

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101424\
 Data File : BF139788.D
 Acq On : 14 Oct 2024 14:58
 Operator : RC/JU
 Sample : PB164005BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164005BL

Quant Time: Oct 14 15:26:05 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)

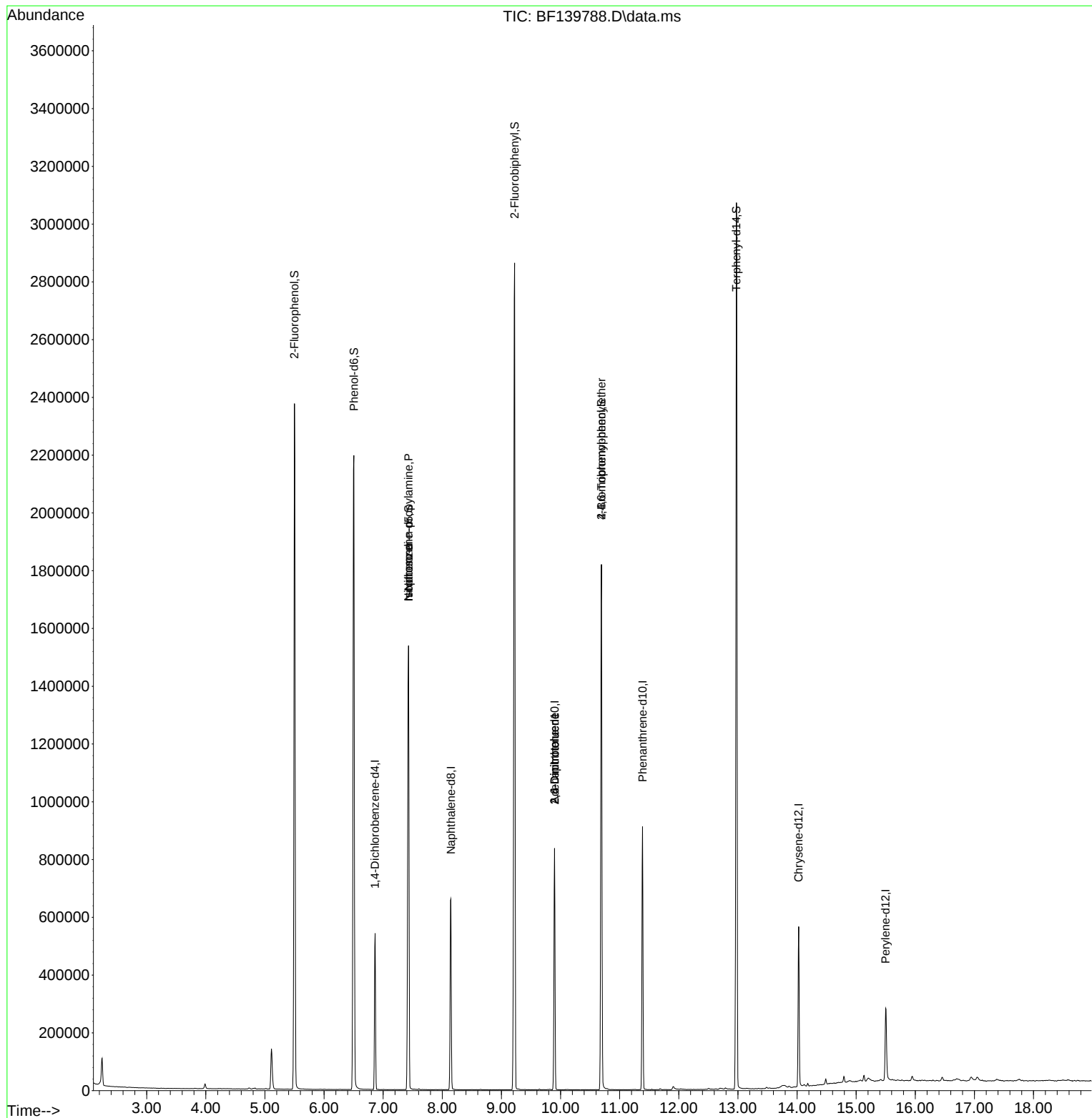
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	109810	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	430655	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	250031	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	474406	20.000	ng	0.00
76) Chrysene-d12	14.027	240	266535	20.000	ng	0.00
86) Perylene-d12	15.498	264	162874	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	864668	136.480	ng	0.01
7) Phenol-d6	6.504	99	1128335	132.435	ng	0.00
23) Nitrobenzene-d5	7.428	82	750007	88.175	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	307605	127.444	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1375139	84.433	ng	0.00
79) Terphenyl-d14	12.974	244	1559520	96.006	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	101822	18.589	ng	# 75
25) Isophorone	7.428	82	739556	48.953	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	31935	8.637	ng	# 17
57) 2,4-Dinitrotoluene	9.898	165	31935	6.608	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	20739	4.264	ng	# 1

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

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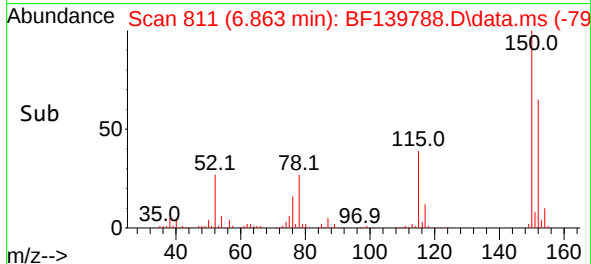
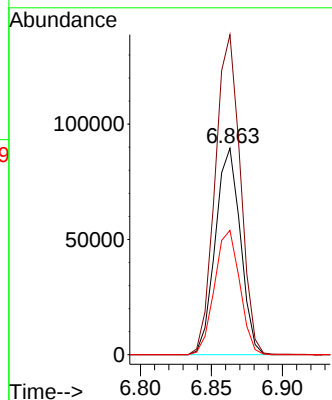
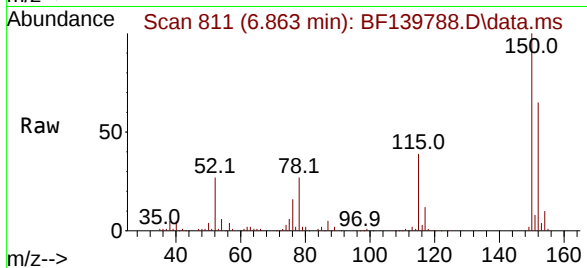




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139788.D
Acq: 14 Oct 2024 14:58

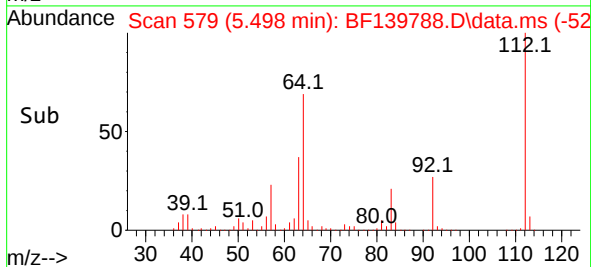
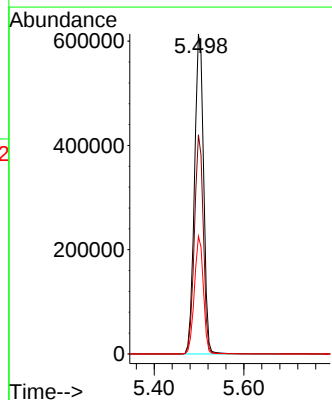
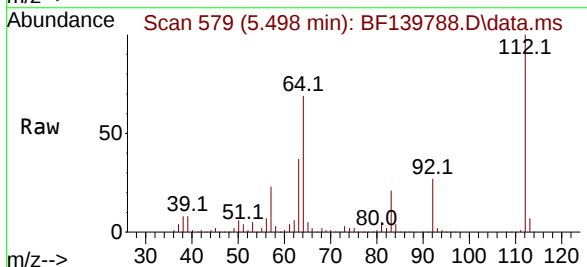
Instrument :
BNA_F
ClientSampleId :
PB164005BL

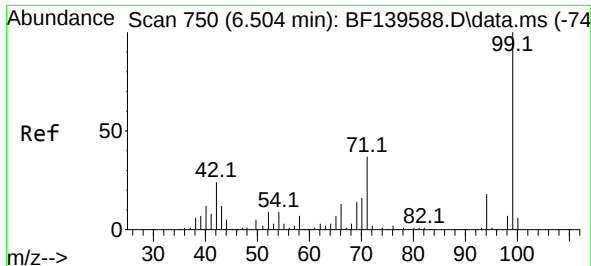
Tgt Ion:152 Resp: 109810
Ion Ratio Lower Upper
152 100
150 155.0 127.2 190.8
115 60.2 49.0 73.4



#5
2-Fluorophenol
Concen: 136.480 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.011 min
Lab File: BF139788.D
Acq: 14 Oct 2024 14:58

Tgt Ion:112 Resp: 864668
Ion Ratio Lower Upper
112 100
64 68.5 54.2 81.4
63 36.7 29.4 44.2

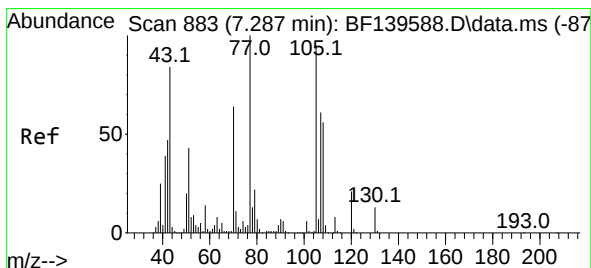
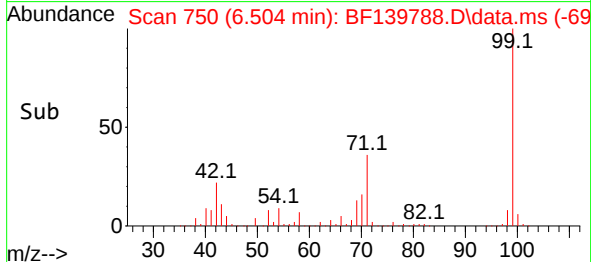
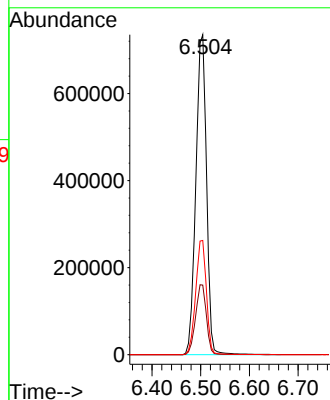
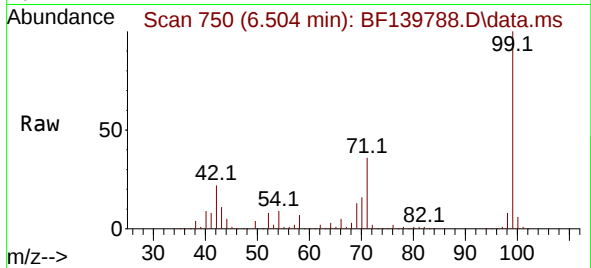




#7
Phenol-d6
Concen: 132.435 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139788.D
Acq: 14 Oct 2024 14:58

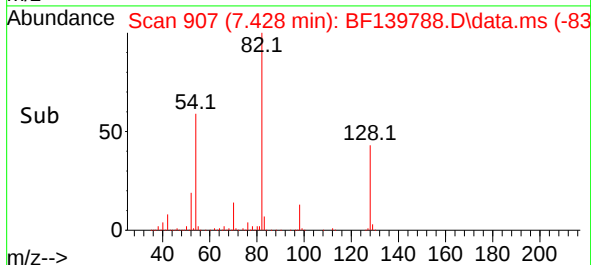
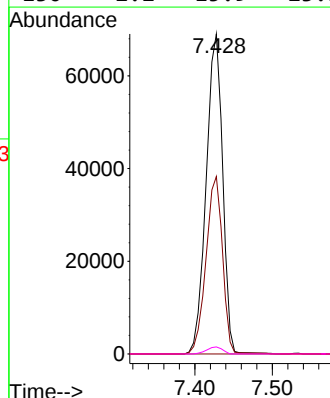
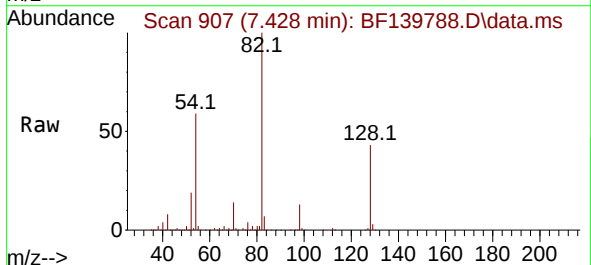
Instrument :
BNA_F
ClientSampleId :
PB164005BL

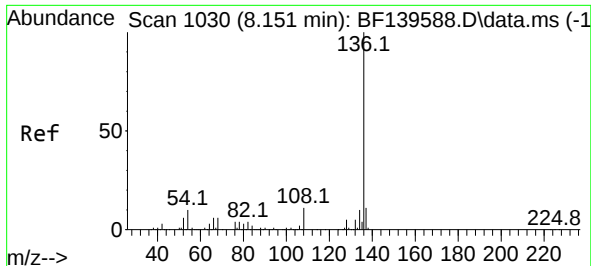
Tgt Ion: 99 Resp: 1128335
Ion Ratio Lower Upper
99 100
42 21.8 19.1 28.7
71 35.7 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.589 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139788.D
Acq: 14 Oct 2024 14:58

Tgt Ion: 70 Resp: 101822
Ion Ratio Lower Upper
70 100
42 55.5 58.0 87.0#
101 0.0 7.8 11.8#
130 2.2 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: BF139788.D
Acq: 14 Oct 2024 14:58

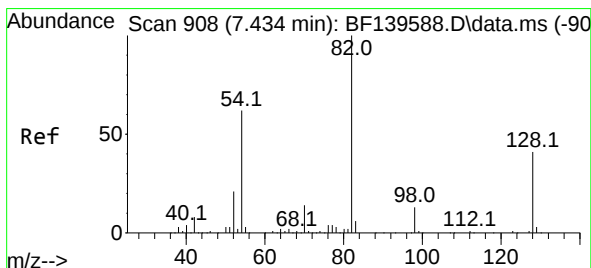
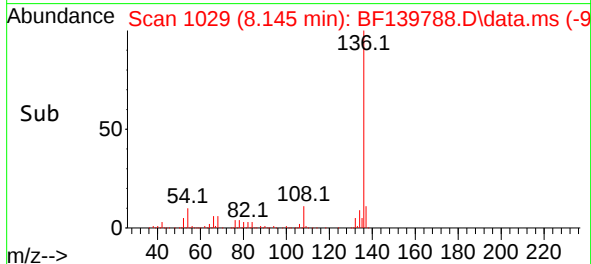
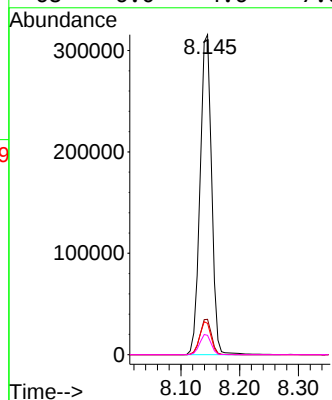
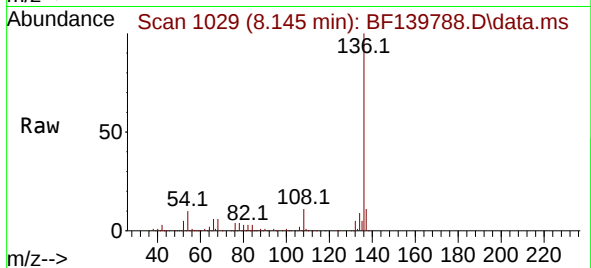
Instrument :

BNA_F

ClientSampleId :

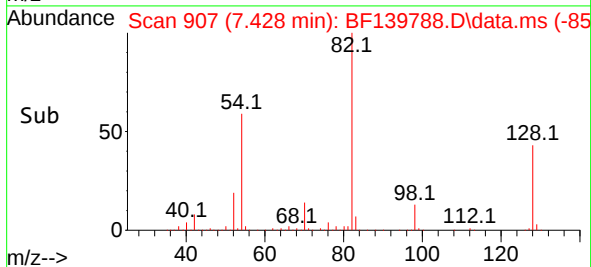
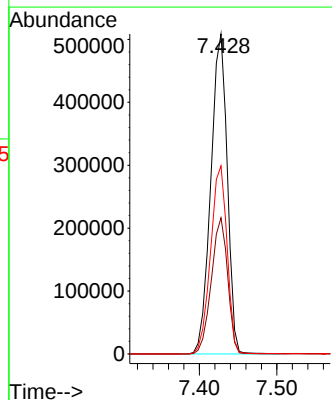
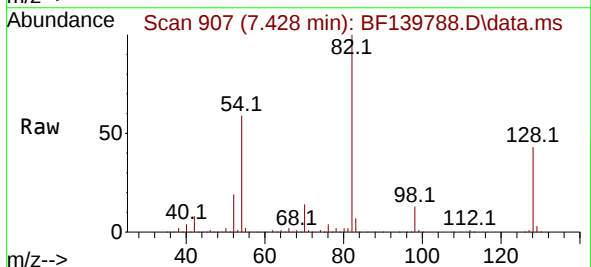
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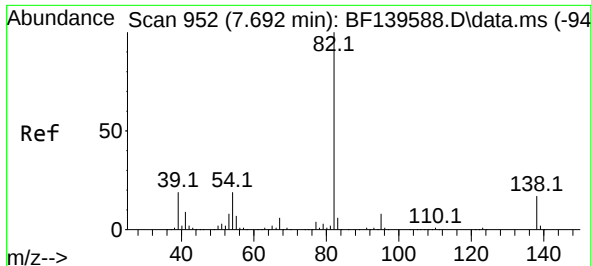
Tgt Ion:136 Resp: 430655
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.8 8.3 12.5
68 6.0 4.6 7.0



#23
Nitrobenzene-d5
Concen: 88.175 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139788.D
Acq: 14 Oct 2024 14:58

Tgt Ion: 82 Resp: 750007
Ion Ratio Lower Upper
82 100
128 42.6 32.4 48.6
54 58.8 49.1 73.7

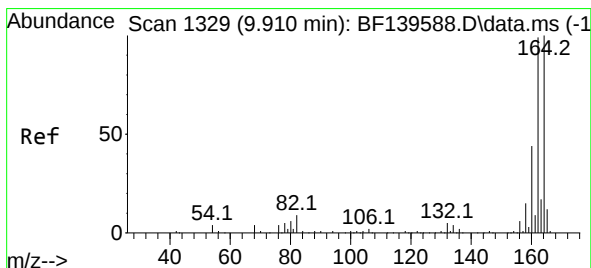
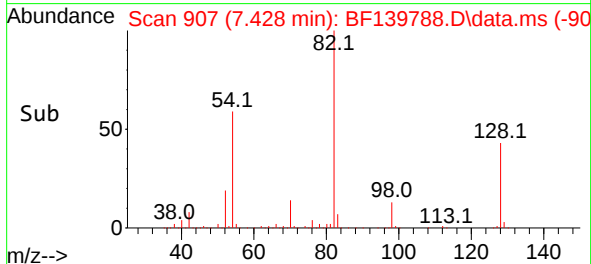
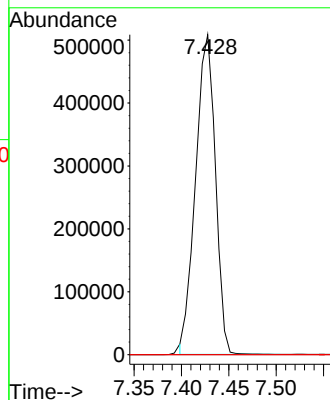
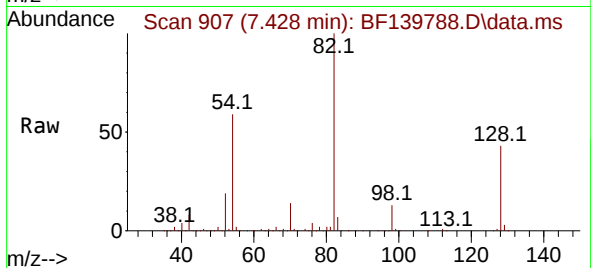




#25
Isophorone
Concen: 48.953 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139788.D
Acq: 14 Oct 2024 14:58

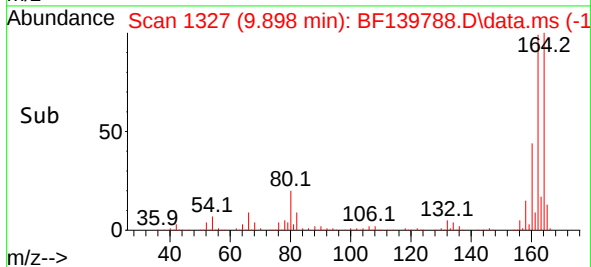
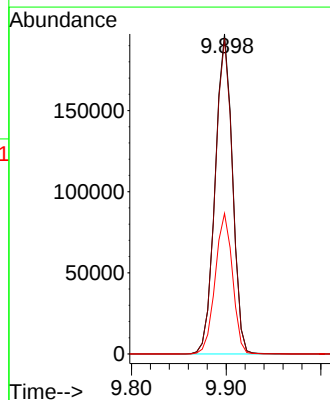
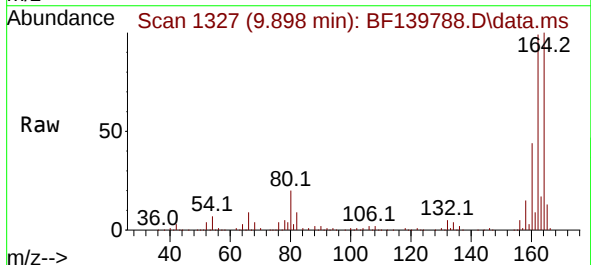
Instrument :
BNA_F
ClientSampleId :
PB164005BL

Tgt Ion: 82 Resp: 739556
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: BF139788.D
Acq: 14 Oct 2024 14:58

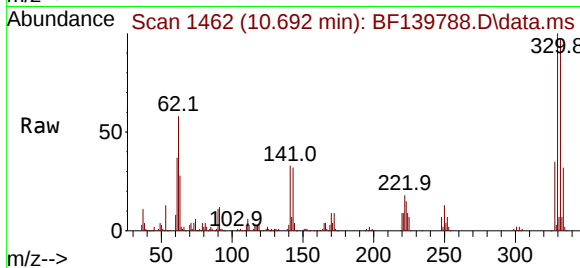
Tgt Ion:164 Resp: 250031
Ion Ratio Lower Upper
164 100
162 98.6 79.4 119.0
160 43.9 35.1 52.7



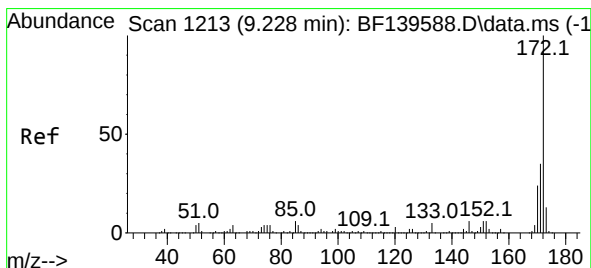
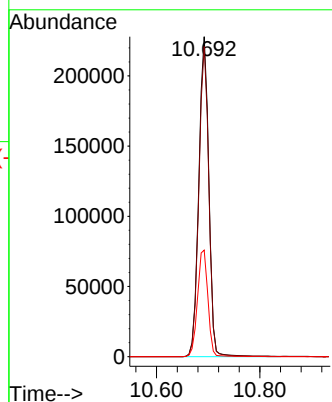
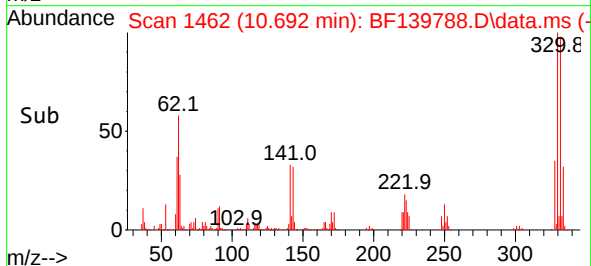


#42
2,4,6-Tribromophenol
Concen: 127.444 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139788.D
Acq: 14 Oct 2024 14:58

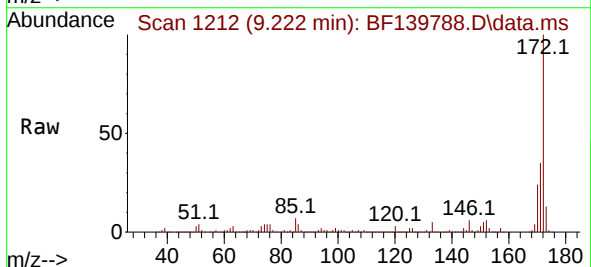
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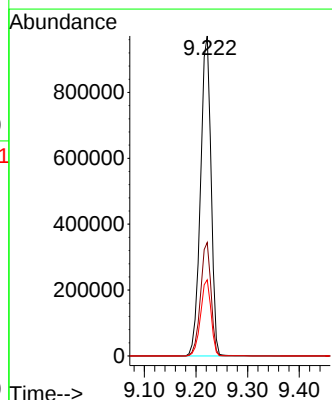
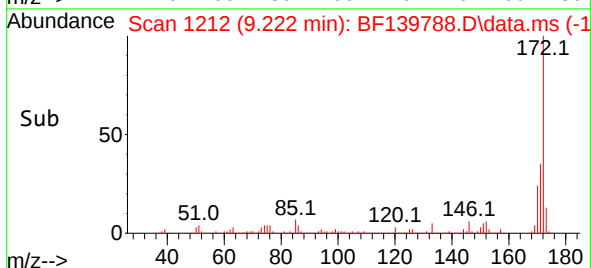
Tgt Ion:330 Resp: 307605
Ion Ratio Lower Upper
330 100
332 96.5 76.5 114.7
141 34.4 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 84.433 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139788.D
Acq: 14 Oct 2024 14:58



Tgt Ion:172 Resp: 1375139
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.8 18.8 28.2

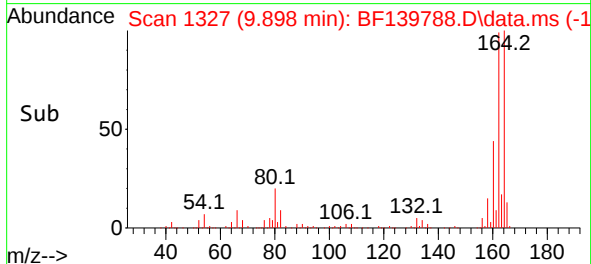
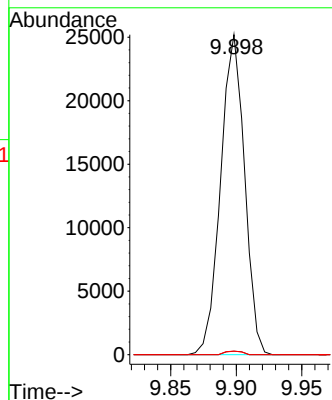
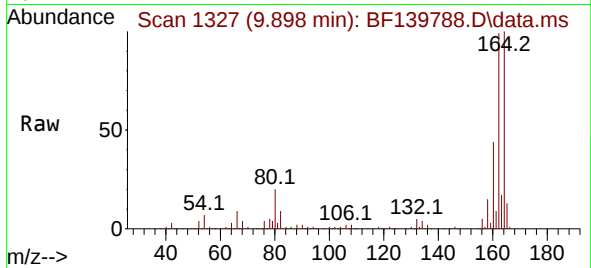




#51
2,6-Dinitrotoluene
Concen: 8.637 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139788.D
Acq: 14 Oct 2024 14:58

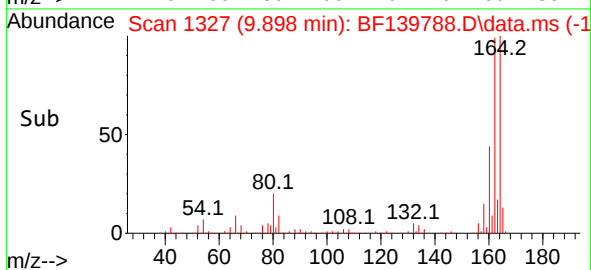
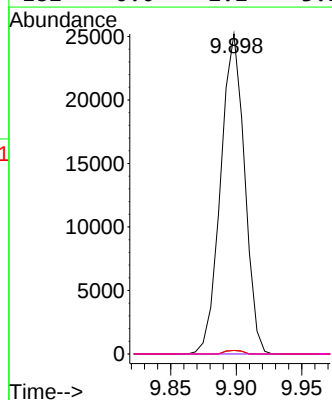
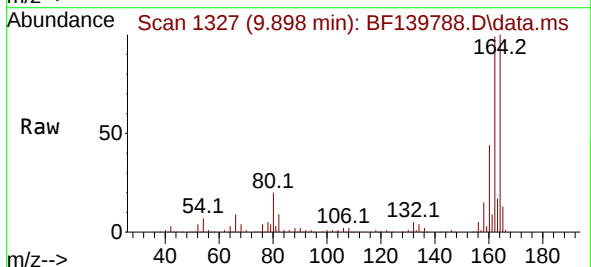
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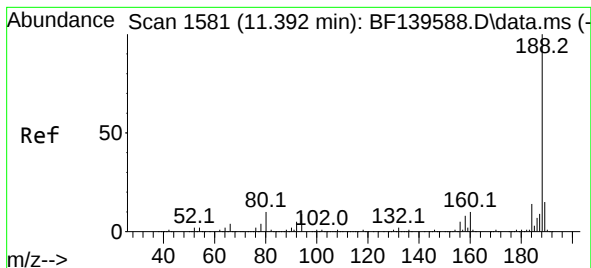
Tgt Ion:165 Resp: 31935
Ion Ratio Lower Upper
165 100
63 1.1 56.7 85.1#
89 1.1 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.608 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139788.D
Acq: 14 Oct 2024 14:58

Tgt Ion:165 Resp: 31935
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#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139788.D

Acq: 14 Oct 2024 14:58

Instrument :

BNA_F

ClientSampleId :

PB164005BL

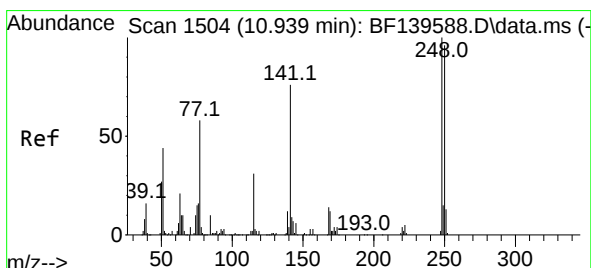
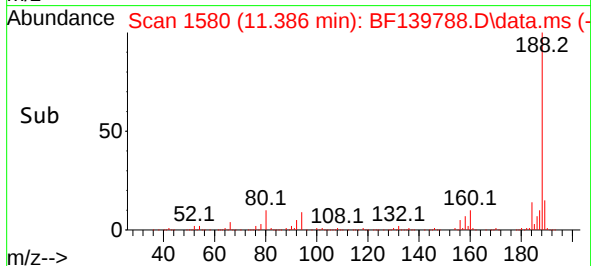
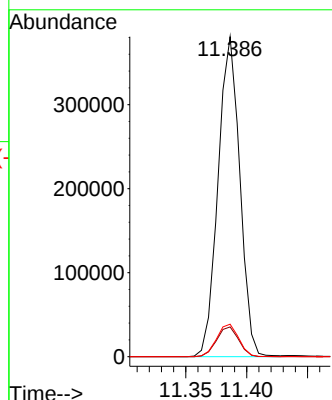
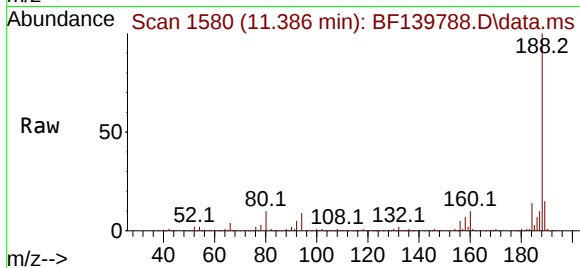
Tgt Ion:188 Resp: 474406

Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

80 10.2 8.2 12.2



#67

4-Bromophenyl-phenylether

Concen: 4.264 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF139788.D

Acq: 14 Oct 2024 14:58

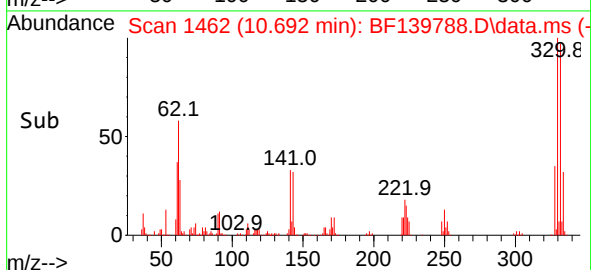
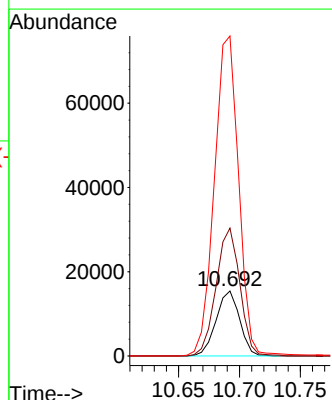
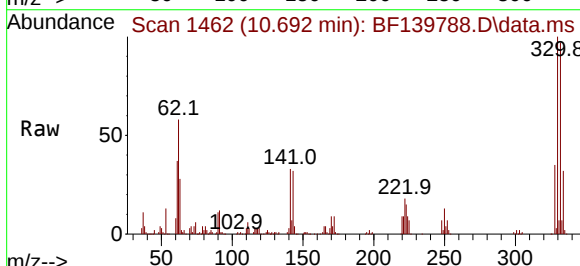
Tgt Ion:248 Resp: 20739

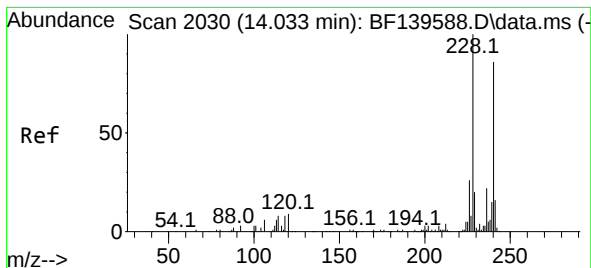
Ion Ratio Lower Upper

248 100

250 197.1 77.1 115.7#

141 493.0 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139788.D

Acq: 14 Oct 2024 14:58

Instrument :

BNA_F

ClientSampleId :

PB164005BL

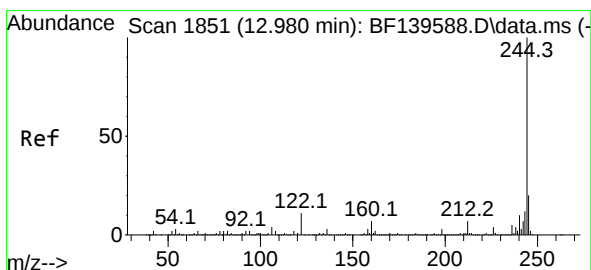
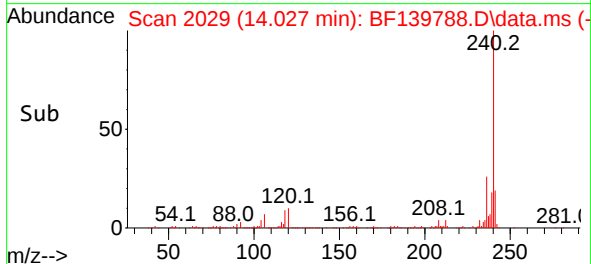
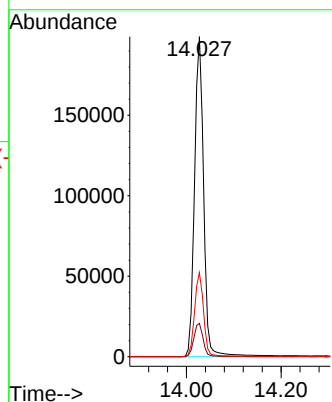
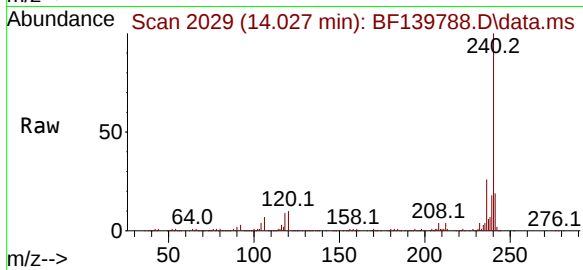
Tgt Ion:240 Resp: 266535

Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

236 26.3 20.3 30.5



#79

Terphenyl-d14

Concen: 96.006 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF139788.D

Acq: 14 Oct 2024 14:58

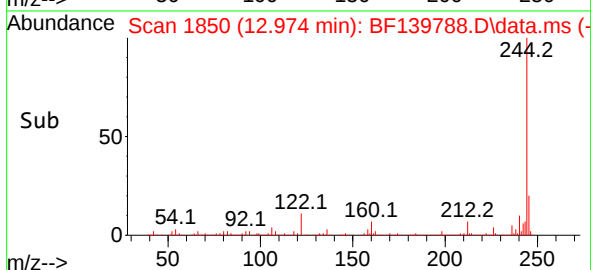
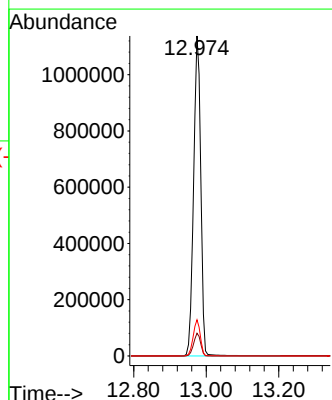
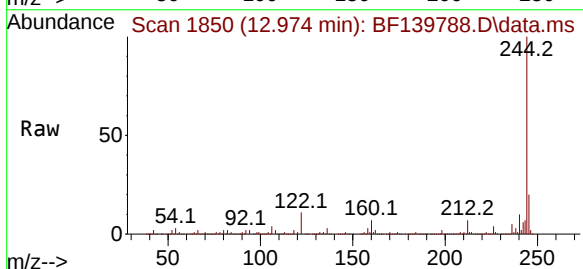
Tgt Ion:244 Resp: 1559520

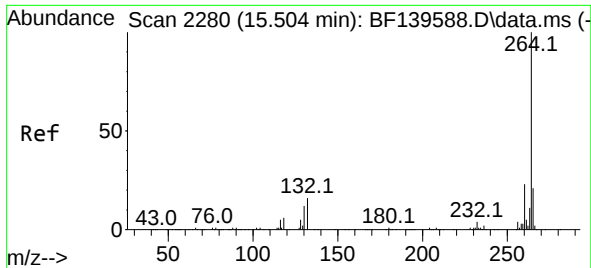
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

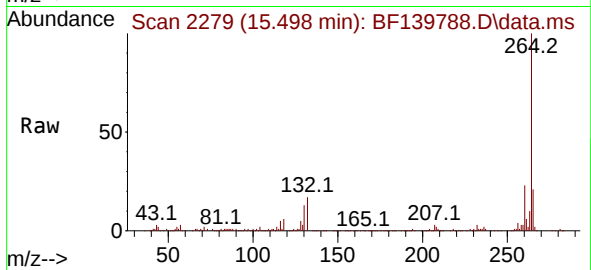
122 11.3 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF139788.D
 Acq: 14 Oct 2024 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB164005BL



Tgt Ion:264 Resp: 162874
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 21.2 16.9 25.3

