

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
 Data File : BF139689.D
 Acq On : 07 Oct 2024 16:33
 Operator : RC/JU
 Sample : P4274-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 222254

Quant Time: Oct 07 18:59:25 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)

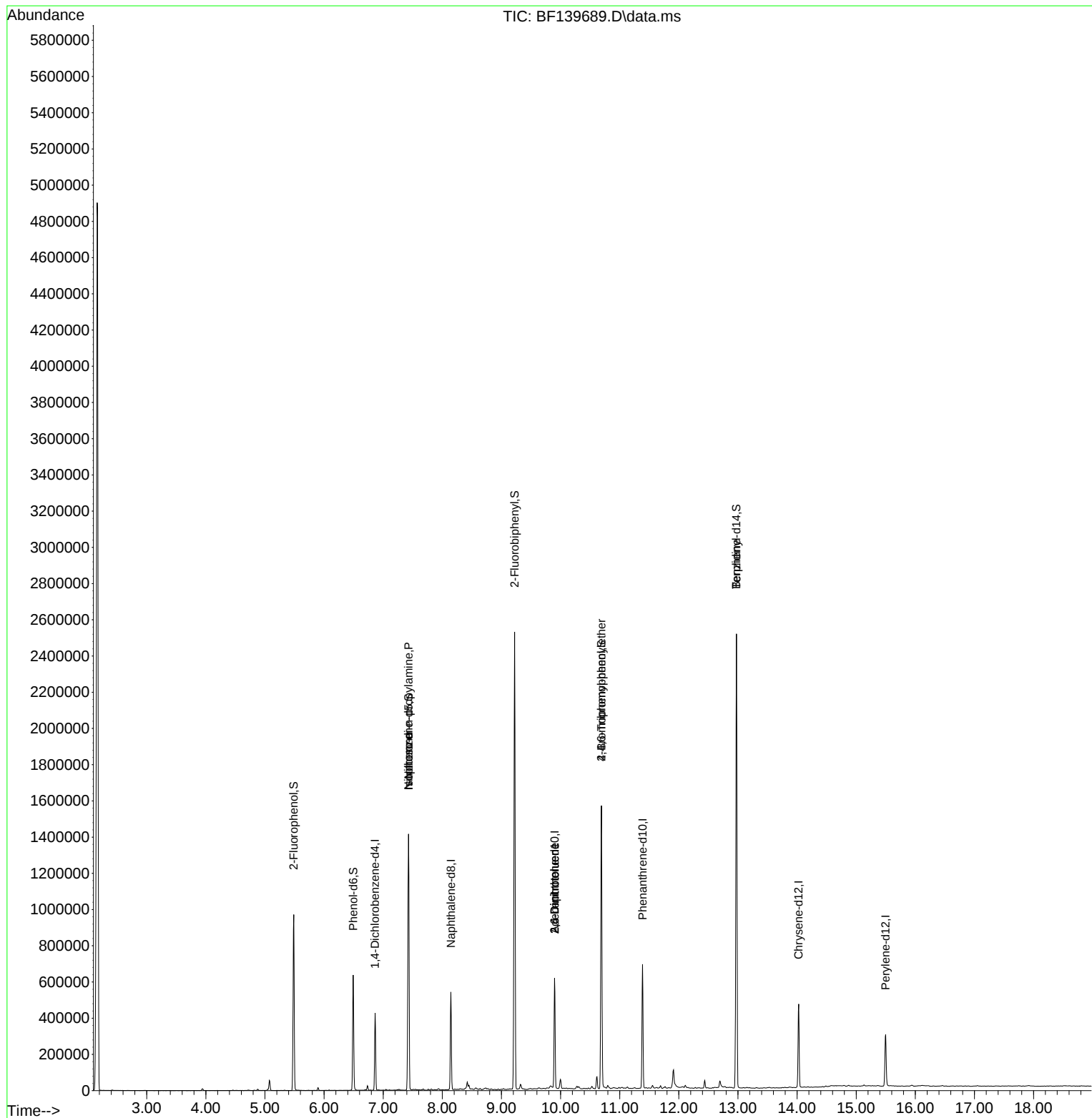
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	82902	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	314124	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	175942	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	347983	20.000	ng	0.00
76) Chrysene-d12	14.027	240	214408	20.000	ng	0.00
86) Perylene-d12	15.498	264	160224	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	330222	69.040	ng	0.00
7) Phenol-d6	6.492	99	267031	41.515	ng	-0.01
23) Nitrobenzene-d5	7.428	82	624014	100.578	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	252427	148.623	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1101273	96.092	ng	0.00
79) Terphenyl-d14	12.974	244	1234739	94.493	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	86397	20.892	ng	Qvalue # 75
25) Isophorone	7.428	82	620628	56.321	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	22742	8.741	ng	# 18
57) 2,4-Dinitrotoluene	9.898	165	22742	6.687	ng	# 18
67) 4-Bromophenyl-phenylether	10.692	248	17227	4.828	ng	# 1
77) Benzidine	12.974	184	17201	4.548	ng	# 92

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

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BNA_F
ClientSampleId :
222254

Quant Time: Oct 07 18:59:25 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
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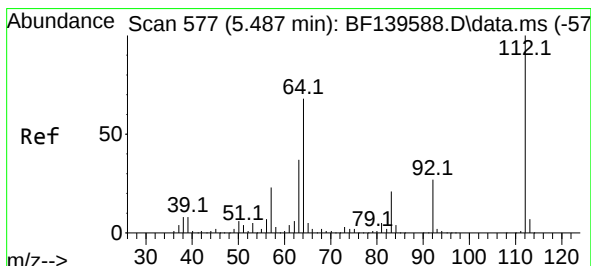
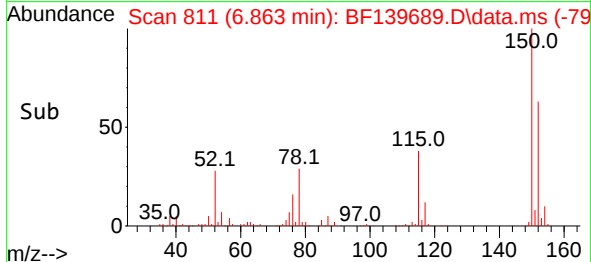
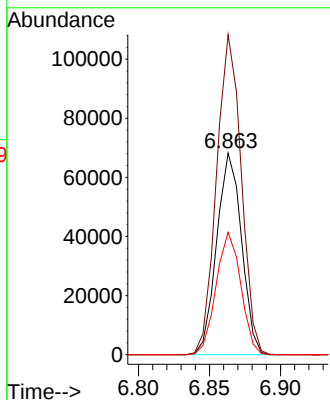
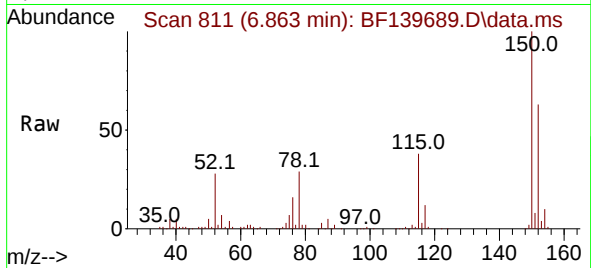




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139689.D
Acq: 07 Oct 2024 16:33

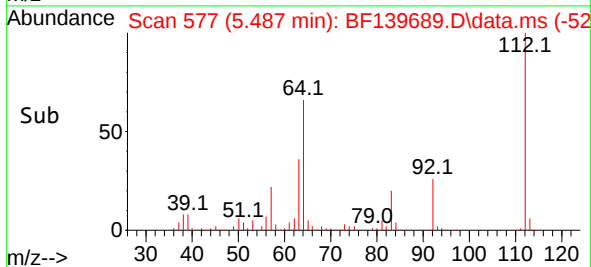
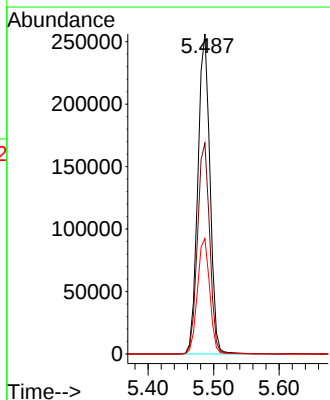
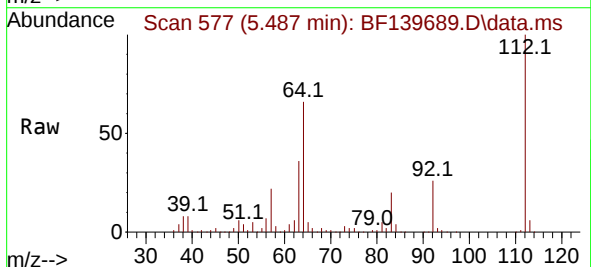
Instrument :
BNA_F
ClientSampleId :
222254

Tgt Ion:152 Resp: 82902
Ion Ratio Lower Upper
152 100
150 158.8 127.2 190.8
115 60.7 49.0 73.4



#5
2-Fluorophenol
Concen: 69.040 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139689.D
Acq: 07 Oct 2024 16:33

Tgt Ion:112 Resp: 330222
Ion Ratio Lower Upper
112 100
64 65.9 54.2 81.4
63 36.1 29.4 44.2

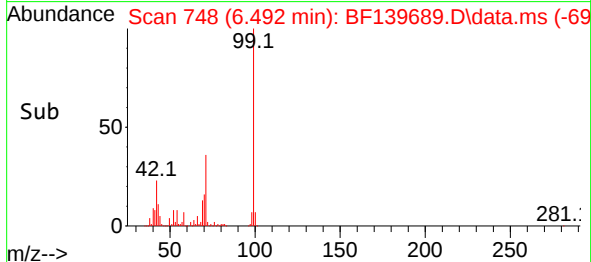
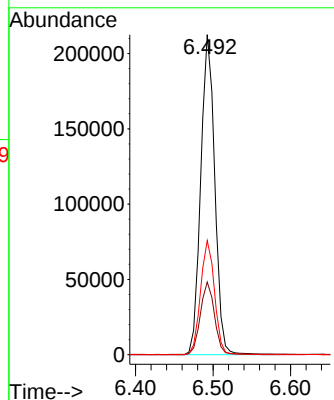
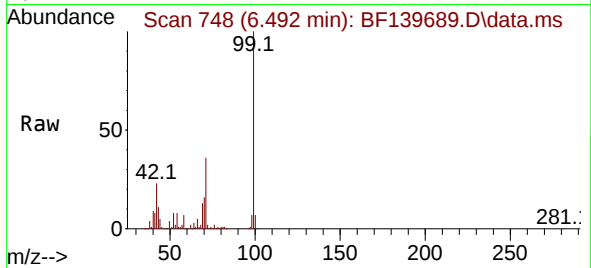




#7
Phenol-d6
Concen: 41.515 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139689.D
Acq: 07 Oct 2024 16:33

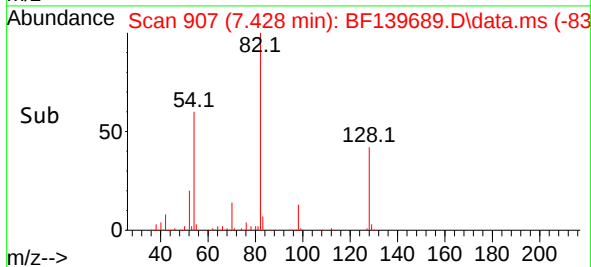
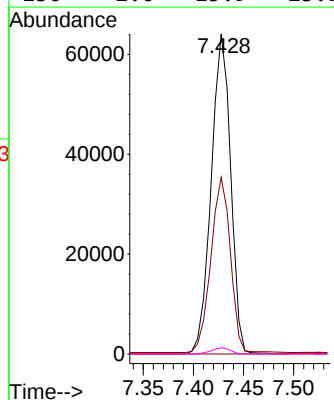
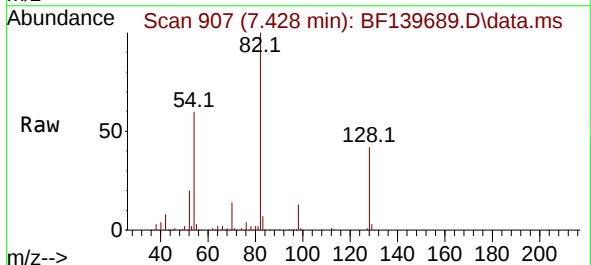
Instrument :
BNA_F
ClientSampleId :
222254

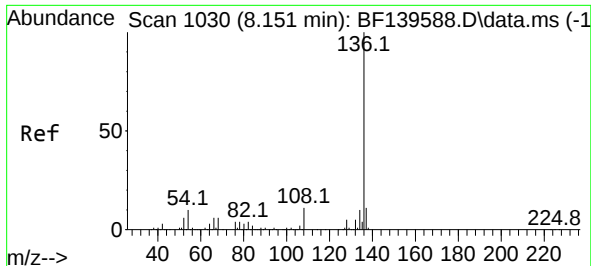
Tgt Ion: 99 Resp: 267031
Ion Ratio Lower Upper
99 100
42 22.7 19.1 28.7
71 35.7 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.892 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139689.D
Acq: 07 Oct 2024 16:33

Tgt Ion: 70 Resp: 86397
Ion Ratio Lower Upper
70 100
42 55.2 58.0 87.0#
101 0.0 7.8 11.8#
130 2.0 15.9 23.9#

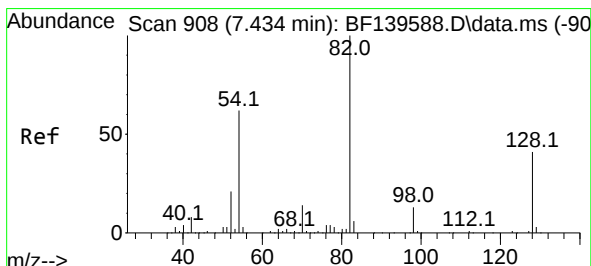
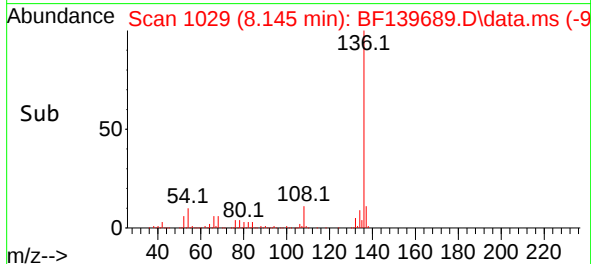
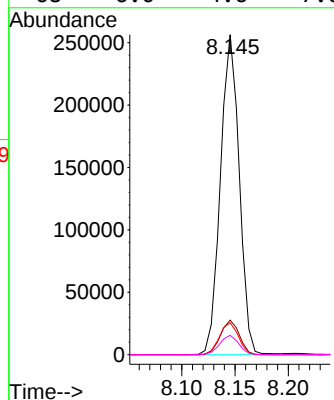
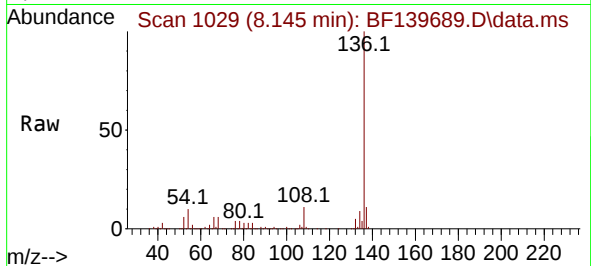




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139689.D
Acq: 07 Oct 2024 16:33

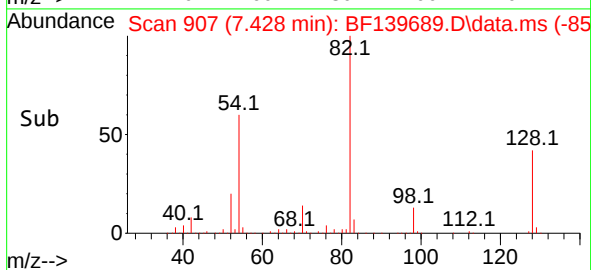
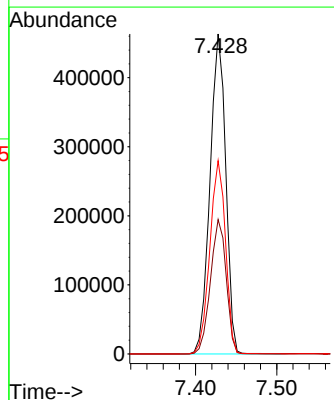
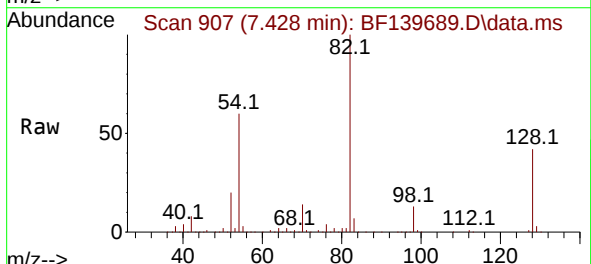
Instrument :
BNA_F
ClientSampleId :
222254

Tgt Ion:136	Resp:	314124	
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	10.0	8.3	12.5
68	6.0	4.6	7.0



#23
Nitrobenzene-d5
Concen: 100.578 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139689.D
Acq: 07 Oct 2024 16:33

Tgt Ion: 82	Resp: 624014
Ion Ratio	Lower Upper
82 100	
128 42.0	32.4 48.6
54 60.4	49.1 73.7

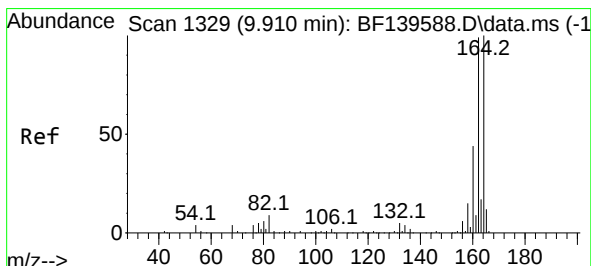
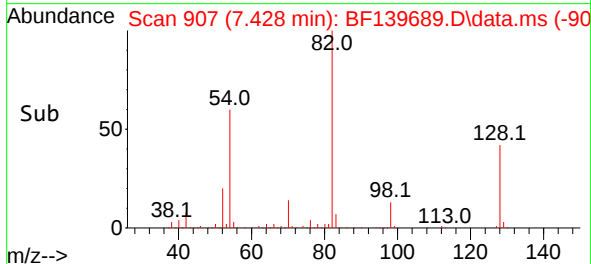
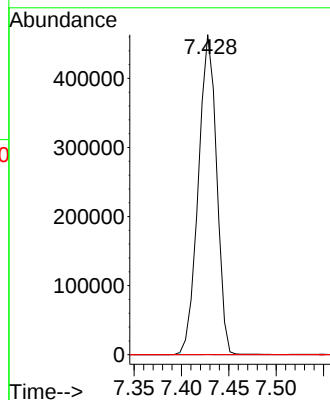
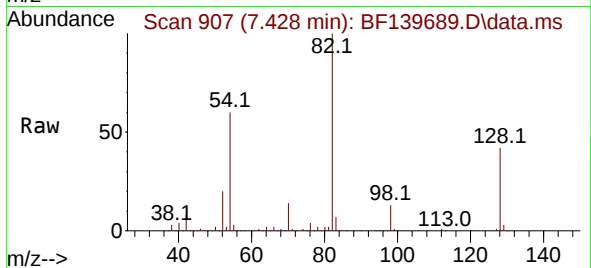




#25
Isophorone
Concen: 56.321 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139689.D
Acq: 07 Oct 2024 16:33

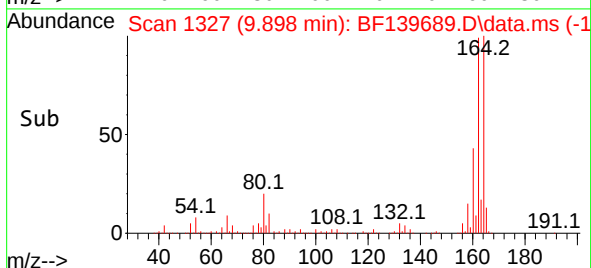
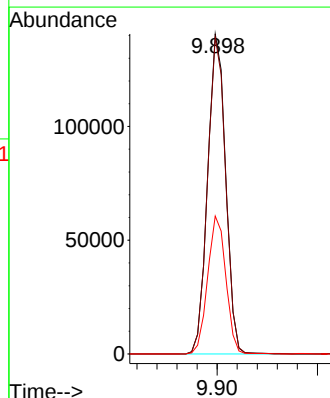
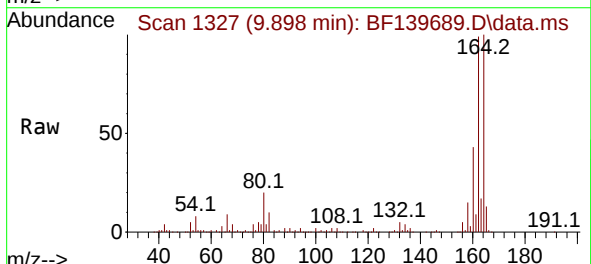
Instrument :
BNA_F
ClientSampleId :
222254

Tgt Ion: 82 Resp: 620628
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: BF139689.D
Acq: 07 Oct 2024 16:33

Tgt Ion:164 Resp: 175942
Ion Ratio Lower Upper
164 100
162 98.9 79.4 119.0
160 43.1 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 148.623 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF139689.D

Acq: 07 Oct 2024 16:33

Instrument :

BNA_F

ClientSampleId :

222254

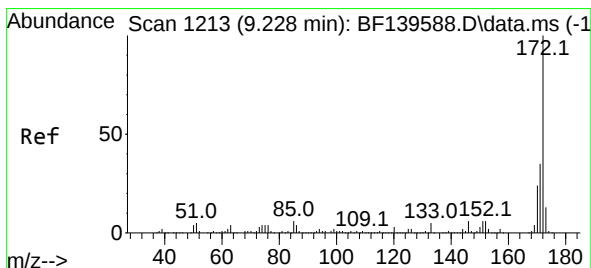
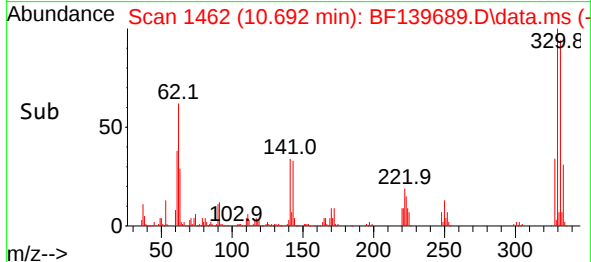
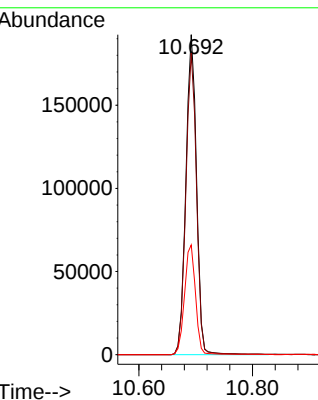
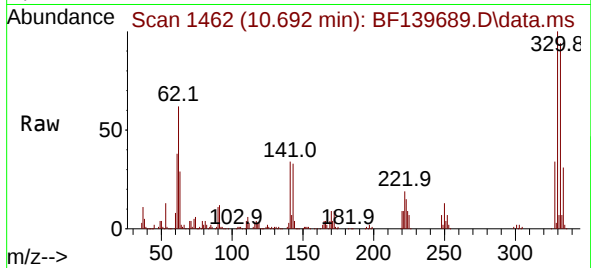
Tgt Ion:330 Resp: 252427

Ion Ratio Lower Upper

330 100

332 94.1 76.5 114.7

141 35.4 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 96.092 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF139689.D

Acq: 07 Oct 2024 16:33

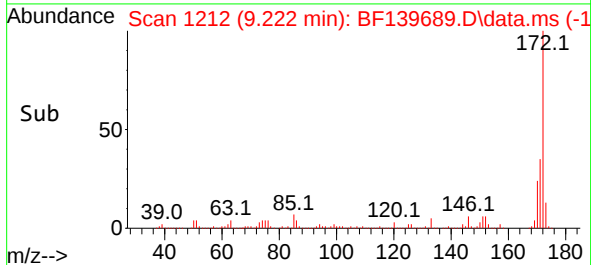
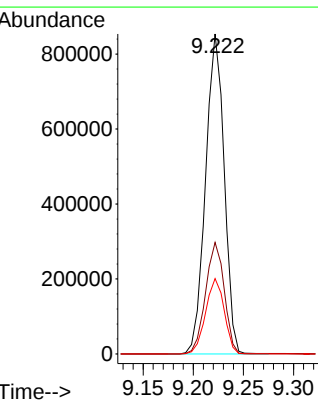
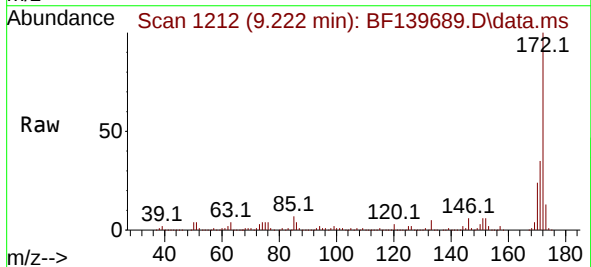
Tgt Ion:172 Resp: 1101273

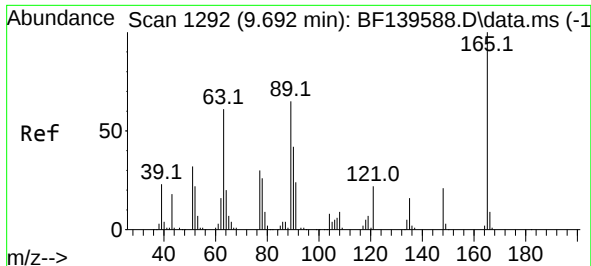
Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.4

170 23.5 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 8.741 ng

RT: 9.898 min Scan# 1

Delta R.T. 0.206 min

Lab File: BF139689.D

Acq: 07 Oct 2024 16:33

Instrument :

BNA_F

ClientSampleId :

222254

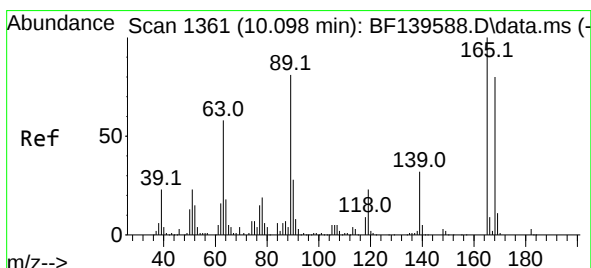
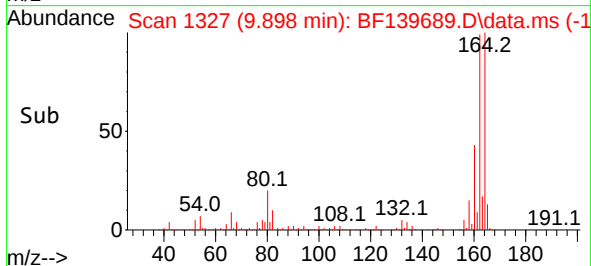
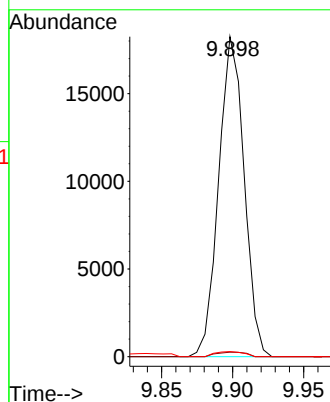
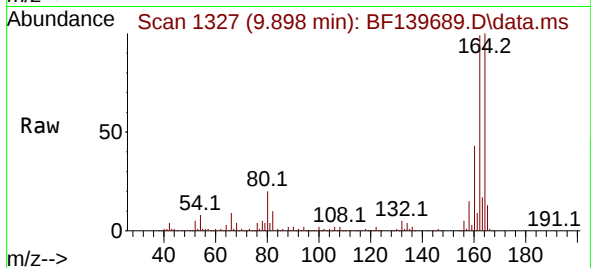
Tgt Ion:165 Resp: 22742

Ion Ratio Lower Upper

165 100

63 1.4 56.7 85.1#

89 1.6 51.6 77.4#



#57

2,4-Dinitrotoluene

Concen: 6.687 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.200 min

Lab File: BF139689.D

Acq: 07 Oct 2024 16:33

Tgt Ion:165 Resp: 22742

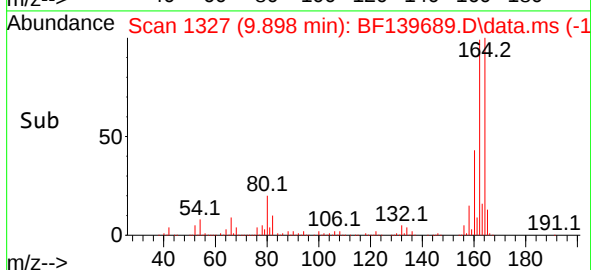
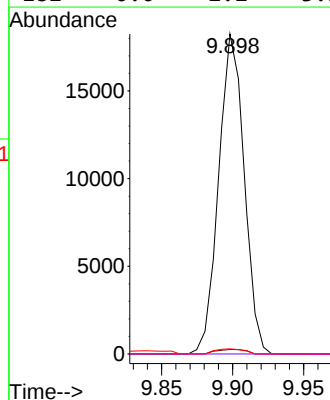
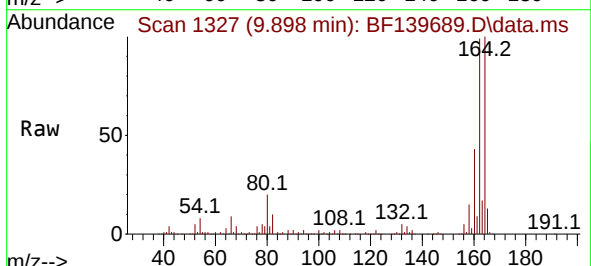
Ion Ratio Lower Upper

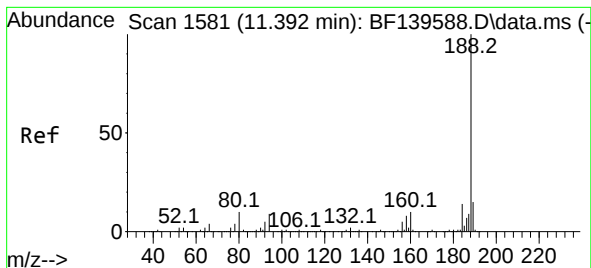
165 100

63 1.4 46.9 70.3#

89 1.6 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: BF139689.D

Acq: 07 Oct 2024 16:33

Instrument :

BNA_F

ClientSampleId :

222254

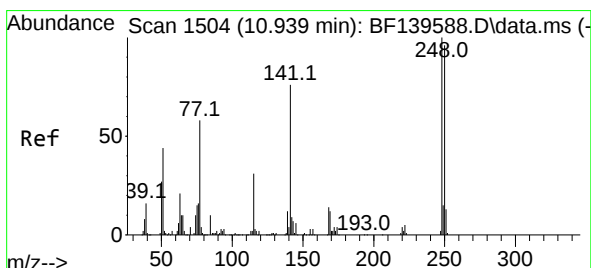
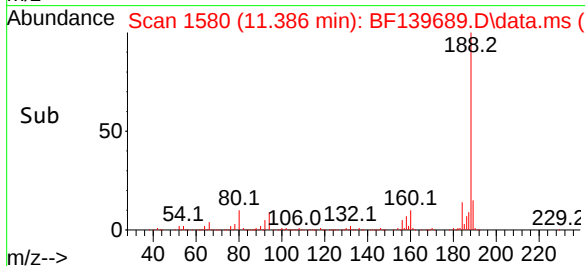
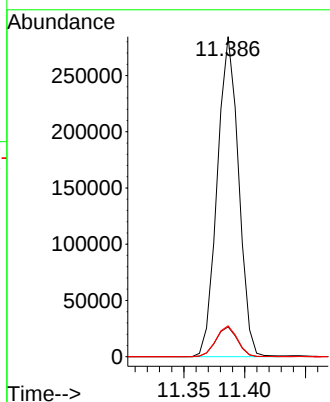
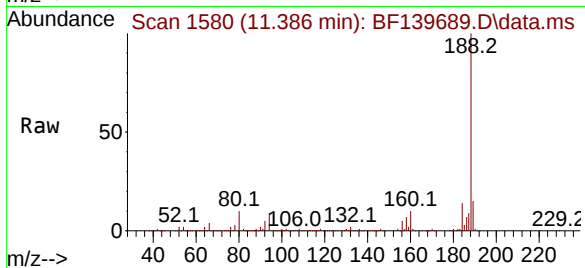
Tgt Ion:188 Resp: 347983

Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

80 9.6 8.2 12.2



#67

4-Bromophenyl-phenylether

Concen: 4.828 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF139689.D

Acq: 07 Oct 2024 16:33

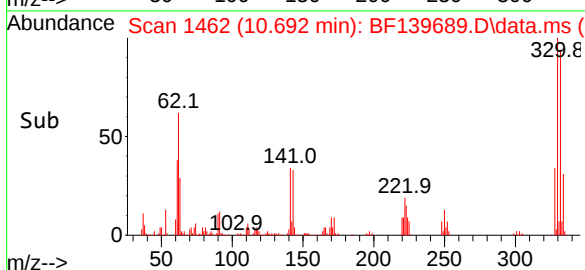
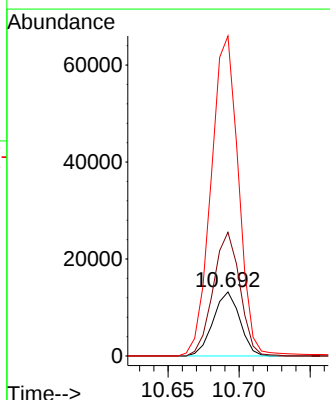
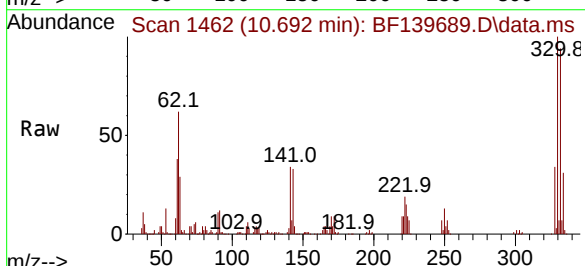
Tgt Ion:248 Resp: 17227

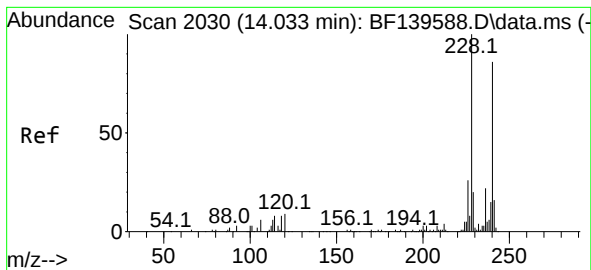
Ion Ratio Lower Upper

248 100

250 193.4 77.1 115.7#

141 500.3 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF139689.D

Acq: 07 Oct 2024 16:33

Instrument :

BNA_F

ClientSampleId :

222254

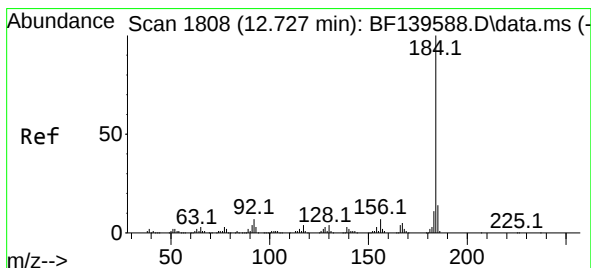
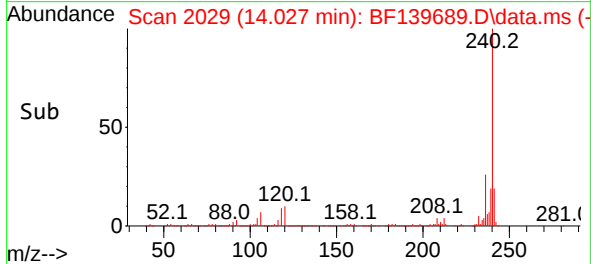
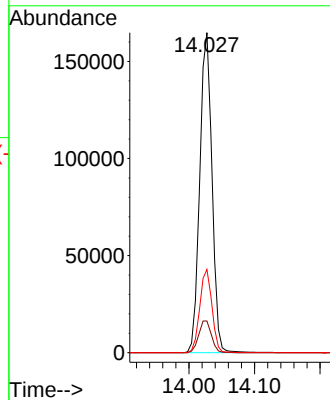
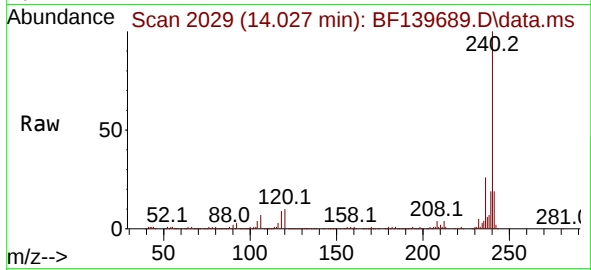
Tgt Ion:240 Resp: 214408

Ion Ratio Lower Upper

240 100

120 9.9 8.4 12.6

236 26.0 20.3 30.5



#77

Benzdine

Concen: 4.548 ng

RT: 12.974 min Scan# 1850

Delta R.T. 0.247 min

Lab File: BF139689.D

Acq: 07 Oct 2024 16:33

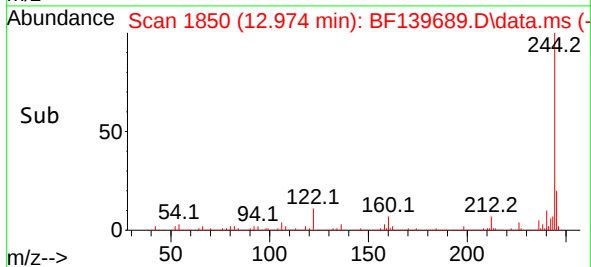
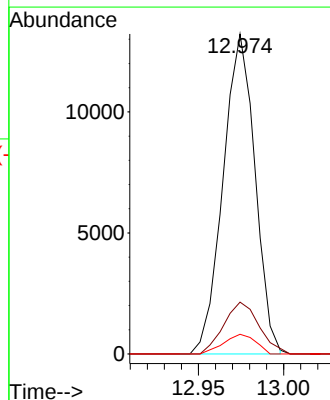
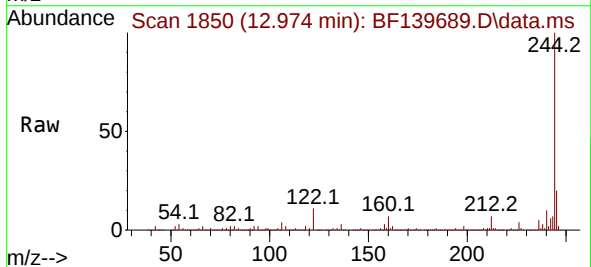
Tgt Ion:184 Resp: 17201

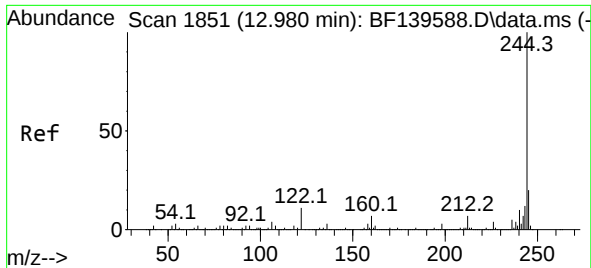
Ion Ratio Lower Upper

184 100

185 16.2 11.4 17.0

183 6.2 8.8 13.2#

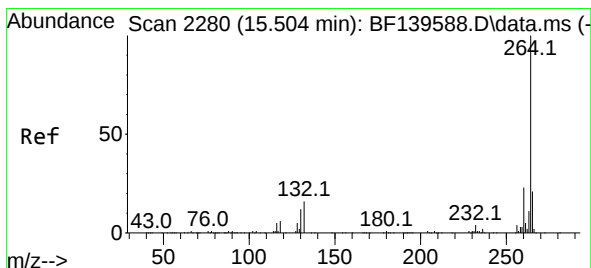
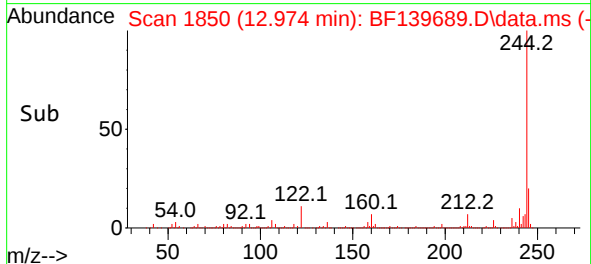
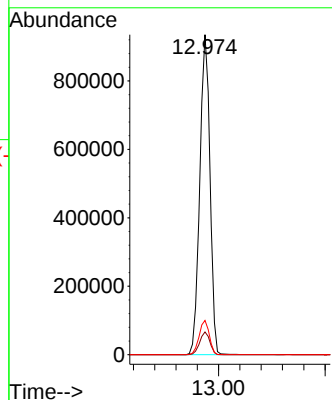
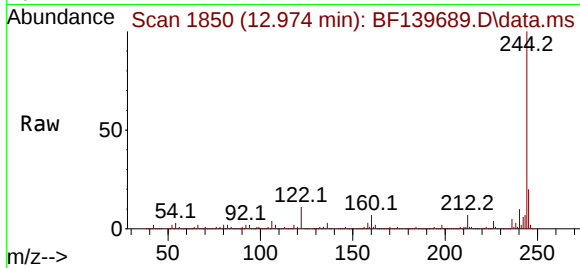




#79
 Terphenyl-d14
 Concen: 94.493 ng
 RT: 12.974 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF139689.D
 Acq: 07 Oct 2024 16:33

Instrument :
 BNA_F
 ClientSampleId :
 222254

Tgt Ion:244 Resp: 1234739
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 10.7 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2279
 Delta R.T. -0.006 min
 Lab File: BF139689.D
 Acq: 07 Oct 2024 16:33

Tgt Ion:264 Resp: 160224
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 20.8 16.9 25.3

