

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139662.D
 Acq On : 04 Oct 2024 17:26
 Operator : RC/JU
 Sample : P4222-01RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Oct 04 17:50:08 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)

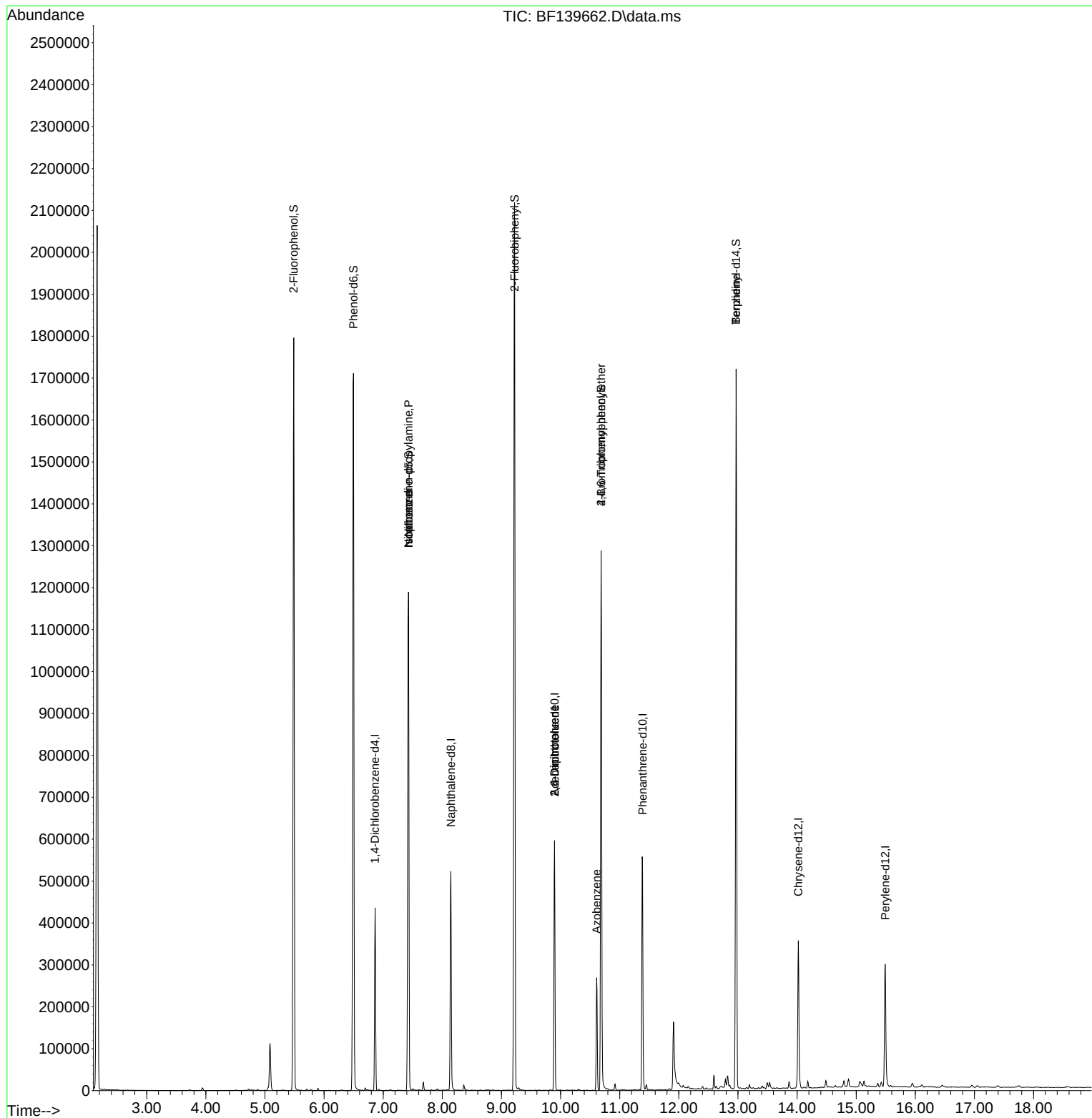
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	84315	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	319378	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	172805	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	307575	20.000	ng	0.00
76) Chrysene-d12	14.021	240	160160	20.000	ng	-0.01
86) Perylene-d12	15.492	264	174880	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	624494	128.376	ng	0.00
7) Phenol-d6	6.498	99	824915	126.099	ng	0.00
23) Nitrobenzene-d5	7.428	82	537840	85.263	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	200933	120.453	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	956997	85.019	ng	0.00
79) Terphenyl-d14	12.969	244	816384	83.638	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	73161	17.395	ng	# 75
25) Isophorone	7.428	82	532860	47.561	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	22107	8.651	ng	# 17
57) 2,4-Dinitrotoluene	9.898	165	22107	6.619	ng	# 17
63) Azobenzene	10.610	77	68944	5.868	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	13858	4.394	ng	# 1
77) Benzidine	12.969	184	11274	3.991	ng	# 91

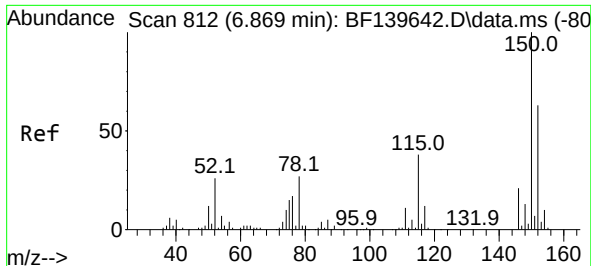
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
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Quant Time: Oct 04 17:50:08 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

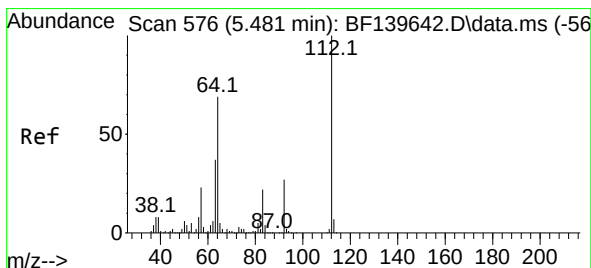
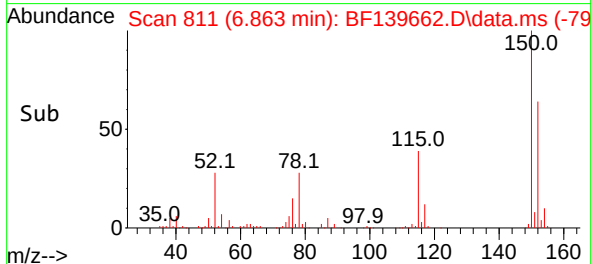
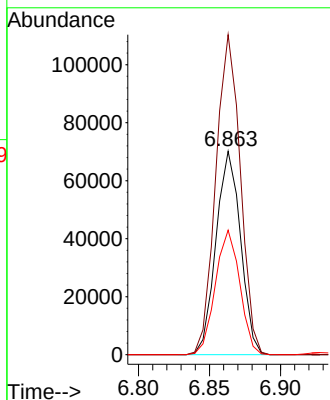
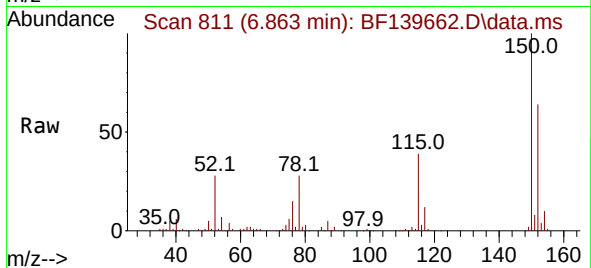




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139662.D
Acq: 04 Oct 2024 17:26

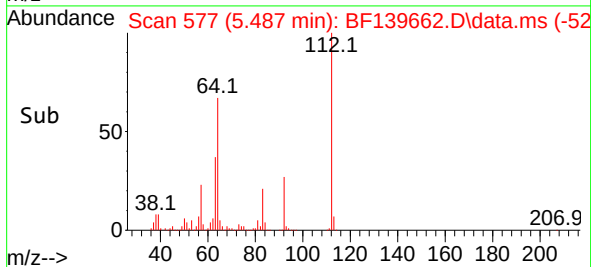
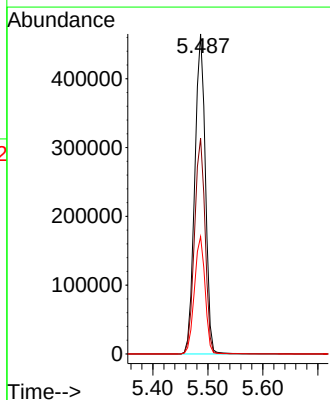
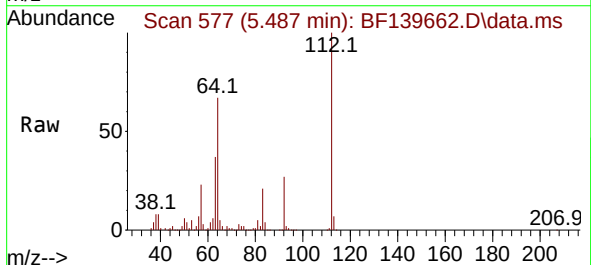
Instrument :
BNA_F
ClientSampleId :
TP-5

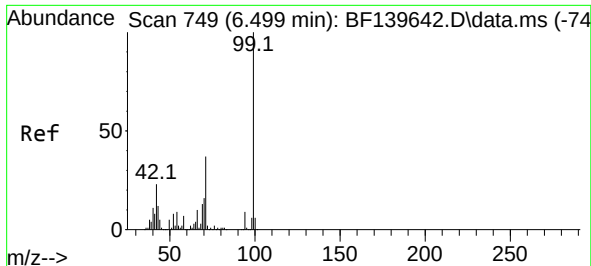
Tgt Ion:152 Resp: 84315
Ion Ratio Lower Upper
152 100
150 157.3 127.2 190.8
115 61.2 49.0 73.4



#5
2-Fluorophenol
Concen: 128.376 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139662.D
Acq: 04 Oct 2024 17:26

Tgt Ion:112 Resp: 624494
Ion Ratio Lower Upper
112 100
64 67.4 54.2 81.4
63 36.7 29.4 44.2

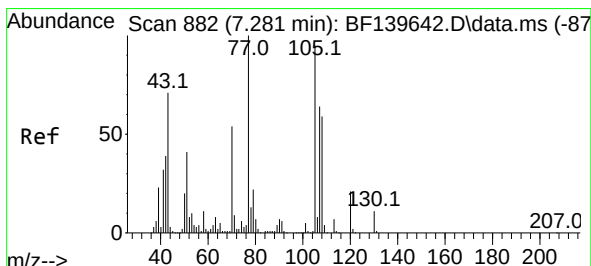
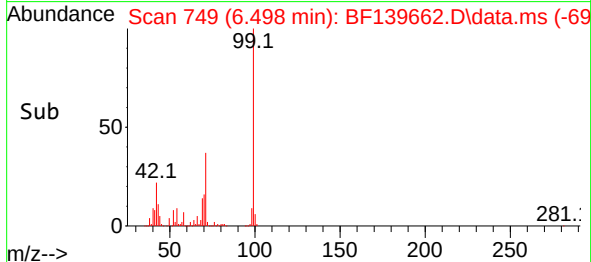
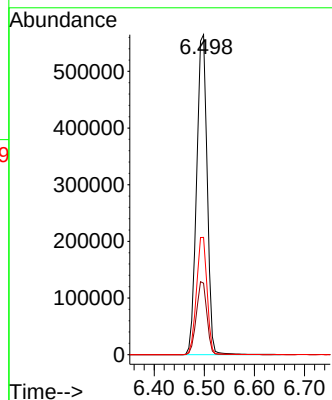
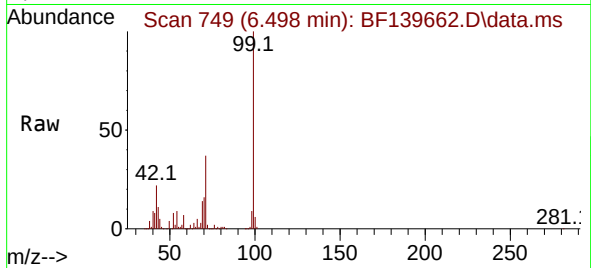




#7
Phenol-d6
Concen: 126.099 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF139662.D
Acq: 04 Oct 2024 17:26

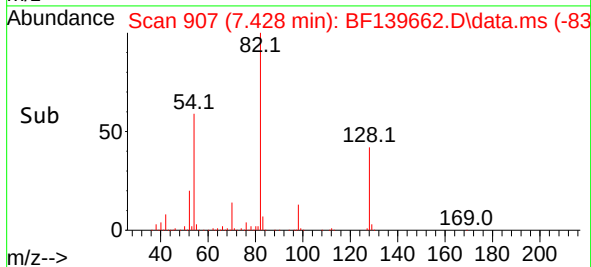
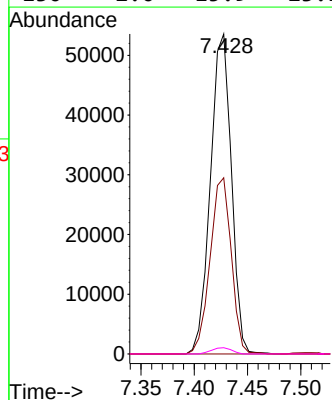
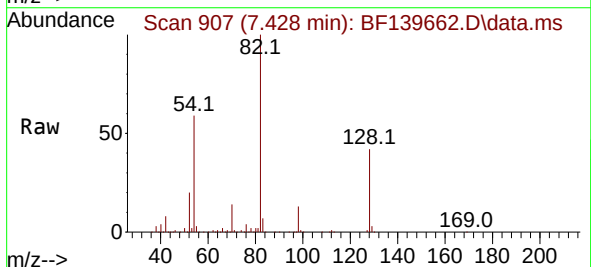
Instrument :
BNA_F
ClientSampleId :
TP-5

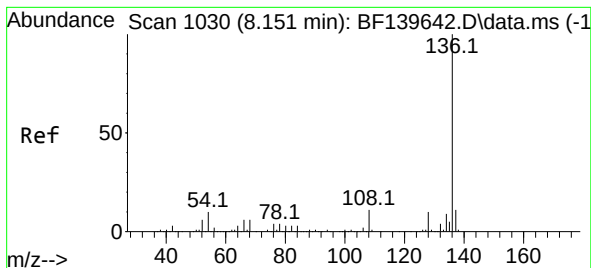
Tgt Ion:	99	Resp:	824915
Ion	Ratio	Lower	Upper
99	100		
42	22.3	19.1	28.7
71	36.7	29.7	44.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.395 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139662.D
Acq: 04 Oct 2024 17:26

Tgt Ion:	70	Resp:	73161
Ion	Ratio	Lower	Upper
70	100		
42	55.1	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# 1

Delta R.T. -0.006 min

Lab File: BF139662.D

Acq: 04 Oct 2024 17:26

Instrument :

BNA_F

ClientSampleId :

TP-5

Tgt Ion:136 Resp: 319378

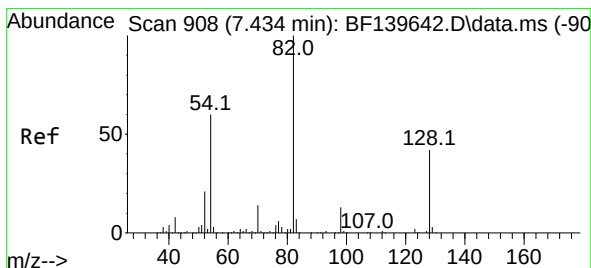
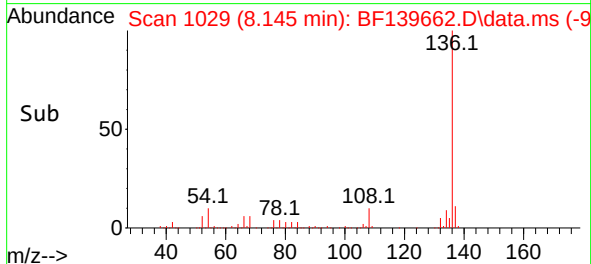
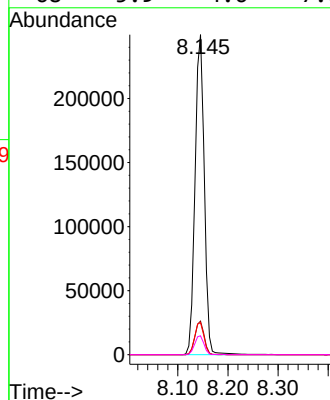
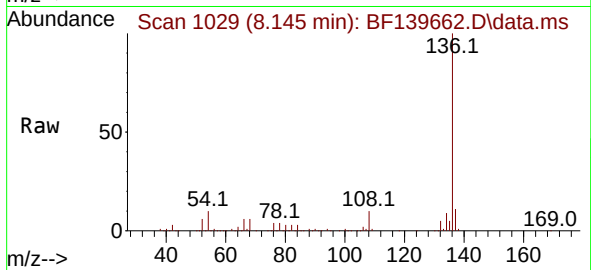
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 10.0 8.3 12.5

68 5.9 4.6 7.0



#23

Nitrobenzene-d5

Concen: 85.263 ng

RT: 7.428 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF139662.D

Acq: 04 Oct 2024 17:26

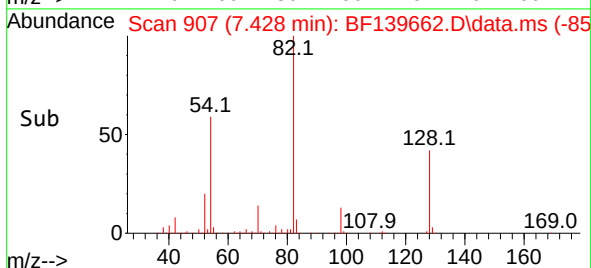
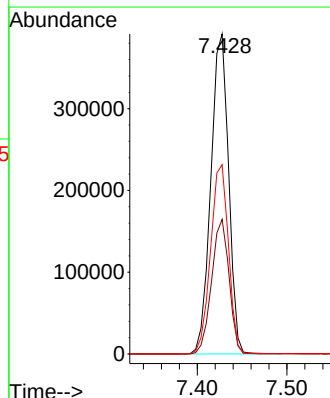
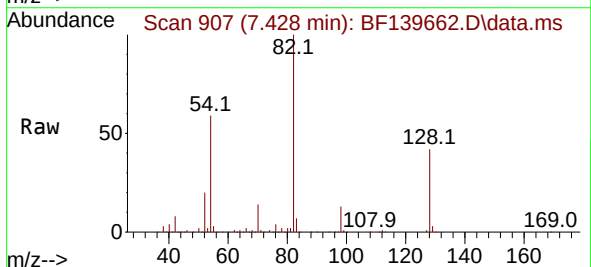
Tgt Ion: 82 Resp: 537840

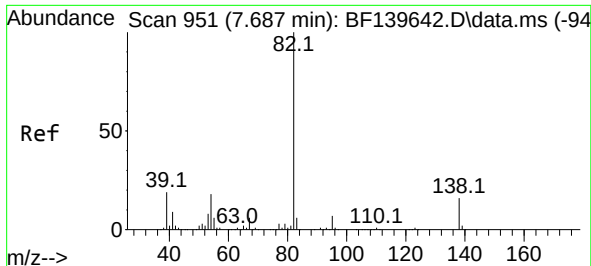
Ion Ratio Lower Upper

82 100

128 42.0 32.4 48.6

54 59.2 49.1 73.7

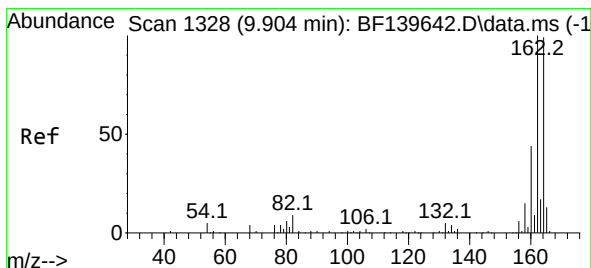
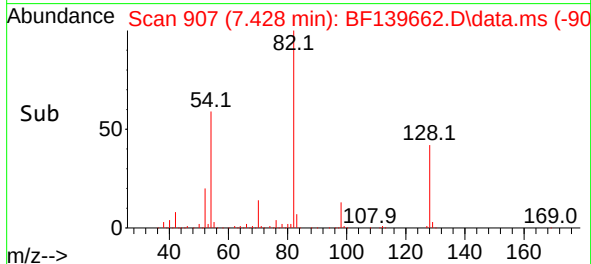
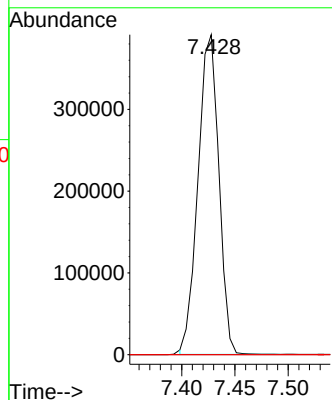
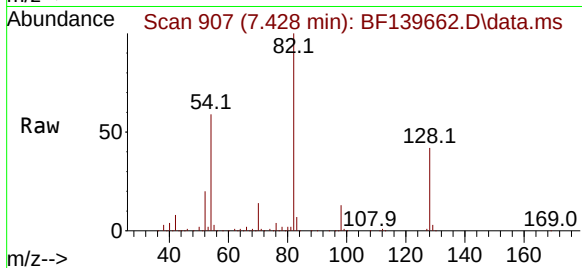




#25
Isophorone
Concen: 47.561 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139662.D
Acq: 04 Oct 2024 17:26

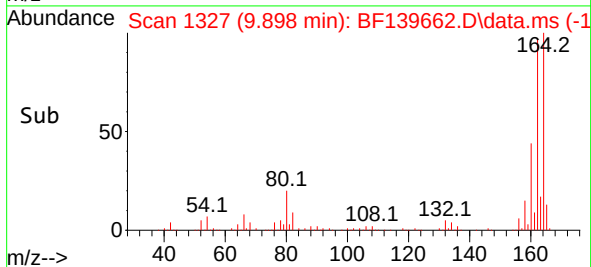
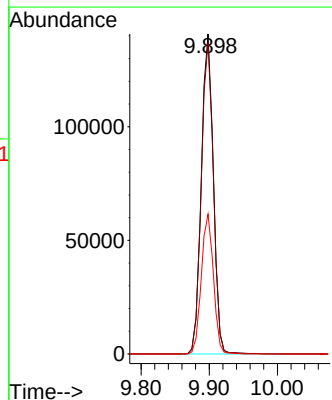
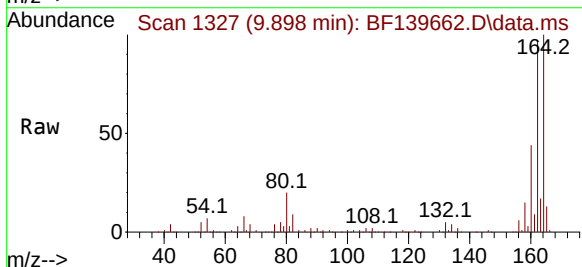
Instrument :
BNA_F
ClientSampleId :
TP-5

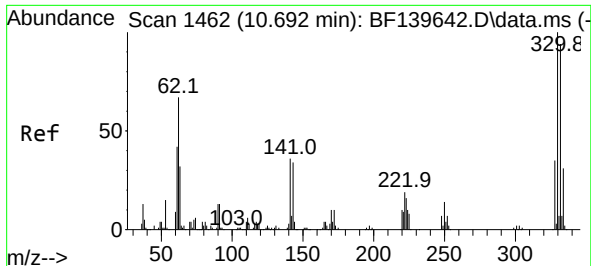
Tgt Ion: 82 Resp: 532860
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139662.D
Acq: 04 Oct 2024 17:26

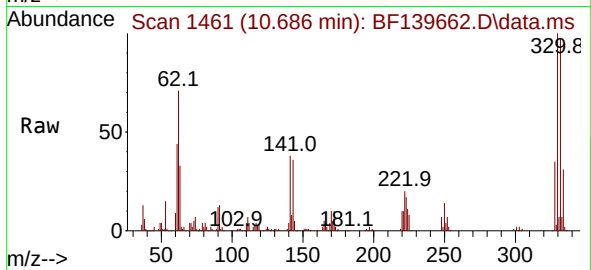
Tgt Ion: 164 Resp: 172805
Ion Ratio Lower Upper
164 100
162 97.3 79.4 119.0
160 43.7 35.1 52.7



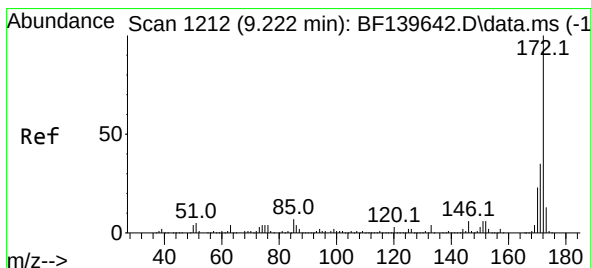
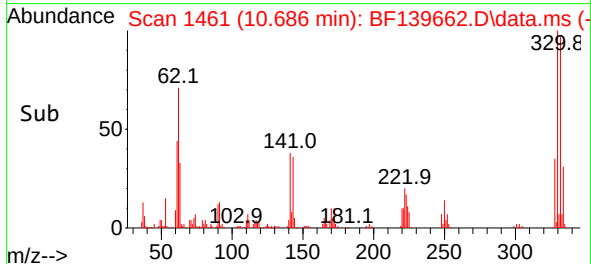
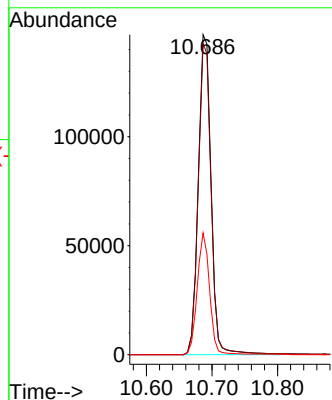


#42
2,4,6-Tribromophenol
Concen: 120.453 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF139662.D
Acq: 04 Oct 2024 17:26

Instrument :
BNA_F
ClientSampleId :
TP-5

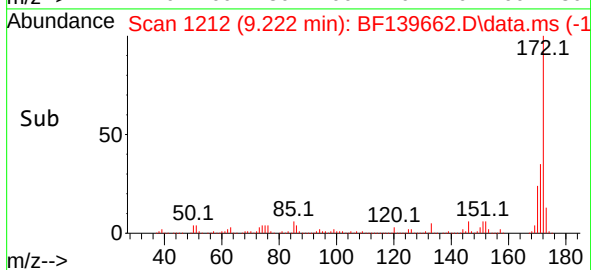
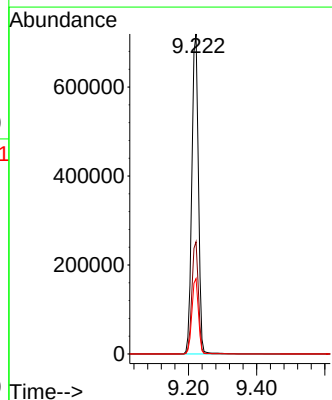
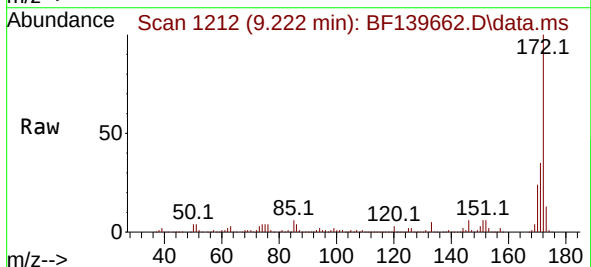


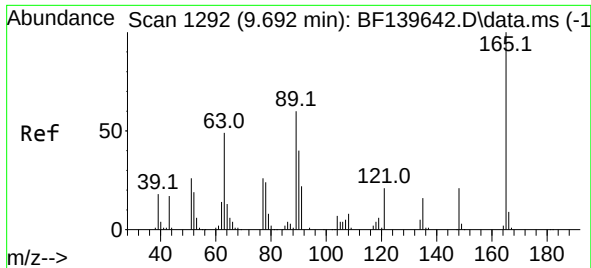
Tgt Ion:330 Resp: 200933
Ion Ratio Lower Upper
330 100
332 97.6 76.5 114.7
141 36.8 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 85.019 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139662.D
Acq: 04 Oct 2024 17:26

Tgt Ion:172 Resp: 956997
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.6 18.8 28.2

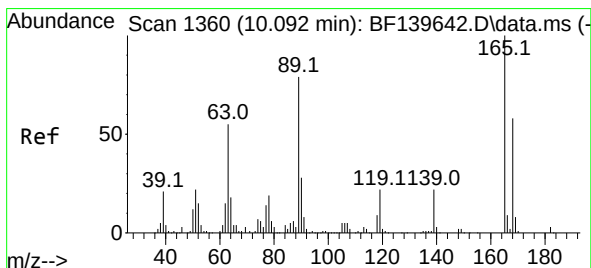
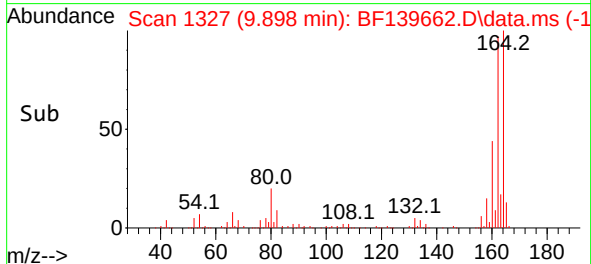
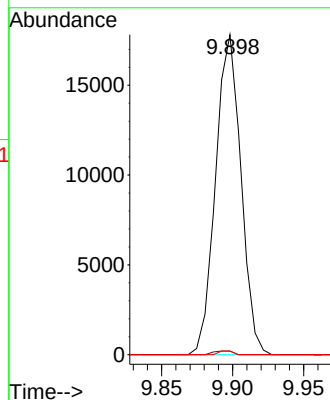
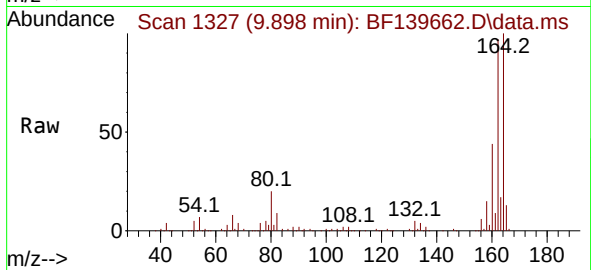




#51
2,6-Dinitrotoluene
Concen: 8.651 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139662.D
Acq: 04 Oct 2024 17:26

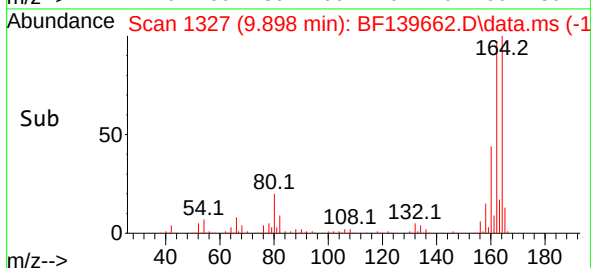
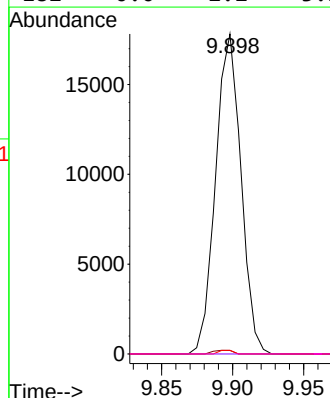
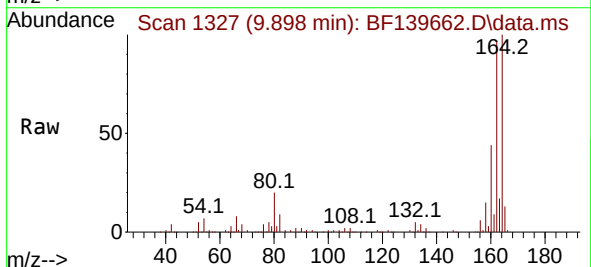
Instrument :
BNA_F
ClientSampleId :
TP-5

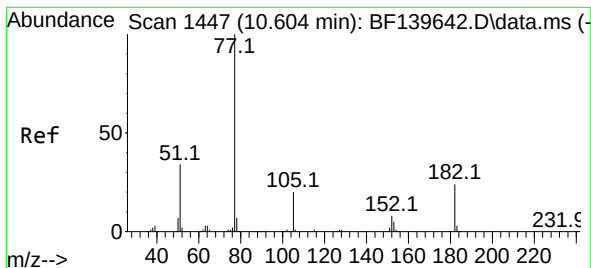
Tgt Ion:165 Resp: 22107
Ion Ratio Lower Upper
165 100
63 1.1 56.7 85.1#
89 1.1 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.619 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139662.D
Acq: 04 Oct 2024 17:26

Tgt Ion:165 Resp: 22107
Ion Ratio Lower Upper
165 100
63 1.1 46.9 70.3#
89 1.1 64.4 96.6#
182 0.0 2.2 3.2#





#63

Azobenzene

Concen: 5.868 ng

RT: 10.610 min Scan# 1447

Delta R.T. -0.000 min

Lab File: BF139662.D

Acq: 04 Oct 2024 17:26

Instrument :

BNA_F

ClientSampleId :

TP-5

Tgt Ion: 77 Resp: 68944

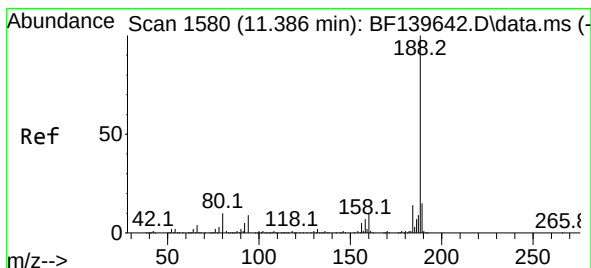
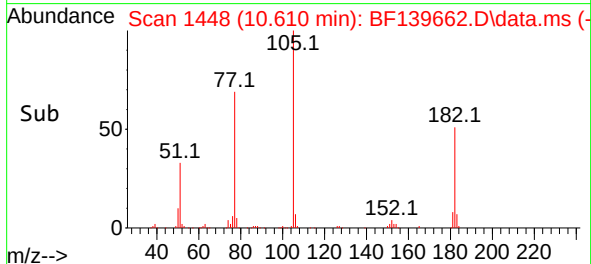
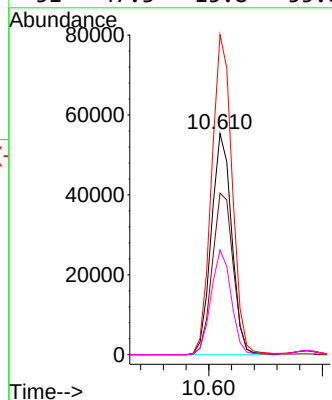
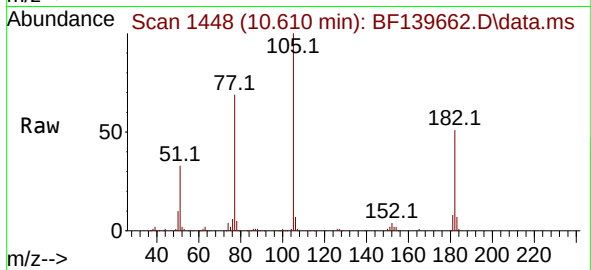
Ion Ratio Lower Upper

77 100

182 73.1 4.2 44.2#

105 144.7 0.0 39.6#

51 47.3 15.8 55.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF139662.D

Acq: 04 Oct 2024 17:26

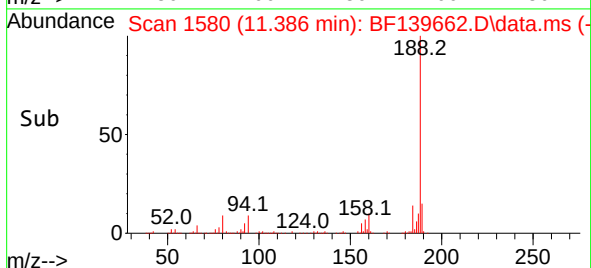
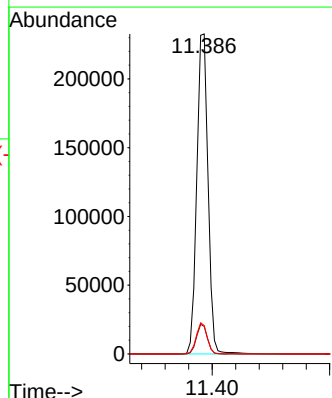
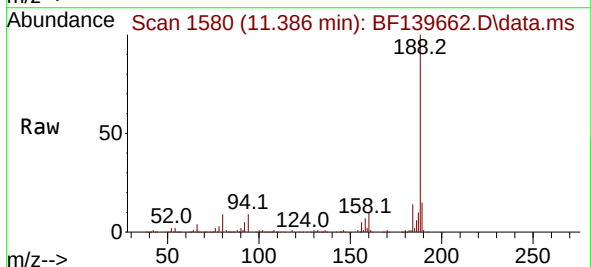
Tgt Ion: 188 Resp: 307575

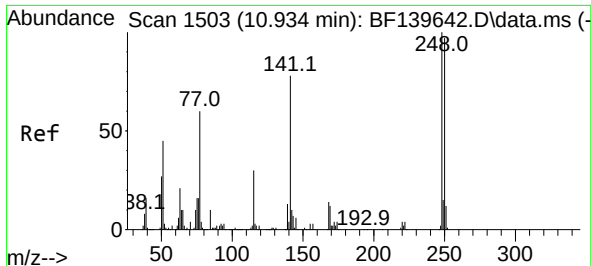
Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

80 8.9 8.2 12.2

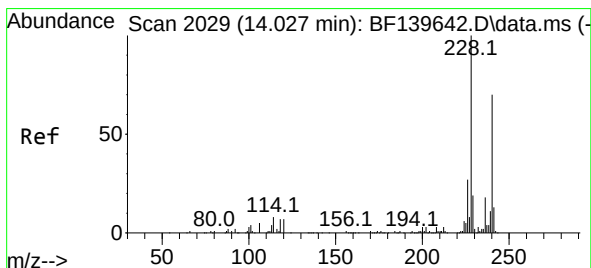
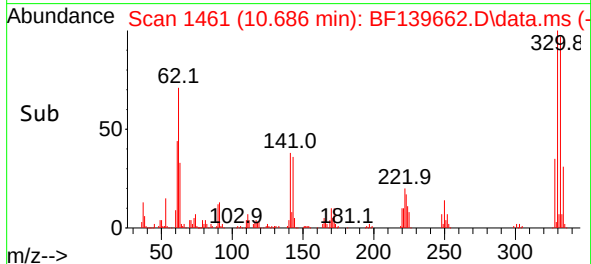
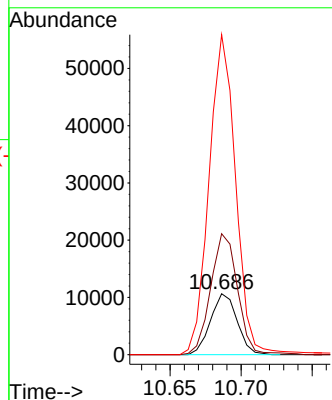
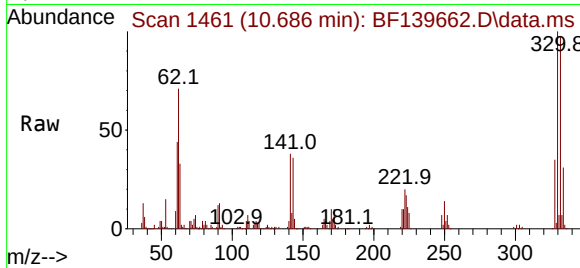




#67
4-Bromophenyl-phenylether
Concen: 4.394 ng
RT: 10.686 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF139662.D
Acq: 04 Oct 2024 17:26

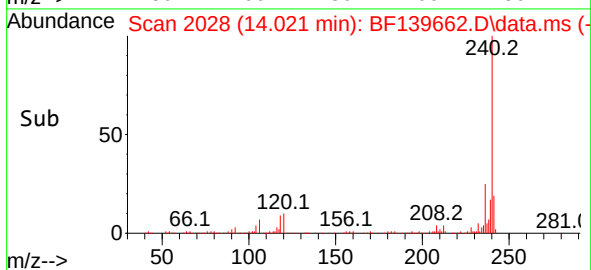
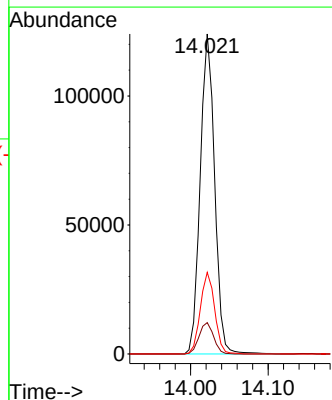
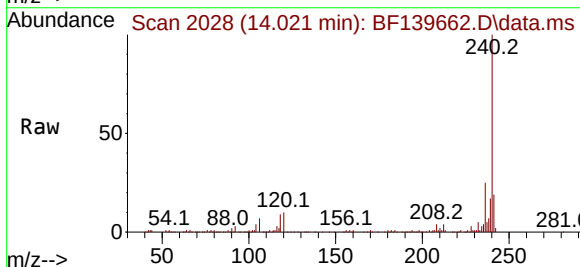
Instrument :
BNA_F
ClientSampleId :
TP-5

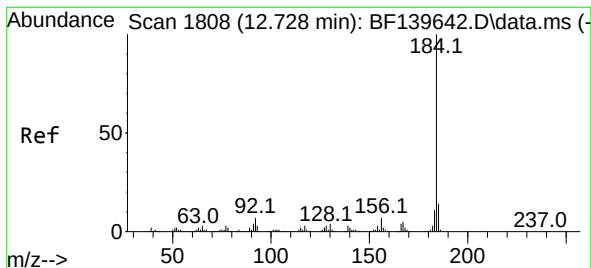
Tgt Ion:248 Resp: 13858
Ion Ratio Lower Upper
248 100
250 198.3 77.1 115.7#
141 524.9 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF139662.D
Acq: 04 Oct 2024 17:26

Tgt Ion:240 Resp: 160160
Ion Ratio Lower Upper
240 100
120 9.8 8.4 12.6
236 25.5 20.3 30.5





#77

Benzidine

Concen: 3.991 ng

RT: 12.969 min Scan# 1849

Delta R.T. 0.241 min

Lab File: BF139662.D

Acq: 04 Oct 2024 17:26

Instrument :

BNA_F

ClientSampleId :

TP-5

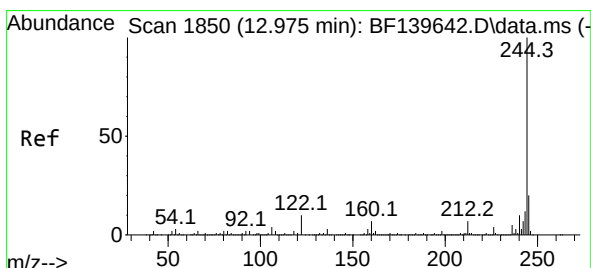
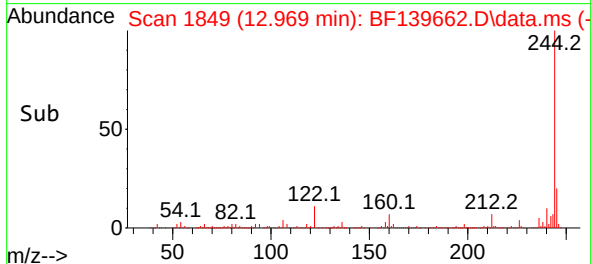
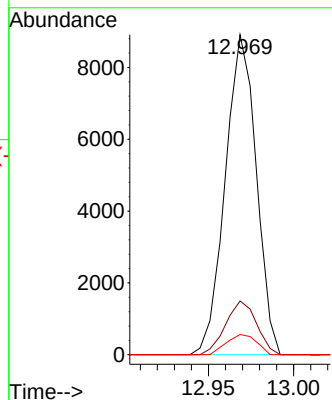
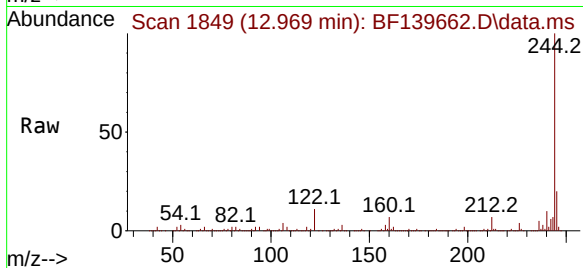
Tgt Ion:184 Resp: 11274

Ion Ratio Lower Upper

184 100

185 16.8 11.4 17.0

183 6.3 8.8 13.2#



#79

Terphenyl-d14

Concen: 83.638 ng

RT: 12.969 min Scan# 1849

Delta R.T. -0.011 min

Lab File: BF139662.D

Acq: 04 Oct 2024 17:26

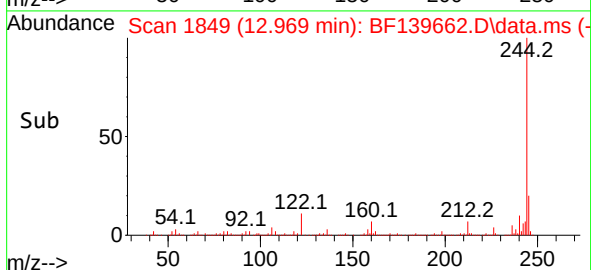
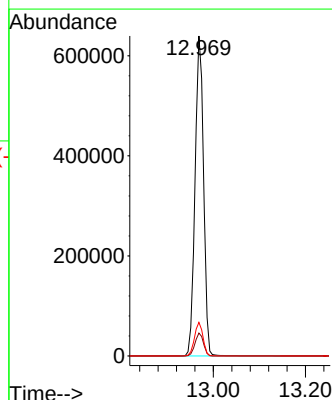
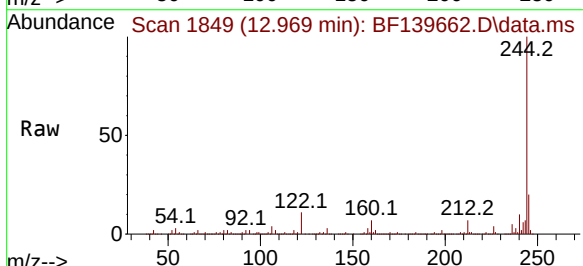
Tgt Ion:244 Resp: 816384

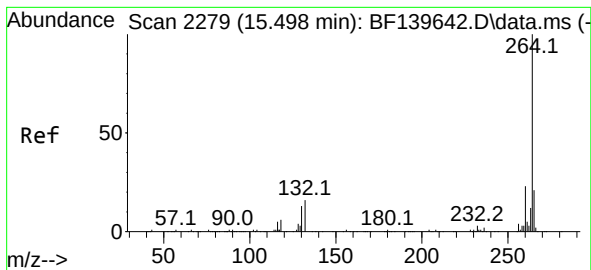
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 10.5 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF139662.D

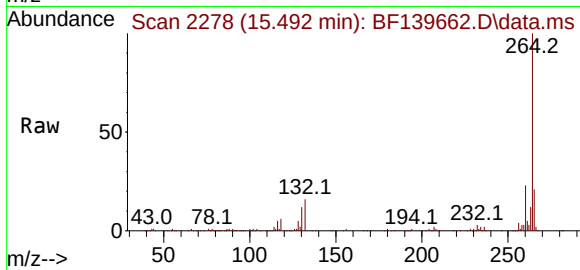
Acq: 04 Oct 2024 17:26

Instrument :

BNA_F

ClientSampleId :

TP-5



Tgt Ion:264 Resp: 174880

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.3 16.9 25.3

