

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090324\
 Data File : BF139230.D
 Acq On : 03 Sep 2024 12:27
 Operator : RC/JU
 Sample : P3799-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WELL-1

Quant Time: Sep 04 01:56:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 15:46:29 2024
 Response via : Initial Calibration

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

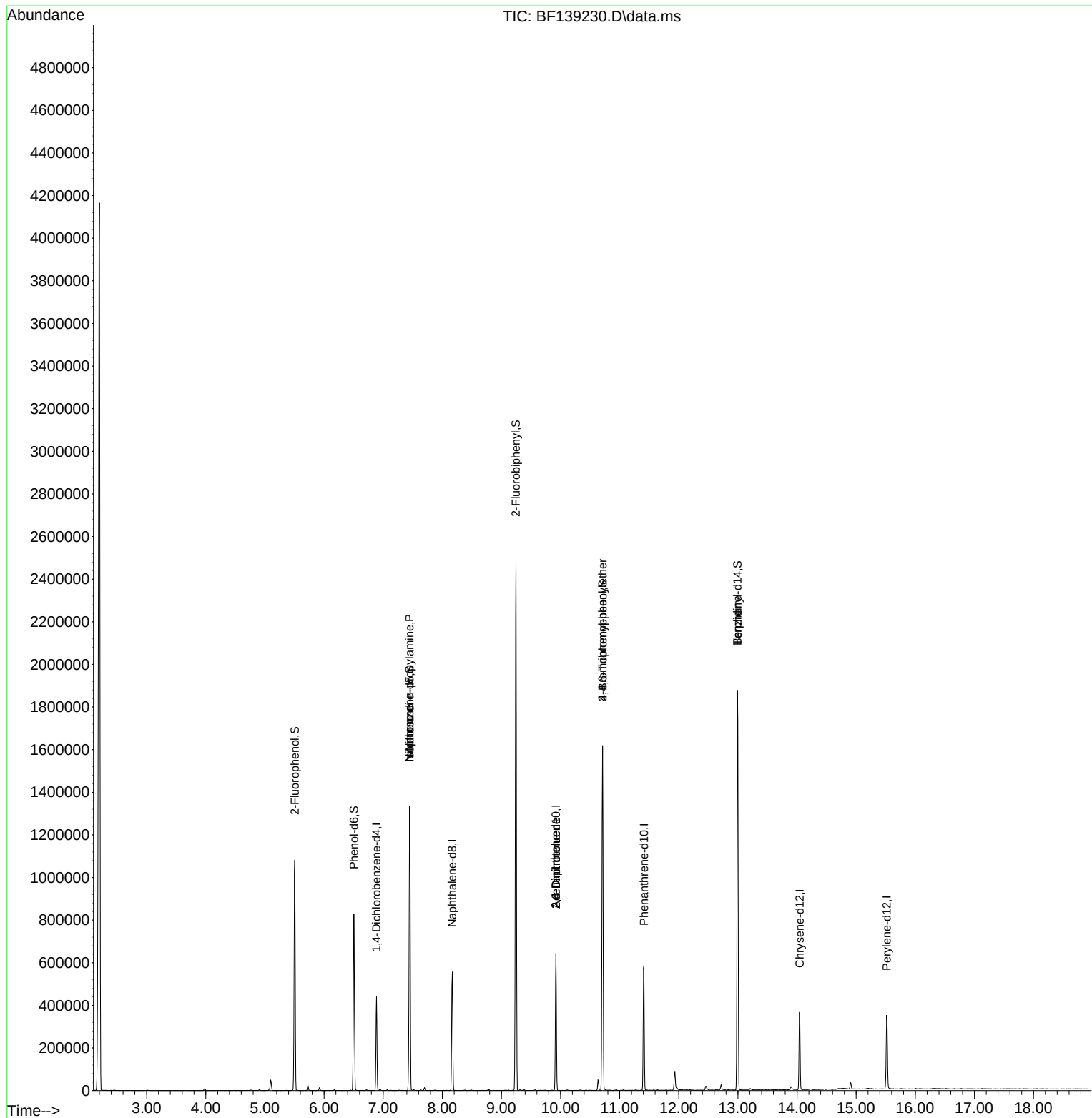
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	82950	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	320814	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	183334	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	303042	20.000	ng	0.00
76) Chrysene-d12	14.045	240	176219	20.000	ng	0.00
86) Perylene-d12	15.515	264	203328	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	371663	71.826	ng	0.00
7) Phenol-d6	6.504	99	353867	51.552	ng	-0.01
23) Nitrobenzene-d5	7.445	82	639843	95.873	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	260731	141.779	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1053677	89.488	ng	0.00
79) Terphenyl-d14	12.992	244	916299	74.952	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	88240	20.660	ng	# 79
25) Isophorone	7.445	82	638286	55.183	ng	# 68
51) 2,6-Dinitrotoluene	9.922	165	22980	9.262	ng	# 20
57) 2,4-Dinitrotoluene	9.922	165	22980	7.353	ng	# 19
67) 4-Bromophenyl-phenylether	10.710	248	18207	5.528	ng	# 1
77) Benzydine	12.992	184	11971	3.437	ng	# 91

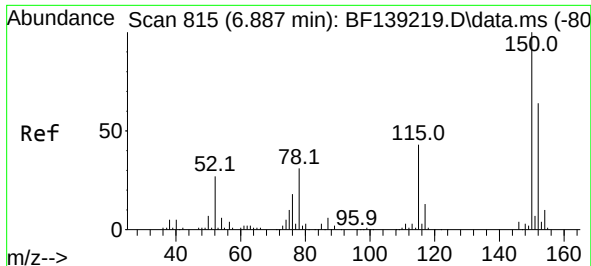
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

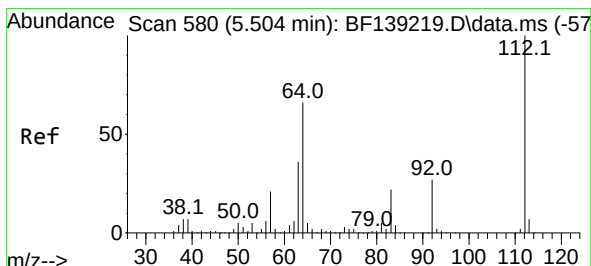
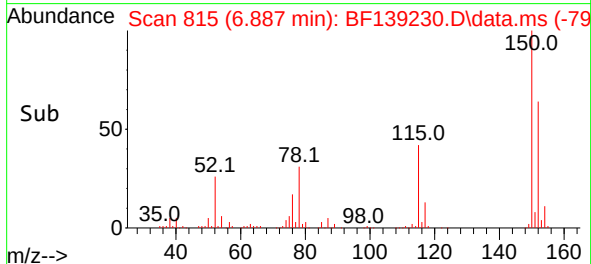
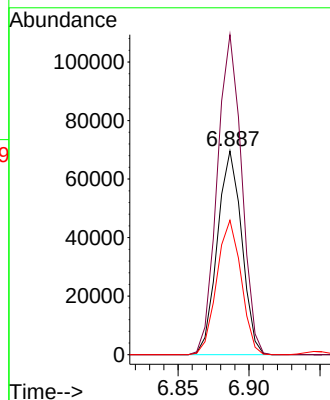
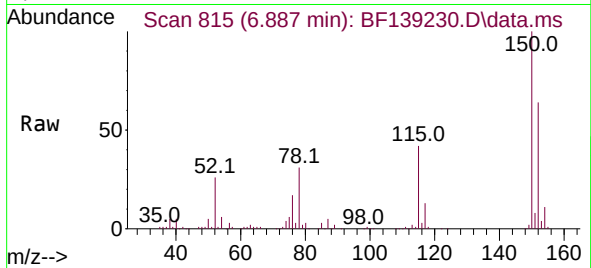




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF139230.D
Acq: 03 Sep 2024 12:27

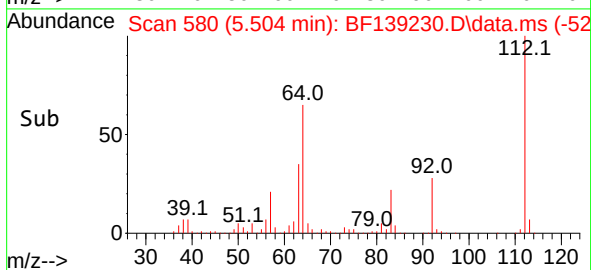
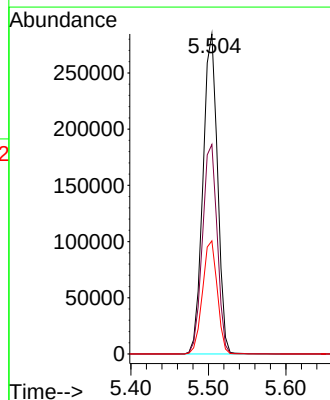
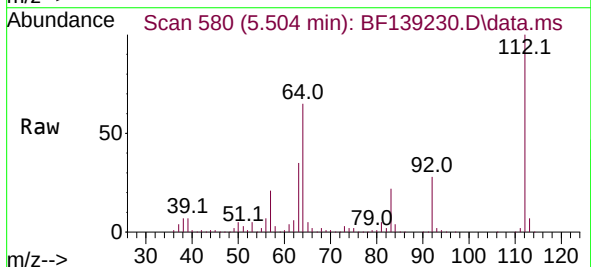
Instrument :
BNA_F
ClientSampleId :
WELL-1

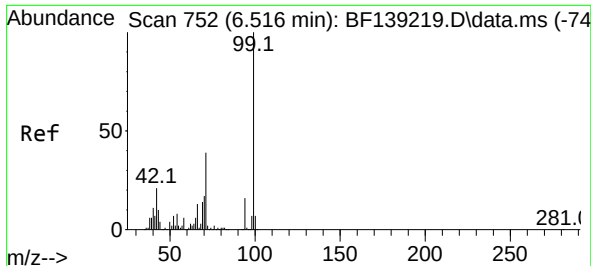
Tgt Ion:152 Resp: 82950
Ion Ratio Lower Upper
152 100
150 157.1 125.6 188.4
115 66.0 54.2 81.4



#5
2-Fluorophenol
Concen: 71.826 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.000 min
Lab File: BF139230.D
Acq: 03 Sep 2024 12:27

Tgt Ion:112 Resp: 371663
Ion Ratio Lower Upper
112 100
64 65.4 52.5 78.7
63 35.4 28.5 42.7

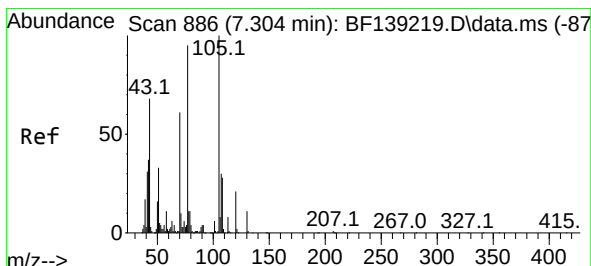
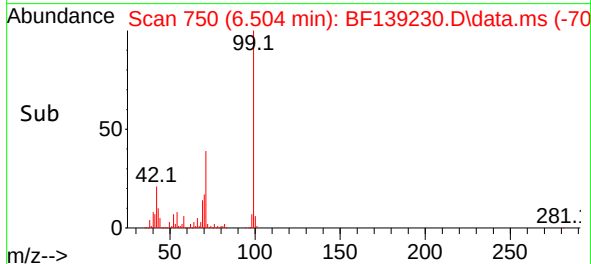
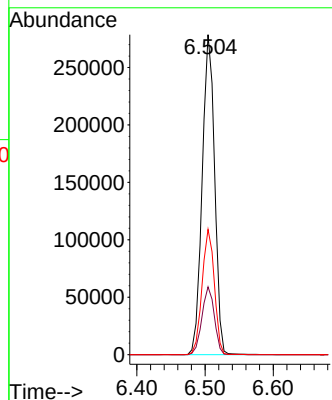
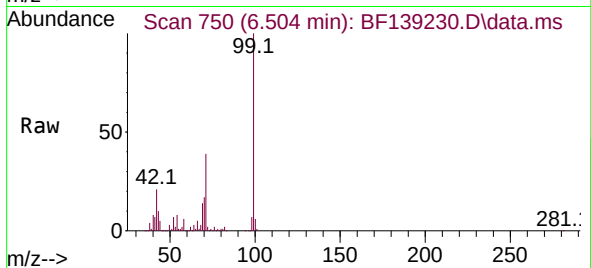




#7
Phenol-d6
Concen: 51.552 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF139230.D
Acq: 03 Sep 2024 12:27

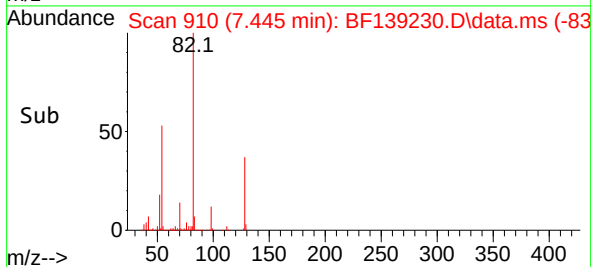
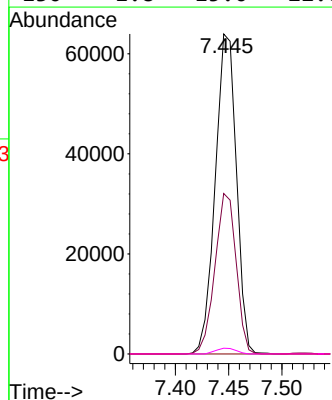
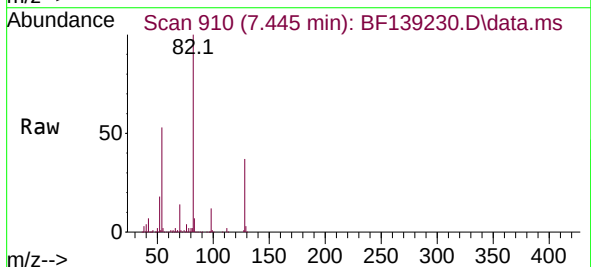
Instrument :
BNA_F
ClientSampleId :
WELL-1

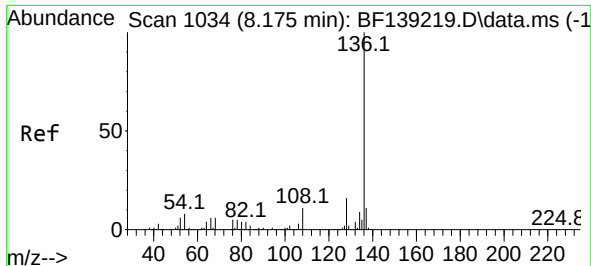
Tgt Ion: 99 Resp: 353867
Ion Ratio Lower Upper
99 100
42 21.2 16.8 25.2
71 39.2 31.3 46.9



#19
n-Nitroso-di-n-propylamine
Concen: 20.660 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139230.D
Acq: 03 Sep 2024 12:27

Tgt Ion: 70 Resp: 88240
Ion Ratio Lower Upper
70 100
42 50.2 49.0 73.4
101 0.0 7.6 11.4#
130 1.8 15.0 22.6#



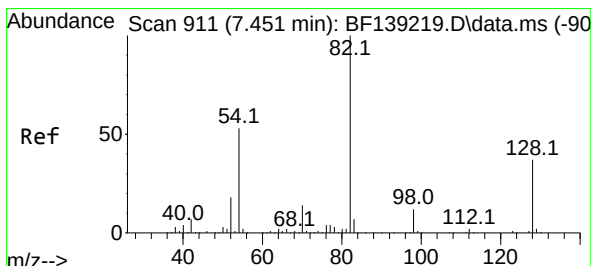
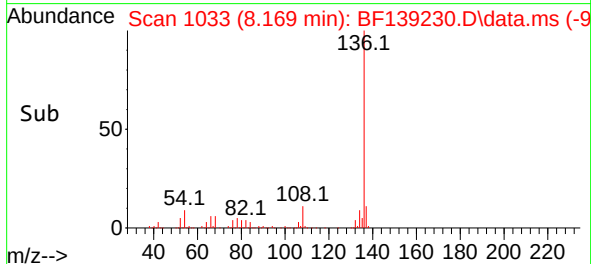
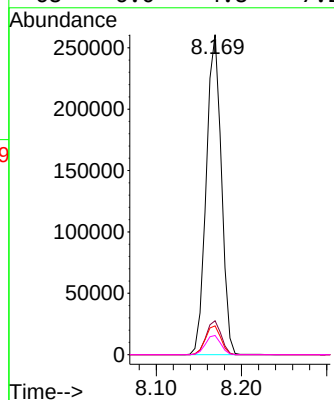
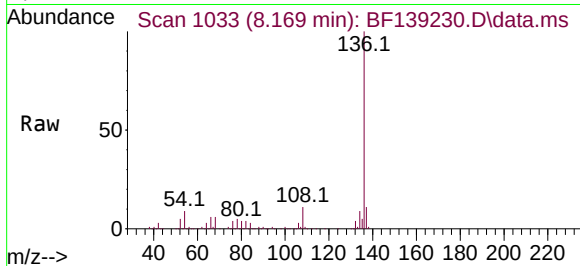


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139230.D
Acq: 03 Sep 2024 12:27

Instrument :
BNA_F
ClientSampleId :
WELL-1

Tgt Ion:136 Resp: 320814

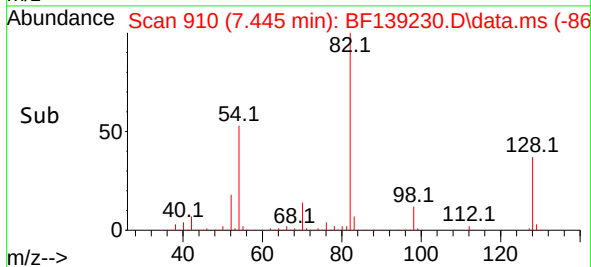
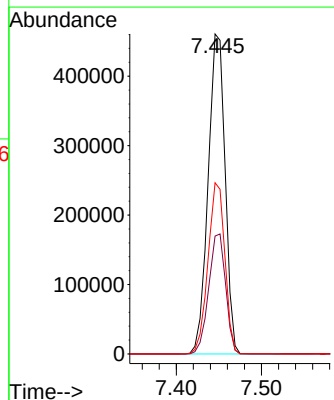
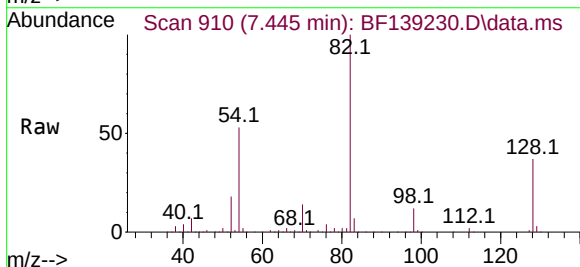
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	9.0	6.9	10.3
68	6.0	4.8	7.2

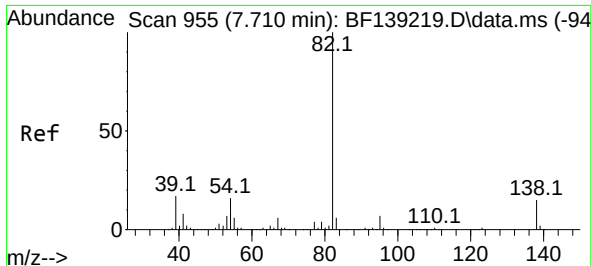


#23
Nitrobenzene-d5
Concen: 95.873 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139230.D
Acq: 03 Sep 2024 12:27

Tgt Ion: 82 Resp: 639843

Ion	Ratio	Lower	Upper
82	100		
128	36.9	29.4	44.2
54	53.5	42.4	63.6

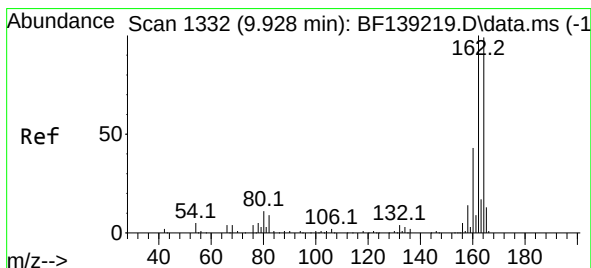
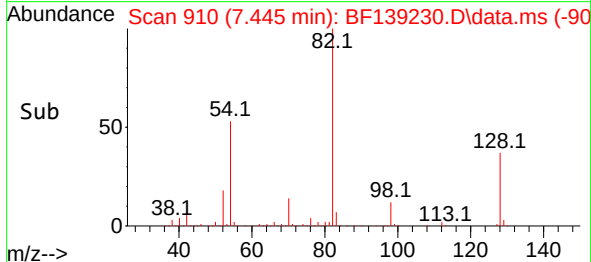
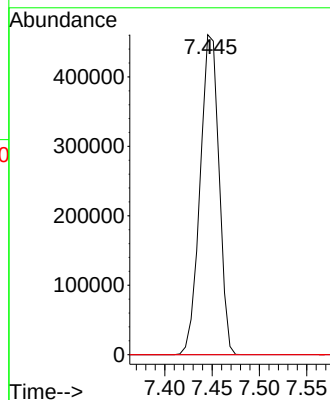
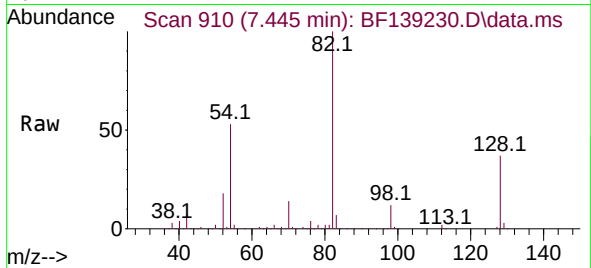




#25
Isophorone
Concen: 55.183 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF139230.D
Acq: 03 Sep 2024 12:27

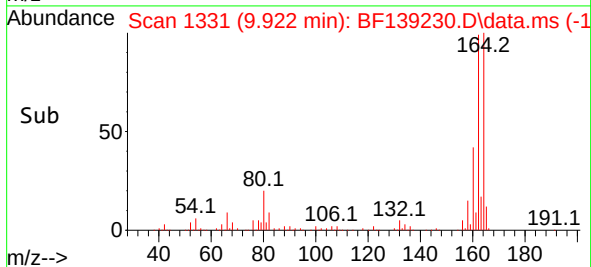
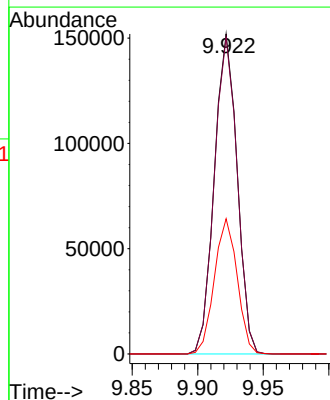
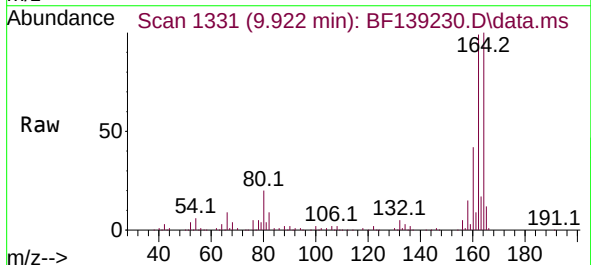
Instrument :
BNA_F
ClientSampleId :
WELL-1

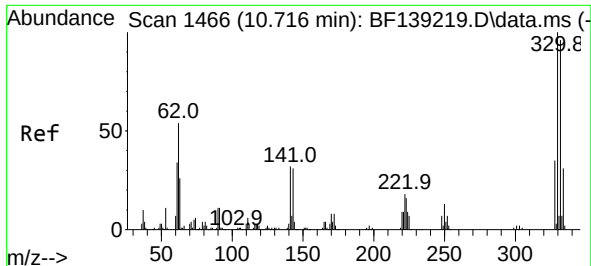
Tgt Ion: 82 Resp: 638286
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF139230.D
Acq: 03 Sep 2024 12:27

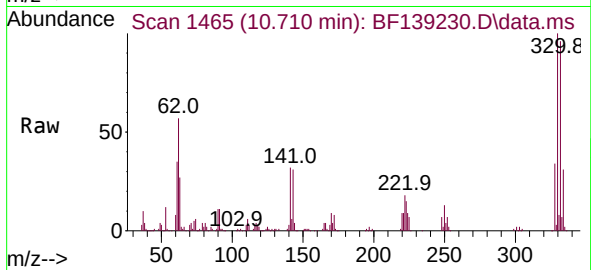
Tgt Ion:164 Resp: 183334
Ion Ratio Lower Upper
164 100
162 98.9 80.8 121.2
160 42.2 34.4 51.6



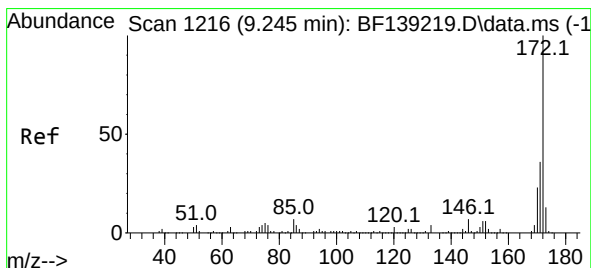
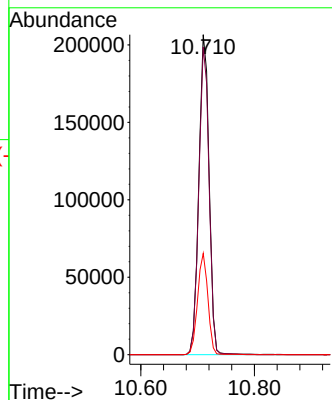
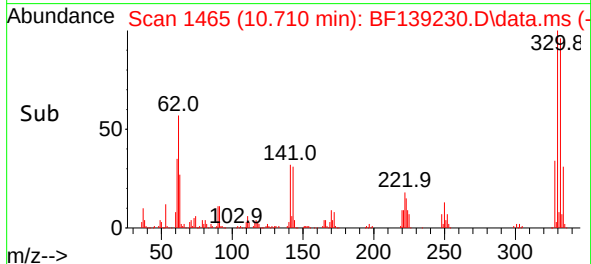


#42
2,4,6-Tribromophenol
Concen: 141.779 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139230.D
Acq: 03 Sep 2024 12:27

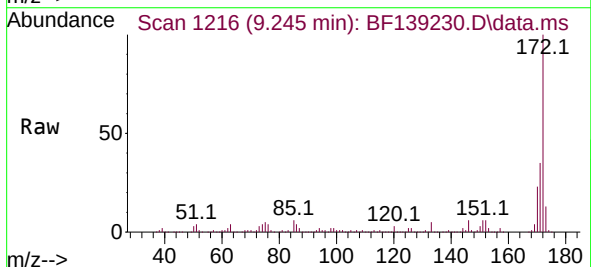
Instrument :
BNA_F
ClientSampleId :
WELL-1



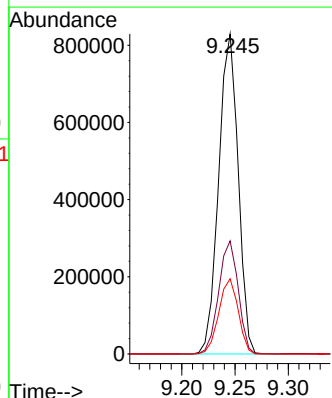
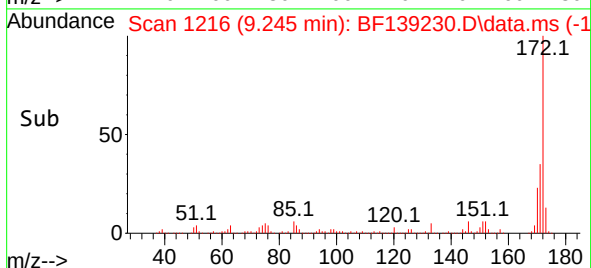
Tgt Ion:330 Resp: 260731
Ion Ratio Lower Upper
330 100
332 96.1 76.6 114.8
141 31.8 26.9 40.3

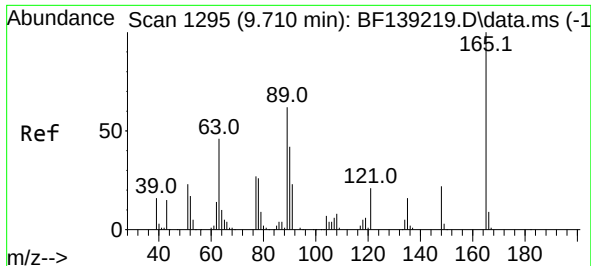


#45
2-Fluorobiphenyl
Concen: 89.488 ng
RT: 9.245 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF139230.D
Acq: 03 Sep 2024 12:27



Tgt Ion:172 Resp: 1053677
Ion Ratio Lower Upper
172 100
171 35.4 28.7 43.1
170 23.5 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 9.262 ng

RT: 9.922 min Scan# 1331

Delta R.T. 0.212 min

Lab File: BF139230.D

Acq: 03 Sep 2024 12:27

Instrument :

BNA_F

ClientSampleId :

WELL-1

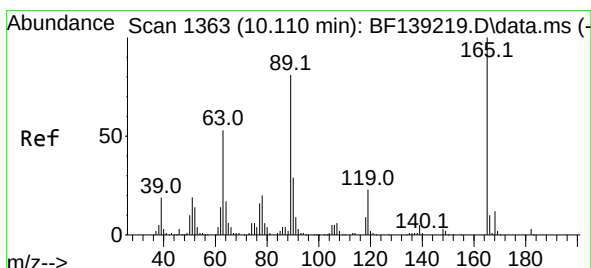
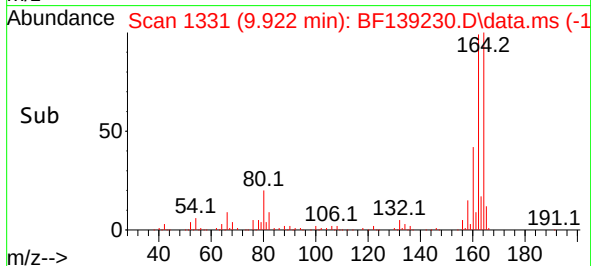
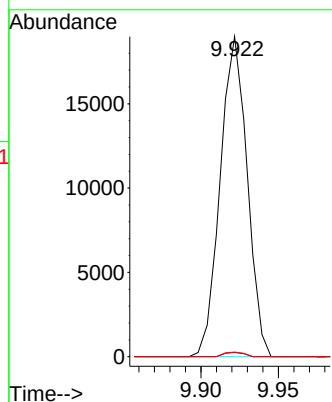
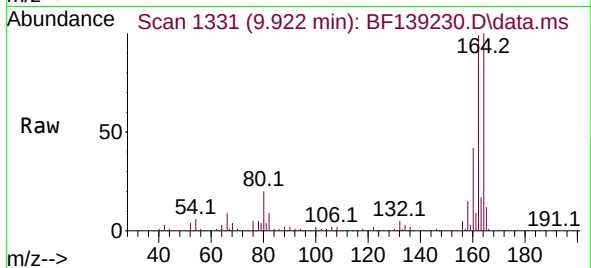
Tgt Ion:165 Resp: 22980

Ion Ratio Lower Upper

165 100

63 1.3 52.1 78.1#

89 1.4 49.7 74.5#



#57

2,4-Dinitrotoluene

Concen: 7.353 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.188 min

Lab File: BF139230.D

Acq: 03 Sep 2024 12:27

Tgt Ion:165 Resp: 22980

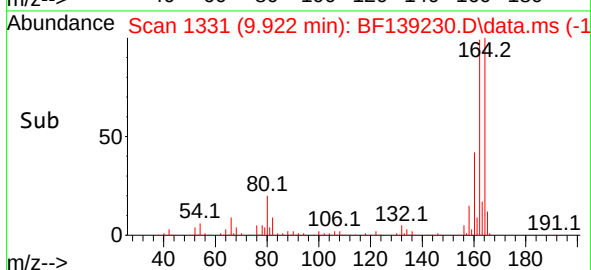
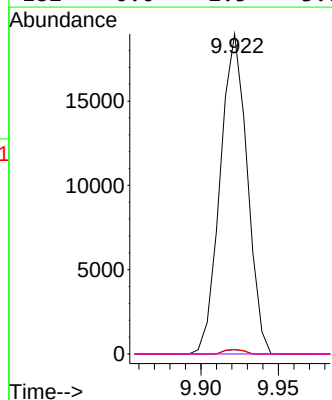
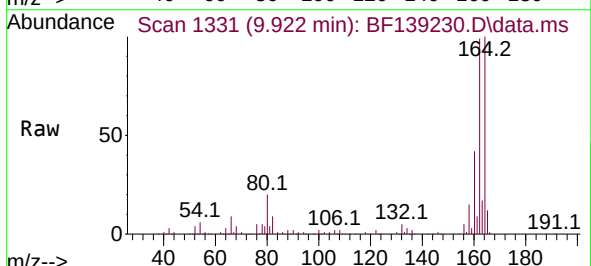
Ion Ratio Lower Upper

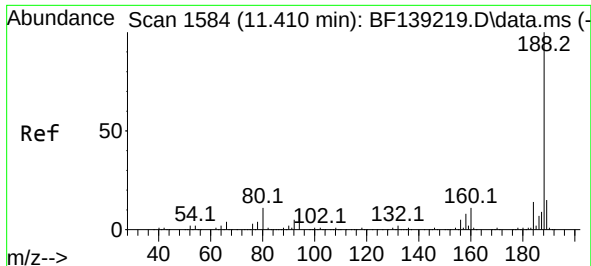
165 100

63 1.3 42.2 63.4#

89 1.4 64.7 97.1#

182 0.0 2.5 3.7#

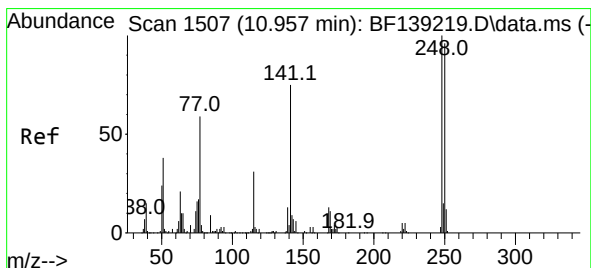
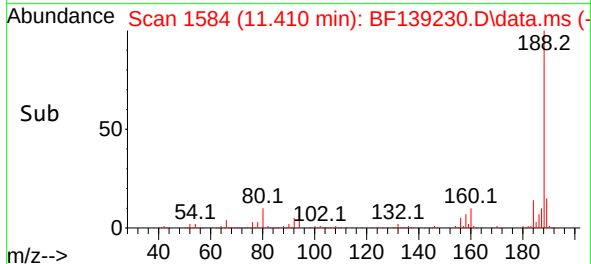
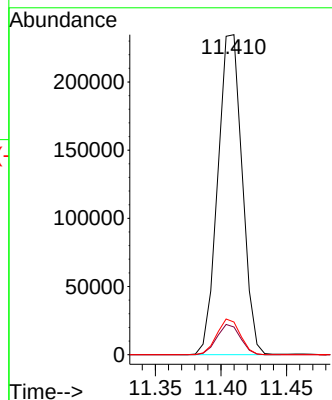
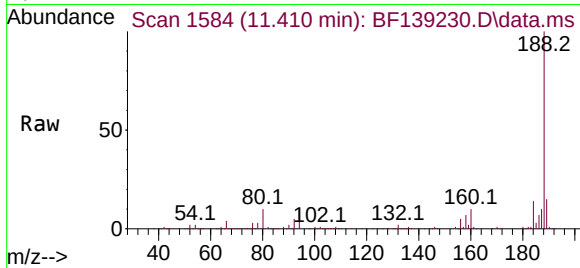




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139230.D
Acq: 03 Sep 2024 12:27

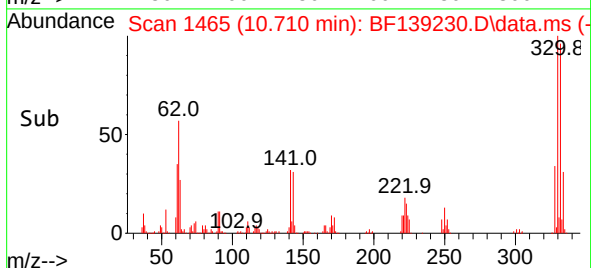
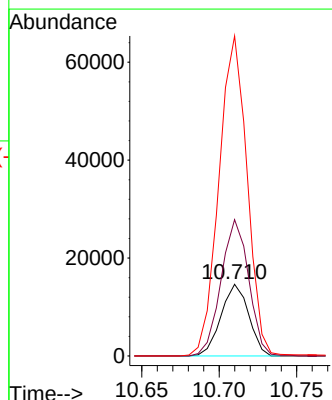
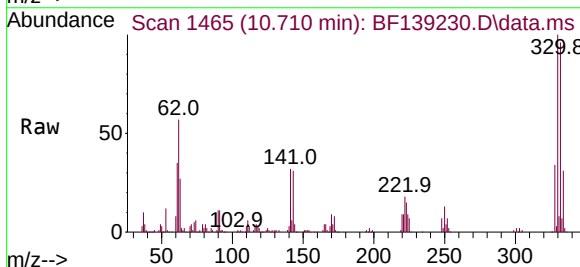
Instrument :
BNA_F
ClientSampleId :
WELL-1

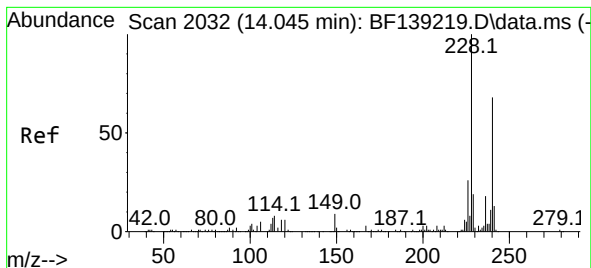
Tgt Ion:188 Resp: 303042
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 10.2 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 5.528 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF139230.D
Acq: 03 Sep 2024 12:27

Tgt Ion:248 Resp: 18207
Ion Ratio Lower Upper
248 100
250 190.1 77.1 115.7#
141 446.3 60.0 90.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF139230.D

Acq: 03 Sep 2024 12:27

Instrument :

BNA_F

ClientSampleId :

WELL-1

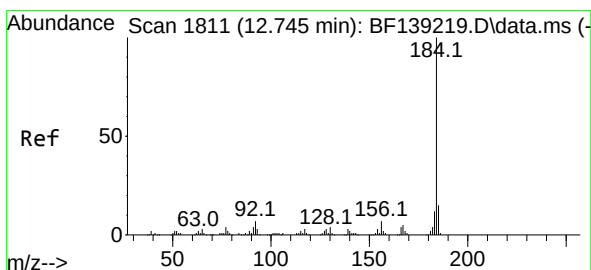
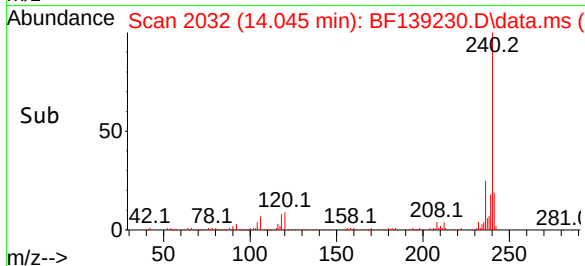
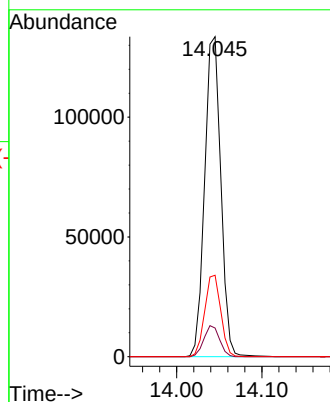
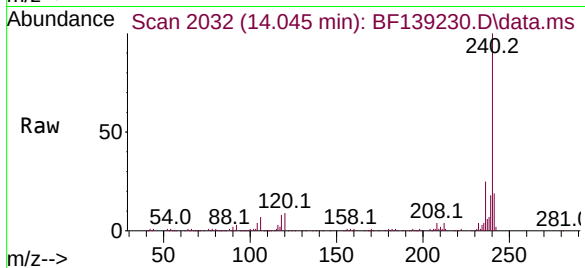
Tgt Ion:240 Resp: 176219

Ion Ratio Lower Upper

240 100

120 9.0 7.4 11.2

236 25.5 20.9 31.3



#77

Benzidine

Concen: 3.437 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.247 min

Lab File: BF139230.D

Acq: 03 Sep 2024 12:27

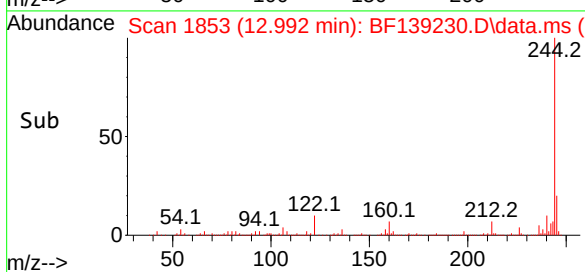
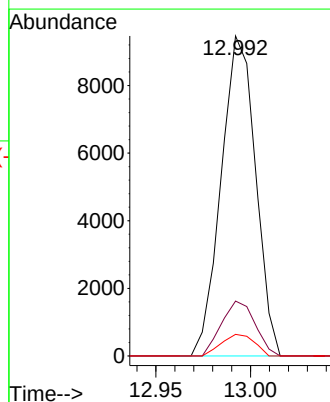
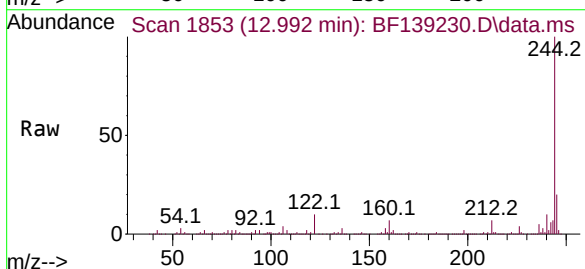
Tgt Ion:184 Resp: 11971

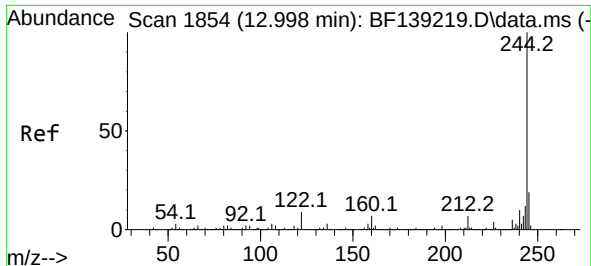
Ion Ratio Lower Upper

184 100

185 17.2 12.0 18.0

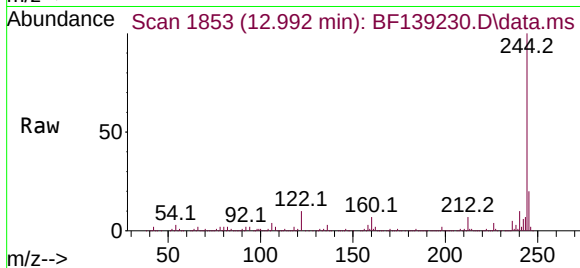
183 6.7 9.5 14.3#



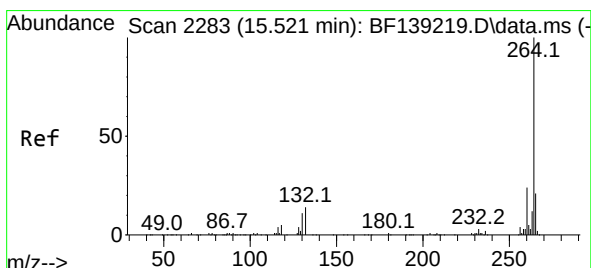
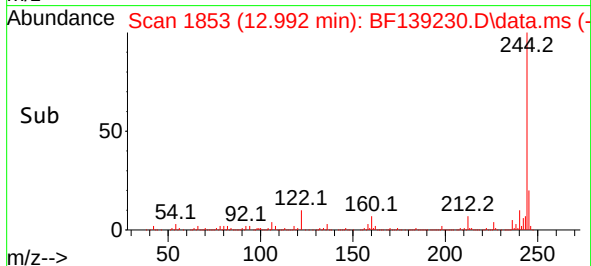
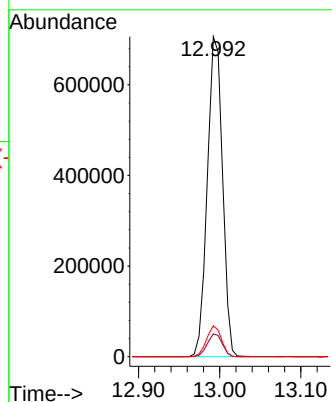


#79
 Terphenyl-d14
 Concen: 74.952 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF139230.D
 Acq: 03 Sep 2024 12:27

Instrument :
 BNA_F
 ClientSampleId :
 WELL-1



Tgt Ion:244 Resp: 916299
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 9.7 7.4 11.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2282
 Delta R.T. -0.006 min
 Lab File: BF139230.D
 Acq: 03 Sep 2024 12:27

Tgt Ion:264 Resp: 203328
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.8 28.2
 265 20.7 16.9 25.3

