

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
 Data File : BF139554.D
 Acq On : 26 Sep 2024 18:59
 Operator : RC/JU
 Sample : P4176-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-1C-SYS2

Quant Time: Sep 27 01:07:00 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)

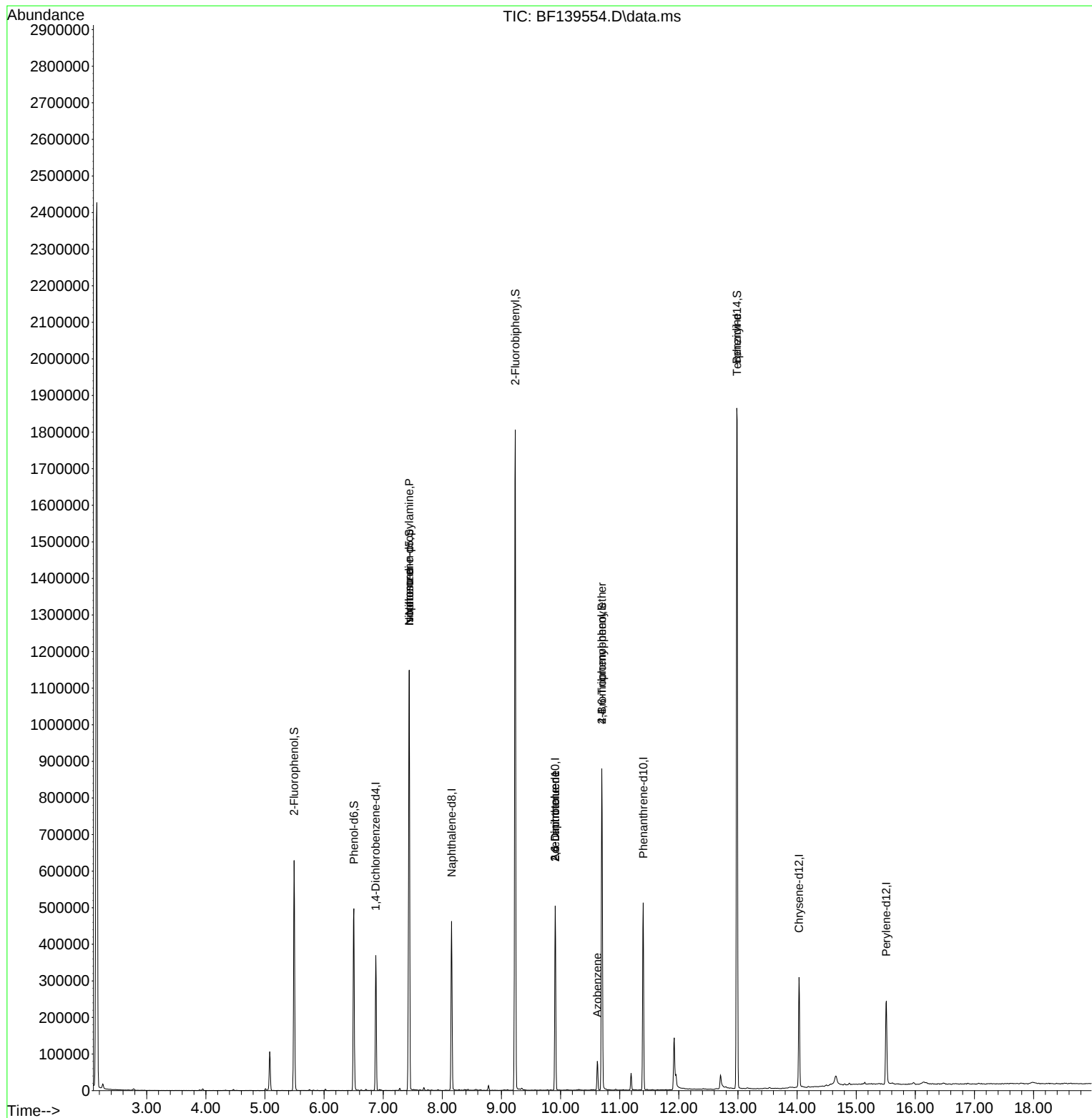
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	71167	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	267168	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	146975	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	268928	20.000	ng	0.00
76) Chrysene-d12	14.033	240	137114	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	138036	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	199468	45.724	ng	0.00
7) Phenol-d6	6.504	99	209145	36.525	ng	0.00
23) Nitrobenzene-d5	7.439	82	498939	87.794	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	132196	84.485	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	777901	74.232	ng	0.00
79) Terphenyl-d14	12.986	244	921231	110.280	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	69484	20.478	ng	# 74
25) Isophorone	7.439	82	497646	55.369	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	18644	8.724	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	18644	6.462	ng	# 16
63) Azobenzene	10.622	77	20321	2.075	ng	# 3
67) 4-Bromophenyl-phenylether	10.698	248	9001	3.377	ng	# 1
77) Benzidine	12.980	184	12811	6.521	ng	# 91

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

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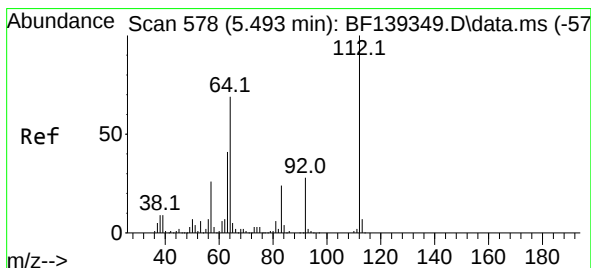
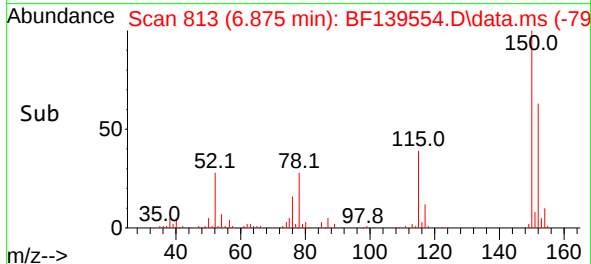
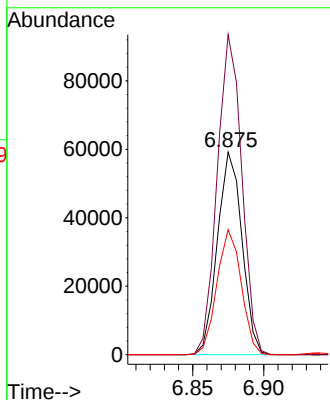
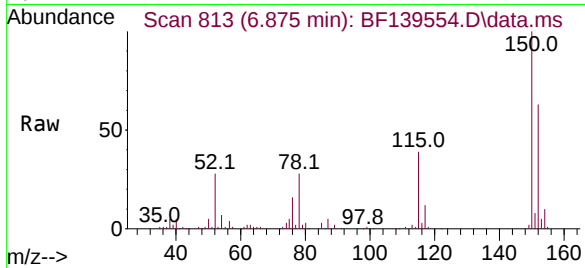




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139554.D
Acq: 26 Sep 2024 18:59

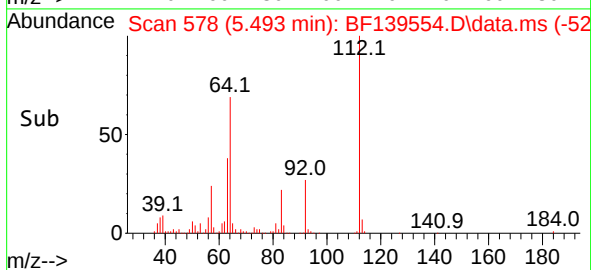
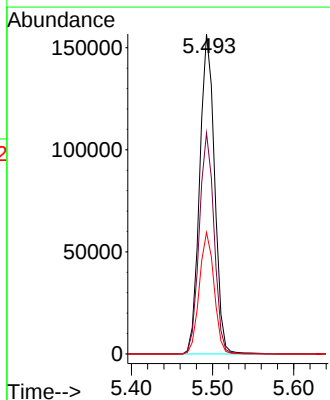
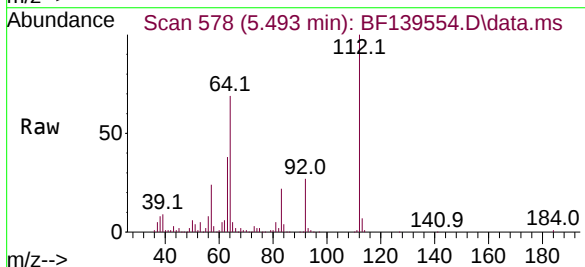
Instrument :
BNA_F
ClientSampleId :
FB-1C-SYS2

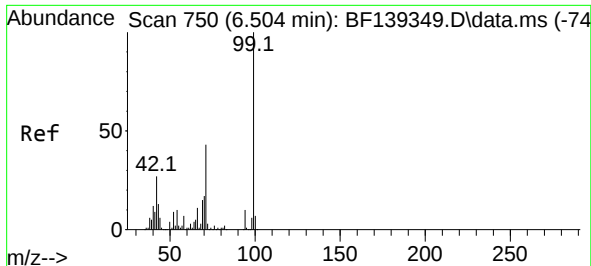
Tgt Ion:152 Resp: 71167
Ion Ratio Lower Upper
152 100
150 158.0 124.1 186.1
115 61.7 48.1 72.1



#5
2-Fluorophenol
Concen: 45.724 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.000 min
Lab File: BF139554.D
Acq: 26 Sep 2024 18:59

Tgt Ion:112 Resp: 199468
Ion Ratio Lower Upper
112 100
64 69.1 54.8 82.2
63 38.0 33.0 49.4

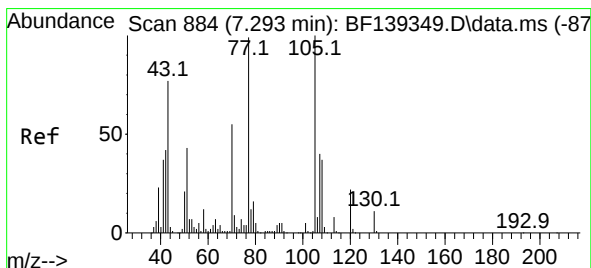
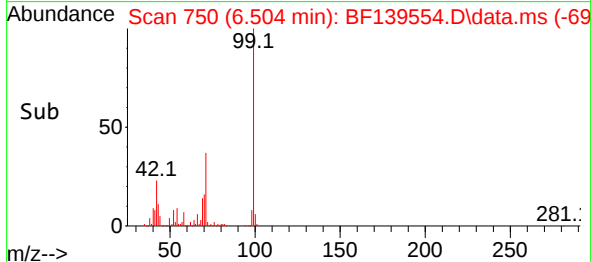
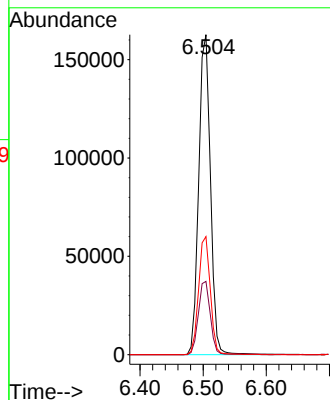
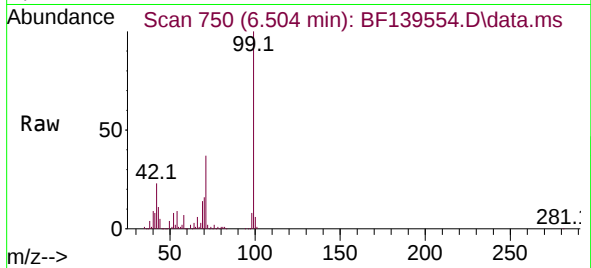




#7
Phenol-d6
Concen: 36.525 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139554.D
Acq: 26 Sep 2024 18:59

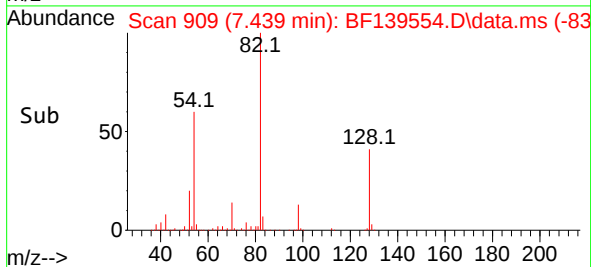
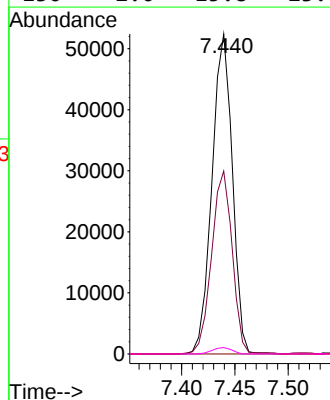
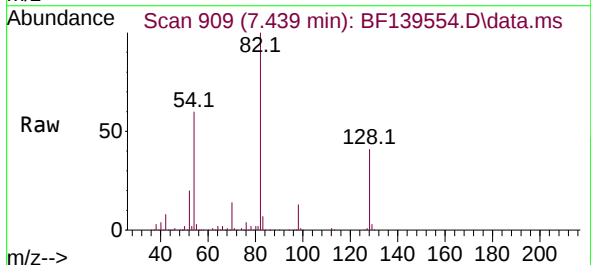
Instrument :
BNA_F
ClientSampleId :
FB-1C-SYS2

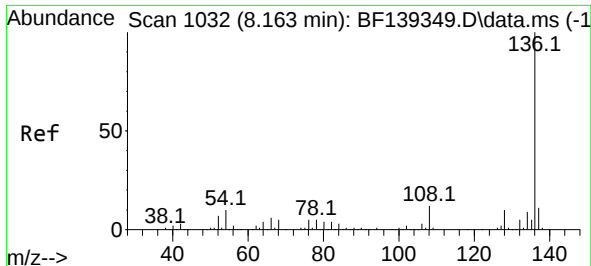
Tgt Ion: 99 Resp: 209145
Ion Ratio Lower Upper
99 100
42 22.9 21.9 32.9
71 36.9 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.478 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139554.D
Acq: 26 Sep 2024 18:59

Tgt Ion: 70 Resp: 69484
Ion Ratio Lower Upper
70 100
42 57.1 61.2 91.8#
101 0.0 7.5 11.3#
130 2.0 15.8 23.8#

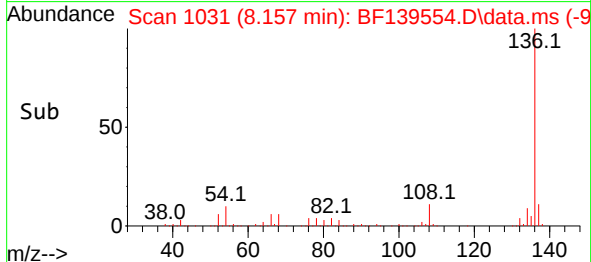
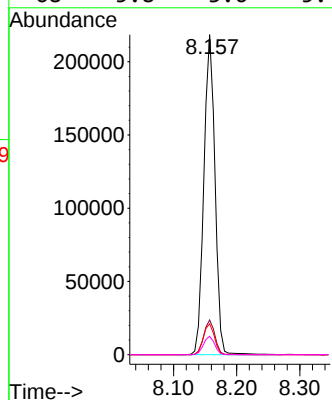
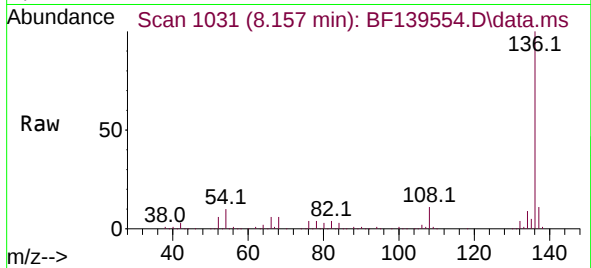




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139554.D
Acq: 26 Sep 2024 18:59

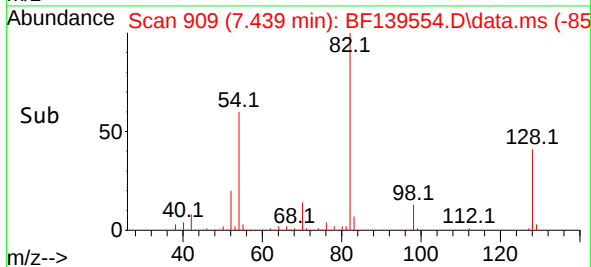
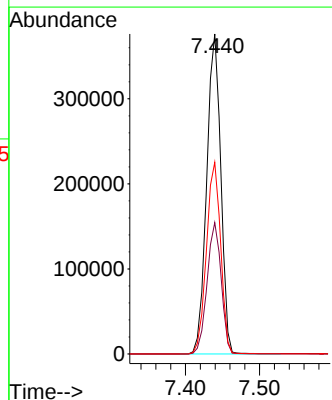
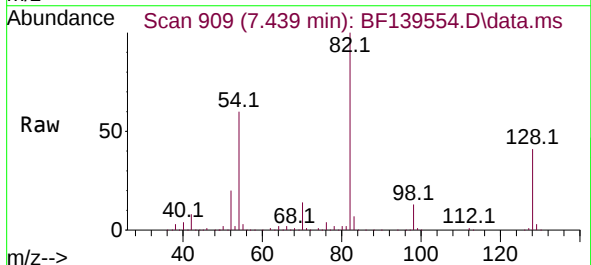
Instrument :
BNA_F
ClientSampleId :
FB-1C-SYS2

Tgt Ion:	136	Resp:	267168
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.7	7.8	11.8
68	5.8	3.6	5.4



#23
Nitrobenzene-d5
Concen: 87.794 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139554.D
Acq: 26 Sep 2024 18:59

Tgt Ion:	82	Resp:	498939
Ion	Ratio	Lower	Upper
82	100		
128	41.1	31.8	47.6
54	59.9	50.6	75.8

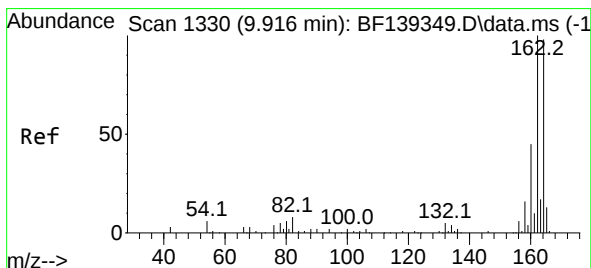
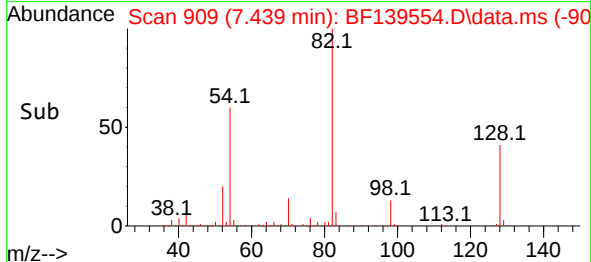
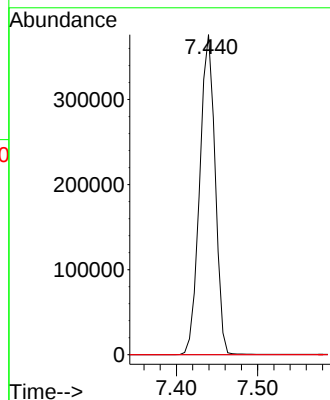
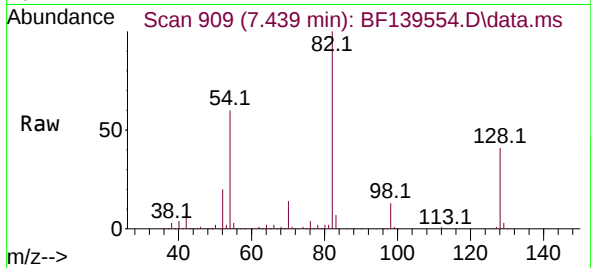




#25
Isophorone
Concen: 55.369 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139554.D
Acq: 26 Sep 2024 18:59

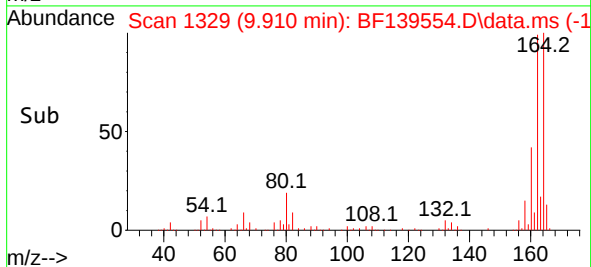
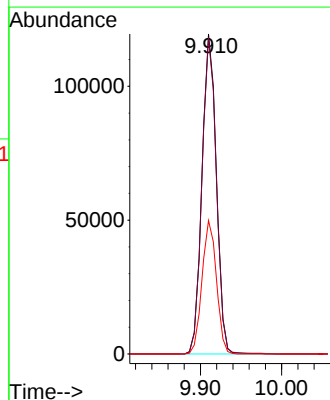
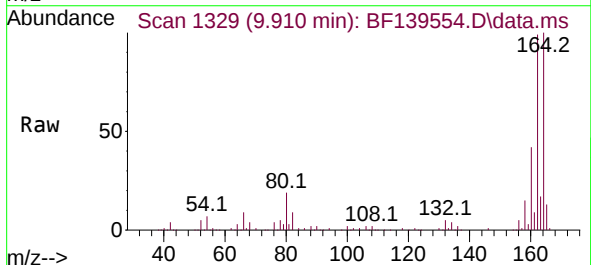
Instrument :
BNA_F
ClientSampleId :
FB-1C-SYS2

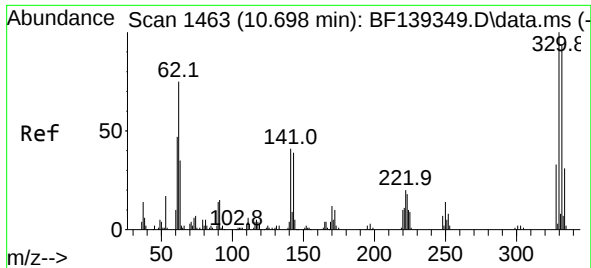
Tgt Ion: 82 Resp: 497646
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139554.D
Acq: 26 Sep 2024 18:59

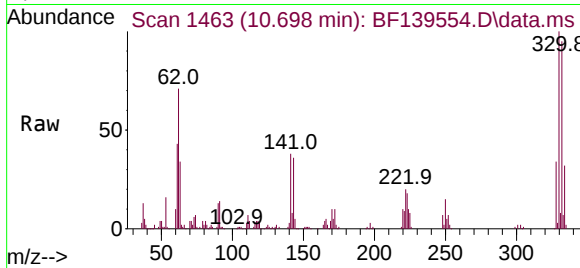
Tgt Ion: 164 Resp: 146975
Ion Ratio Lower Upper
164 100
162 98.9 81.3 121.9
160 41.7 36.4 54.6



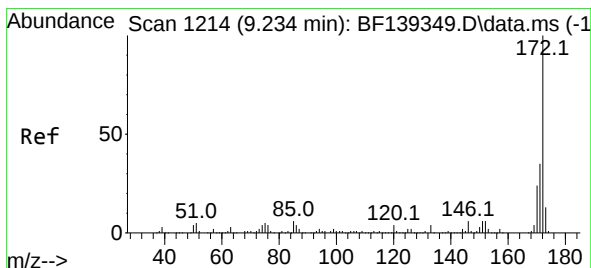
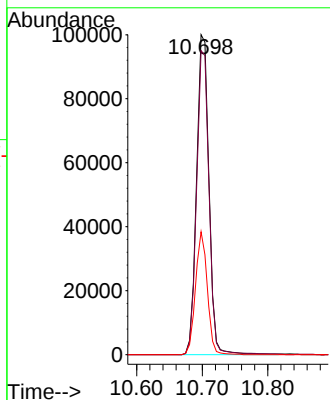
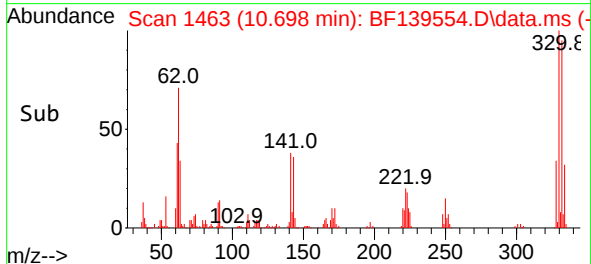


#42
2,4,6-Tribromophenol
Concen: 84.485 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139554.D
Acq: 26 Sep 2024 18:59

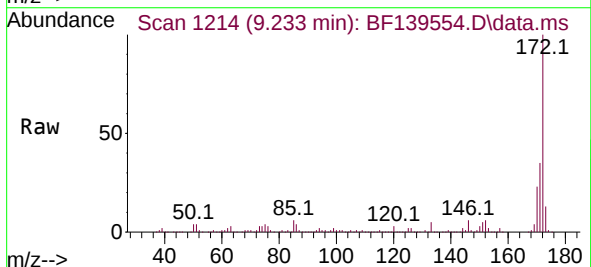
Instrument :
BNA_F
ClientSampleId :
FB-1C-SYS2



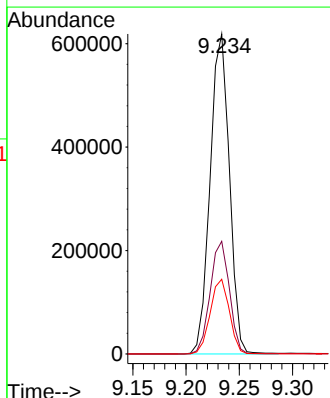
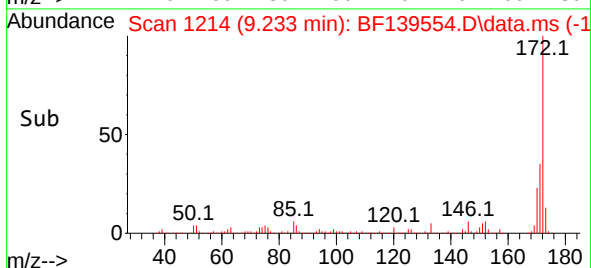
Tgt Ion:330 Resp: 132196
Ion Ratio Lower Upper
330 100
332 95.2 75.2 112.8
141 36.4 31.2 46.8

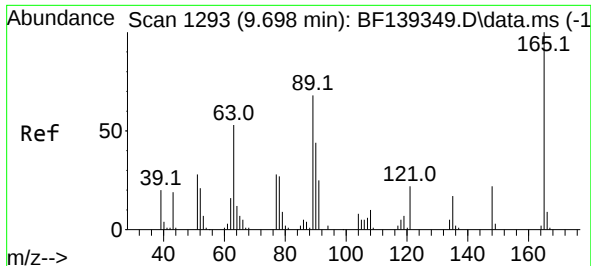


#45
2-Fluorobiphenyl
Concen: 74.232 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139554.D
Acq: 26 Sep 2024 18:59



Tgt Ion:172 Resp: 777901
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.4 19.0 28.6

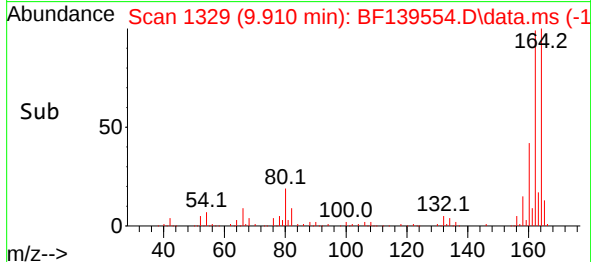
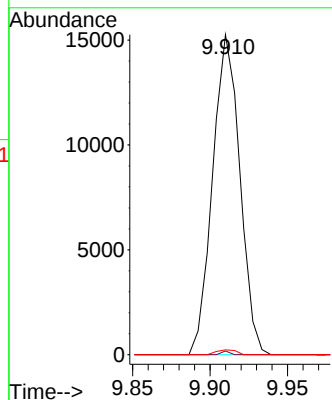
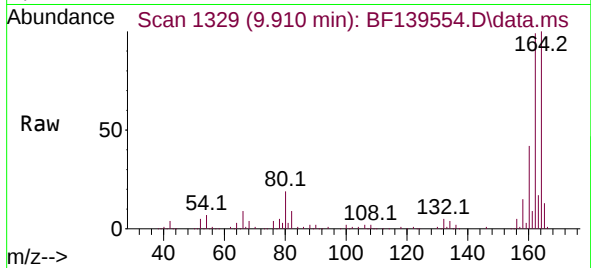




#51
2,6-Dinitrotoluene
Concen: 8.724 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139554.D
Acq: 26 Sep 2024 18:59

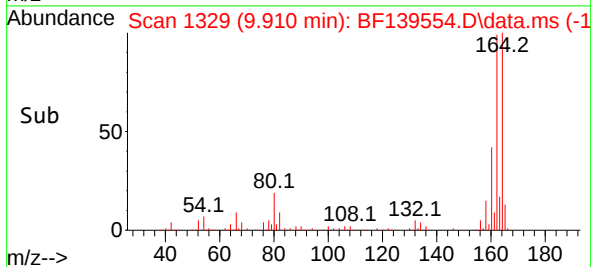
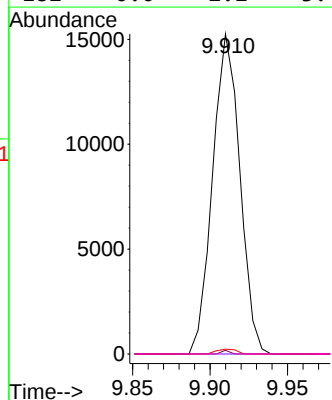
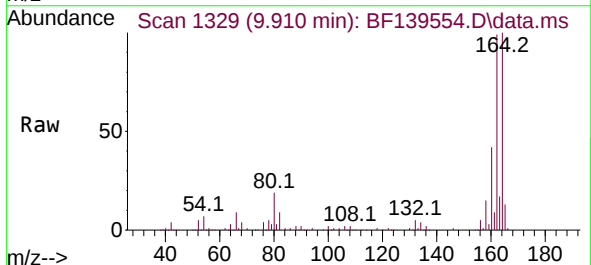
Instrument :
BNA_F
ClientSampleId :
FB-1C-SYS2

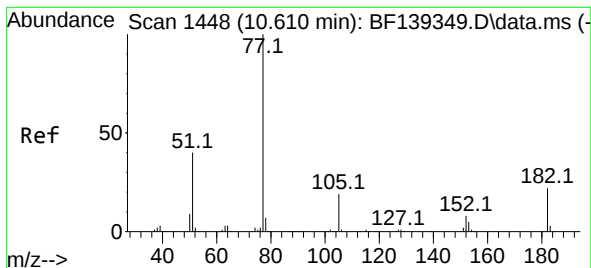
Tgt Ion:165 Resp: 18644
Ion Ratio Lower Upper
165 100
63 1.1 60.9 91.3#
89 1.5 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.462 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139554.D
Acq: 26 Sep 2024 18:59

Tgt Ion:165 Resp: 18644
Ion Ratio Lower Upper
165 100
63 1.1 47.8 71.6#
89 1.5 66.7 100.1#
182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 2.075 ng

RT: 10.622 min Scan# 1448

Delta R.T. 0.012 min

Lab File: BF139554.D

Acq: 26 Sep 2024 18:59

Instrument :

BNA_F

ClientSampleId :

FB-1C-SYS2

Tgt Ion: 77 Resp: 20321

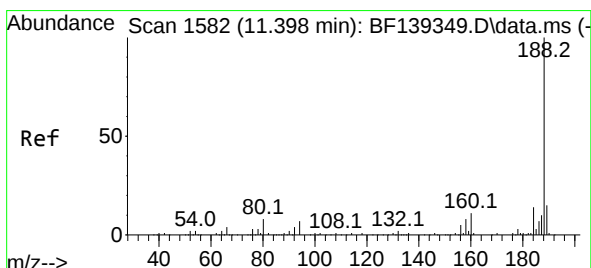
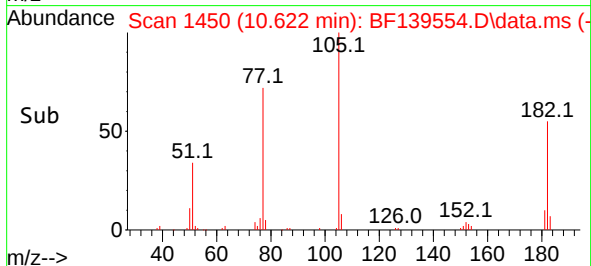
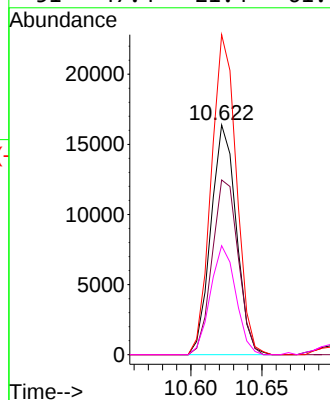
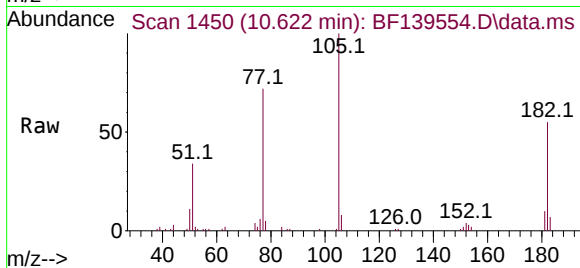
Ion Ratio Lower Upper

77 100

182 76.0 1.8 41.8#

105 139.3 0.0 38.6#

51 47.4 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: BF139554.D

Acq: 26 Sep 2024 18:59

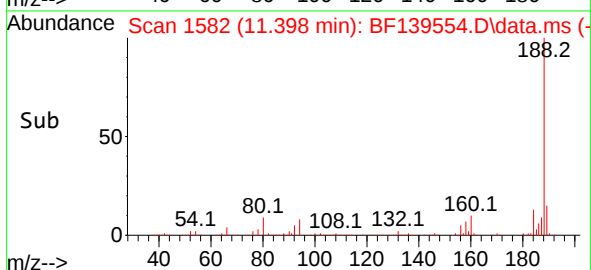
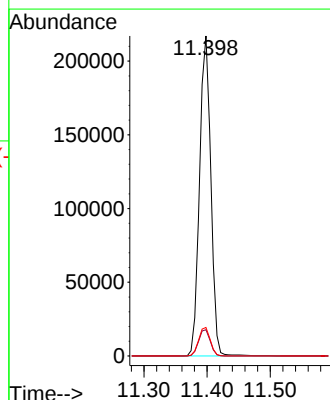
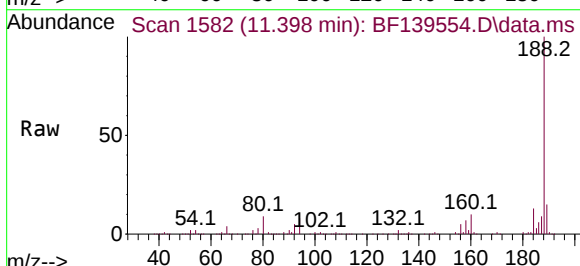
Tgt Ion: 188 Resp: 268928

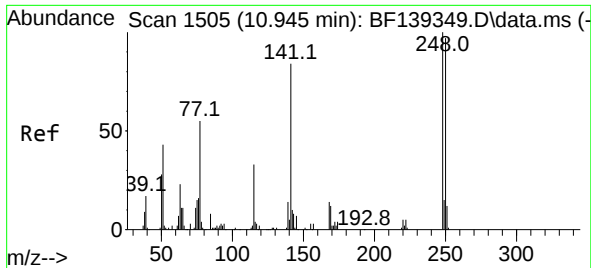
Ion Ratio Lower Upper

188 100

94 8.2 5.5 8.3

80 8.9 6.6 9.8

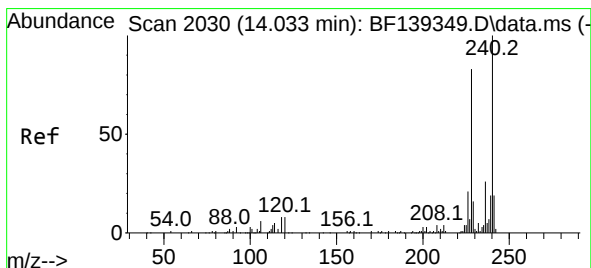
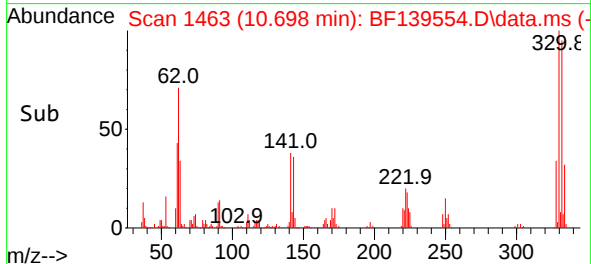
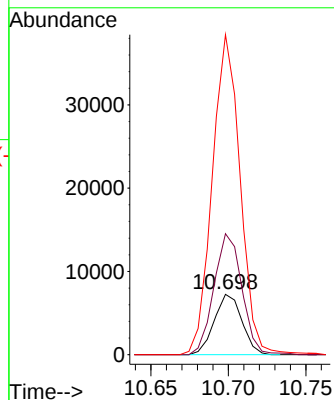
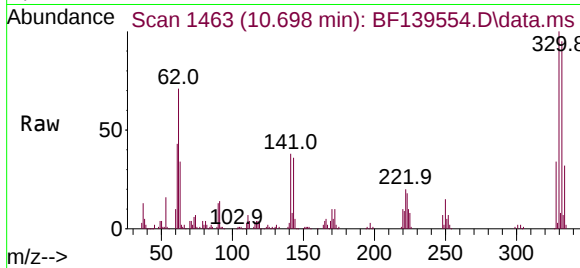




#67
4-Bromophenyl-phenylether
Concen: 3.377 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF139554.D
Acq: 26 Sep 2024 18:59

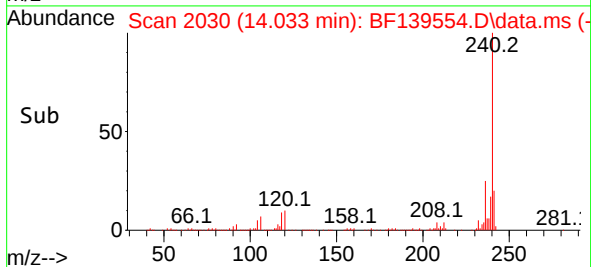
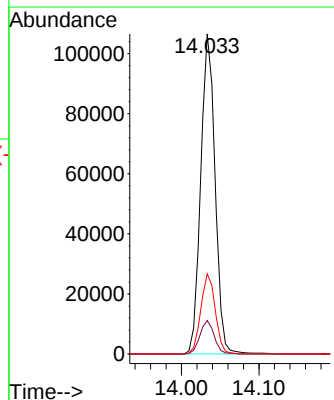
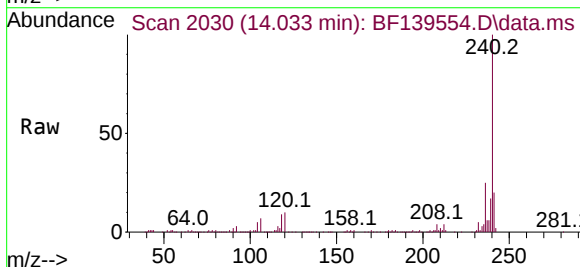
Instrument :
BNA_F
ClientSampleId :
FB-1C-SYS2

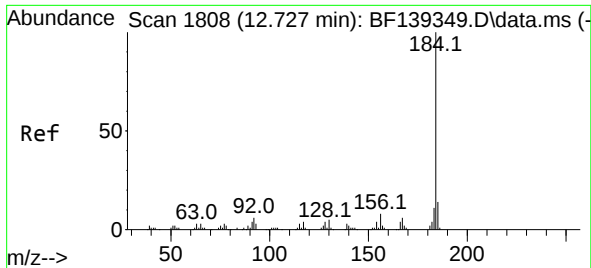
Tgt Ion:248 Resp: 9001
Ion Ratio Lower Upper
248 100
250 200.4 77.6 116.4#
141 529.9 66.9 100.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139554.D
Acq: 26 Sep 2024 18:59

Tgt Ion:240 Resp: 137114
Ion Ratio Lower Upper
240 100
120 10.5 6.2 9.2#
236 25.0 20.9 31.3

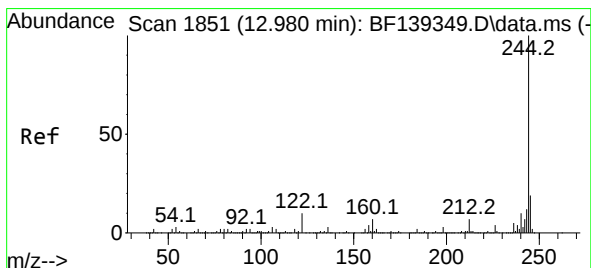
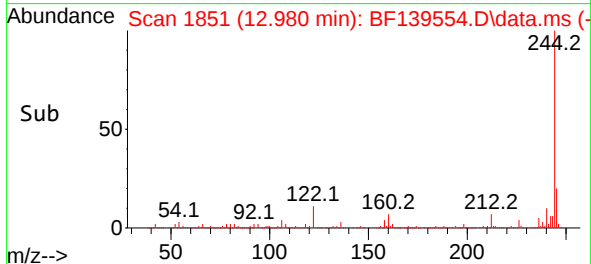
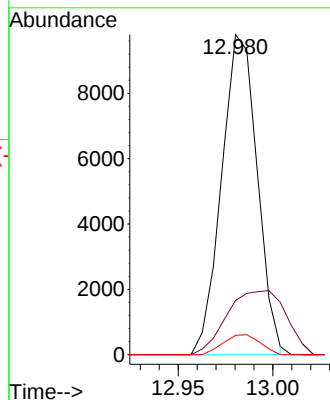
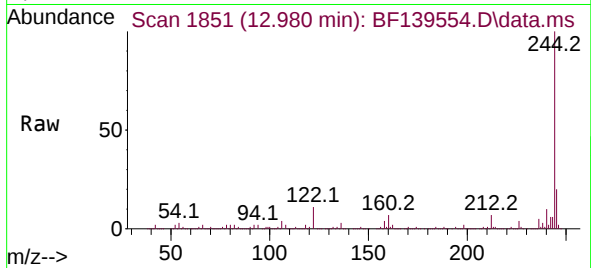




#77
Benzidine
Concen: 6.521 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.253 min
Lab File: BF139554.D
Acq: 26 Sep 2024 18:59

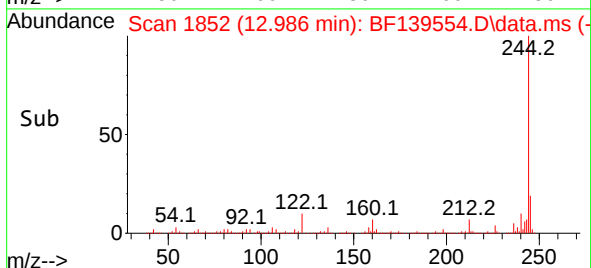
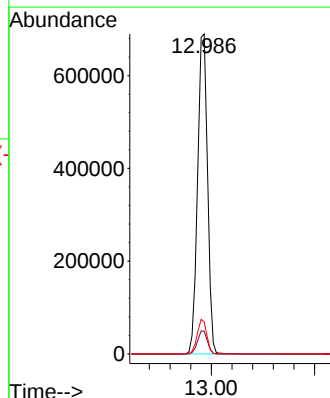
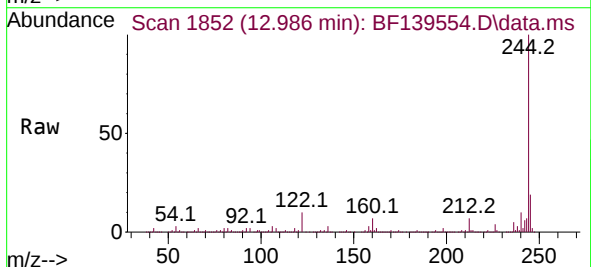
Instrument :
BNA_F
ClientSampleId :
FB-1C-SYS2

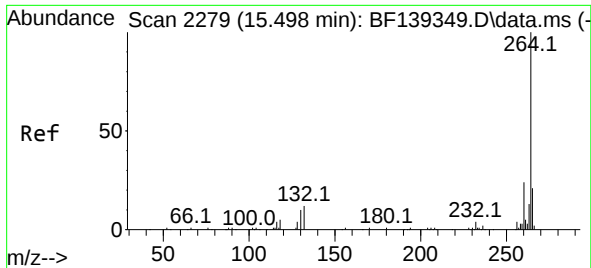
Tgt Ion:184 Resp: 12811
Ion Ratio Lower Upper
184 100
185 16.9 11.5 17.3
183 6.0 8.9 13.3#



#79
Terphenyl-d14
Concen: 110.280 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.006 min
Lab File: BF139554.D
Acq: 26 Sep 2024 18:59

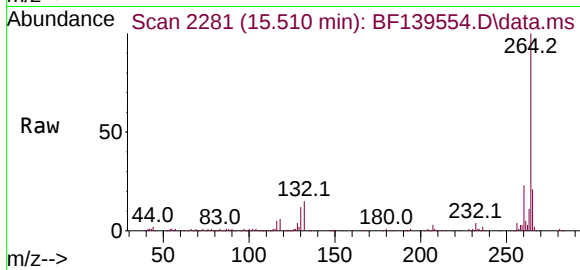
Tgt Ion:244 Resp: 921231
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 9.9 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF139554.D
 Acq: 26 Sep 2024 18:59

Instrument :
 BNA_F
 ClientSampleId :
 FB-1C-SYS2



Tgt Ion:264 Resp: 138036
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 20.9 16.6 25.0

