

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071124\
 Data File : BF138527.D
 Acq On : 11 Jul 2024 17:14
 Operator : CG\JU
 Sample : P3187-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Jul 11 18:03:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

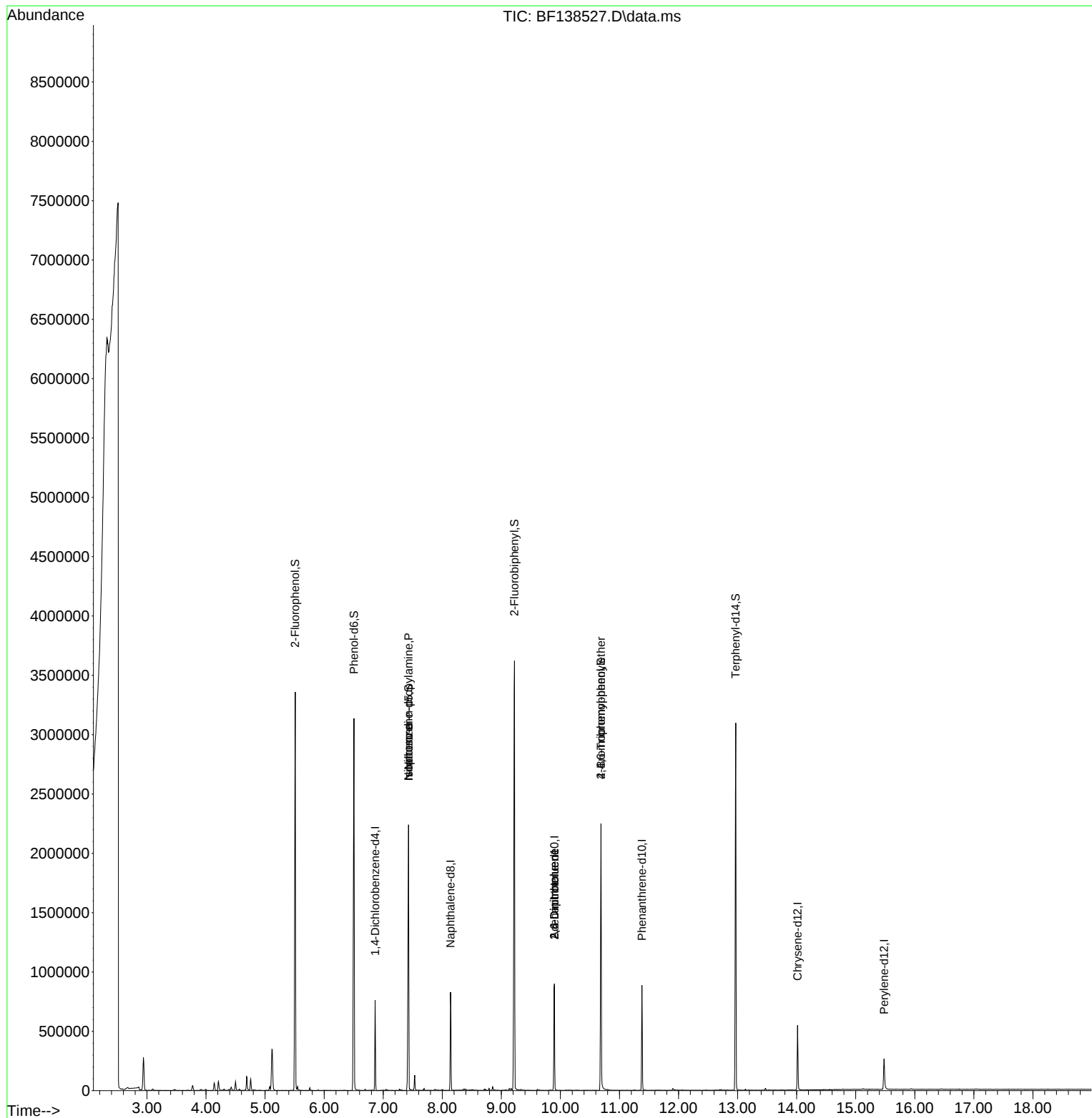
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	87709	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	347734	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	193200	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	298026	20.000	ng	0.00
76) Chrysene-d12	14.016	240	173221	20.000	ng	-0.01
86) Perylene-d12	15.480	264	126458	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	798009	144.096	ng	0.02
7) Phenol-d6	6.504	99	1018145	138.199	ng	0.00
23) Nitrobenzene-d5	7.428	82	707497	99.894	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	249217	138.021	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1232668	99.718	ng	0.00
79) Terphenyl-d14	12.969	244	1022073	96.124	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	95333	20.942	ng	# 76
25) Isophorone	7.428	82	707490	58.168	ng	# 67
51) 2,6-Dinitrotoluene	9.898	165	24895	8.655	ng	# 25
57) 2,4-Dinitrotoluene	9.898	165	24895	6.689	ng	# 19
67) 4-Bromophenyl-phenylether	10.686	248	16130	5.266	ng	# 1

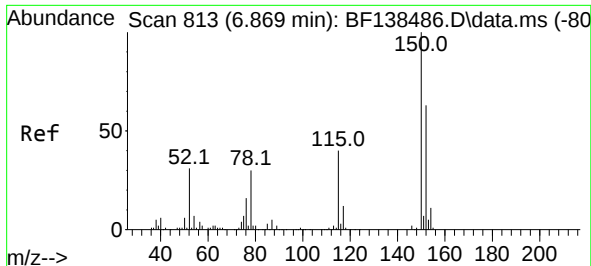
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

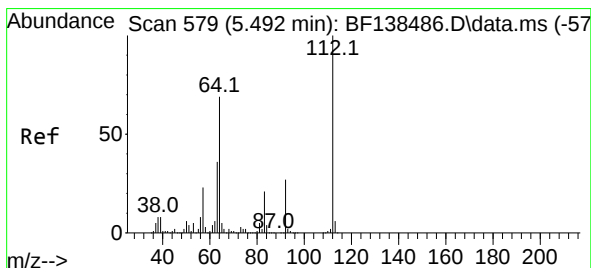
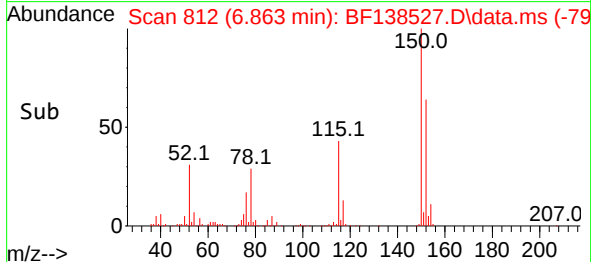
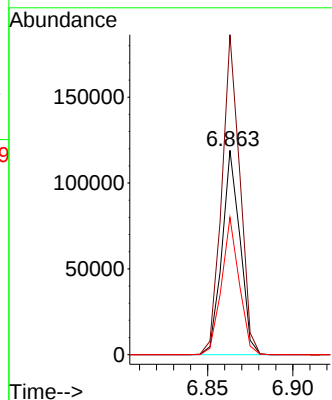
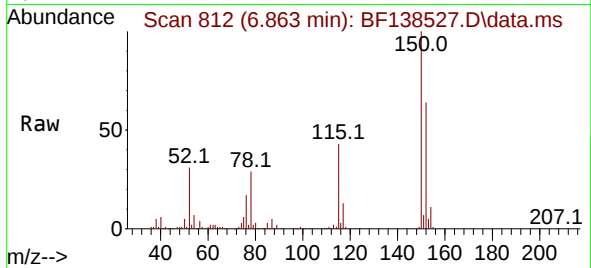




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138527.D
Acq: 11 Jul 2024 17:14

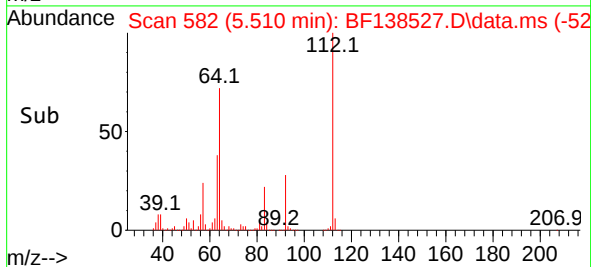
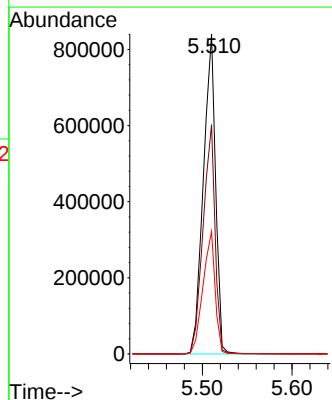
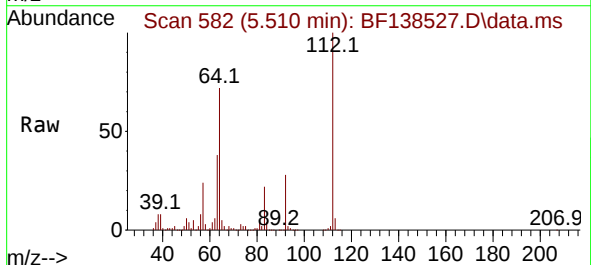
Instrument :
BNA_F
ClientSampleId :
WC-1

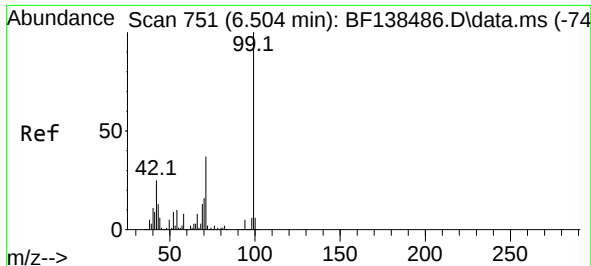
Tgt Ion:152 Resp: 87709
Ion Ratio Lower Upper
152 100
150 156.6 126.2 189.4
115 67.2 50.3 75.5



#5
2-Fluorophenol
Concen: 144.096 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF138527.D
Acq: 11 Jul 2024 17:14

Tgt Ion:112 Resp: 798009
Ion Ratio Lower Upper
112 100
64 71.7 55.1 82.7
63 38.3 29.0 43.6



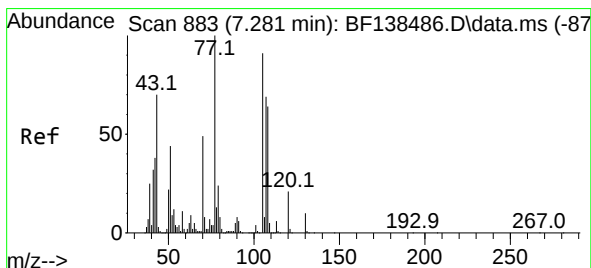
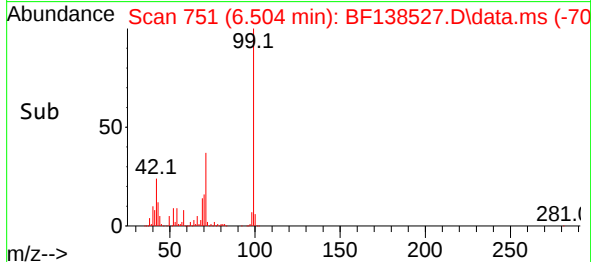
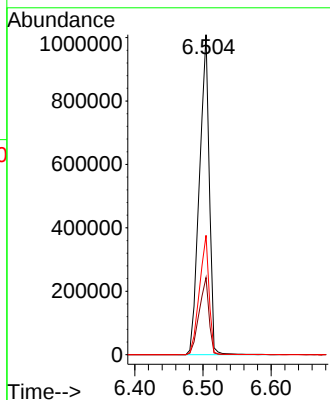
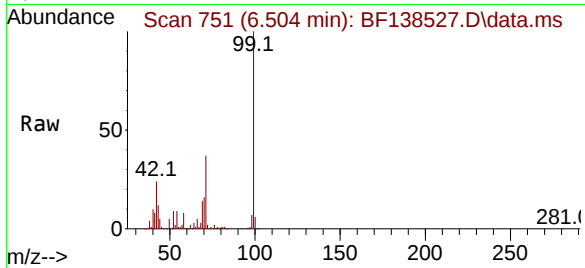


#7
Phenol-d6
Concen: 138.199 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138527.D
Acq: 11 Jul 2024 17:14

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 99 Resp: 1018145

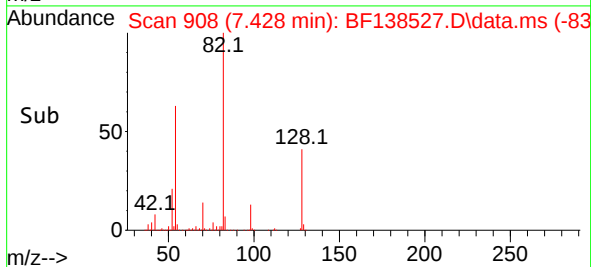
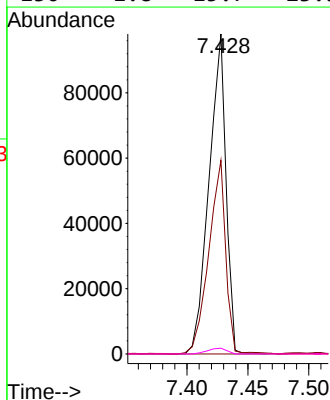
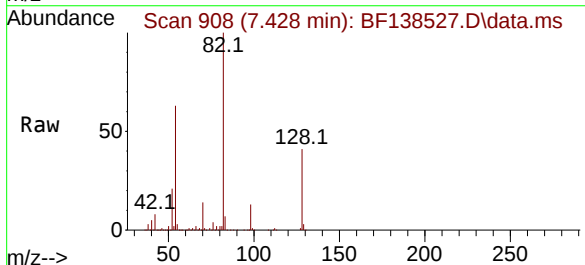
Ion	Ratio	Lower	Upper
99	100		
42	24.1	19.7	29.5
71	37.3	29.9	44.9

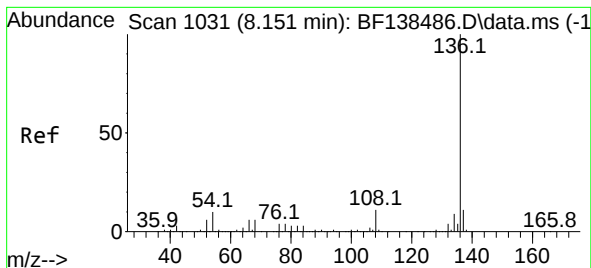


#19
n-Nitroso-di-n-propylamine
Concen: 20.942 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF138527.D
Acq: 11 Jul 2024 17:14

Tgt Ion: 70 Resp: 95333

Ion	Ratio	Lower	Upper
70	100		
42	60.5	62.4	93.6#
101	0.0	7.2	10.8#
130	1.8	15.7	23.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.140 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138527.D

Acq: 11 Jul 2024 17:14

Instrument :

BNA_F

ClientSampleId :

WC-1

Tgt Ion:136 Resp: 347734

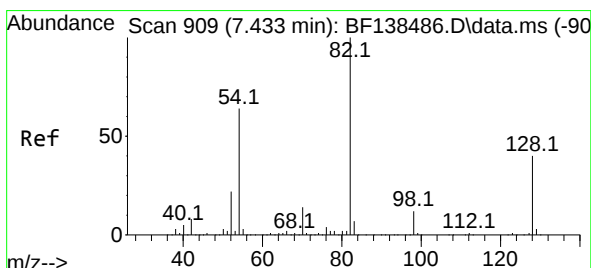
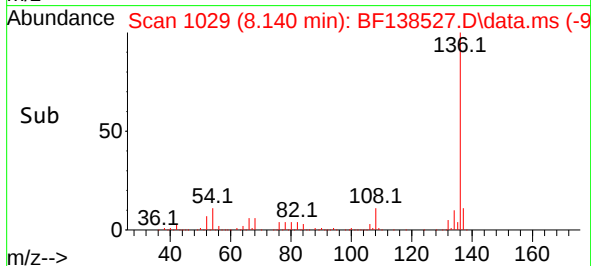
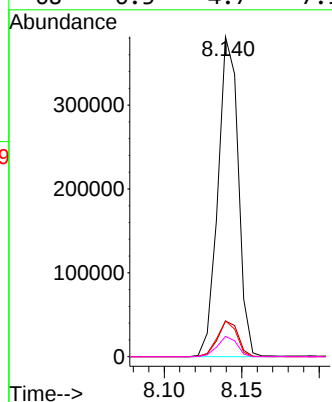
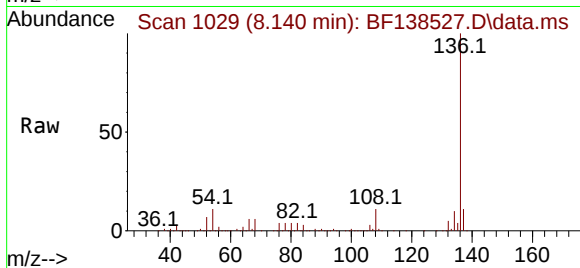
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 11.2 8.1 12.1

68 6.3 4.7 7.1



#23

Nitrobenzene-d5

Concen: 99.894 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF138527.D

Acq: 11 Jul 2024 17:14

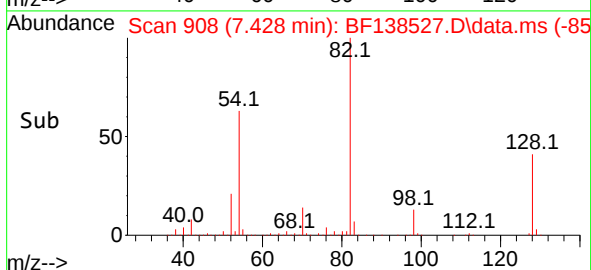
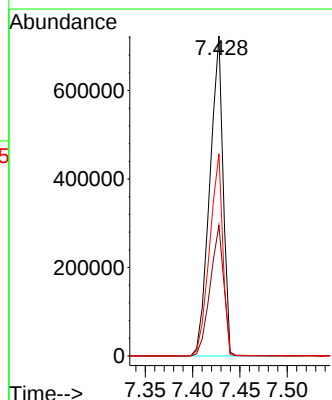
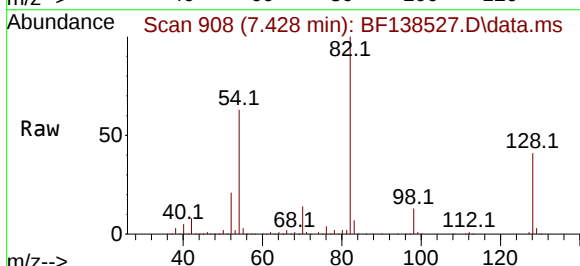
Tgt Ion: 82 Resp: 707497

Ion Ratio Lower Upper

82 100

128 40.8 32.3 48.5

54 63.2 51.4 77.0

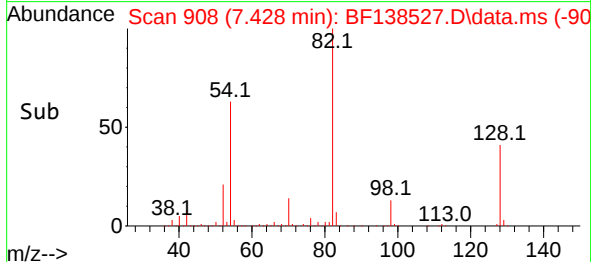
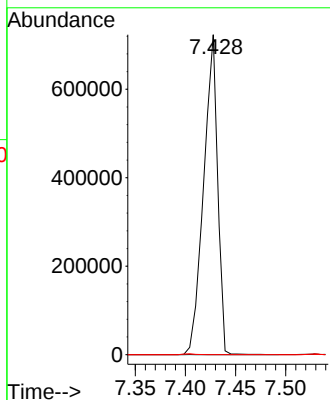
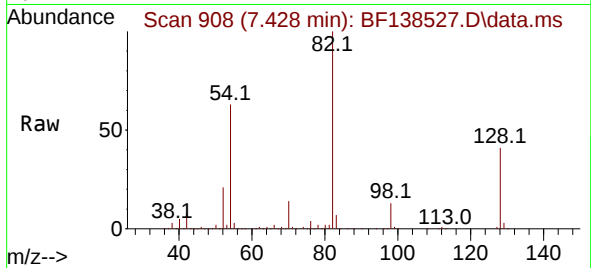




#25
Isophorone
Concen: 58.168 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF138527.D
Acq: 11 Jul 2024 17:14

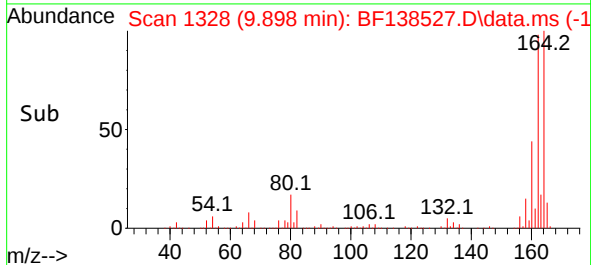
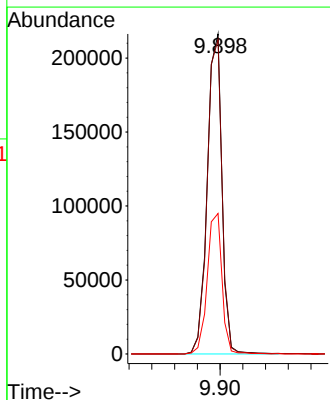
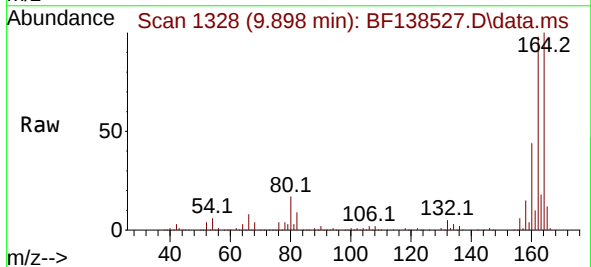
Instrument :
BNA_F
ClientSampleId :
WC-1

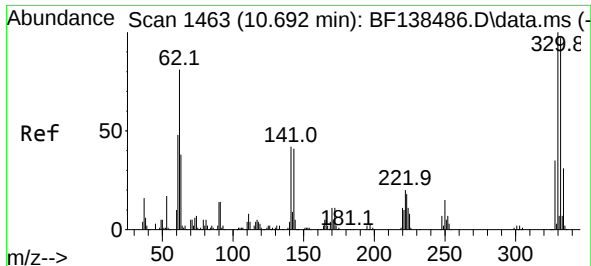
Tgt Ion: 82 Resp: 707490
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138527.D
Acq: 11 Jul 2024 17:14

Tgt Ion:164 Resp: 193200
Ion Ratio Lower Upper
164 100
162 98.2 79.0 118.6
160 43.9 34.4 51.6

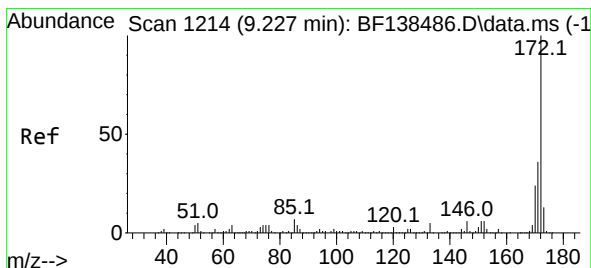
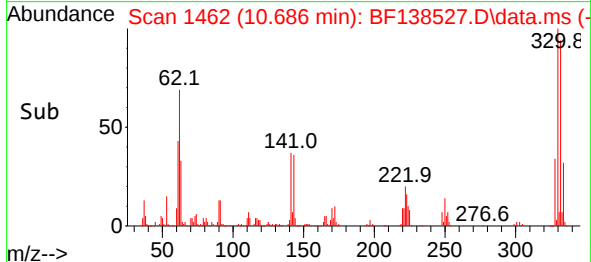
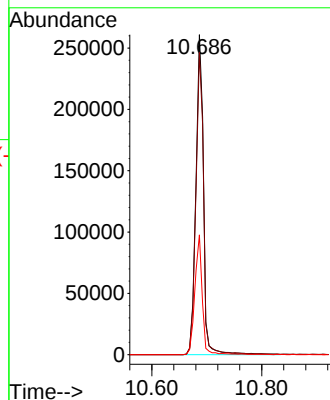
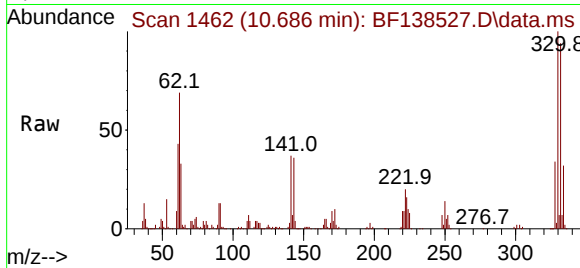




#42
2,4,6-Tribromophenol
Concen: 138.021 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF138527.D
Acq: 11 Jul 2024 17:14

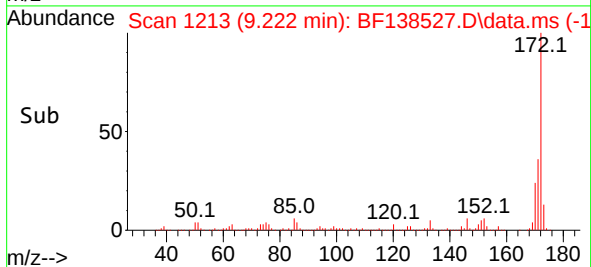
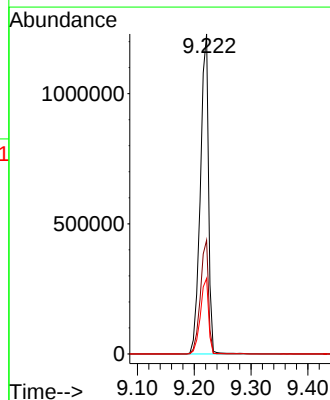
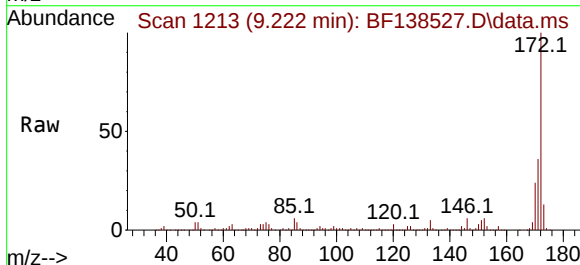
Instrument :
BNA_F
ClientSampleId :
WC-1

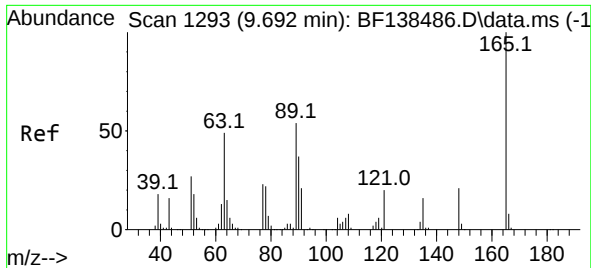
Tgt Ion: 330 Resp: 249217
Ion Ratio Lower Upper
330 100
332 95.7 76.8 115.2
141 36.4 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 99.718 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF138527.D
Acq: 11 Jul 2024 17:14

Tgt Ion: 172 Resp: 1232668
Ion Ratio Lower Upper
172 100
171 35.6 28.9 43.3
170 23.6 18.9 28.3

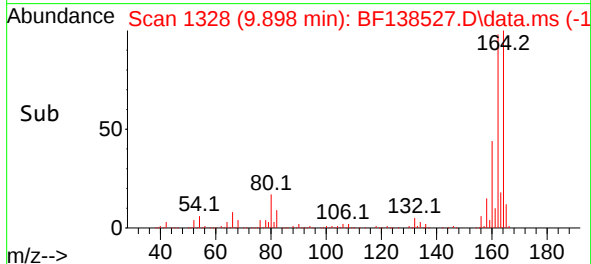
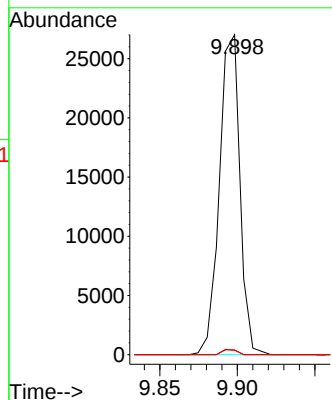
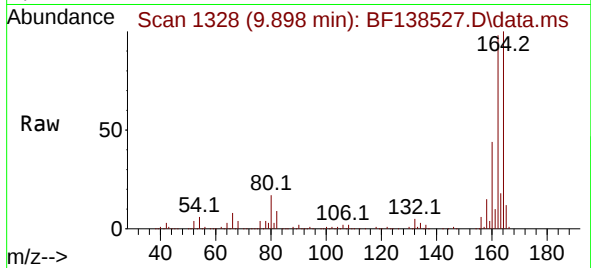




#51
2,6-Dinitrotoluene
Concen: 8.655 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138527.D
Acq: 11 Jul 2024 17:14

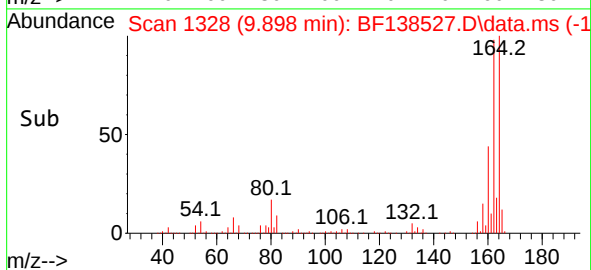
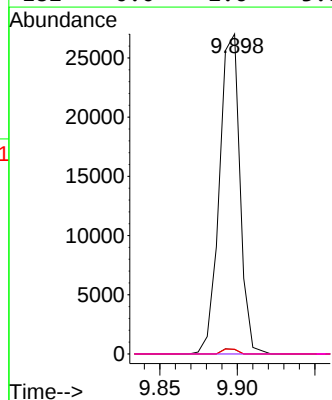
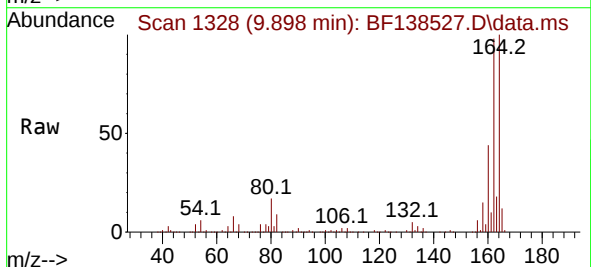
Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:165 Resp: 24895
Ion Ratio Lower Upper
165 100
63 1.4 48.1 72.1#
89 1.5 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.689 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF138527.D
Acq: 11 Jul 2024 17:14

Tgt Ion:165 Resp: 24895
Ion Ratio Lower Upper
165 100
63 1.4 44.6 66.8#
89 1.5 63.4 95.2#
182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138527.D

Acq: 11 Jul 2024 17:14

Instrument :

BNA_F

ClientSampleId :

WC-1

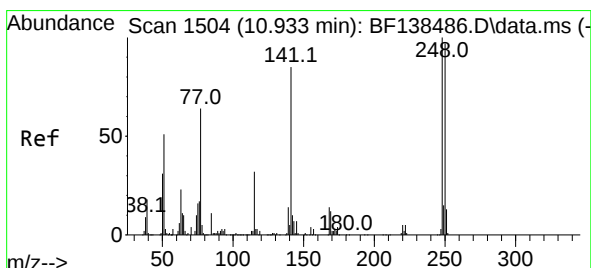
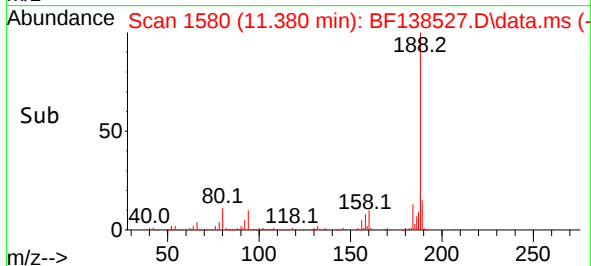
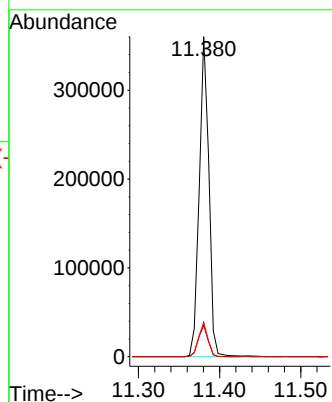
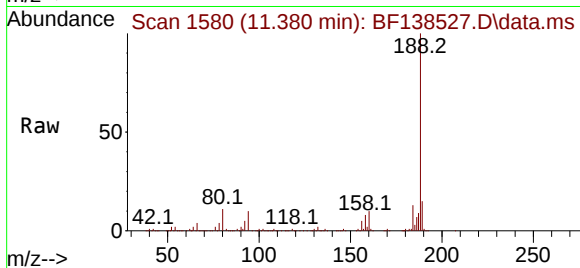
Tgt Ion:188 Resp: 298026

Ion Ratio Lower Upper

188 100

94 9.7 8.7 13.1

80 10.8 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 5.266 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF138527.D

Acq: 11 Jul 2024 17:14

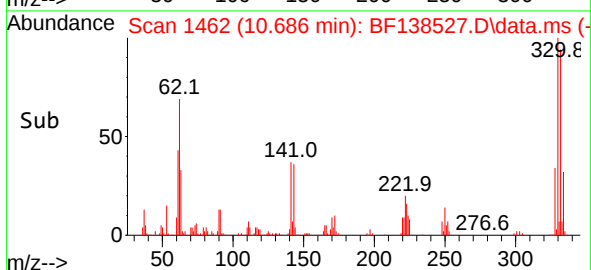
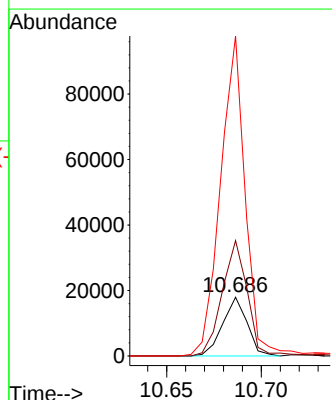
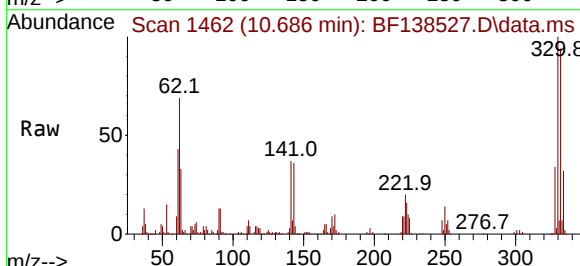
Tgt Ion:248 Resp: 16130

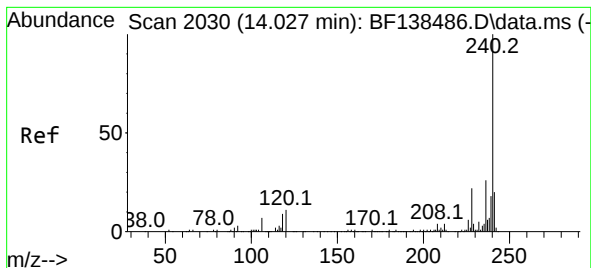
Ion Ratio Lower Upper

248 100

250 196.6 77.9 116.9#

141 545.2 67.7 101.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 2030

Delta R.T. -0.012 min

Lab File: BF138527.D

Acq: 11 Jul 2024 17:14

Instrument :

BNA_F

ClientSampleId :

WC-1

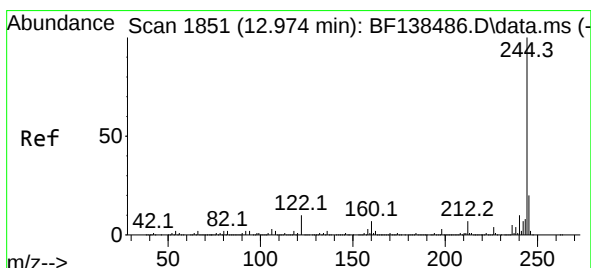
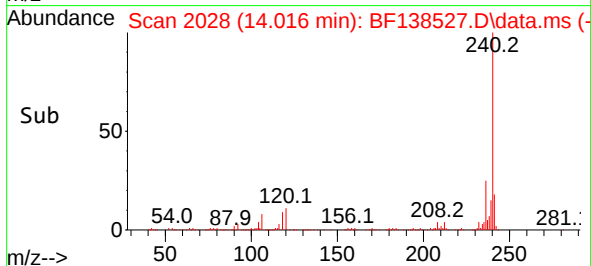
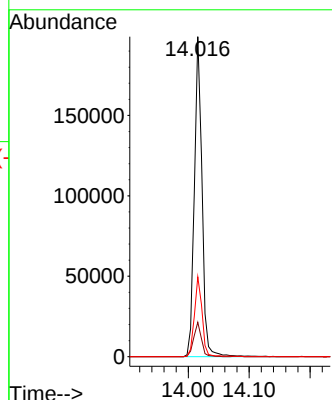
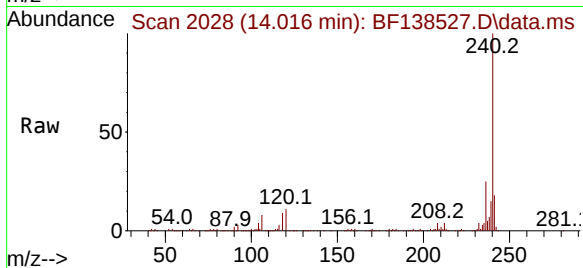
Tgt Ion:240 Resp: 173221

Ion Ratio Lower Upper

240 100

120 10.8 8.6 12.8

236 24.9 21.0 31.6



#79

Terphenyl-d14

Concen: 96.124 ng

RT: 12.969 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF138527.D

Acq: 11 Jul 2024 17:14

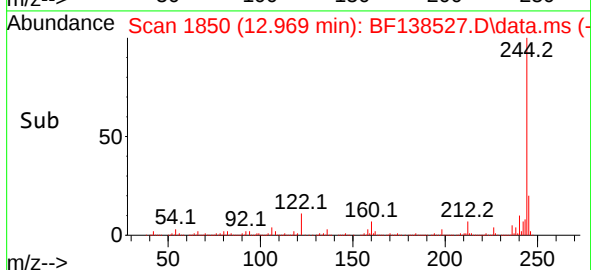
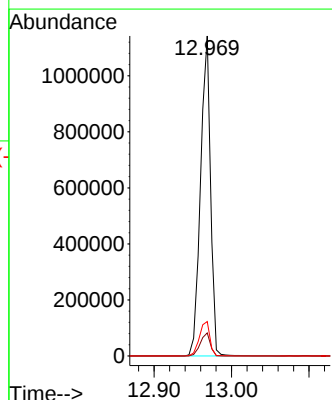
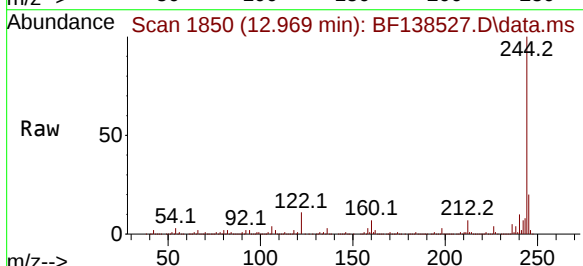
Tgt Ion:244 Resp: 1022073

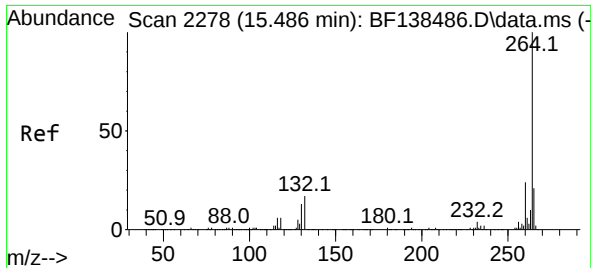
Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 10.7 7.8 11.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF138527.D
 Acq: 11 Jul 2024 17:14

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tgt Ion:264 Resp: 126458
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 20.6 17.0 25.4

