

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
 Data File : BF139425.D
 Acq On : 18 Sep 2024 14:17
 Operator : RC/JU
 Sample : P4015-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-1-TANK17

Quant Time: Sep 18 14:47:57 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)

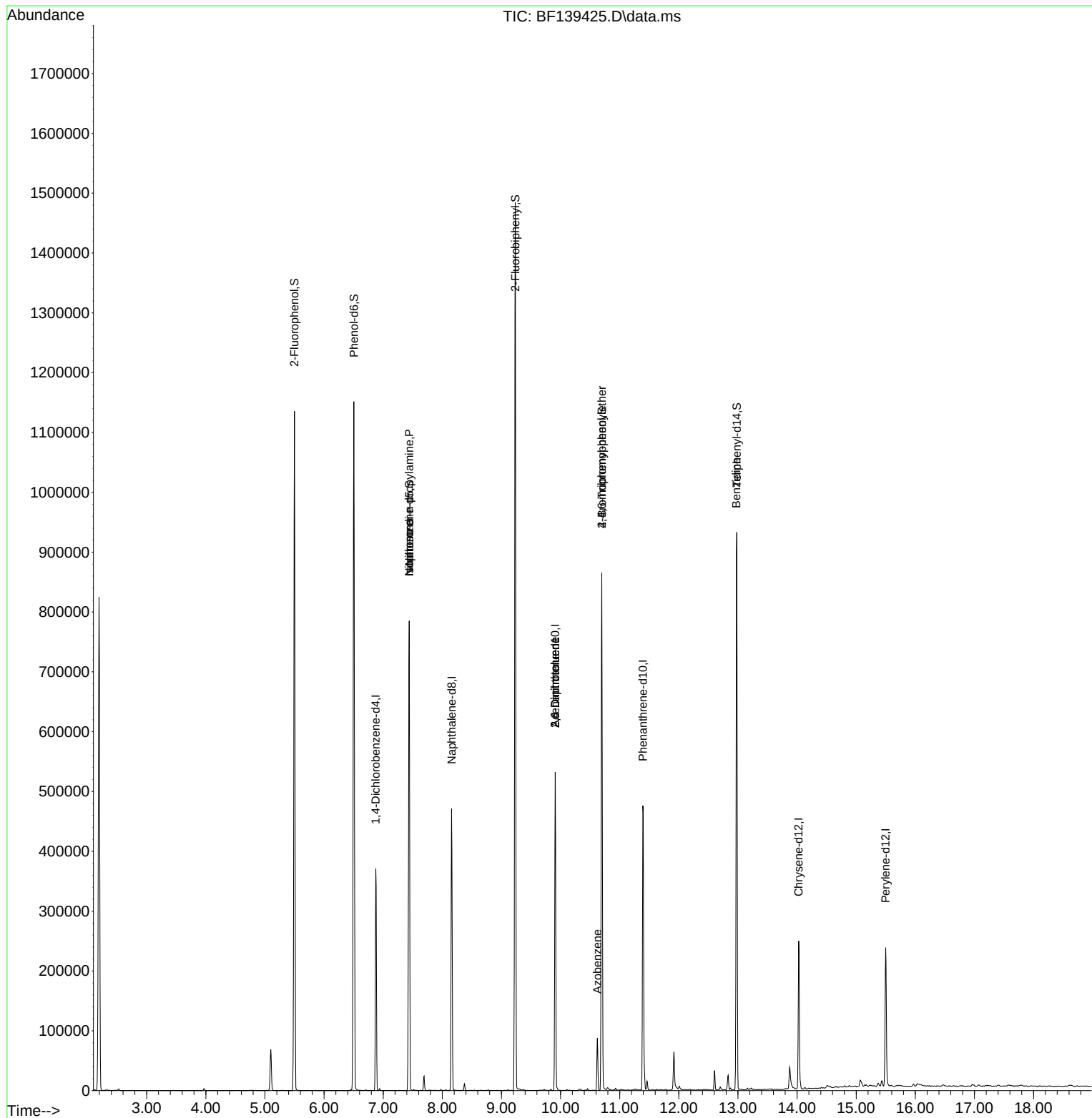
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	71434	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	266526	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	150576	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	255604	20.000	ng	0.00
76) Chrysene-d12	14.027	240	114291	20.000	ng	0.00
86) Perylene-d12	15.498	264	136932	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	365243	83.411	ng	0.00
7) Phenol-d6	6.504	99	488177	84.937	ng	0.00
23) Nitrobenzene-d5	7.439	82	329805	58.173	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	128550	80.190	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	617961	57.559	ng	0.00
79) Terphenyl-d14	12.980	244	445066	63.918	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	46801	13.741	ng	# 74
25) Isophorone	7.439	82	329802	36.783	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	19093	8.721	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	19093	6.459	ng	# 16
63) Azobenzene	10.622	77	21701	2.163	ng	# 2
67) 4-Bromophenyl-phenylether	10.698	248	9041	3.569	ng	# 1
77) Benzidine	12.974	184	6976	4.260	ng	# 91

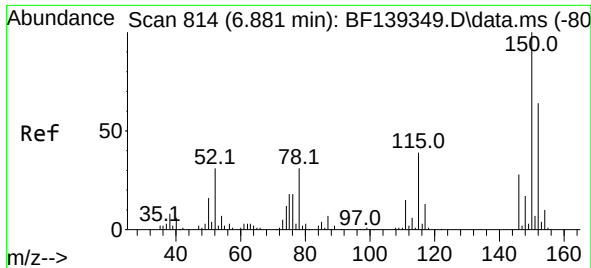
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139425.D
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-1-TANK17

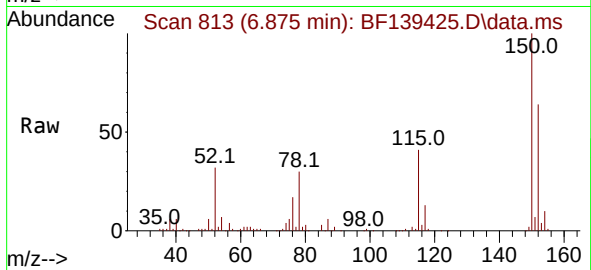
Quant Time: Sep 18 14:47:57 2024
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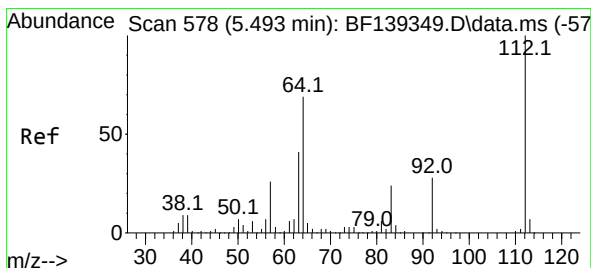
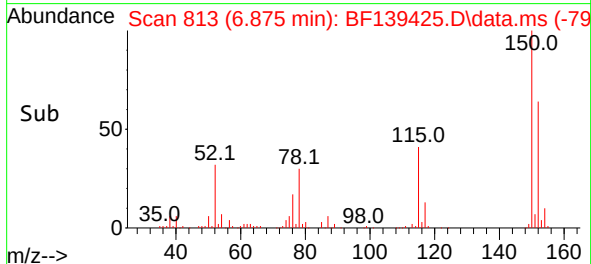
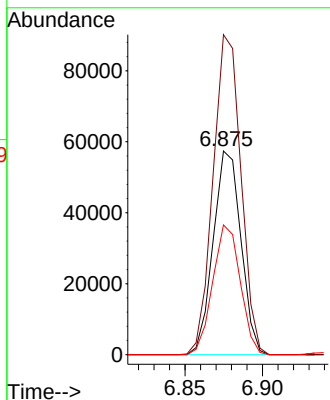


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139425.D
Acq: 18 Sep 2024 14:17

Instrument :
BNA_F
ClientSampleId :
P-1-TANK17

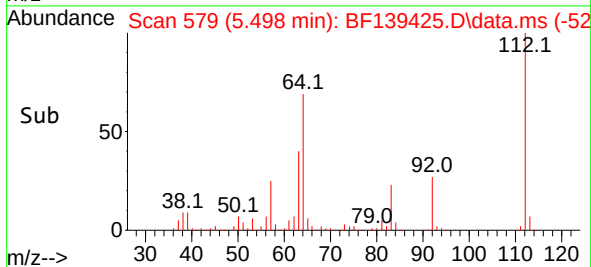
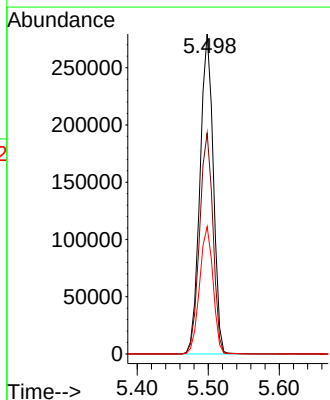
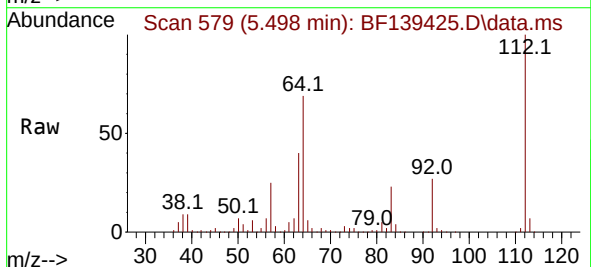


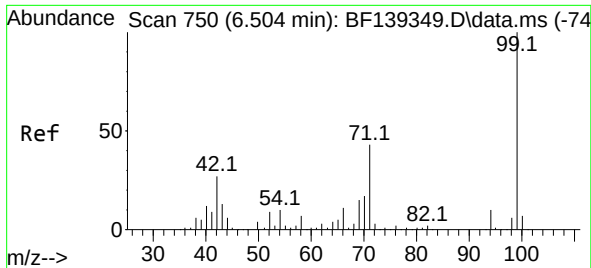
Tgt Ion:152 Resp: 71434
Ion Ratio Lower Upper
152 100
150 157.2 124.1 186.1
115 63.7 48.1 72.1



#5
2-Fluorophenol
Concen: 83.411 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.005 min
Lab File: BF139425.D
Acq: 18 Sep 2024 14:17

Tgt Ion:112 Resp: 365243
Ion Ratio Lower Upper
112 100
64 69.0 54.8 82.2
63 39.8 33.0 49.4

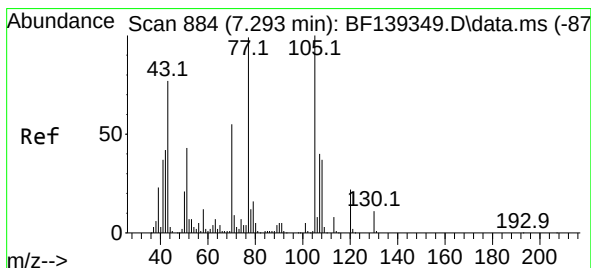
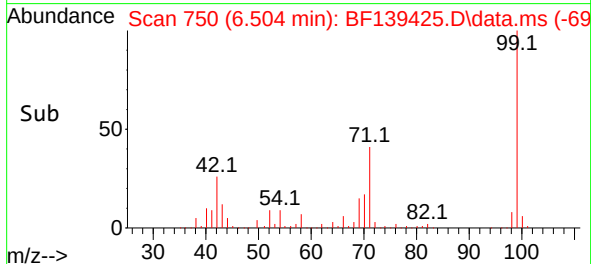
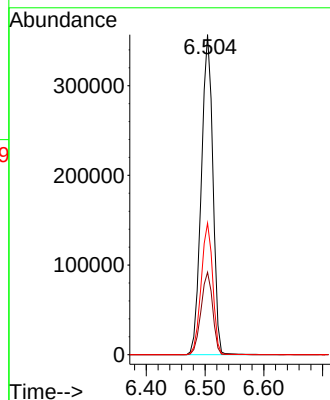
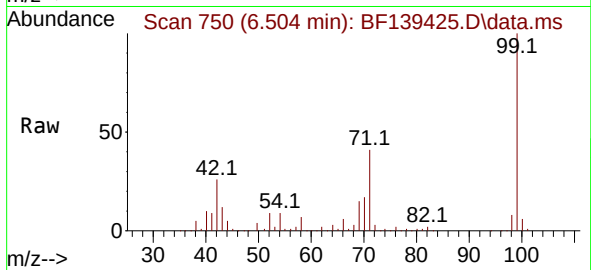




#7
Phenol-d6
Concen: 84.937 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139425.D
Acq: 18 Sep 2024 14:17

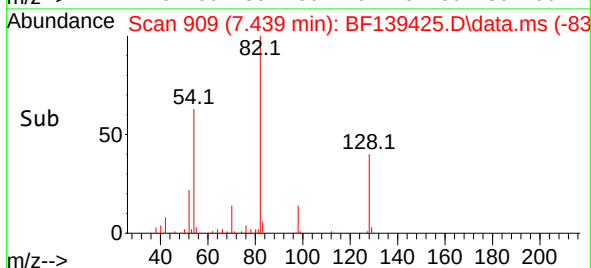
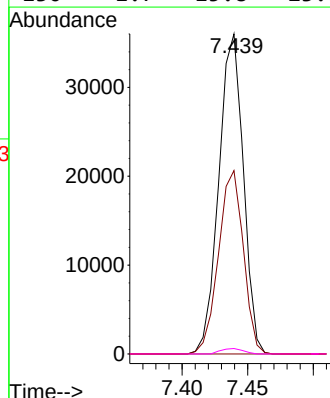
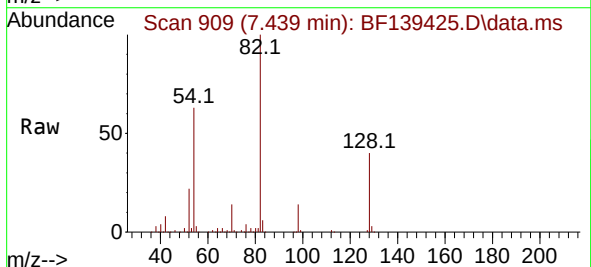
Instrument :
BNA_F
ClientSampleId :
P-1-TANK17

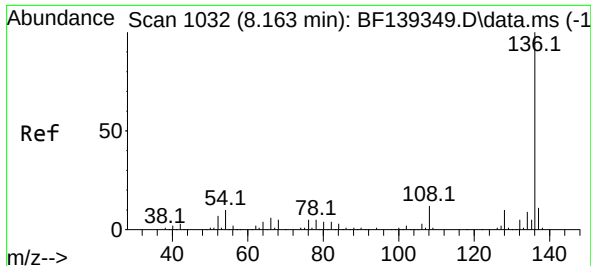
Tgt Ion: 99 Resp: 488177
Ion Ratio Lower Upper
99 100
42 25.8 21.9 32.9
71 41.1 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.741 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139425.D
Acq: 18 Sep 2024 14:17

Tgt Ion: 70 Resp: 46801
Ion Ratio Lower Upper
70 100
42 57.3 61.2 91.8#
101 0.0 7.5 11.3#
130 1.7 15.8 23.8#

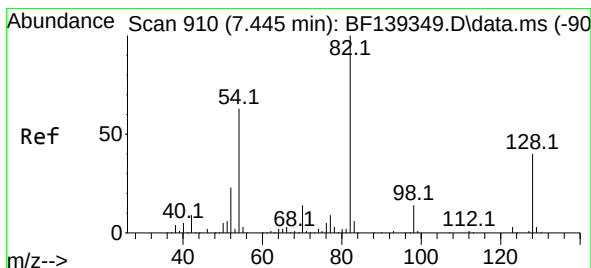
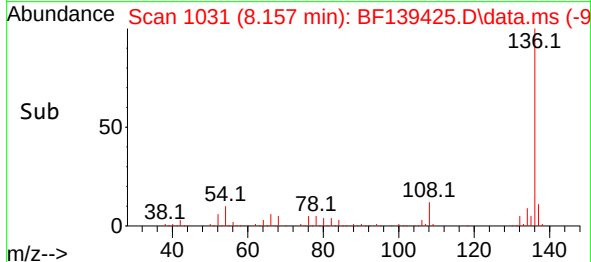
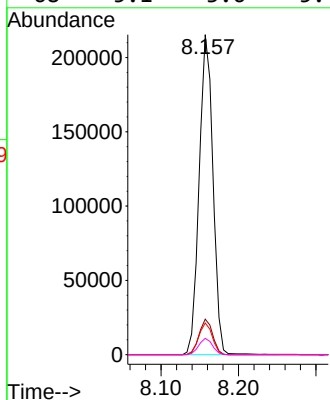
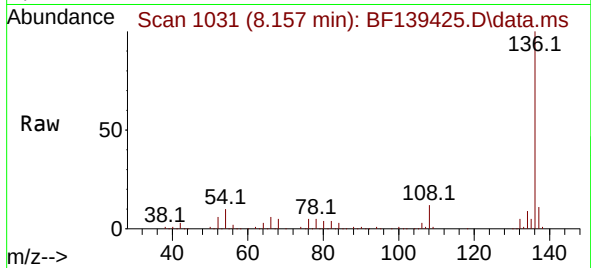




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139425.D
Acq: 18 Sep 2024 14:17

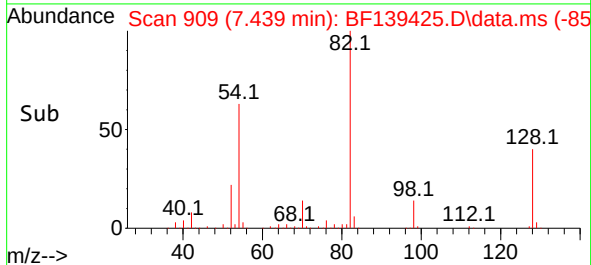
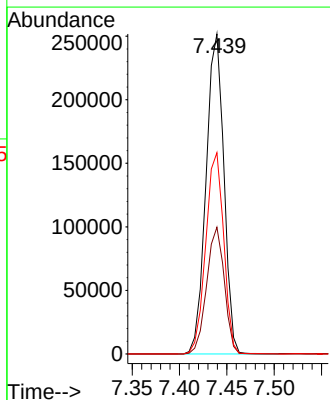
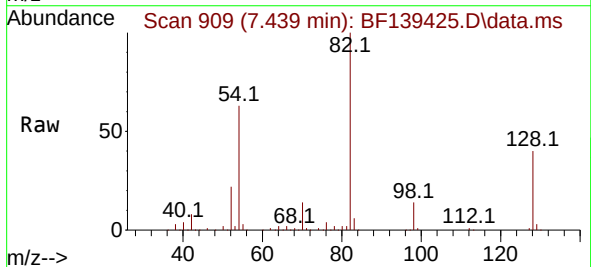
Instrument :
BNA_F
ClientSampleId :
P-1-TANK17

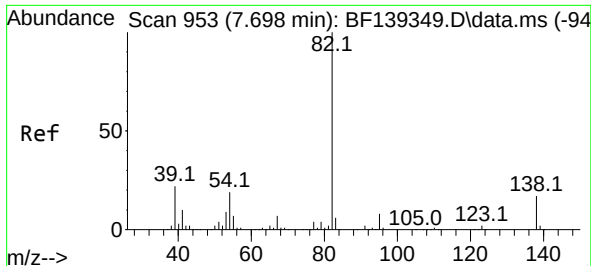
Tgt Ion:	136	Resp:	266526
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	9.9	7.8	11.8
68	5.1	3.6	5.4



#23
Nitrobenzene-d5
Concen: 58.173 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139425.D
Acq: 18 Sep 2024 14:17

Tgt Ion:	82	Resp:	329805
Ion	Ratio	Lower	Upper
82	100		
128	39.6	31.8	47.6
54	62.9	50.6	75.8

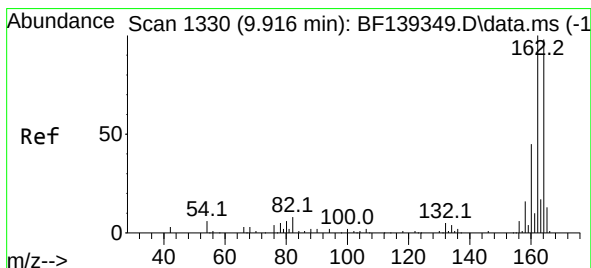
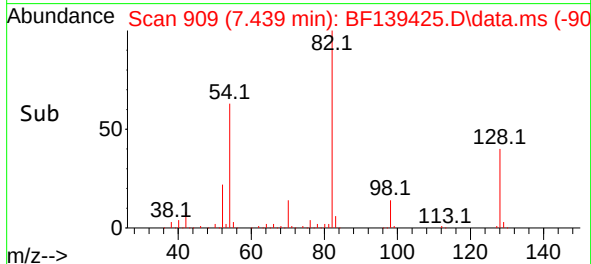
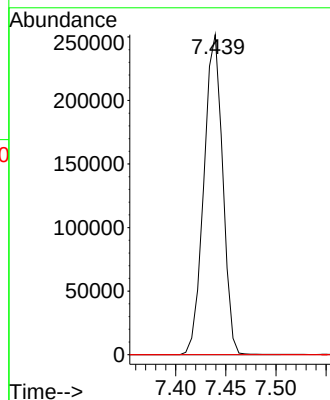
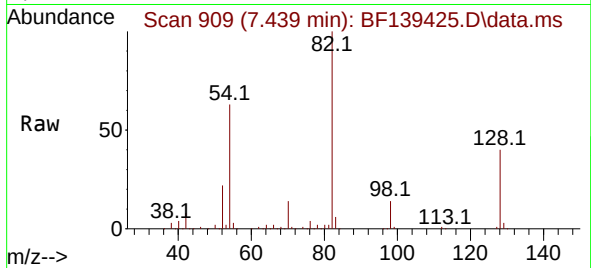




#25
Isophorone
Concen: 36.783 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139425.D
Acq: 18 Sep 2024 14:17

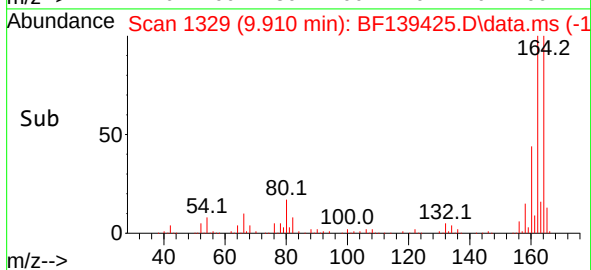
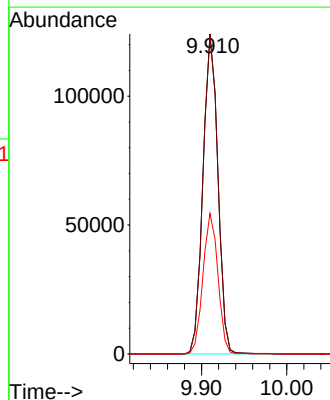
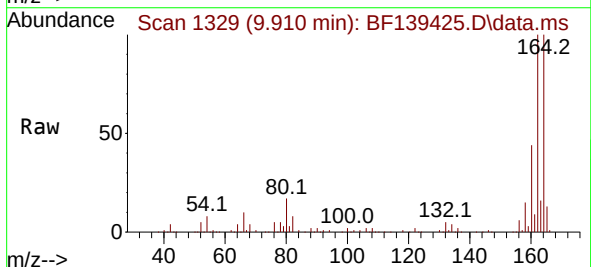
Instrument :
BNA_F
ClientSampleId :
P-1-TANK17

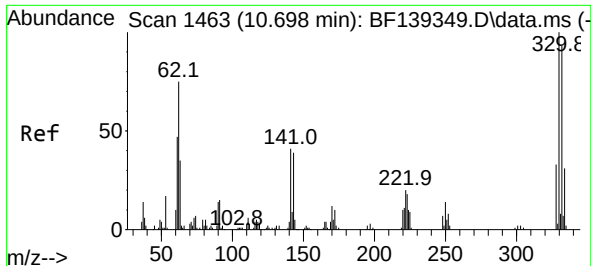
Tgt Ion: 82 Resp: 329802
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139425.D
Acq: 18 Sep 2024 14:17

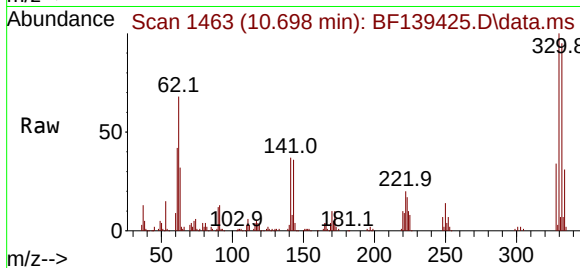
Tgt Ion:164 Resp: 150576
Ion Ratio Lower Upper
164 100
162 100.4 81.3 121.9
160 44.1 36.4 54.6



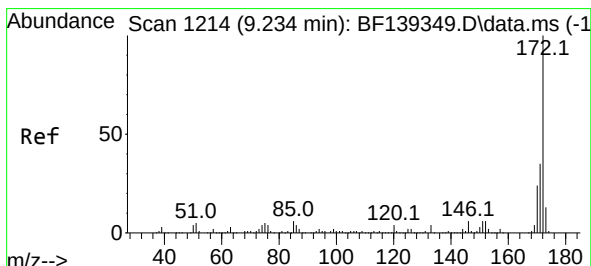
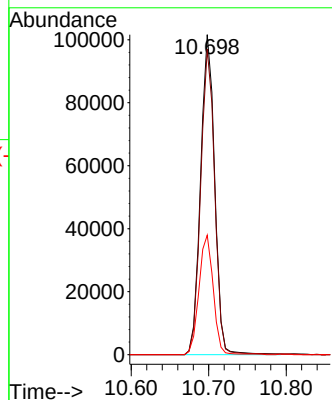
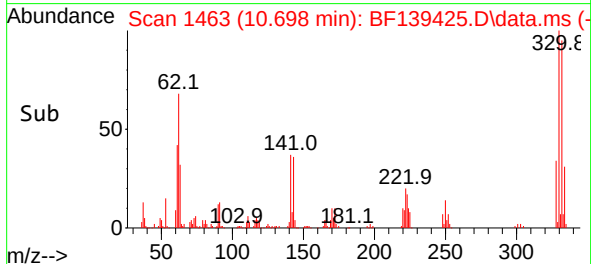


#42
2,4,6-Tribromophenol
Concen: 80.190 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139425.D
Acq: 18 Sep 2024 14:17

Instrument :
BNA_F
ClientSampleId :
P-1-TANK17

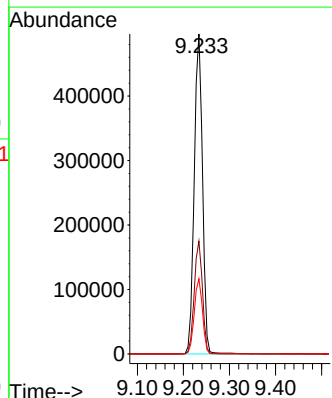
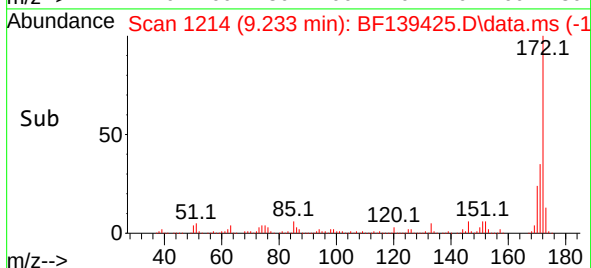
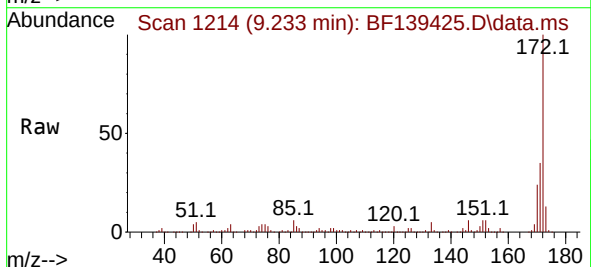


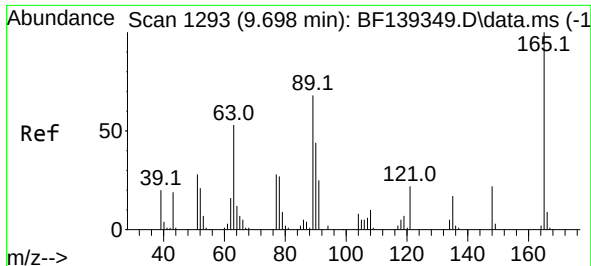
Tgt Ion:330 Resp: 128550
Ion Ratio Lower Upper
330 100
332 95.2 75.2 112.8
141 37.8 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 57.559 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139425.D
Acq: 18 Sep 2024 14:17

Tgt Ion:172 Resp: 617961
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.5 19.0 28.6

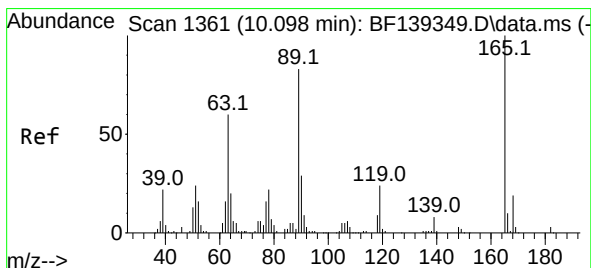
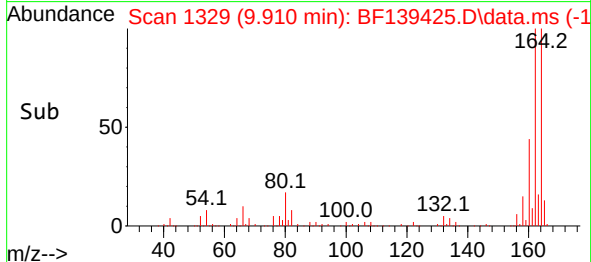
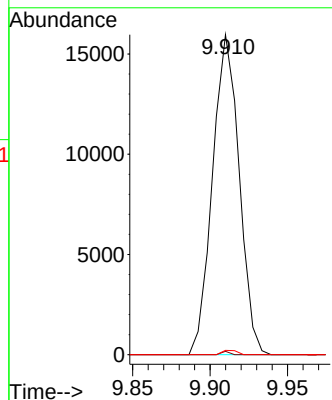
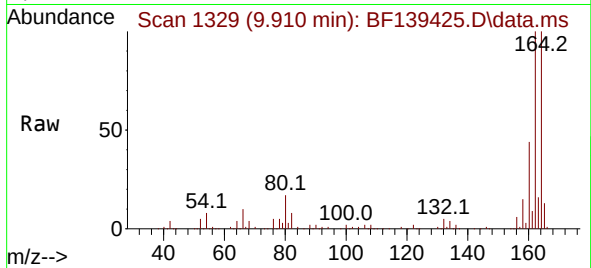




#51
2,6-Dinitrotoluene
Concen: 8.721 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139425.D
Acq: 18 Sep 2024 14:17

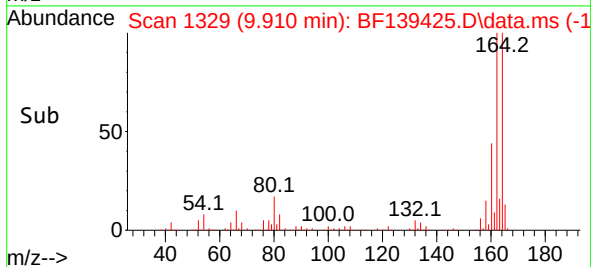
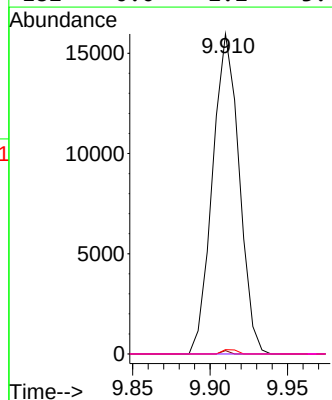
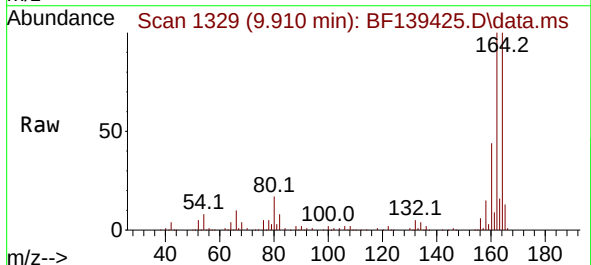
Instrument :
BNA_F
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P-1-TANK17

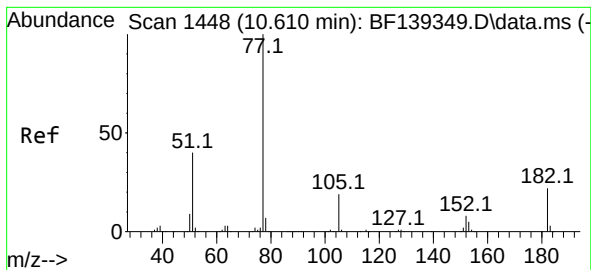
Tgt Ion:165 Resp: 19093
Ion Ratio Lower Upper
165 100
63 1.1 60.9 91.3#
89 1.3 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.459 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139425.D
Acq: 18 Sep 2024 14:17

Tgt Ion:165 Resp: 19093
Ion Ratio Lower Upper
165 100
63 1.1 47.8 71.6#
89 1.3 66.7 100.1#
182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 2.163 ng

RT: 10.622 min Scan# 1448

Delta R.T. 0.012 min

Lab File: BF139425.D

Acq: 18 Sep 2024 14:17

Instrument :

BNA_F

ClientSampleId :

P-1-TANK17

Tgt Ion: 77 Resp: 21701

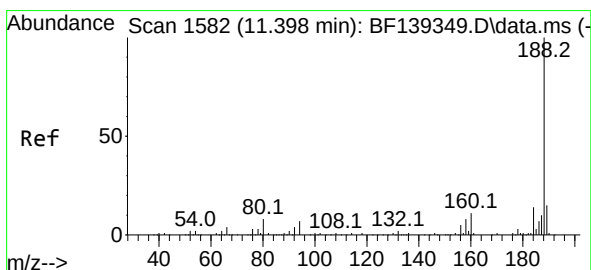
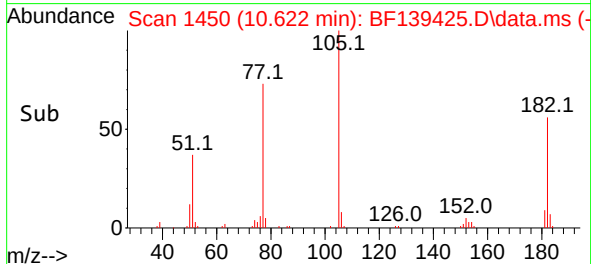
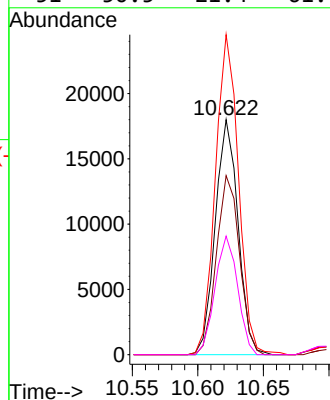
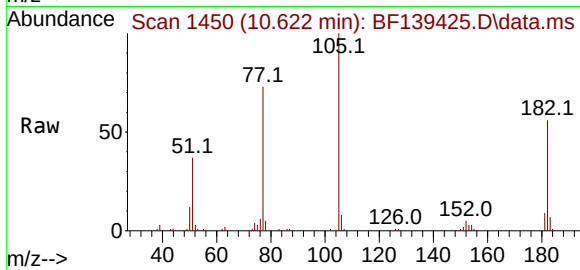
Ion Ratio Lower Upper

77 100

182 76.2 1.8 41.8#

105 136.2 0.0 38.6#

51 50.5 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: BF139425.D

Acq: 18 Sep 2024 14:17

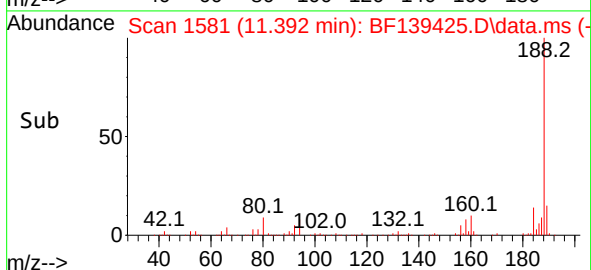
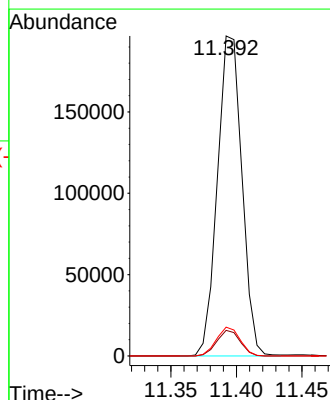
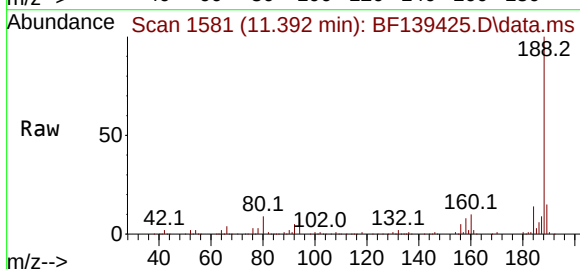
Tgt Ion: 188 Resp: 255604

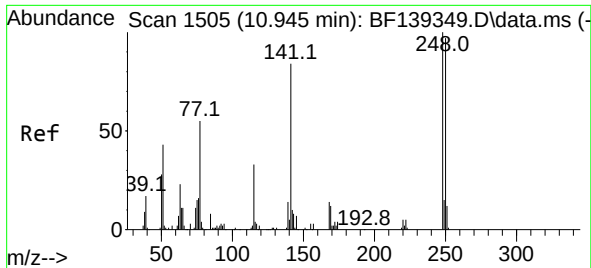
Ion Ratio Lower Upper

188 100

94 8.0 5.5 8.3

80 9.0 6.6 9.8

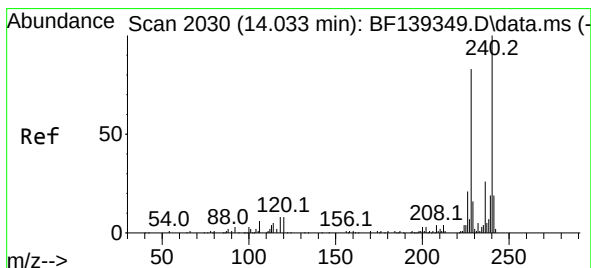
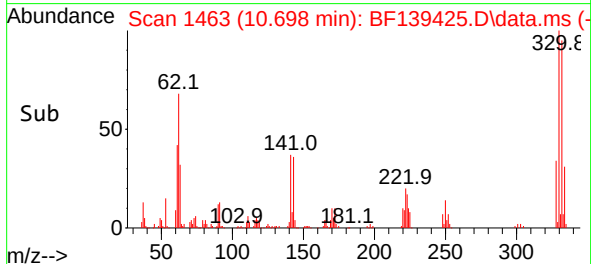
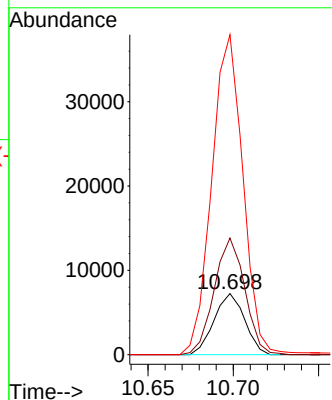
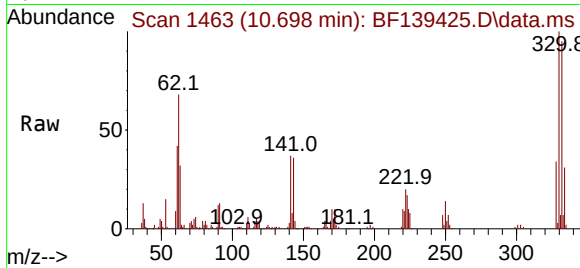




#67
4-Bromophenyl-phenylether
Concen: 3.569 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF139425.D
Acq: 18 Sep 2024 14:17

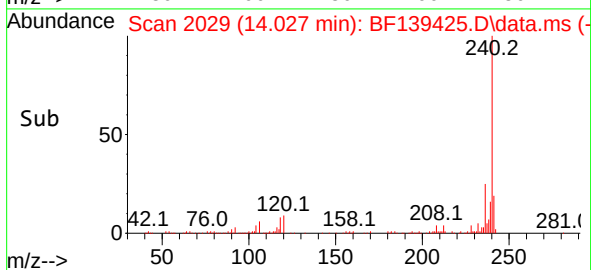
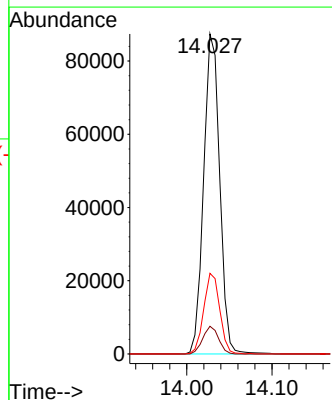
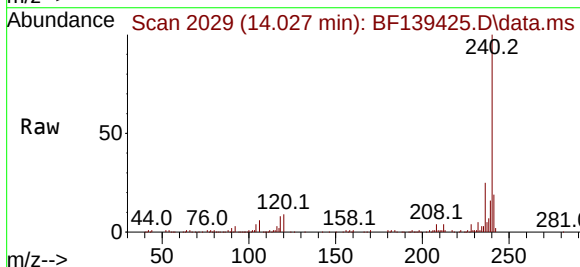
Instrument :
BNA_F
ClientSampleId :
P-1-TANK17

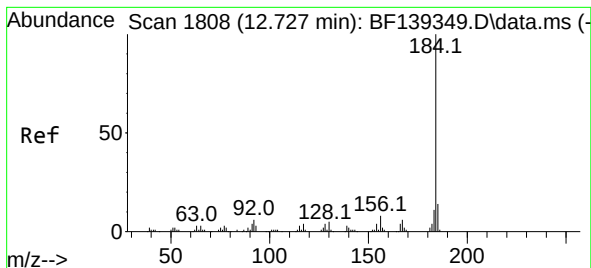
Tgt Ion:248 Resp: 9041
Ion Ratio Lower Upper
248 100
250 190.7 77.6 116.4#
141 523.1 66.9 100.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139425.D
Acq: 18 Sep 2024 14:17

Tgt Ion:240 Resp: 114291
Ion Ratio Lower Upper
240 100
120 8.7 6.2 9.2
236 25.2 20.9 31.3





#77

Benzidine

Concen: 4.260 ng

RT: 12.974 min Scan# 1850

Delta R.T. 0.247 min

Lab File: BF139425.D

Acq: 18 Sep 2024 14:17

Instrument :

BNA_F

ClientSampleId :

P-1-TANK17

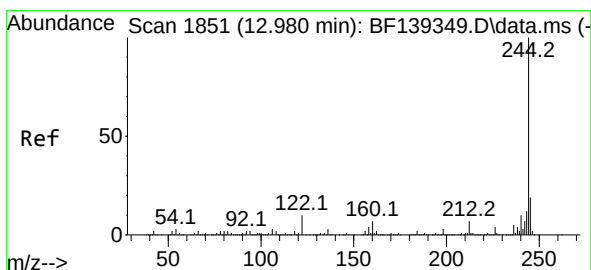
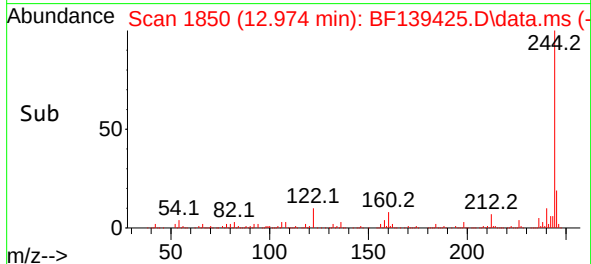
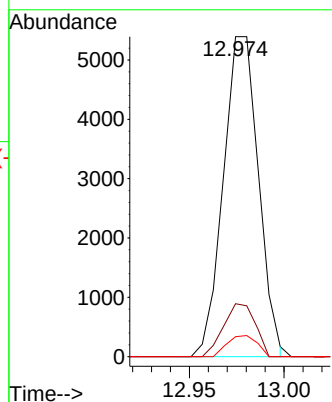
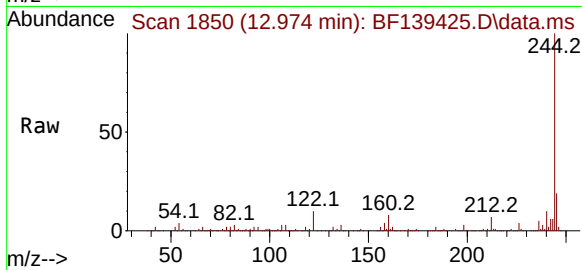
Tgt Ion:184 Resp: 6976

Ion Ratio Lower Upper

184 100

185 16.5 11.5 17.3

183 6.2 8.9 13.3#



#79

Terphenyl-d14

Concen: 63.918 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF139425.D

Acq: 18 Sep 2024 14:17

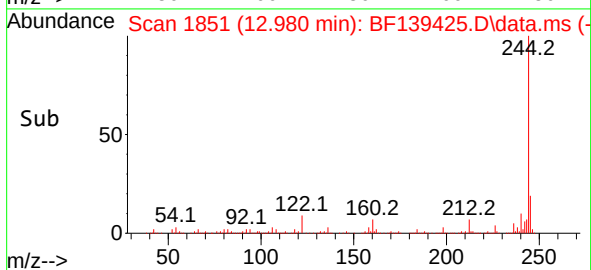
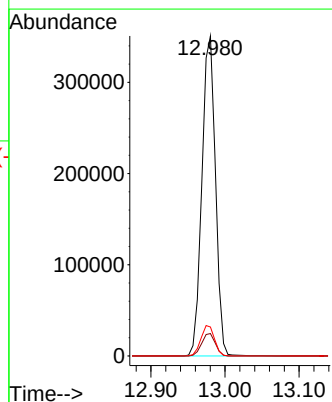
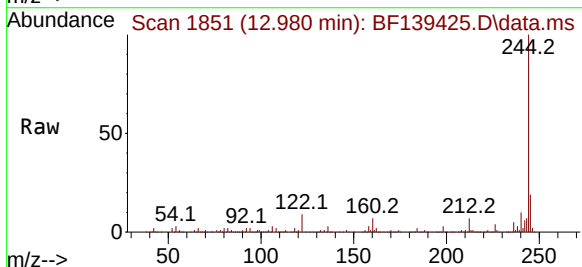
Tgt Ion:244 Resp: 445066

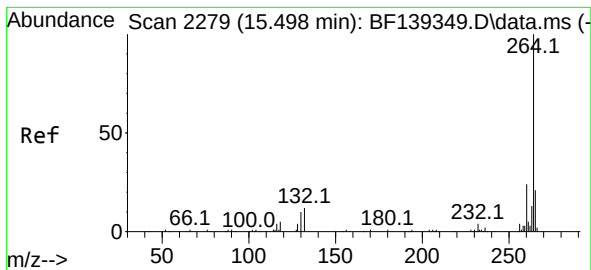
Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 9.1 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: BF139425.D
 Acq: 18 Sep 2024 14:17

Instrument :
 BNA_F
 ClientSampleId :
 P-1-TANK17

Tgt Ion:264 Resp: 136932
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.5 29.3
 265 21.2 16.6 25.0

