

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139470.D
 Acq On : 19 Sep 2024 18:23
 Operator : RC/JU
 Sample : P4015-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-1-TANK17

Quant Time: Sep 20 01:36:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

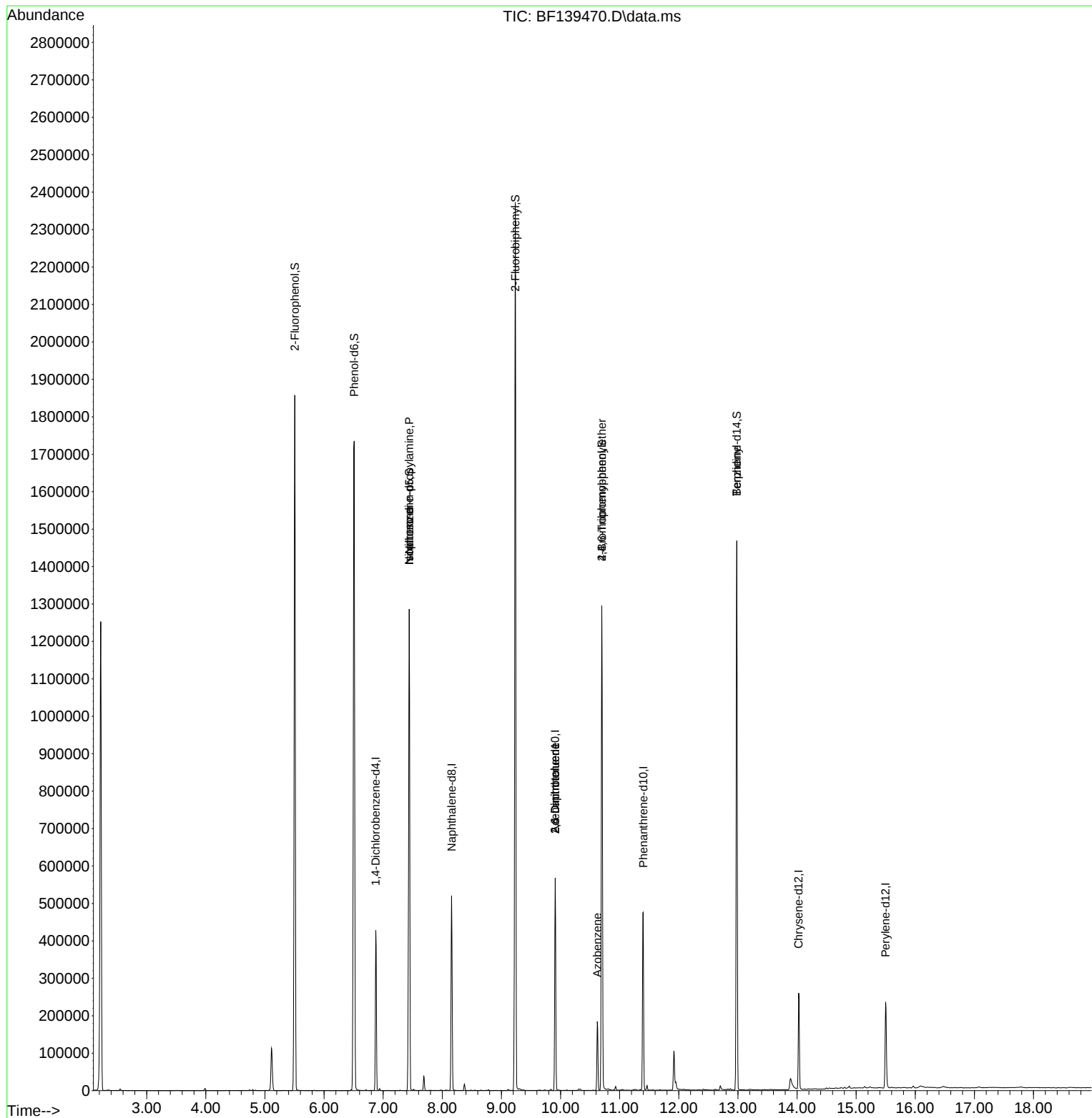
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	82701	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	305074	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	164281	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	257548	20.000	ng	0.00
76) Chrysene-d12	14.027	240	122918	20.000	ng	0.00
86) Perylene-d12	15.498	264	135487	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	636218	125.499	ng	0.01
7) Phenol-d6	6.510	99	844265	126.880	ng	0.00
23) Nitrobenzene-d5	7.440	82	568641	87.627	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	193148	110.435	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1031847	88.092	ng	0.00
79) Terphenyl-d14	12.980	244	684976	91.469	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	79692	20.210	ng	# 74
25) Isophorone	7.440	82	567093	55.256	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	21229	8.887	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	21229	6.583	ng	# 16
63) Azobenzene	10.622	77	47794	4.367	ng	# 4
67) 4-Bromophenyl-phenylether	10.698	248	13629	5.340	ng	# 1
77) Benzidine	12.980	184	10325	5.863	ng	# 94

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

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ALS Vial : 4 Sample Multiplier: 1

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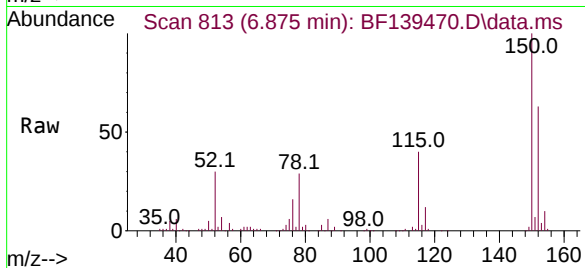
Quant Time: Sep 20 01:36:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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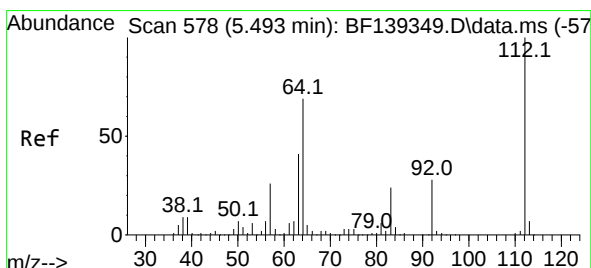
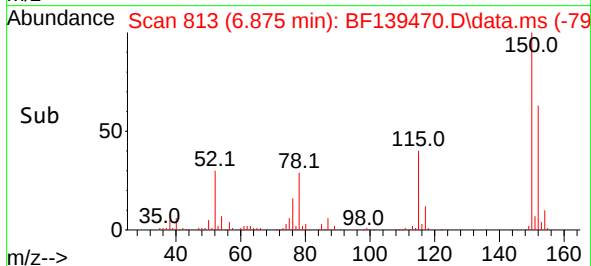
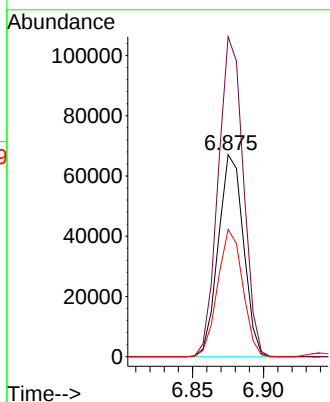


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139470.D
Acq: 19 Sep 2024 18:23

Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17

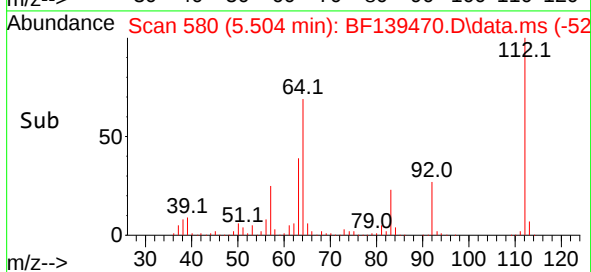
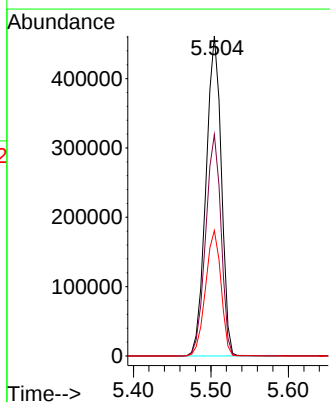
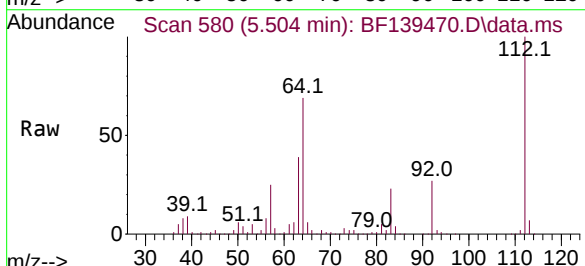


Tgt Ion:152 Resp: 82701
Ion Ratio Lower Upper
152 100
150 158.4 124.1 186.1
115 63.0 48.1 72.1



#5
2-Fluorophenol
Concen: 125.499 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.011 min
Lab File: BF139470.D
Acq: 19 Sep 2024 18:23

Tgt Ion:112 Resp: 636218
Ion Ratio Lower Upper
112 100
64 69.2 54.8 82.2
63 39.2 33.0 49.4

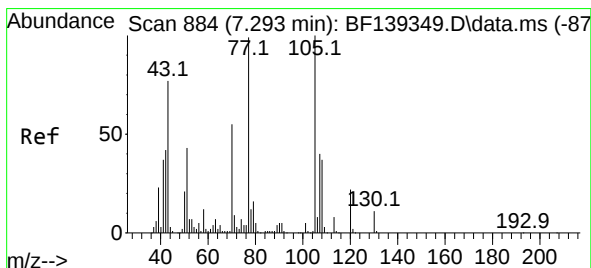
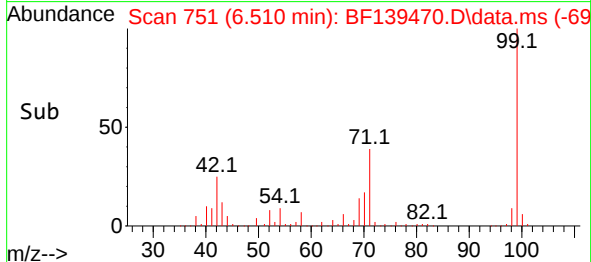
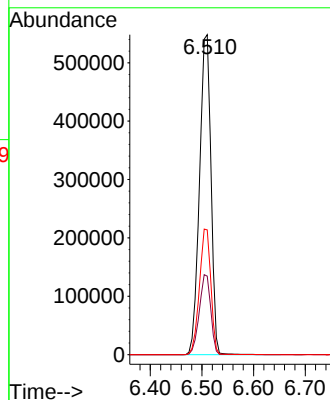
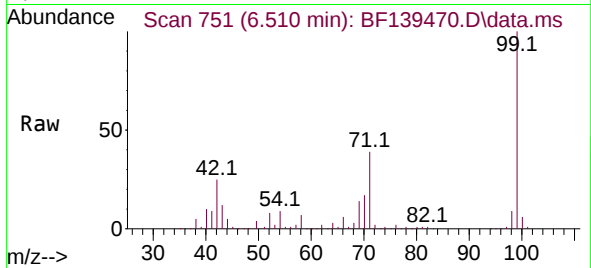




#7
Phenol-d6
Concen: 126.880 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139470.D
Acq: 19 Sep 2024 18:23

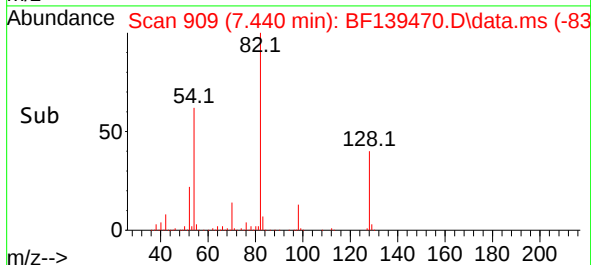
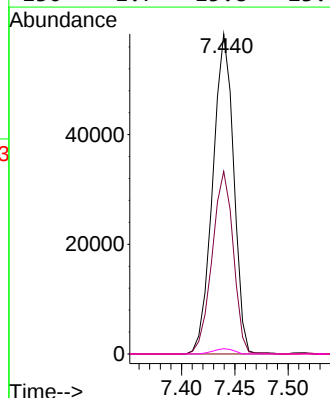
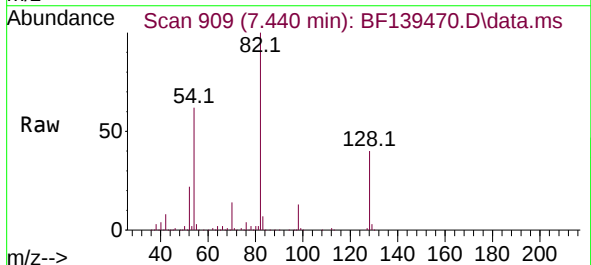
Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17

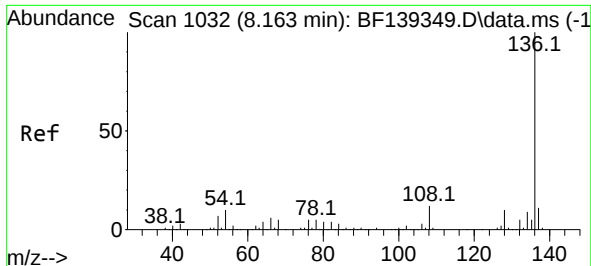
Tgt Ion: 99 Resp: 844265
Ion Ratio Lower Upper
99 100
42 24.5 21.9 32.9
71 39.0 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.210 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139470.D
Acq: 19 Sep 2024 18:23

Tgt Ion: 70 Resp: 79692
Ion Ratio Lower Upper
70 100
42 57.1 61.2 91.8#
101 0.0 7.5 11.3#
130 1.7 15.8 23.8#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF139470.D
Acq: 19 Sep 2024 18:23

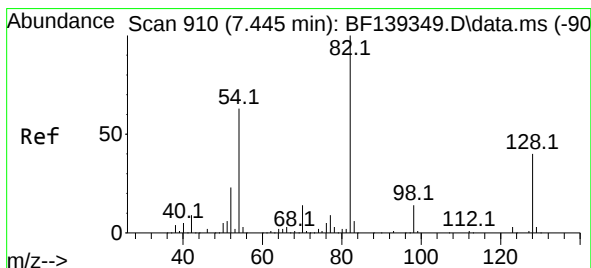
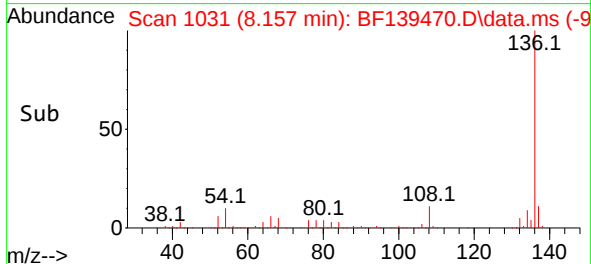
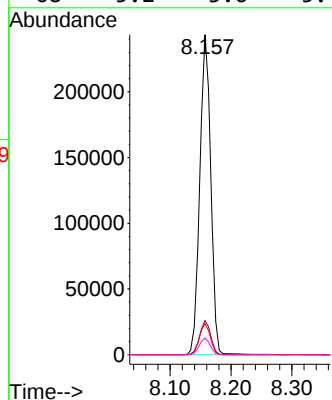
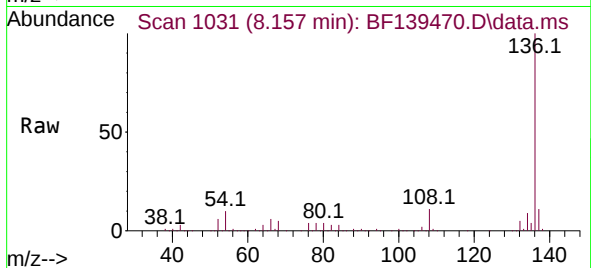
Instrument :

BNA_F

ClientSampleId :

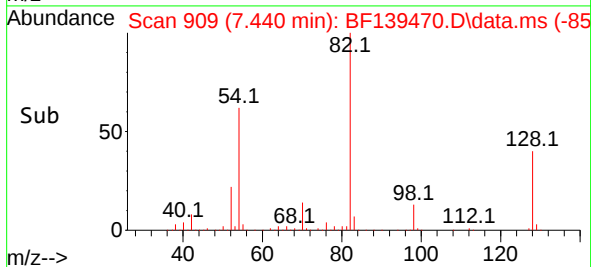
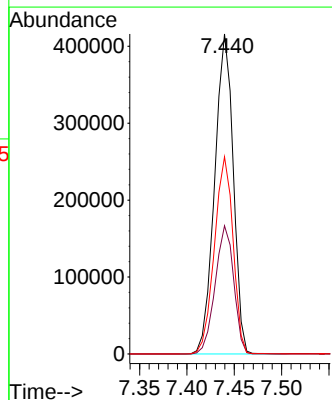
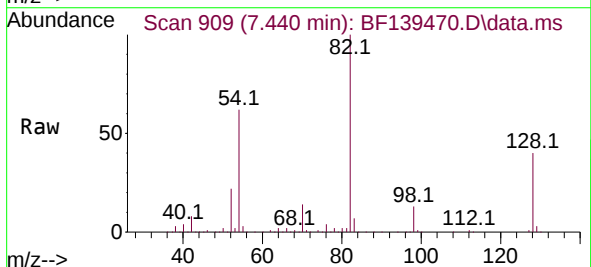
SW-1-TANK17

Tgt Ion:136 Resp: 305074
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 9.7 7.8 11.8
68 5.2 3.6 5.4



#23
Nitrobenzene-d5
Concen: 87.627 ng
RT: 7.440 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139470.D
Acq: 19 Sep 2024 18:23

Tgt Ion: 82 Resp: 568641
Ion Ratio Lower Upper
82 100
128 40.0 31.8 47.6
54 61.6 50.6 75.8

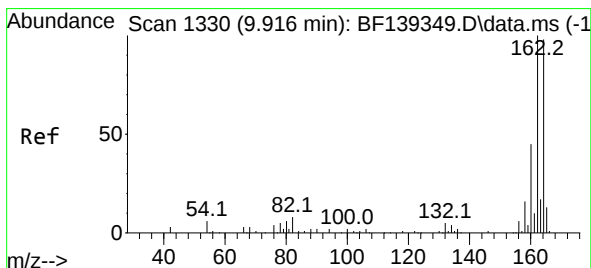
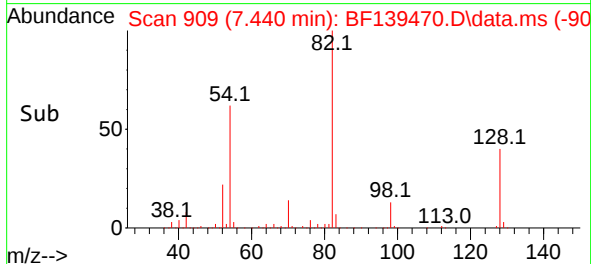
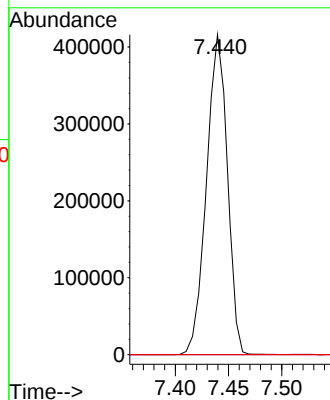
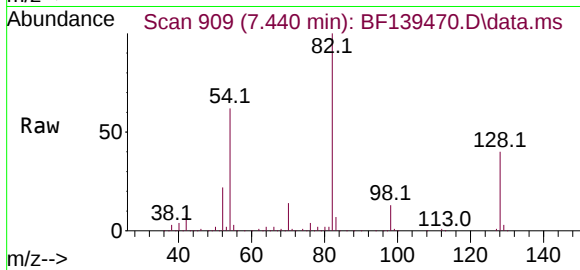




#25
Isophorone
Concen: 55.256 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139470.D
Acq: 19 Sep 2024 18:23

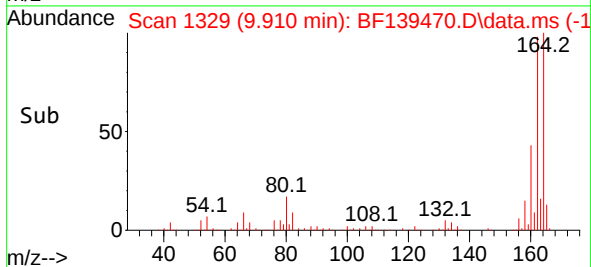
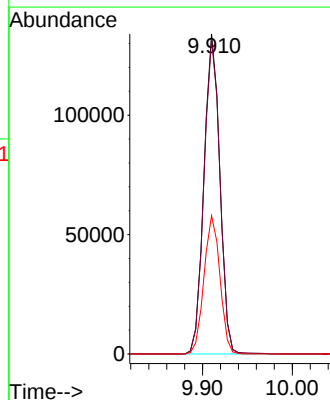
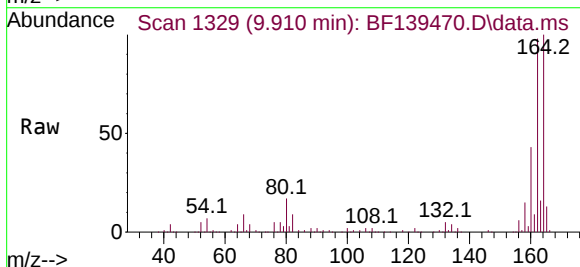
Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17

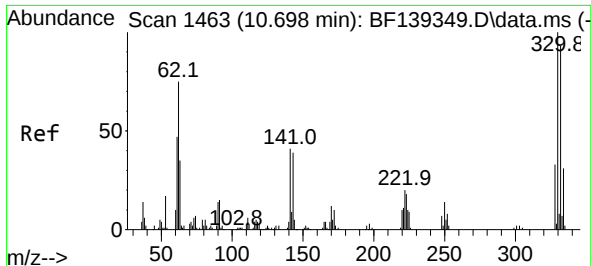
Tgt Ion: 82 Resp: 567093
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139470.D
Acq: 19 Sep 2024 18:23

Tgt Ion:164 Resp: 164281
Ion Ratio Lower Upper
164 100
162 98.4 81.3 121.9
160 43.2 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 110.435 ng

RT: 10.698 min Scan# 1463

Delta R.T. 0.000 min

Lab File: BF139470.D

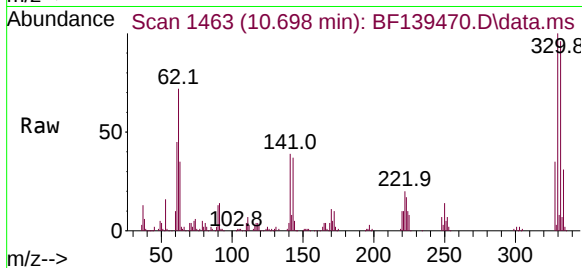
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Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17



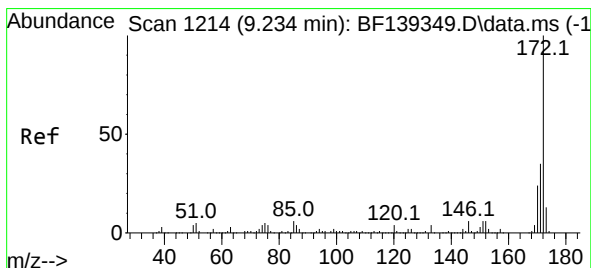
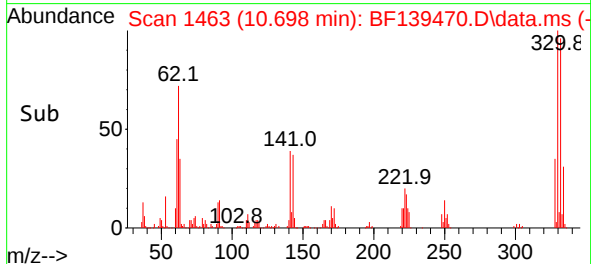
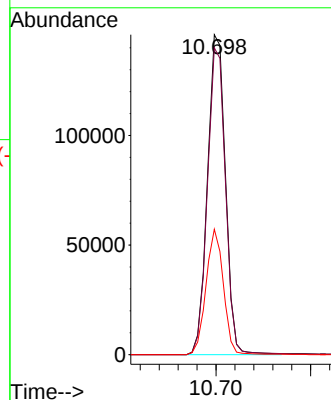
Tgt Ion:330 Resp: 193148

Ion Ratio Lower Upper

330 100

332 96.1 75.2 112.8

141 38.0 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 88.092 ng

RT: 9.234 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF139470.D

Acq: 19 Sep 2024 18:23

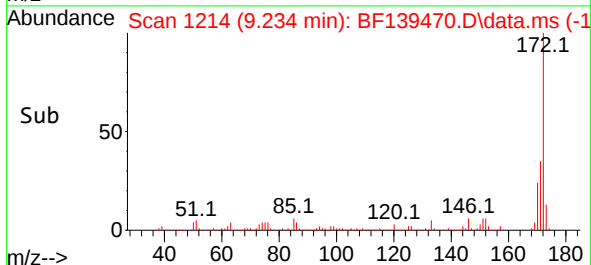
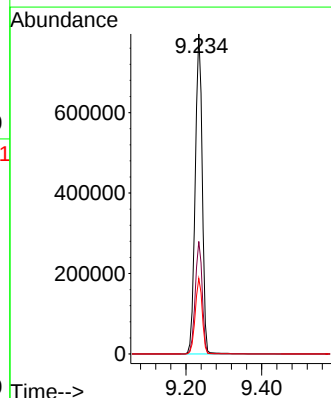
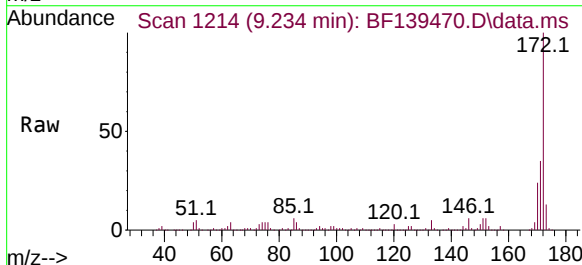
Tgt Ion:172 Resp: 1031847

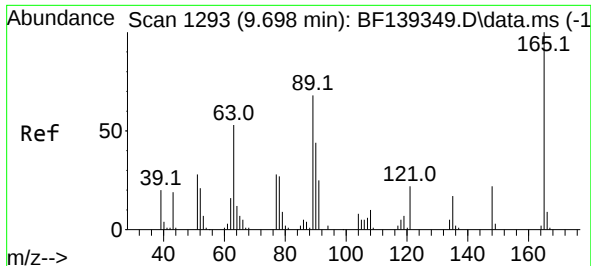
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.6 19.0 28.6

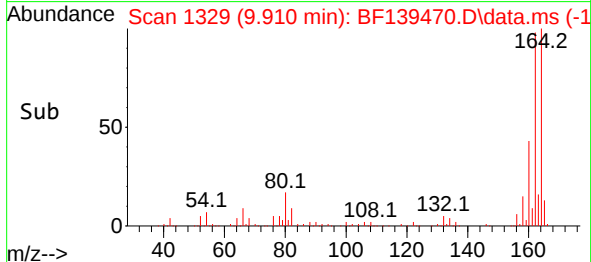
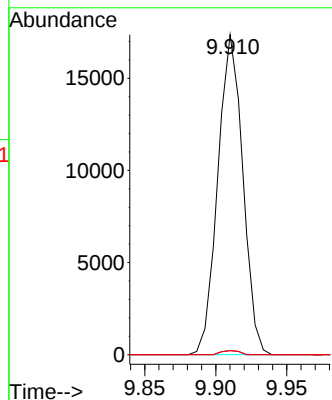
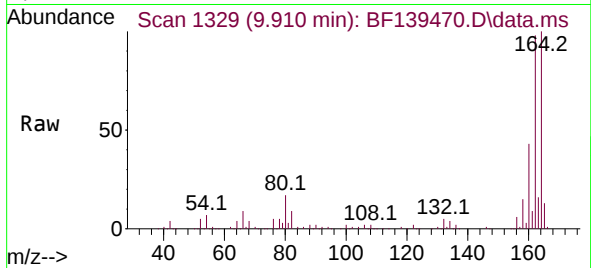




#51
2,6-Dinitrotoluene
Concen: 8.887 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139470.D
Acq: 19 Sep 2024 18:23

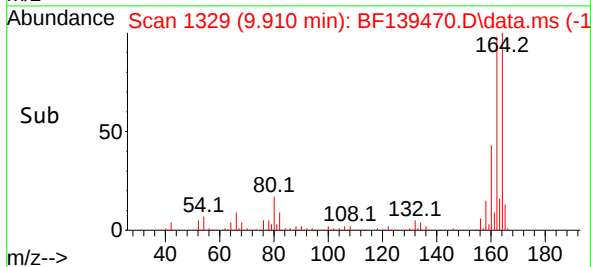
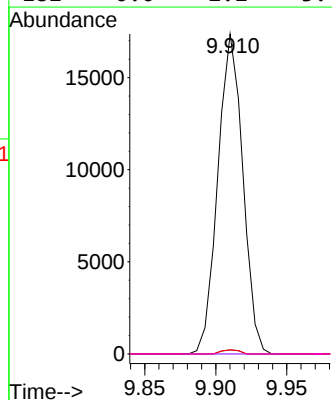
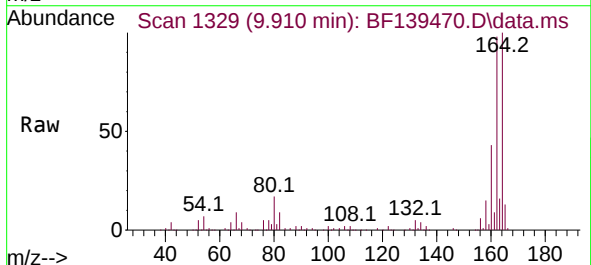
Instrument :
BNA_F
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SW-1-TANK17

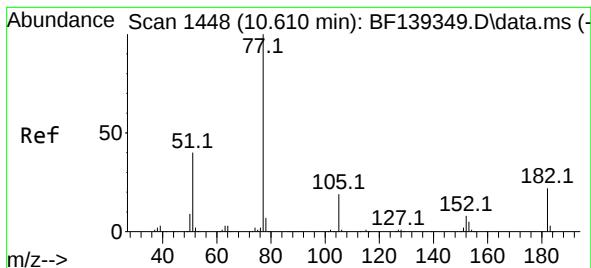
Tgt Ion:165 Resp: 21229
Ion Ratio Lower Upper
165 100
63 1.2 60.9 91.3#
89 1.3 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.583 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139470.D
Acq: 19 Sep 2024 18:23

Tgt Ion:165 Resp: 21229
Ion Ratio Lower Upper
165 100
63 1.2 47.8 71.6#
89 1.3 66.7 100.1#
182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 4.367 ng

RT: 10.622 min Scan# 1448

Delta R.T. 0.012 min

Lab File: BF139470.D

Acq: 19 Sep 2024 18:23

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17

Tgt Ion: 77 Resp: 47794

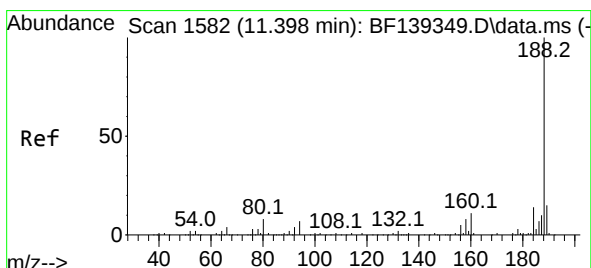
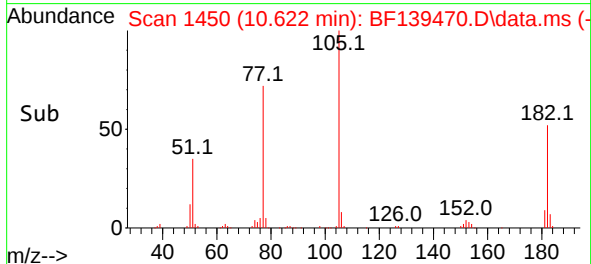
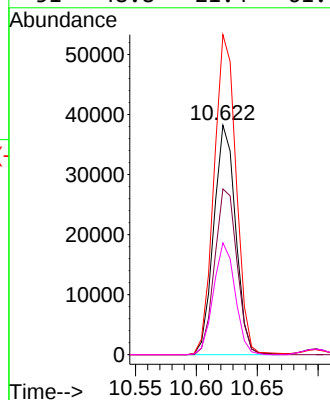
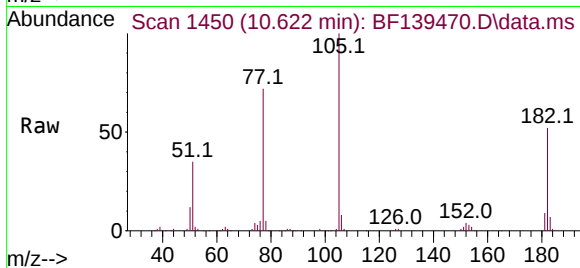
Ion Ratio Lower Upper

77 100

182 72.2 1.8 41.8#

105 139.5 0.0 38.6#

51 48.8 21.4 61.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. 0.000 min

Lab File: BF139470.D

Acq: 19 Sep 2024 18:23

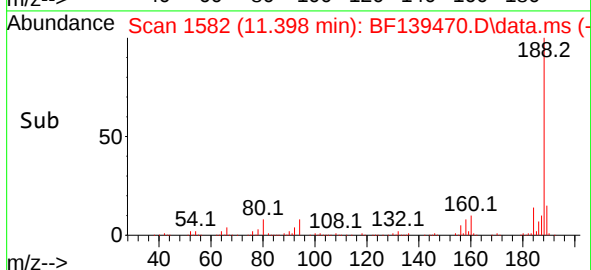
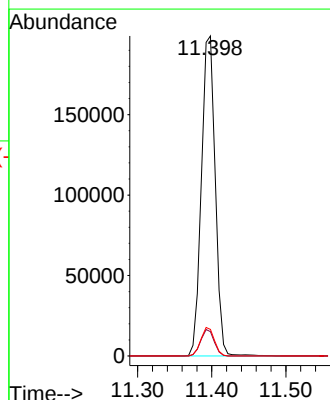
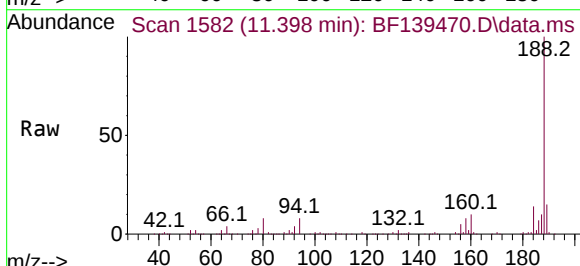
Tgt Ion: 188 Resp: 257548

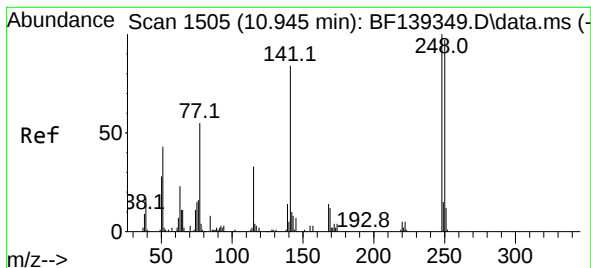
Ion Ratio Lower Upper

188 100

94 7.6 5.5 8.3

80 8.3 6.6 9.8

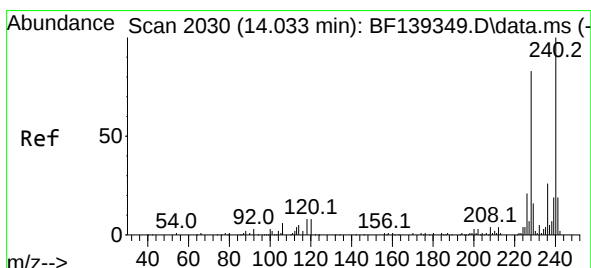
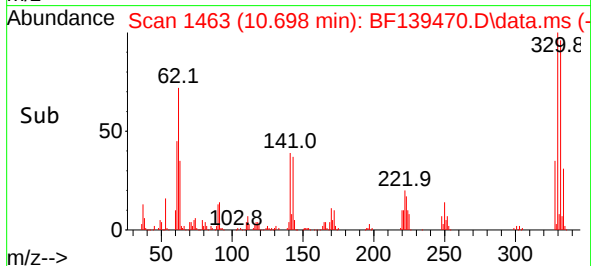
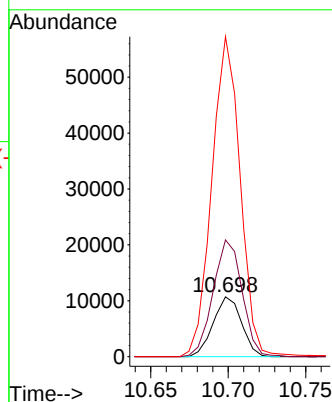
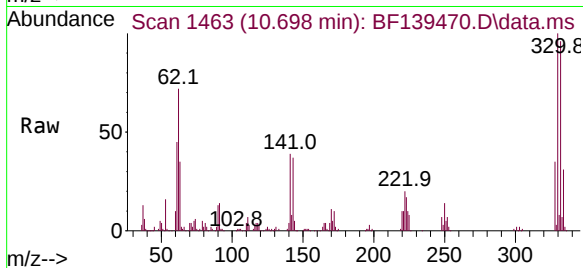




#67
4-Bromophenyl-phenylether
Concen: 5.340 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF139470.D
Acq: 19 Sep 2024 18:23

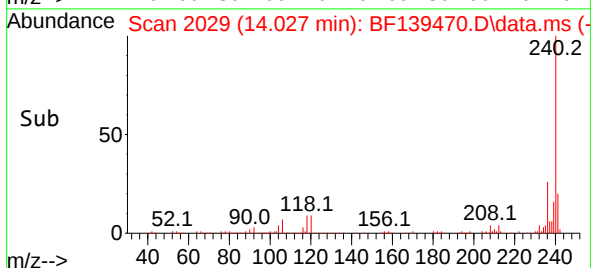
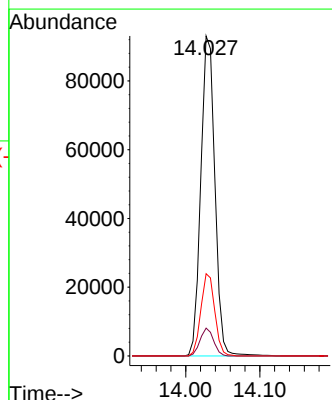
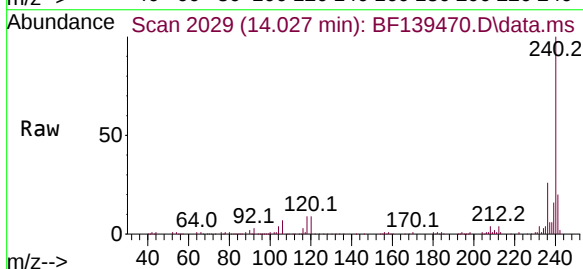
Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17

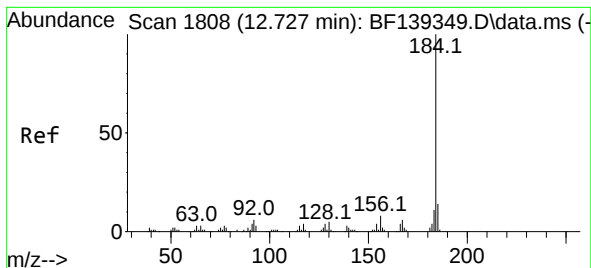
Tgt Ion:248 Resp: 13629
Ion Ratio Lower Upper
248 100
250 195.1 77.6 116.4#
141 534.4 66.9 100.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139470.D
Acq: 19 Sep 2024 18:23

Tgt Ion:240 Resp: 122918
Ion Ratio Lower Upper
240 100
120 8.7 6.2 9.2
236 25.7 20.9 31.3





#77

Benzidine

Concen: 5.863 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF139470.D

Acq: 19 Sep 2024 18:23

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17

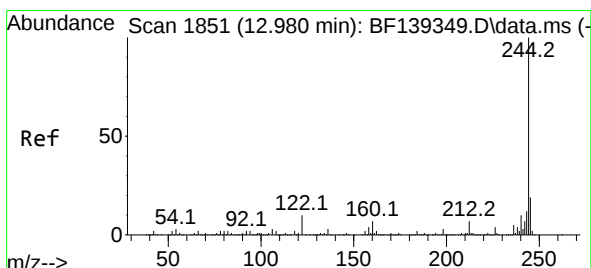
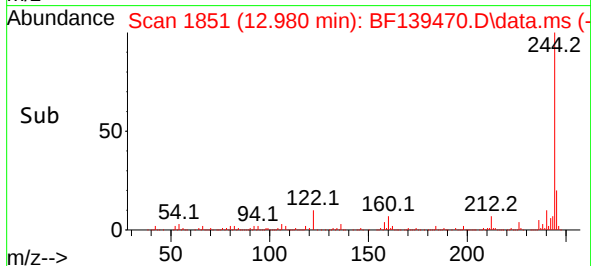
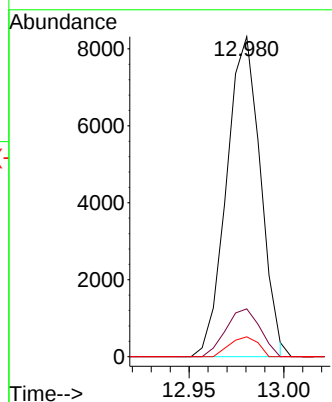
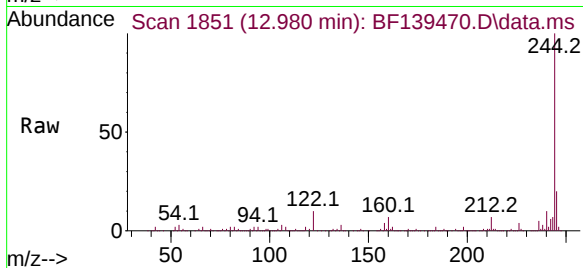
Tgt Ion:184 Resp: 10325

Ion Ratio Lower Upper

184 100

185 15.0 11.5 17.3

183 6.2 8.9 13.3#



#79

Terphenyl-d14

Concen: 91.469 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139470.D

Acq: 19 Sep 2024 18:23

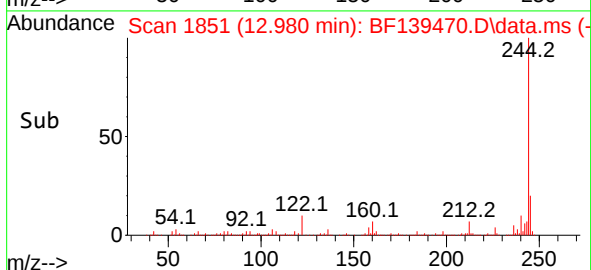
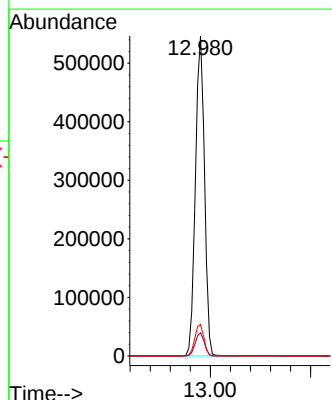
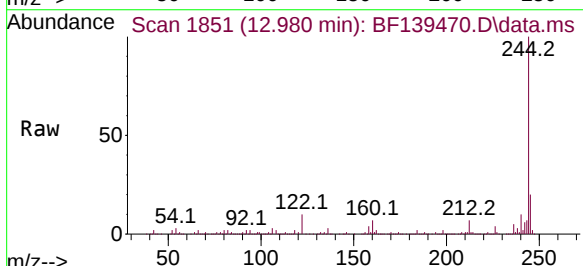
Tgt Ion:244 Resp: 684976

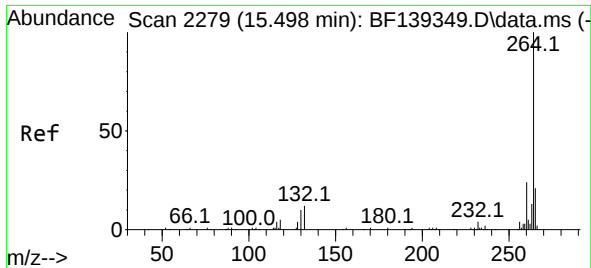
Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 9.8 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139470.D
 Acq: 19 Sep 2024 18:23

Instrument :
 BNA_F
 ClientSampleId :
 SW-1-TANK17

Tgt Ion:264 Resp: 135487
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.8 16.6 25.0

