

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090324\
 Data File : BF139231.D
 Acq On : 03 Sep 2024 12:56
 Operator : RC/JU
 Sample : P3799-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WELL-2

Quant Time: Sep 04 01:56:32 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)

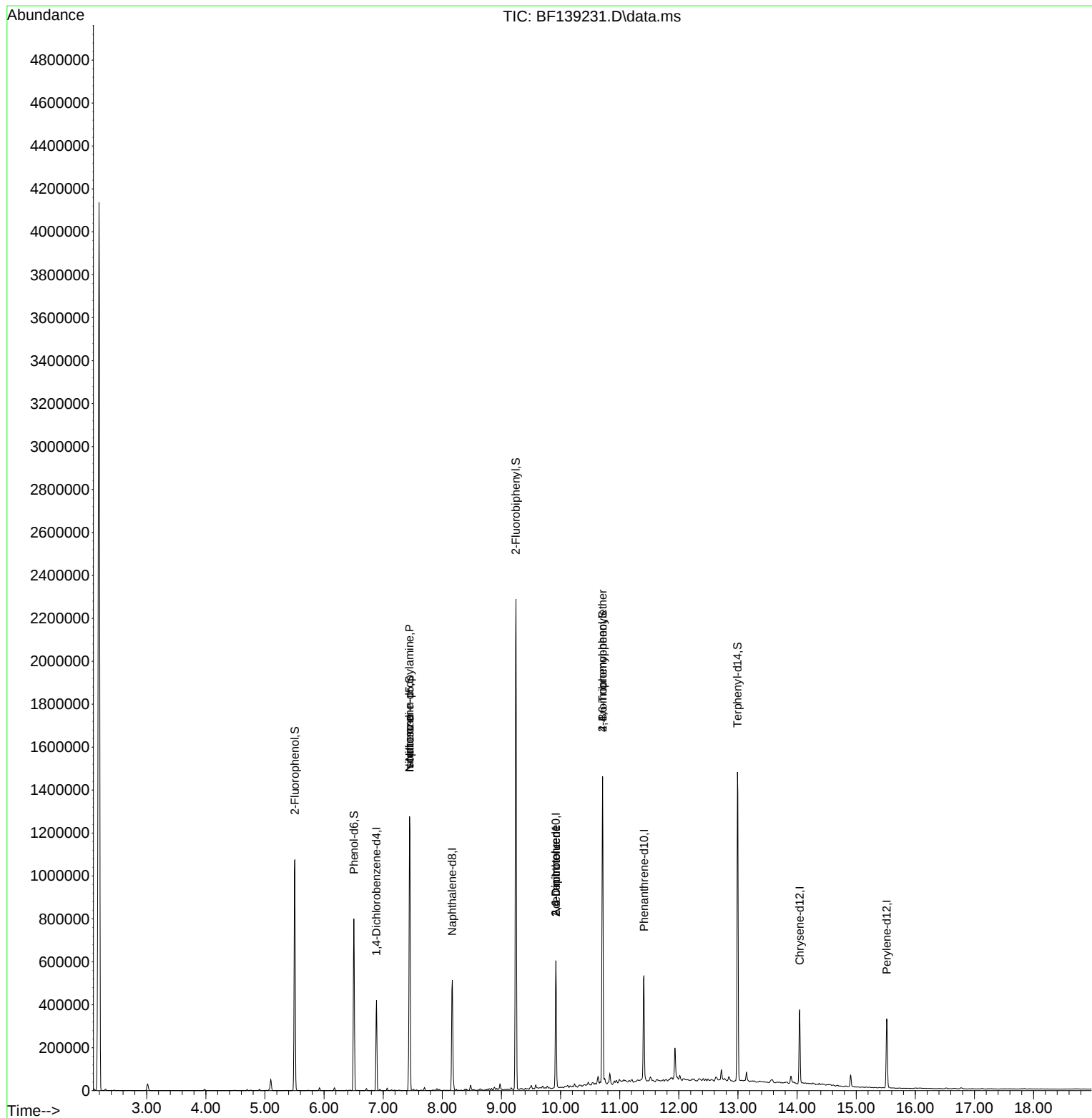
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	80784	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	296610	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	164307	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	254987	20.000	ng	0.00
76) Chrysene-d12	14.045	240	160518	20.000	ng	0.00
86) Perylene-d12	15.515	264	182463	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	368335	73.091	ng	0.00
7) Phenol-d6	6.504	99	336131	50.281	ng	-0.01
23) Nitrobenzene-d5	7.445	82	605996	98.211	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	226970	137.713	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	965813	91.524	ng	0.00
79) Terphenyl-d14	12.992	244	697047	62.595	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	82735	19.890	ng	# 79
25) Isophorone	7.445	82	604294	56.508	ng	# 68
51) 2,6-Dinitrotoluene	9.922	165	21006	9.447	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	21006	7.499	ng	# 20
67) 4-Bromophenyl-phenylether	10.710	248	15290	5.517	ng	# 1

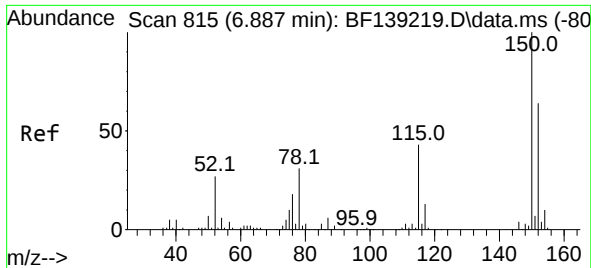
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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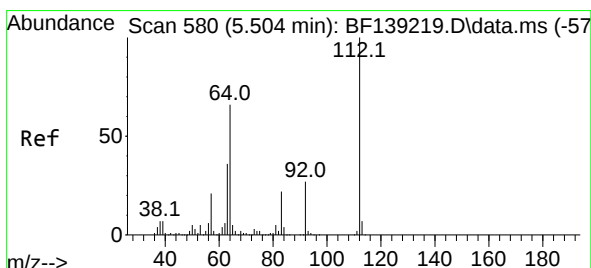
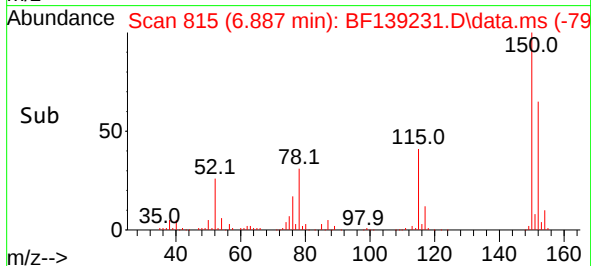
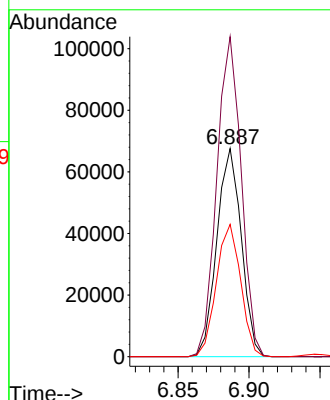
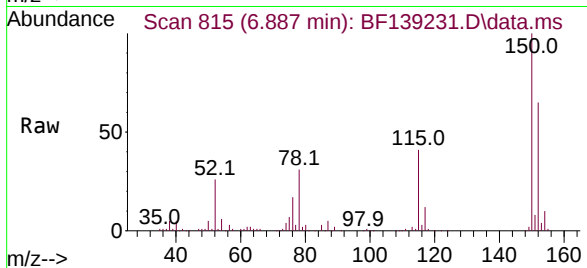




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF139231.D
Acq: 03 Sep 2024 12:56

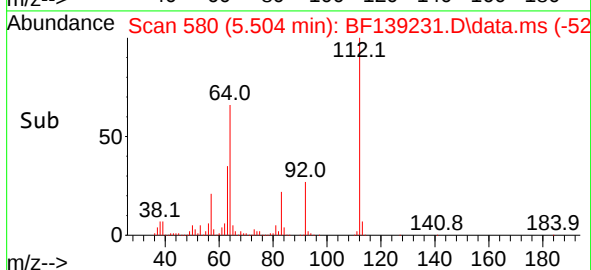
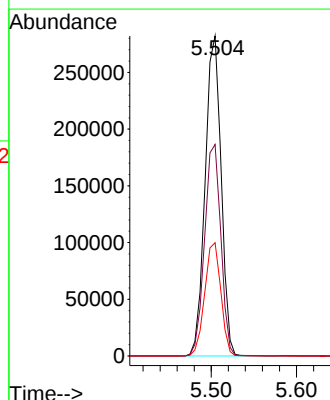
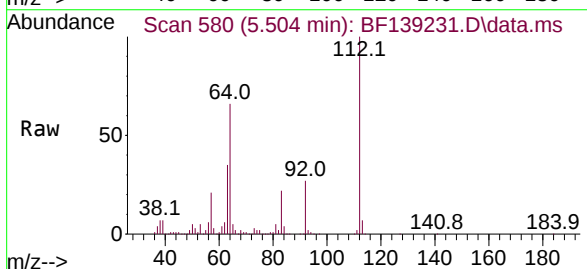
Instrument :
BNA_F
ClientSampleId :
WELL-2

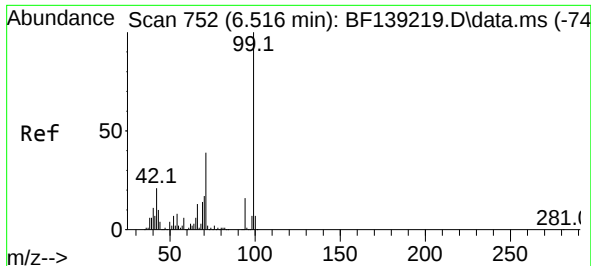
Tgt Ion:152 Resp: 80784
Ion Ratio Lower Upper
152 100
150 153.7 125.6 188.4
115 63.6 54.2 81.4



#5
2-Fluorophenol
Concen: 73.091 ng
RT: 5.504 min Scan# 580
Delta R.T. -0.000 min
Lab File: BF139231.D
Acq: 03 Sep 2024 12:56

Tgt Ion:112 Resp: 368335
Ion Ratio Lower Upper
112 100
64 66.1 52.5 78.7
63 35.4 28.5 42.7

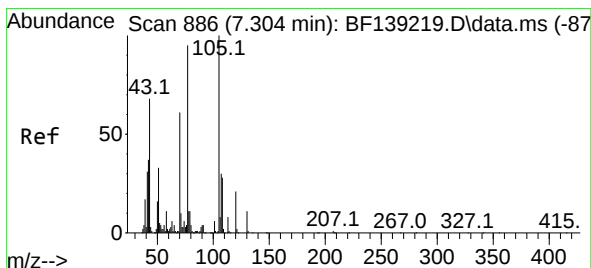
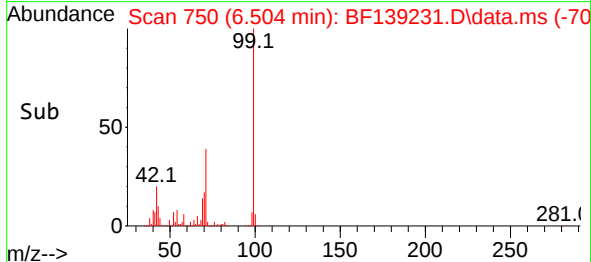
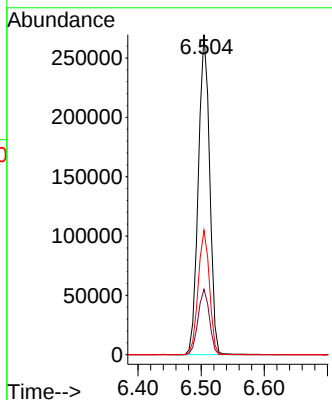
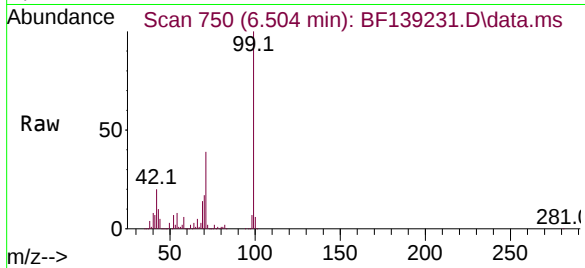




#7
Phenol-d6
Concen: 50.281 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF139231.D
Acq: 03 Sep 2024 12:56

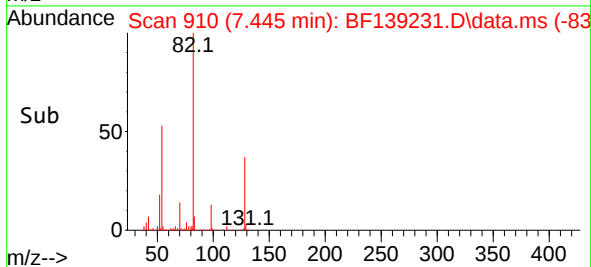
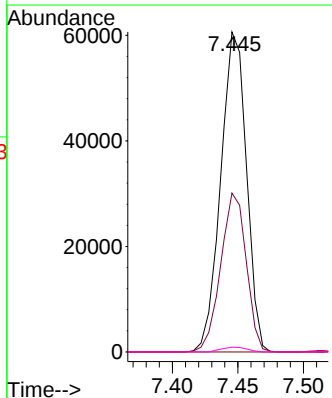
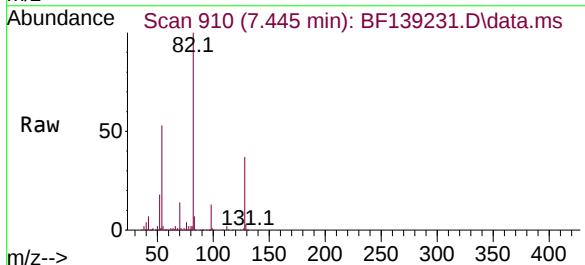
Instrument :
BNA_F
ClientSampleId :
WELL-2

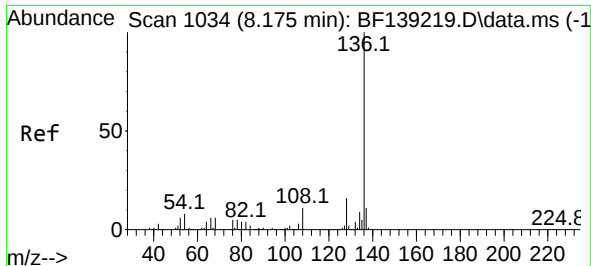
Tgt Ion: 99 Resp: 336131
Ion Ratio Lower Upper
99 100
42 20.4 16.8 25.2
71 38.9 31.3 46.9



#19
n-Nitroso-di-n-propylamine
Concen: 19.890 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139231.D
Acq: 03 Sep 2024 12:56

Tgt Ion: 70 Resp: 82735
Ion Ratio Lower Upper
70 100
42 49.7 49.0 73.4
101 0.0 7.6 11.4#
130 1.5 15.0 22.6#



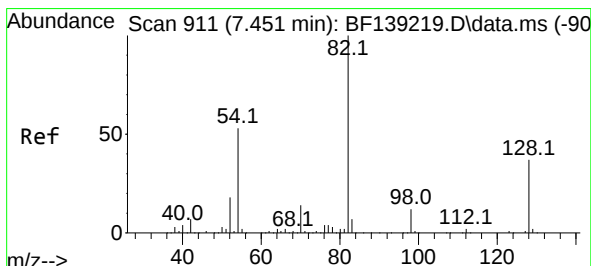
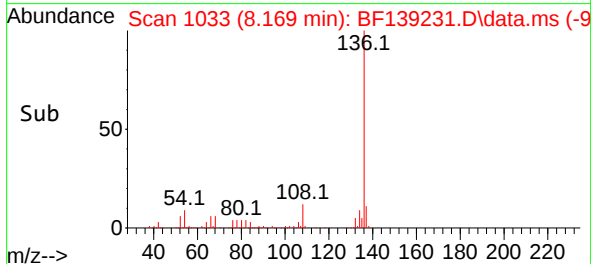
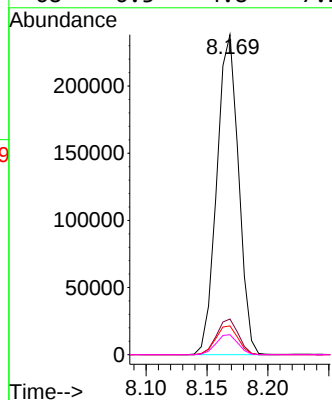
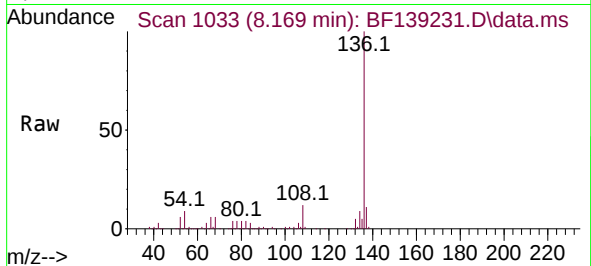


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139231.D
Acq: 03 Sep 2024 12:56

Instrument :
BNA_F
ClientSampleId :
WELL-2

Tgt Ion:136 Resp: 296610

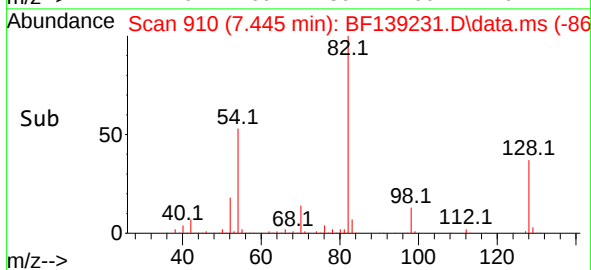
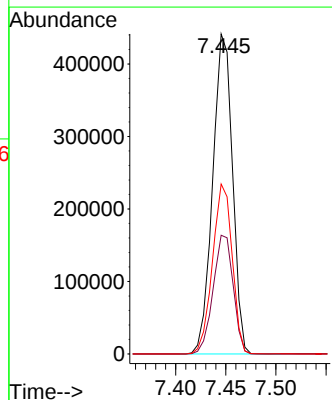
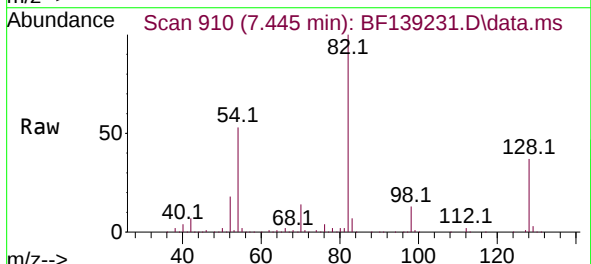
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.0	6.9	10.3
68	6.3	4.8	7.2

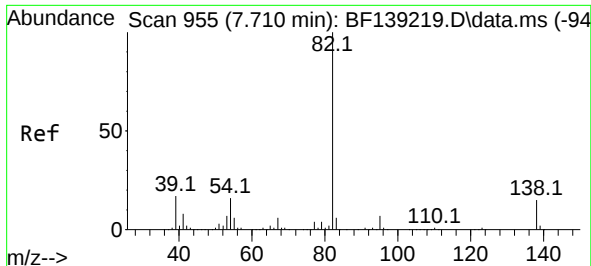


#23
Nitrobenzene-d5
Concen: 98.211 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139231.D
Acq: 03 Sep 2024 12:56

Tgt Ion: 82 Resp: 605996

Ion	Ratio	Lower	Upper
82	100		
128	37.1	29.4	44.2
54	53.1	42.4	63.6

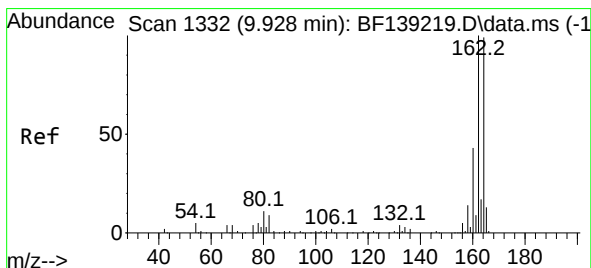
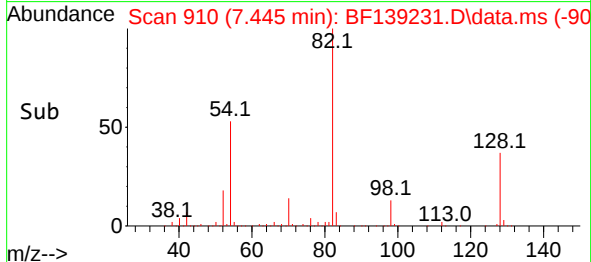
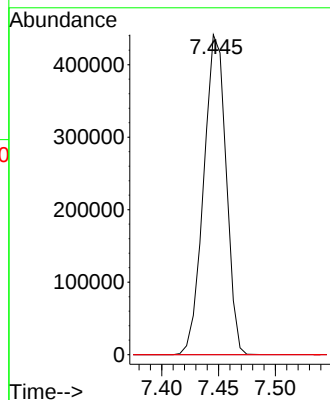
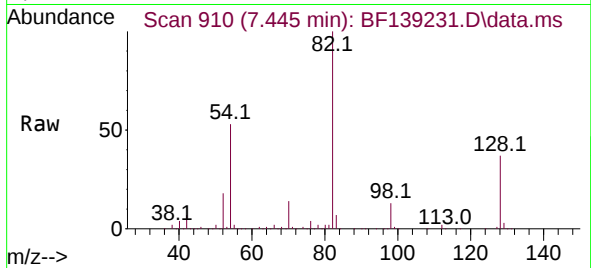




#25
Isophorone
Concen: 56.508 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF139231.D
Acq: 03 Sep 2024 12:56

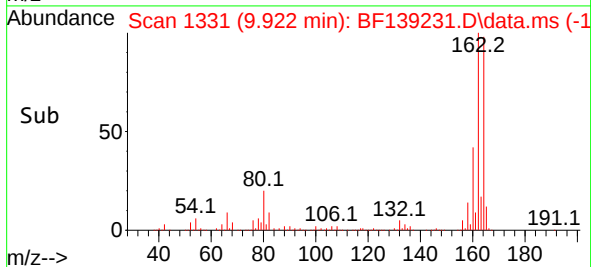
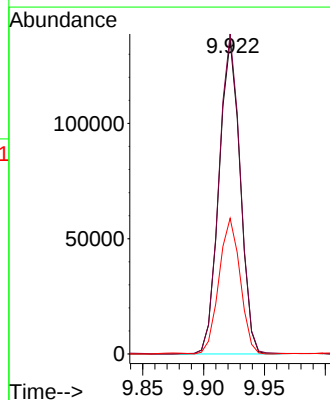
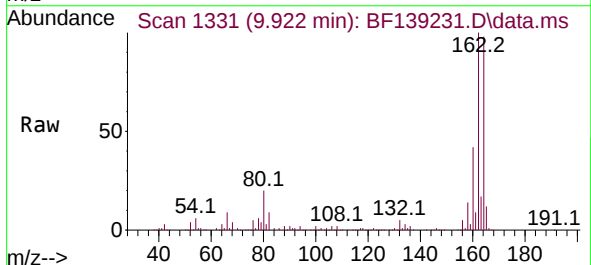
Instrument :
BNA_F
ClientSampleId :
WELL-2

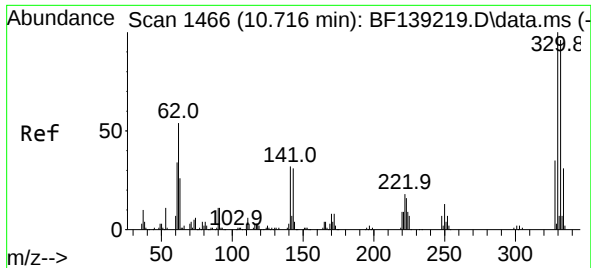
Tgt Ion: 82 Resp: 604294
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF139231.D
Acq: 03 Sep 2024 12:56

Tgt Ion:164 Resp: 164307
Ion Ratio Lower Upper
164 100
162 102.0 80.8 121.2
160 43.2 34.4 51.6

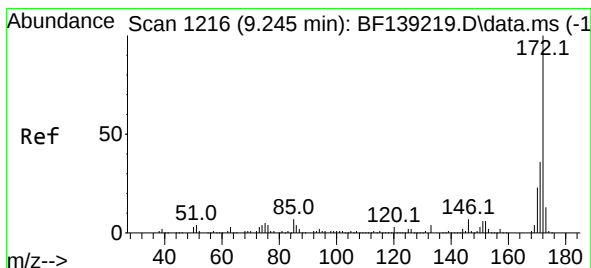
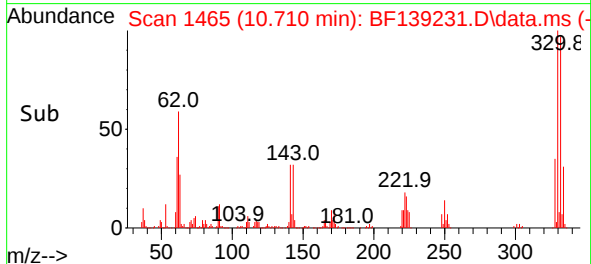
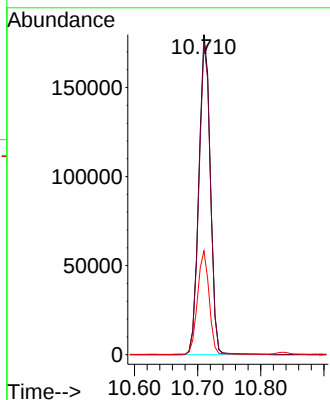
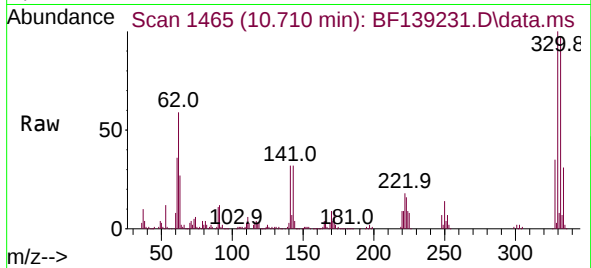




#42
2,4,6-Tribromophenol
Concen: 137.713 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139231.D
Acq: 03 Sep 2024 12:56

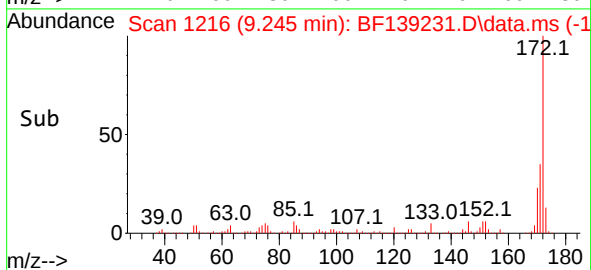
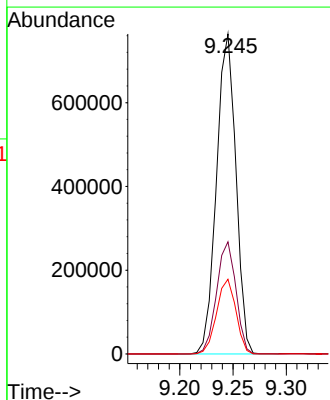
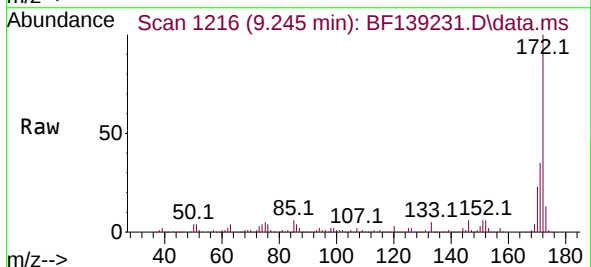
Instrument :
BNA_F
ClientSampleId :
WELL-2

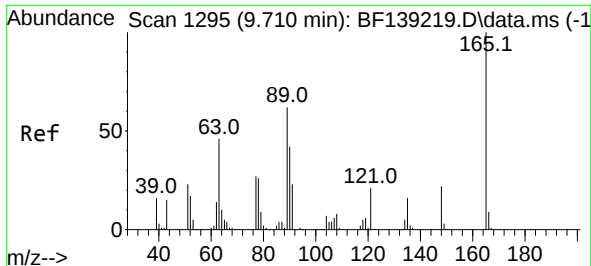
Tgt Ion:330 Resp: 226970
Ion Ratio Lower Upper
330 100
332 97.4 76.6 114.8
141 32.5 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 91.524 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BF139231.D
Acq: 03 Sep 2024 12:56

Tgt Ion:172 Resp: 965813
Ion Ratio Lower Upper
172 100
171 35.0 28.7 43.1
170 23.4 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 9.447 ng

RT: 9.922 min Scan# 1331

Delta R.T. 0.212 min

Lab File: BF139231.D

Acq: 03 Sep 2024 12:56

Instrument :

BNA_F

ClientSampleId :

WELL-2

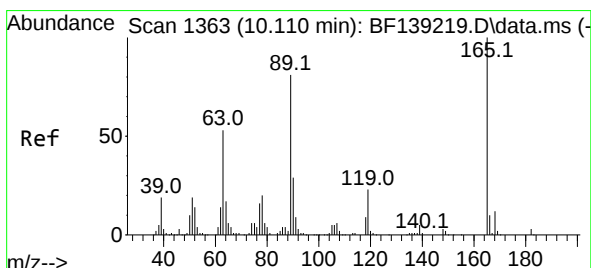
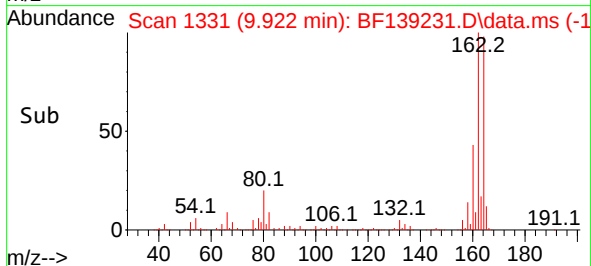
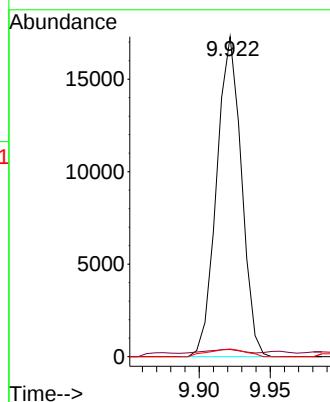
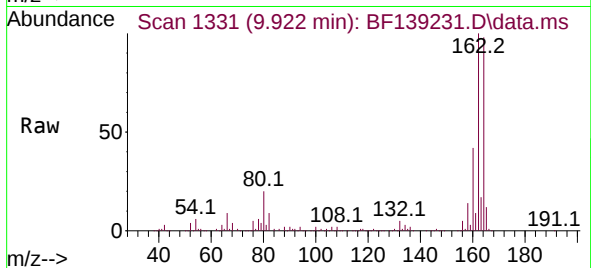
Tgt Ion:165 Resp: 21006

Ion Ratio Lower Upper

165 100

63 2.3 52.1 78.1#

89 2.4 49.7 74.5#



#57

2,4-Dinitrotoluene

Concen: 7.499 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.188 min

Lab File: BF139231.D

Acq: 03 Sep 2024 12:56

Tgt Ion:165 Resp: 21006

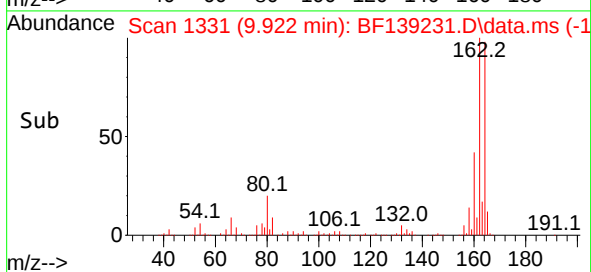
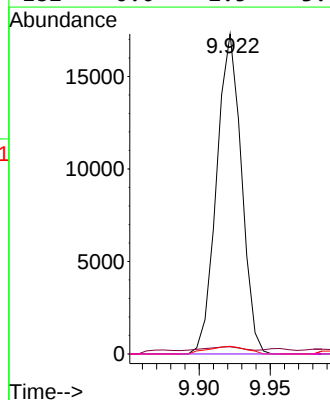
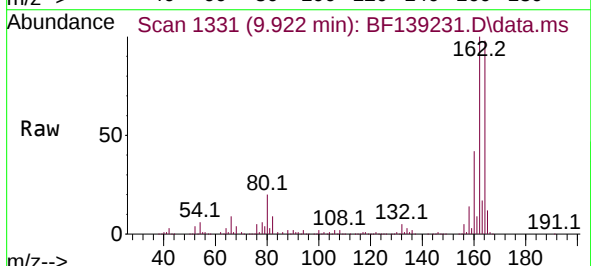
Ion Ratio Lower Upper

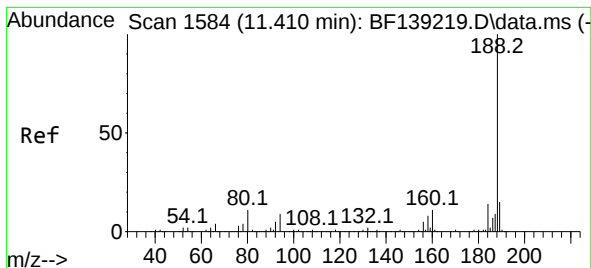
165 100

63 2.3 42.2 63.4#

89 2.4 64.7 97.1#

182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139231.D

Acq: 03 Sep 2024 12:56

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WELL-2

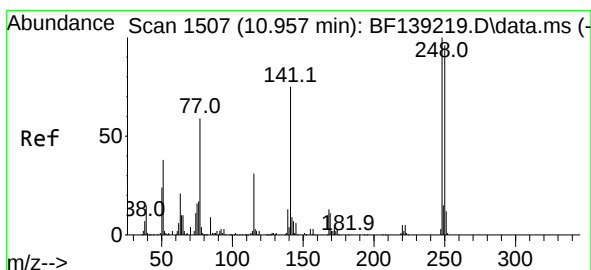
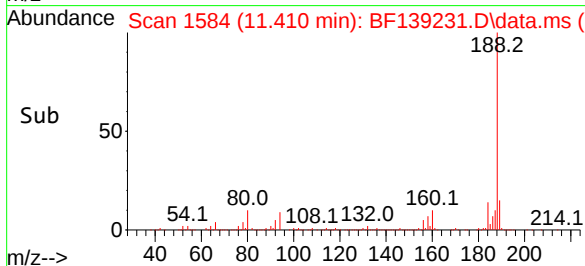
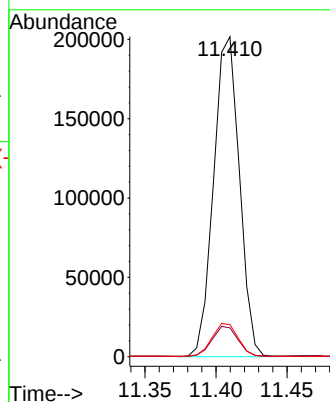
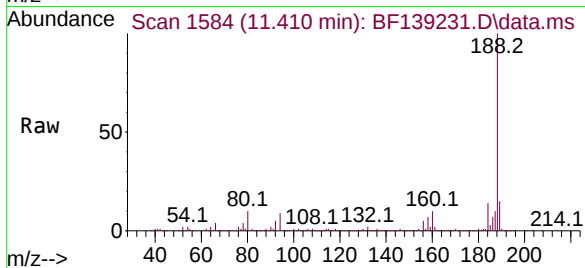
Tgt Ion:188 Resp: 254987

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

80 10.0 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 5.517 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.247 min

Lab File: BF139231.D

Acq: 03 Sep 2024 12:56

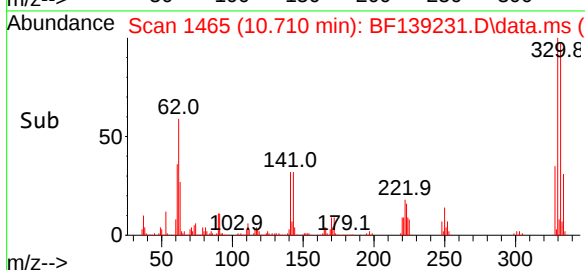
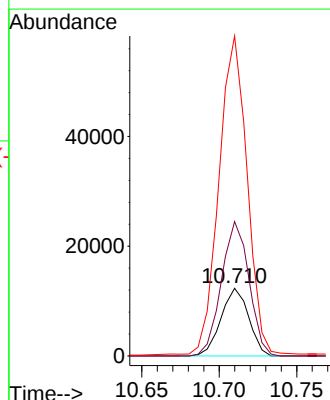
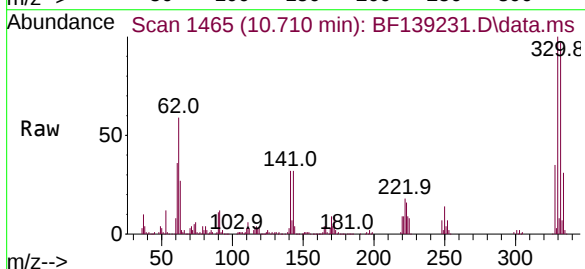
Tgt Ion:248 Resp: 15290

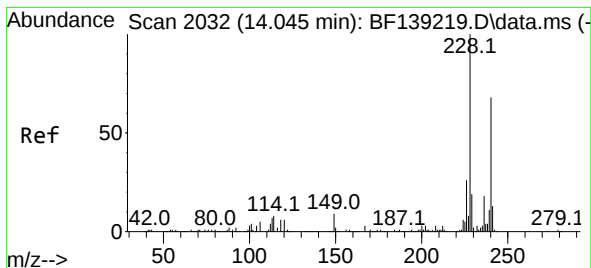
Ion Ratio Lower Upper

248 100

250 198.6 77.1 115.7#

141 472.9 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: BF139231.D

Acq: 03 Sep 2024 12:56

Instrument :

BNA_F

ClientSampleId :

WELL-2

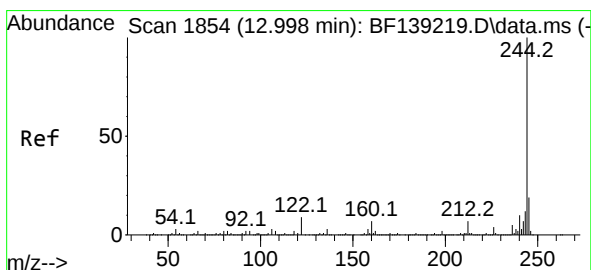
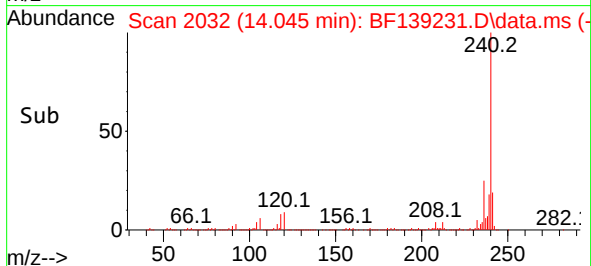
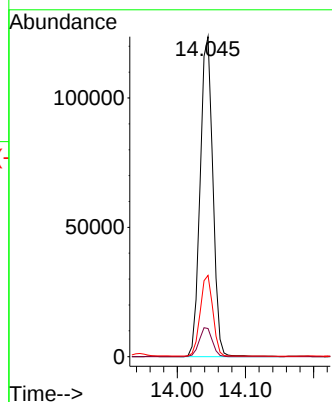
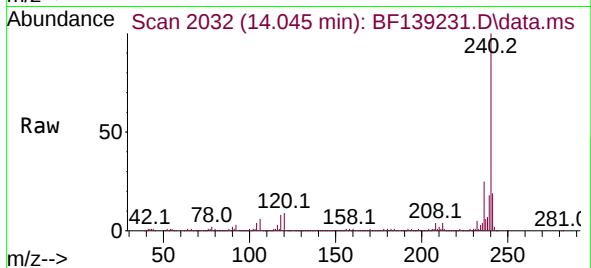
Tgt Ion:240 Resp: 160518

Ion Ratio Lower Upper

240 100

120 8.8 7.4 11.2

236 25.4 20.9 31.3



#79

Terphenyl-d14

Concen: 62.595 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF139231.D

Acq: 03 Sep 2024 12:56

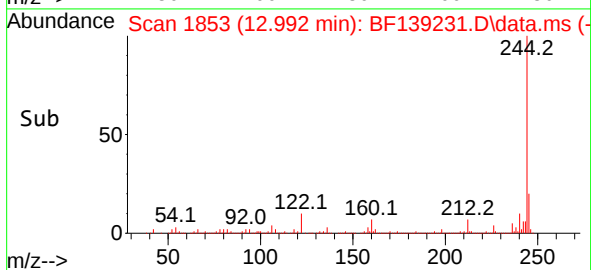
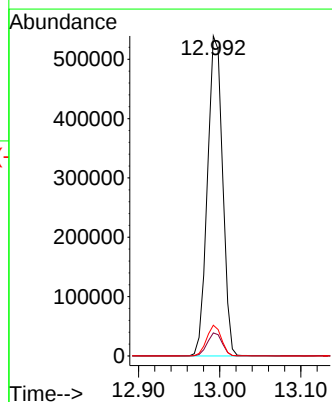
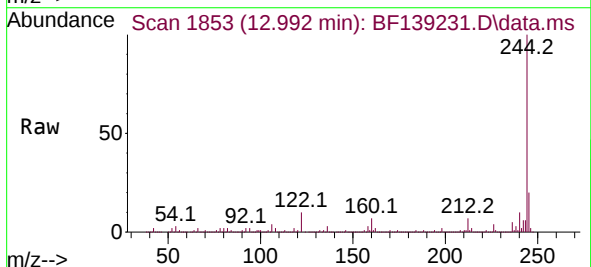
Tgt Ion:244 Resp: 697047

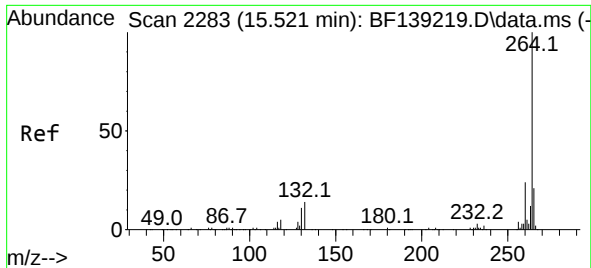
Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

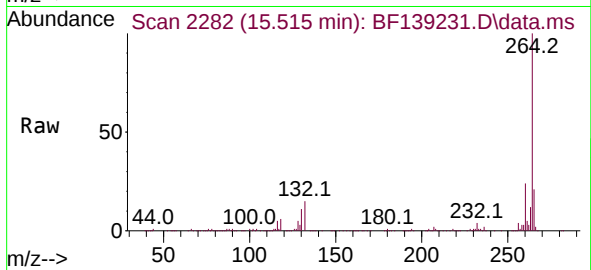
122 9.6 7.4 11.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139231.D
Acq: 03 Sep 2024 12:56

Instrument :
BNA_F
ClientSampleId :
WELL-2



Tgt Ion:264 Resp: 182463

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	21.4	16.9	25.3

