

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
 Data File : BF139148.D
 Acq On : 23 Aug 2024 15:42
 Operator : RC/JU
 Sample : P3694-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Kingsland-Driveway

Quant Time: Aug 23 16:16:44 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)

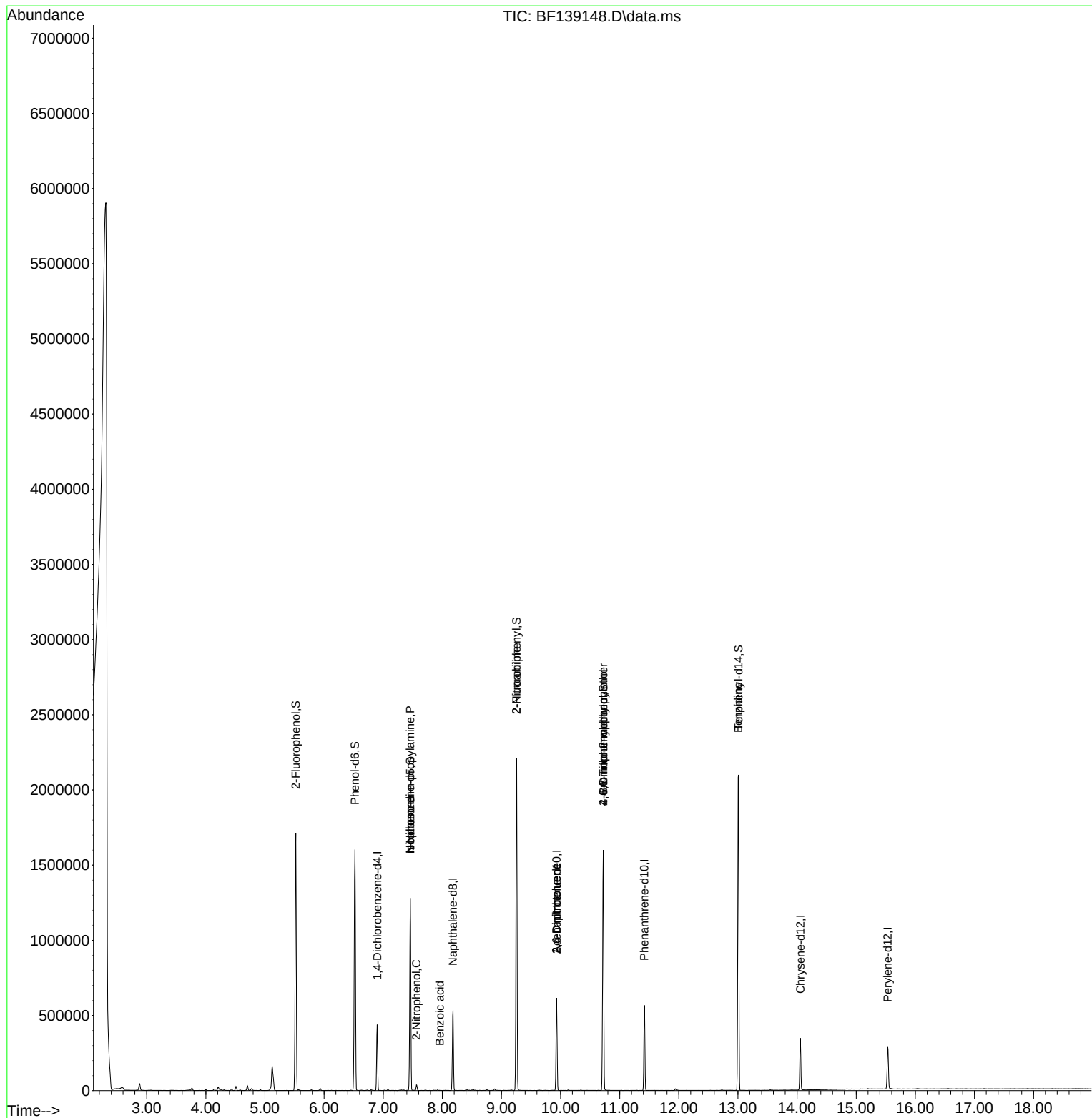
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	83698	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	308070	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	174522	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	294619	20.000	ng	0.00
76) Chrysene-d12	14.057	240	160467	20.000	ng	0.00
86) Perylene-d12	15.533	264	171127	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	595132	109.396	ng	0.01
7) Phenol-d6	6.522	99	737718	104.948	ng	0.00
23) Nitrobenzene-d5	7.457	82	569806	107.776	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	253400	160.387	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	955467	86.863	ng	0.00
79) Terphenyl-d14	13.010	244	1043041	107.855	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	78336	16.970	ng	# 80
25) Isophorone	7.457	82	568494	50.590	ng	# 69
26) 2-Nitrophenol	7.563	139	257	5.704	ng	# 25
32) Benzoic acid	7.957	122	238	8.413	ng	# 1
48) 2-Nitroaniline	9.257	65	1974	6.283	ng	# 1
51) 2,6-Dinitrotoluene	9.933	165	22715	14.039	ng	# 17
57) 2,4-Dinitrotoluene	9.933	165	22715	12.961	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.722	198	505	6.986	ng	# 1
67) 4-Bromophenyl-phenylether	10.722	248	17185	5.505	ng	# 1
77) Benzidine	13.004	184	13620	4.109	ng	# 91

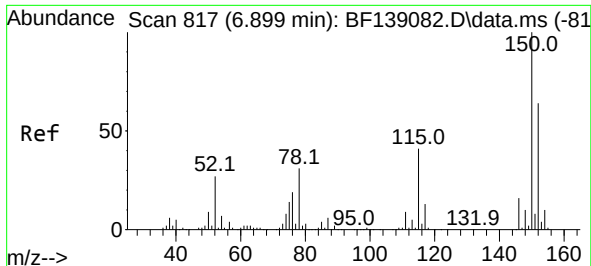
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
Data File : BF139148.D
Acq On : 23 Aug 2024 15:42
Operator : RC/JU
Sample : P3694-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Kingsland-Driveway

Quant Time: Aug 23 16:16:44 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

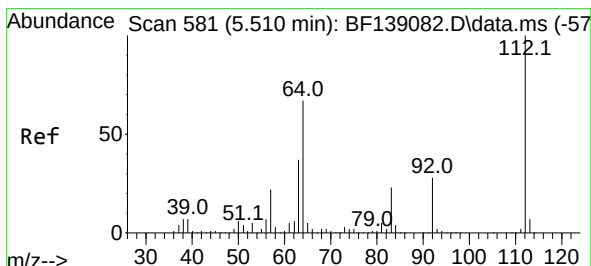
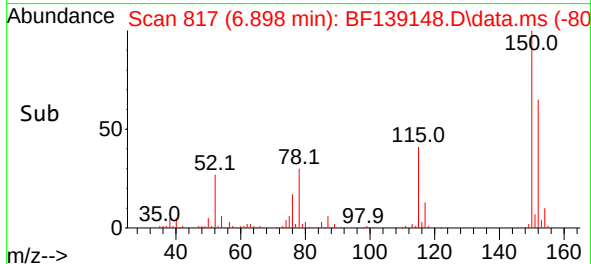
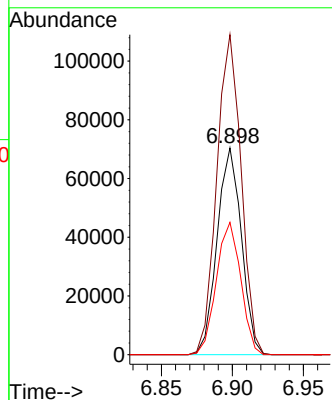
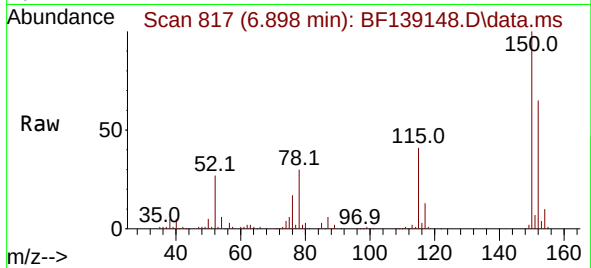




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF139148.D
Acq: 23 Aug 2024 15:42

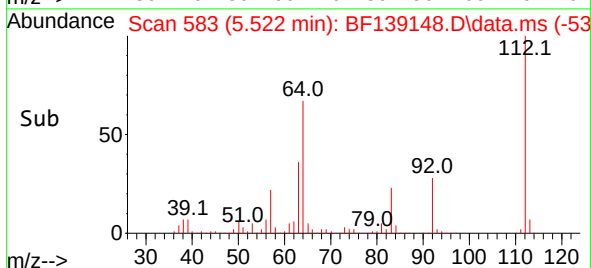
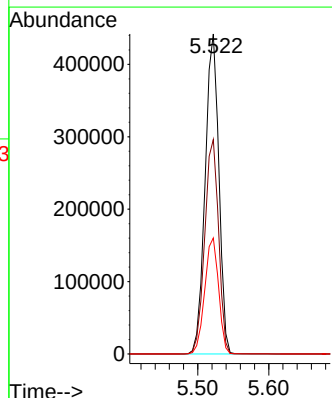
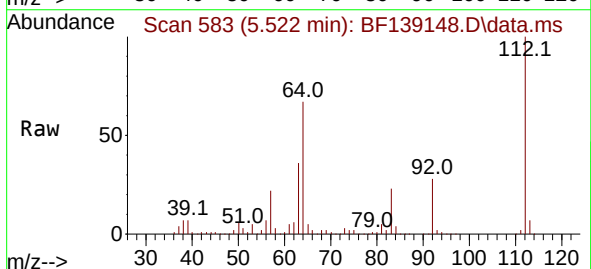
Instrument :
BNA_F
ClientSampleId :
Kingsland-Driveway

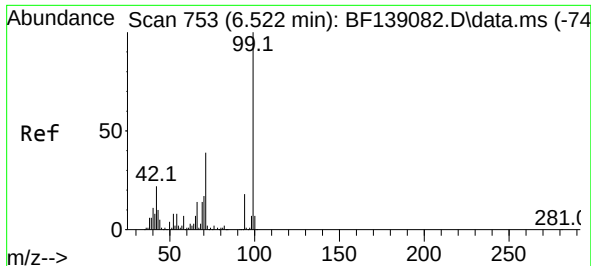
Tgt Ion:152 Resp: 83698
Ion Ratio Lower Upper
152 100
150 154.8 125.1 187.7
115 64.0 51.8 77.6



#5
2-Fluorophenol
Concen: 109.396 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF139148.D
Acq: 23 Aug 2024 15:42

Tgt Ion:112 Resp: 595132
Ion Ratio Lower Upper
112 100
64 67.0 53.8 80.6
63 36.3 29.4 44.2

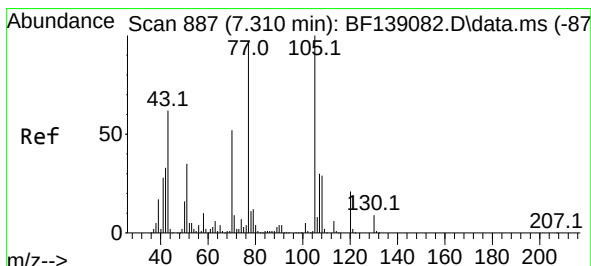
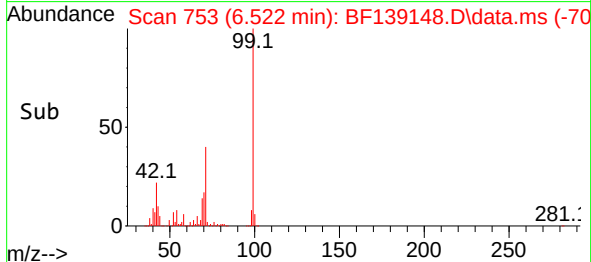
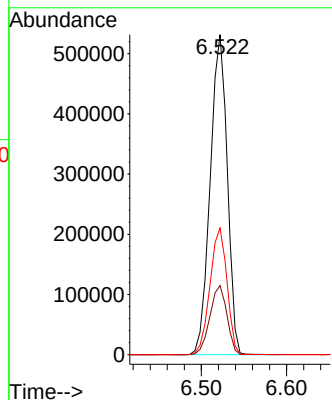
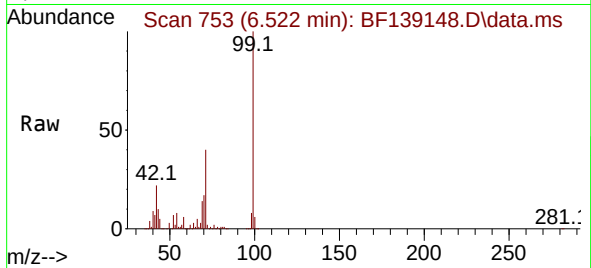




#7
Phenol-d6
Concen: 104.948 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139148.D
Acq: 23 Aug 2024 15:42

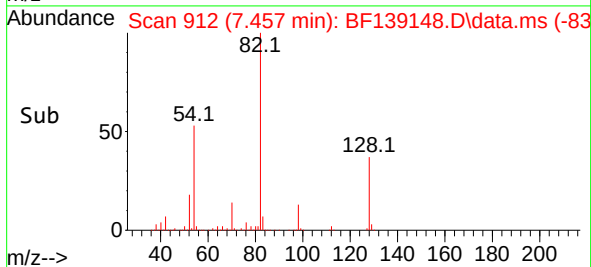
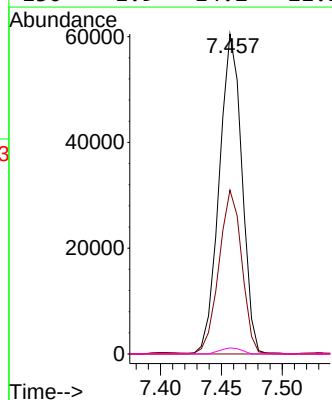
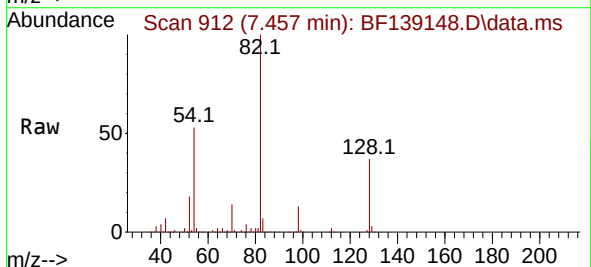
Instrument :
BNA_F
ClientSampleId :
Kingsland-Driveway

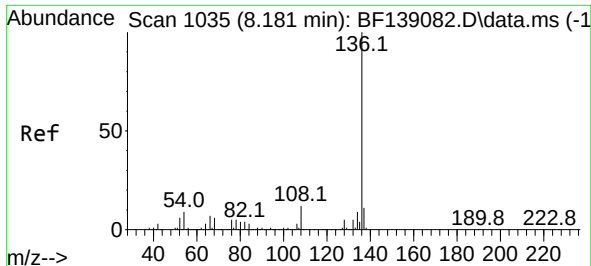
Tgt Ion: 99 Resp: 737718
Ion Ratio Lower Upper
99 100
42 21.6 17.4 26.2
71 39.6 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.970 ng
RT: 7.457 min Scan# 912
Delta R.T. 0.147 min
Lab File: BF139148.D
Acq: 23 Aug 2024 15:42

Tgt Ion: 70 Resp: 78336
Ion Ratio Lower Upper
70 100
42 51.2 50.5 75.7
101 0.0 7.2 10.8#
130 1.9 14.2 21.2#



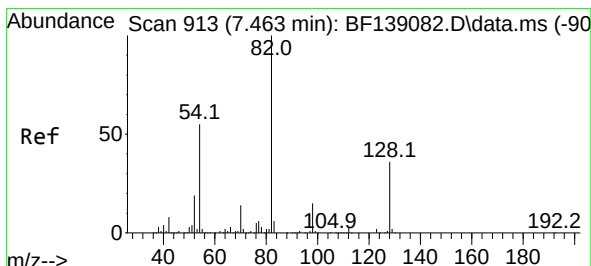
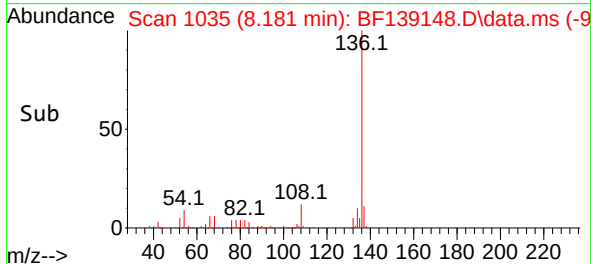
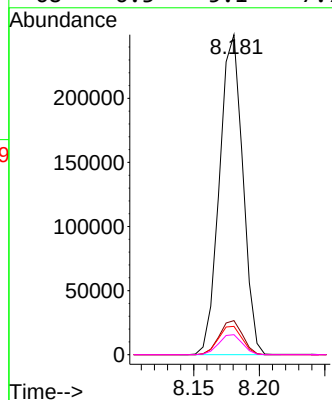
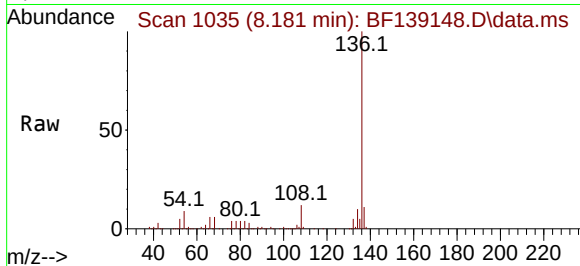


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139148.D
Acq: 23 Aug 2024 15:42

Instrument :
BNA_F
ClientSampleId :
Kingsland-Driveway

Tgt Ion:136 Resp: 308070

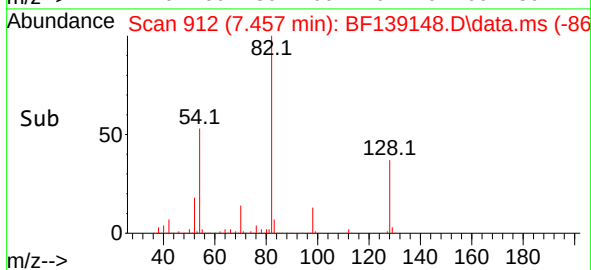
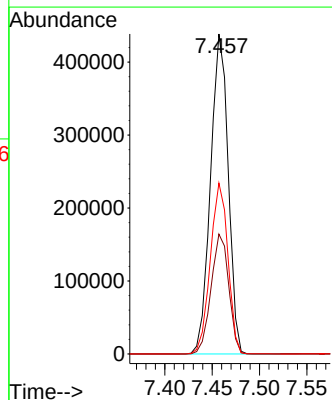
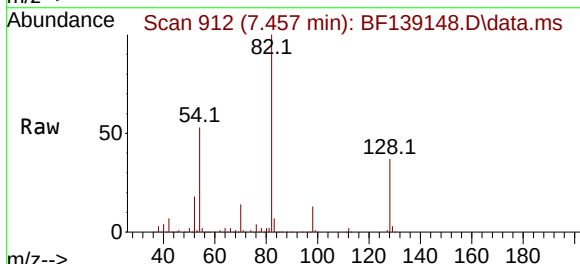
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	8.8	7.6	11.4
68	6.3	5.1	7.7

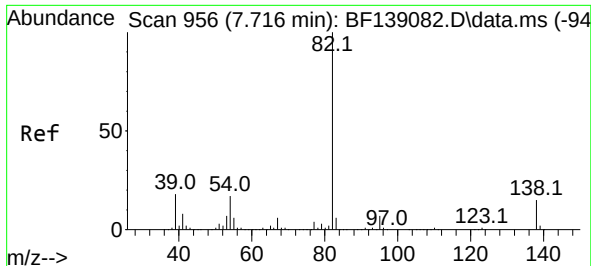


#23
Nitrobenzene-d5
Concen: 107.776 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF139148.D
Acq: 23 Aug 2024 15:42

Tgt Ion: 82 Resp: 569806

Ion	Ratio	Lower	Upper
82	100		
128	37.4	29.0	43.4
54	53.4	43.4	65.2

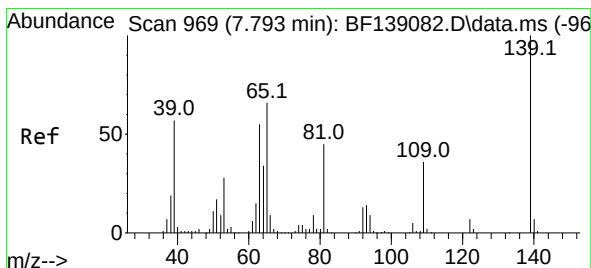
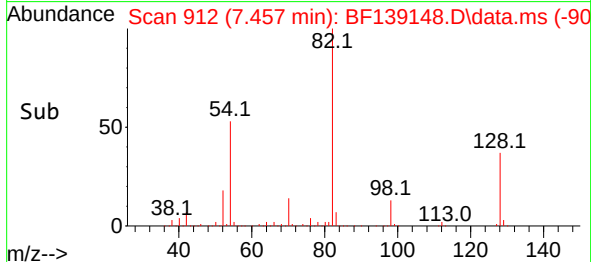
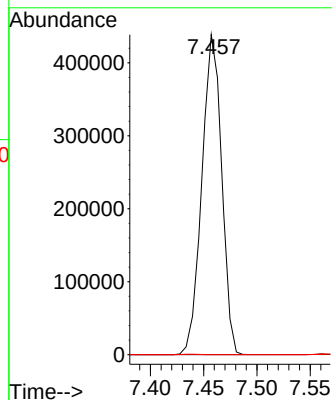
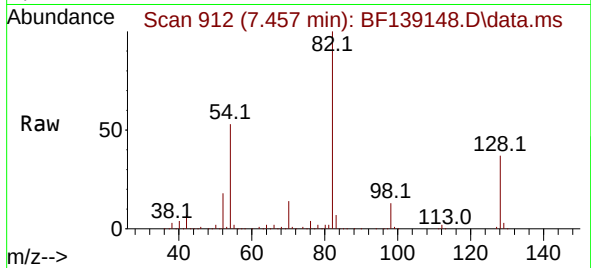




#25
Isophorone
Concen: 50.590 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.259 min
Lab File: BF139148.D
Acq: 23 Aug 2024 15:42

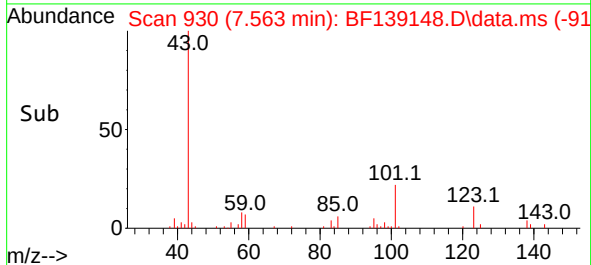
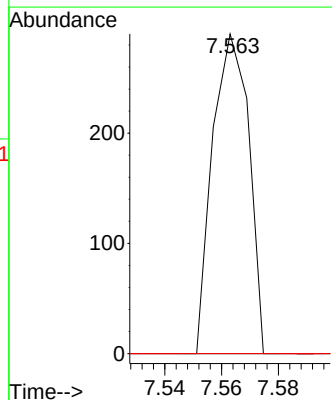
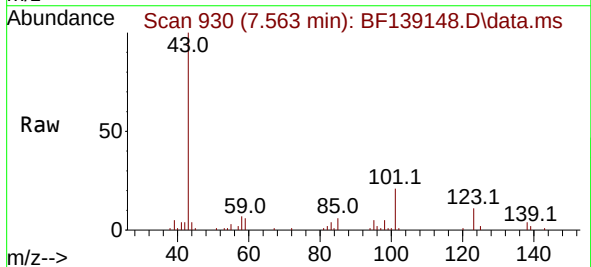
Instrument :
BNA_F
ClientSampleId :
Kingsland-Driveway

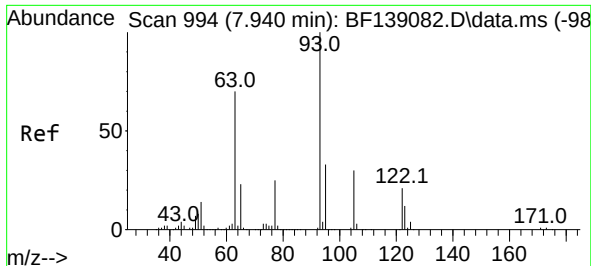
Tgt Ion: 82 Resp: 568494
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 11.8 17.8#



#26
2-Nitrophenol
Concen: 5.704 ng
RT: 7.563 min Scan# 930
Delta R.T. -0.230 min
Lab File: BF139148.D
Acq: 23 Aug 2024 15:42

Tgt Ion:139 Resp: 257
Ion Ratio Lower Upper
139 100
109 0.0 29.2 43.8#
65 0.0 52.7 79.1#

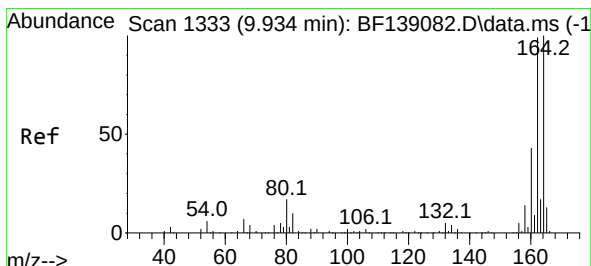
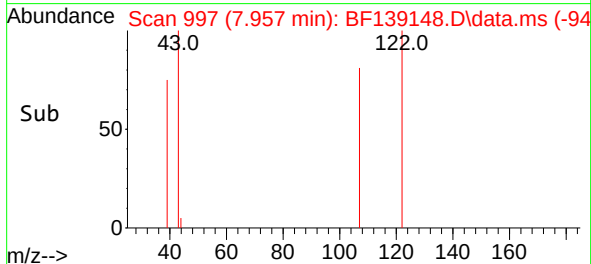
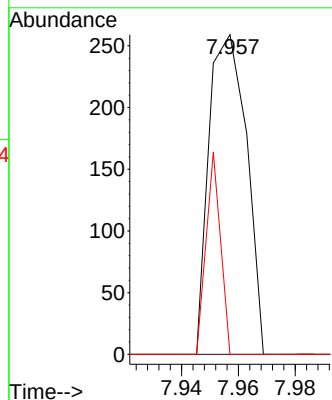
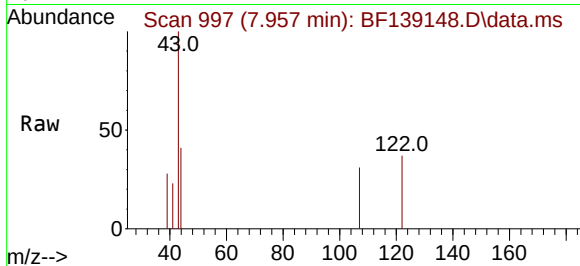




#32
Benzoic acid
Concen: 8.413 ng
RT: 7.957 min Scan# 994
Delta R.T. 0.017 min
Lab File: BF139148.D
Acq: 23 Aug 2024 15:42

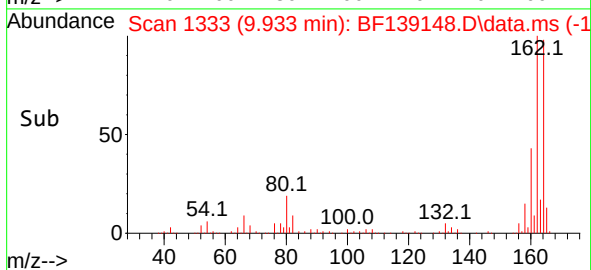
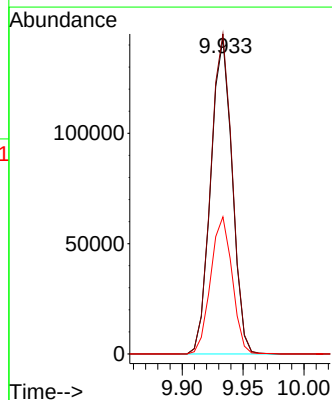
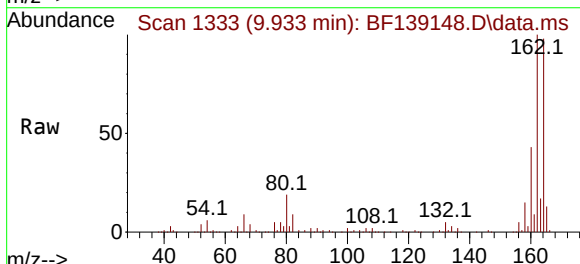
Instrument :
BNA_F
ClientSampleId :
Kingsland-Driveway

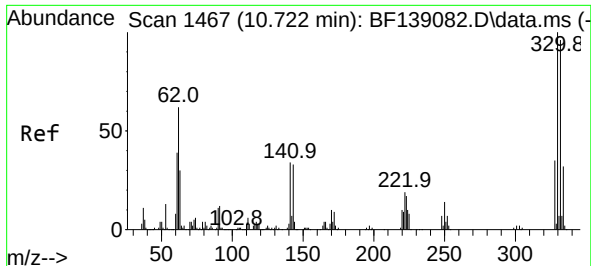
Tgt Ion:122 Resp: 238
Ion Ratio Lower Upper
122 100
105 0.0 119.6 159.6#
77 0.0 97.6 137.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1333
Delta R.T. -0.001 min
Lab File: BF139148.D
Acq: 23 Aug 2024 15:42

Tgt Ion:164 Resp: 174522
Ion Ratio Lower Upper
164 100
162 101.5 79.5 119.3
160 43.5 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 160.387 ng

RT: 10.722 min Scan# 1467

Delta R.T. -0.000 min

Lab File: BF139148.D

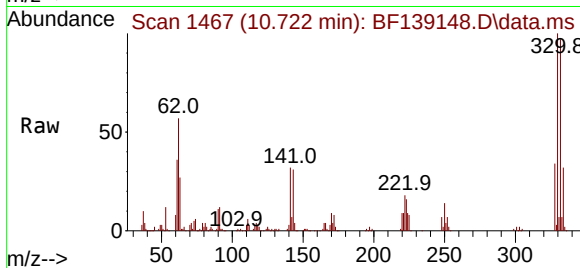
Acq: 23 Aug 2024 15:42

Instrument :

BNA_F

ClientSampleId :

Kingsland-Driveway



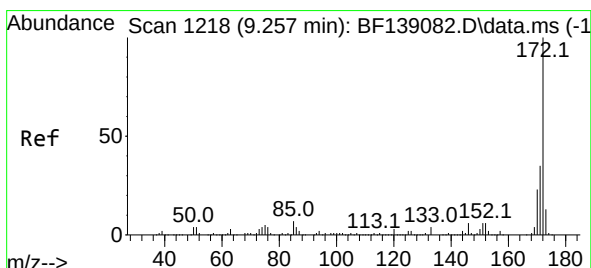
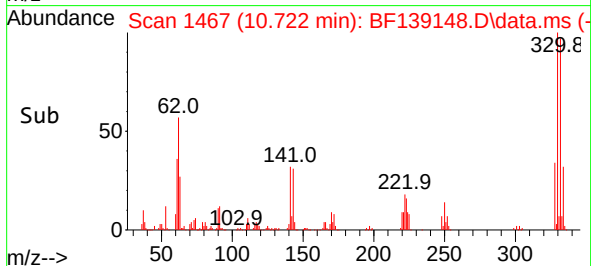
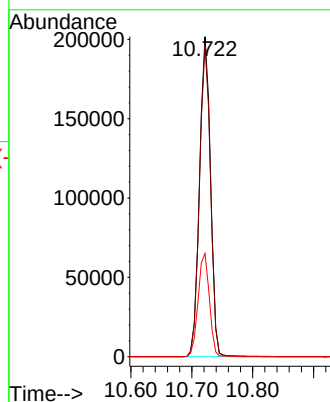
Tgt Ion:330 Resp: 253400

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

141 32.9 27.5 41.3



#45

2-Fluorobiphenyl

Concen: 86.863 ng

RT: 9.257 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF139148.D

Acq: 23 Aug 2024 15:42

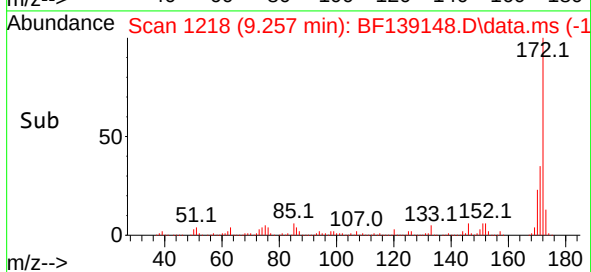
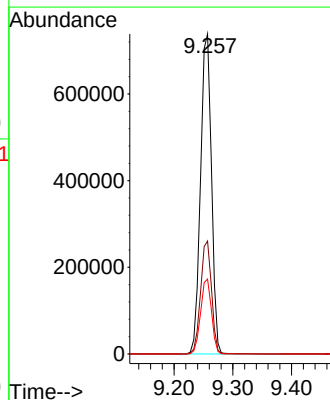
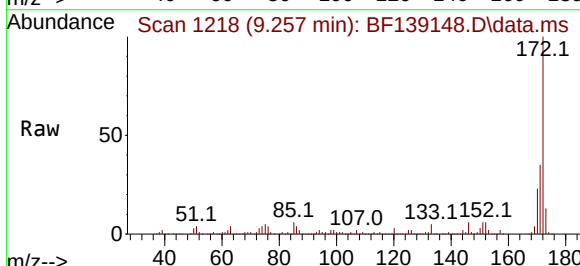
Tgt Ion:172 Resp: 955467

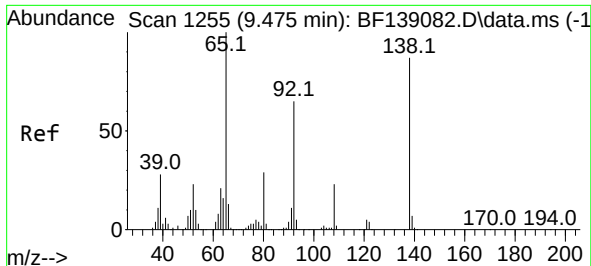
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.4 18.8 28.2

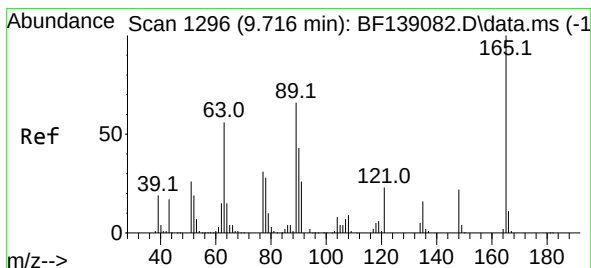
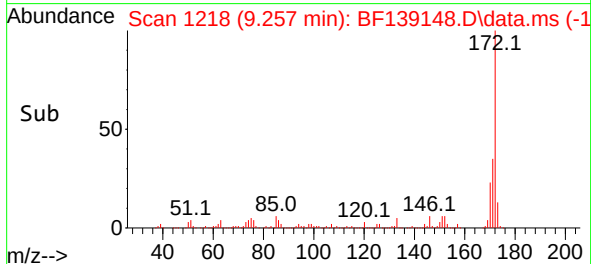
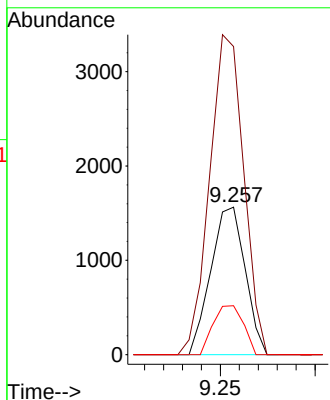
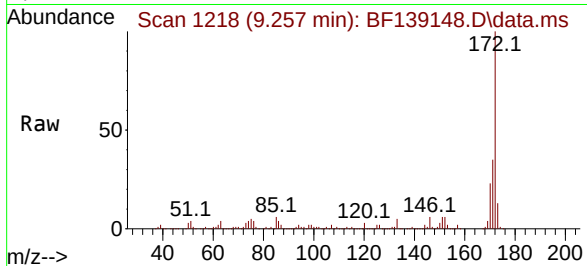




#48
2-Nitroaniline
Concen: 6.283 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF139148.D
Acq: 23 Aug 2024 15:42

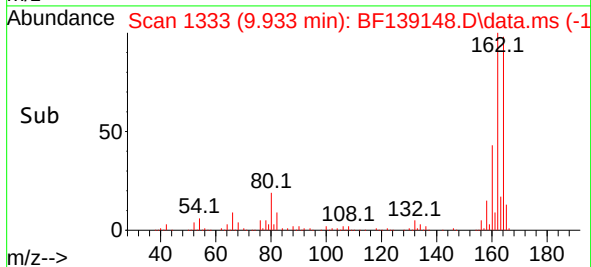
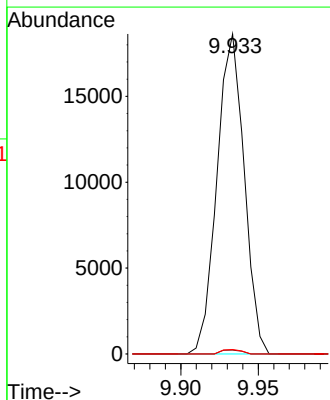
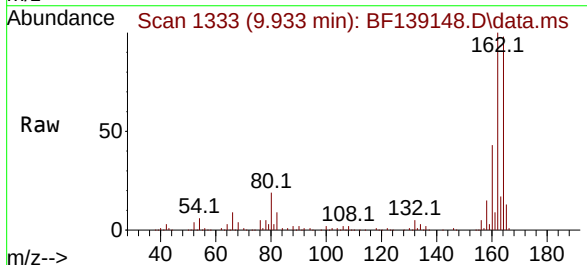
Instrument :
BNA_F
ClientSampleId :
Kingsland-Driveway

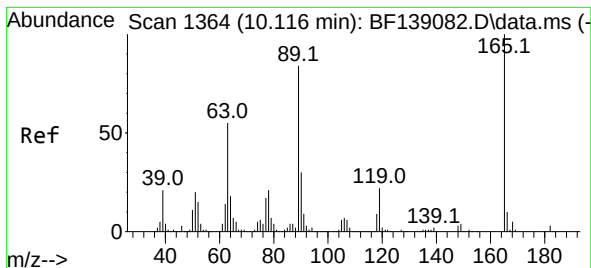
Tgt Ion: 65 Resp: 1974
Ion Ratio Lower Upper
65 100
92 208.9 52.4 78.6#
138 33.1 69.4 104.0#



#51
2,6-Dinitrotoluene
Concen: 14.039 ng
RT: 9.933 min Scan# 1333
Delta R.T. 0.217 min
Lab File: BF139148.D
Acq: 23 Aug 2024 15:42

Tgt Ion: 165 Resp: 22715
Ion Ratio Lower Upper
165 100
63 1.2 58.0 87.0#
89 1.4 53.3 79.9#

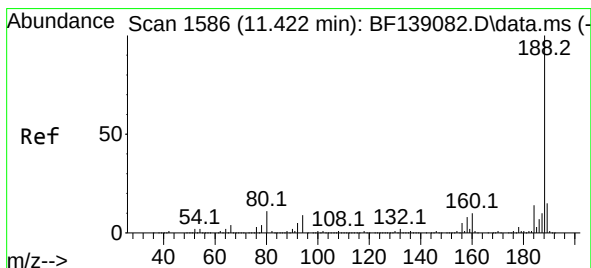
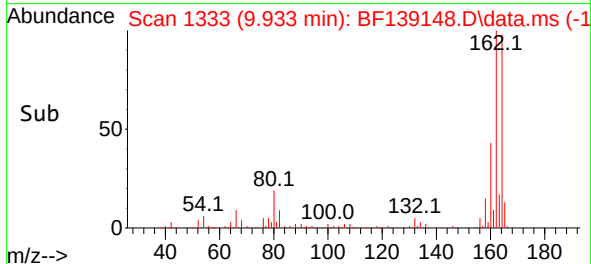
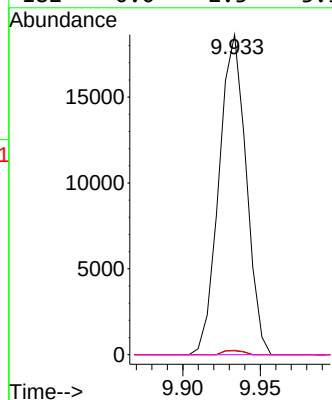
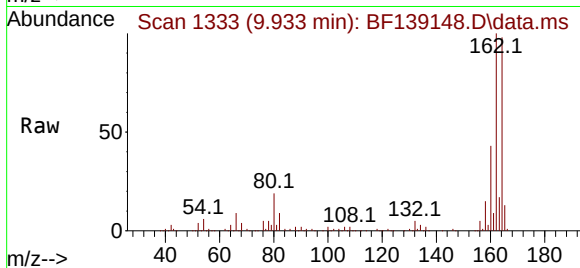




#57
2,4-Dinitrotoluene
Concen: 12.961 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.183 min
Lab File: BF139148.D
Acq: 23 Aug 2024 15:42

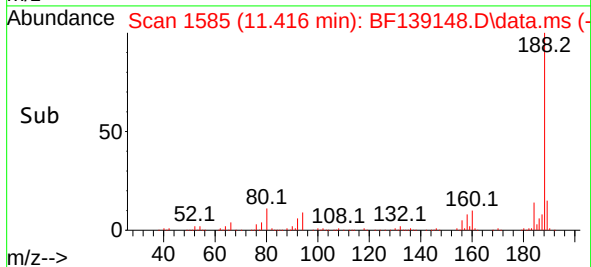
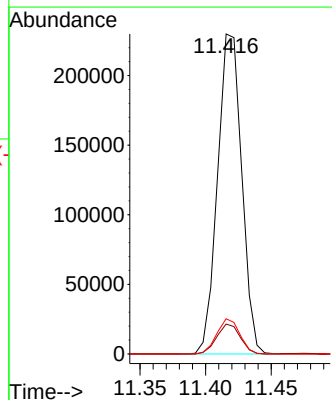
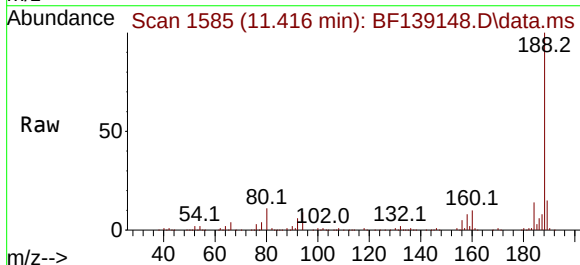
Instrument :
BNA_F
ClientSampleId :
Kingsland-Driveway

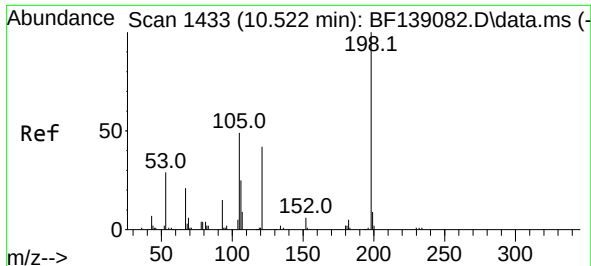
Tgt Ion:165 Resp: 22715
Ion Ratio Lower Upper
165 100
63 1.2 44.2 66.4#
89 1.4 67.4 101.2#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF139148.D
Acq: 23 Aug 2024 15:42

Tgt Ion:188 Resp: 294619
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 11.0 8.5 12.7

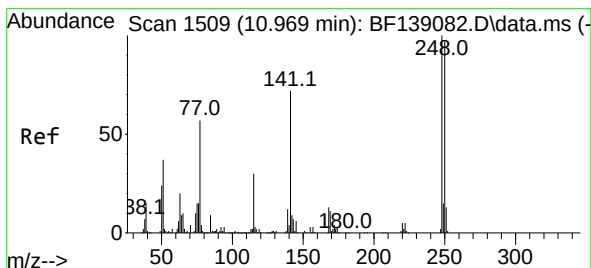
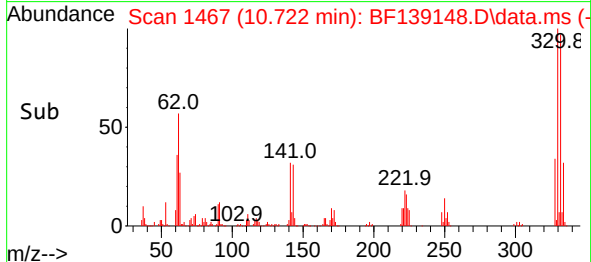
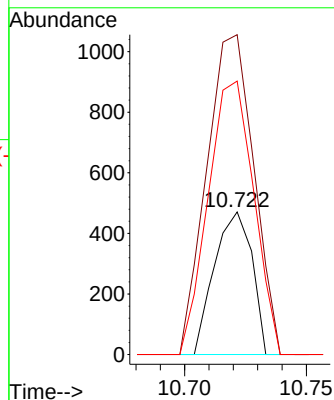
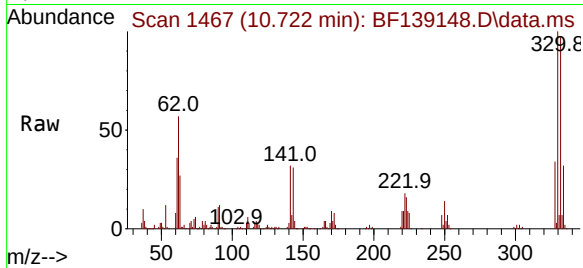




#65
4,6-Dinitro-2-methylphenol
Concen: 6.986 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.200 min
Lab File: BF139148.D
Acq: 23 Aug 2024 15:42

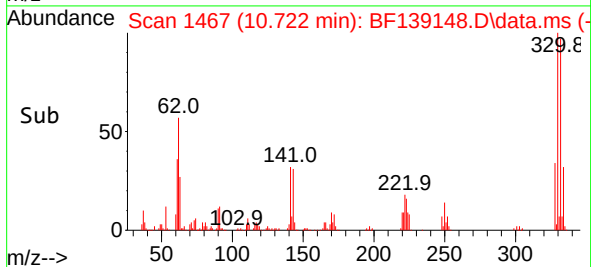
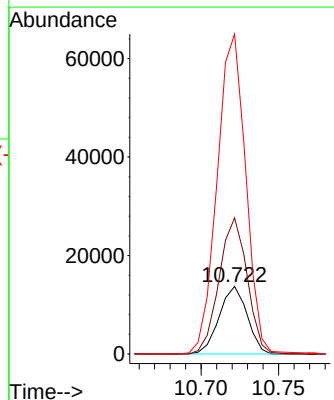
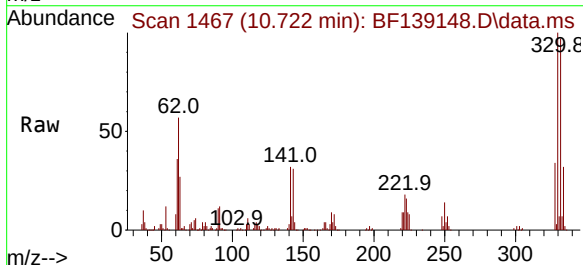
Instrument :
BNA_F
ClientSampleId :
Kingsland-Driveway

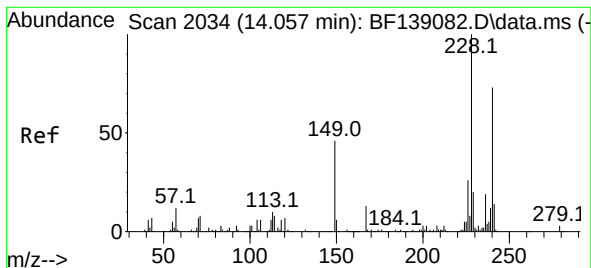
Tgt Ion:198 Resp: 505
Ion Ratio Lower Upper
198 100
51 224.2 40.8 80.8#
105 191.7 30.9 70.9#



#67
4-Bromophenyl-phenylether
Concen: 5.505 ng
RT: 10.722 min Scan# 1467
Delta R.T. -0.247 min
Lab File: BF139148.D
Acq: 23 Aug 2024 15:42

Tgt Ion:248 Resp: 17185
Ion Ratio Lower Upper
248 100
250 201.6 77.8 116.8#
141 474.0 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: BF139148.D

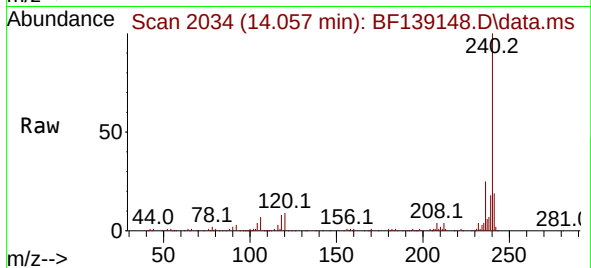
Acq: 23 Aug 2024 15:42

Instrument :

BNA_F

ClientSampleId :

Kingsland-Driveway



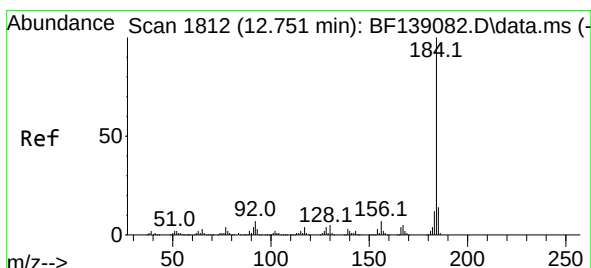
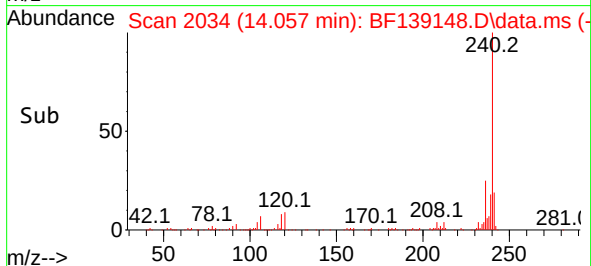
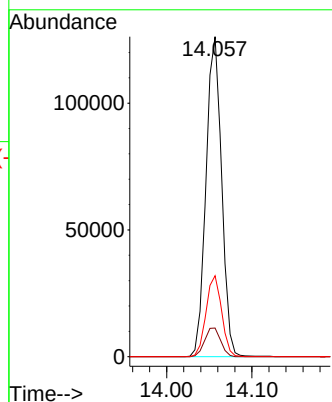
Tgt Ion:240 Resp: 160467

Ion Ratio Lower Upper

240 100

120 9.0 7.8 11.6

236 25.3 20.9 31.3



#77

Benzidine

Concen: 4.109 ng

RT: 13.004 min Scan# 1855

Delta R.T. 0.253 min

Lab File: BF139148.D

Acq: 23 Aug 2024 15:42

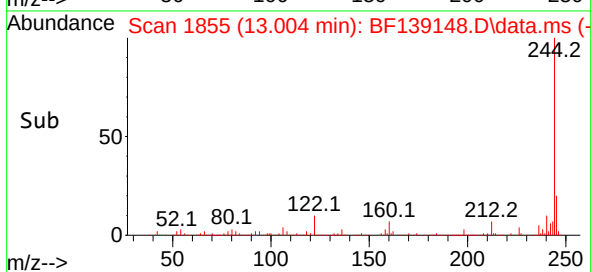
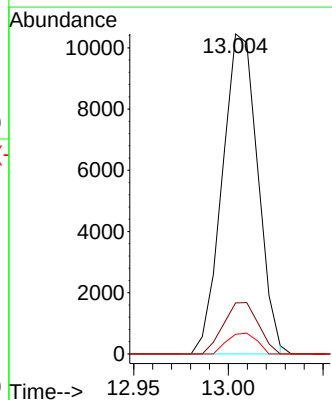
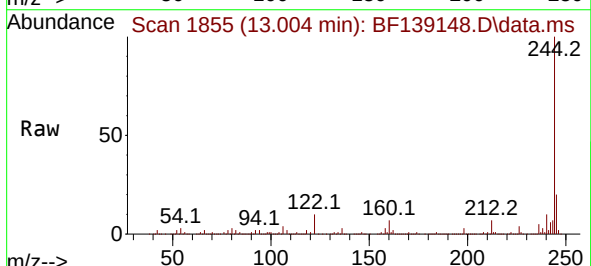
Tgt Ion:184 Resp: 13620

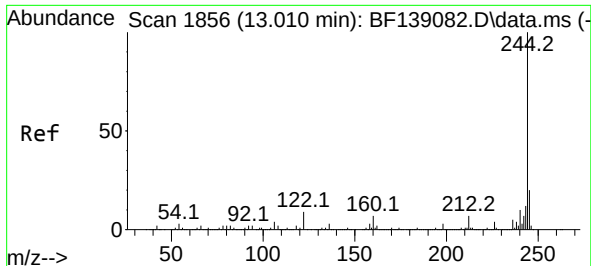
Ion Ratio Lower Upper

184 100

185 16.0 11.5 17.3

183 6.2 9.8 14.6#

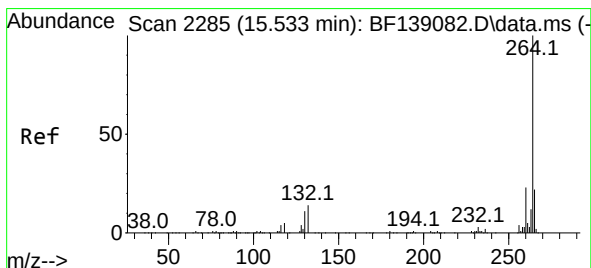
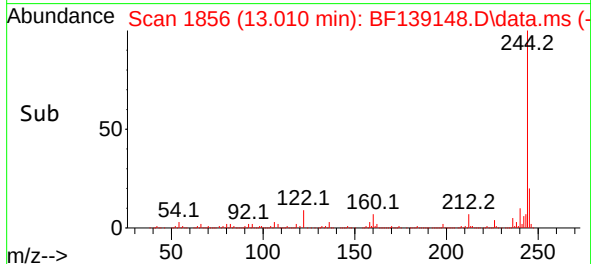
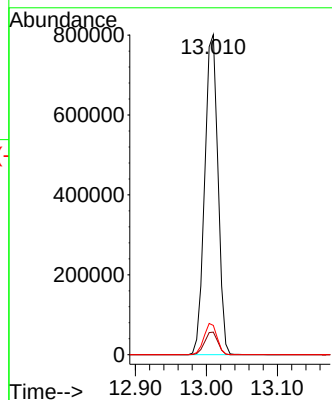
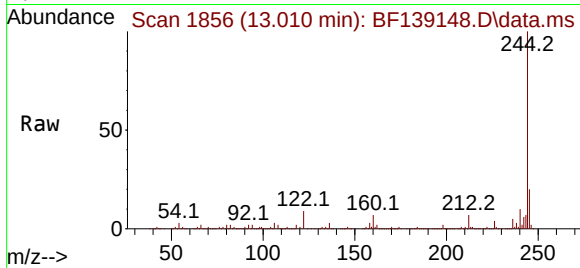




#79
 Terphenyl-d14
 Concen: 107.855 ng
 RT: 13.010 min Scan# 1856
 Delta R.T. -0.000 min
 Lab File: BF139148.D
 Acq: 23 Aug 2024 15:42

Instrument :
 BNA_F
 ClientSampleId :
 Kingsland-Driveway

Tgt Ion:244 Resp: 1043041
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 9.2 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. -0.000 min
 Lab File: BF139148.D
 Acq: 23 Aug 2024 15:42

Tgt Ion:264 Resp: 171127
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.6 27.8
 265 20.2 17.4 26.2

