

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
 Data File : BF138504.D
 Acq On : 10 Jul 2024 16:39
 Operator : CG\JU
 Sample : P3190-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 240702108-05

Quant Time: Jul 10 17:11:39 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)

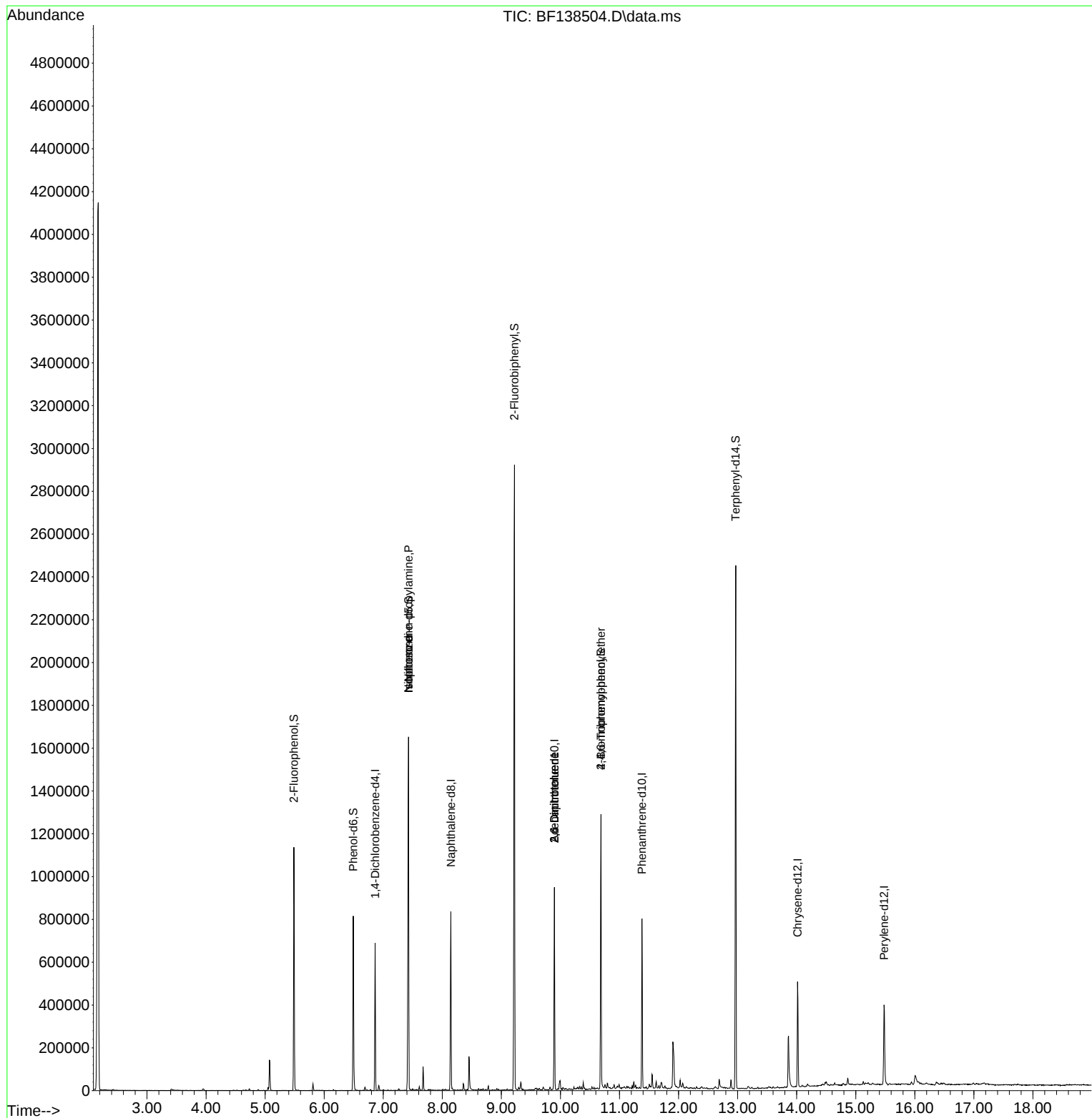
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	83570	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	326414	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	171828	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	265632	20.000	ng	0.00
76) Chrysene-d12	14.015	240	155203	20.000	ng	-0.01
86) Perylene-d12	15.480	264	169813	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.486	112	249287	47.243	ng	0.00
7) Phenol-d6	6.492	99	208512	29.704	ng	-0.01
23) Nitrobenzene-d5	7.427	82	511631	76.957	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	128402	79.956	ng	0.00
45) 2-Fluorobiphenyl	9.221	172	891761	81.112	ng	0.00
79) Terphenyl-d14	12.968	244	782668	82.154	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.427	70	68593	15.814	ng	# 76
25) Isophorone	7.427	82	511619	44.812	ng	# 67
51) 2,6-Dinitrotoluene	9.898	165	21719	8.490	ng	# 24
57) 2,4-Dinitrotoluene	9.898	165	21719	6.562	ng	# 18
67) 4-Bromophenyl-phenylether	10.686	248	8717	3.193	ng	# 1

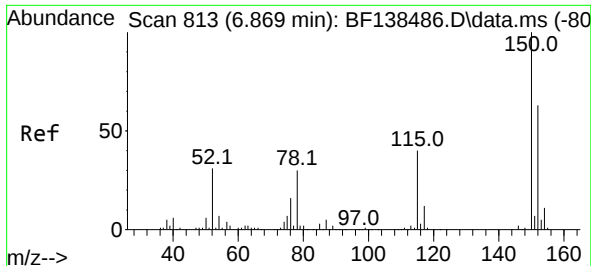
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

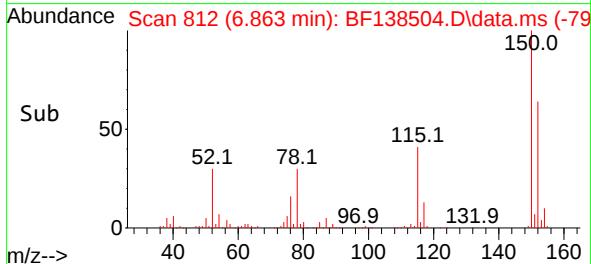
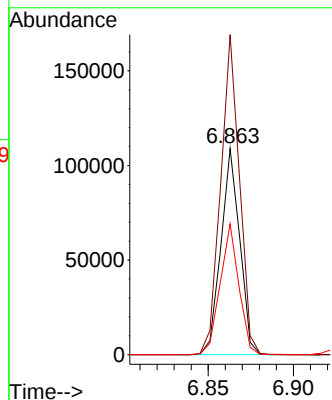
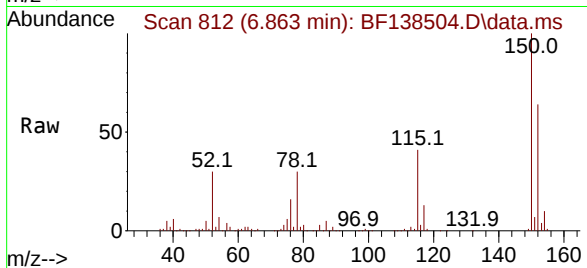




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138504.D
Acq: 10 Jul 2024 16:39

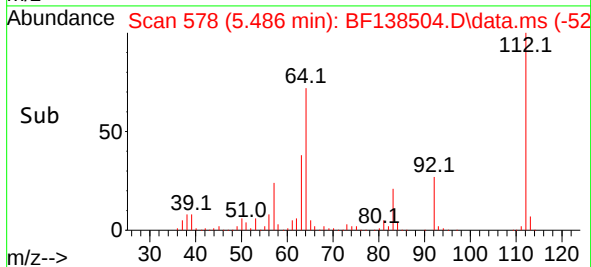
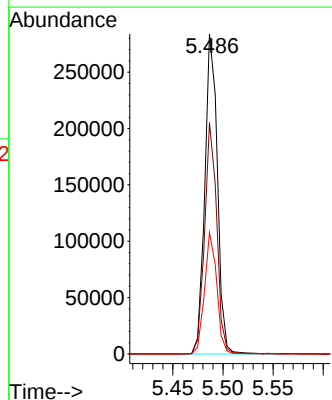
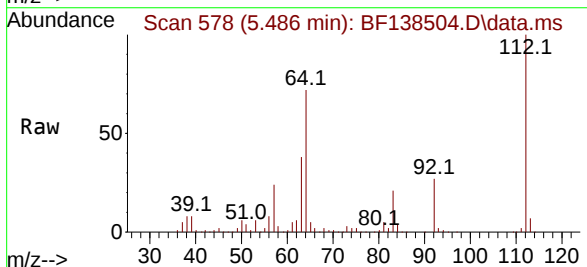
Instrument :
BNA_F
ClientSampleId :
240702108-05

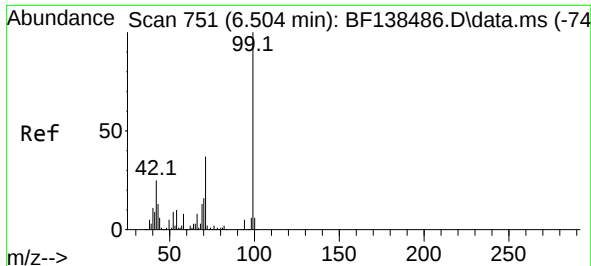
Tgt Ion:152 Resp: 83570
Ion Ratio Lower Upper
152 100
150 155.1 126.2 189.4
115 63.5 50.3 75.5



#5
2-Fluorophenol
Concen: 47.243 ng
RT: 5.486 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF138504.D
Acq: 10 Jul 2024 16:39

Tgt Ion:112 Resp: 249287
Ion Ratio Lower Upper
112 100
64 72.3 55.1 82.7
63 38.0 29.0 43.6

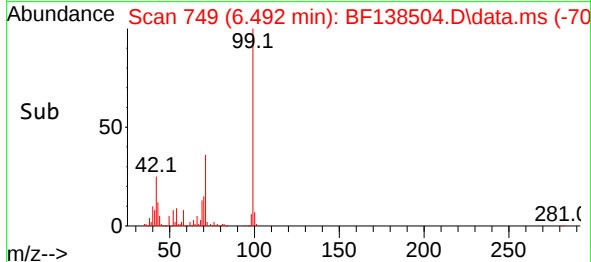
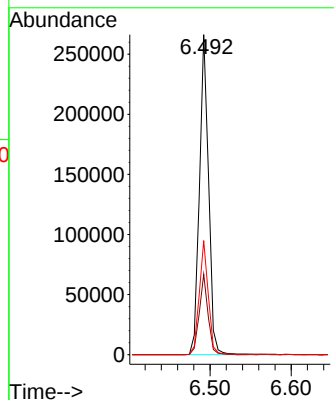
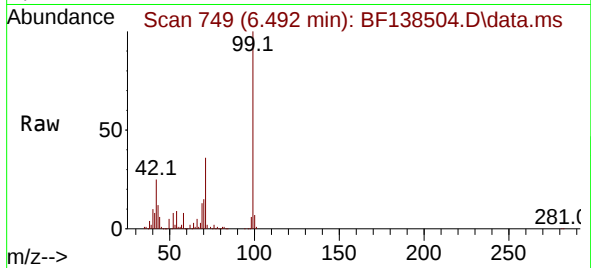




#7
Phenol-d6
Concen: 29.704 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF138504.D
Acq: 10 Jul 2024 16:39

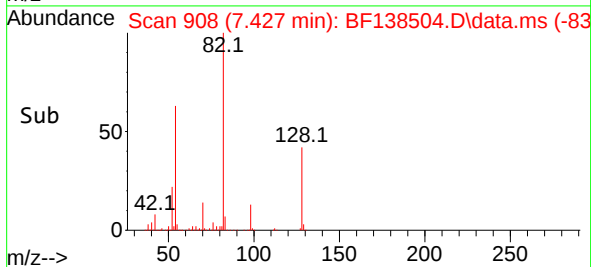
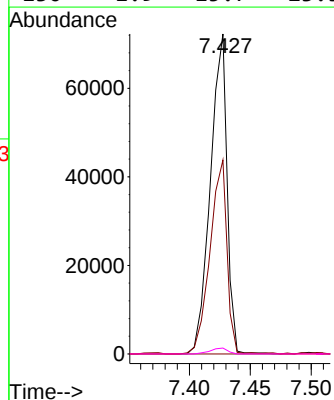
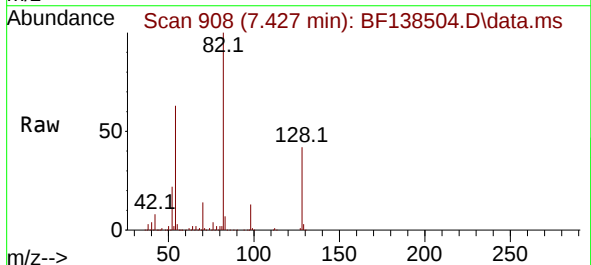
Instrument :
BNA_F
ClientSampleId :
240702108-05

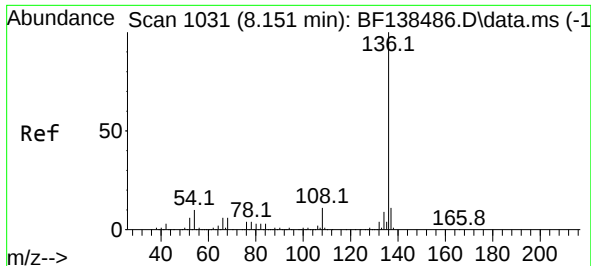
Tgt Ion: 99 Resp: 208512
Ion Ratio Lower Upper
99 100
42 25.2 19.7 29.5
71 35.6 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 15.814 ng
RT: 7.427 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF138504.D
Acq: 10 Jul 2024 16:39

Tgt Ion: 70 Resp: 68593
Ion Ratio Lower Upper
70 100
42 60.6 62.4 93.6#
101 0.0 7.2 10.8#
130 1.9 15.7 23.5#

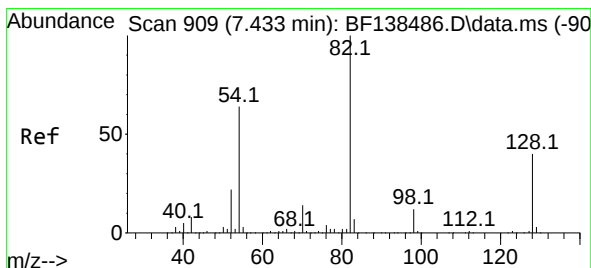
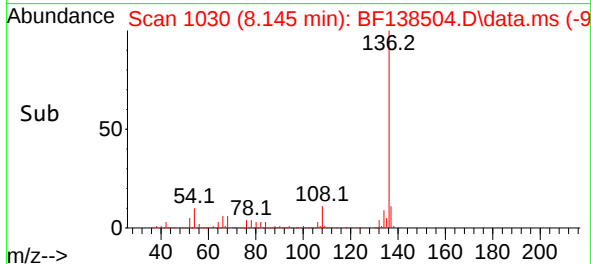
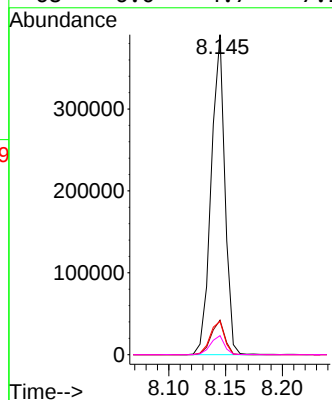
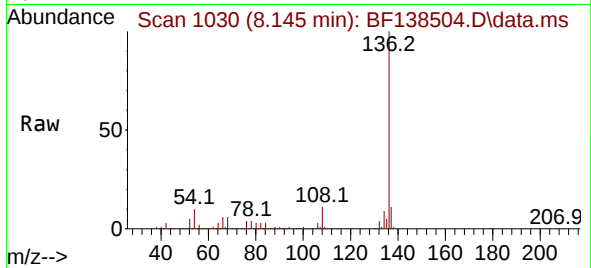




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138504.D
Acq: 10 Jul 2024 16:39

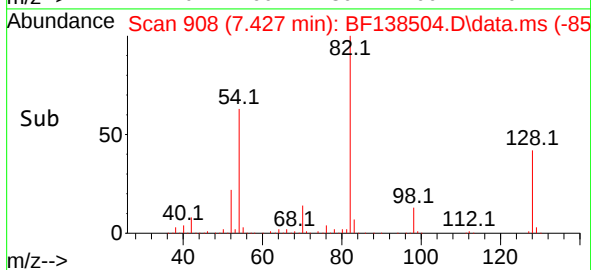
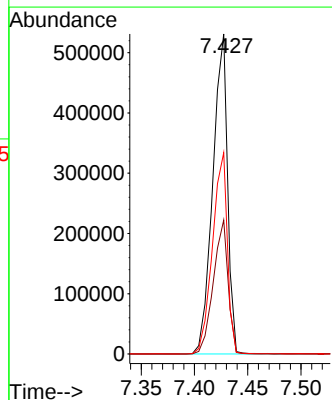
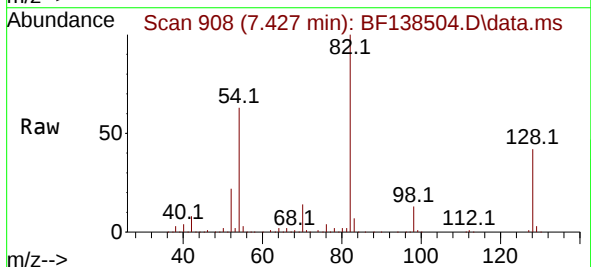
Instrument :
BNA_F
ClientSampleId :
240702108-05

Tgt Ion:	136	Resp:	326414
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.4	8.1	12.1
68	6.0	4.7	7.1



#23
Nitrobenzene-d5
Concen: 76.957 ng
RT: 7.427 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF138504.D
Acq: 10 Jul 2024 16:39

Tgt Ion:	82	Resp:	511631
Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.3	48.5
54	62.9	51.4	77.0

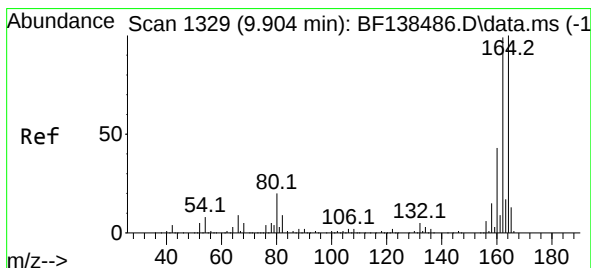
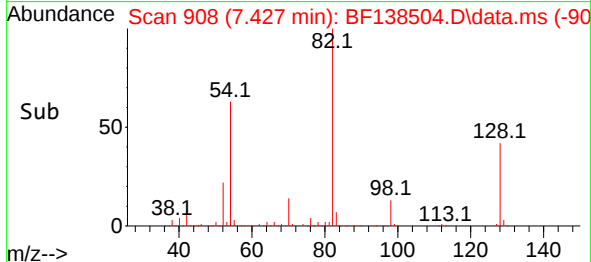
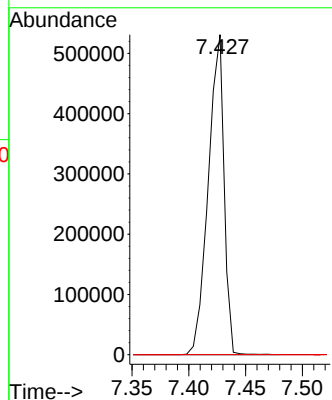
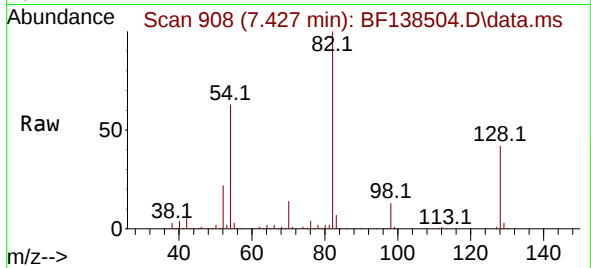




#25
Isophorone
Concen: 44.812 ng
RT: 7.427 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF138504.D
Acq: 10 Jul 2024 16:39

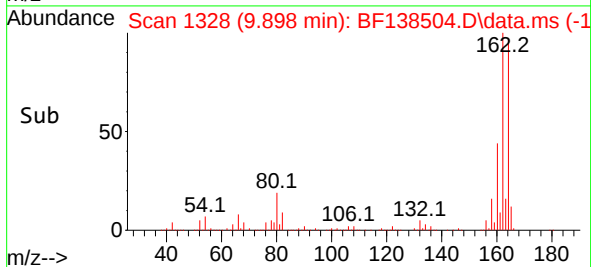
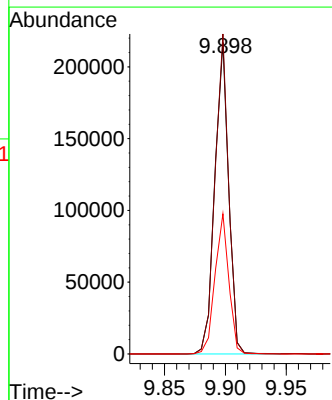
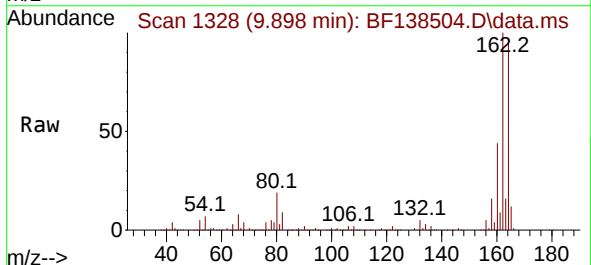
Instrument :
BNA_F
ClientSampleId :
240702108-05

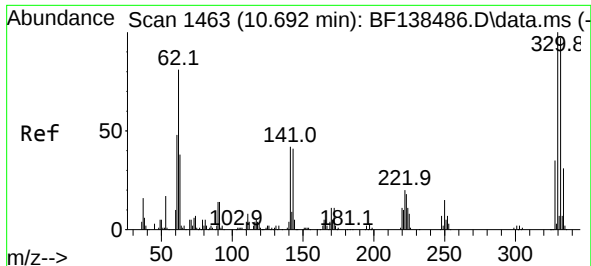
Tgt Ion: 82 Resp: 511619
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138504.D
Acq: 10 Jul 2024 16:39

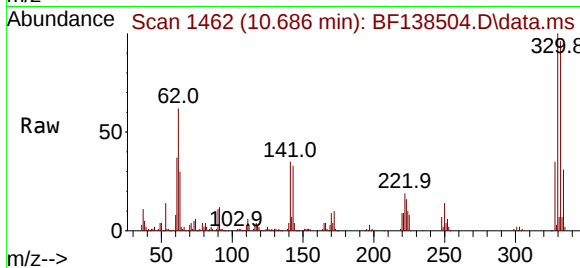
Tgt Ion:164 Resp: 171828
Ion Ratio Lower Upper
164 100
162 102.8 79.0 118.6
160 45.0 34.4 51.6



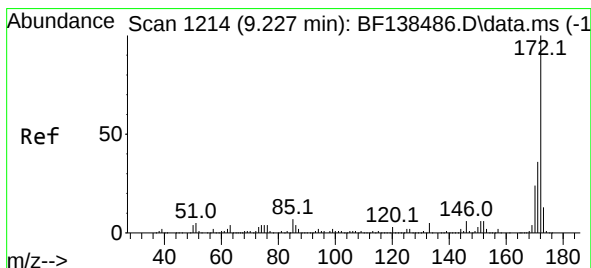
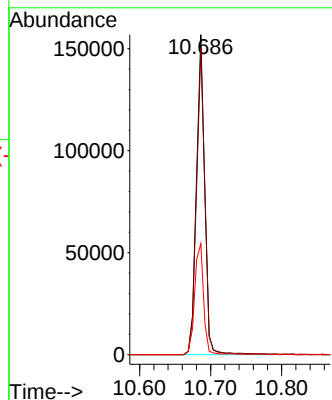
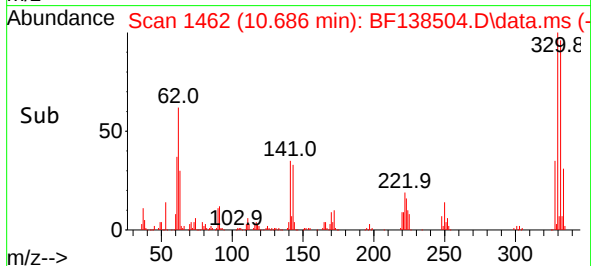


#42
2,4,6-Tribromophenol
Concen: 79.956 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF138504.D
Acq: 10 Jul 2024 16:39

Instrument :
BNA_F
ClientSampleId :
240702108-05

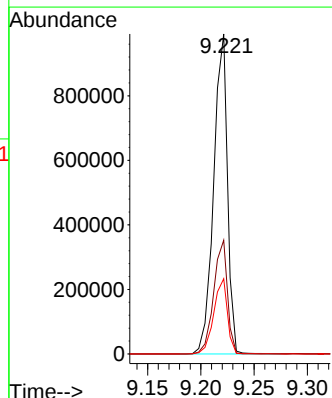
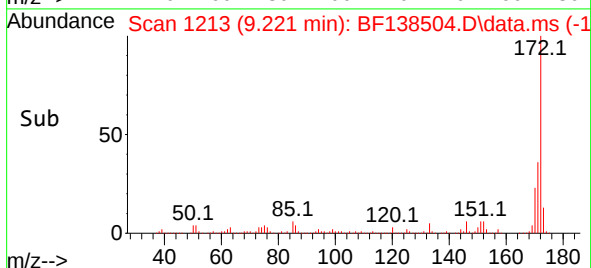
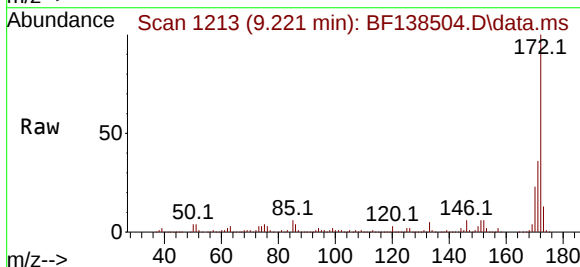


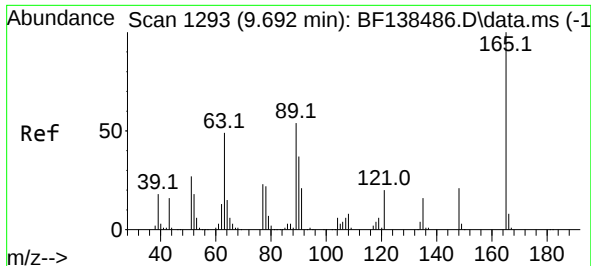
Tgt Ion:330 Resp: 128402
Ion Ratio Lower Upper
330 100
332 96.7 76.8 115.2
141 37.0 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 81.112 ng
RT: 9.221 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF138504.D
Acq: 10 Jul 2024 16:39

Tgt Ion:172 Resp: 891761
Ion Ratio Lower Upper
172 100
171 35.5 28.9 43.3
170 23.5 18.9 28.3

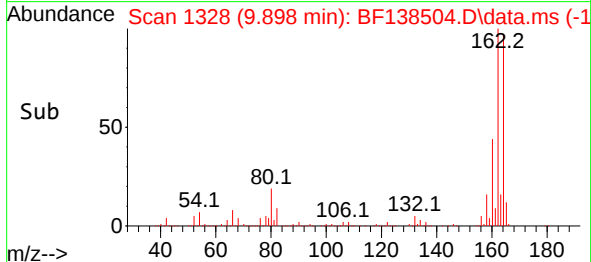
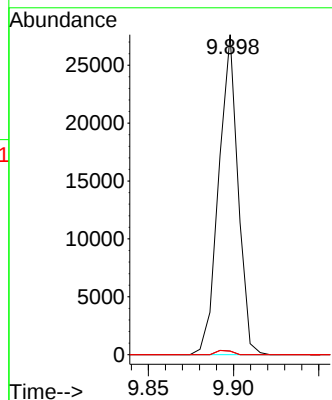
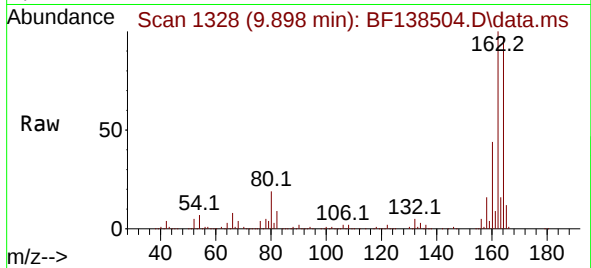




#51
2,6-Dinitrotoluene
Concen: 8.490 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138504.D
Acq: 10 Jul 2024 16:39

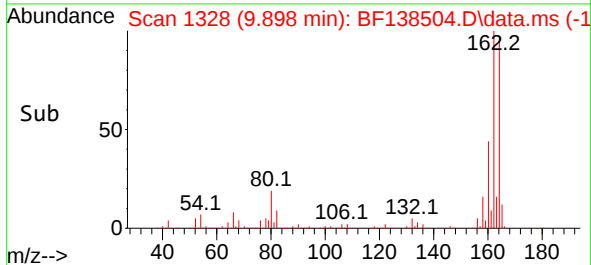
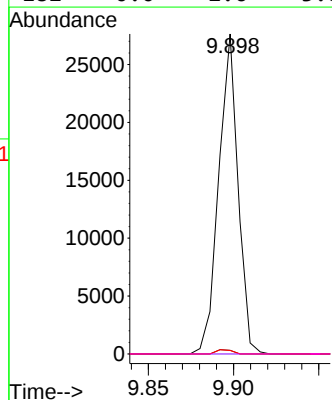
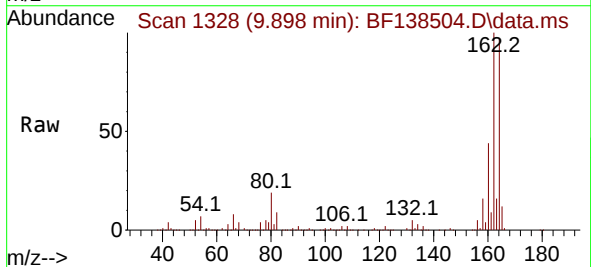
Instrument :
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ClientSampleId :
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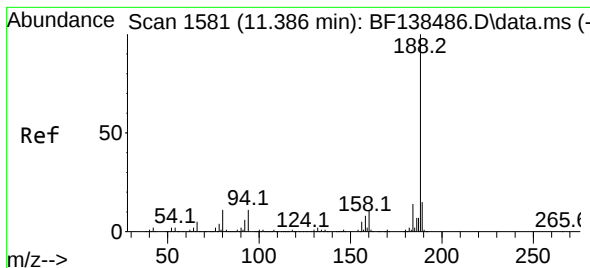
Tgt Ion:165 Resp: 21719
Ion Ratio Lower Upper
165 100
63 1.2 48.1 72.1#
89 1.1 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.562 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF138504.D
Acq: 10 Jul 2024 16:39

Tgt Ion:165 Resp: 21719
Ion Ratio Lower Upper
165 100
63 1.2 44.6 66.8#
89 1.1 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: BF138504.D

Acq: 10 Jul 2024 16:39

Instrument :

BNA_F

ClientSampleId :

240702108-05

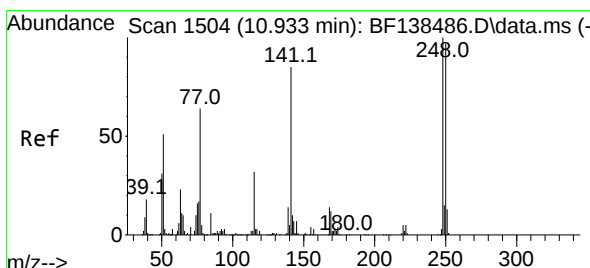
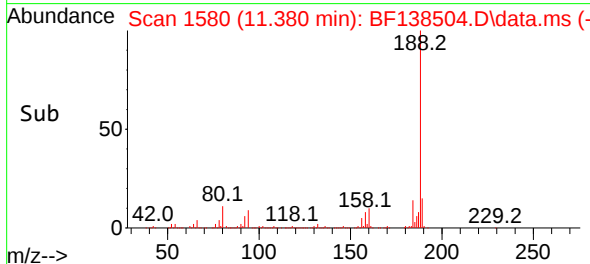
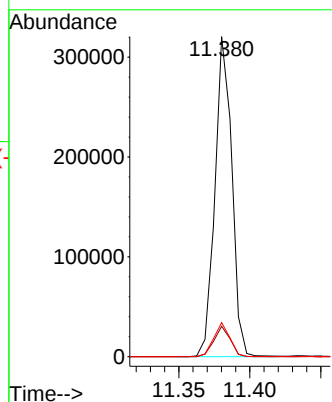
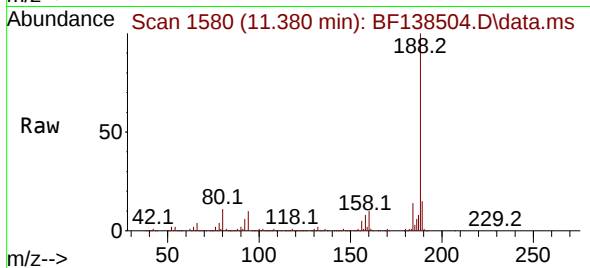
Tgt Ion:188 Resp: 265632

Ion Ratio Lower Upper

188 100

94 9.5 8.7 13.1

80 10.7 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 3.193 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF138504.D

Acq: 10 Jul 2024 16:39

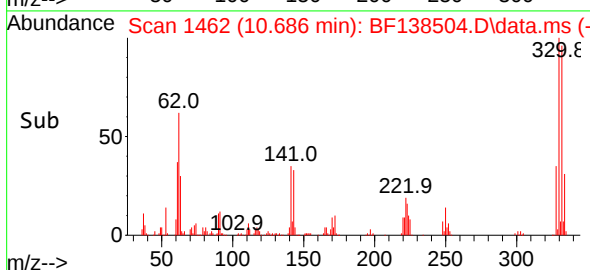
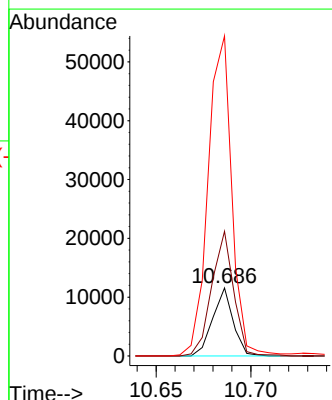
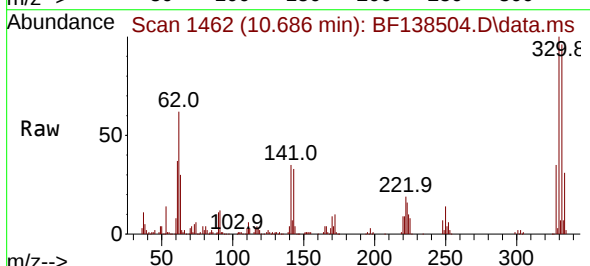
Tgt Ion:248 Resp: 8717

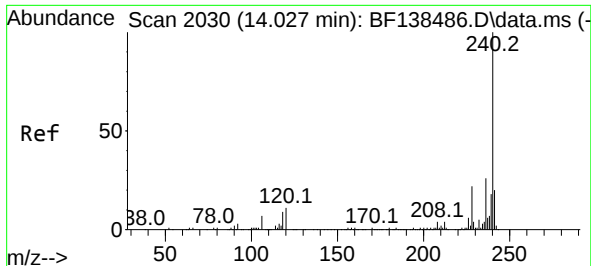
Ion Ratio Lower Upper

248 100

250 183.3 77.9 116.9#

141 470.6 67.7 101.5#

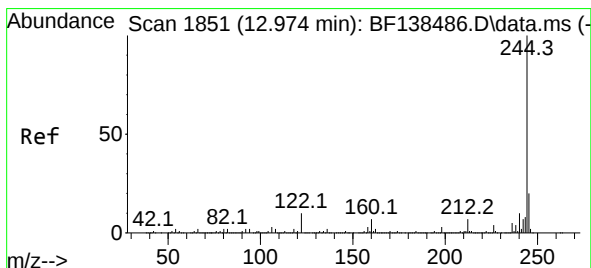
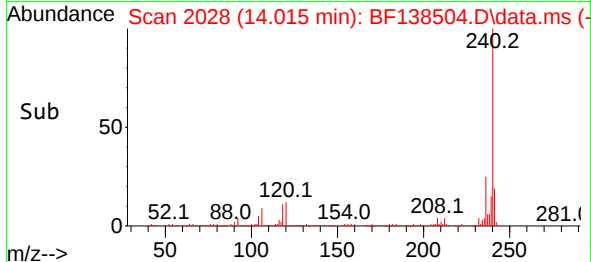
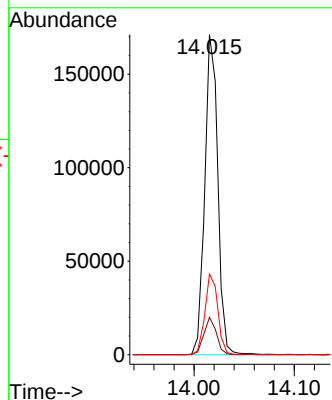
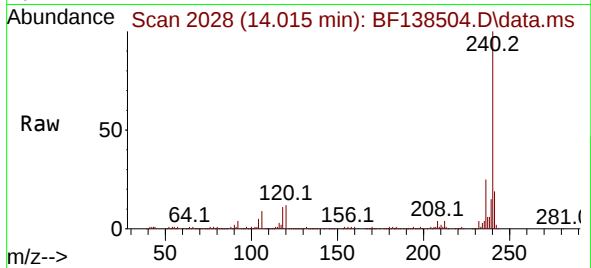




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF138504.D
Acq: 10 Jul 2024 16:39

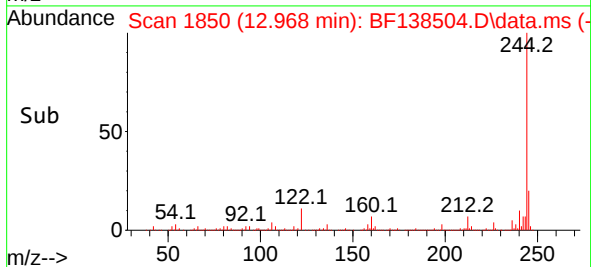
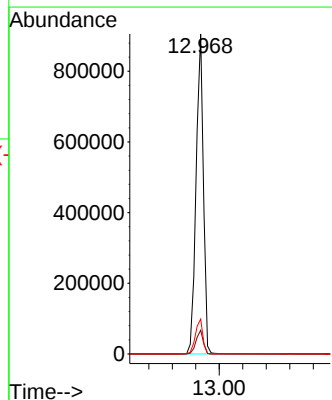
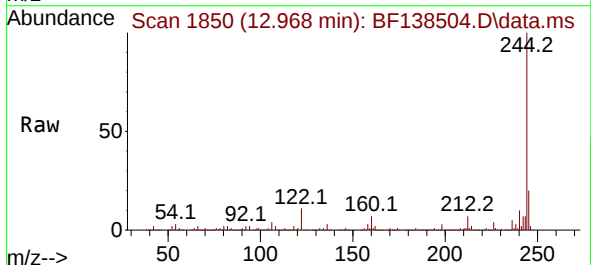
Instrument :
BNA_F
ClientSampleId :
240702108-05

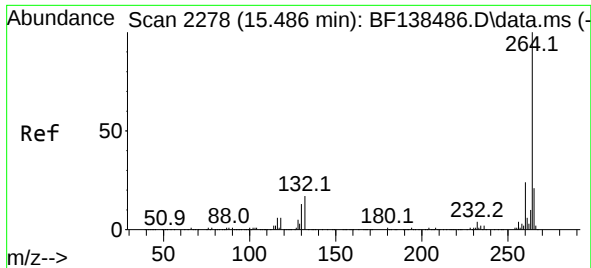
Tgt Ion:240 Resp: 155203
Ion Ratio Lower Upper
240 100
120 11.7 8.6 12.8
236 25.2 21.0 31.6



#79
Terphenyl-d14
Concen: 82.154 ng
RT: 12.968 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF138504.D
Acq: 10 Jul 2024 16:39

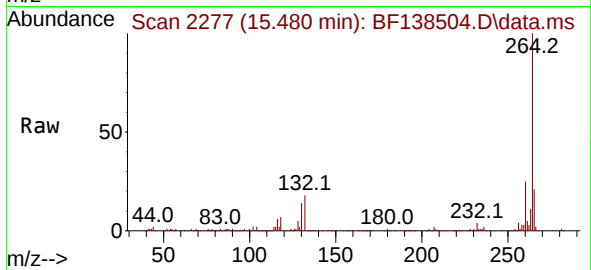
Tgt Ion:244 Resp: 782668
Ion Ratio Lower Upper
244 100
212 7.4 5.5 8.3
122 10.9 7.8 11.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF138504.D
 Acq: 10 Jul 2024 16:39

Instrument :
 BNA_F
 ClientSampleId :
 240702108-05



Tgt Ion:264 Resp: 169813
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.0 28.6
 265 21.0 17.0 25.4

