

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101024\
 Data File : BF139760.D
 Acq On : 10 Oct 2024 21:47
 Operator : RC/JU
 Sample : SP6638
 Misc : 8270 SURROGATES
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP6638

Quant Time: Oct 10 23:21:04 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)

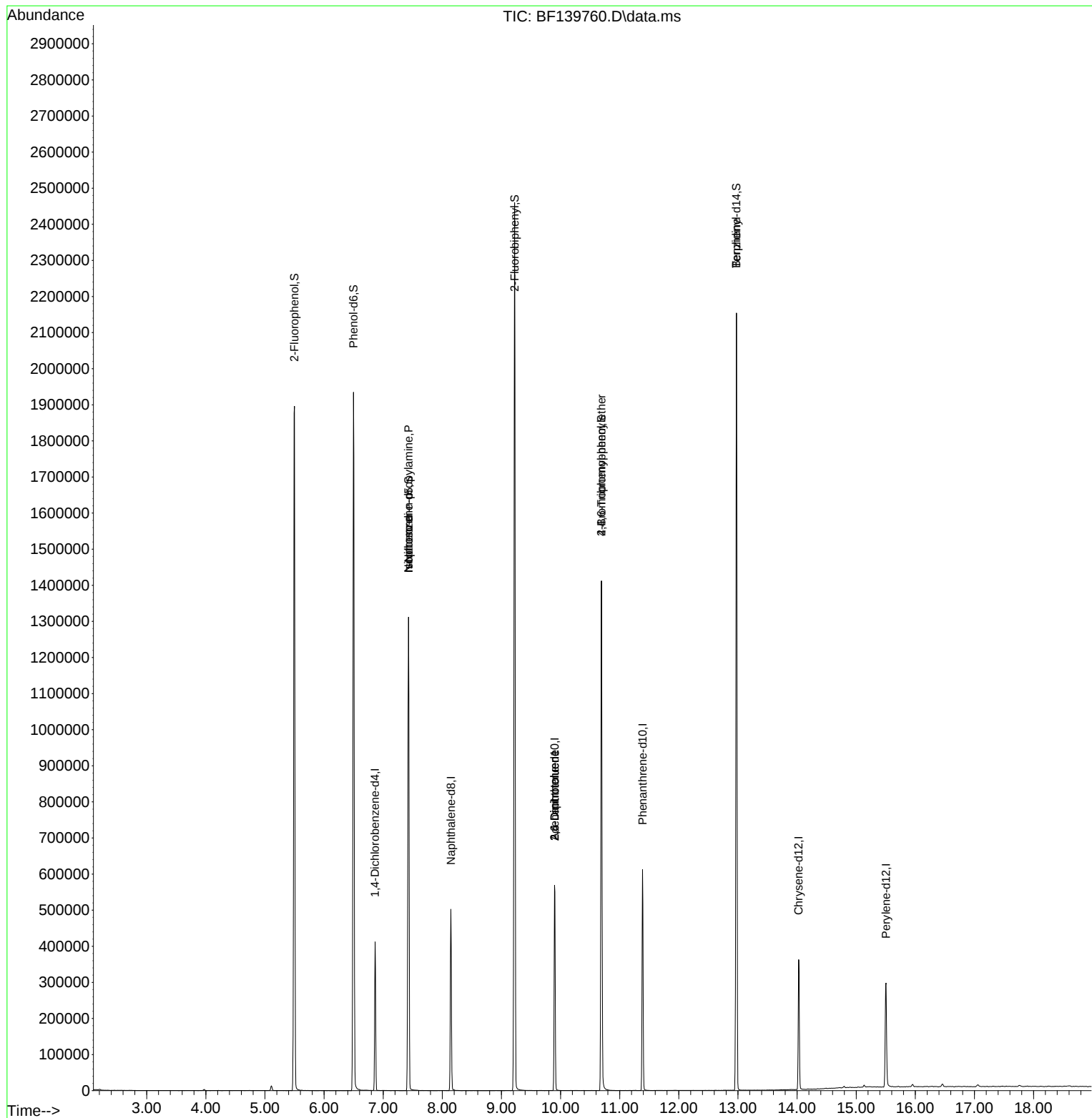
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	80871	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	315403	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	176404	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	324448	20.000	ng	0.00
76) Chrysene-d12	14.027	240	174947	20.000	ng	0.00
86) Perylene-d12	15.504	264	176647	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	704334	150.954	ng	0.01
7) Phenol-d6	6.498	99	914065	145.677	ng	0.00
23) Nitrobenzene-d5	7.428	82	593609	95.289	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	226938	133.266	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1103928	96.071	ng	0.00
79) Terphenyl-d14	12.974	244	1049620	98.444	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	79116	19.612	ng	# 74
25) Isophorone	7.428	82	588842	53.220	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	22289	8.545	ng	# 17
57) 2,4-Dinitrotoluene	9.898	165	22289	6.537	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	15519	4.665	ng	# 1
77) Benzidine	12.974	184	13554	4.392	ng	# 89

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

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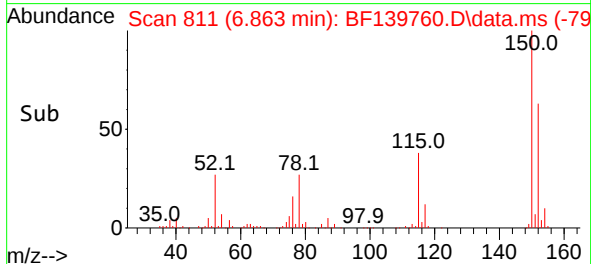
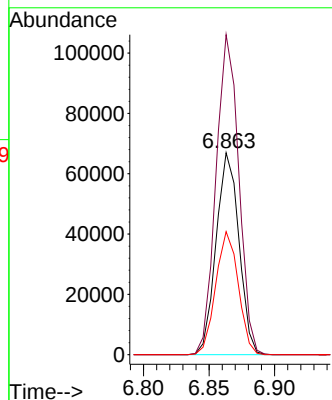
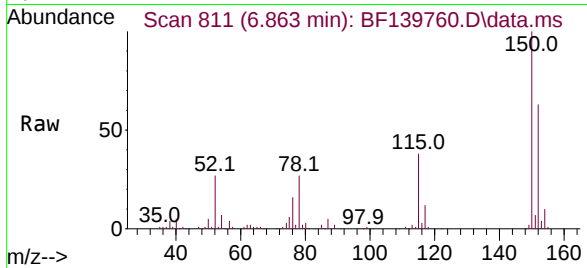




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139760.D
Acq: 10 Oct 2024 21:47

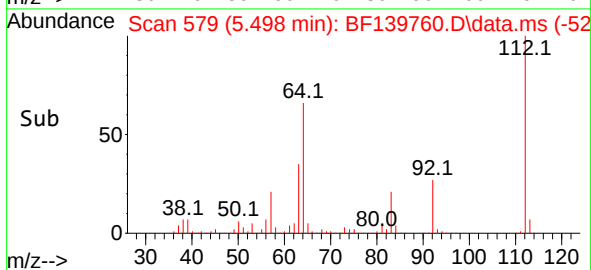
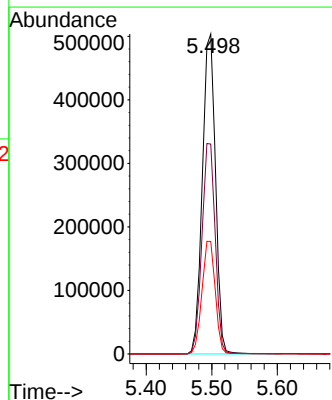
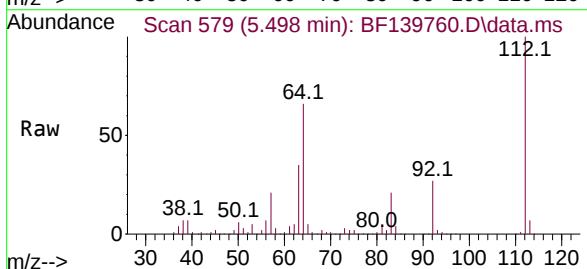
Instrument :
BNA_F
ClientSampleId :
SP6638

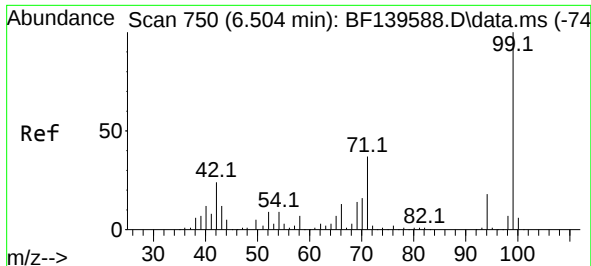
Tgt Ion:152 Resp: 80871
Ion Ratio Lower Upper
152 100
150 158.5 127.2 190.8
115 61.0 49.0 73.4



#5
2-Fluorophenol
Concen: 150.954 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.011 min
Lab File: BF139760.D
Acq: 10 Oct 2024 21:47

Tgt Ion:112 Resp: 704334
Ion Ratio Lower Upper
112 100
64 65.6 54.2 81.4
63 35.2 29.4 44.2

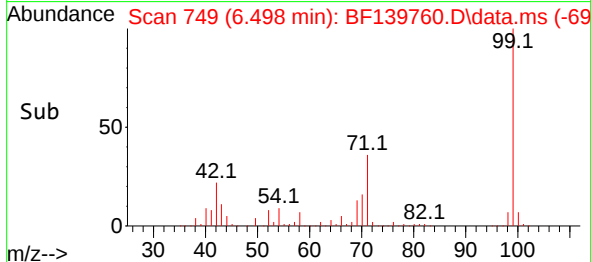
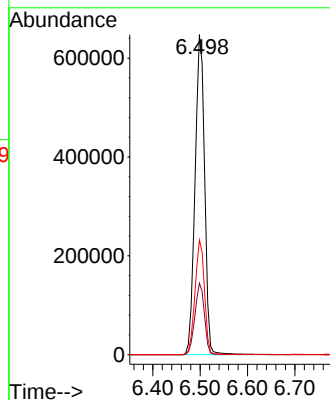
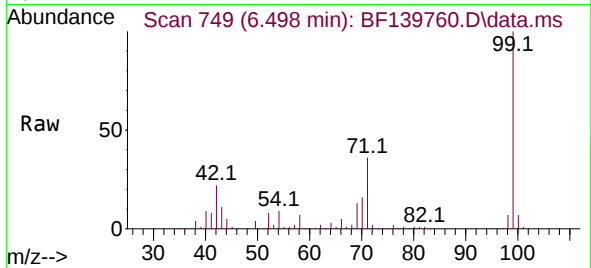




#7
Phenol-d6
Concen: 145.677 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139760.D
Acq: 10 Oct 2024 21:47

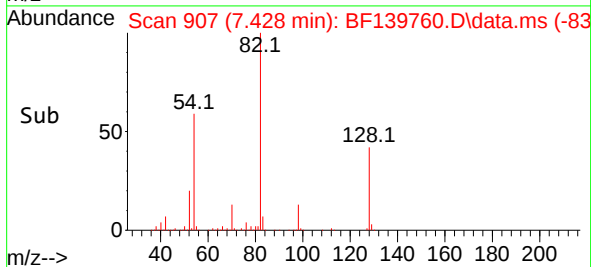
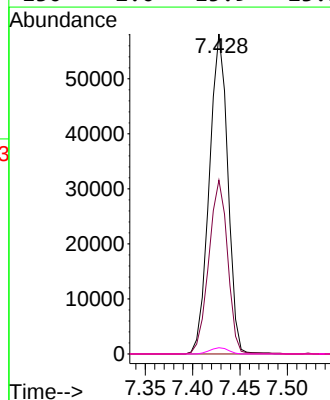
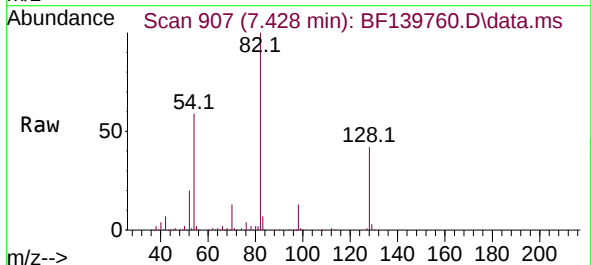
Instrument :
BNA_F
ClientSampleId :
SP6638

Tgt Ion: 99 Resp: 914065
Ion Ratio Lower Upper
99 100
42 22.4 19.1 28.7
71 35.8 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.612 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139760.D
Acq: 10 Oct 2024 21:47

Tgt Ion: 70 Resp: 79116
Ion Ratio Lower Upper
70 100
42 54.3 58.0 87.0#
101 0.0 7.8 11.8#
130 2.0 15.9 23.9#



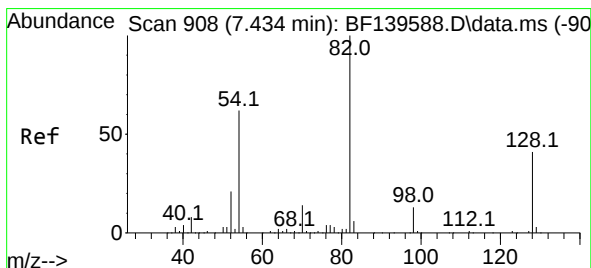
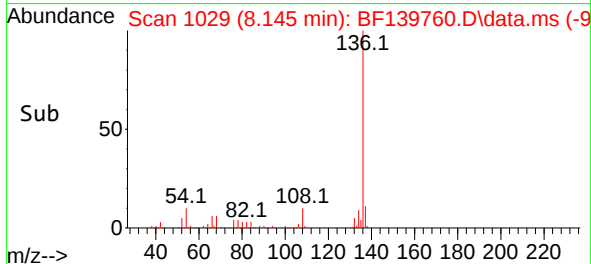
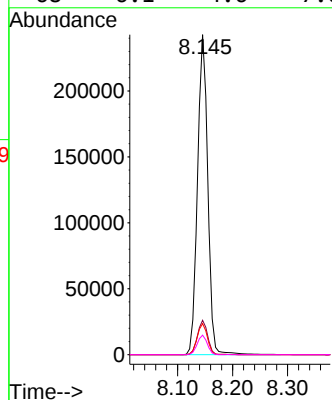
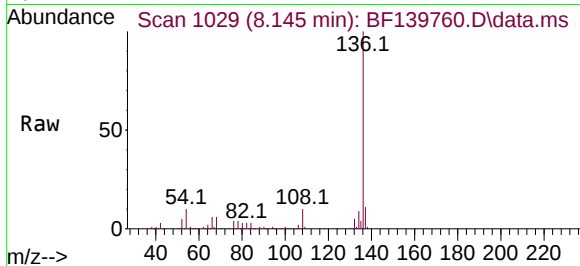


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139760.D
Acq: 10 Oct 2024 21:47

Instrument :
BNA_F
ClientSampleId :
SP6638

Tgt Ion:136 Resp: 315403

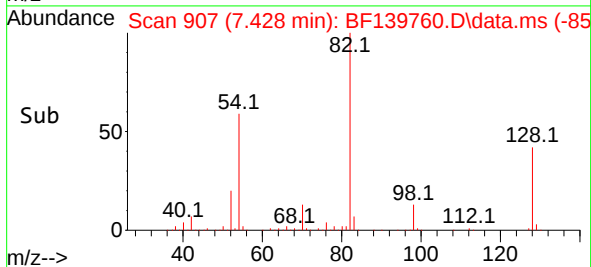
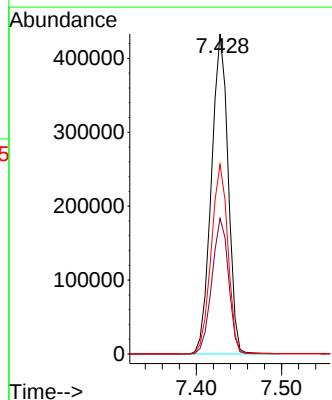
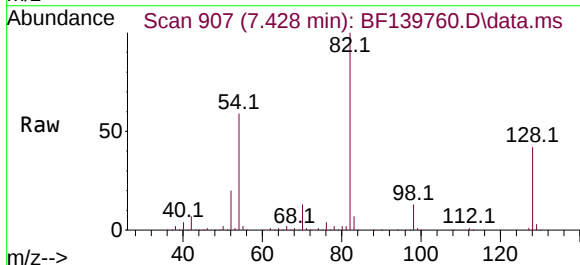
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.7	8.3	12.5
68	6.1	4.6	7.0



#23
Nitrobenzene-d5
Concen: 95.289 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139760.D
Acq: 10 Oct 2024 21:47

Tgt Ion: 82 Resp: 593609

Ion	Ratio	Lower	Upper
82	100		
128	42.4	32.4	48.6
54	59.2	49.1	73.7

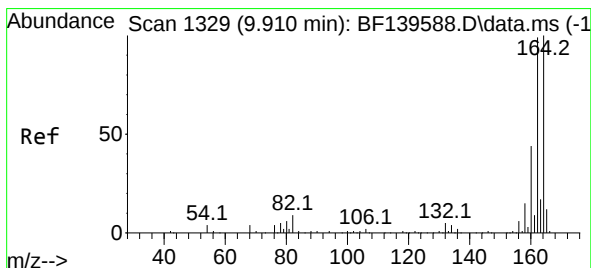
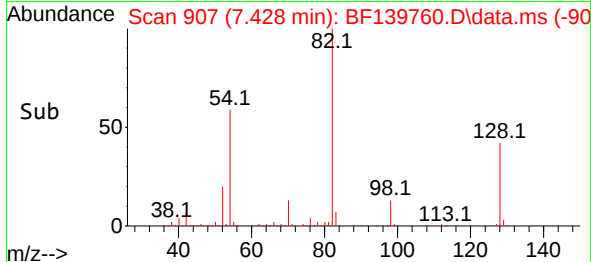
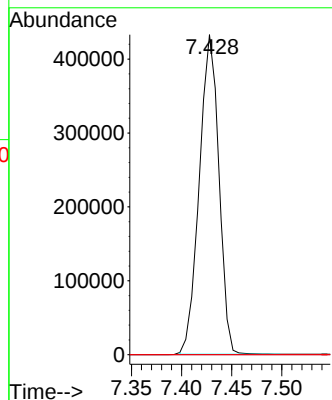
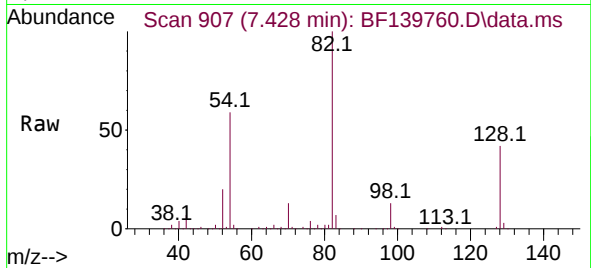




#25
Isophorone
Concen: 53.220 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139760.D
Acq: 10 Oct 2024 21:47

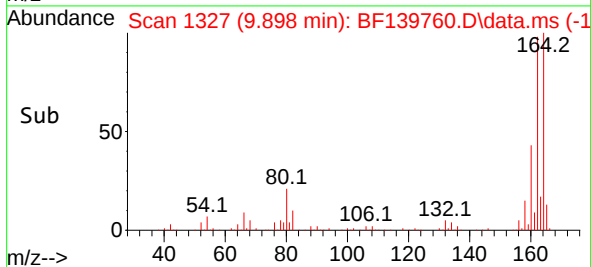
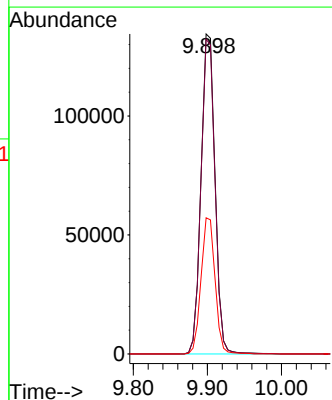
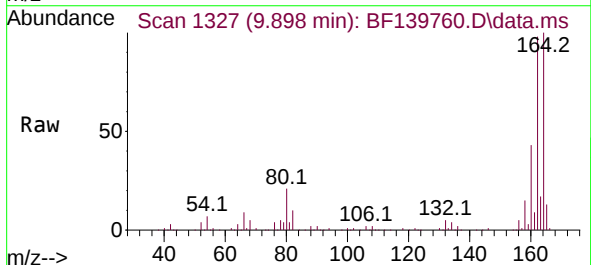
Instrument :
BNA_F
ClientSampleId :
SP6638

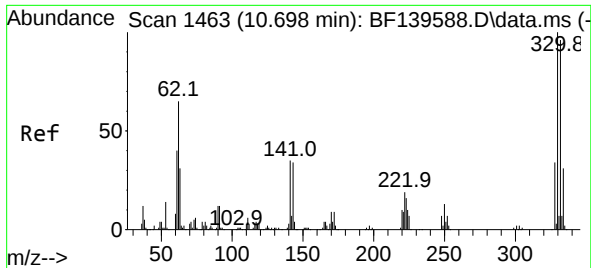
Tgt Ion: 82 Resp: 588842
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139760.D
Acq: 10 Oct 2024 21:47

Tgt Ion:164 Resp: 176404
Ion Ratio Lower Upper
164 100
162 98.3 79.4 119.0
160 42.6 35.1 52.7

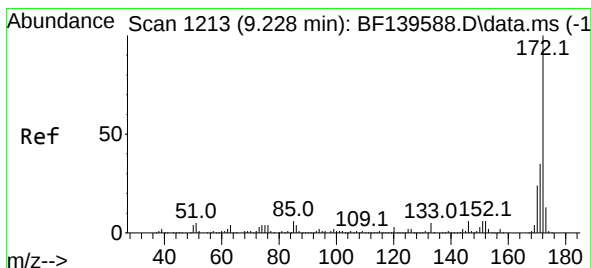
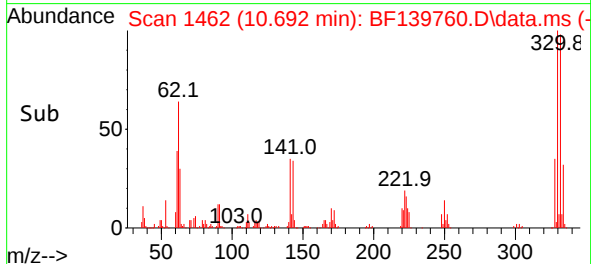
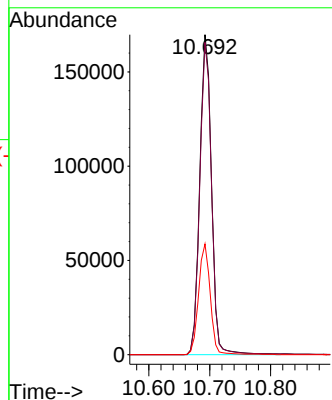
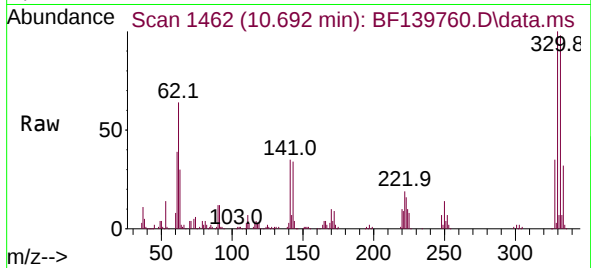




#42
2,4,6-Tribromophenol
Concen: 133.266 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139760.D
Acq: 10 Oct 2024 21:47

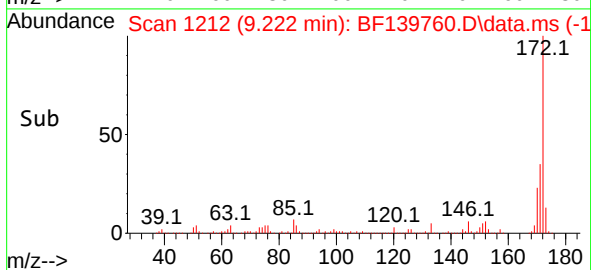
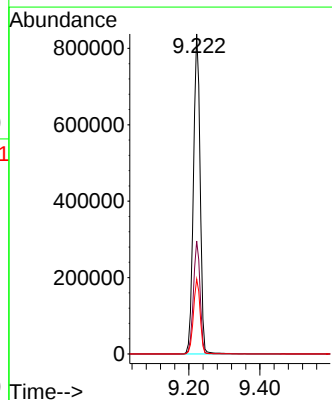
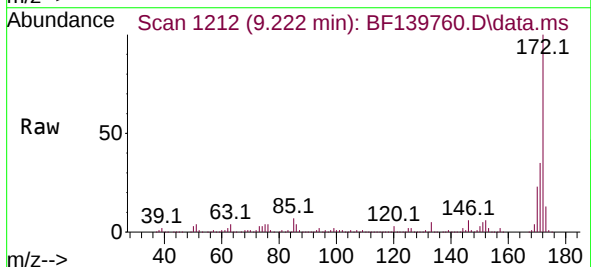
Instrument :
BNA_F
ClientSampleId :
SP6638

Tgt Ion:330 Resp: 226938
Ion Ratio Lower Upper
330 100
332 97.9 76.5 114.7
141 34.6 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 96.071 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139760.D
Acq: 10 Oct 2024 21:47

Tgt Ion:172 Resp: 1103928
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.4 18.8 28.2

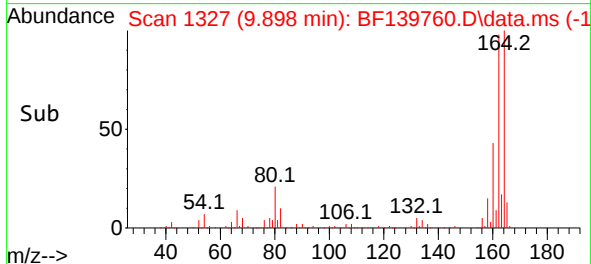
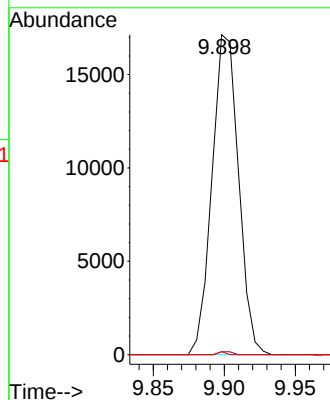
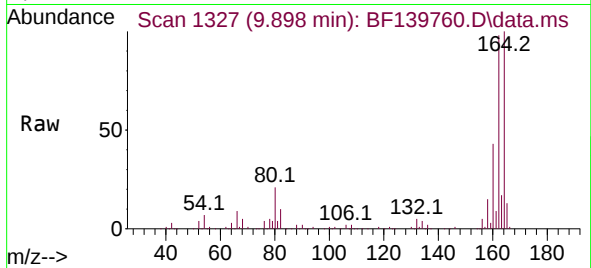




#51
2,6-Dinitrotoluene
Concen: 8.545 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139760.D
Acq: 10 Oct 2024 21:47

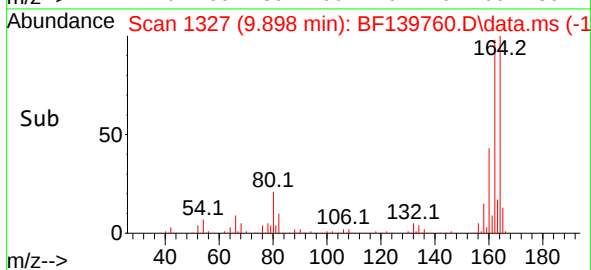
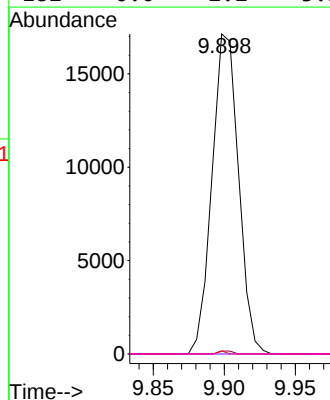
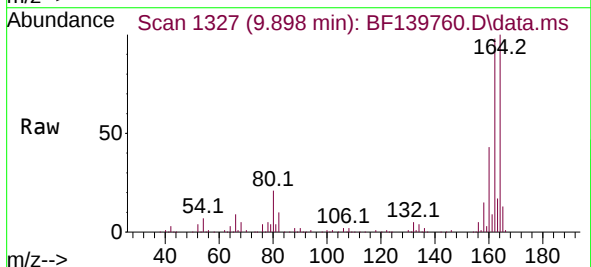
Instrument :
BNA_F
ClientSampleId :
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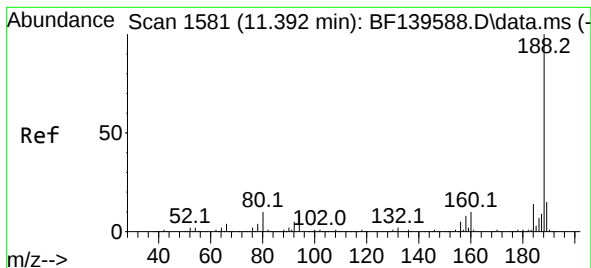
Tgt Ion:165 Resp: 22289
Ion Ratio Lower Upper
165 100
63 0.9 56.7 85.1#
89 1.0 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.537 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139760.D
Acq: 10 Oct 2024 21:47

Tgt Ion:165 Resp: 22289
Ion Ratio Lower Upper
165 100
63 0.9 46.9 70.3#
89 1.0 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: BF139760.D

Acq: 10 Oct 2024 21:47

Instrument :

BNA_F

ClientSampleId :

SP6638

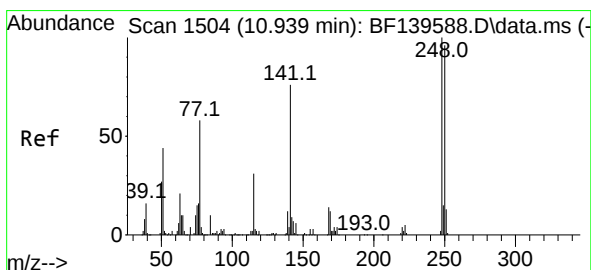
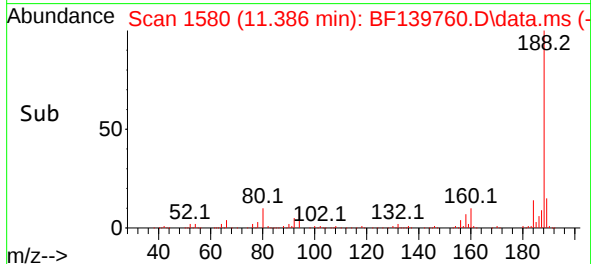
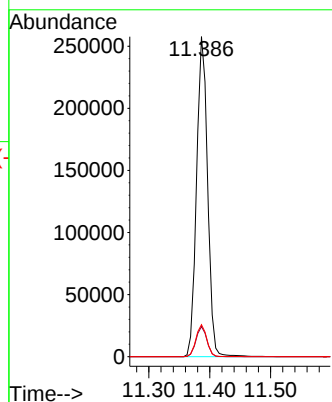
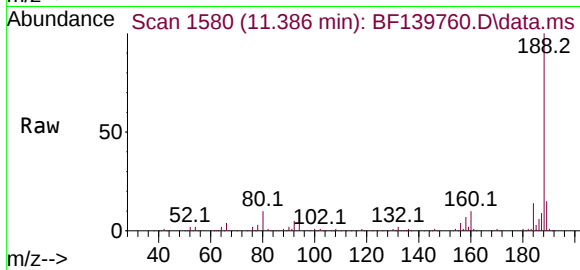
Tgt Ion:188 Resp: 324448

Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

80 10.0 8.2 12.2



#67

4-Bromophenyl-phenylether

Concen: 4.665 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF139760.D

Acq: 10 Oct 2024 21:47

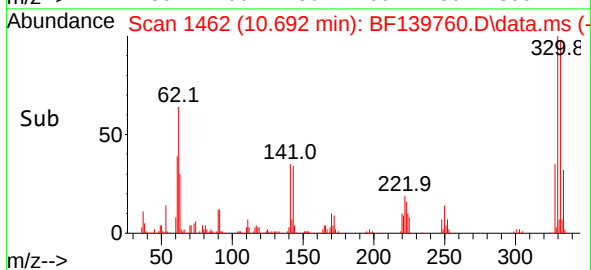
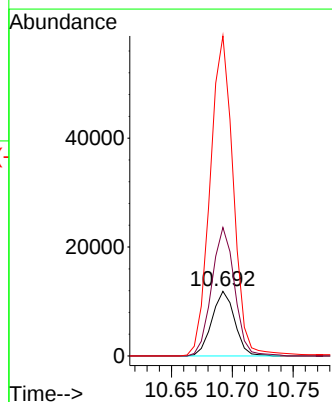
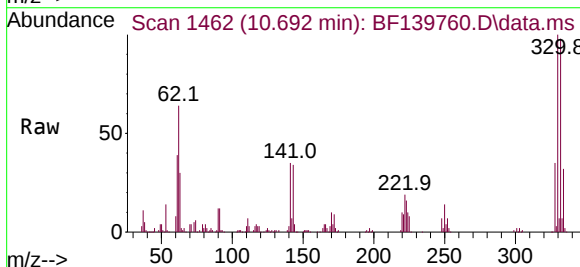
Tgt Ion:248 Resp: 15519

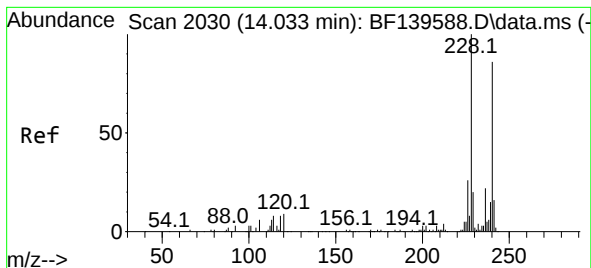
Ion Ratio Lower Upper

248 100

250 198.6 77.1 115.7#

141 494.6 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: BF139760.D

Acq: 10 Oct 2024 21:47

Instrument :

BNA_F

ClientSampleId :

SP6638

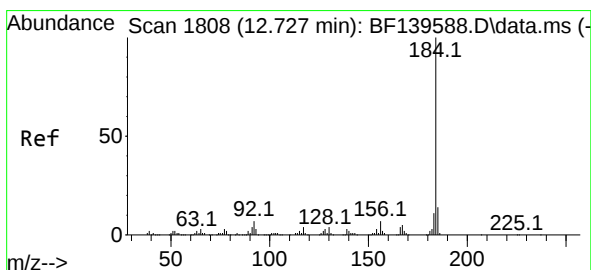
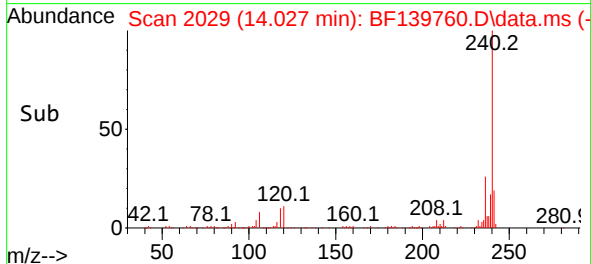
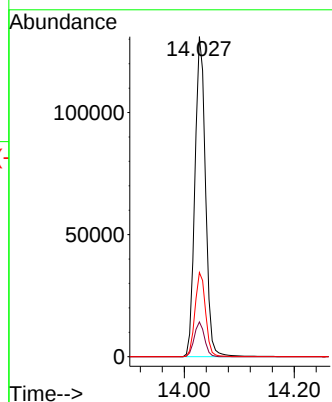
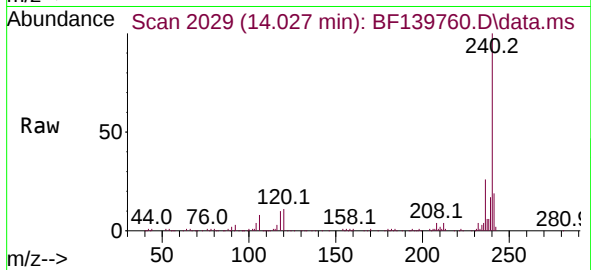
Tgt Ion:240 Resp: 174947

Ion Ratio Lower Upper

240 100

120 10.8 8.4 12.6

236 26.3 20.3 30.5



#77

Benzidine

Concen: 4.392 ng

RT: 12.974 min Scan# 1850

Delta R.T. 0.247 min

Lab File: BF139760.D

Acq: 10 Oct 2024 21:47

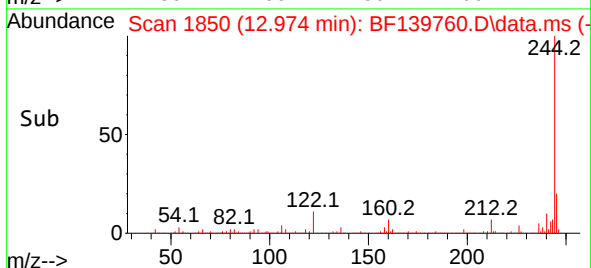
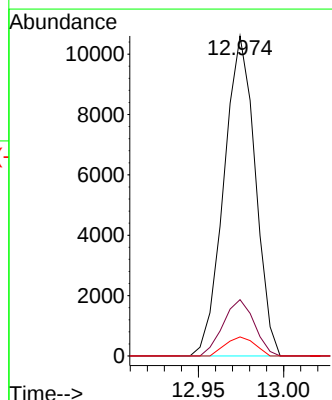
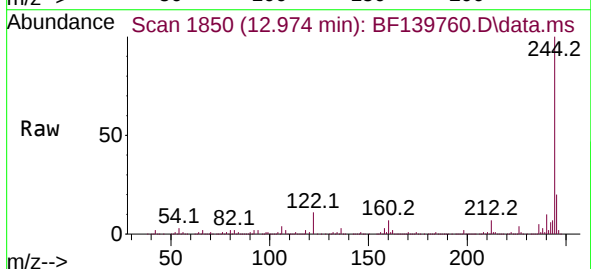
Tgt Ion:184 Resp: 13554

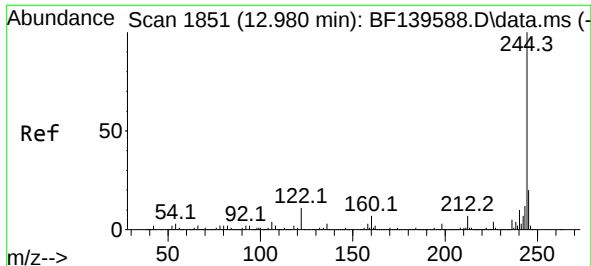
Ion Ratio Lower Upper

184 100

185 17.6 11.4 17.0#

183 6.0 8.8 13.2#

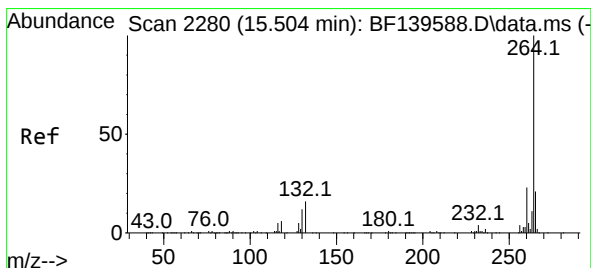
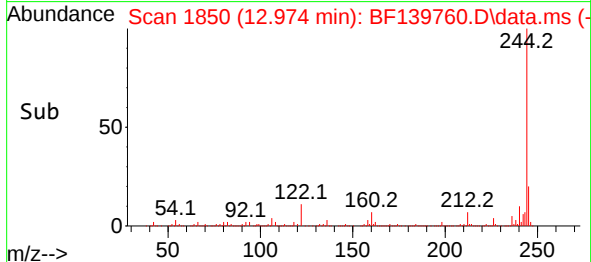
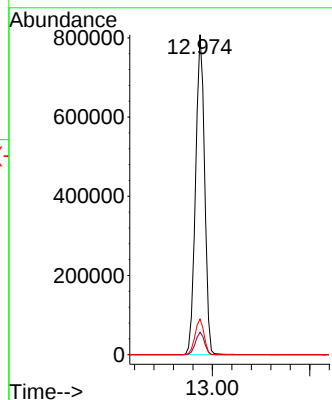
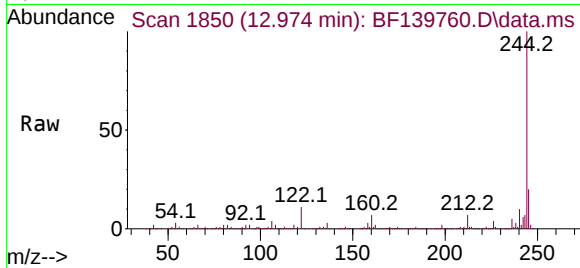




#79
 Terphenyl-d14
 Concen: 98.444 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF139760.D
 Acq: 10 Oct 2024 21:47

Instrument :
 BNA_F
 ClientSampleId :
 SP6638

Tgt Ion:244 Resp: 1049620
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 11.1 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2280
 Delta R.T. -0.000 min
 Lab File: BF139760.D
 Acq: 10 Oct 2024 21:47

Tgt Ion:264 Resp: 176647
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 21.7 16.9 25.3

