

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090324\
 Data File : BF139232.D
 Acq On : 03 Sep 2024 13:25
 Operator : RC/JU
 Sample : P3799-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WELL-4

Quant Time: Sep 04 01:56:48 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)

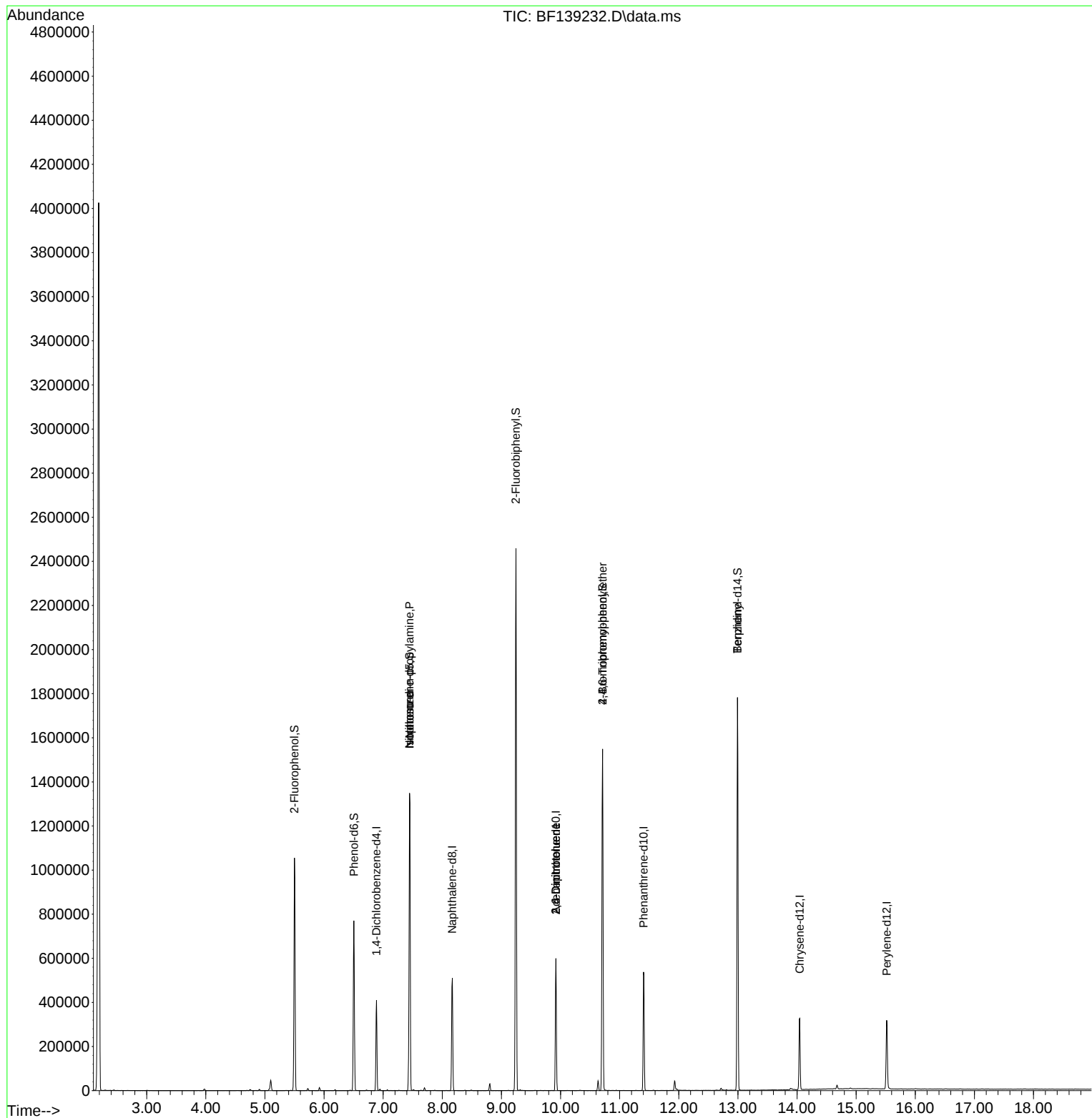
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	78736	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	298298	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	169220	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	278175	20.000	ng	0.00
76) Chrysene-d12	14.045	240	154456	20.000	ng	0.00
86) Perylene-d12	15.516	264	179337	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	359443	73.182	ng	0.00
7) Phenol-d6	6.504	99	328955	50.488	ng	-0.01
23) Nitrobenzene-d5	7.445	82	643305	103.668	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	251789	148.336	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1034861	95.220	ng	0.00
79) Terphenyl-d14	12.992	244	850694	79.390	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	88290	21.778	ng	# 78
25) Isophorone	7.445	82	641815	59.677	ng	# 68
51) 2,6-Dinitrotoluene	9.922	165	21680	9.467	ng	# 20
57) 2,4-Dinitrotoluene	9.922	165	21680	7.515	ng	# 19
67) 4-Bromophenyl-phenylether	10.710	248	17248	5.705	ng	# 1
77) Benzidine	12.992	184	11313	3.706	ng	# 92

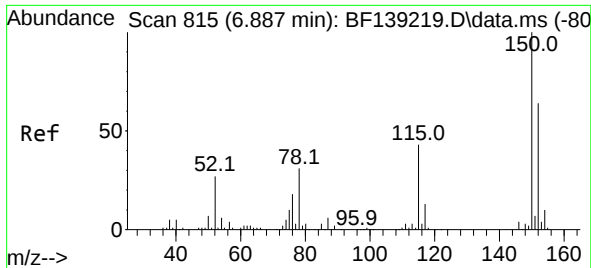
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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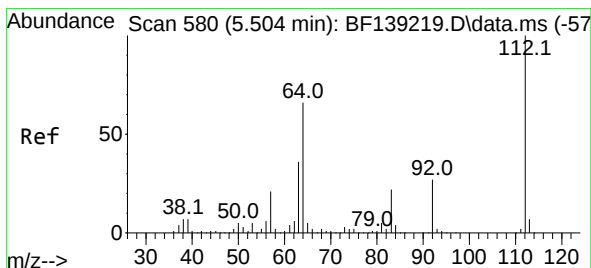
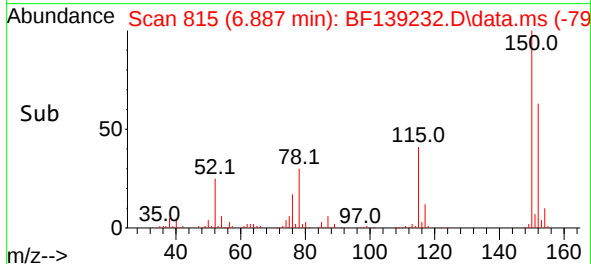
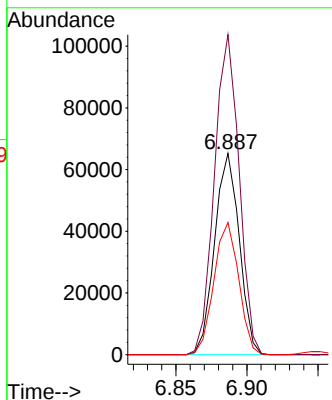
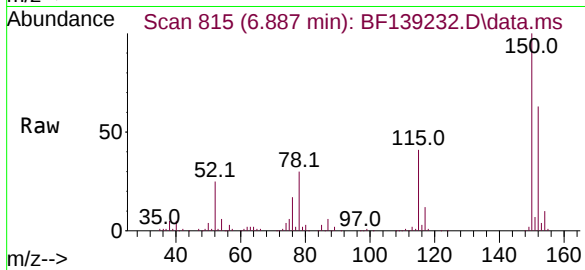




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF139232.D
Acq: 03 Sep 2024 13:25

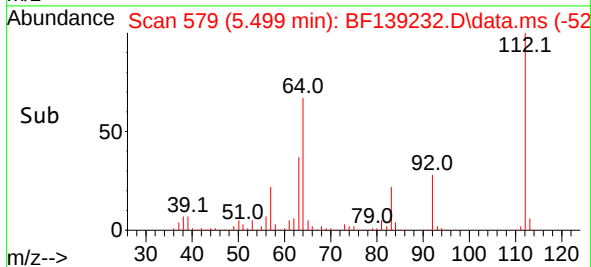
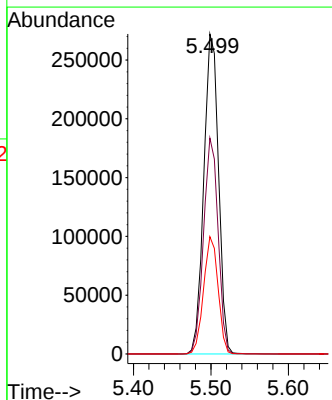
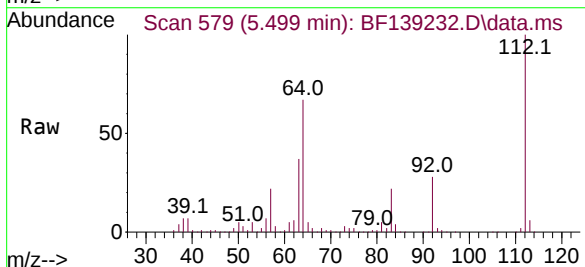
Instrument :
BNA_F
ClientSampleId :
WELL-4

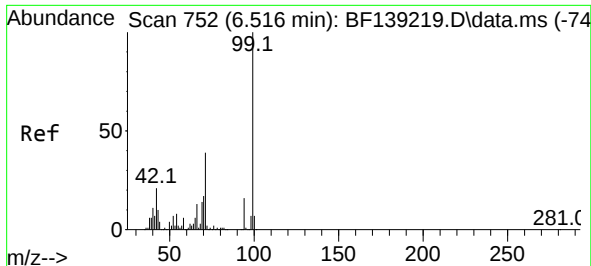
Tgt Ion:152 Resp: 78736
Ion Ratio Lower Upper
152 100
150 159.0 125.6 188.4
115 65.6 54.2 81.4



#5
2-Fluorophenol
Concen: 73.182 ng
RT: 5.499 min Scan# 579
Delta R.T. -0.006 min
Lab File: BF139232.D
Acq: 03 Sep 2024 13:25

Tgt Ion:112 Resp: 359443
Ion Ratio Lower Upper
112 100
64 67.5 52.5 78.7
63 36.7 28.5 42.7

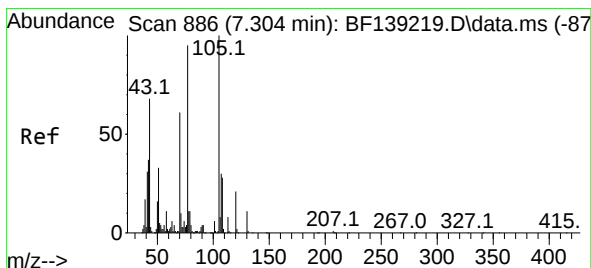
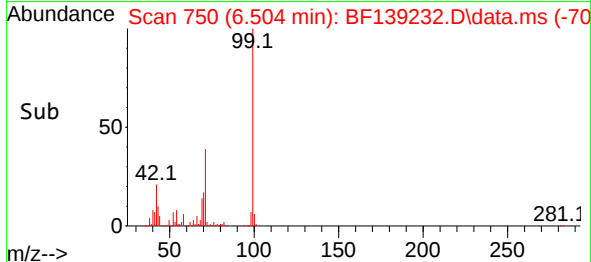
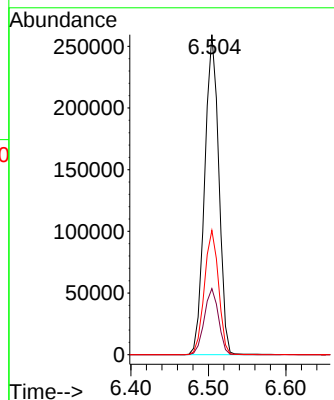
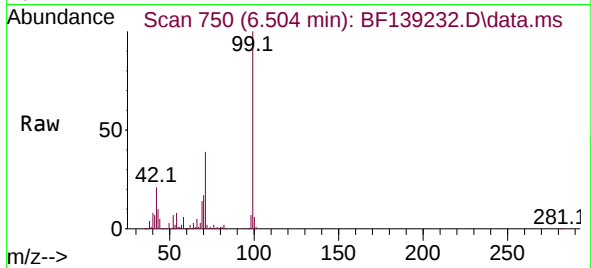




#7
Phenol-d6
Concen: 50.488 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF139232.D
Acq: 03 Sep 2024 13:25

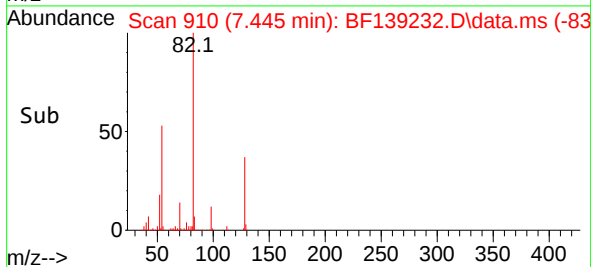
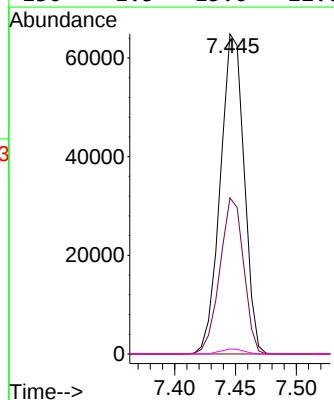
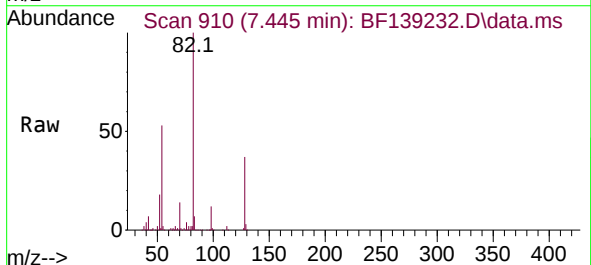
Instrument :
BNA_F
ClientSampleId :
WELL-4

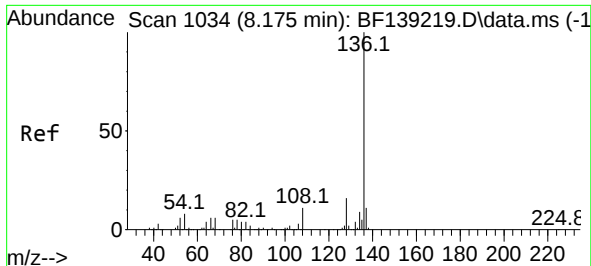
Tgt Ion: 99 Resp: 328955
Ion Ratio Lower Upper
99 100
42 20.7 16.8 25.2
71 38.9 31.3 46.9



#19
n-Nitroso-di-n-propylamine
Concen: 21.778 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139232.D
Acq: 03 Sep 2024 13:25

Tgt Ion: 70 Resp: 88290
Ion Ratio Lower Upper
70 100
42 48.8 49.0 73.4#
101 0.0 7.6 11.4#
130 1.5 15.0 22.6#



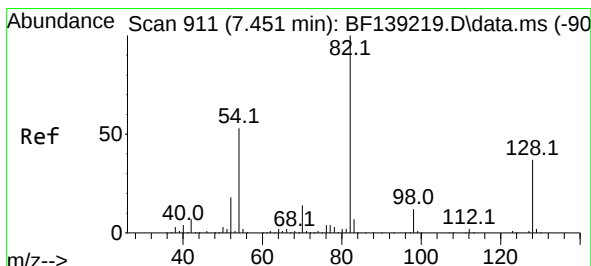
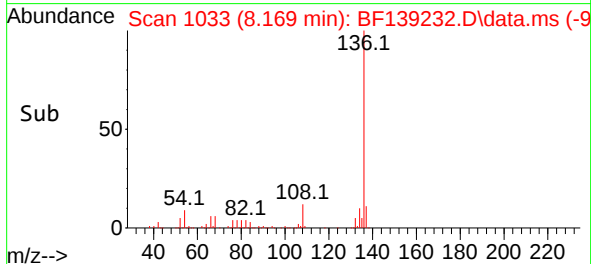
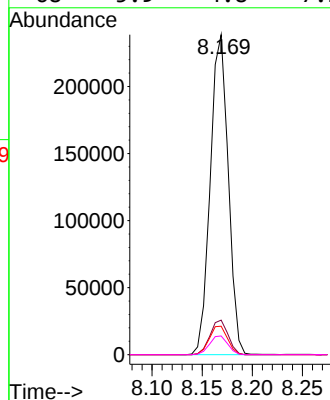
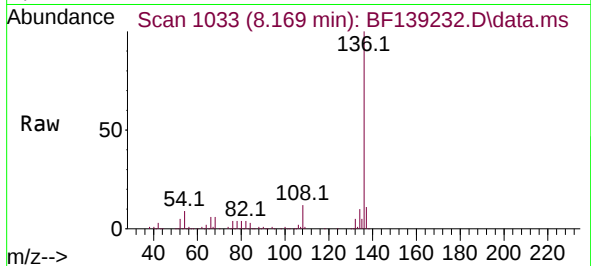


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139232.D
Acq: 03 Sep 2024 13:25

Instrument :
BNA_F
ClientSampleId :
WELL-4

Tgt Ion:136 Resp: 298298

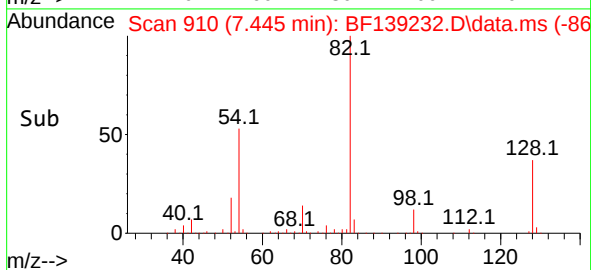
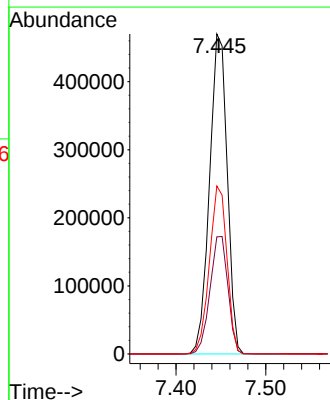
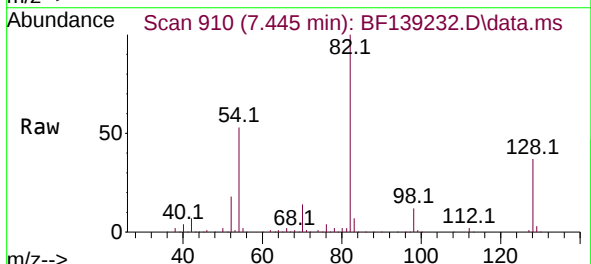
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	8.9	6.9	10.3
68	5.9	4.8	7.2

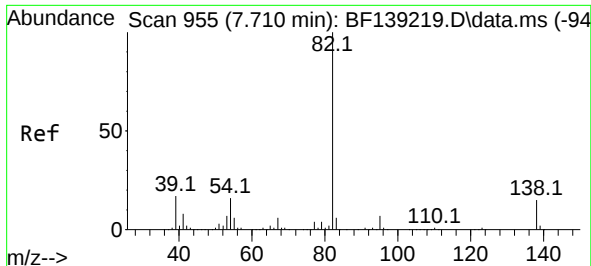


#23
Nitrobenzene-d5
Concen: 103.668 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139232.D
Acq: 03 Sep 2024 13:25

Tgt Ion: 82 Resp: 643305

Ion	Ratio	Lower	Upper
82	100		
128	36.6	29.4	44.2
54	52.5	42.4	63.6

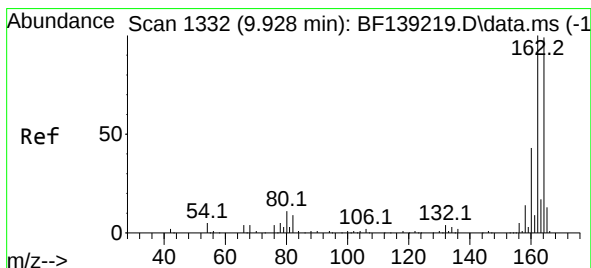
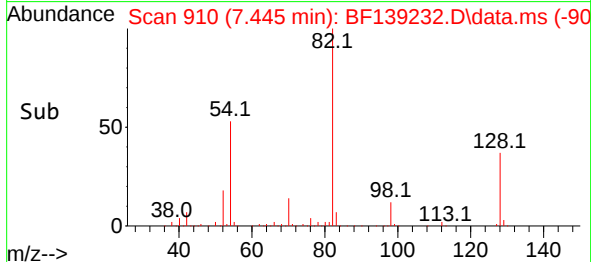
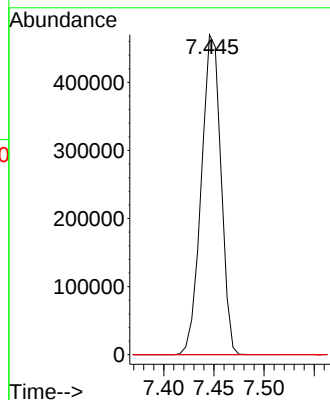
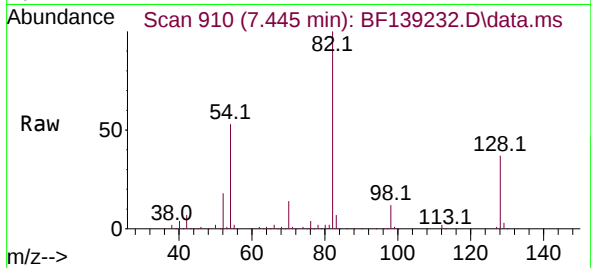




#25
Isophorone
Concen: 59.677 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF139232.D
Acq: 03 Sep 2024 13:25

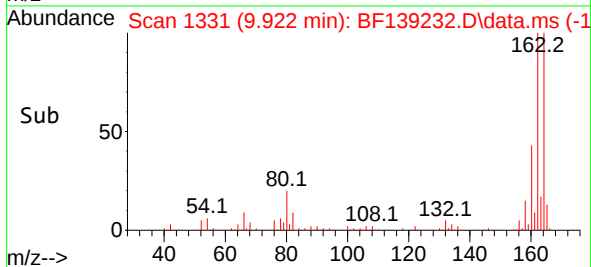
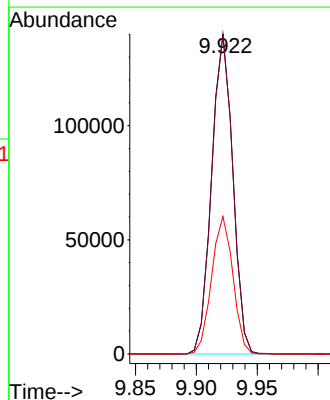
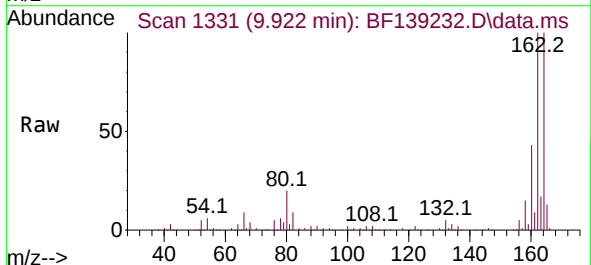
Instrument :
BNA_F
ClientSampleId :
WELL-4

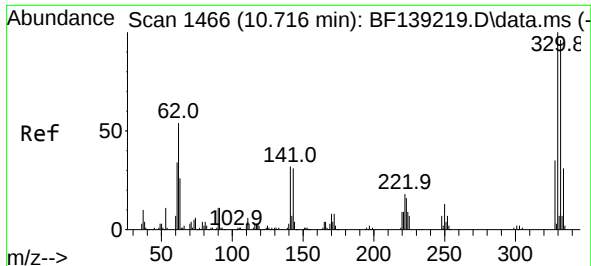
Tgt Ion: 82 Resp: 641815
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF139232.D
Acq: 03 Sep 2024 13:25

Tgt Ion:164 Resp: 169220
Ion Ratio Lower Upper
164 100
162 99.5 80.8 121.2
160 43.0 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 148.336 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF139232.D

Acq: 03 Sep 2024 13:25

Instrument :

BNA_F

ClientSampleId :

WELL-4

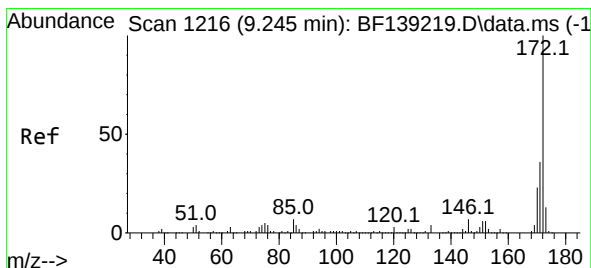
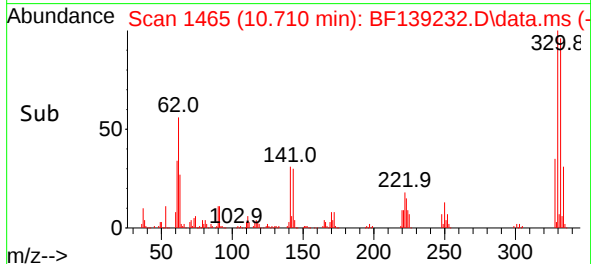
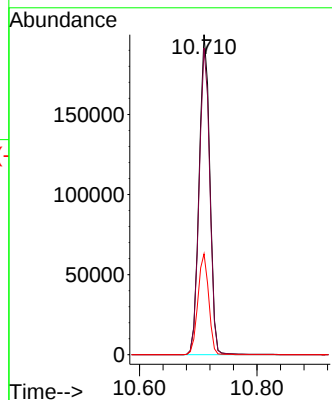
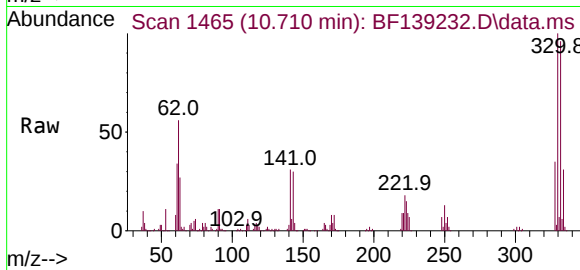
Tgt Ion:330 Resp: 251789

Ion Ratio Lower Upper

330 100

332 95.7 76.6 114.8

141 31.7 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 95.220 ng

RT: 9.245 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF139232.D

Acq: 03 Sep 2024 13:25

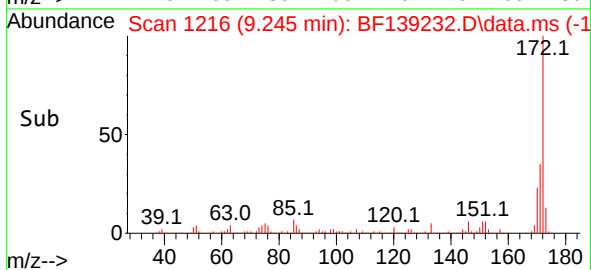
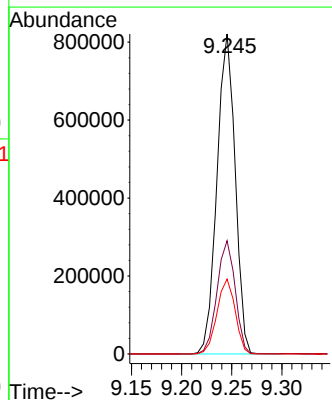
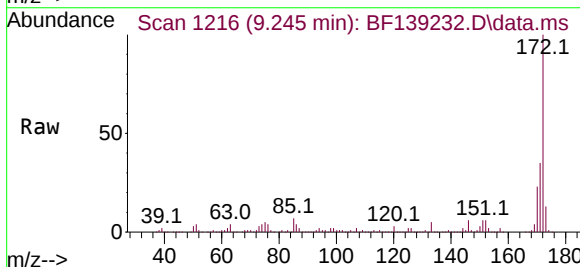
Tgt Ion:172 Resp: 1034861

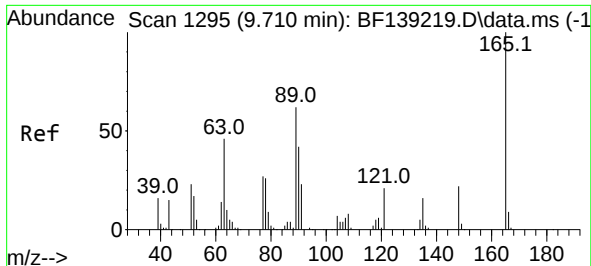
Ion Ratio Lower Upper

172 100

171 35.4 28.7 43.1

170 23.4 18.7 28.1

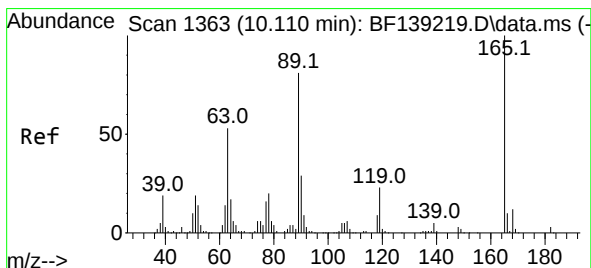
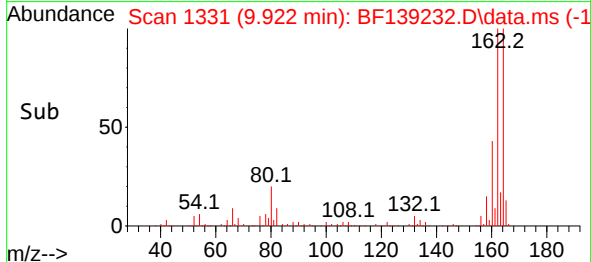
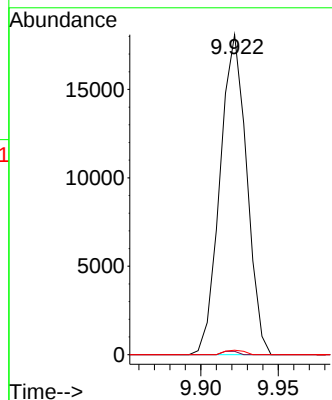
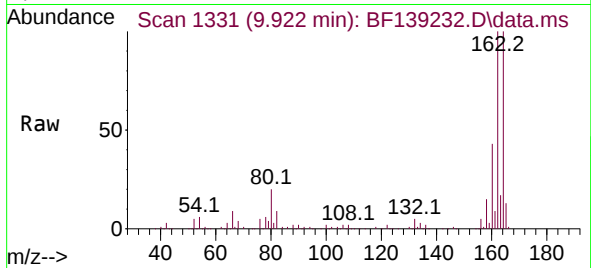




#51
2,6-Dinitrotoluene
Concen: 9.467 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF139232.D
Acq: 03 Sep 2024 13:25

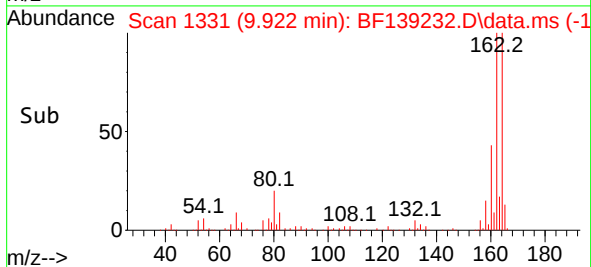
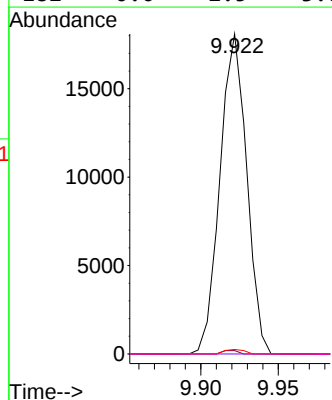
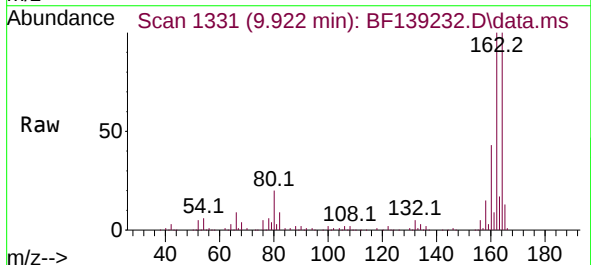
Instrument :
BNA_F
ClientSampleId :
WELL-4

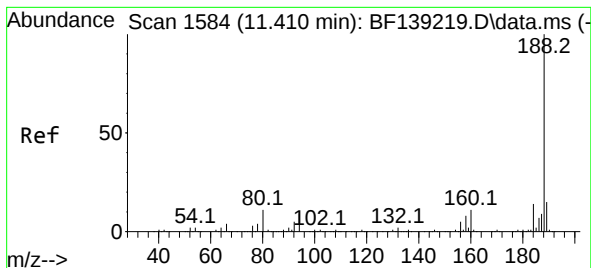
Tgt Ion:165 Resp: 21680
Ion Ratio Lower Upper
165 100
63 1.1 52.1 78.1#
89 1.4 49.7 74.5#



#57
2,4-Dinitrotoluene
Concen: 7.515 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139232.D
Acq: 03 Sep 2024 13:25

Tgt Ion:165 Resp: 21680
Ion Ratio Lower Upper
165 100
63 1.1 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: 11.404 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139232.D

Acq: 03 Sep 2024 13:25

Instrument :

BNA_F

ClientSampleId :

WELL-4

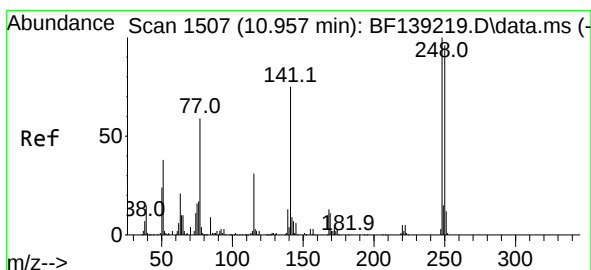
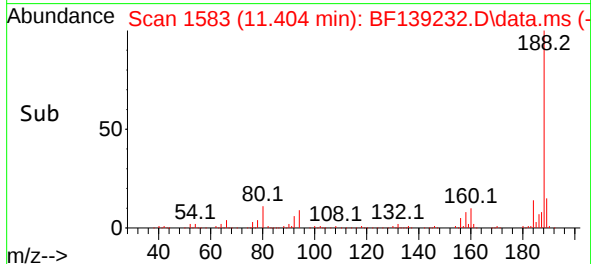
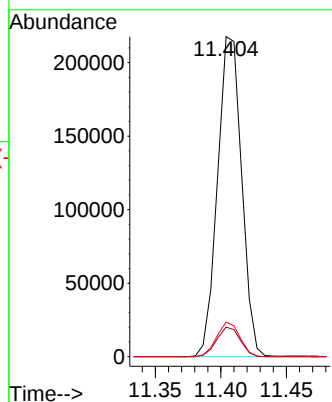
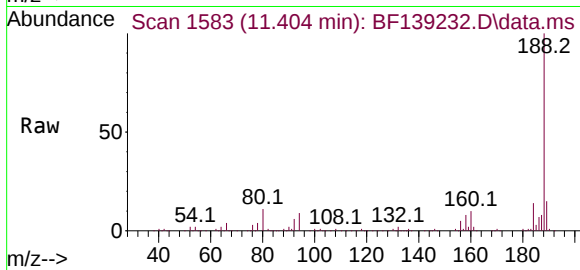
Tgt Ion:188 Resp: 278175

Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

80 10.8 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 5.705 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.247 min

Lab File: BF139232.D

Acq: 03 Sep 2024 13:25

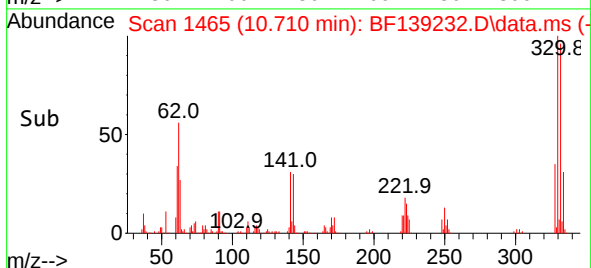
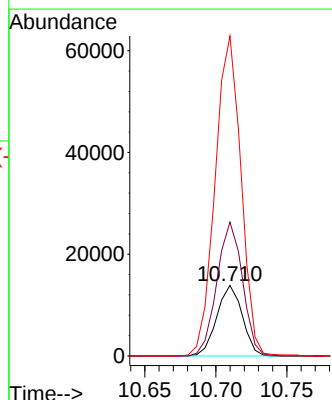
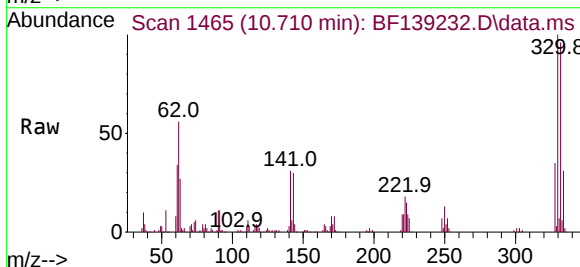
Tgt Ion:248 Resp: 17248

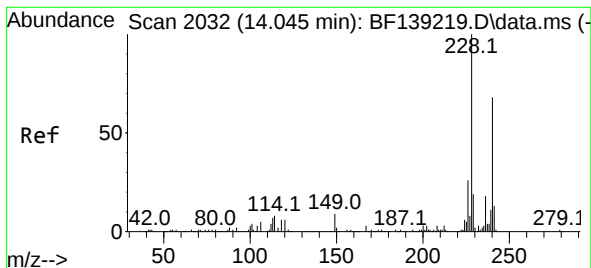
Ion Ratio Lower Upper

248 100

250 189.9 77.1 115.7#

141 453.9 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: BF139232.D

Acq: 03 Sep 2024 13:25

Instrument :

BNA_F

ClientSampleId :

WELL-4

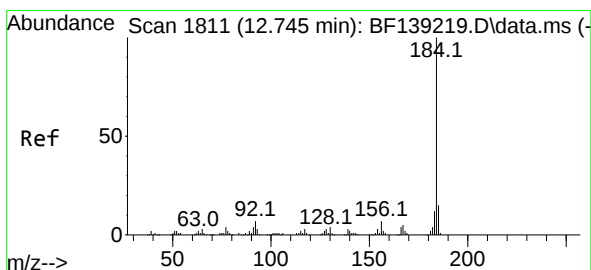
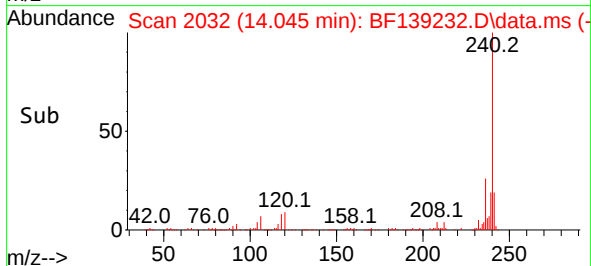
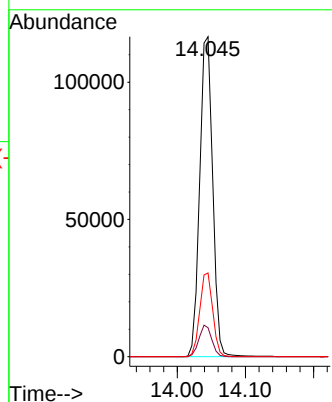
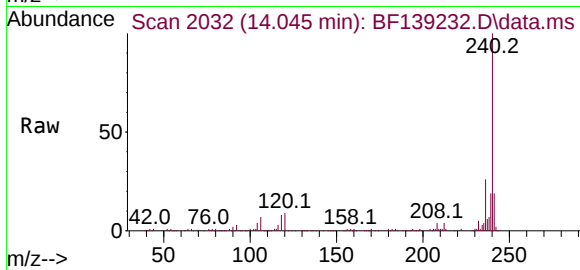
Tgt Ion:240 Resp: 154456

Ion Ratio Lower Upper

240 100

120 9.1 7.4 11.2

236 26.1 20.9 31.3



#77

Benzdine

Concen: 3.706 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.247 min

Lab File: BF139232.D

Acq: 03 Sep 2024 13:25

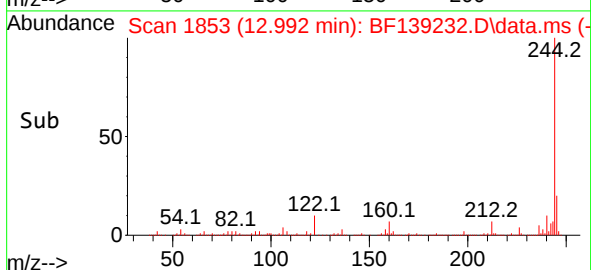
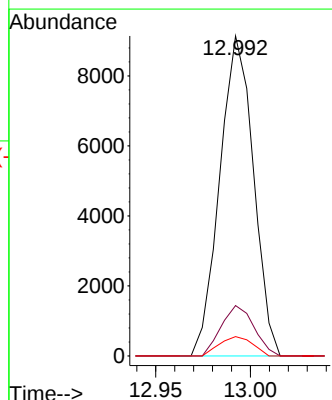
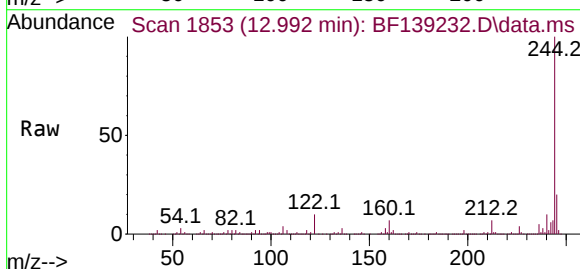
Tgt Ion:184 Resp: 11313

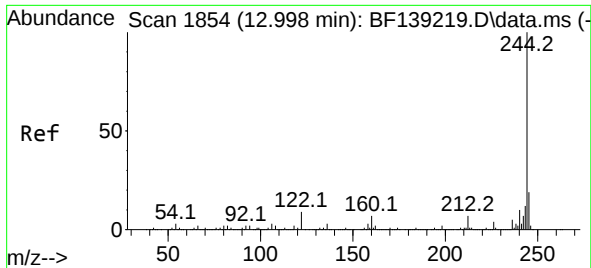
Ion Ratio Lower Upper

184 100

185 15.7 12.0 18.0

183 6.0 9.5 14.3#

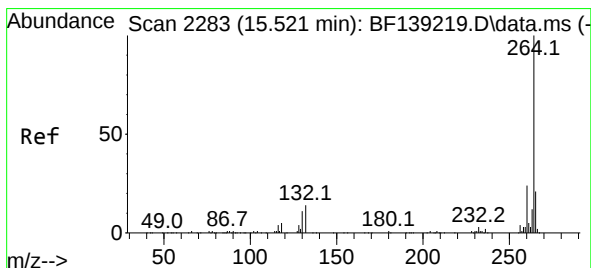
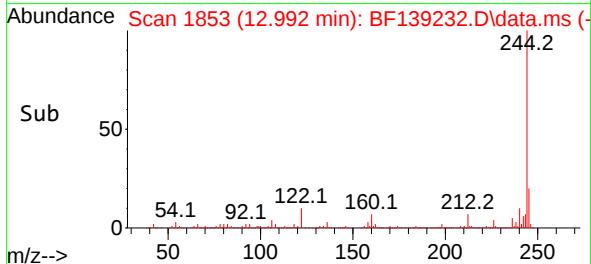
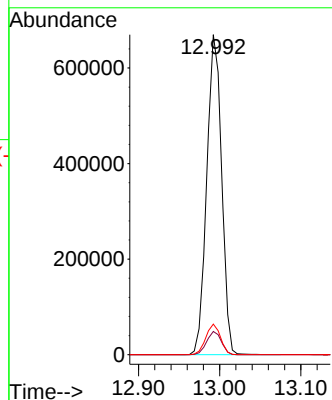
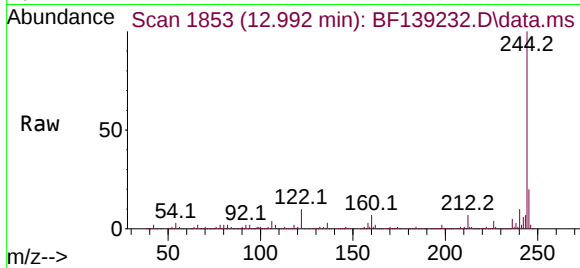




#79
 Terphenyl-d14
 Concen: 79.390 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF139232.D
 Acq: 03 Sep 2024 13:25

Instrument :
 BNA_F
 ClientSampleId :
 WELL-4

Tgt Ion:244 Resp: 850694
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 9.6 7.4 11.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.516 min Scan# 2282
 Delta R.T. -0.006 min
 Lab File: BF139232.D
 Acq: 03 Sep 2024 13:25

Tgt Ion:264 Resp: 179337
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 22.3 16.9 25.3

