

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139668.D
 Acq On : 04 Oct 2024 20:16
 Operator : RC/JU
 Sample : P4242-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-Q

Quant Time: Oct 04 22:55:32 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)

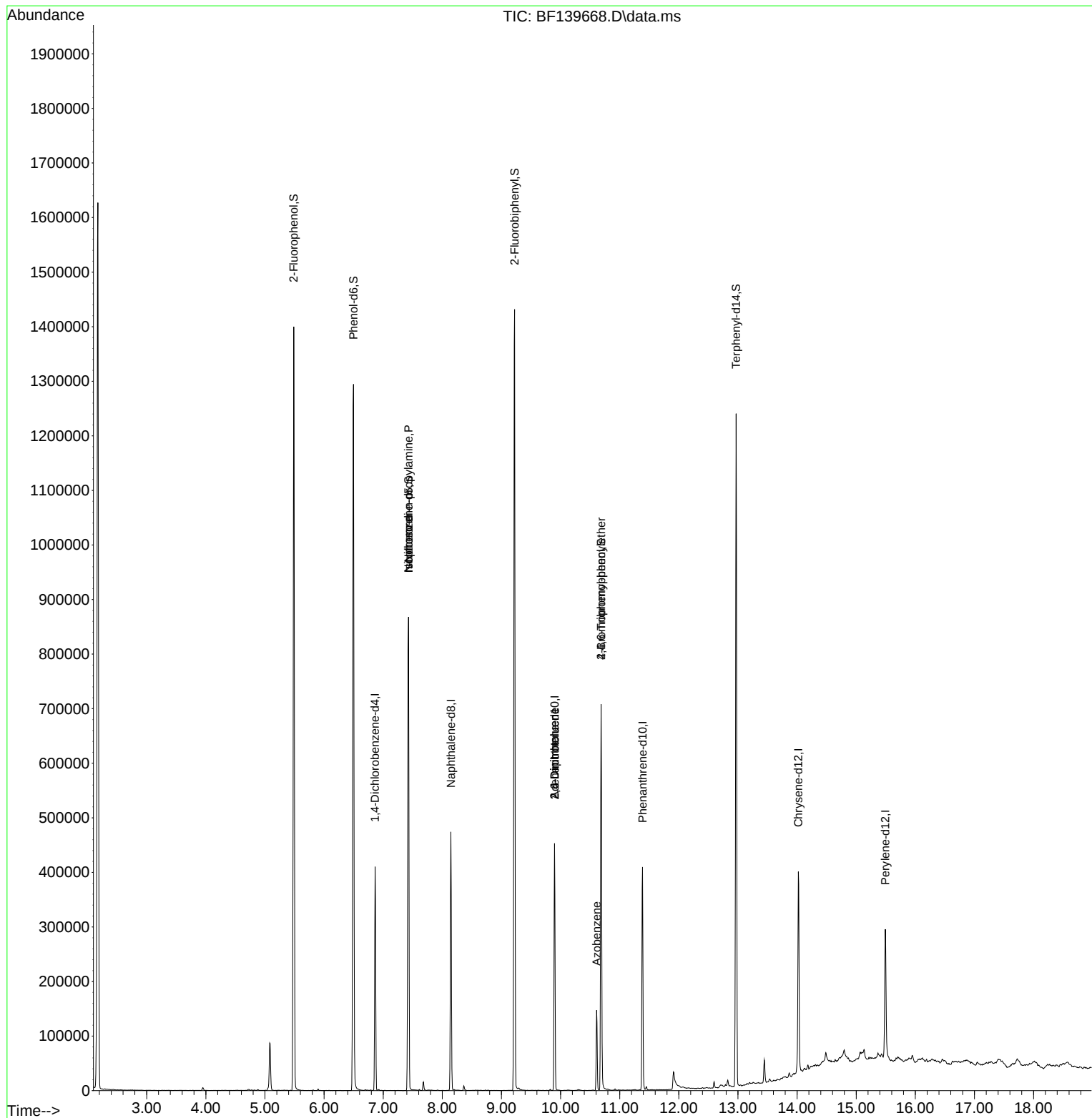
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	80545	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	279132	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	129791	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	216846	20.000	ng	0.00
76) Chrysene-d12	14.021	240	171607	20.000	ng	-0.01
86) Perylene-d12	15.492	264	131629	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	469792	101.094	ng	0.00
7) Phenol-d6	6.498	99	590780	94.535	ng	0.00
23) Nitrobenzene-d5	7.428	82	374739	67.972	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	108239	86.389	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	631742	74.723	ng	0.00
79) Terphenyl-d14	12.969	244	589260	56.342	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	50690	12.616	ng	# 76
25) Isophorone	7.428	82	371765	37.966	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	16328	8.507	ng	# 17
57) 2,4-Dinitrotoluene	9.898	165	16328	6.509	ng	# 17
63) Azobenzene	10.610	77	37642	4.265	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	7423	3.339	ng	# 1

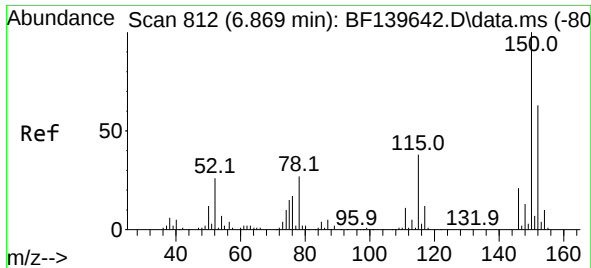
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
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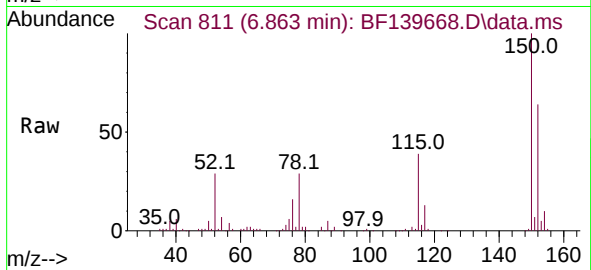
Quant Time: Oct 04 22:55:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
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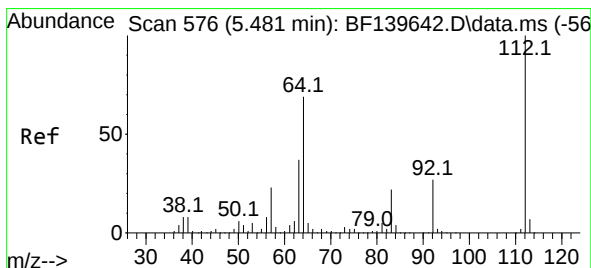
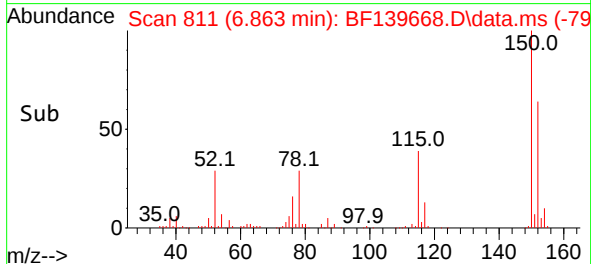
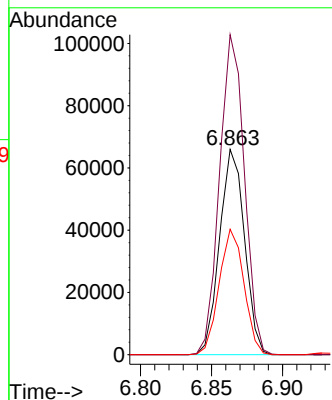


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139668.D
Acq: 04 Oct 2024 20:16

Instrument :
BNA_F
ClientSampleId :
TP-Q

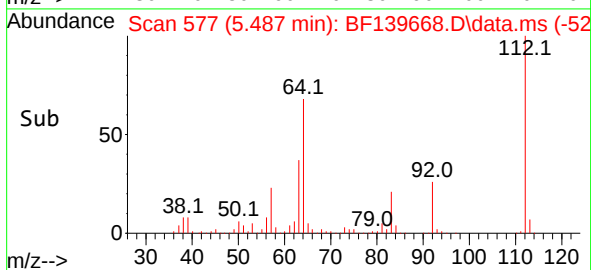
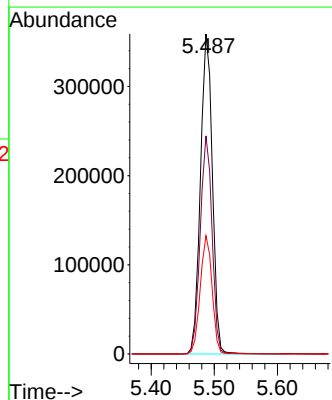
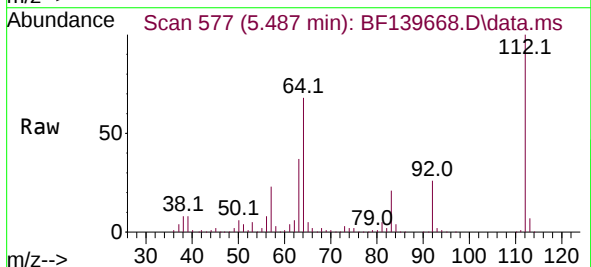


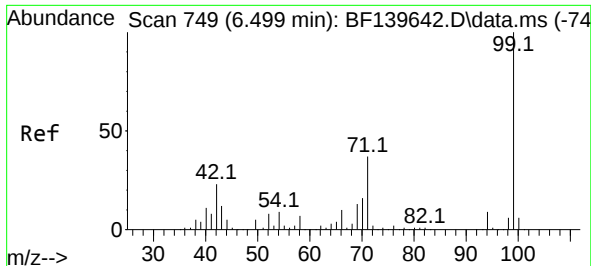
Tgt Ion:152 Resp: 80545
Ion Ratio Lower Upper
152 100
150 155.9 127.2 190.8
115 61.1 49.0 73.4



#5
2-Fluorophenol
Concen: 101.094 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139668.D
Acq: 04 Oct 2024 20:16

Tgt Ion:112 Resp: 469792
Ion Ratio Lower Upper
112 100
64 68.2 54.2 81.4
63 37.0 29.4 44.2

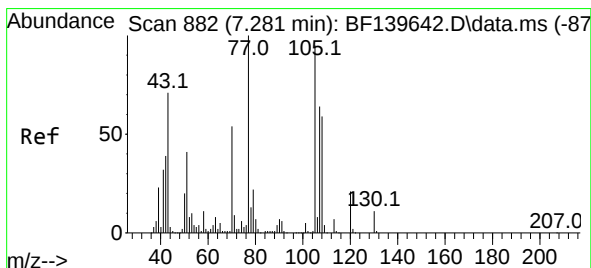
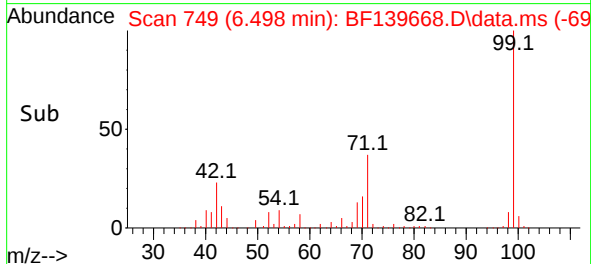
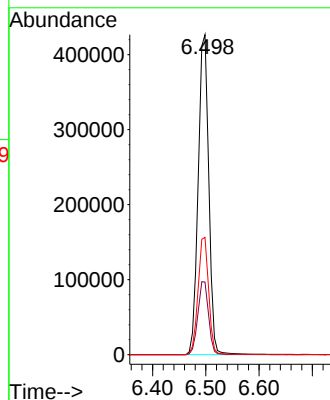
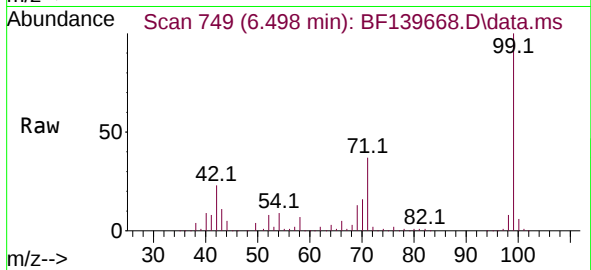




#7
Phenol-d6
Concen: 94.535 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139668.D
Acq: 04 Oct 2024 20:16

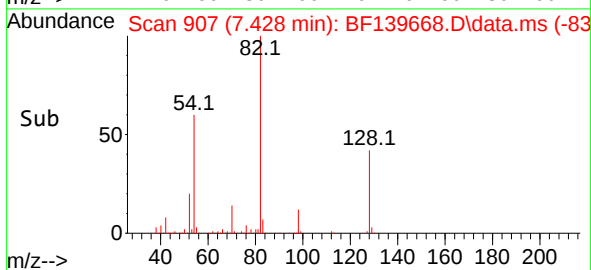
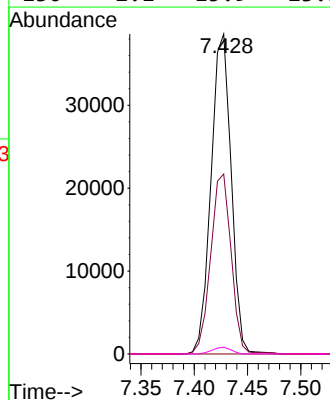
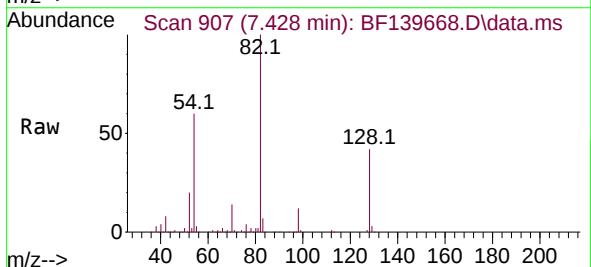
Instrument :
BNA_F
ClientSampleId :
TP-Q

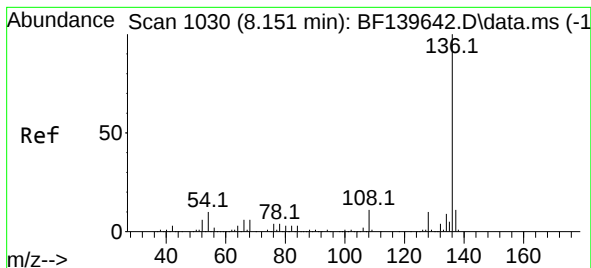
Tgt Ion: 99 Resp: 590780
Ion Ratio Lower Upper
99 100
42 22.7 19.1 28.7
71 36.6 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.616 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139668.D
Acq: 04 Oct 2024 20:16

Tgt Ion: 70 Resp: 50690
Ion Ratio Lower Upper
70 100
42 56.3 58.0 87.0#
101 0.0 7.8 11.8#
130 2.1 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: BF139668.D

Acq: 04 Oct 2024 20:16

Instrument :

BNA_F

ClientSampleId :

TP-Q

Tgt Ion:136 Resp: 279132

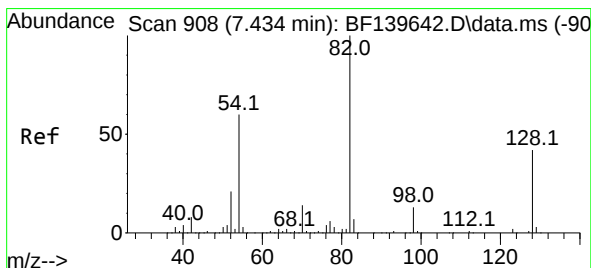
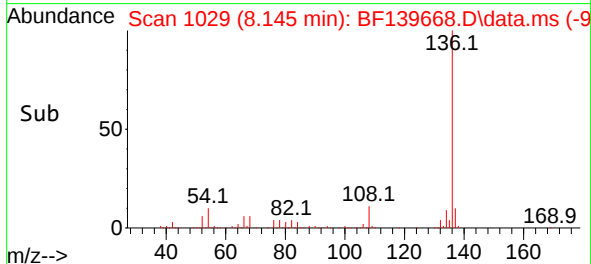
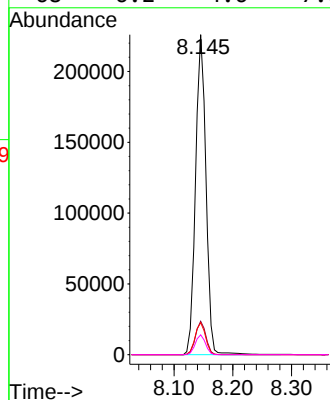
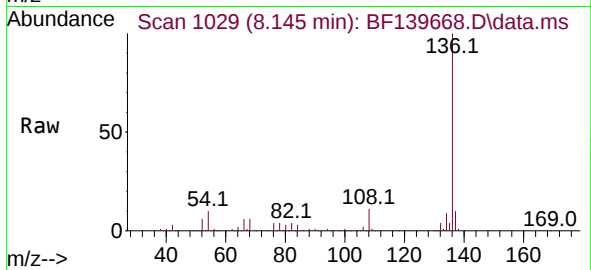
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 10.0 8.3 12.5

68 6.2 4.6 7.0



#23

Nitrobenzene-d5

Concen: 67.972 ng

RT: 7.428 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF139668.D

Acq: 04 Oct 2024 20:16

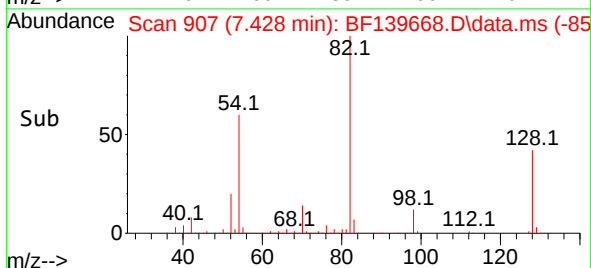
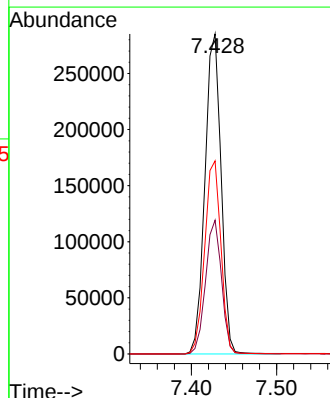
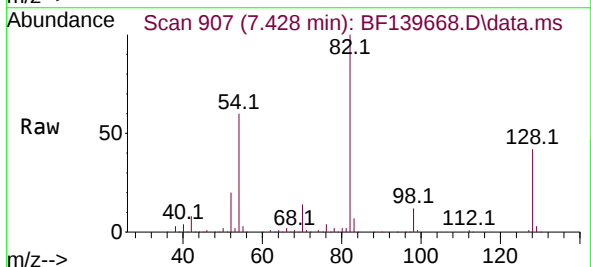
Tgt Ion: 82 Resp: 374739

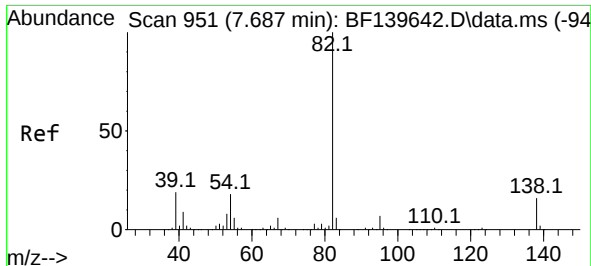
Ion Ratio Lower Upper

82 100

128 41.8 32.4 48.6

54 60.3 49.1 73.7

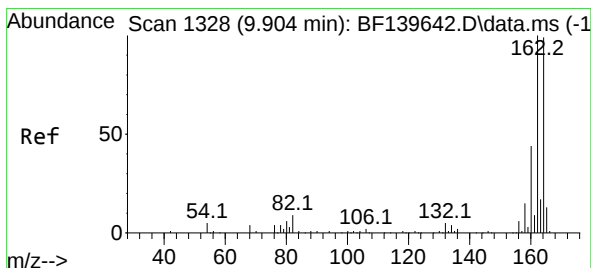
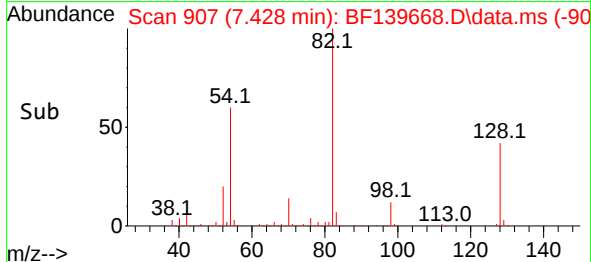
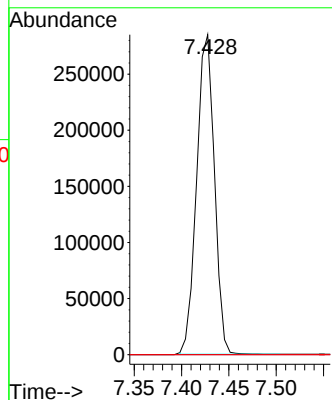
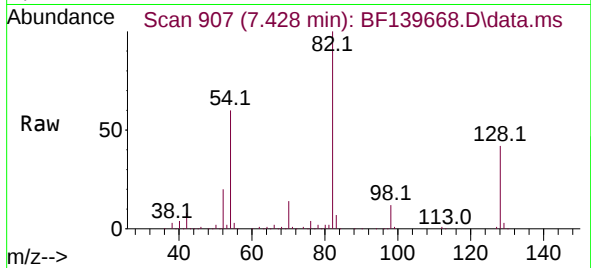




#25
Isophorone
Concen: 37.966 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139668.D
Acq: 04 Oct 2024 20:16

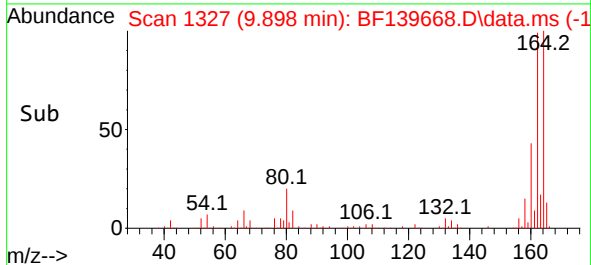
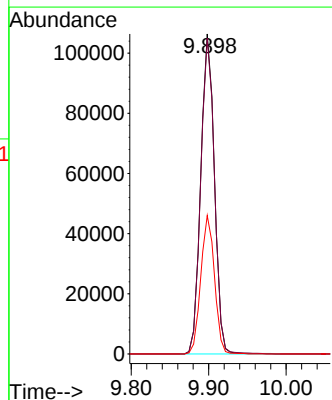
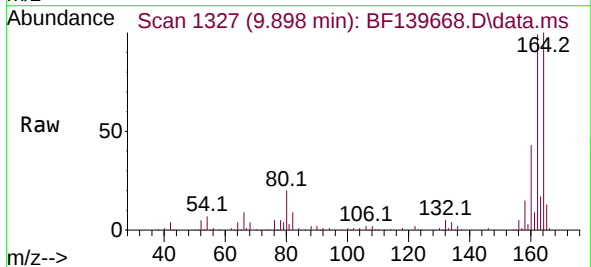
Instrument :
BNA_F
ClientSampleId :
TP-Q

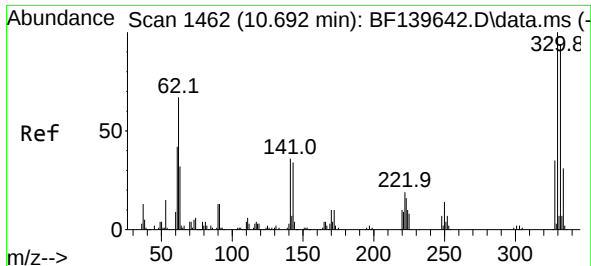
Tgt Ion: 82 Resp: 371765
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139668.D
Acq: 04 Oct 2024 20:16

Tgt Ion:164 Resp: 129791
Ion Ratio Lower Upper
164 100
162 98.7 79.4 119.0
160 43.3 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 86.389 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.012 min

Lab File: BF139668.D

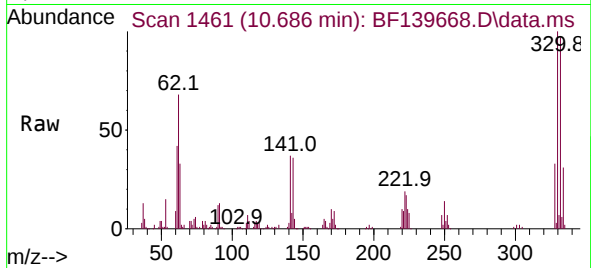
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Instrument :

BNA_F

ClientSampleId :

TP-Q



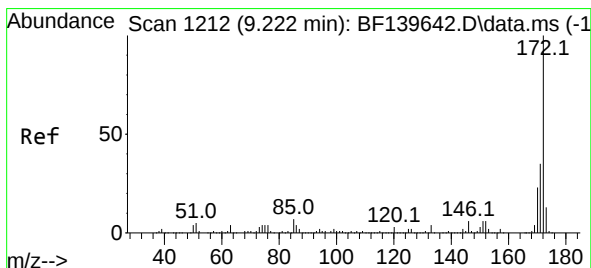
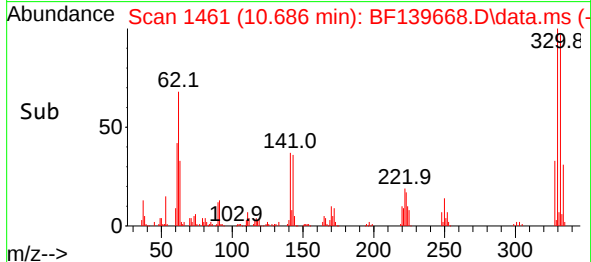
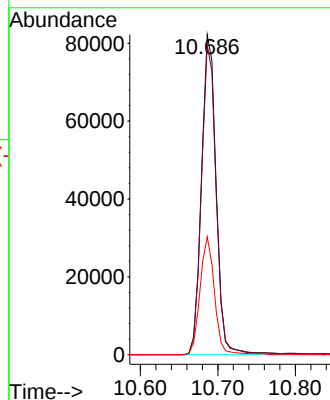
Tgt Ion:330 Resp: 108239

Ion Ratio Lower Upper

330 100

332 97.1 76.5 114.7

141 36.1 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 74.723 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF139668.D

Acq: 04 Oct 2024 20:16

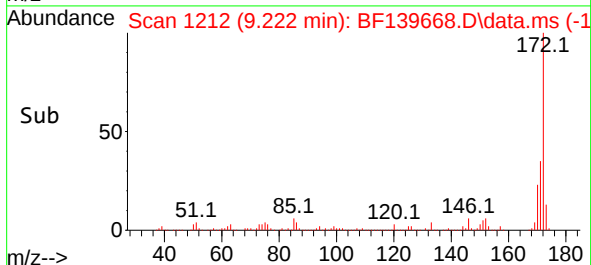
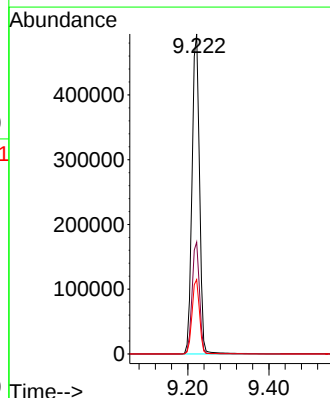
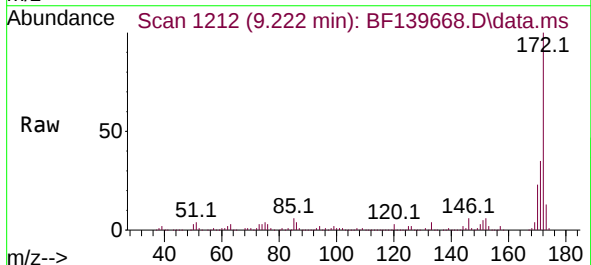
Tgt Ion:172 Resp: 631742

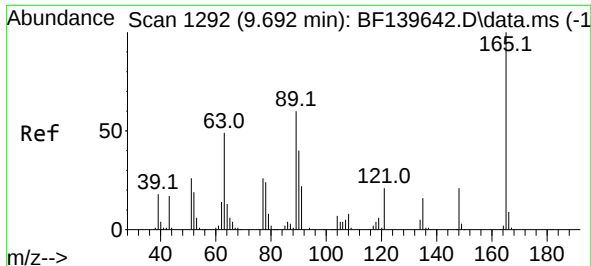
Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.4

170 23.3 18.8 28.2

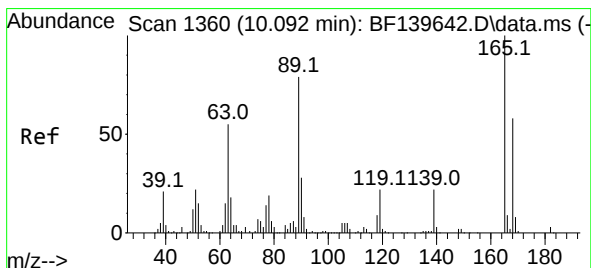
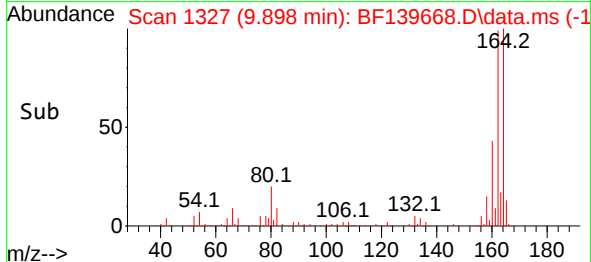
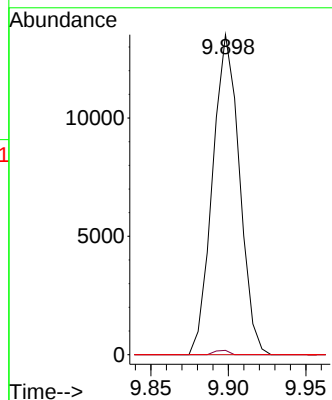
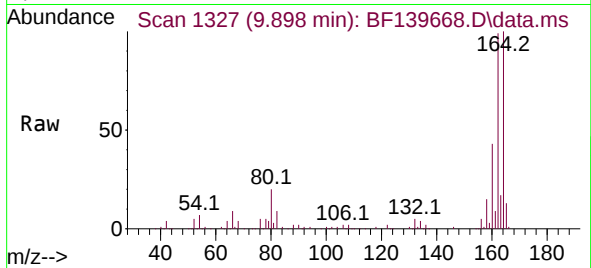




#51
2,6-Dinitrotoluene
Concen: 8.507 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139668.D
Acq: 04 Oct 2024 20:16

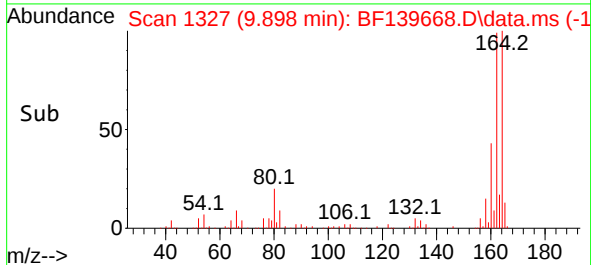
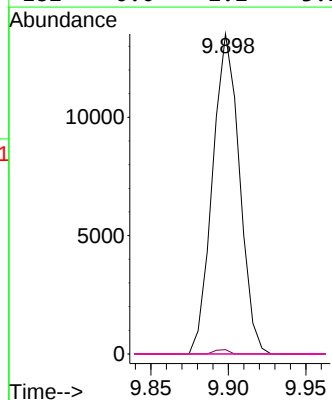
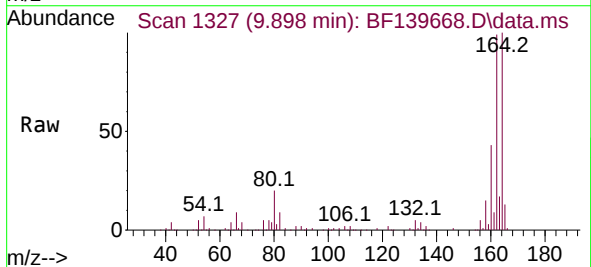
Instrument :
BNA_F
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TP-Q

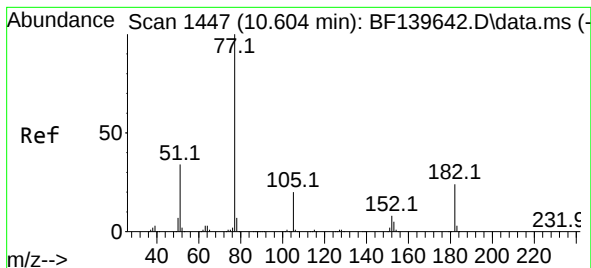
Tgt Ion:165 Resp: 16328
Ion Ratio Lower Upper
165 100
63 1.3 56.7 85.1#
89 0.0 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.509 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139668.D
Acq: 04 Oct 2024 20:16

Tgt Ion:165 Resp: 16328
Ion Ratio Lower Upper
165 100
63 1.3 46.9 70.3#
89 0.0 64.4 96.6#
182 0.0 2.2 3.2#





#63

Azobenzene

Concen: 4.265 ng

RT: 10.610 min Scan# 1447

Delta R.T. -0.000 min

Lab File: BF139668.D

Acq: 04 Oct 2024 20:16

Instrument :

BNA_F

ClientSampleId :

TP-Q

Tgt Ion: 77 Resp: 37642

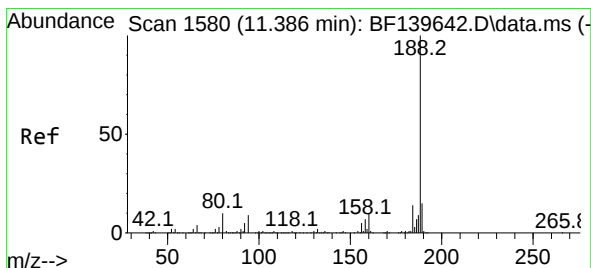
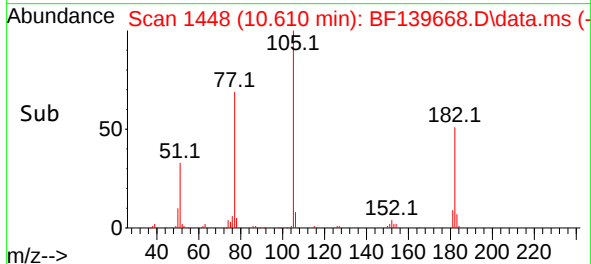
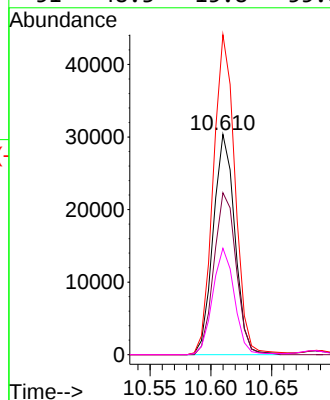
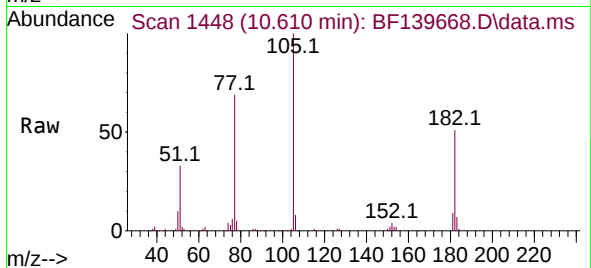
Ion Ratio Lower Upper

77 100

182 73.5 4.2 44.2#

105 145.3 0.0 39.6#

51 48.3 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: BF139668.D

Acq: 04 Oct 2024 20:16

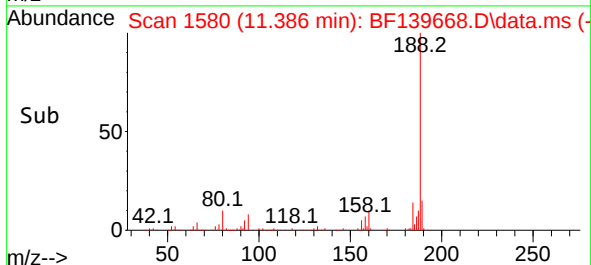
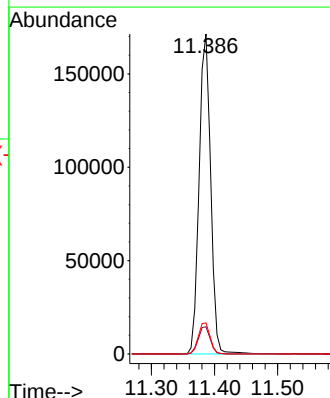
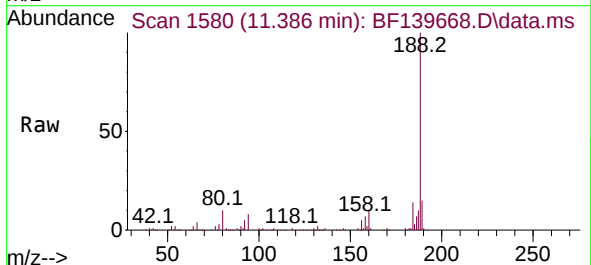
Tgt Ion: 188 Resp: 216846

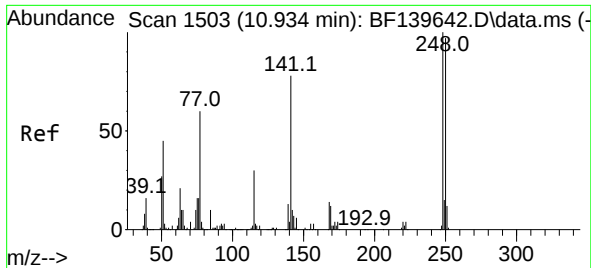
Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.2

80 9.7 8.2 12.2

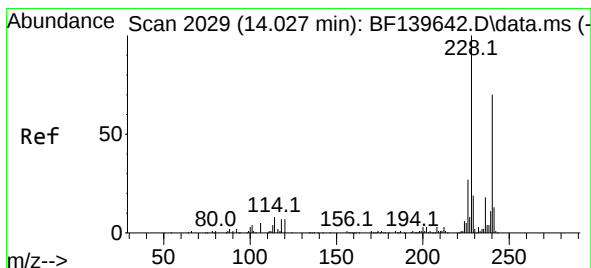
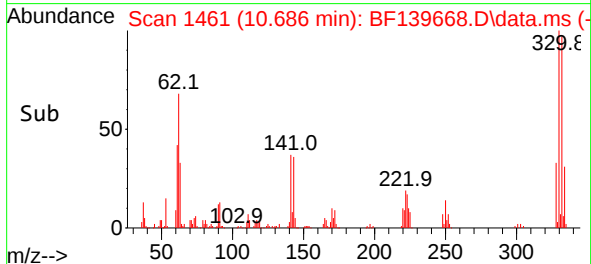
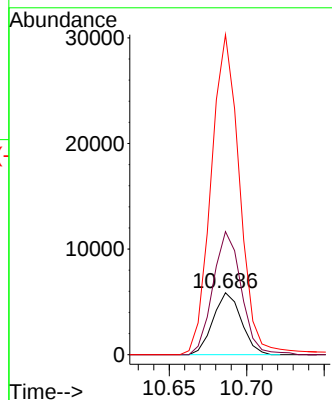
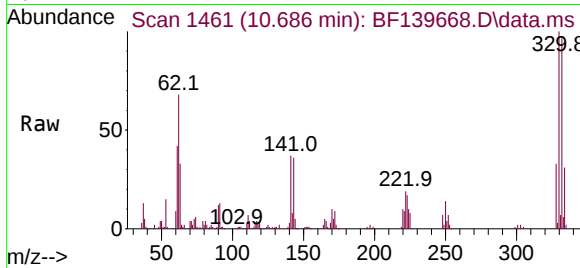




#67
4-Bromophenyl-phenylether
Concen: 3.339 ng
RT: 10.686 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF139668.D
Acq: 04 Oct 2024 20:16

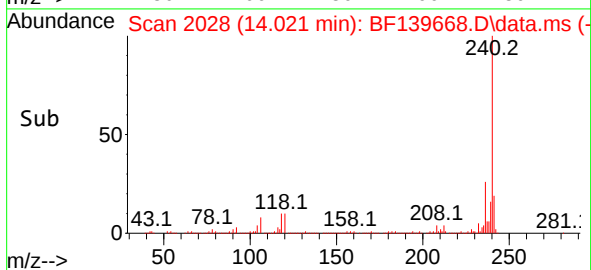
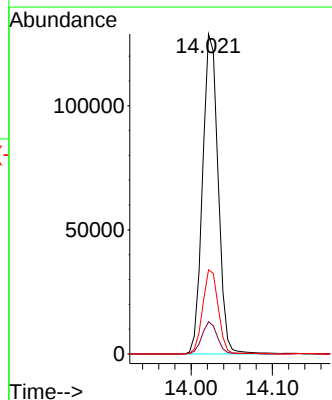
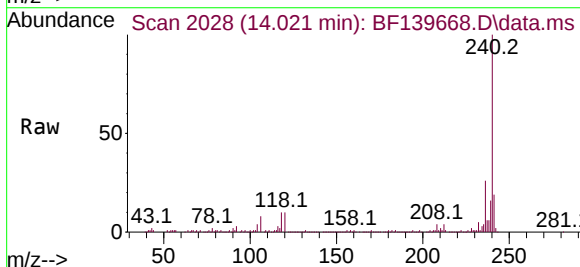
Instrument :
BNA_F
ClientSampleId :
TP-Q

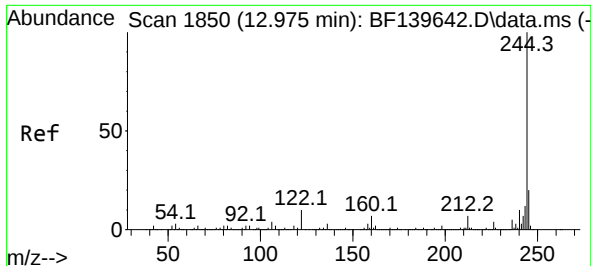
Tgt Ion:248 Resp: 7423
Ion Ratio Lower Upper
248 100
250 198.9 77.1 115.7#
141 517.1 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF139668.D
Acq: 04 Oct 2024 20:16

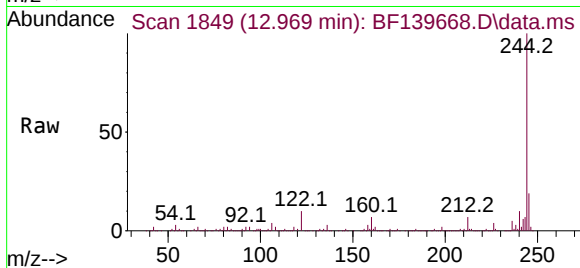
Tgt Ion:240 Resp: 171607
Ion Ratio Lower Upper
240 100
120 10.1 8.4 12.6
236 26.3 20.3 30.5



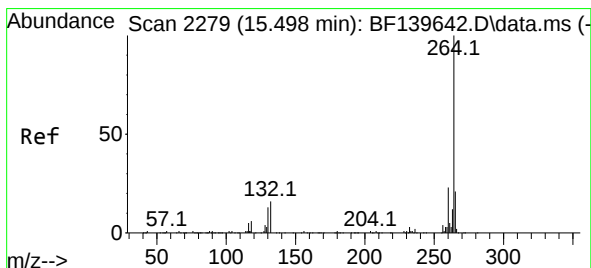
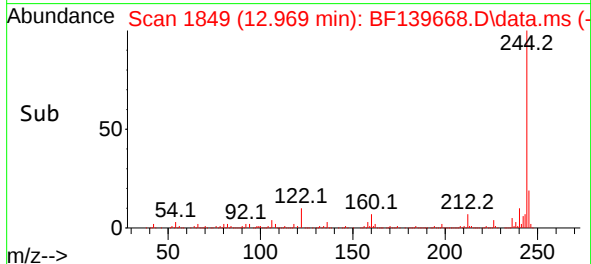
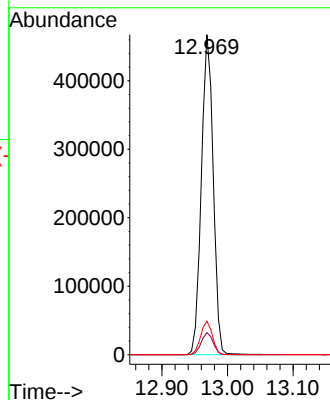


#79
Terphenyl-d14
Concen: 56.342 ng
RT: 12.969 min Scan# 1849
Delta R.T. -0.011 min
Lab File: BF139668.D
Acq: 04 Oct 2024 20:16

Instrument :
BNA_F
ClientSampleId :
TP-Q



Tgt Ion:244 Resp: 589260
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 10.5 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2278
Delta R.T. -0.012 min
Lab File: BF139668.D
Acq: 04 Oct 2024 20:16

Tgt Ion:264 Resp: 131629
Ion Ratio Lower Upper
264 100
260 22.9 18.7 28.1
265 21.6 16.9 25.3

