

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
 Data File : BF139435.D
 Acq On : 18 Sep 2024 19:47
 Operator : RC/JU
 Sample : P4015-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHA-1-TANK17

Quant Time: Sep 19 01:29:06 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)

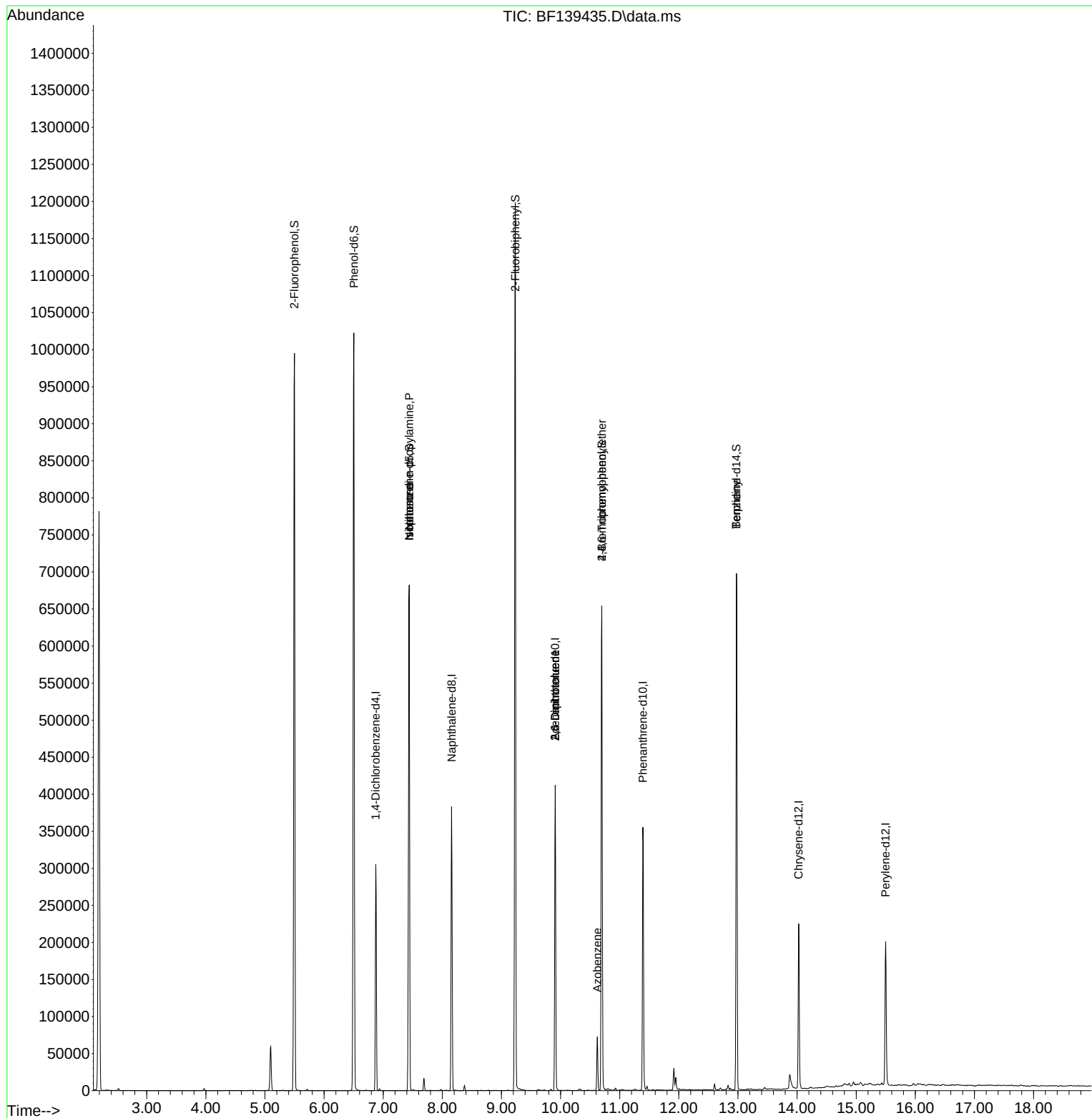
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	57617	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	219244	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	115847	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	188288	20.000	ng	0.00
76) Chrysene-d12	14.027	240	103467	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	114840	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	328412	92.985	ng	0.00
7) Phenol-d6	6.504	99	430852	92.940	ng	0.00
23) Nitrobenzene-d5	7.439	82	288101	61.776	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	95231	77.214	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	505708	61.224	ng	0.00
79) Terphenyl-d14	12.974	244	332447	52.739	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	40617	14.785	ng	# 76
25) Isophorone	7.439	82	288099	39.061	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	14999	8.905	ng	# 13
57) 2,4-Dinitrotoluene	9.910	165	14999	6.596	ng	# 15
63) Azobenzene	10.622	77	18860	2.444	ng	# 2
67) 4-Bromophenyl-phenylether	10.698	248	7297	3.911	ng	# 1
77) Benzidine	12.974	184	4930	3.326	ng	# 94

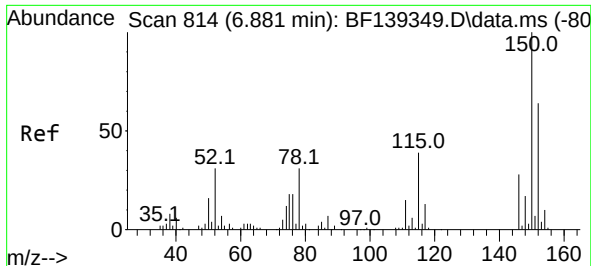
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
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CHA-1-TANK17

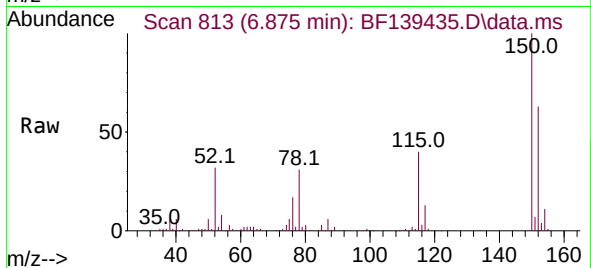
Quant Time: Sep 19 01:29:06 2024
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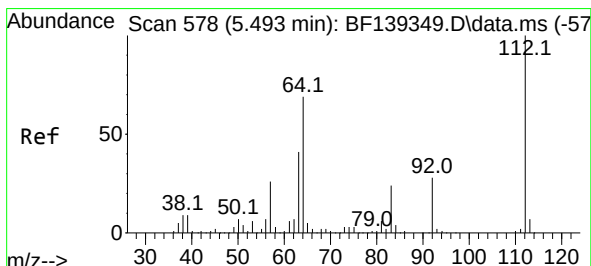
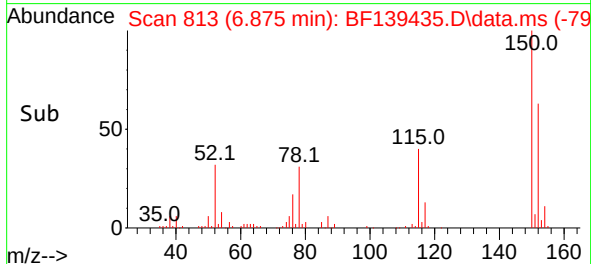
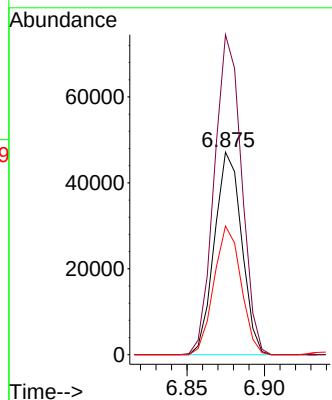


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139435.D
Acq: 18 Sep 2024 19:47

Instrument :
BNA_F
ClientSampleId :
CHA-1-TANK17

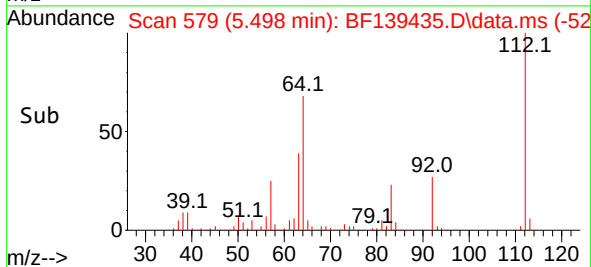
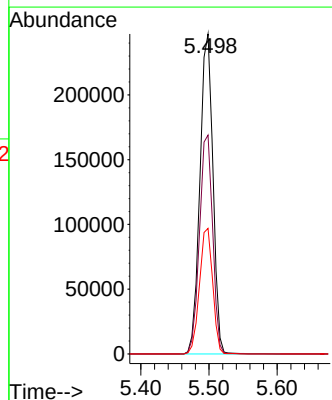
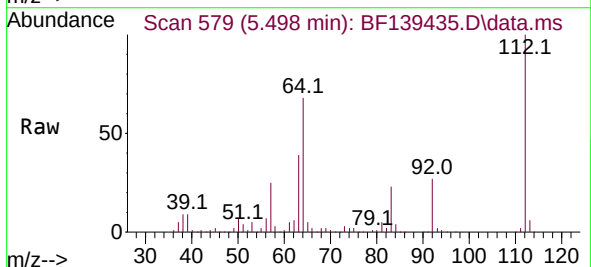


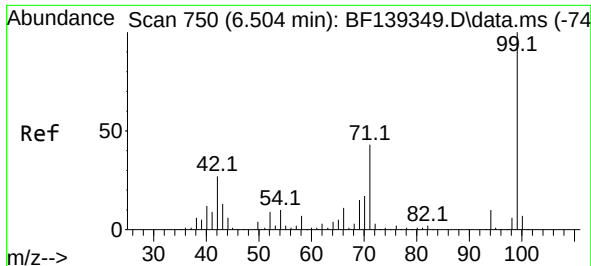
Tgt Ion:152 Resp: 57617
Ion Ratio Lower Upper
152 100
150 157.9 124.1 186.1
115 63.5 48.1 72.1



#5
2-Fluorophenol
Concen: 92.985 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.005 min
Lab File: BF139435.D
Acq: 18 Sep 2024 19:47

Tgt Ion:112 Resp: 328412
Ion Ratio Lower Upper
112 100
64 68.4 54.8 82.2
63 39.3 33.0 49.4

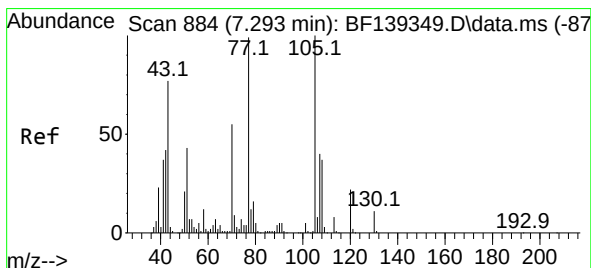
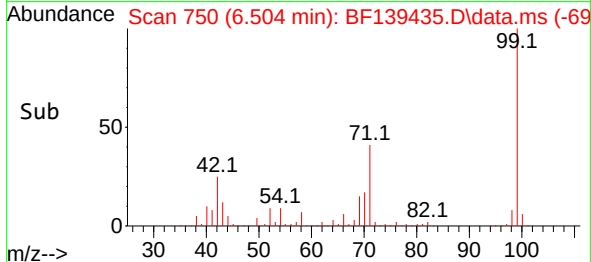
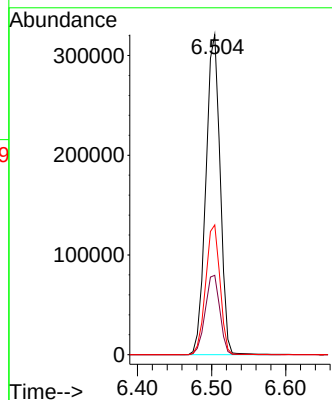
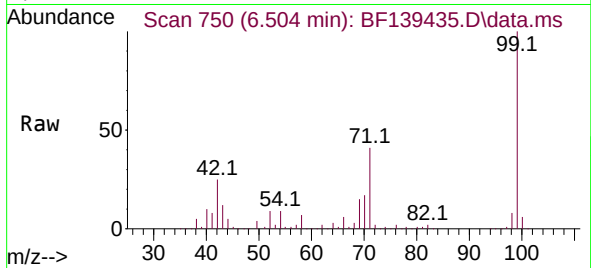




#7
Phenol-d6
Concen: 92.940 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139435.D
Acq: 18 Sep 2024 19:47

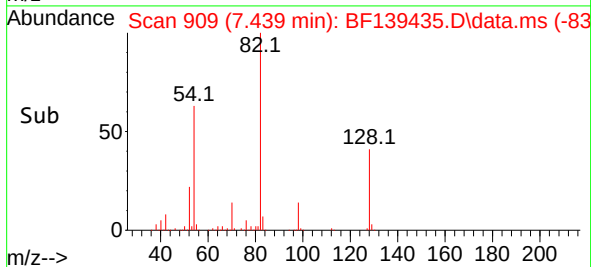
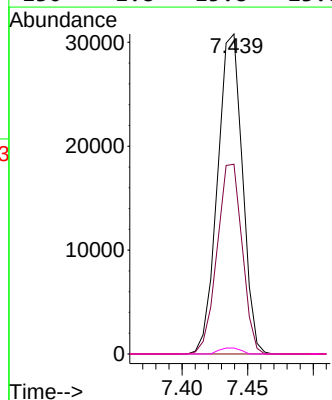
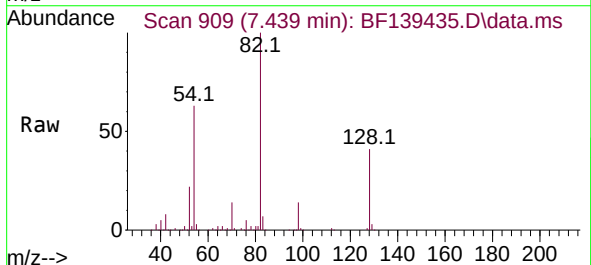
Instrument :
BNA_F
ClientSampleId :
CHA-1-TANK17

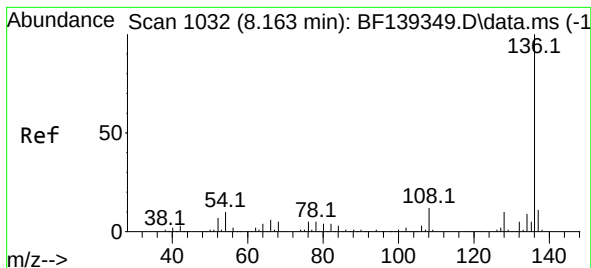
Tgt Ion: 99 Resp: 430852
Ion Ratio Lower Upper
99 100
42 24.8 21.9 32.9
71 40.6 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.785 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139435.D
Acq: 18 Sep 2024 19:47

Tgt Ion: 70 Resp: 40617
Ion Ratio Lower Upper
70 100
42 59.3 61.2 91.8#
101 0.0 7.5 11.3#
130 1.8 15.8 23.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF139435.D

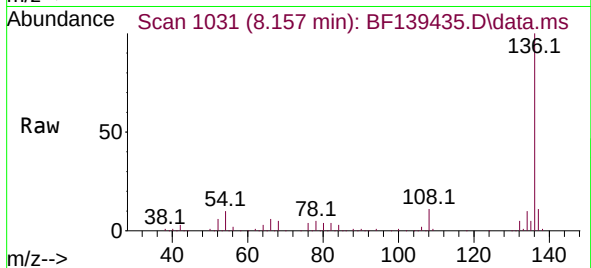
Acq: 18 Sep 2024 19:47

Instrument :

BNA_F

ClientSampleId :

CHA-1-TANK17



Tgt Ion:136 Resp: 219244

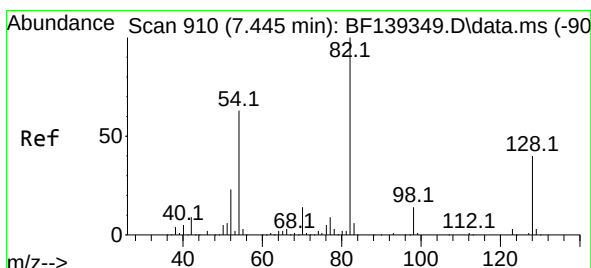
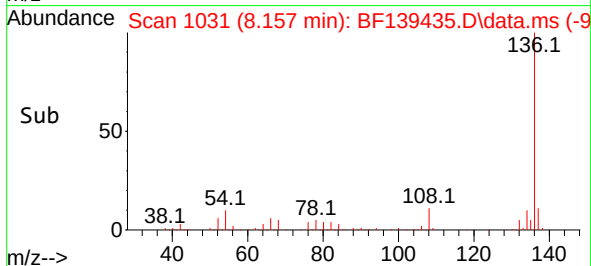
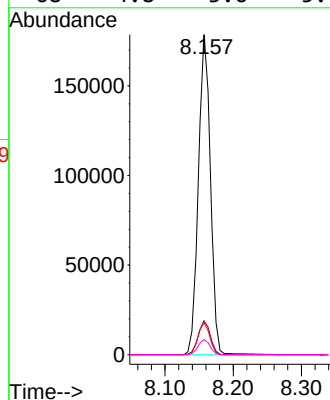
Ion Ratio Lower Upper

136 100

137 10.6 8.6 12.8

54 10.0 7.8 11.8

68 4.8 3.6 5.4



#23

Nitrobenzene-d5

Concen: 61.776 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF139435.D

Acq: 18 Sep 2024 19:47

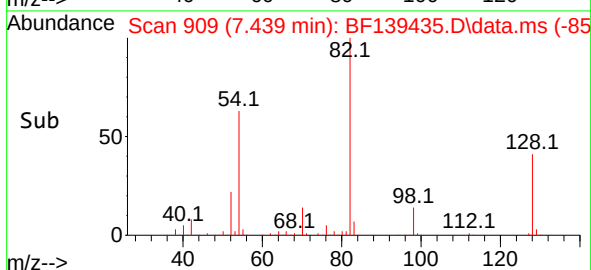
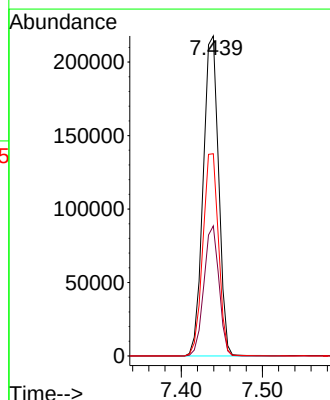
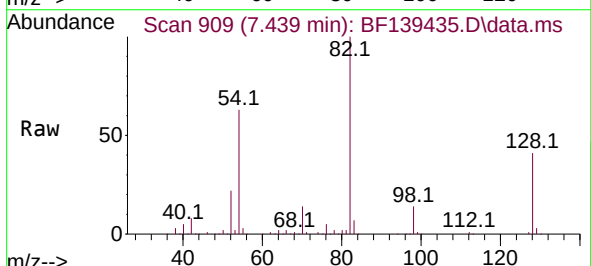
Tgt Ion: 82 Resp: 288101

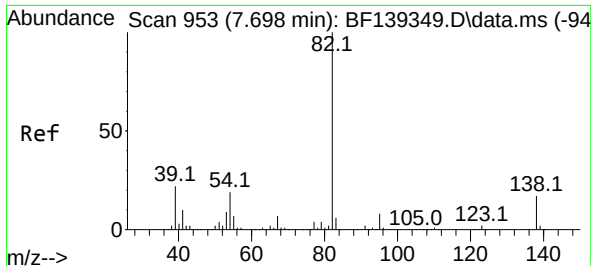
Ion Ratio Lower Upper

82 100

128 40.6 31.8 47.6

54 63.2 50.6 75.8

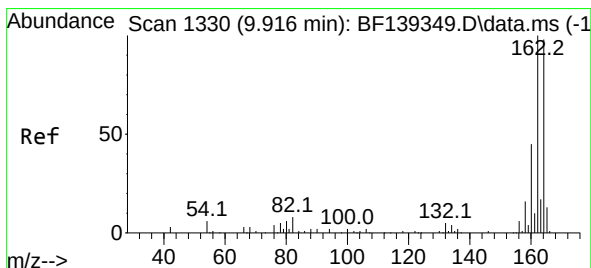
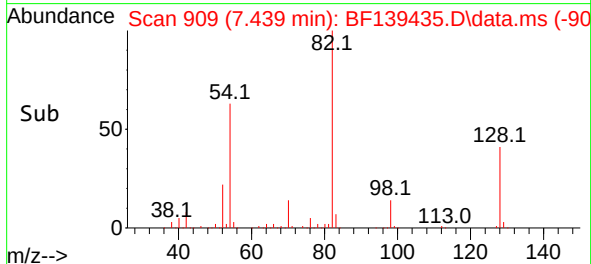
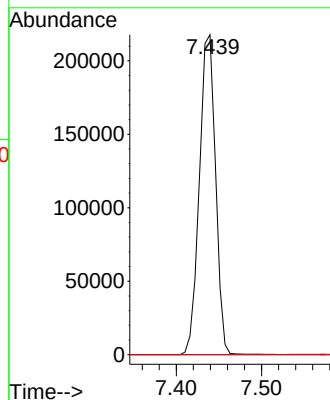
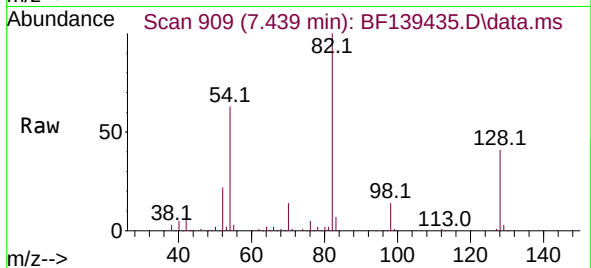




#25
Isophorone
Concen: 39.061 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139435.D
Acq: 18 Sep 2024 19:47

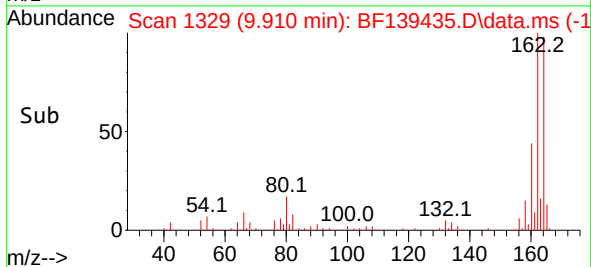
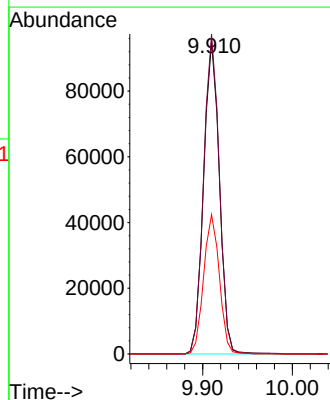
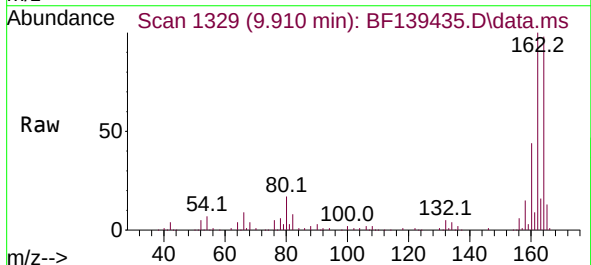
Instrument :
BNA_F
ClientSampleId :
CHA-1-TANK17

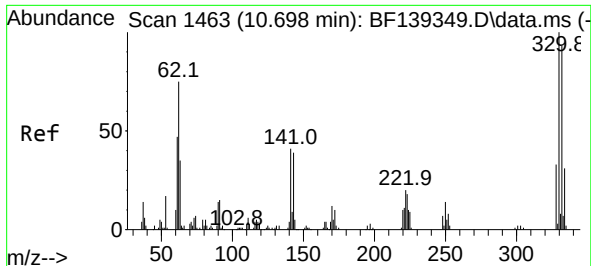
Tgt Ion: 82 Resp: 288099
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139435.D
Acq: 18 Sep 2024 19:47

Tgt Ion:164 Resp: 115847
Ion Ratio Lower Upper
164 100
162 102.4 81.3 121.9
160 44.6 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 77.214 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139435.D

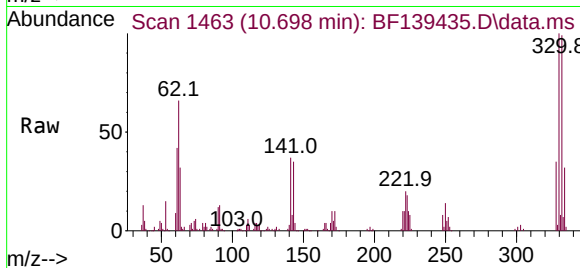
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Instrument :

BNA_F

ClientSampleId :

CHA-1-TANK17



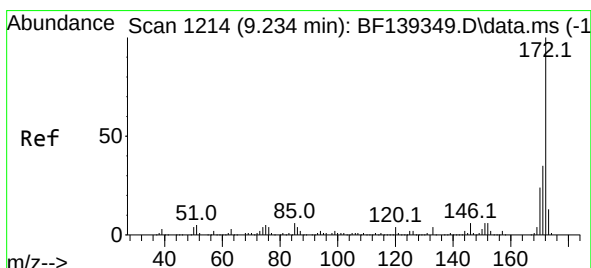
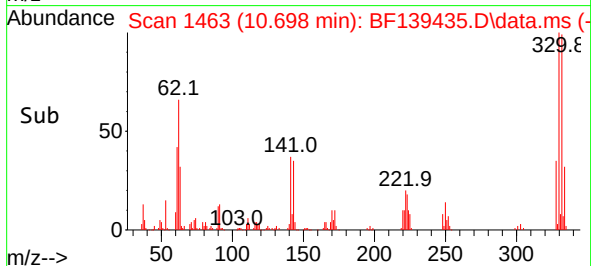
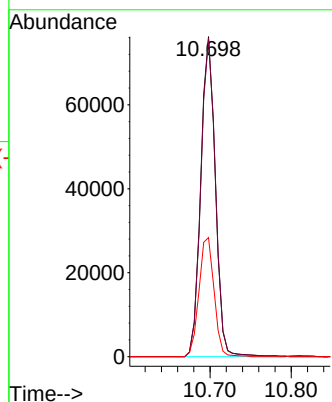
Tgt Ion:330 Resp: 95231

Ion Ratio Lower Upper

330 100

332 99.7 75.2 112.8

141 38.7 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 61.224 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139435.D

Acq: 18 Sep 2024 19:47

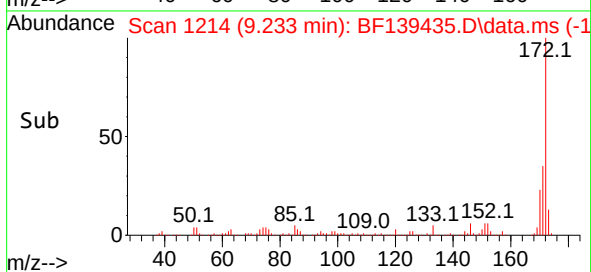
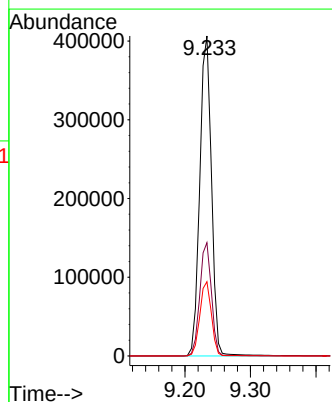
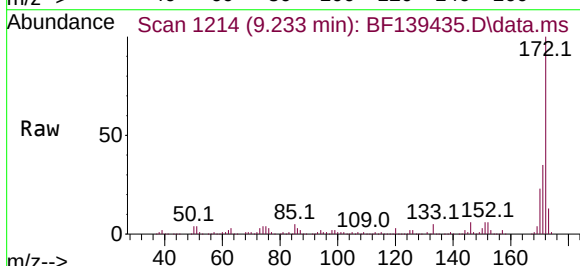
Tgt Ion:172 Resp: 505708

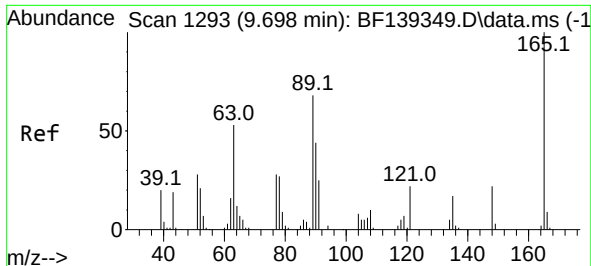
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.2 19.0 28.6

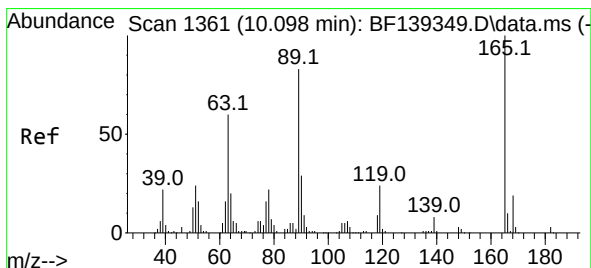
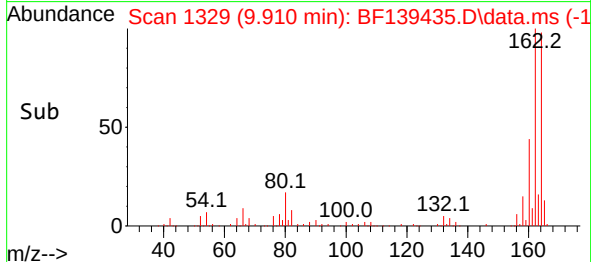
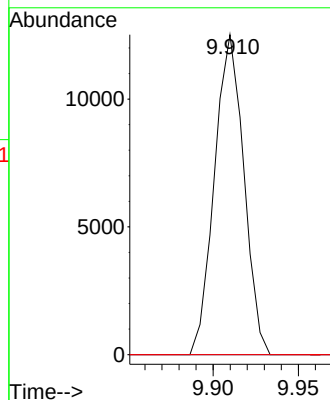
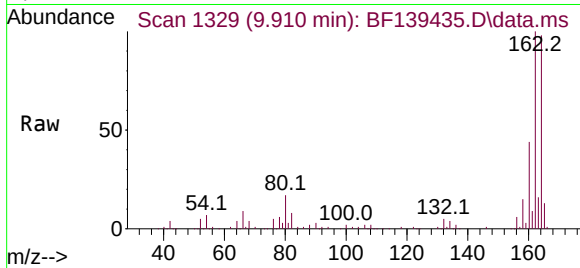




#51
2,6-Dinitrotoluene
Concen: 8.905 ng
RT: 9.910 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF139435.D
Acq: 18 Sep 2024 19:47

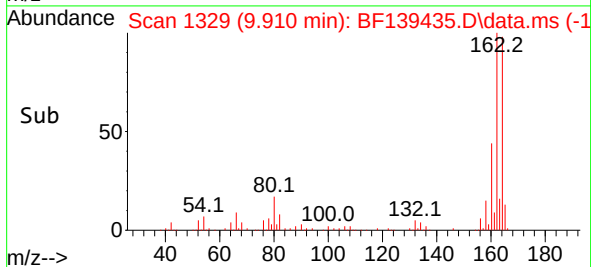
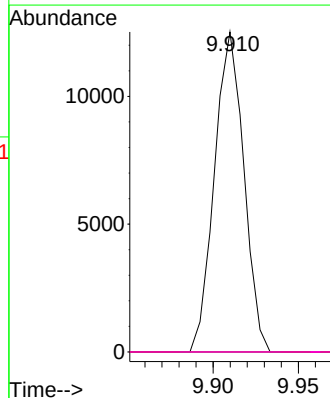
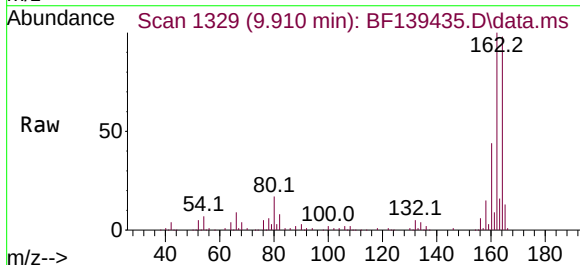
Instrument :
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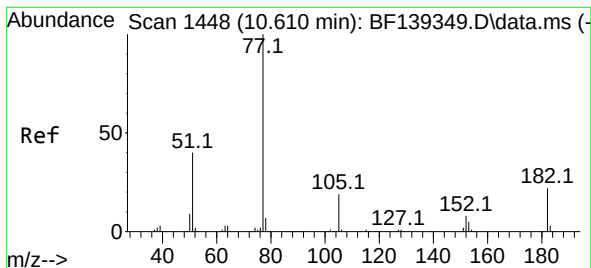
Tgt Ion:165 Resp: 14999
Ion Ratio Lower Upper
165 100
63 0.0 60.9 91.3#
89 0.0 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.596 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139435.D
Acq: 18 Sep 2024 19:47

Tgt Ion:165 Resp: 14999
Ion Ratio Lower Upper
165 100
63 0.0 47.8 71.6#
89 0.0 66.7 100.1#
182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 2.444 ng

RT: 10.622 min Scan# 1448

Delta R.T. 0.012 min

Lab File: BF139435.D

Acq: 18 Sep 2024 19:47

Instrument :

BNA_F

ClientSampleId :

CHA-1-TANK17

Tgt Ion: 77 Resp: 18860

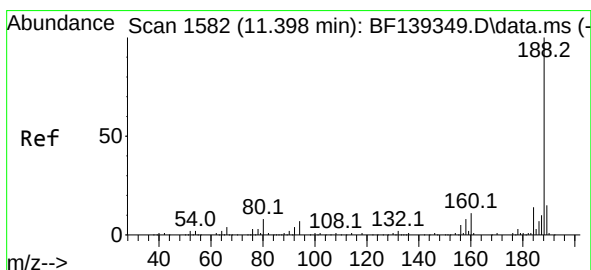
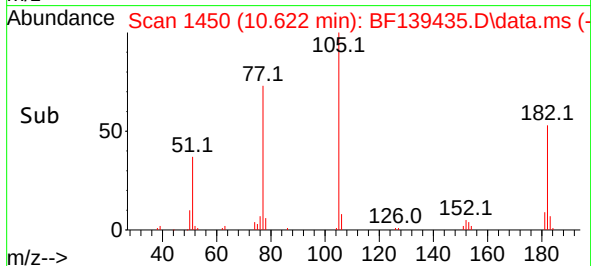
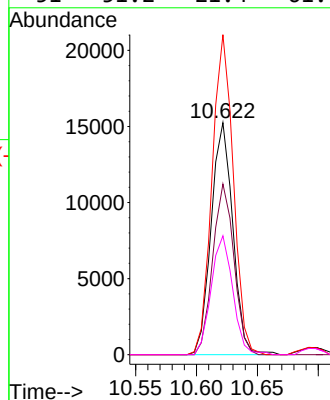
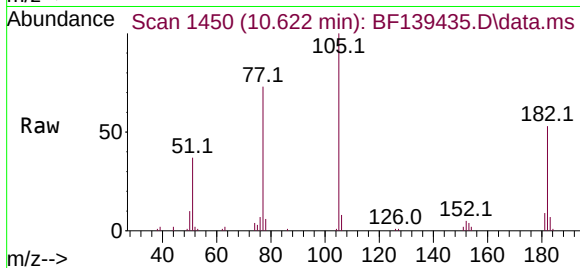
Ion Ratio Lower Upper

77 100

182 73.6 1.8 41.8#

105 137.9 0.0 38.6#

51 51.2 21.4 61.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF139435.D

Acq: 18 Sep 2024 19:47

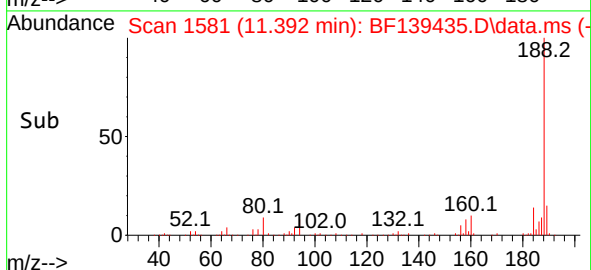
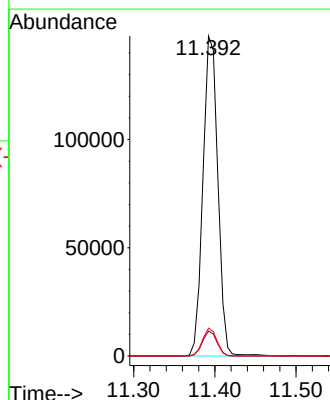
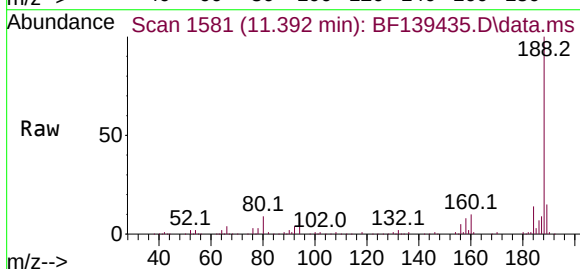
Tgt Ion: 188 Resp: 188288

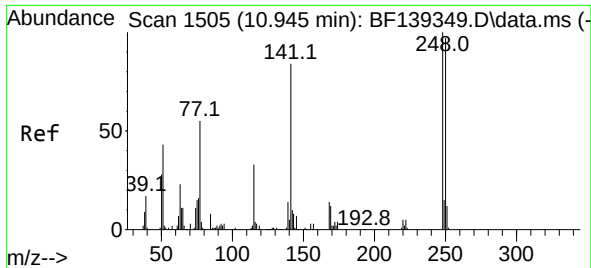
Ion Ratio Lower Upper

188 100

94 7.8 5.5 8.3

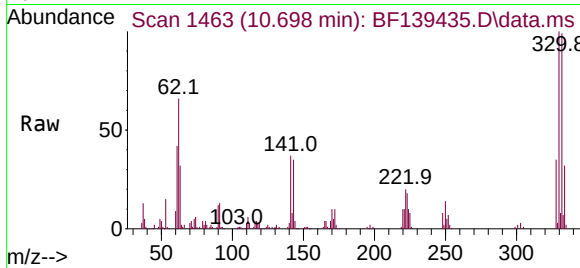
80 8.7 6.6 9.8



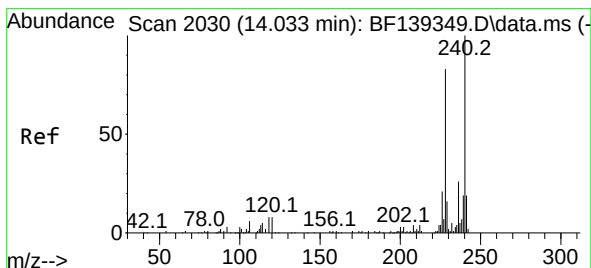
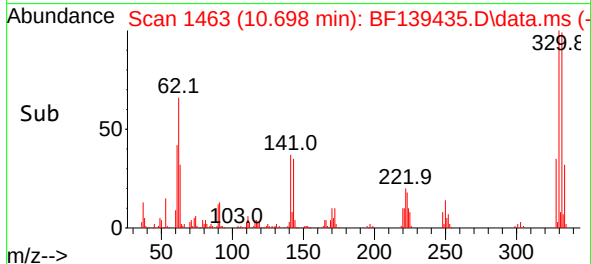
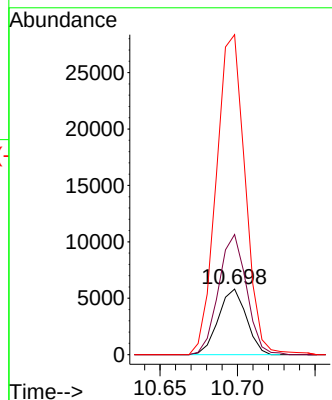


#67
4-Bromophenyl-phenylether
Concen: 3.911 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF139435.D
Acq: 18 Sep 2024 19:47

Instrument :
BNA_F
ClientSampleId :
CHA-1-TANK17

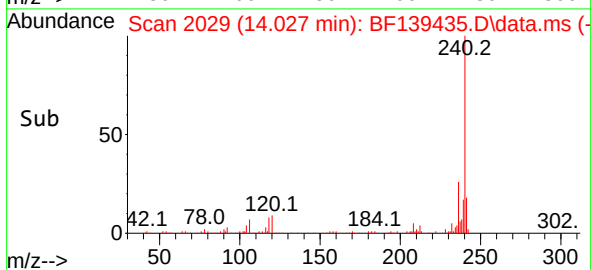
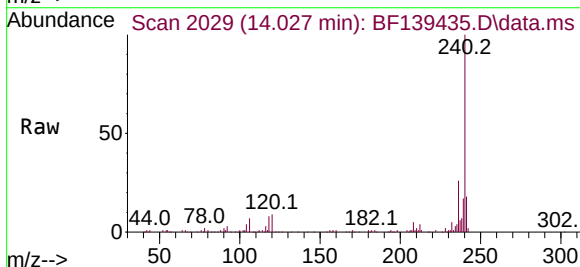
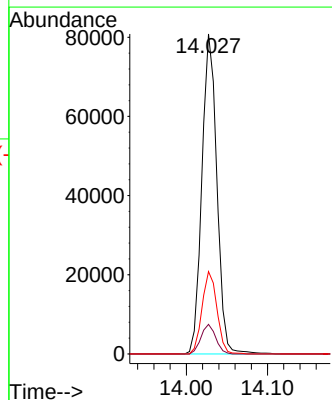


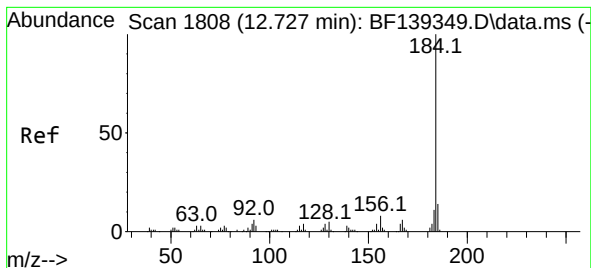
Tgt Ion:248 Resp: 7297
Ion Ratio Lower Upper
248 100
250 183.0 77.6 116.4#
141 487.6 66.9 100.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139435.D
Acq: 18 Sep 2024 19:47

Tgt Ion:240 Resp: 103467
Ion Ratio Lower Upper
240 100
120 9.2 6.2 9.2#
236 25.8 20.9 31.3





#77

Benzidine

Concen: 3.326 ng

RT: 12.974 min Scan# 1850

Delta R.T. 0.247 min

Lab File: BF139435.D

Acq: 18 Sep 2024 19:47

Instrument :

BNA_F

ClientSampleId :

CHA-1-TANK17

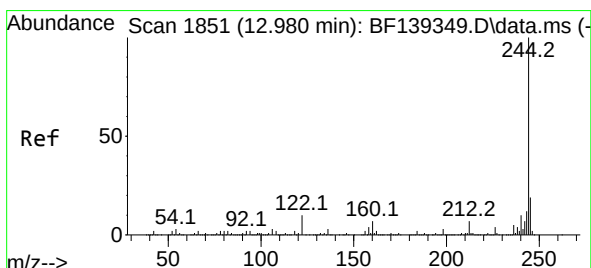
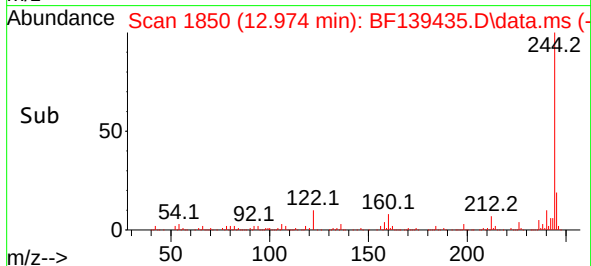
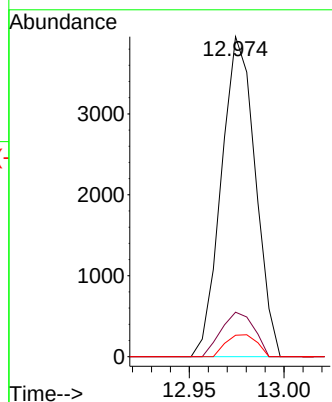
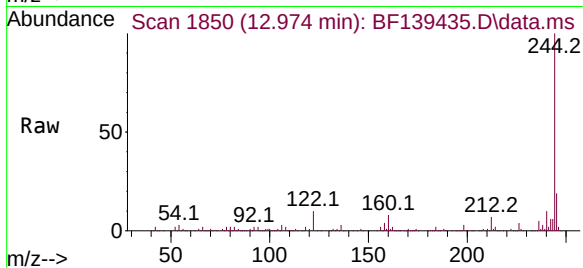
Tgt Ion:184 Resp: 4930

Ion Ratio Lower Upper

184 100

185 13.9 11.5 17.3

183 6.7 8.9 13.3#



#79

Terphenyl-d14

Concen: 52.739 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF139435.D

Acq: 18 Sep 2024 19:47

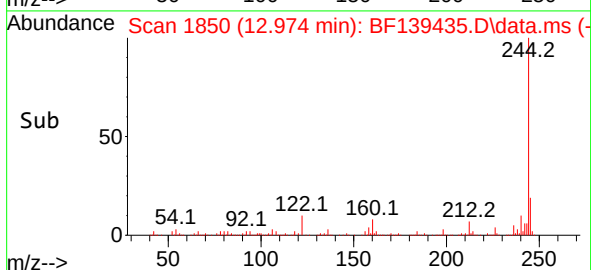
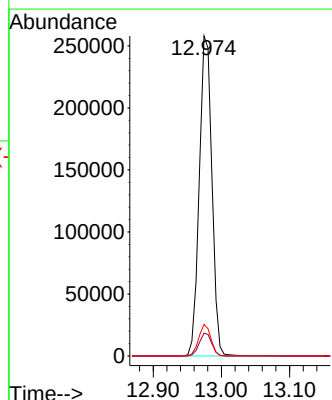
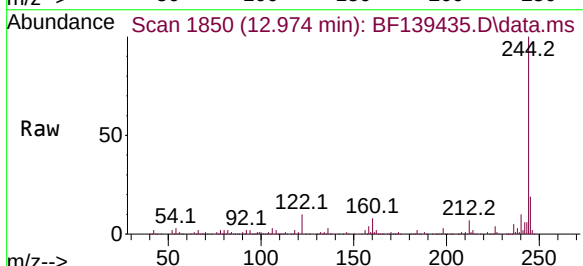
Tgt Ion:244 Resp: 332447

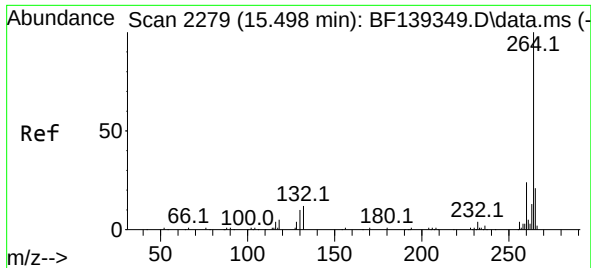
Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

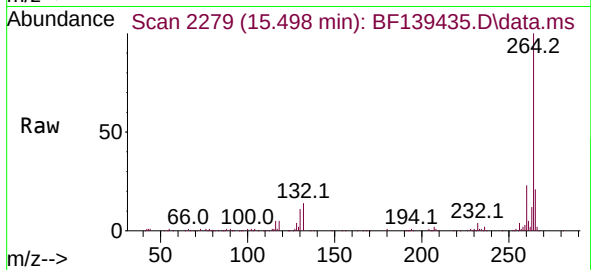
122 9.9 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF139435.D
 Acq: 18 Sep 2024 19:47

Instrument :
 BNA_F
 ClientSampleId :
 CHA-1-TANK17



Tgt Ion:264 Resp: 114840
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.0 16.6 25.0

