

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
 Data File : BF139093.D
 Acq On : 21 Aug 2024 10:51
 Operator : RC/JU
 Sample : P3663-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 914-J-SD-0-1-081624

Quant Time: Aug 21 11:28:42 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)

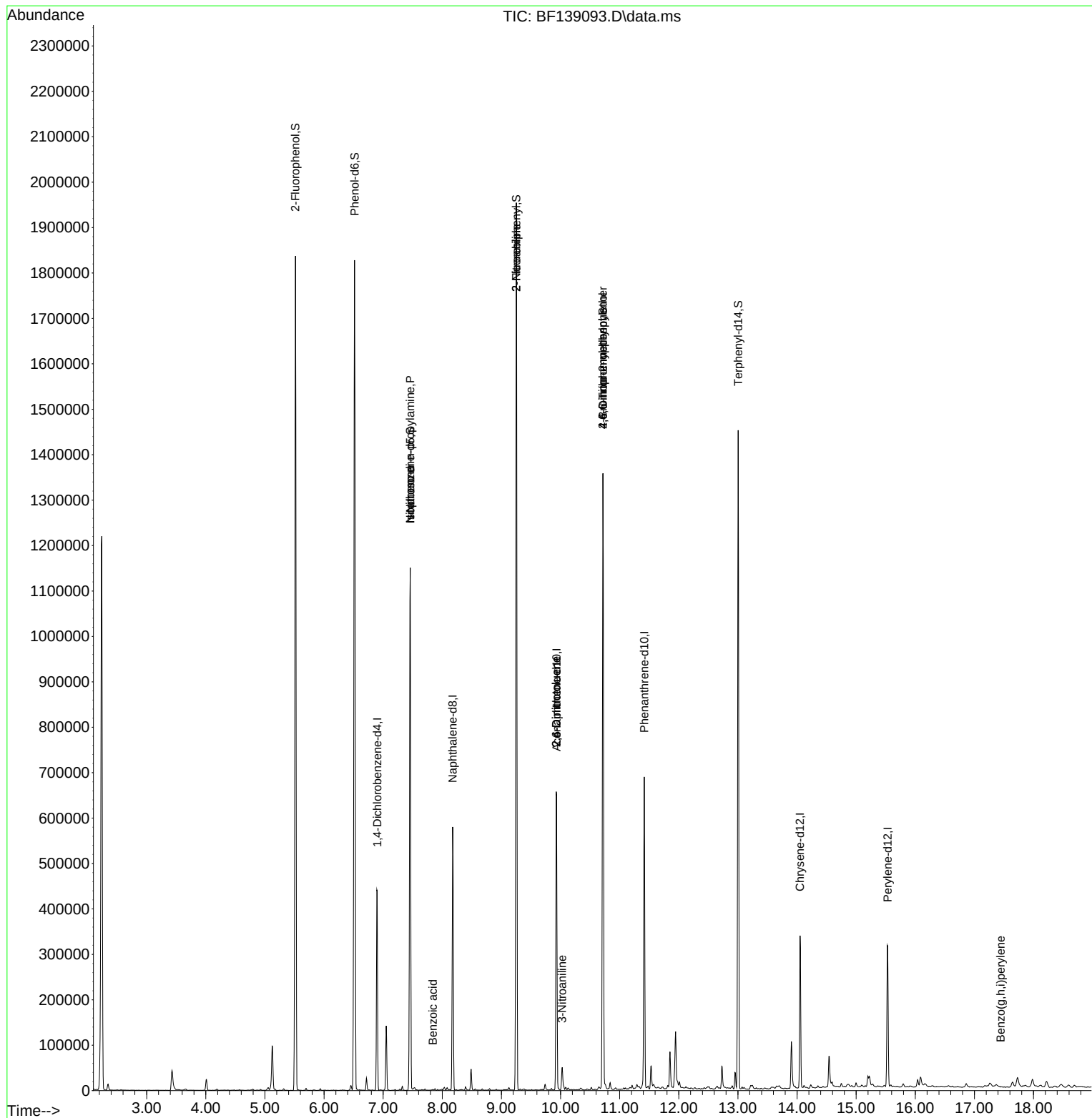
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	88228	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	333262	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	193908	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	335638	20.000	ng	0.00
76) Chrysene-d12	14.051	240	152501	20.000	ng	0.00
86) Perylene-d12	15.533	264	182422	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	628046	109.519	ng	0.00
7) Phenol-d6	6.516	99	847459	114.369	ng	0.00
23) Nitrobenzene-d5	7.457	82	525468	91.877	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	204728	116.626	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	816651	66.821	ng	0.00
79) Terphenyl-d14	13.004	244	672117	73.130	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	73159	15.035	ng	# 80
25) Isophorone	7.457	82	525295	43.212	ng	# 69
32) Benzoic acid	7.840	122	335	8.433	ng	# 90
48) 2-Nitroaniline	9.251	65	1712	6.145	ng	# 1
51) 2,6-Dinitrotoluene	9.928	165	24983	13.942	ng	# 16
53) 3-Nitroaniline	10.028	138	373	4.315	ng	# 1
57) 2,4-Dinitrotoluene	9.928	165	24983	12.886	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.716	198	507	6.925	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	14343	4.033	ng	# 1
92) Benzo(g,h,i)perylene	17.445	276	53	2.799	ng	# 55

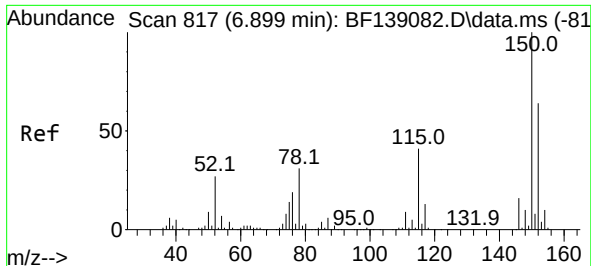
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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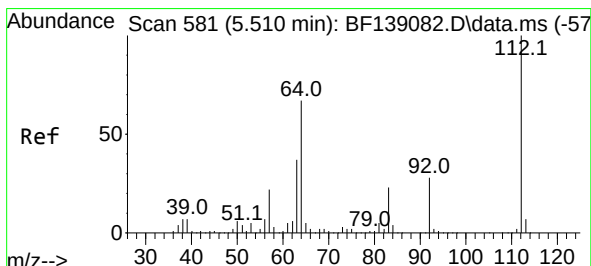
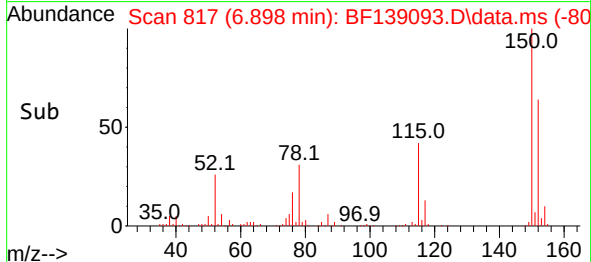
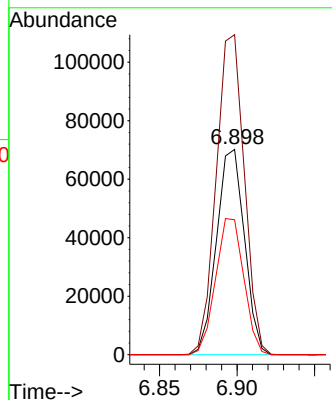
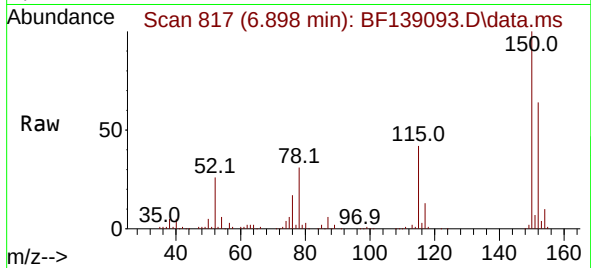




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF139093.D
Acq: 21 Aug 2024 10:51

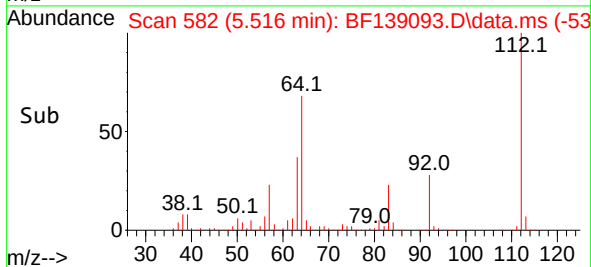
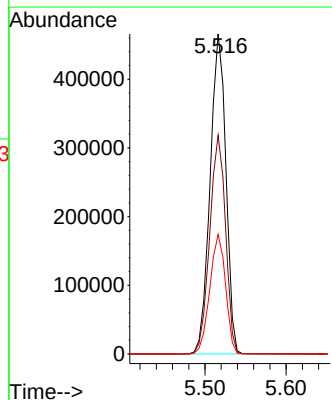
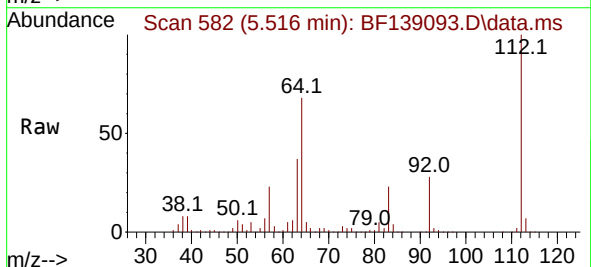
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624

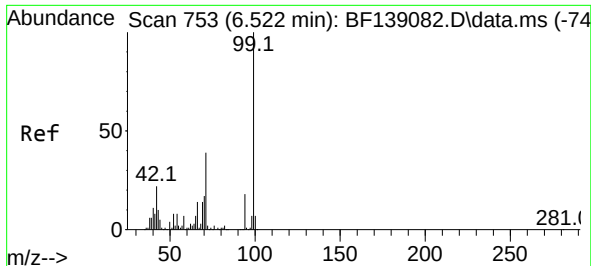
Tgt Ion:152 Resp: 88228
Ion Ratio Lower Upper
152 100
150 155.8 125.1 187.7
115 65.7 51.8 77.6



#5
2-Fluorophenol
Concen: 109.519 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF139093.D
Acq: 21 Aug 2024 10:51

Tgt Ion:112 Resp: 628046
Ion Ratio Lower Upper
112 100
64 68.3 53.8 80.6
63 37.3 29.4 44.2

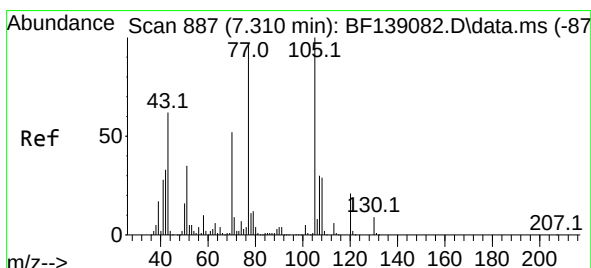
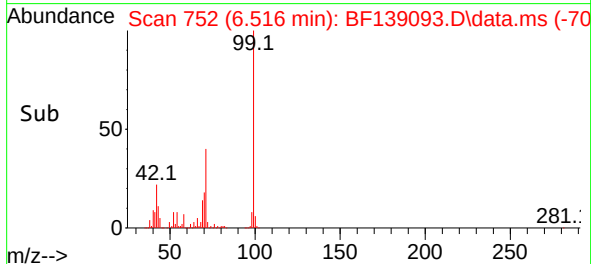
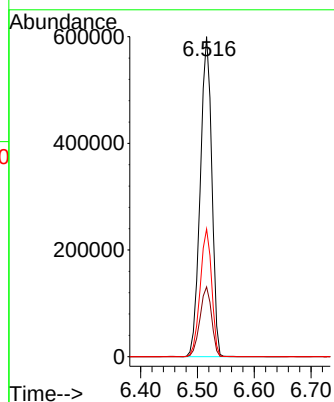
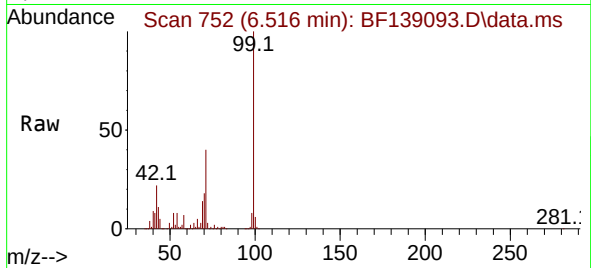




#7
Phenol-d6
Concen: 114.369 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139093.D
Acq: 21 Aug 2024 10:51

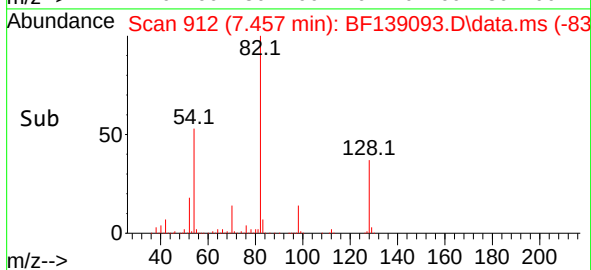
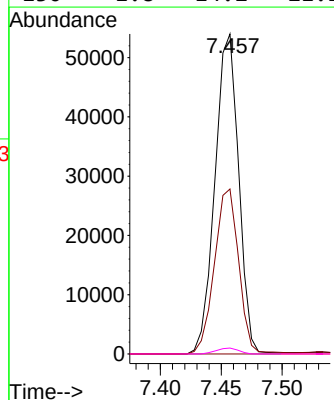
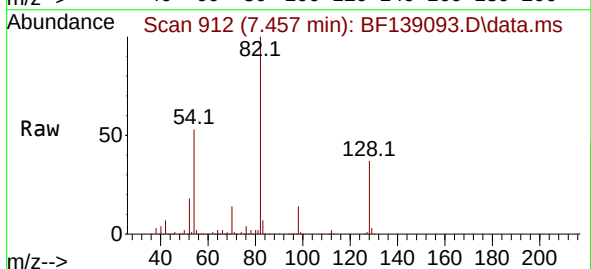
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624

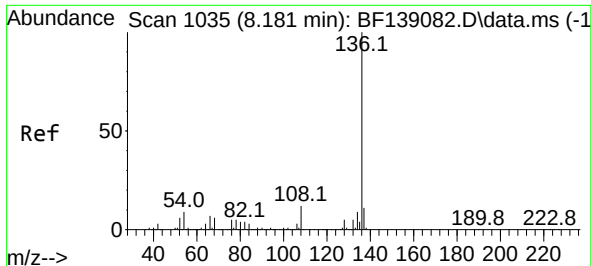
Tgt Ion: 99 Resp: 847459
Ion Ratio Lower Upper
99 100
42 21.8 17.4 26.2
71 39.9 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.035 ng
RT: 7.457 min Scan# 912
Delta R.T. 0.147 min
Lab File: BF139093.D
Acq: 21 Aug 2024 10:51

Tgt Ion: 70 Resp: 73159
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#

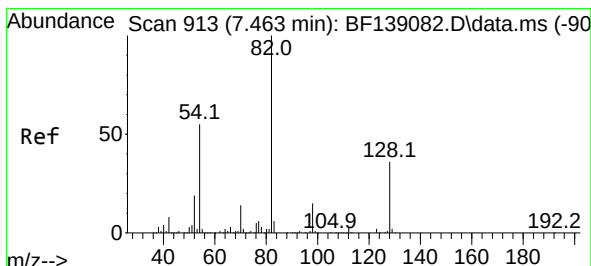
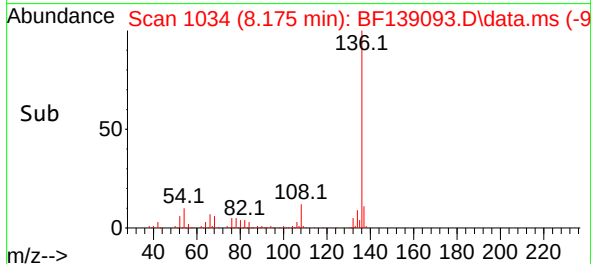
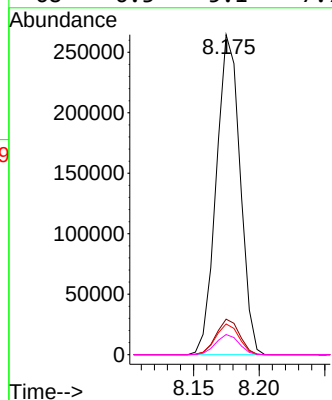
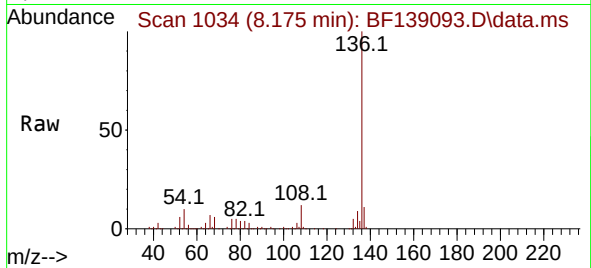




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139093.D
Acq: 21 Aug 2024 10:51

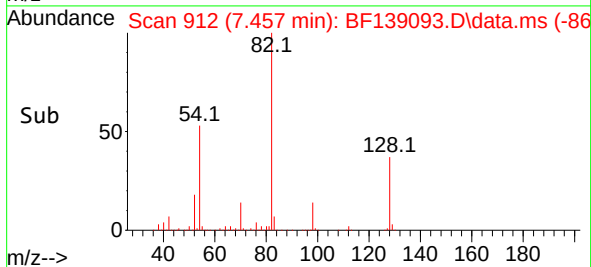
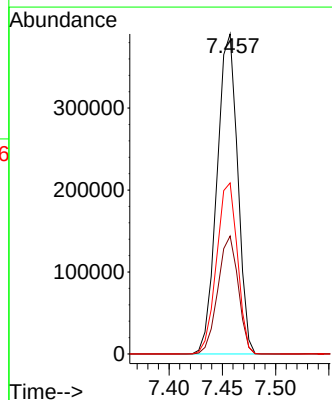
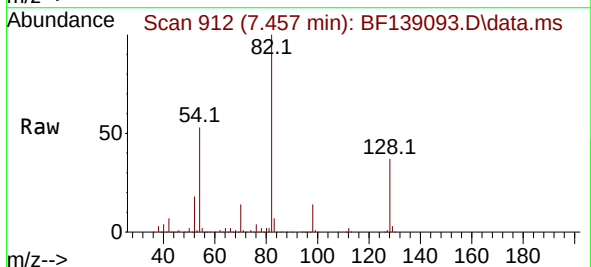
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624

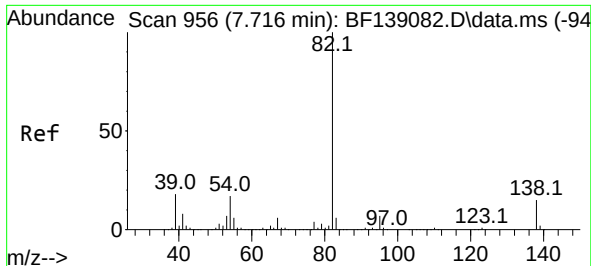
Tgt Ion:	136	Resp:	333262
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.6	7.6	11.4
68	6.3	5.1	7.7



#23
Nitrobenzene-d5
Concen: 91.877 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF139093.D
Acq: 21 Aug 2024 10:51

Tgt Ion:	82	Resp:	525468
Ion	Ratio	Lower	Upper
82	100		
128	36.8	29.0	43.4
54	53.4	43.4	65.2

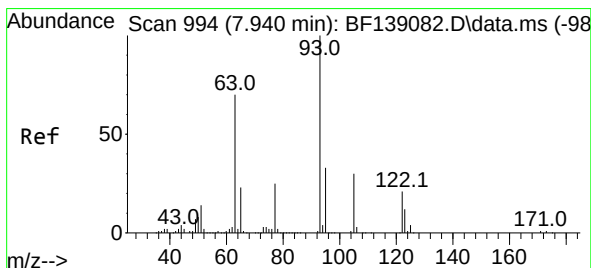
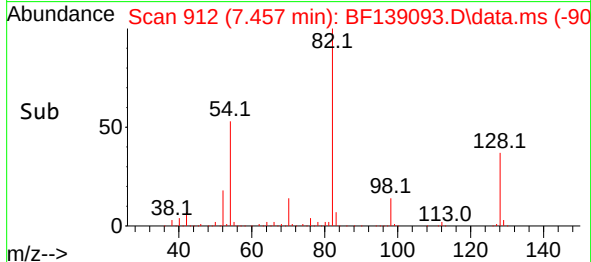
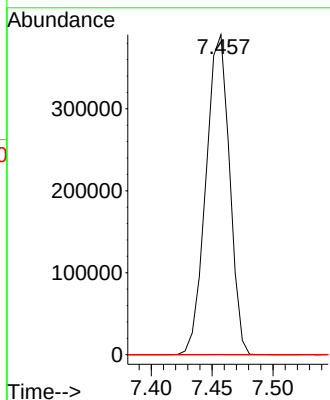
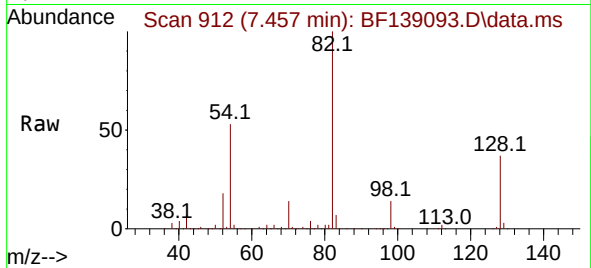




#25
Isophorone
Concen: 43.212 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF139093.D
Acq: 21 Aug 2024 10:51

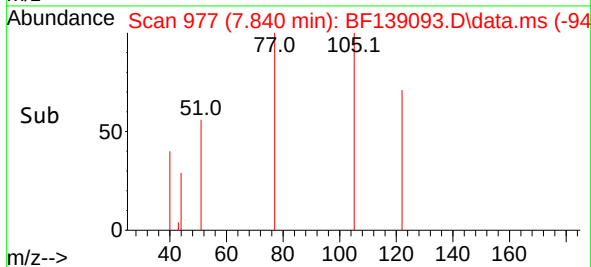
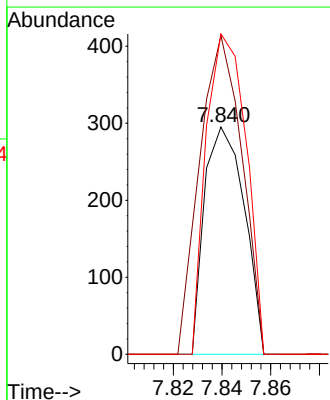
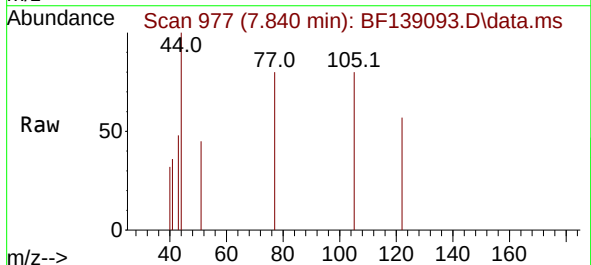
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624

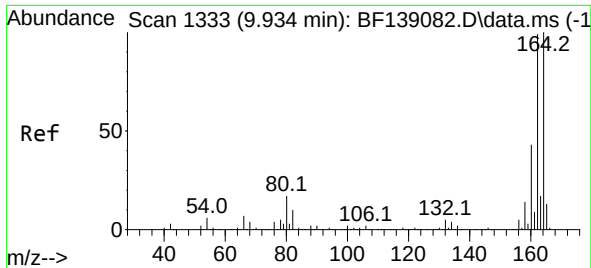
Tgt Ion: 82 Resp: 525295
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 8.433 ng
RT: 7.840 min Scan# 977
Delta R.T. -0.100 min
Lab File: BF139093.D
Acq: 21 Aug 2024 10:51

Tgt Ion:122 Resp: 335
Ion Ratio Lower Upper
122 100
105 140.3 119.6 159.6
77 141.0 97.6 137.6#

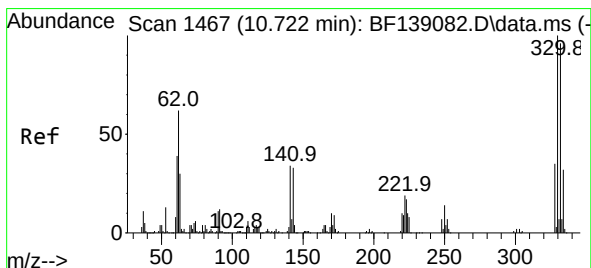
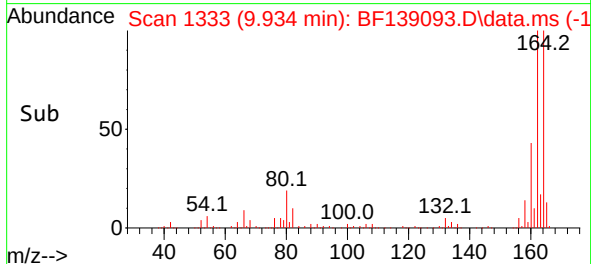
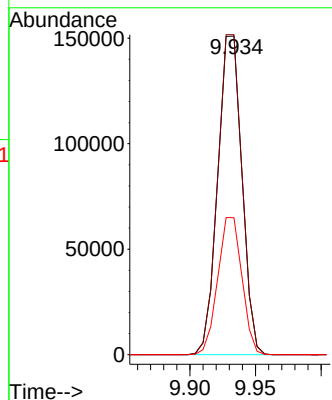
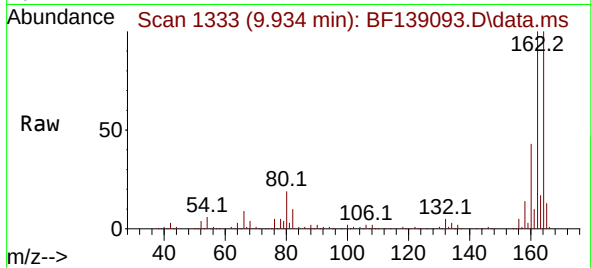




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139093.D
Acq: 21 Aug 2024 10:51

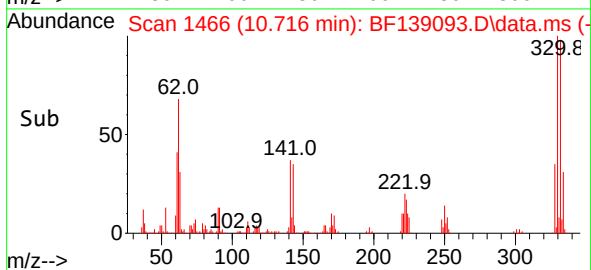
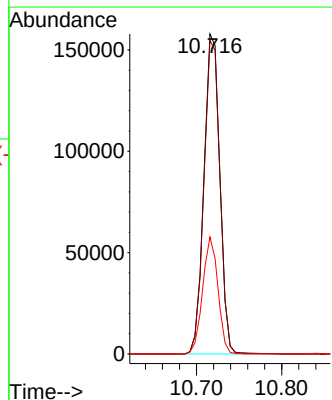
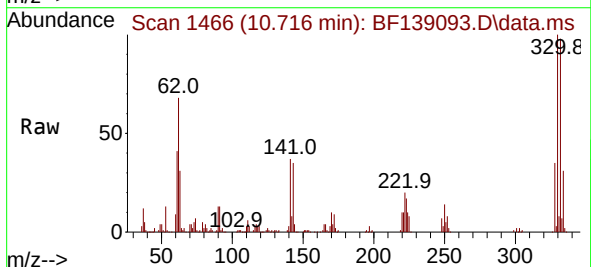
Instrument :
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ClientSampleId :
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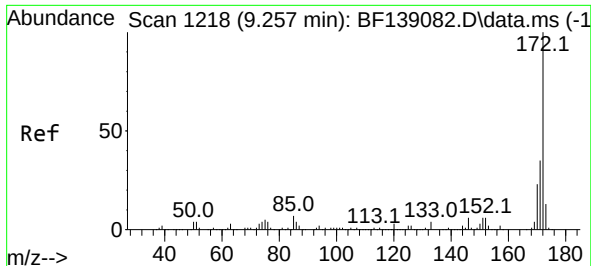
Tgt Ion:164 Resp: 193908
Ion Ratio Lower Upper
164 100
162 100.5 79.5 119.3
160 43.0 34.5 51.7



#42
2,4,6-Tribromophenol
Concen: 116.626 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF139093.D
Acq: 21 Aug 2024 10:51

Tgt Ion:330 Resp: 204728
Ion Ratio Lower Upper
330 100
332 98.1 77.0 115.6
141 35.1 27.5 41.3





#45

2-Fluorobiphenyl

Concen: 66.821 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF139093.D

Acq: 21 Aug 2024 10:51

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624

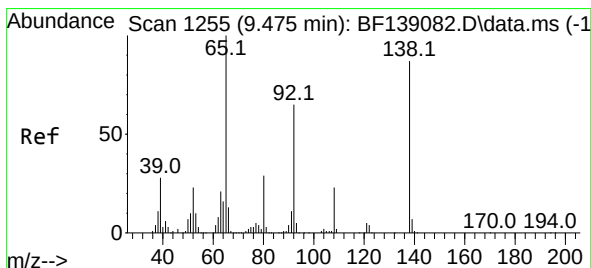
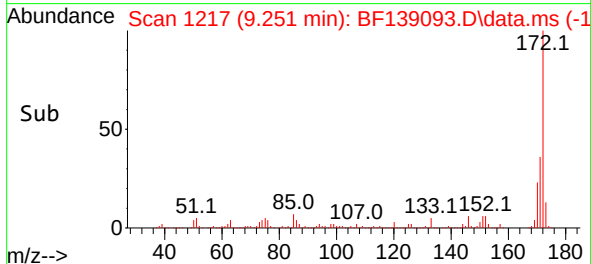
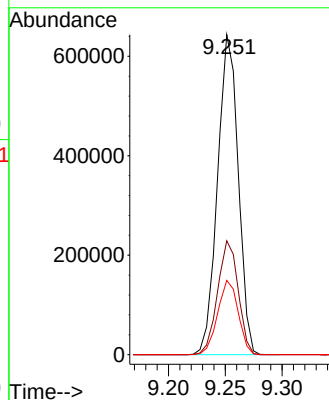
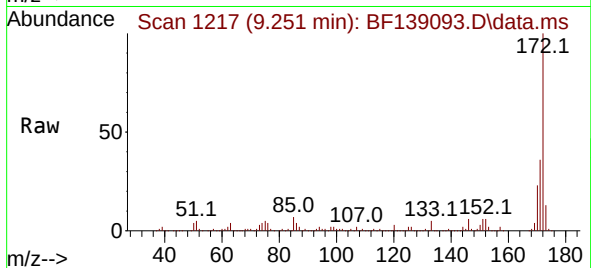
Tgt Ion:172 Resp: 816651

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.2 18.8 28.2



#48

2-Nitroaniline

Concen: 6.145 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.224 min

Lab File: BF139093.D

Acq: 21 Aug 2024 10:51

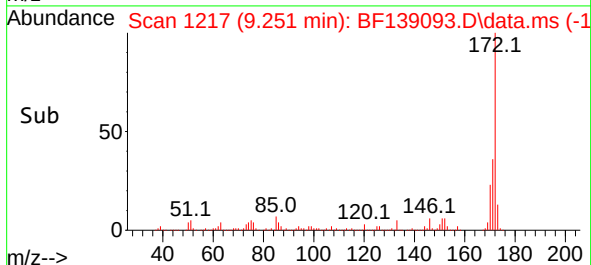
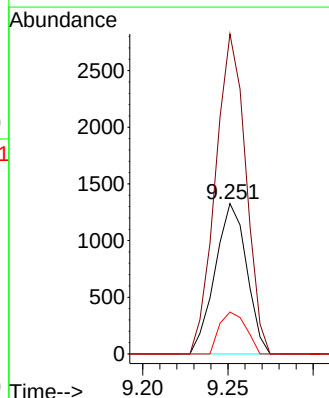
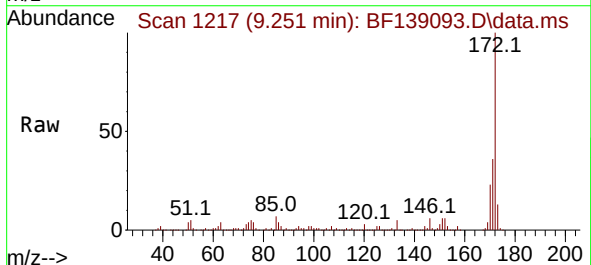
Tgt Ion: 65 Resp: 1712

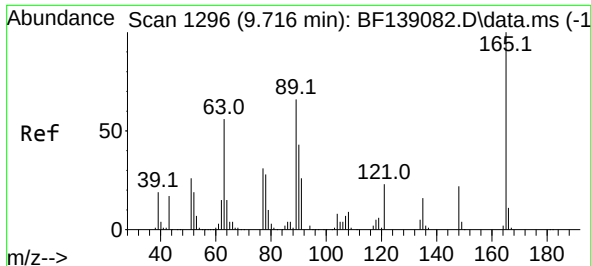
Ion Ratio Lower Upper

65 100

92 212.7 52.4 78.6#

138 27.8 69.4 104.0#

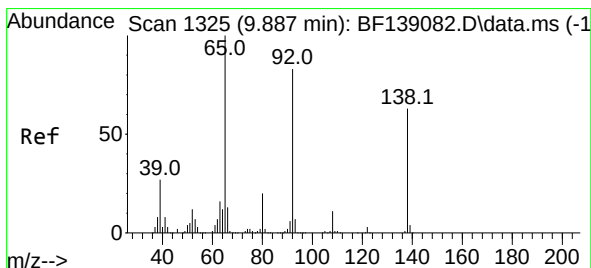
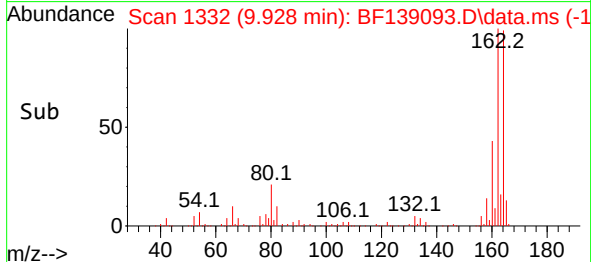
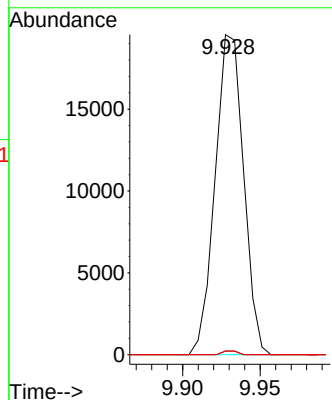
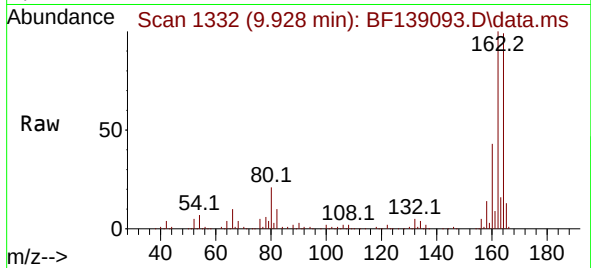




#51
2,6-Dinitrotoluene
Concen: 13.942 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139093.D
Acq: 21 Aug 2024 10:51

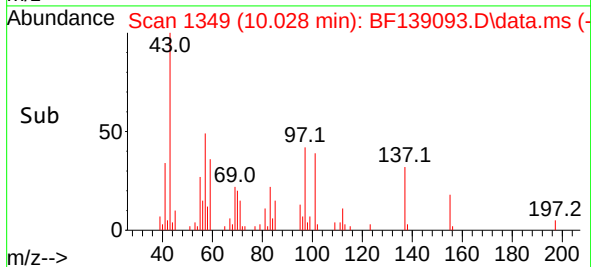
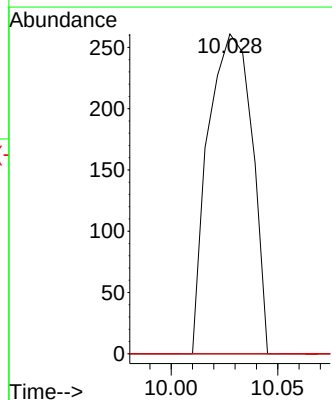
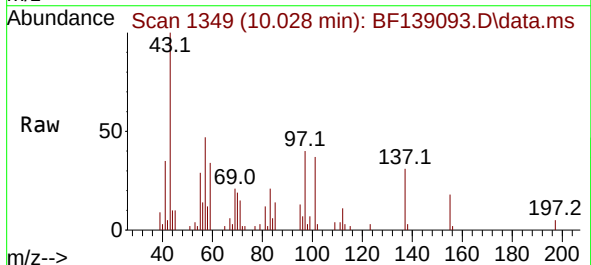
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624

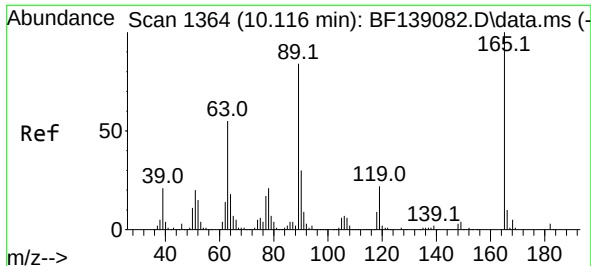
Tgt Ion:165 Resp: 24983
Ion Ratio Lower Upper
165 100
63 1.1 58.0 87.0#
89 1.1 53.3 79.9#



#53
3-Nitroaniline
Concen: 4.315 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.141 min
Lab File: BF139093.D
Acq: 21 Aug 2024 10:51

Tgt Ion:138 Resp: 373
Ion Ratio Lower Upper
138 100
108 0.0 14.6 21.8#
92 0.0 105.9 158.9#

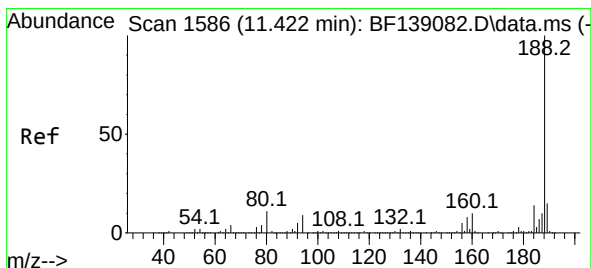
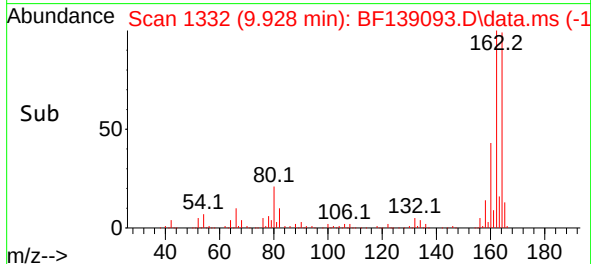
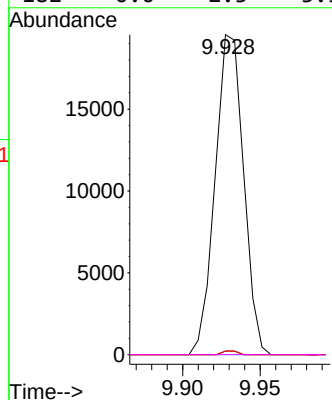
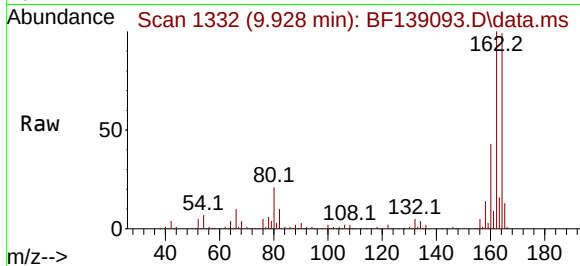




#57
2,4-Dinitrotoluene
Concen: 12.886 ng
RT: 9.928 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF139093.D
Acq: 21 Aug 2024 10:51

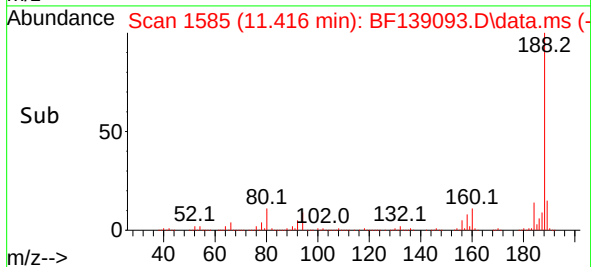
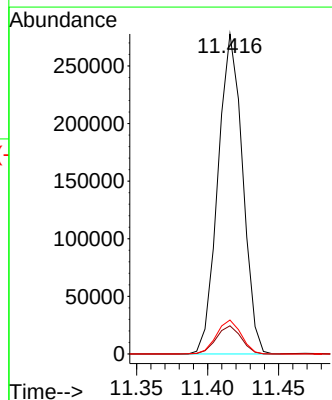
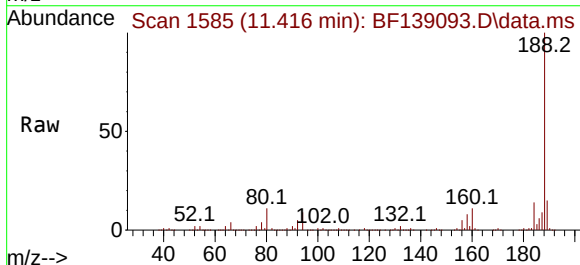
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624

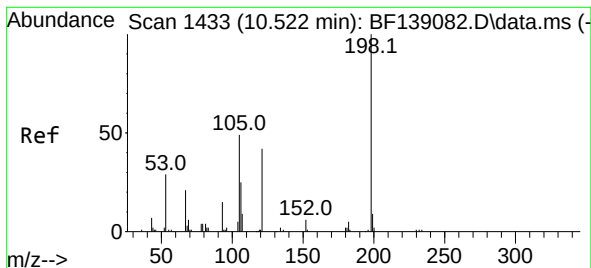
Tgt Ion:165	Resp:	24983
Ion	Ratio	Lower Upper
165	100	
63	1.1	44.2 66.4#
89	1.1	67.4 101.2#
182	0.0	2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF139093.D
Acq: 21 Aug 2024 10:51

Tgt Ion:188	Resp:	335638
Ion	Ratio	Lower Upper
188	100	
94	8.8	7.2 10.8
80	10.6	8.5 12.7

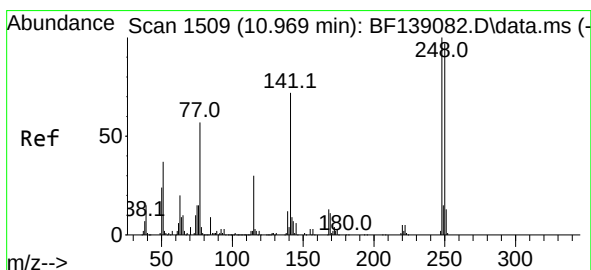
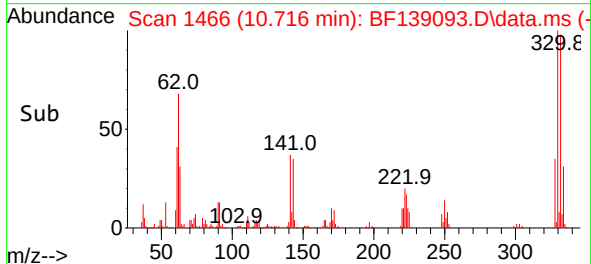
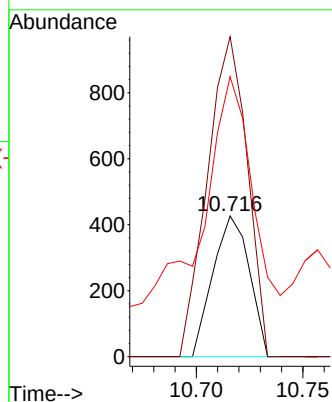
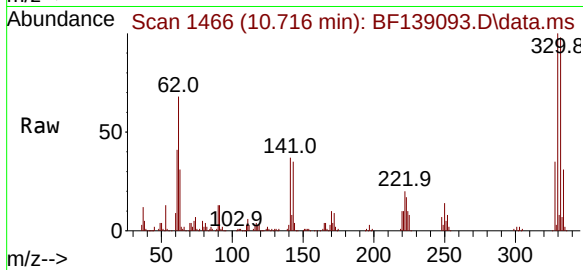




#65
4,6-Dinitro-2-methylphenol
Concen: 6.925 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF139093.D
Acq: 21 Aug 2024 10:51

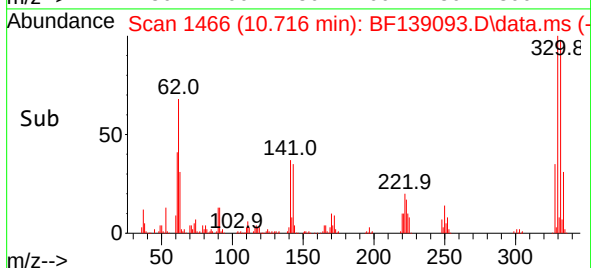
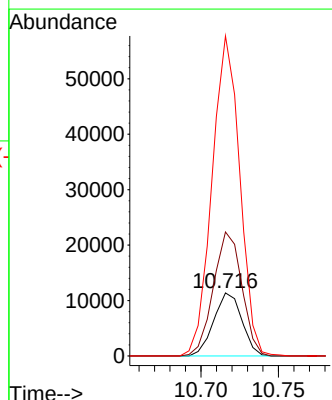
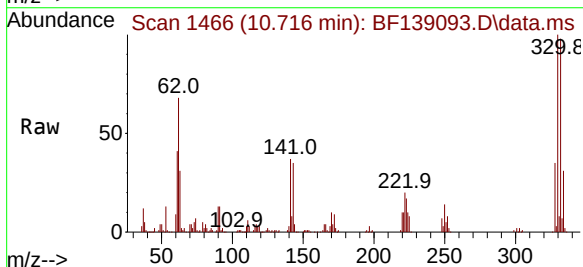
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624

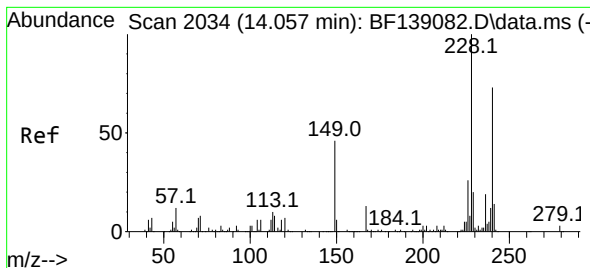
Tgt Ion:198 Resp: 507
Ion Ratio Lower Upper
198 100
51 227.2 40.8 80.8#
105 198.8 30.9 70.9#



#67
4-Bromophenyl-phenylether
Concen: 4.033 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.253 min
Lab File: BF139093.D
Acq: 21 Aug 2024 10:51

Tgt Ion:248 Resp: 14343
Ion Ratio Lower Upper
248 100
250 196.6 77.8 116.8#
141 507.5 57.9 86.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF139093.D

Acq: 21 Aug 2024 10:51

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624

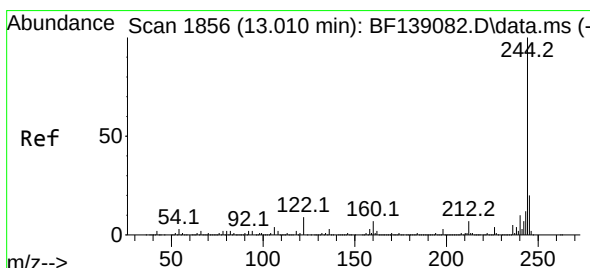
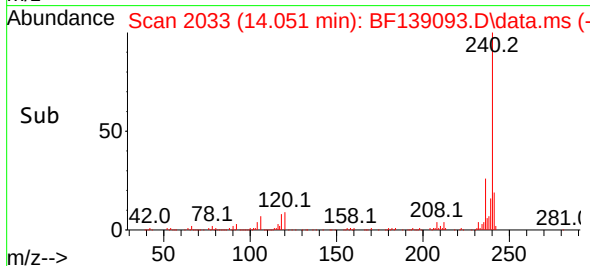
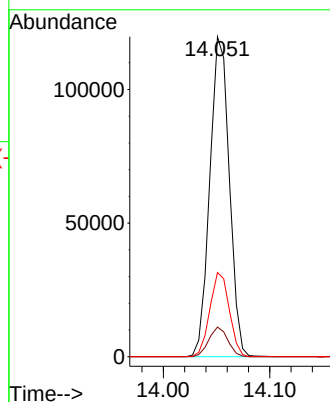
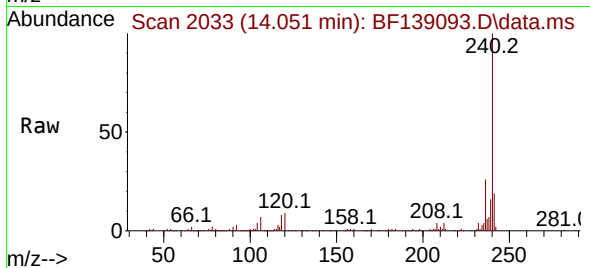
Tgt Ion:240 Resp: 152501

Ion Ratio Lower Upper

240 100

120 9.3 7.8 11.6

236 26.3 20.9 31.3



#79

Terphenyl-d14

Concen: 73.130 ng

RT: 13.004 min Scan# 1855

Delta R.T. -0.006 min

Lab File: BF139093.D

Acq: 21 Aug 2024 10:51

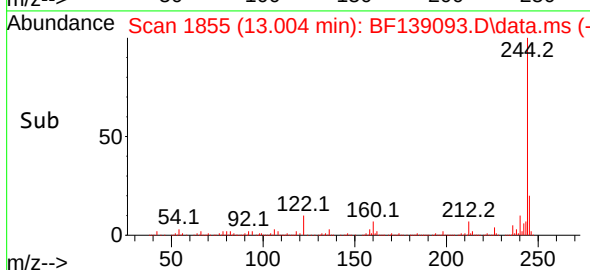
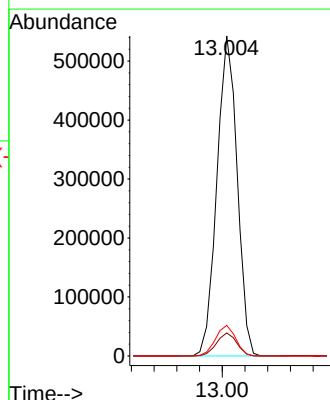
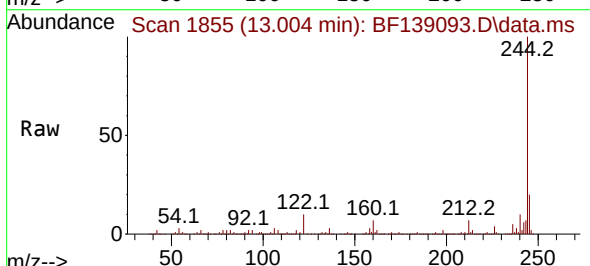
Tgt Ion:244 Resp: 672117

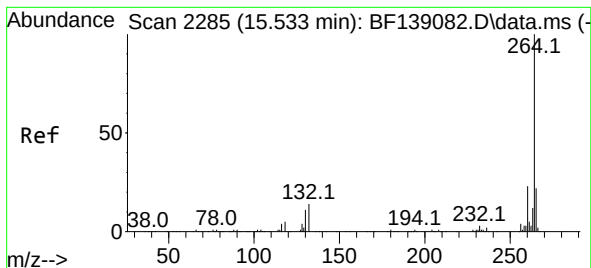
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 9.5 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: BF139093.D

Acq: 21 Aug 2024 10:51

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624

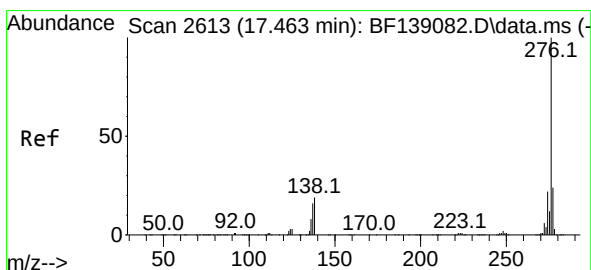
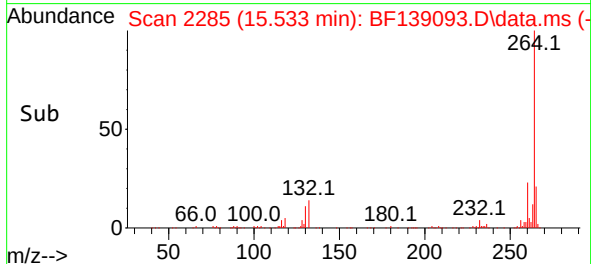
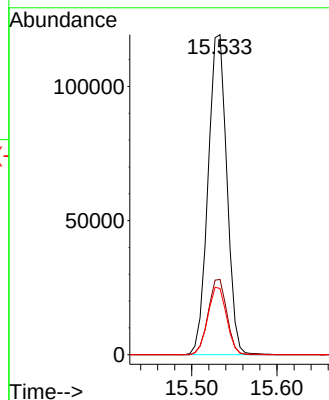
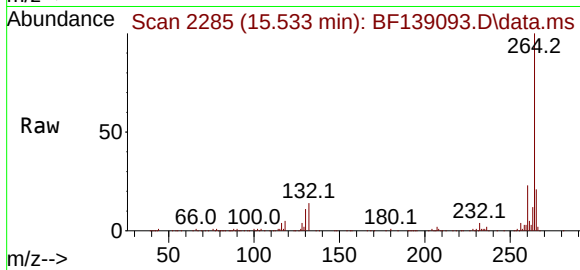
Tgt Ion:264 Resp: 182422

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 20.7 17.4 26.2



#92

Benzo(g,h,i)perylene

Concen: 2.799 ng

RT: 17.445 min Scan# 2610

Delta R.T. -0.018 min

Lab File: BF139093.D

Acq: 21 Aug 2024 10:51

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#

