

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
 Data File : BF139173.D
 Acq On : 26 Aug 2024 20:39
 Operator : RC/JU
 Sample : PB162871TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162871TB

Quant Time: Aug 27 03:45:55 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)

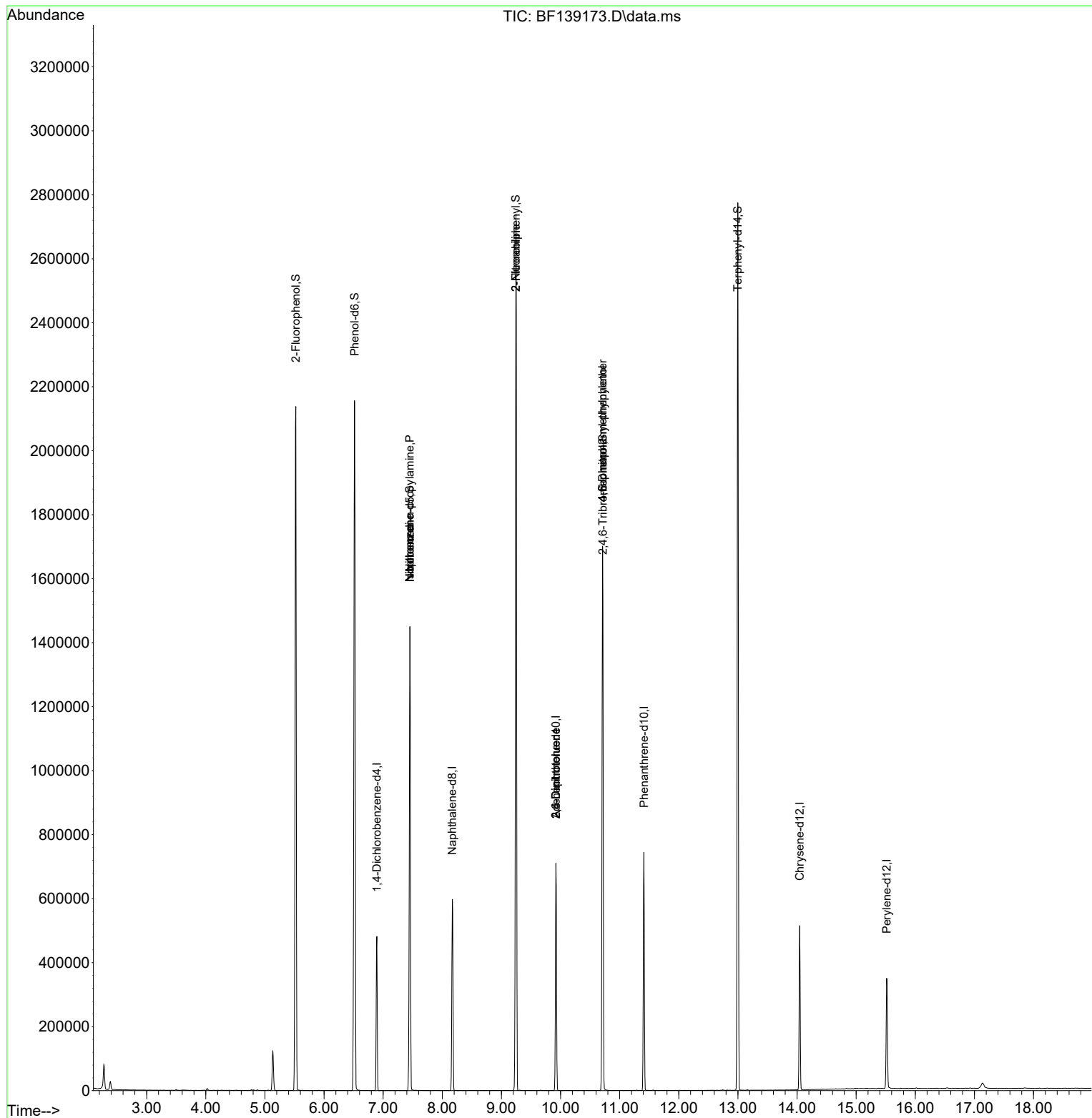
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	95574	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	358333	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	207380	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	374547	20.000	ng	0.00
76) Chrysene-d12	14.045	240	233089	20.000	ng	0.00
86) Perylene-d12	15.515	264	202769	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	777210	136.647	ng	0.02
7) Phenol-d6	6.516	99	1036087	132.732	ng	0.00
23) Nitrobenzene-d5	7.451	82	681935	105.431	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	272476	153.412	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1194594	89.480	ng	0.00
79) Terphenyl-d14	12.998	244	1346267	90.121	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	93649	20.059	ng	# 78
24) Nitrobenzene	7.451	77	2117	3.517	ng	# 42
25) Isophorone	7.451	82	679920	53.156	ng	# 68
48) 2-Nitroaniline	9.245	65	2399	6.377	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	27200	14.655	ng	# 14
57) 2,4-Dinitrotoluene	9.922	165	27200	13.260	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.710	198	620	7.348	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	18876	4.743	ng	# 1

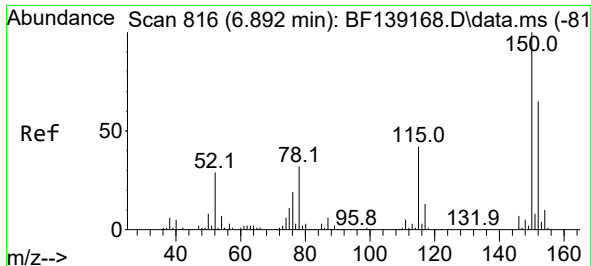
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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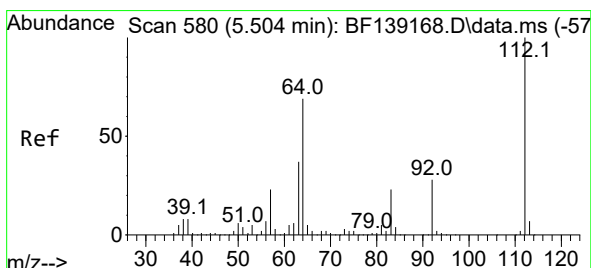
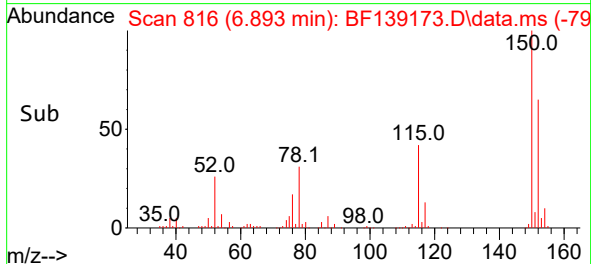
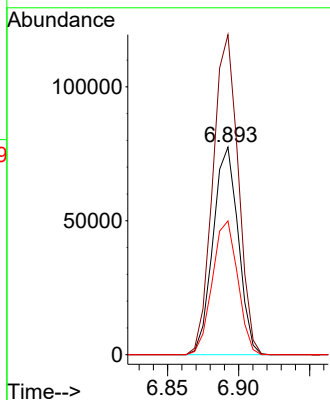
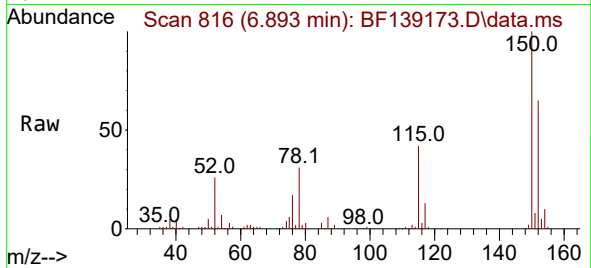




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139173.D
Acq: 26 Aug 2024 20:39

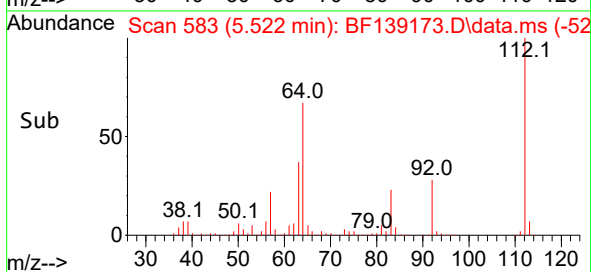
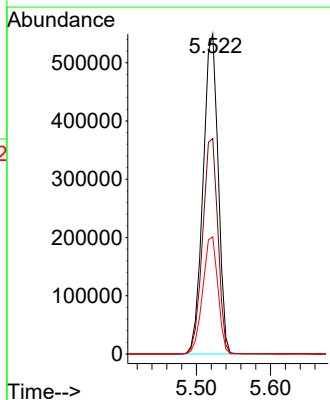
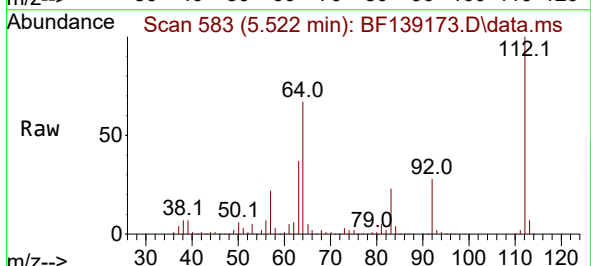
Instrument :
BNA_F
ClientSampleId :
PB162871TB

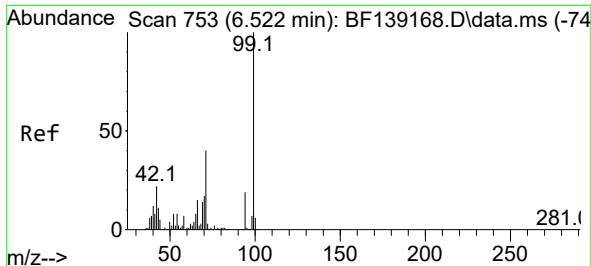
Tgt Ion:152 Resp: 95574
Ion Ratio Lower Upper
152 100
150 154.2 123.7 185.5
115 64.4 51.8 77.8



#5
2-Fluorophenol
Concen: 136.647 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.018 min
Lab File: BF139173.D
Acq: 26 Aug 2024 20:39

Tgt Ion:112 Resp: 777210
Ion Ratio Lower Upper
112 100
64 67.4 55.5 83.3
63 36.6 29.8 44.6

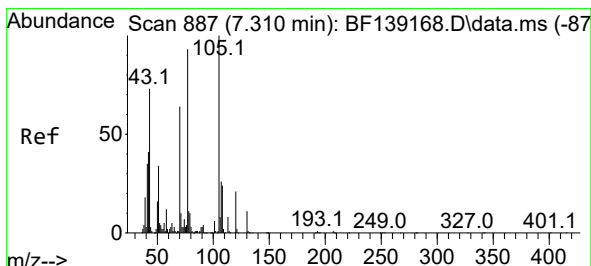
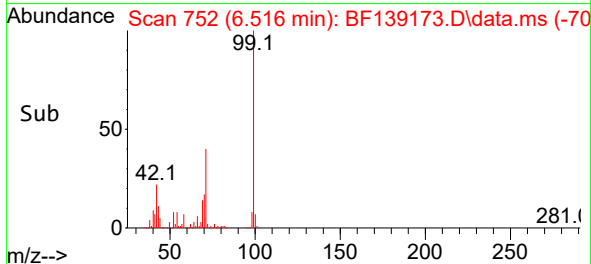
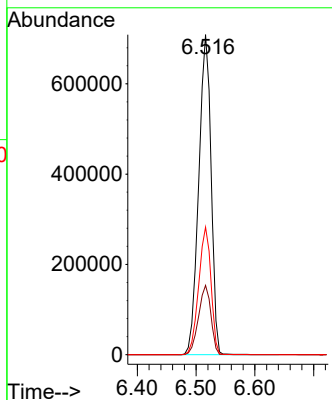
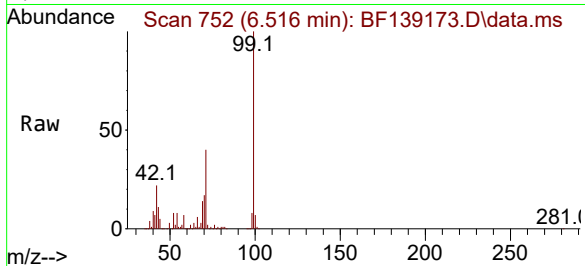




#7
Phenol-d6
Concen: 132.732 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139173.D
Acq: 26 Aug 2024 20:39

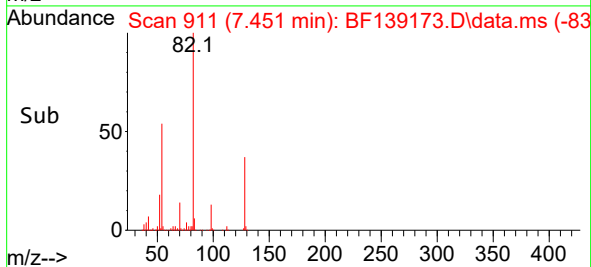
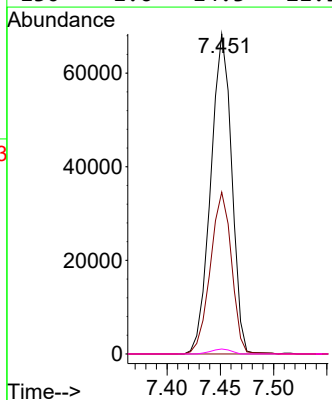
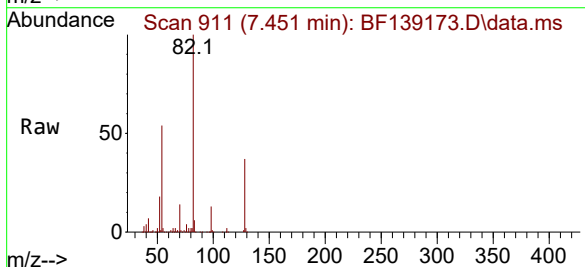
Instrument :
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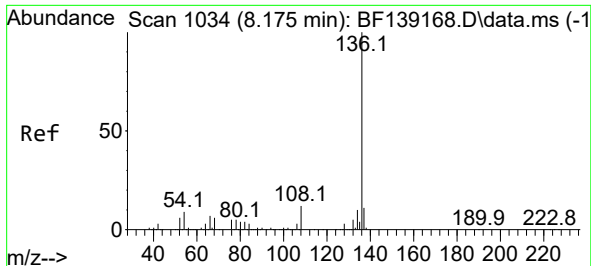
Tgt Ion: 99 Resp: 1036087
Ion Ratio Lower Upper
99 100
42 21.7 17.9 26.9
71 39.8 31.7 47.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.059 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF139173.D
Acq: 26 Aug 2024 20:39

Tgt Ion: 70 Resp: 93649
Ion Ratio Lower Upper
70 100
42 50.6 50.8 76.2#
101 0.0 7.4 11.0#
130 1.6 14.3 21.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139173.D

Acq: 26 Aug 2024 20:39

Instrument :

BNA_F

ClientSampleId :

PB162871TB

Tgt Ion:136 Resp: 358333

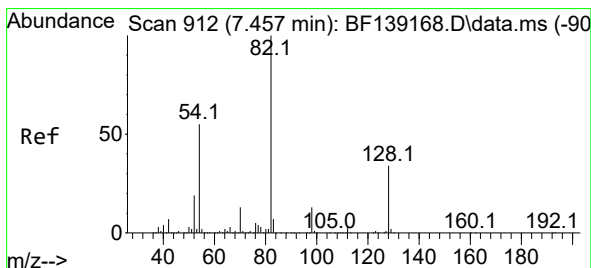
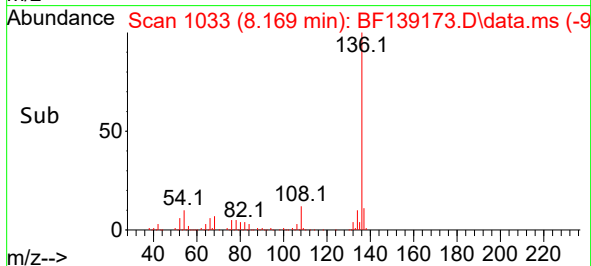
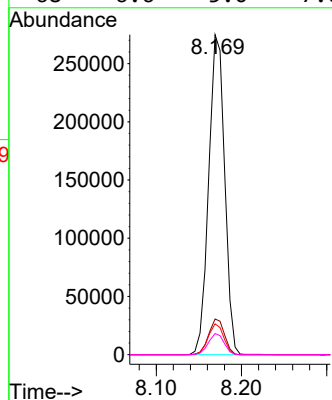
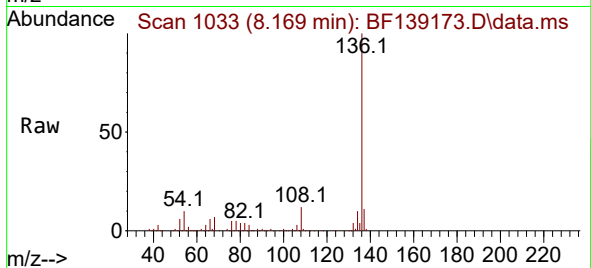
Ion Ratio Lower Upper

136 100

137 11.1 8.6 12.8

54 9.7 7.6 11.4

68 6.6 5.0 7.6



#23

Nitrobenzene-d5

Concen: 105.431 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139173.D

Acq: 26 Aug 2024 20:39

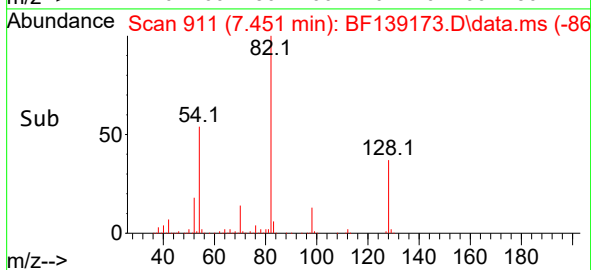
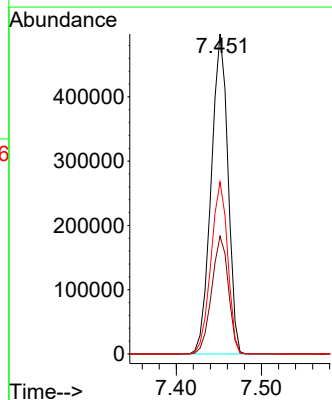
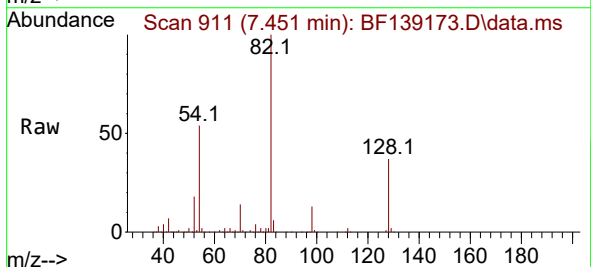
Tgt Ion: 82 Resp: 681935

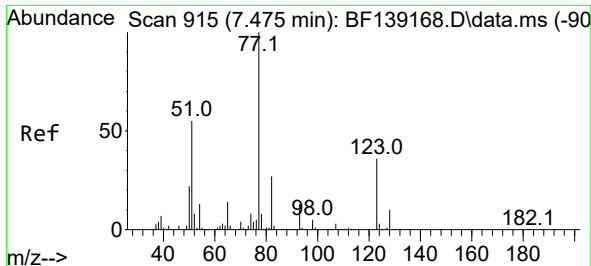
Ion Ratio Lower Upper

82 100

128 36.8 27.1 40.7

54 53.7 44.2 66.4

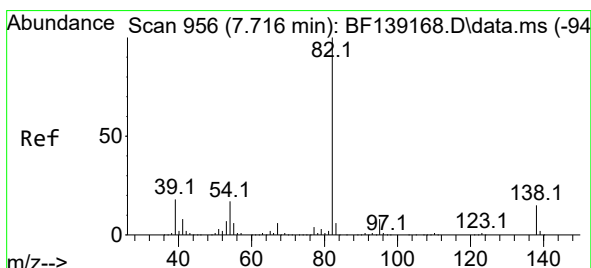
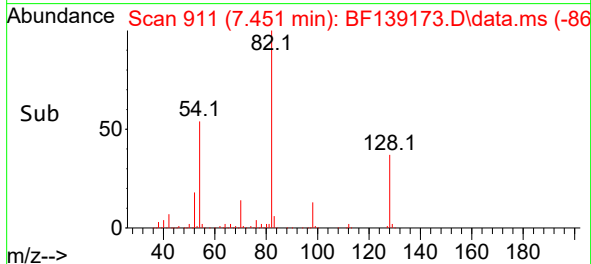
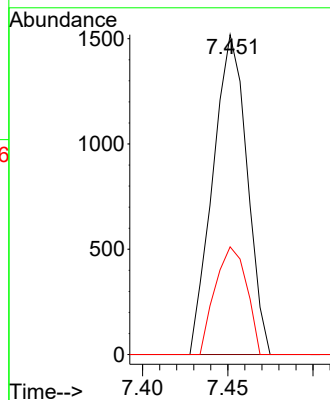
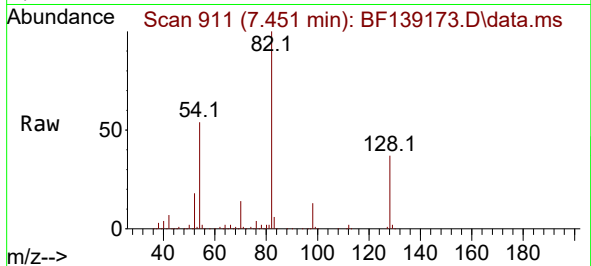




#24
Nitrobenzene
Concen: 3.517 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.024 min
Lab File: BF139173.D
Acq: 26 Aug 2024 20:39

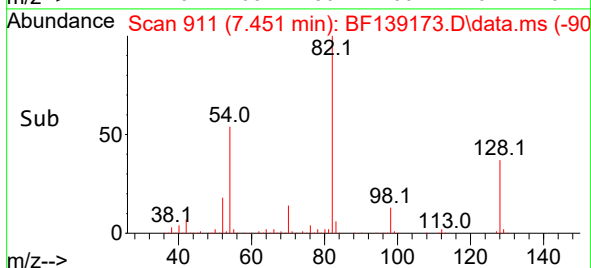
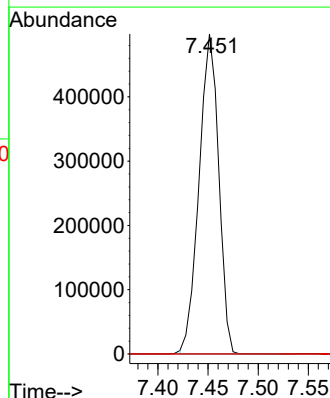
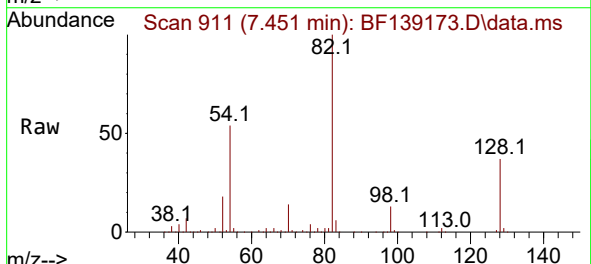
Instrument :
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ClientSampleId :
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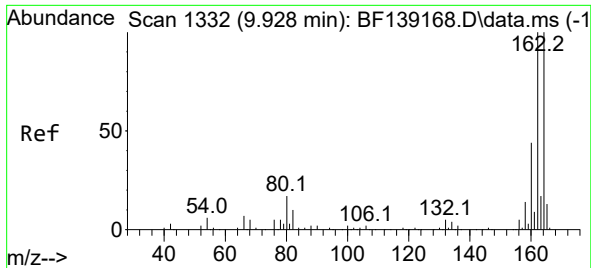
Tgt Ion: 77 Resp: 2117
Ion Ratio Lower Upper
77 100
123 0.0 28.7 43.1#
65 33.7 10.9 16.3#



#25
Isophorone
Concen: 53.156 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF139173.D
Acq: 26 Aug 2024 20:39

Tgt Ion: 82 Resp: 679920
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 12.2 18.4#

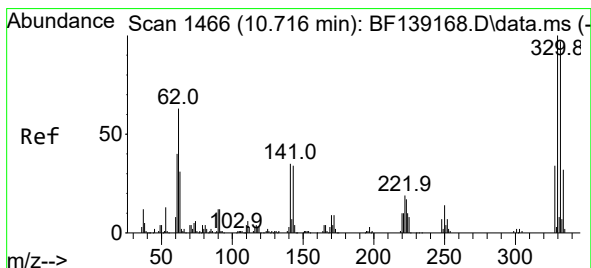
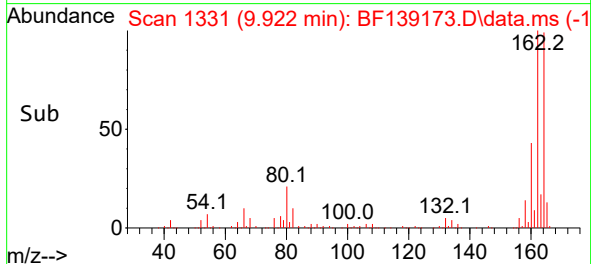
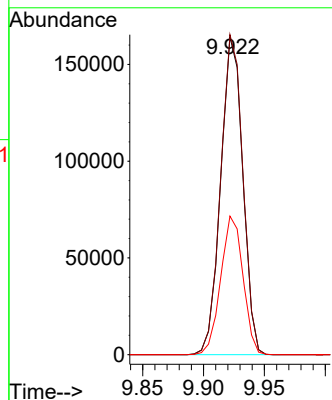
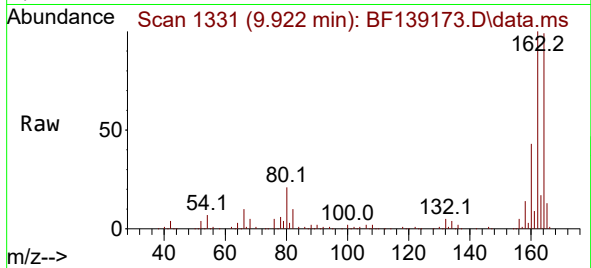




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF139173.D
Acq: 26 Aug 2024 20:39

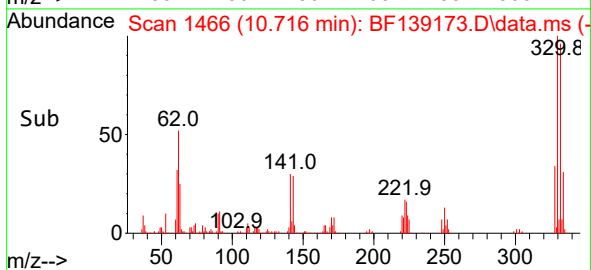
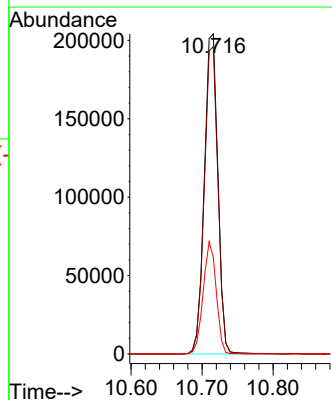
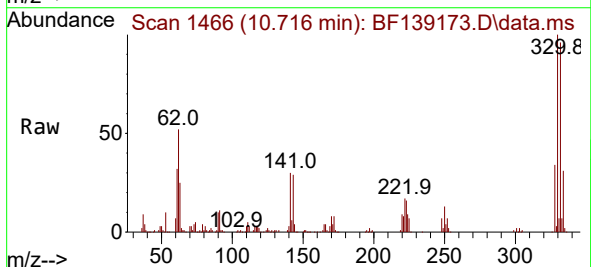
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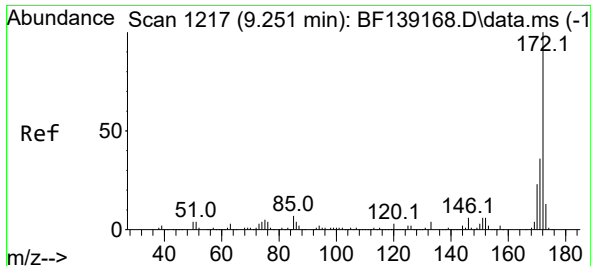
Tgt Ion:164 Resp: 207380
Ion Ratio Lower Upper
164 100
162 100.7 80.0 120.0
160 43.6 35.0 52.6



#42
2,4,6-Tribromophenol
Concen: 153.412 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF139173.D
Acq: 26 Aug 2024 20:39

Tgt Ion:330 Resp: 272476
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 33.7 28.8 43.2

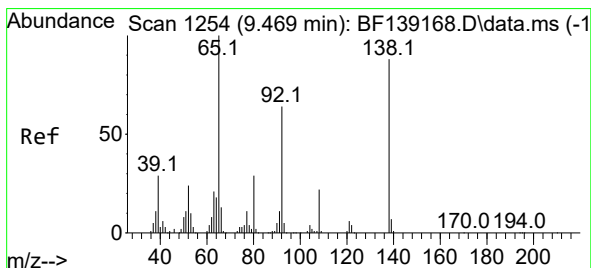
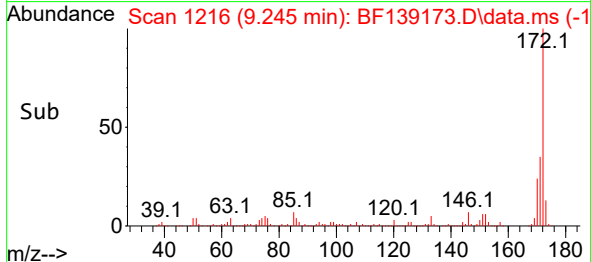
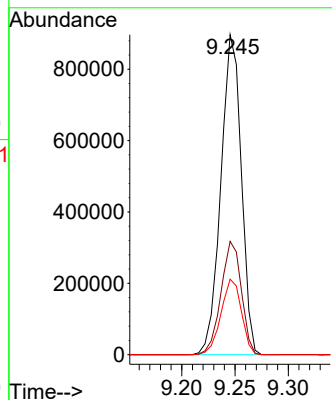
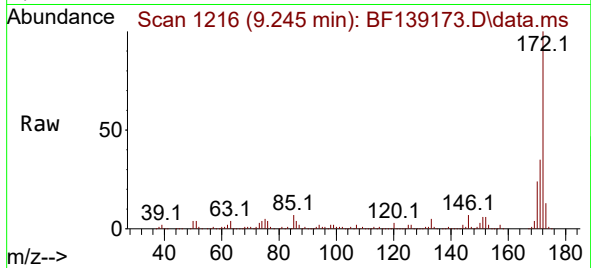




#45
2-Fluorobiphenyl
Concen: 89.480 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139173.D
Acq: 26 Aug 2024 20:39

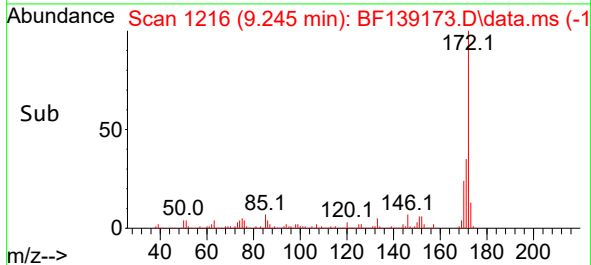
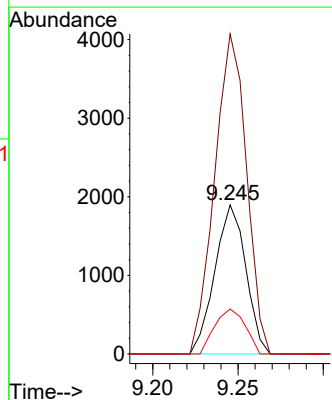
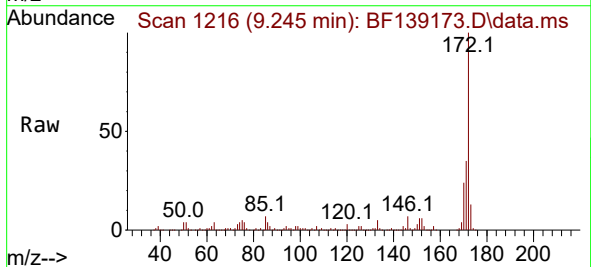
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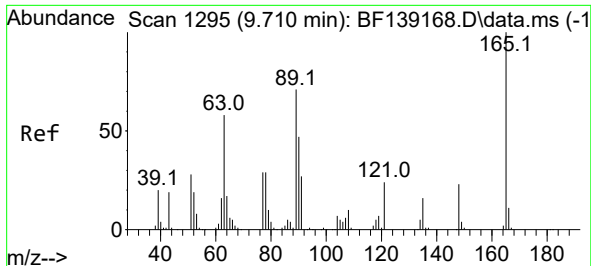
Tgt Ion:172 Resp: 1194594
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.6 18.8 28.2



#48
2-Nitroaniline
Concen: 6.377 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.224 min
Lab File: BF139173.D
Acq: 26 Aug 2024 20:39

Tgt Ion: 65 Resp: 2399
Ion Ratio Lower Upper
65 100
92 214.7 51.2 76.8#
138 30.2 70.0 105.0#

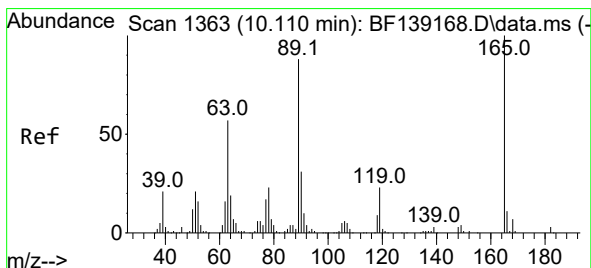
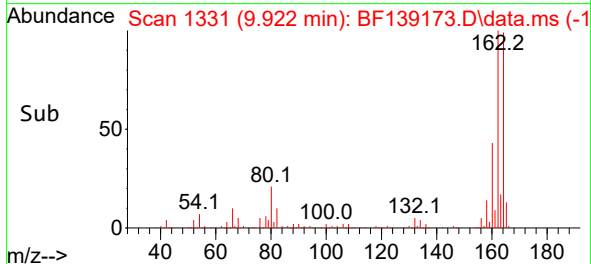
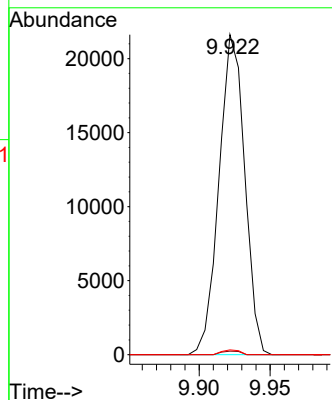
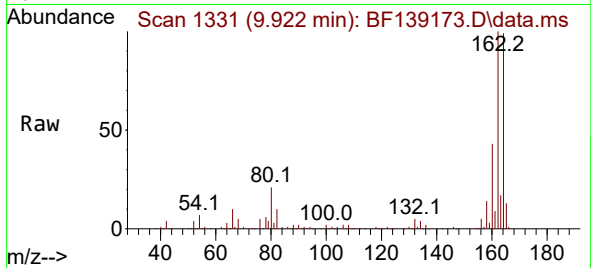




#51
2,6-Dinitrotoluene
Concen: 14.655 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139173.D
Acq: 26 Aug 2024 20:39

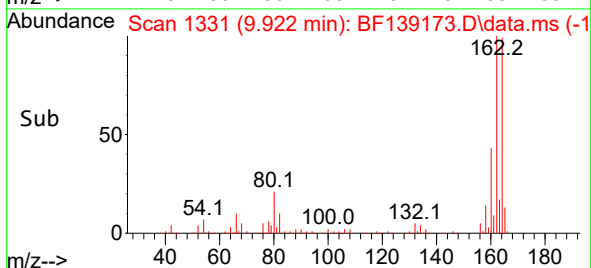
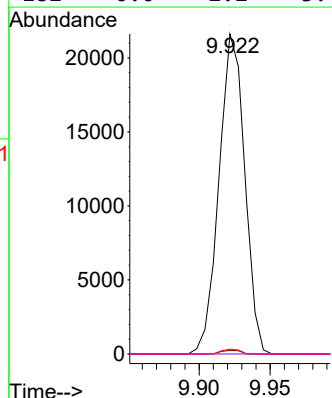
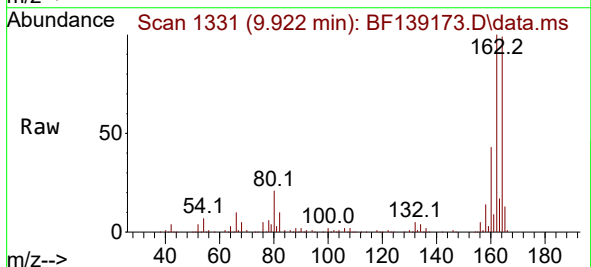
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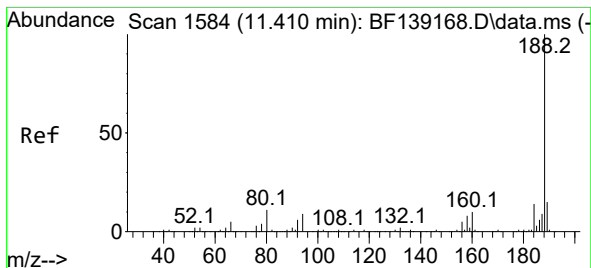
Tgt Ion:165 Resp: 27200
Ion Ratio Lower Upper
165 100
63 1.1 60.1 90.1#
89 1.5 57.0 85.6#



#57
2,4-Dinitrotoluene
Concen: 13.260 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139173.D
Acq: 26 Aug 2024 20:39

Tgt Ion:165 Resp: 27200
Ion Ratio Lower Upper
165 100
63 1.1 46.2 69.2#
89 1.5 70.2 105.4#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139173.D

Acq: 26 Aug 2024 20:39

Instrument :

BNA_F

ClientSampleId :

PB162871TB

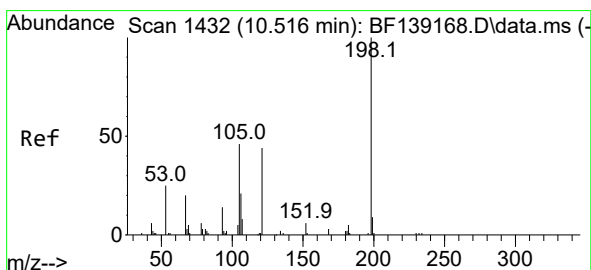
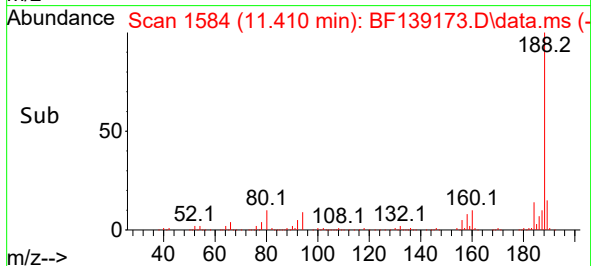
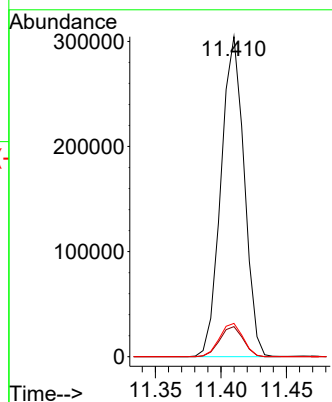
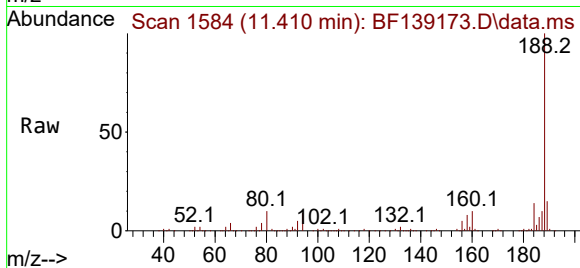
Tgt Ion:188 Resp: 374547

Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

80 10.4 8.9 13.3



#65

4,6-Dinitro-2-methylphenol

Concen: 7.348 ng

RT: 10.710 min Scan# 1465

Delta R.T. 0.194 min

Lab File: BF139173.D

Acq: 26 Aug 2024 20:39

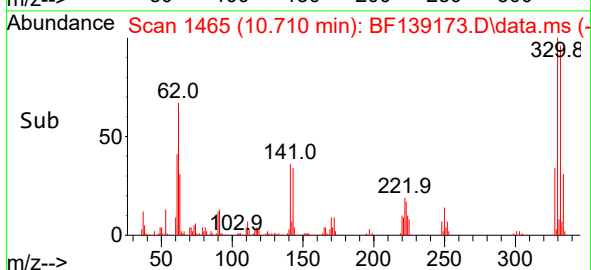
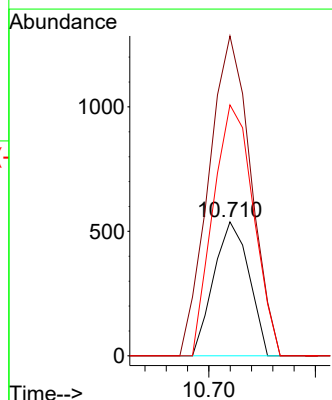
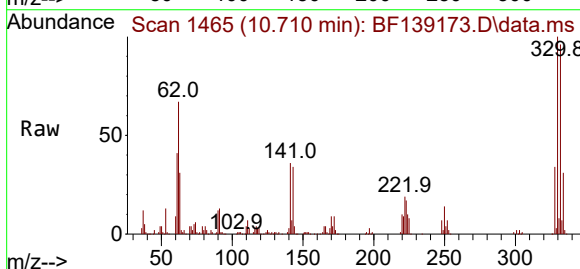
Tgt Ion:198 Resp: 620

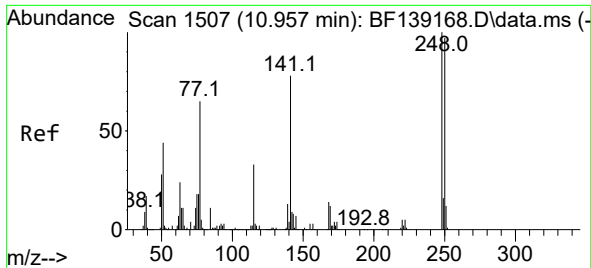
Ion Ratio Lower Upper

198 100

51 238.8 39.2 79.2#

105 187.4 29.3 69.3#

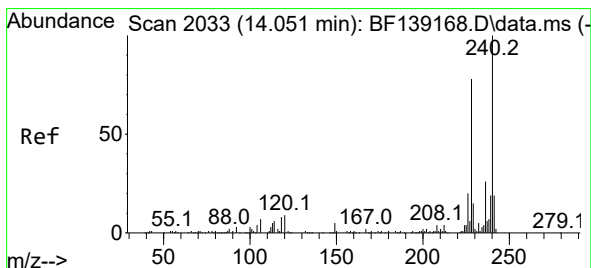
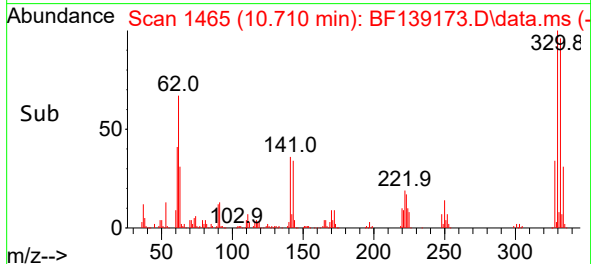
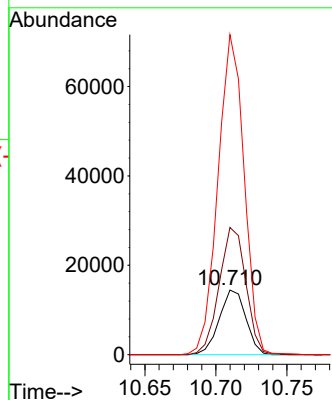
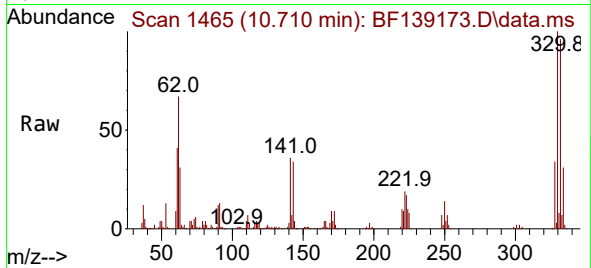




#67
4-Bromophenyl-phenylether
Concen: 4.743 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF139173.D
Acq: 26 Aug 2024 20:39

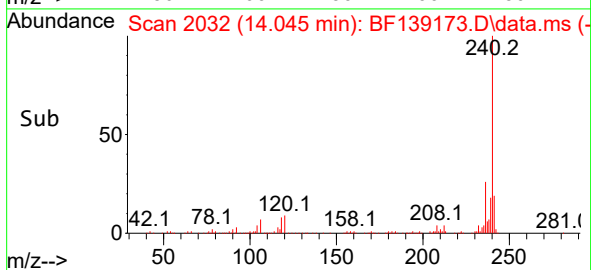
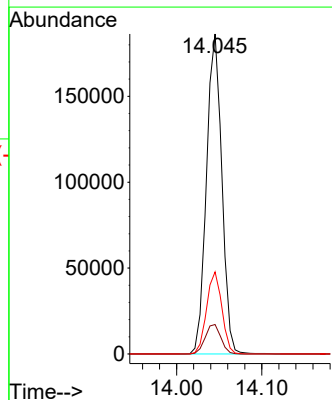
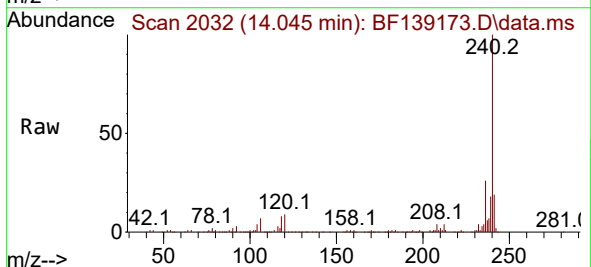
Instrument :
BNA_F
ClientSampleId :
PB162871TB

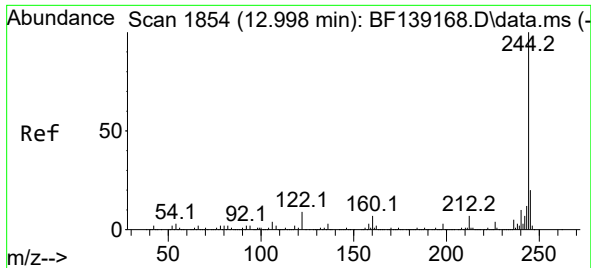
Tgt Ion:248 Resp: 18876
Ion Ratio Lower Upper
248 100
250 196.5 78.0 117.0#
141 494.4 62.6 94.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139173.D
Acq: 26 Aug 2024 20:39

Tgt Ion:240 Resp: 233089
Ion Ratio Lower Upper
240 100
120 9.2 6.9 10.3
236 25.7 20.9 31.3

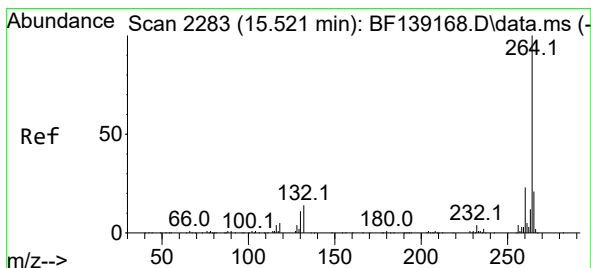
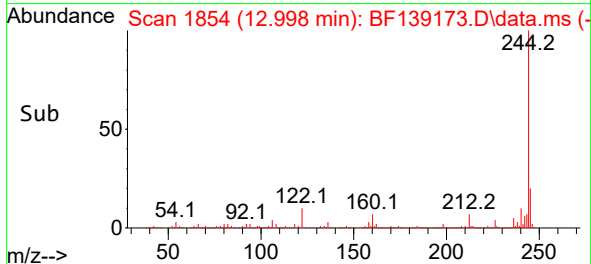
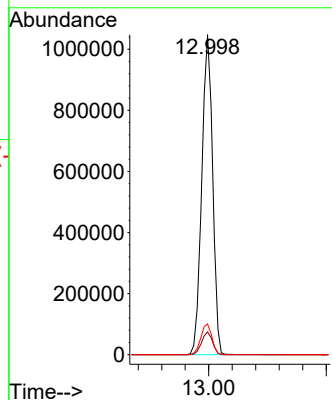
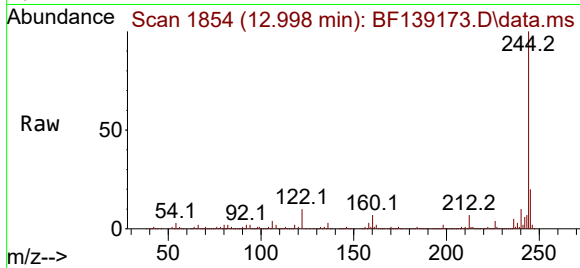




#79
Terphenyl-d14
Concen: 90.121 ng
RT: 12.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139173.D
Acq: 26 Aug 2024 20:39

Instrument :
BNA_F
ClientSampleId :
PB162871TB

Tgt Ion:244 Resp: 1346267
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 9.6 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF139173.D
Acq: 26 Aug 2024 20:39

Tgt Ion:264 Resp: 202769
Ion Ratio Lower Upper
264 100
260 23.3 18.3 27.5
265 21.6 17.0 25.6

