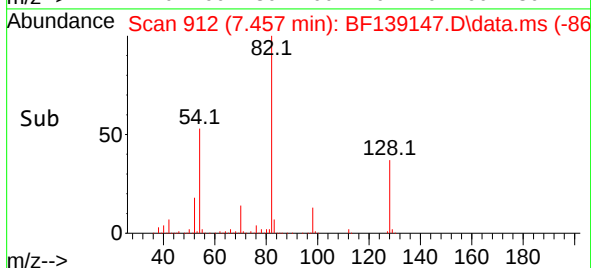
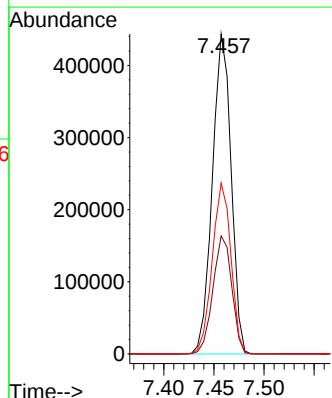
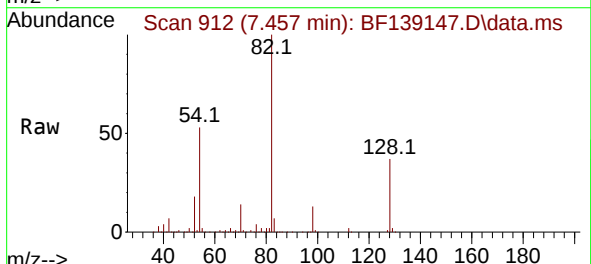
Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:	136	Resp:	303274
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.1	7.6	11.4
68	6.2	5.1	7.7



#23
Nitrobenzene-d5
Concen: 110.943 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF139147.D
Acq: 23 Aug 2024 15:12

Tgt Ion:	82	Resp:	577420
Ion	Ratio	Lower	Upper
82	100		
128	36.9	29.0	43.4
54	53.3	43.4	65.2

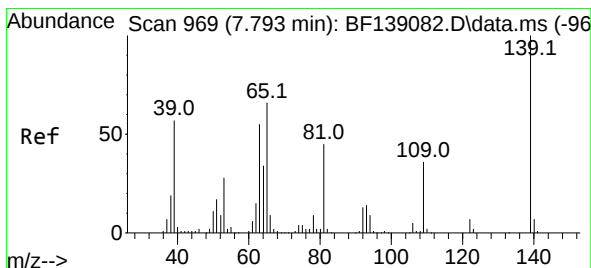
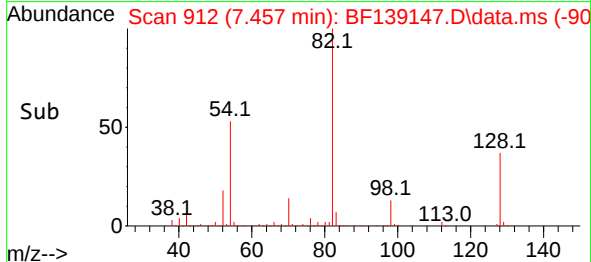
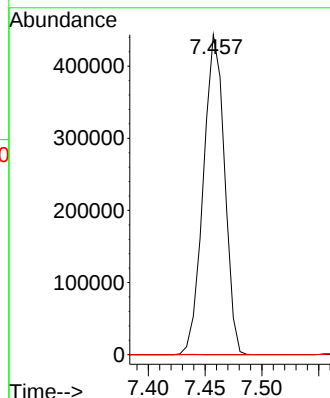
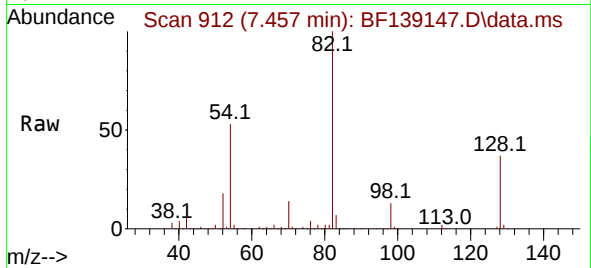




#25
Isophorone
Concen: 52.082 ng
RT: 7.457 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF139147.D
Acq: 23 Aug 2024 15:12

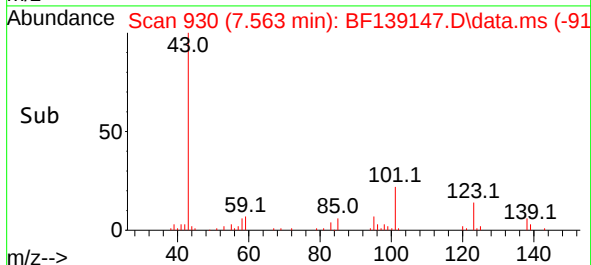
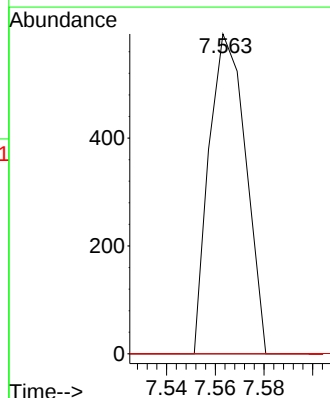
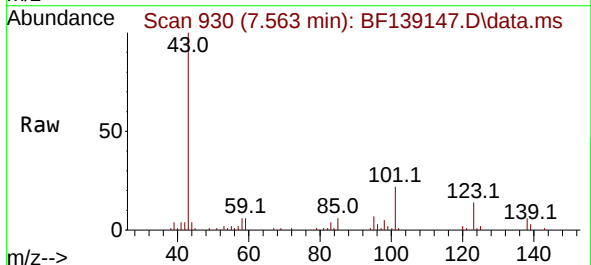
Instrument :
BNA_F
ClientSampleId :
WC-1

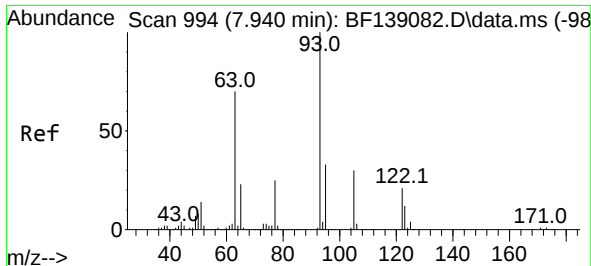
Tgt Ion: 82 Resp: 576147
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 11.8 17.8#



#26
2-Nitrophenol
Concen: 5.864 ng
RT: 7.563 min Scan# 930
Delta R.T. -0.230 min
Lab File: BF139147.D
Acq: 23 Aug 2024 15:12

Tgt Ion:139 Resp: 619
Ion Ratio Lower Upper
139 100
109 0.0 29.2 43.8#
65 0.0 52.7 79.1#

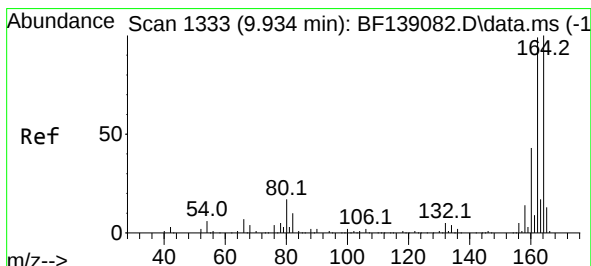
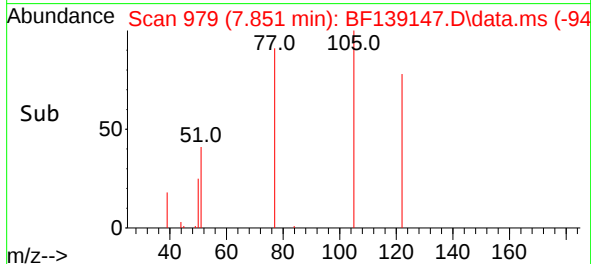
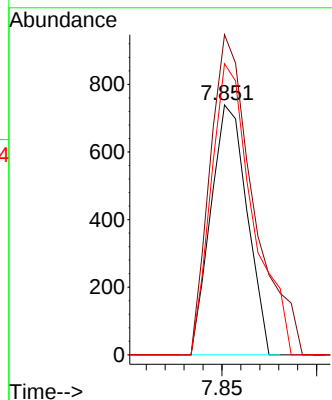
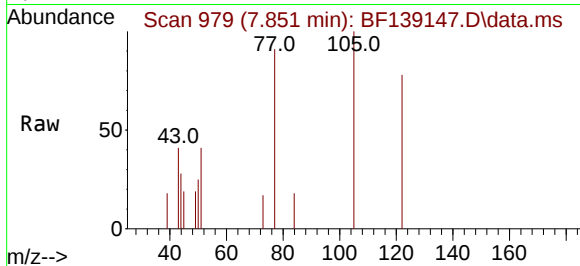




#32
Benzoic acid
Concen: 8.625 ng
RT: 7.851 min Scan# 91
Delta R.T. -0.089 min
Lab File: BF139147.D
Acq: 23 Aug 2024 15:12

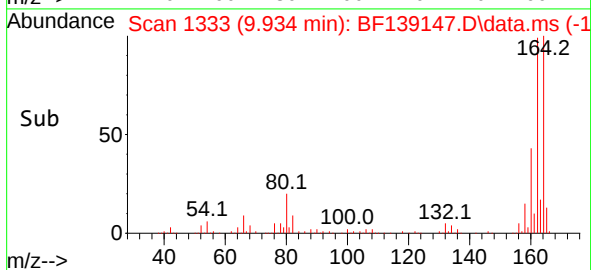
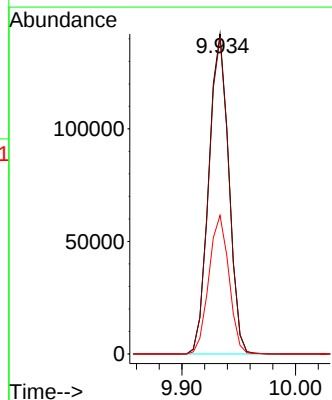
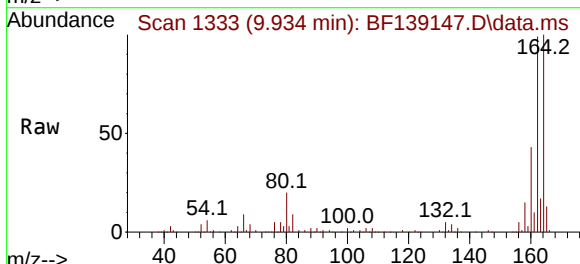
Instrument :
BNA_F
ClientSampleId :
WC-1

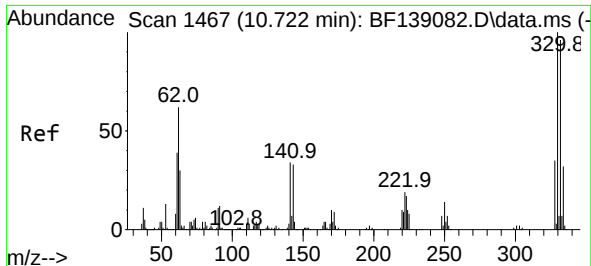
Tgt Ion:122 Resp: 983
Ion Ratio Lower Upper
122 100
105 128.1 119.6 159.6
77 116.5 97.6 137.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF139147.D
Acq: 23 Aug 2024 15:12

Tgt Ion:164 Resp: 173605
Ion Ratio Lower Upper
164 100
162 98.8 79.5 119.3
160 43.3 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 152.180 ng

RT: 10.722 min Scan# 1467

Delta R.T. -0.000 min

Lab File: BF139147.D

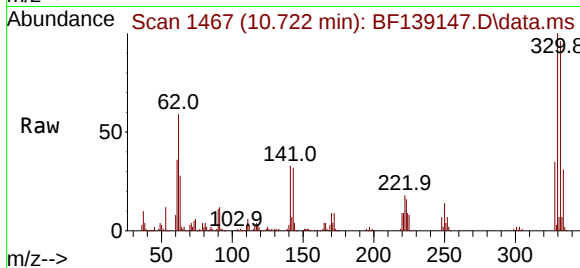
Acq: 23 Aug 2024 15:12

Instrument :

BNA_F

ClientSampleId :

WC-1



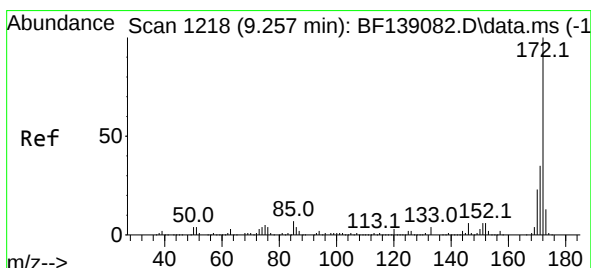
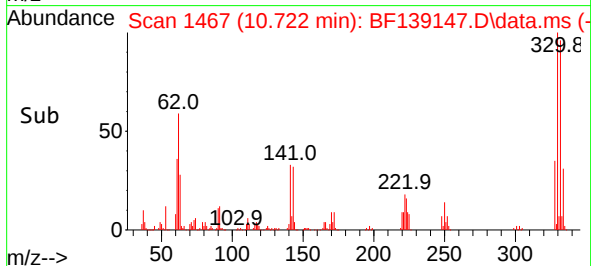
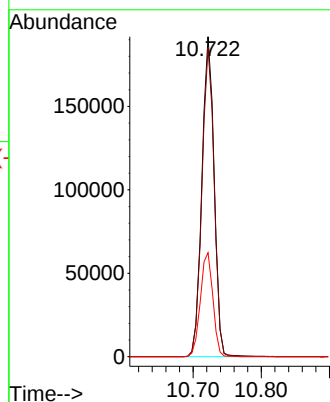
Tgt Ion:330 Resp: 239170

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

141 33.1 27.5 41.3



#45

2-Fluorobiphenyl

Concen: 87.921 ng

RT: 9.257 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF139147.D

Acq: 23 Aug 2024 15:12

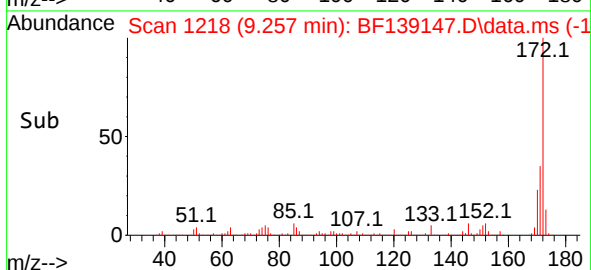
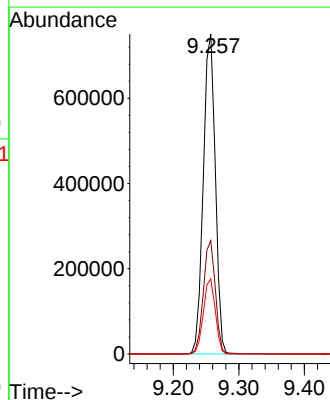
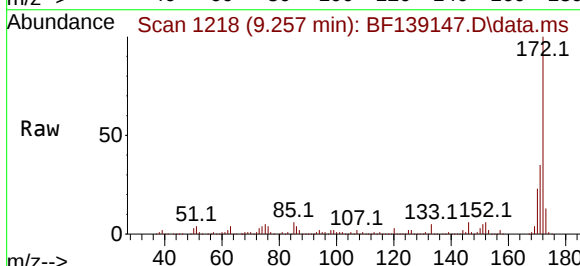
Tgt Ion:172 Resp: 962016

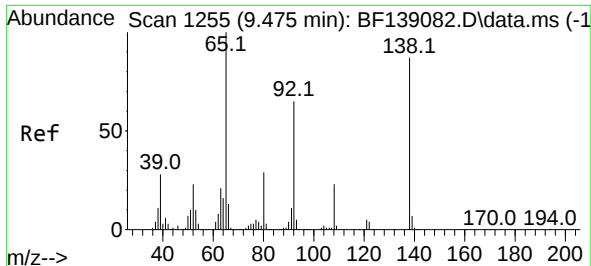
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.5 18.8 28.2

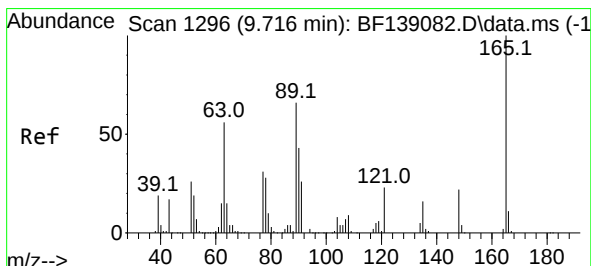
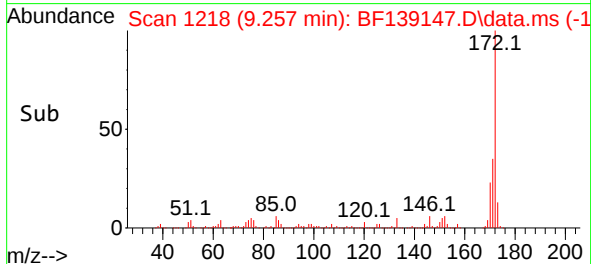
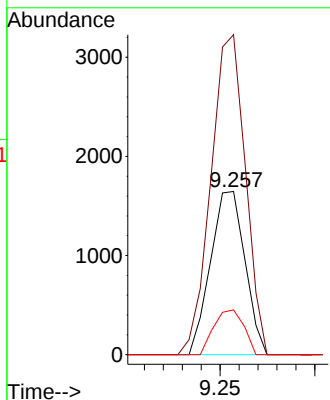
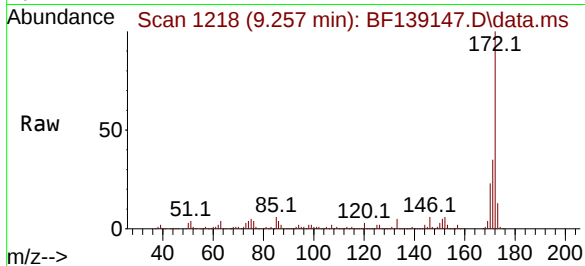




#48
2-Nitroaniline
Concen: 6.321 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF139147.D
Acq: 23 Aug 2024 15:12

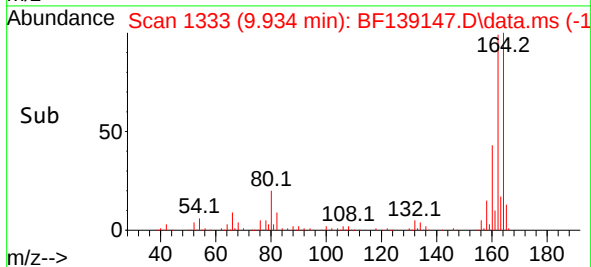
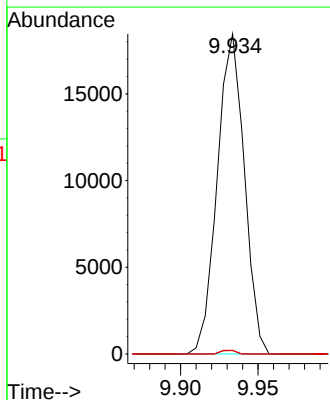
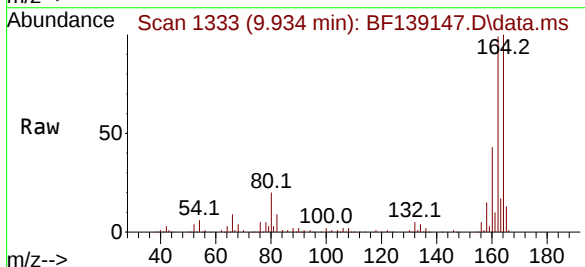
Instrument :
BNA_F
ClientSampleId :
WC-1

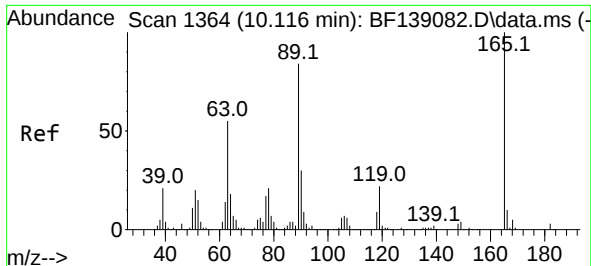
Tgt Ion: 65 Resp: 2083
Ion Ratio Lower Upper
65 100
92 196.1 52.4 78.6#
138 27.5 69.4 104.0#



#51
2,6-Dinitrotoluene
Concen: 13.959 ng
RT: 9.934 min Scan# 1333
Delta R.T. 0.218 min
Lab File: BF139147.D
Acq: 23 Aug 2024 15:12

Tgt Ion: 165 Resp: 22407
Ion Ratio Lower Upper
165 100
63 1.1 58.0 87.0#
89 1.1 53.3 79.9#

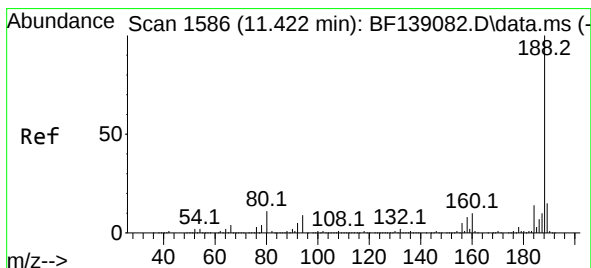
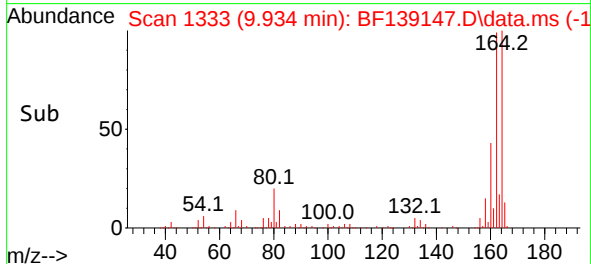
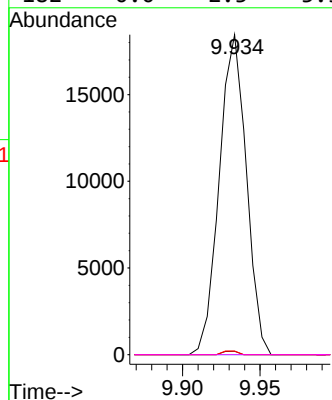
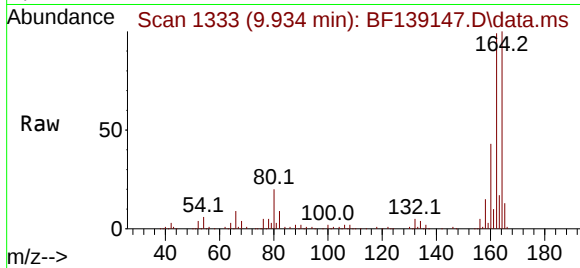




#57
2,4-Dinitrotoluene
Concen: 12.899 ng
RT: 9.934 min Scan# 11
Delta R.T. -0.182 min
Lab File: BF139147.D
Acq: 23 Aug 2024 15:12

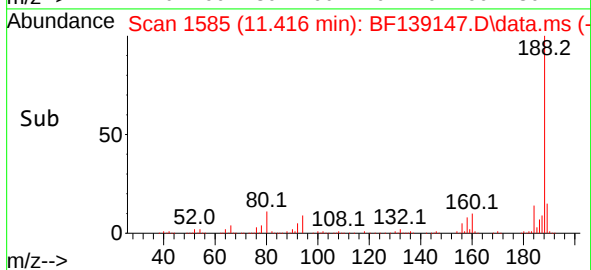
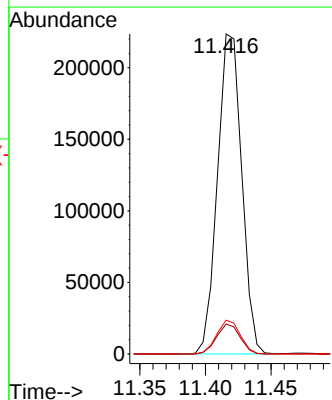
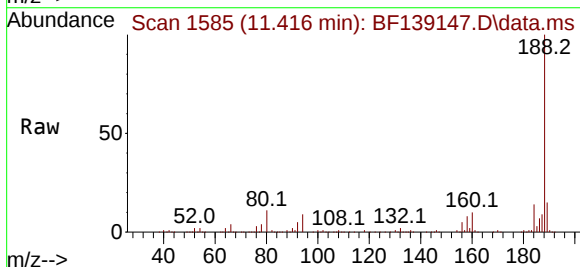
Instrument :
BNA_F
ClientSampleId :
WC-1

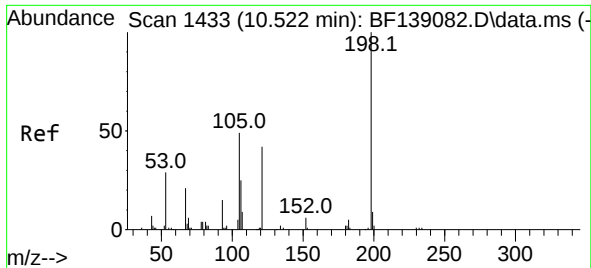
Tgt Ion:165 Resp: 22407
Ion Ratio Lower Upper
165 100
63 1.1 44.2 66.4#
89 1.1 67.4 101.2#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF139147.D
Acq: 23 Aug 2024 15:12

Tgt Ion:188 Resp: 287626
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 10.6 8.5 12.7

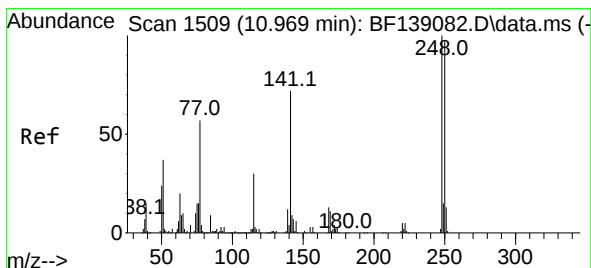
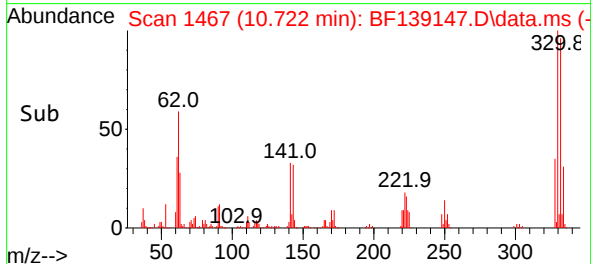
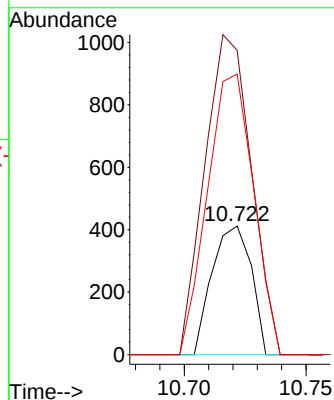
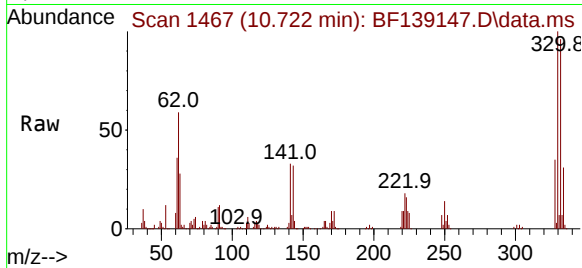




#65
4,6-Dinitro-2-methylphenol
Concen: 6.952 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.200 min
Lab File: BF139147.D
Acq: 23 Aug 2024 15:12

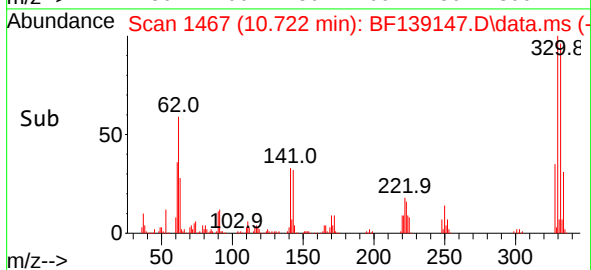
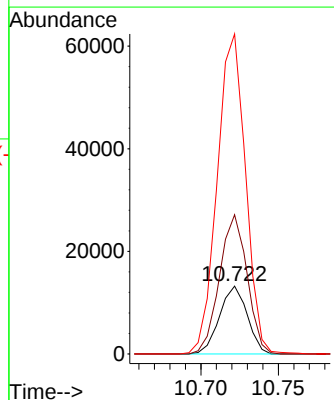
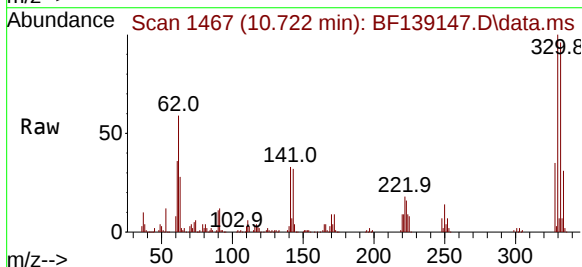
Instrument :
BNA_F
ClientSampleId :
WC-1

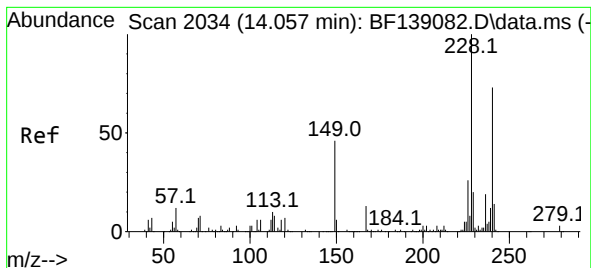
Tgt Ion:	198	Resp:	460
Ion	Ratio	Lower	Upper
198	100		
51	236.7	40.8	80.8#
105	218.2	30.9	70.9#



#67
4-Bromophenyl-phenylether
Concen: 5.385 ng
RT: 10.722 min Scan# 1467
Delta R.T. -0.247 min
Lab File: BF139147.D
Acq: 23 Aug 2024 15:12

Tgt Ion:	248	Resp:	16411
Ion	Ratio	Lower	Upper
248	100		
250	205.2	77.8	116.8#
141	471.6	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: BF139147.D

Acq: 23 Aug 2024 15:12

Instrument :

BNA_F

ClientSampleId :

WC-1

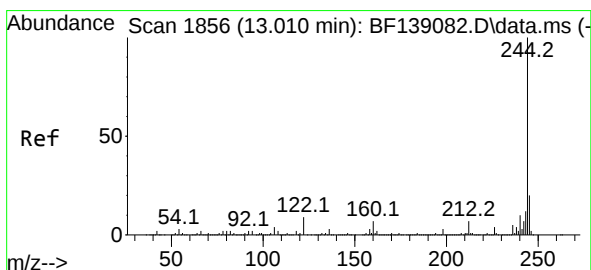
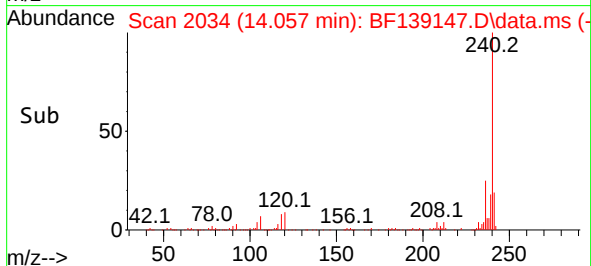
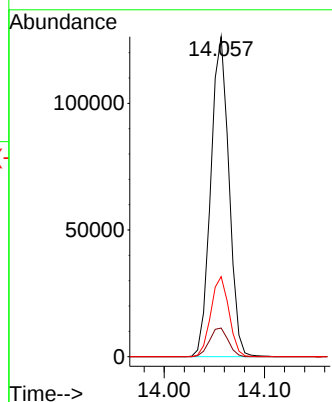
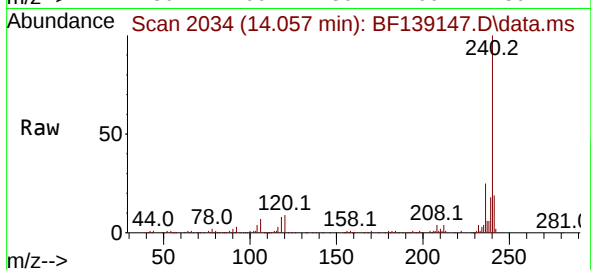
Tgt Ion:240 Resp: 159122

Ion Ratio Lower Upper

240 100

120 9.0 7.8 11.6

236 25.0 20.9 31.3



#79

Terphenyl-d14

Concen: 103.242 ng

RT: 13.010 min Scan# 1856

Delta R.T. -0.000 min

Lab File: BF139147.D

Acq: 23 Aug 2024 15:12

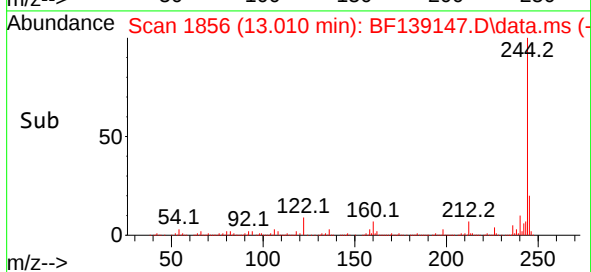
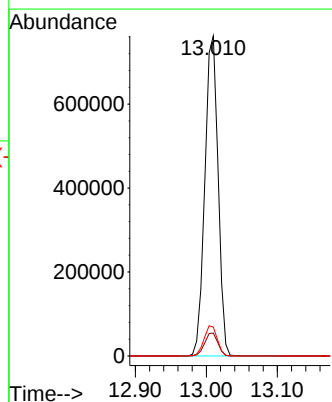
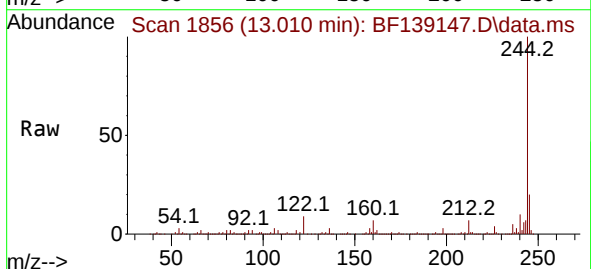
Tgt Ion:244 Resp: 990060

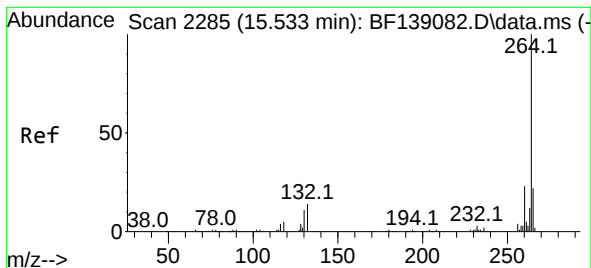
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 9.0 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139147.D

Acq: 23 Aug 2024 15:12

Instrument :

BNA_F

ClientSampleId :

WC-1

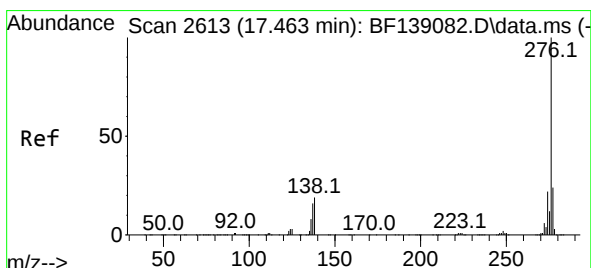
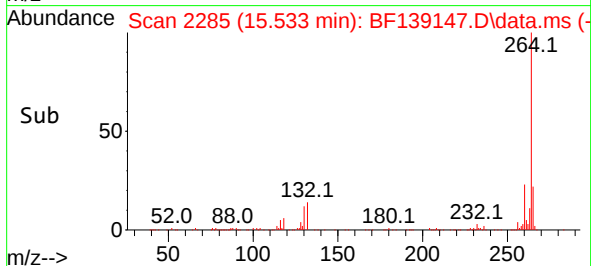
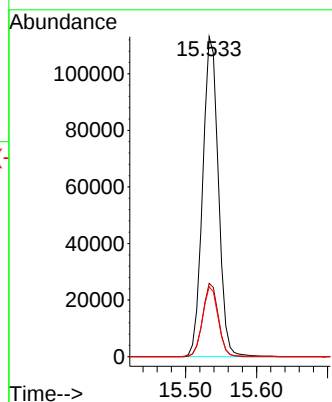
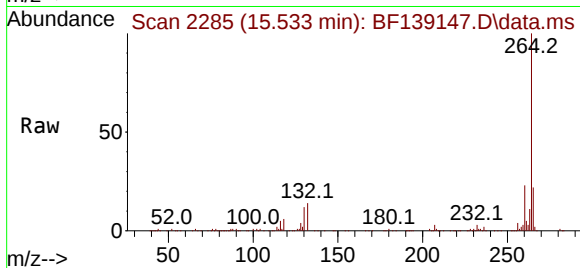
Tgt Ion:264 Resp: 174096

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 21.8 17.4 26.2



#92

Benzo(g,h,i)perylene

Concen: 2.800 ng

RT: 17.457 min Scan# 2612

Delta R.T. -0.006 min

Lab File: BF139147.D

Acq: 23 Aug 2024 15:12

Tgt Ion:276 Resp: 53

Ion Ratio Lower Upper

276 100

277 0.0 18.8 28.2#

138 0.0 15.0 22.4#

