

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
 Data File : BF139603.D
 Acq On : 02 Oct 2024 13:36
 Operator : RC/JU
 Sample : P4190-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-T

Quant Time: Oct 02 14:10:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

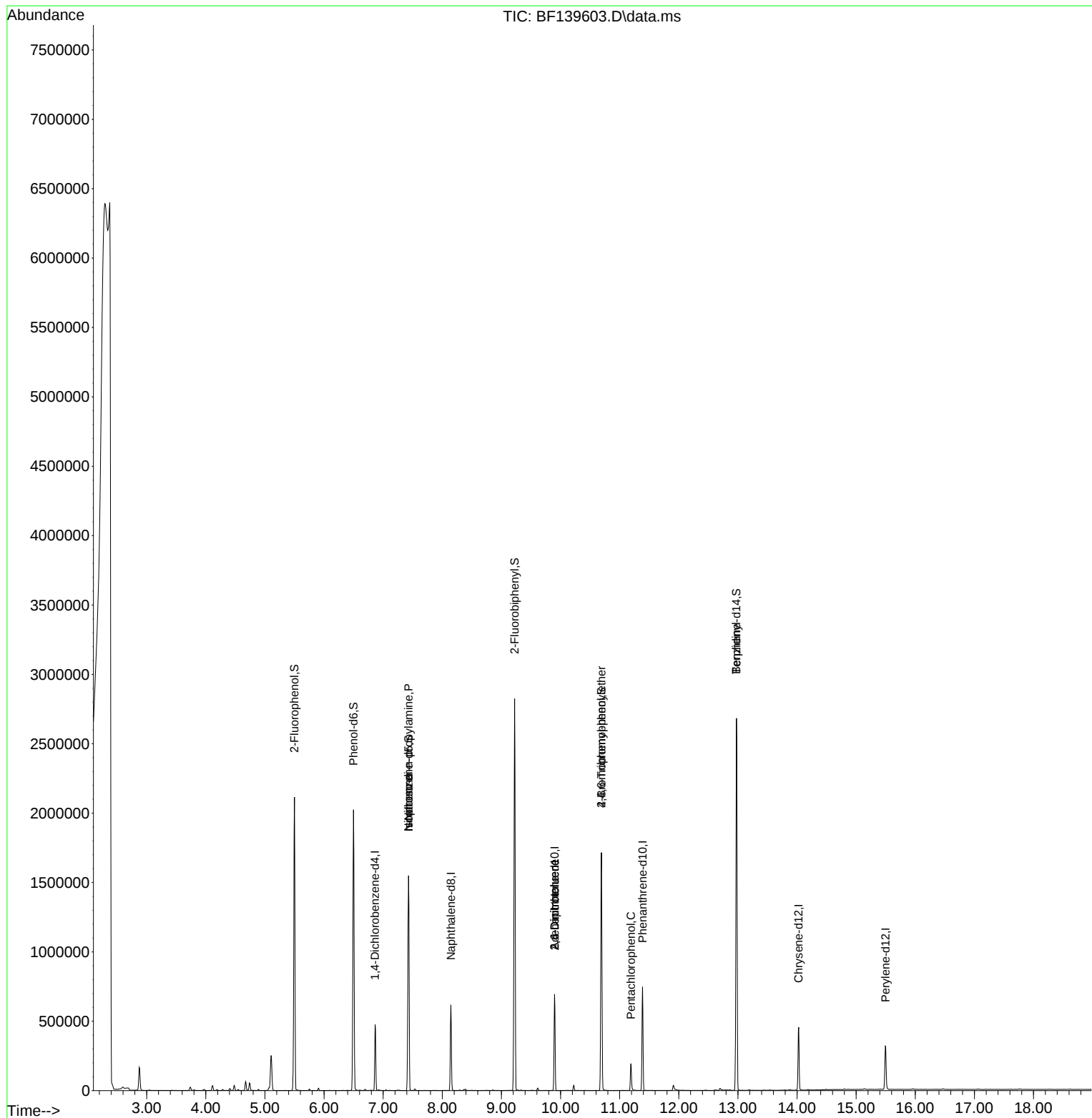
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	94894	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	361148	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	201851	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	381500	20.000	ng	0.00
76) Chrysene-d12	14.027	240	211227	20.000	ng	0.00
86) Perylene-d12	15.498	264	183261	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	736831	134.583	ng	0.01
7) Phenol-d6	6.498	99	924536	125.572	ng	0.00
23) Nitrobenzene-d5	7.428	82	697134	97.733	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	274495	140.872	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1252418	95.253	ng	0.00
79) Terphenyl-d14	12.975	244	1352214	105.041	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	96196	20.322	ng	# 76
25) Isophorone	7.428	82	694426	54.812	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	25756	8.629	ng	# 17
57) 2,4-Dinitrotoluene	9.898	165	25756	6.601	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	18667	4.772	ng	# 1
70) Pentachlorophenol	11.192	266	33881	13.109	ng	98
77) Benzidine	12.975	184	19089	5.123	ng	# 91

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

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QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

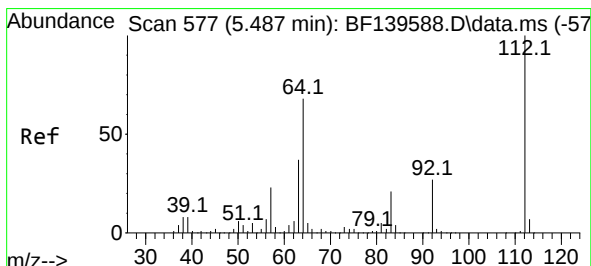
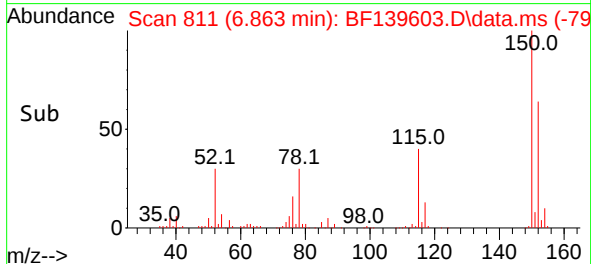
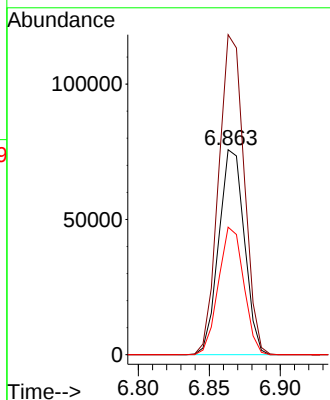
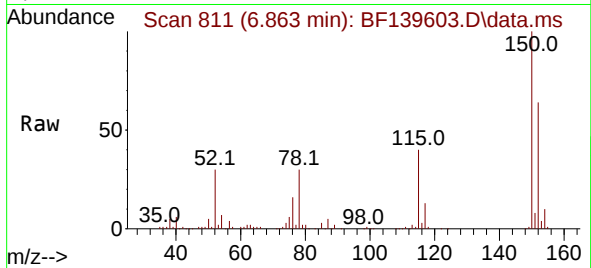




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139603.D
Acq: 02 Oct 2024 13:36

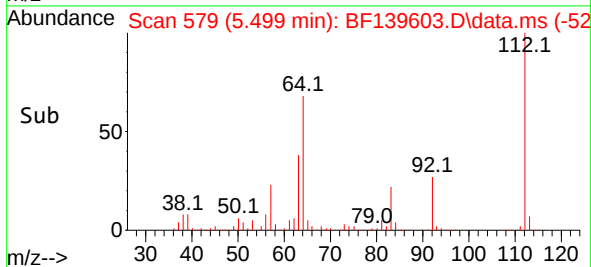
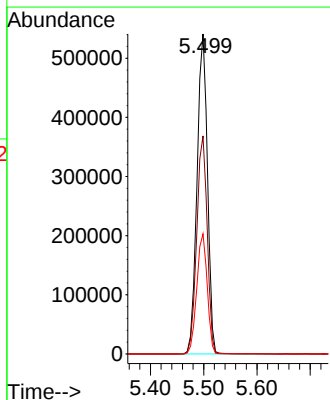
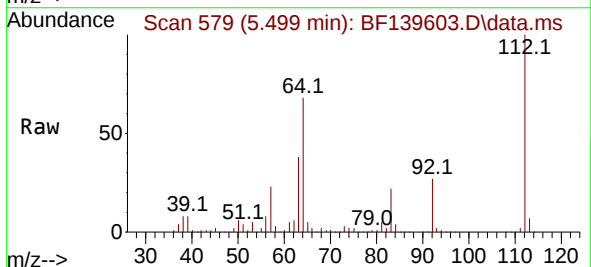
Instrument :
BNA_F
ClientSampleId :
TP-T

Tgt Ion:152 Resp: 94894
Ion Ratio Lower Upper
152 100
150 156.1 127.2 190.8
115 62.2 49.0 73.4



#5
2-Fluorophenol
Concen: 134.583 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF139603.D
Acq: 02 Oct 2024 13:36

Tgt Ion:112 Resp: 736831
Ion Ratio Lower Upper
112 100
64 68.2 54.2 81.4
63 37.5 29.4 44.2

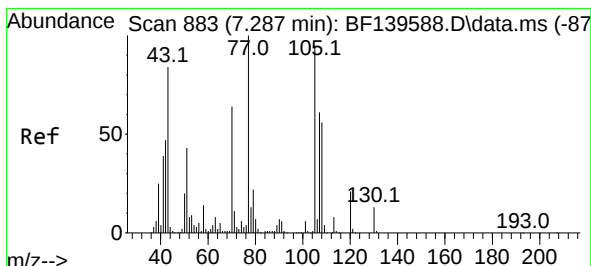
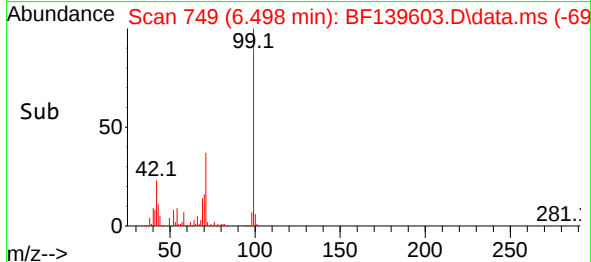
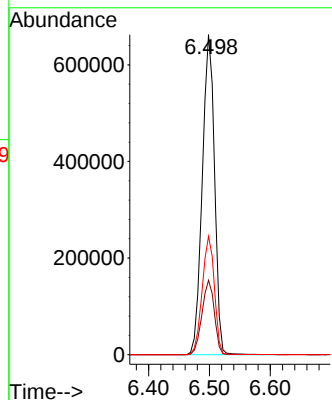
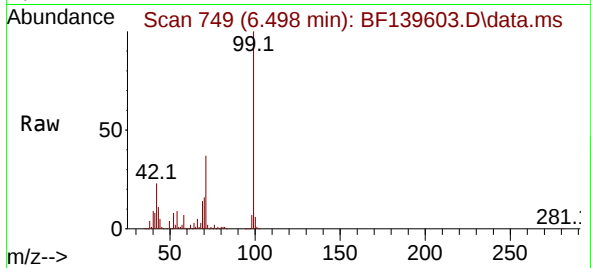




#7
Phenol-d6
Concen: 125.572 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139603.D
Acq: 02 Oct 2024 13:36

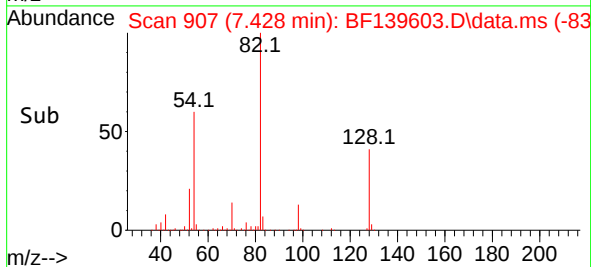
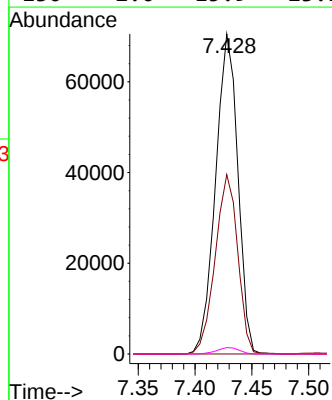
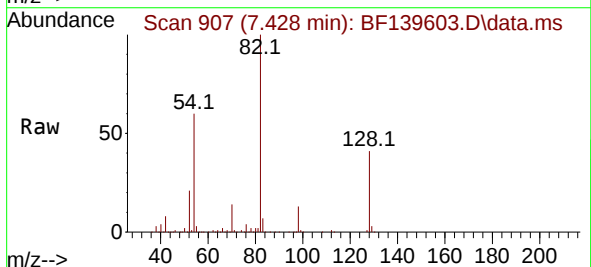
Instrument :
BNA_F
ClientSampleId :
TP-T

Tgt Ion: 99 Resp: 924536
Ion Ratio Lower Upper
99 100
42 23.2 19.1 28.7
71 37.0 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.322 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139603.D
Acq: 02 Oct 2024 13:36

Tgt Ion: 70 Resp: 96196
Ion Ratio Lower Upper
70 100
42 56.0 58.0 87.0#
101 0.0 7.8 11.8#
130 2.0 15.9 23.9#

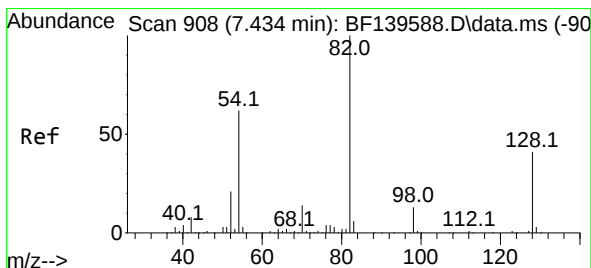
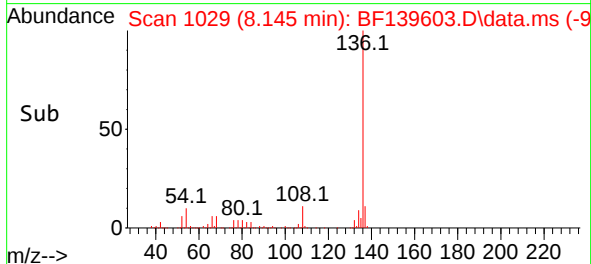
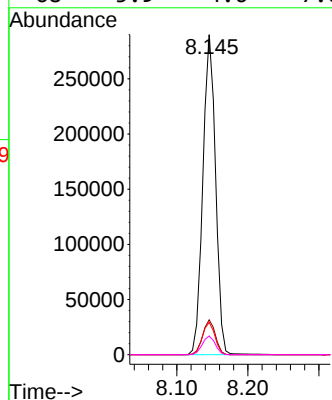
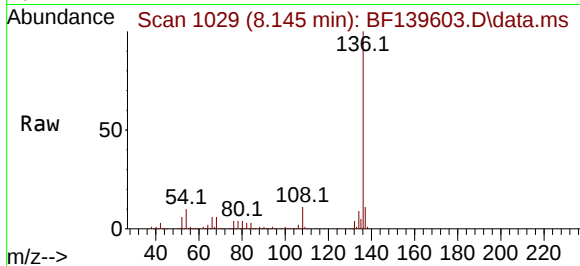




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139603.D
Acq: 02 Oct 2024 13:36

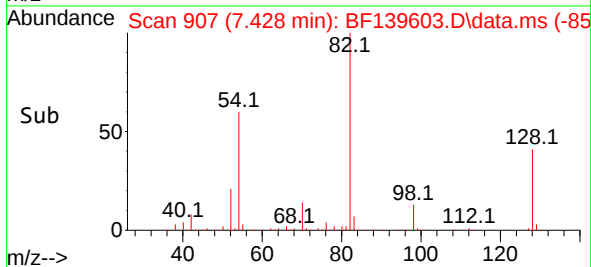
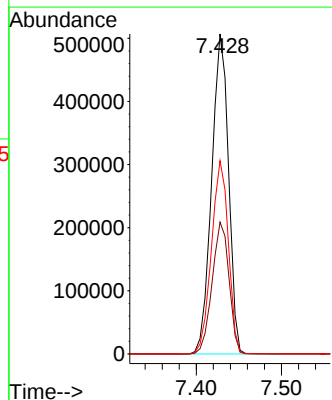
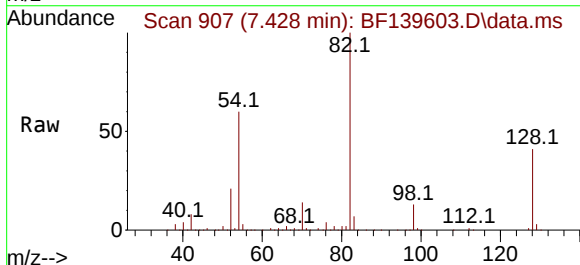
Instrument :
BNA_F
ClientSampleId :
TP-T

Tgt Ion:	136	Resp:	361148
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.1	8.3	12.5
68	5.9	4.6	7.0



#23
Nitrobenzene-d5
Concen: 97.733 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139603.D
Acq: 02 Oct 2024 13:36

Tgt Ion:	82	Resp:	697134
Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.4	48.6
54	60.4	49.1	73.7

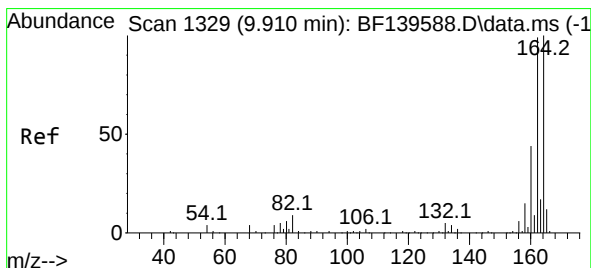
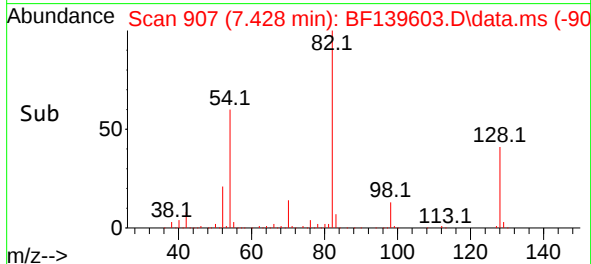
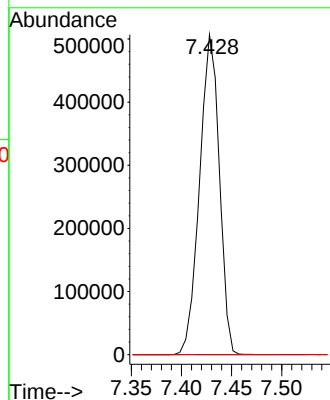
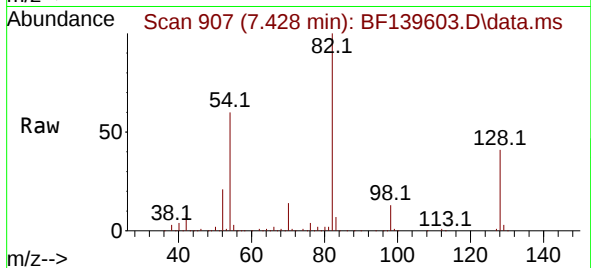




#25
Isophorone
Concen: 54.812 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139603.D
Acq: 02 Oct 2024 13:36

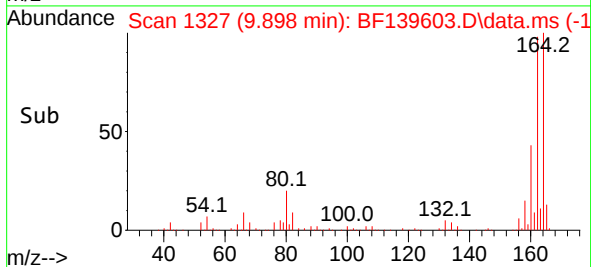
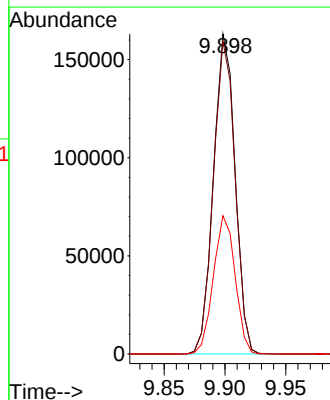
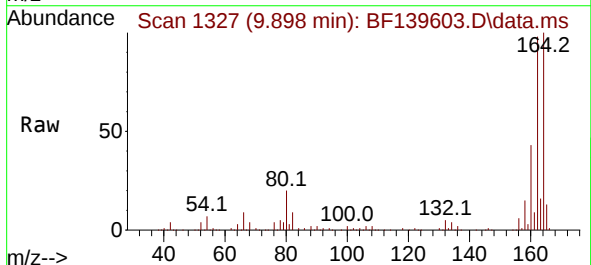
Instrument :
BNA_F
ClientSampleId :
TP-T

Tgt Ion: 82 Resp: 694426
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139603.D
Acq: 02 Oct 2024 13:36

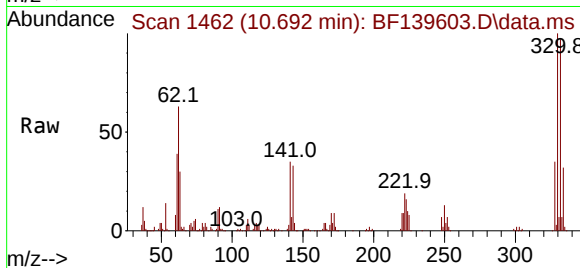
Tgt Ion:164 Resp: 201851
Ion Ratio Lower Upper
164 100
162 97.7 79.4 119.0
160 43.2 35.1 52.7



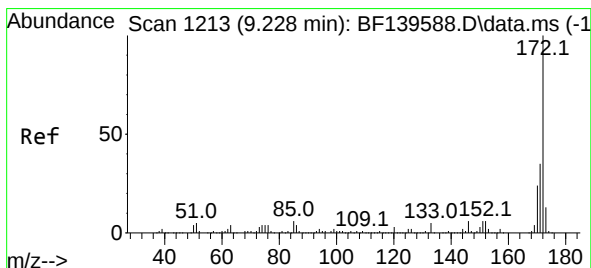
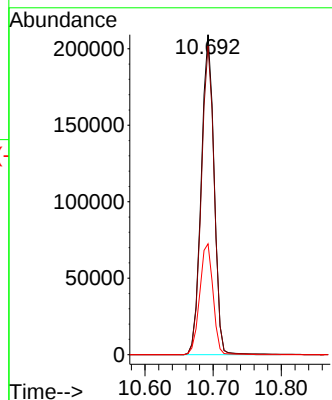
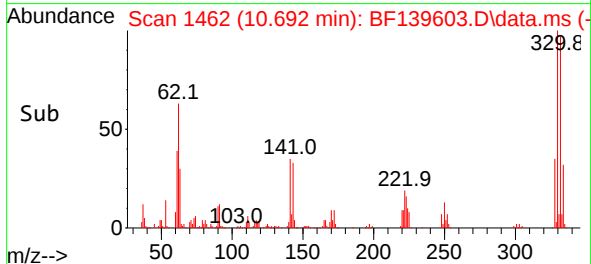


#42
2,4,6-Tribromophenol
Concen: 140.872 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139603.D
Acq: 02 Oct 2024 13:36

Instrument :
BNA_F
ClientSampleId :
TP-T

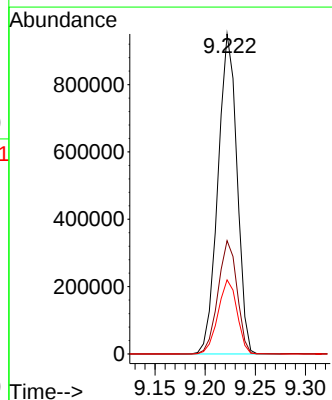
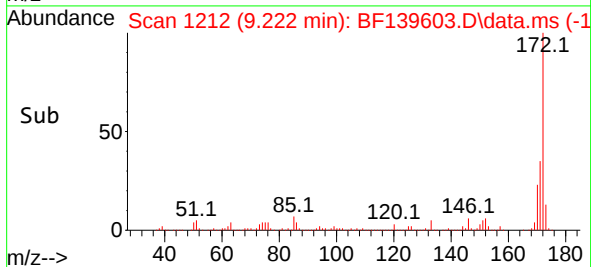
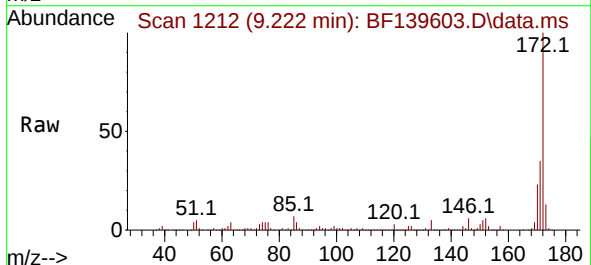


Tgt Ion:330 Resp: 274495
Ion Ratio Lower Upper
330 100
332 96.8 76.5 114.7
141 35.8 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 95.253 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139603.D
Acq: 02 Oct 2024 13:36

Tgt Ion:172 Resp: 1252418
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.2 18.8 28.2

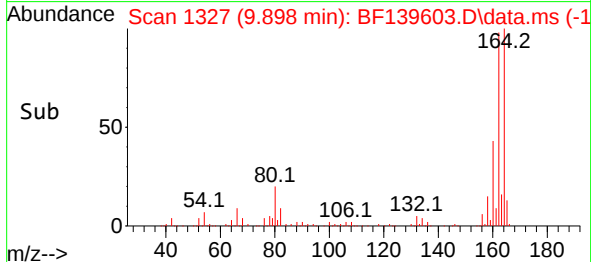
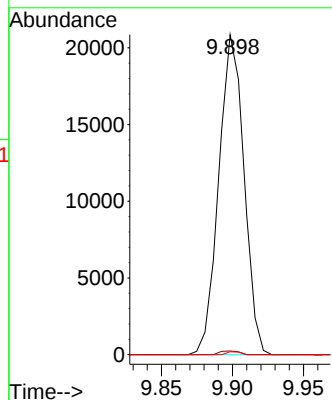
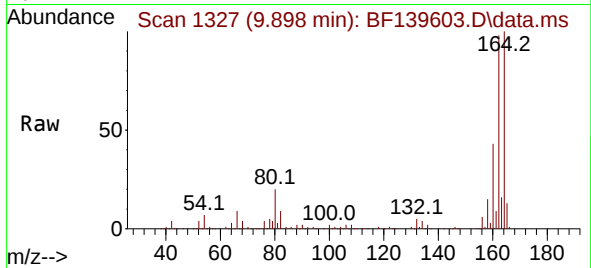




#51
2,6-Dinitrotoluene
Concen: 8.629 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139603.D
Acq: 02 Oct 2024 13:36

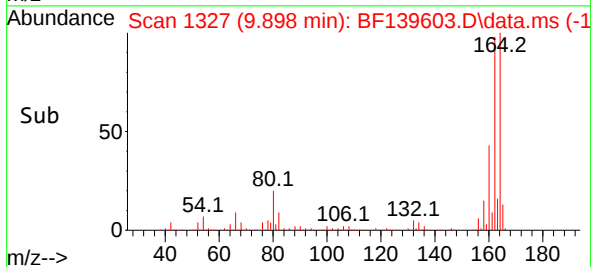
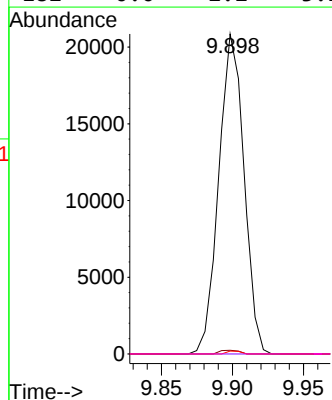
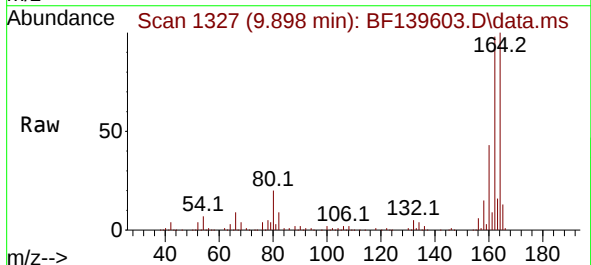
Instrument :
BNA_F
ClientSampleId :
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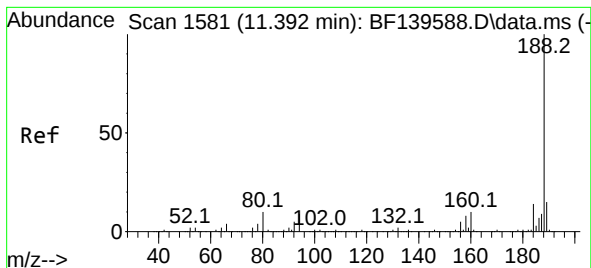
Tgt Ion:165 Resp: 25756
Ion Ratio Lower Upper
165 100
63 1.2 56.7 85.1#
89 0.9 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.601 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139603.D
Acq: 02 Oct 2024 13:36

Tgt Ion:165 Resp: 25756
Ion Ratio Lower Upper
165 100
63 1.2 46.9 70.3#
89 0.9 64.4 96.6#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139603.D

Acq: 02 Oct 2024 13:36

Instrument :

BNA_F

ClientSampleId :

TP-T

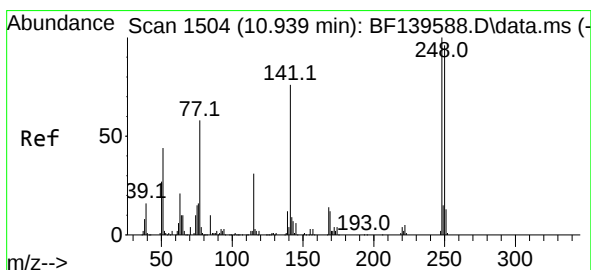
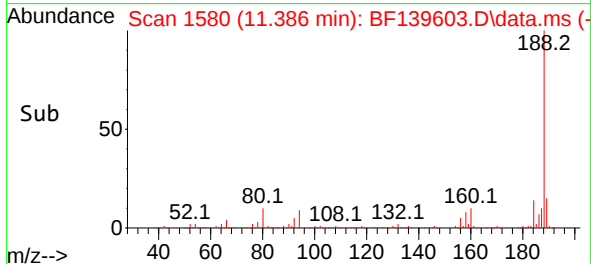
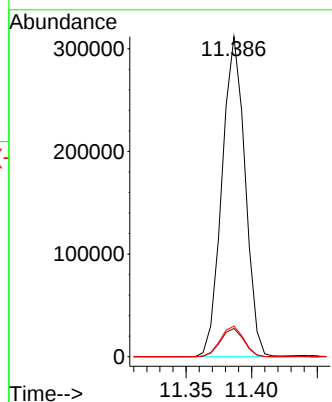
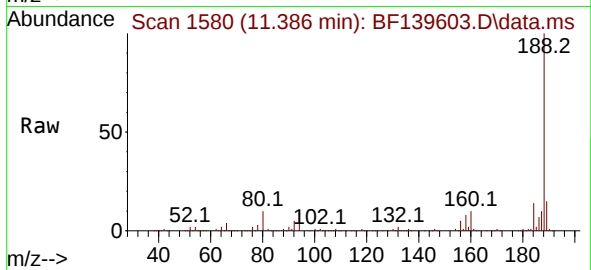
Tgt Ion:188 Resp: 381500

Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

80 9.5 8.2 12.2



#67

4-Bromophenyl-phenylether

Concen: 4.772 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF139603.D

Acq: 02 Oct 2024 13:36

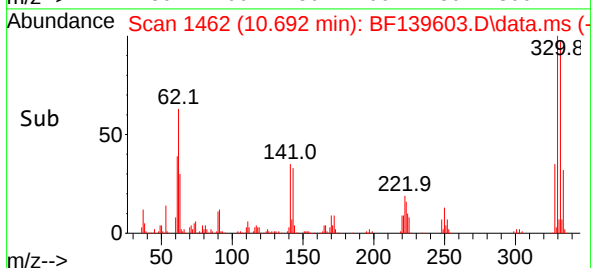
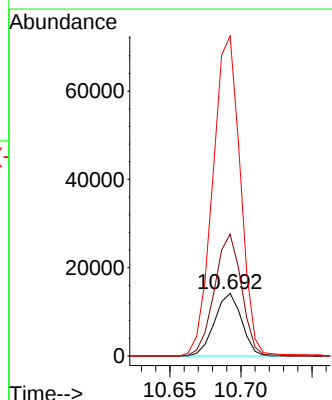
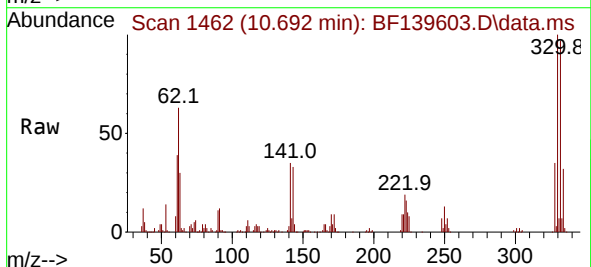
Tgt Ion:248 Resp: 18667

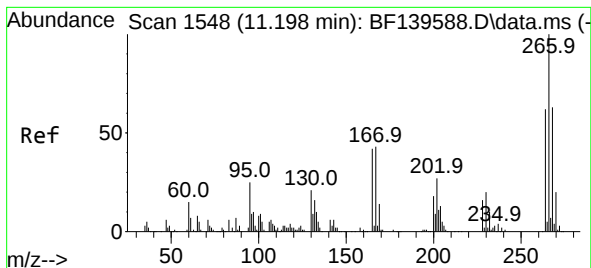
Ion Ratio Lower Upper

248 100

250 194.6 77.1 115.7#

141 511.6 60.4 90.6#





#70

Pentachlorophenol

Concen: 13.109 ng

RT: 11.192 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139603.D

Acq: 02 Oct 2024 13:36

Instrument :

BNA_F

ClientSampleId :

TP-T

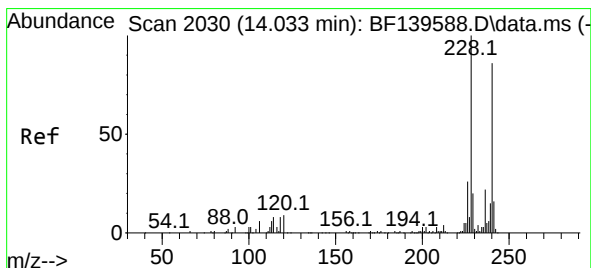
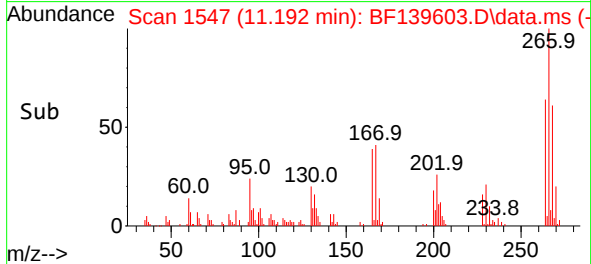
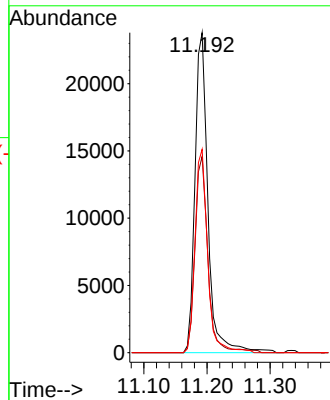
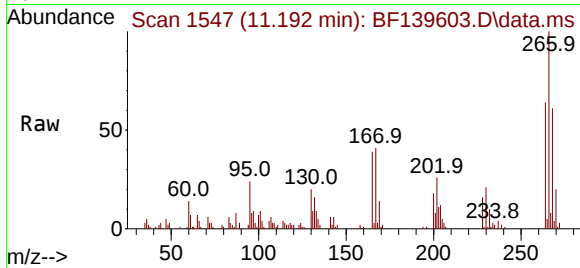
Tgt Ion:266 Resp: 33881

Ion Ratio Lower Upper

266 100

268 61.3 50.0 75.0

264 63.6 49.3 73.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139603.D

Acq: 02 Oct 2024 13:36

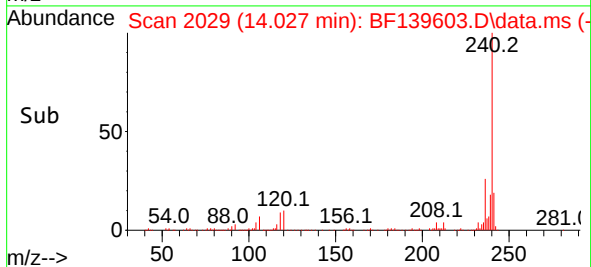
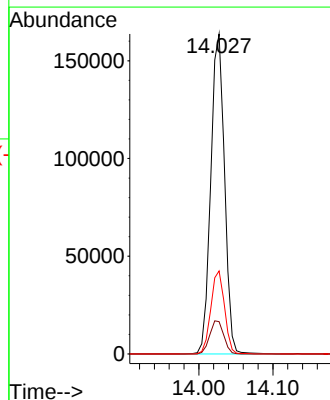
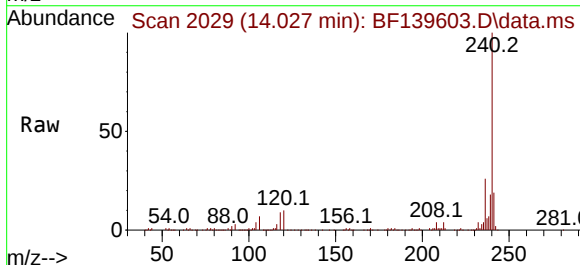
Tgt Ion:240 Resp: 211227

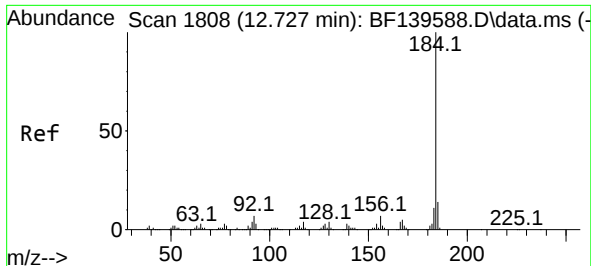
Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

236 25.9 20.3 30.5

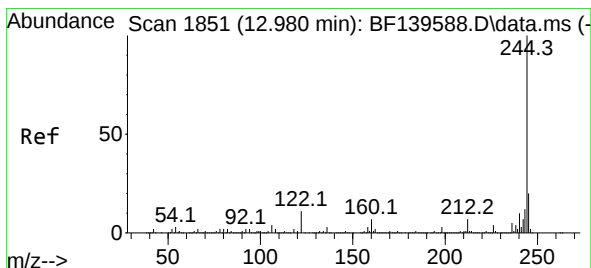
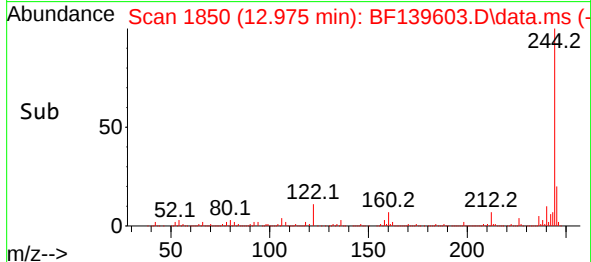
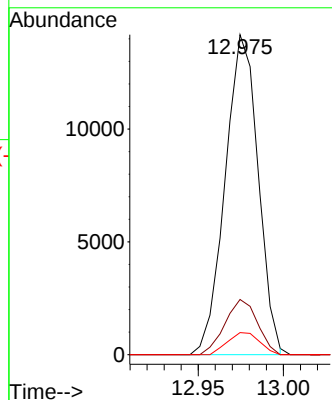
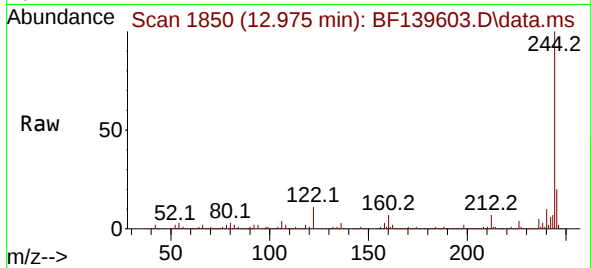




#77
Benzidine
Concen: 5.123 ng
RT: 12.975 min Scan# 1850
Delta R.T. 0.247 min
Lab File: BF139603.D
Acq: 02 Oct 2024 13:36

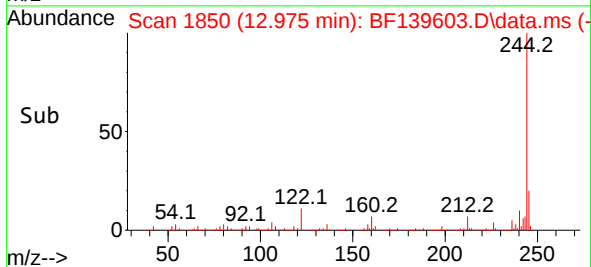
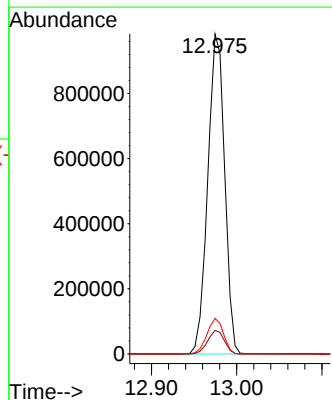
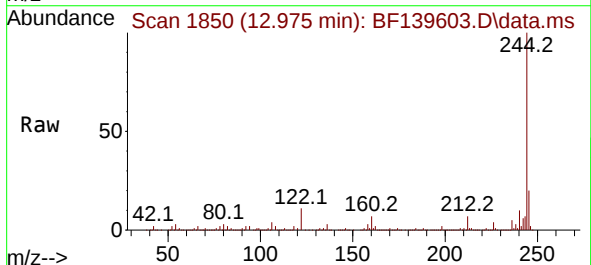
Instrument :
BNA_F
ClientSampleId :
TP-T

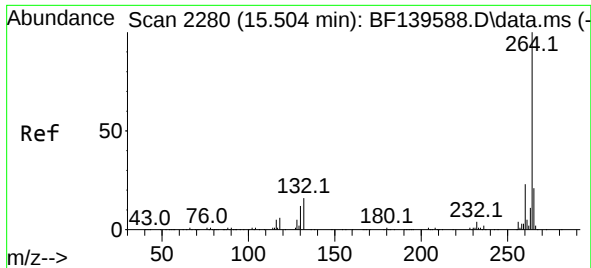
Tgt Ion:184 Resp: 19089
Ion Ratio Lower Upper
184 100
185 17.3 11.4 17.0#
183 6.9 8.8 13.2#



#79
Terphenyl-d14
Concen: 105.041 ng
RT: 12.975 min Scan# 1850
Delta R.T. -0.005 min
Lab File: BF139603.D
Acq: 02 Oct 2024 13:36

Tgt Ion:244 Resp: 1352214
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 11.1 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF139603.D
 Acq: 02 Oct 2024 13:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-T

Tgt Ion:264 Resp: 183261
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.3 16.9 25.3

