

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071924\
 Data File : BF138588.D
 Acq On : 19 Jul 2024 14:28
 Operator : RC/JU
 Sample : P3246-01RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-CTW2-BL-01

Quant Time: Jul 19 15:00:04 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)

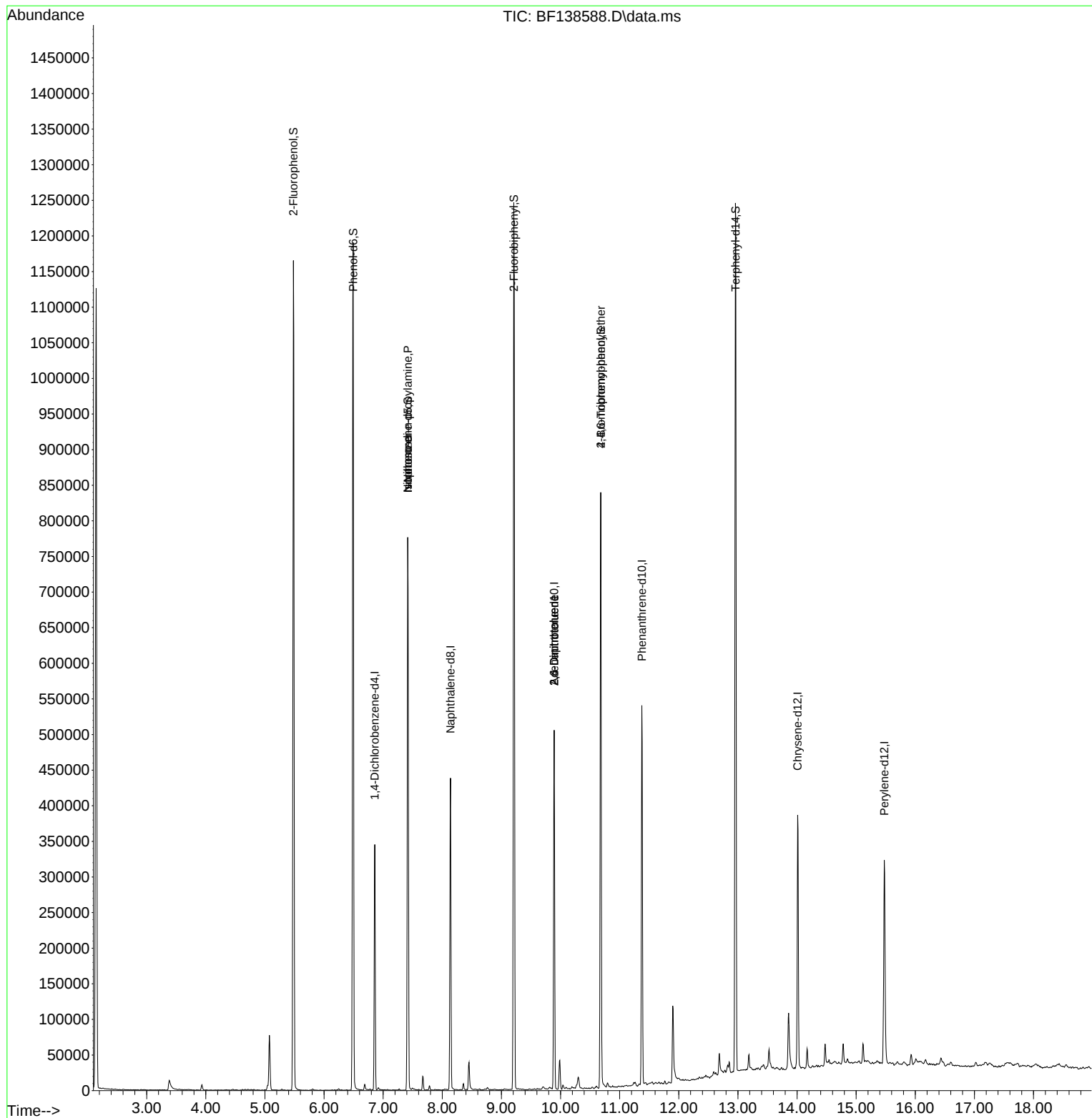
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	66616	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	261023	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	142257	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	266445	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	161842	20.000	ng	-0.02
86) Perylene-d12	15.474	264	157991	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	383999	91.293	ng	-0.01
7) Phenol-d6	6.493	99	516351	92.280	ng	-0.01
23) Nitrobenzene-d5	7.416	82	329823	62.039	ng	-0.02
42) 2,4,6-Tribromophenol	10.680	330	125813	94.629	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	526963	57.895	ng	-0.02
79) Terphenyl-d14	12.963	244	581962	58.581	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	44485	12.866	ng	# 74
25) Isophorone	7.416	82	328137	35.941	ng	# 67
51) 2,6-Dinitrotoluene	9.892	165	18558	8.762	ng	# 25
57) 2,4-Dinitrotoluene	9.892	165	18558	6.772	ng	# 19
67) 4-Bromophenyl-phenylether	10.680	248	8514	3.109	ng	# 1

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

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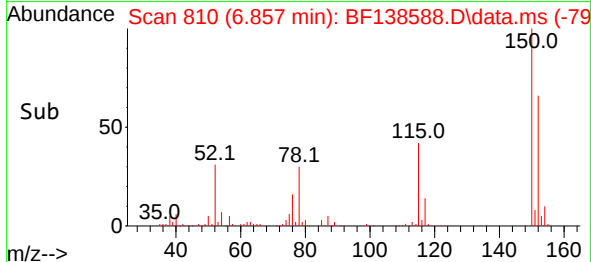
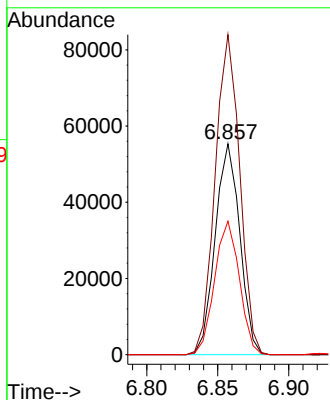
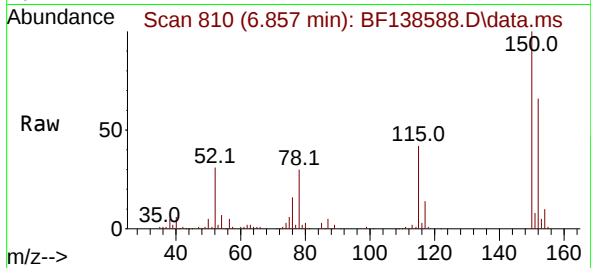




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF138588.D
Acq: 19 Jul 2024 14:28

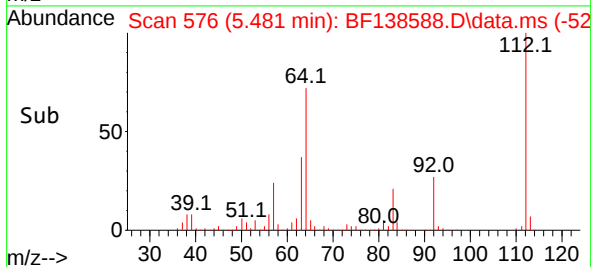
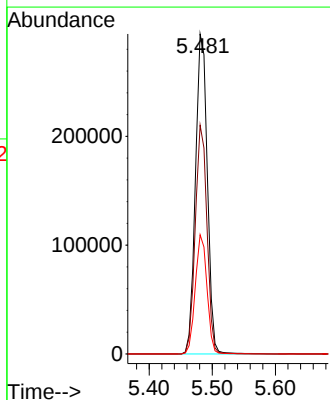
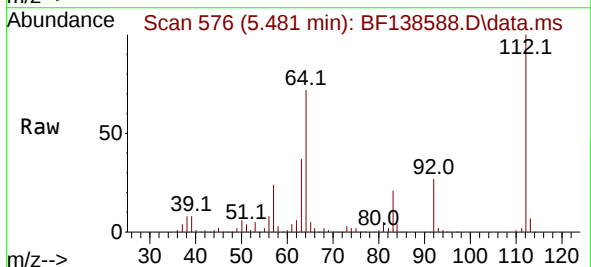
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01

Tgt Ion:152 Resp: 66616
Ion Ratio Lower Upper
152 100
150 151.7 126.2 189.4
115 63.2 50.3 75.5



#5
2-Fluorophenol
Concen: 91.293 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF138588.D
Acq: 19 Jul 2024 14:28

Tgt Ion:112 Resp: 383999
Ion Ratio Lower Upper
112 100
64 71.5 55.1 82.7
63 37.3 29.0 43.6

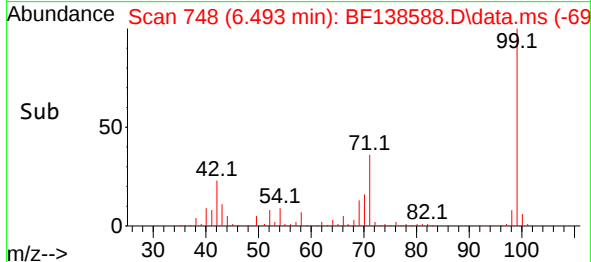
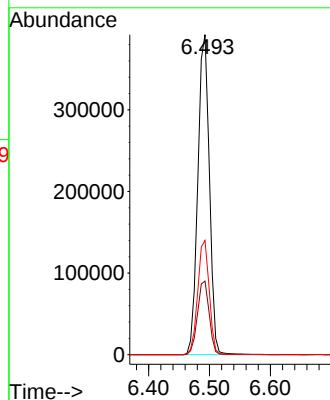
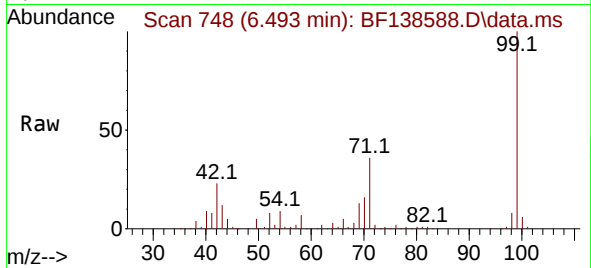




#7
Phenol-d6
Concen: 92.280 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF138588.D
Acq: 19 Jul 2024 14:28

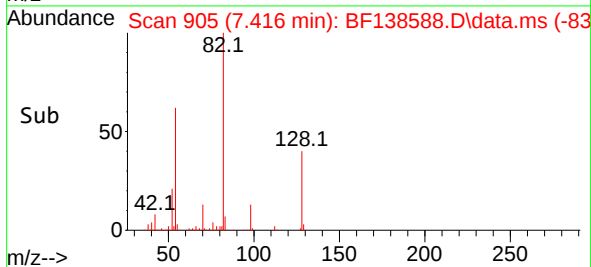
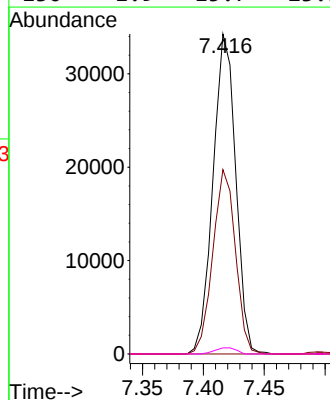
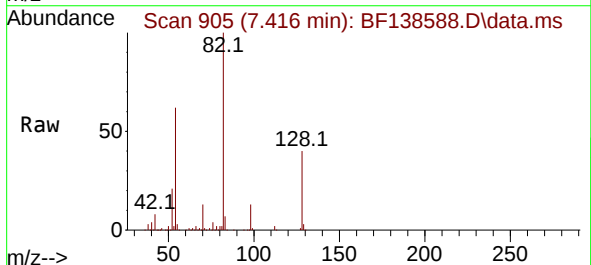
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01

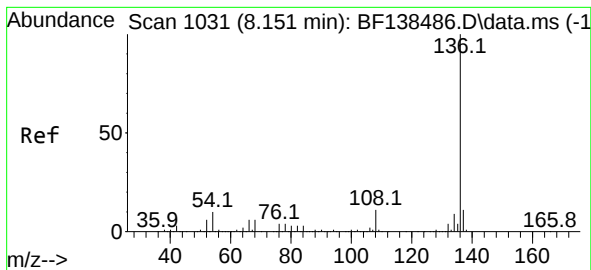
Tgt Ion: 99 Resp: 516351
Ion Ratio Lower Upper
99 100
42 23.0 19.7 29.5
71 35.7 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 12.866 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF138588.D
Acq: 19 Jul 2024 14:28

Tgt Ion: 70 Resp: 44485
Ion Ratio Lower Upper
70 100
42 57.6 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: 8.139 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138588.D

Acq: 19 Jul 2024 14:28

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-01

Tgt Ion:136 Resp: 261023

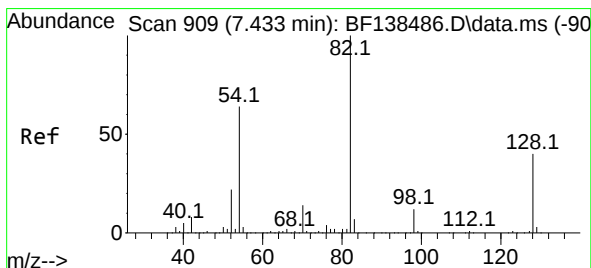
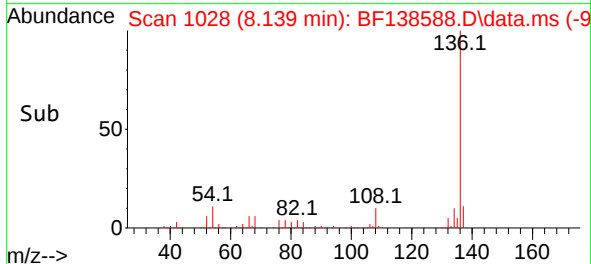
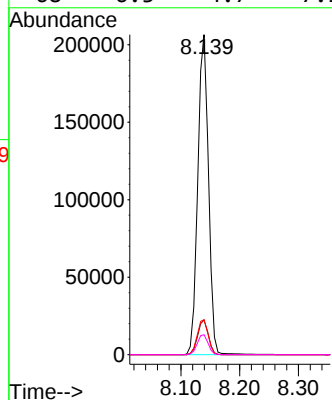
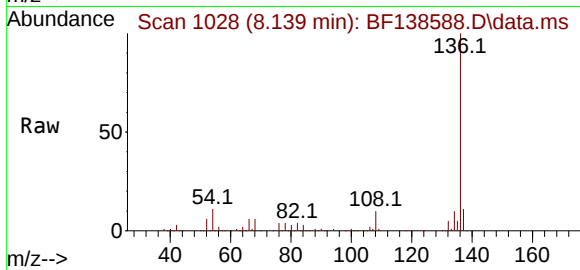
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 10.9 8.1 12.1

68 6.3 4.7 7.1



#23

Nitrobenzene-d5

Concen: 62.039 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.017 min

Lab File: BF138588.D

Acq: 19 Jul 2024 14:28

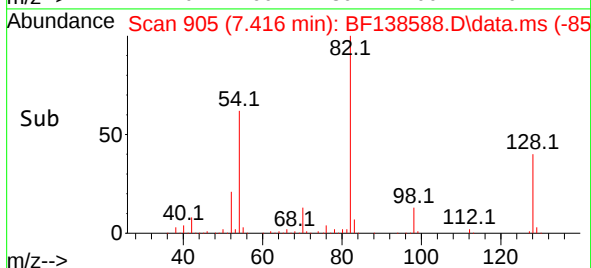
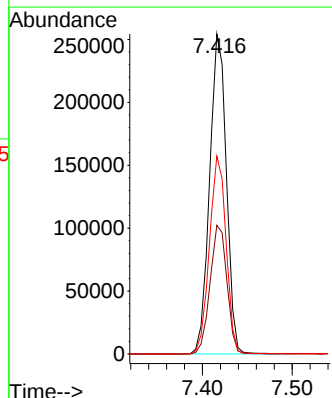
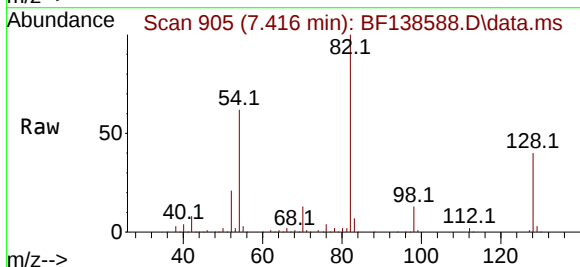
Tgt Ion: 82 Resp: 329823

Ion Ratio Lower Upper

82 100

128 40.2 32.3 48.5

54 61.8 51.4 77.0

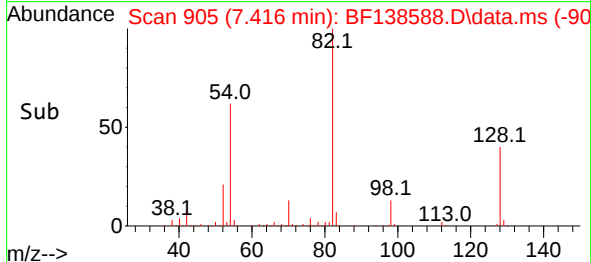
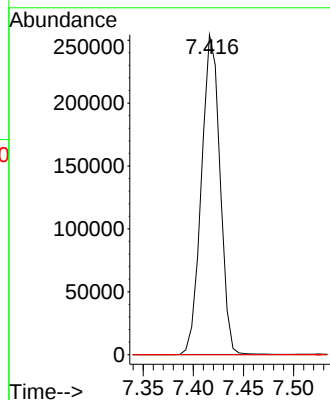
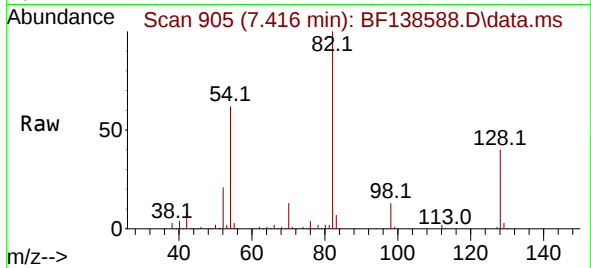




#25
Isophorone
Concen: 35.941 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.270 min
Lab File: BF138588.D
Acq: 19 Jul 2024 14:28

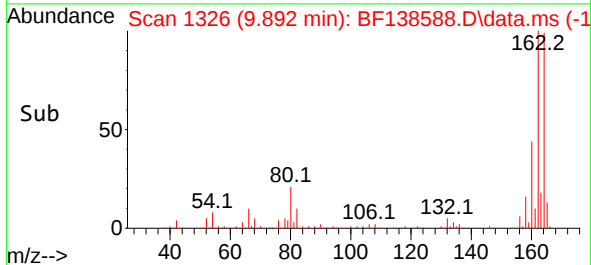
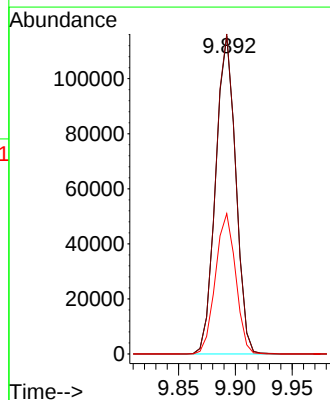
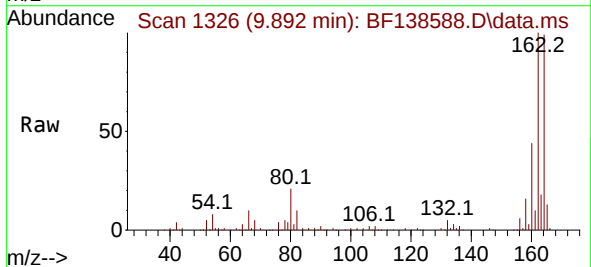
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01

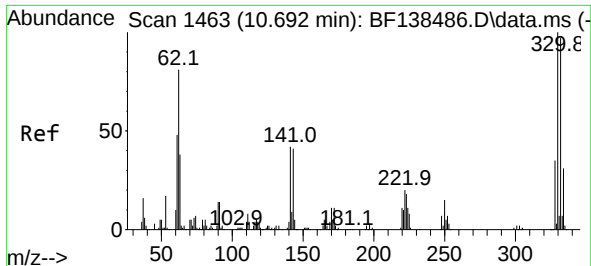
Tgt Ion: 82 Resp: 328137
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF138588.D
Acq: 19 Jul 2024 14:28

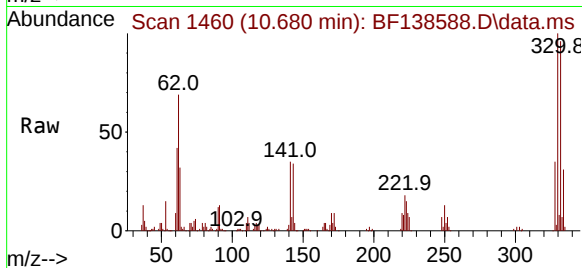
Tgt Ion:164 Resp: 142257
Ion Ratio Lower Upper
164 100
162 100.7 79.0 118.6
160 44.1 34.4 51.6



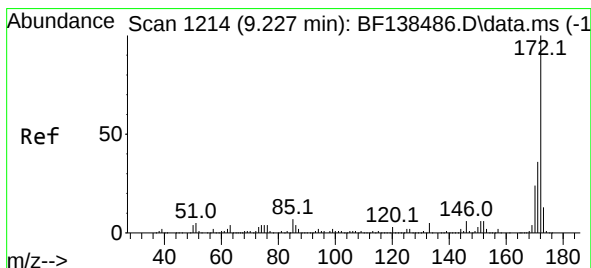
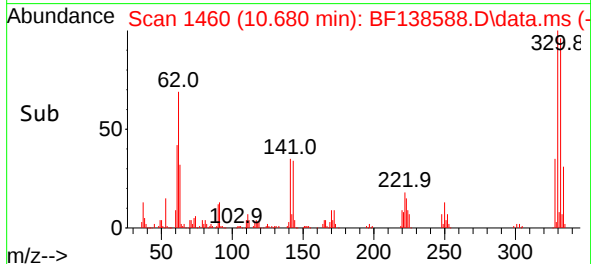
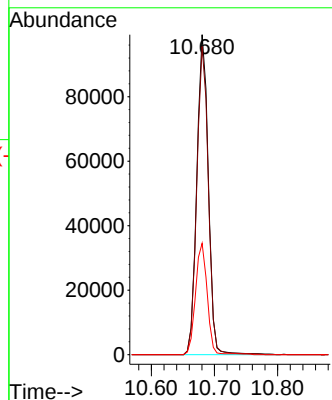


#42
2,4,6-Tribromophenol
Concen: 94.629 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF138588.D
Acq: 19 Jul 2024 14:28

Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01

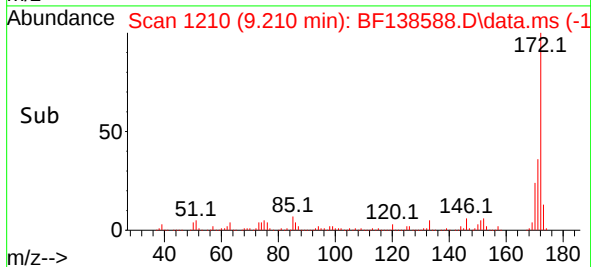
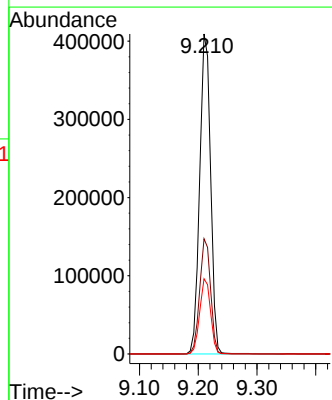
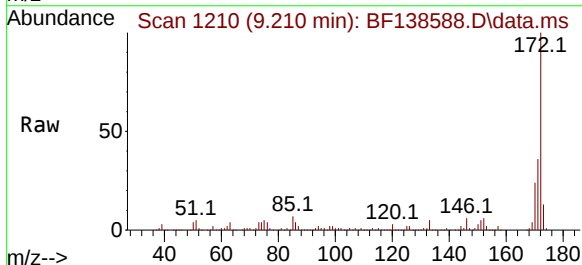


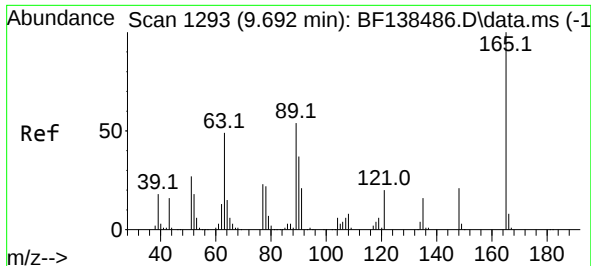
Tgt Ion:330 Resp: 125813
Ion Ratio Lower Upper
330 100
332 96.3 76.8 115.2
141 35.3 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 57.895 ng
RT: 9.210 min Scan# 1210
Delta R.T. -0.017 min
Lab File: BF138588.D
Acq: 19 Jul 2024 14:28

Tgt Ion:172 Resp: 526963
Ion Ratio Lower Upper
172 100
171 36.0 28.9 43.3
170 23.5 18.9 28.3

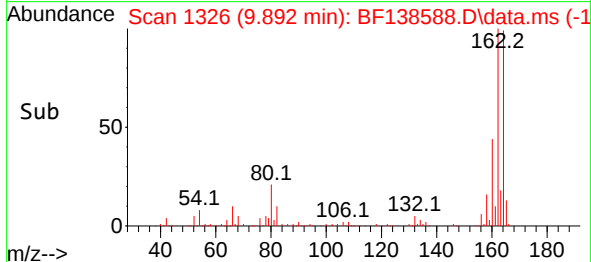
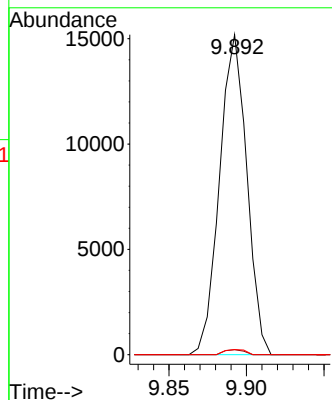
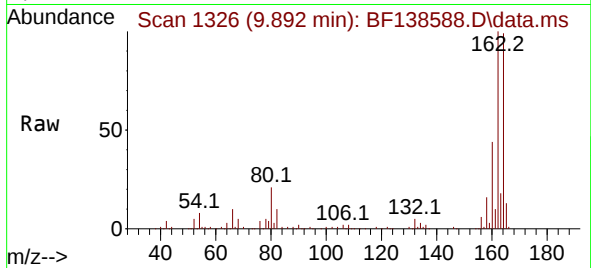




#51
2,6-Dinitrotoluene
Concen: 8.762 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138588.D
Acq: 19 Jul 2024 14:28

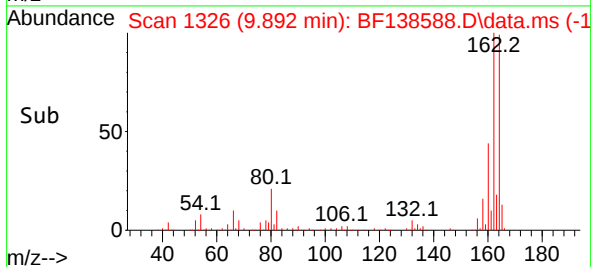
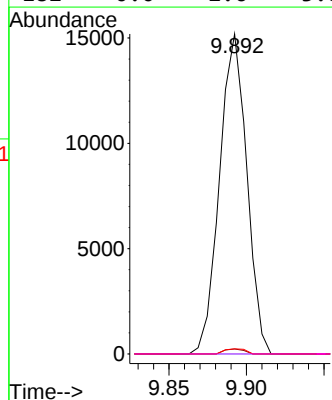
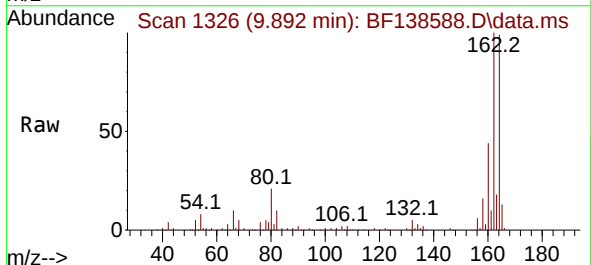
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BNA_F
ClientSampleId :
WC-CTW2-BL-01

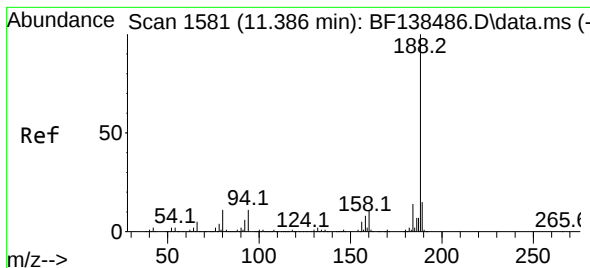
Tgt Ion:165 Resp: 18558
Ion Ratio Lower Upper
165 100
63 1.6 48.1 72.1#
89 1.6 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.772 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF138588.D
Acq: 19 Jul 2024 14:28

Tgt Ion:165 Resp: 18558
Ion Ratio Lower Upper
165 100
63 1.6 44.6 66.8#
89 1.6 63.4 95.2#
182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138588.D

Acq: 19 Jul 2024 14:28

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-01

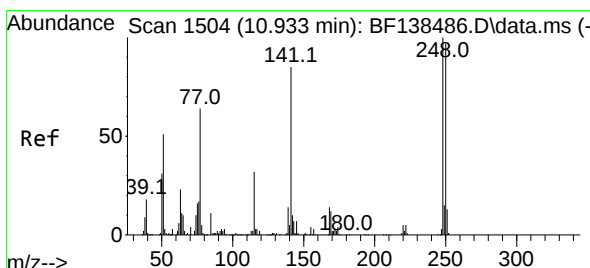
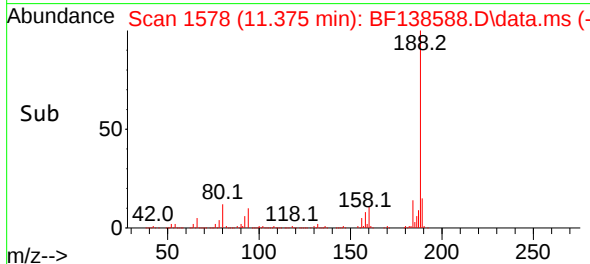
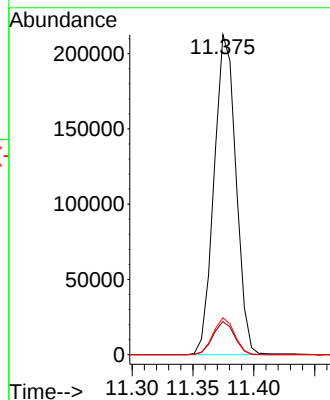
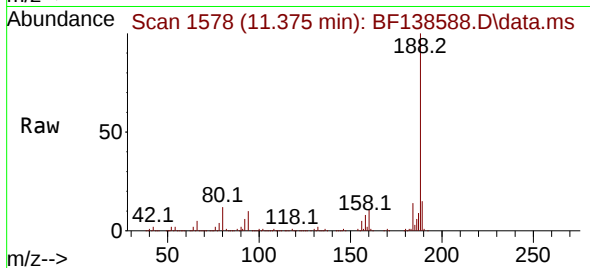
Tgt Ion:188 Resp: 266445

Ion Ratio Lower Upper

188 100

94 10.4 8.7 13.1

80 11.5 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 3.109 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.253 min

Lab File: BF138588.D

Acq: 19 Jul 2024 14:28

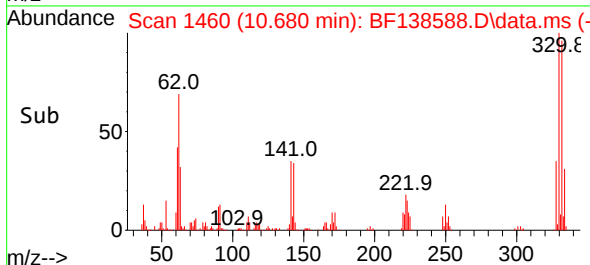
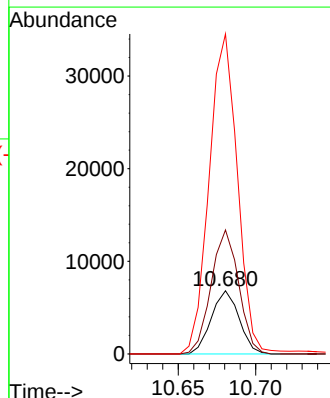
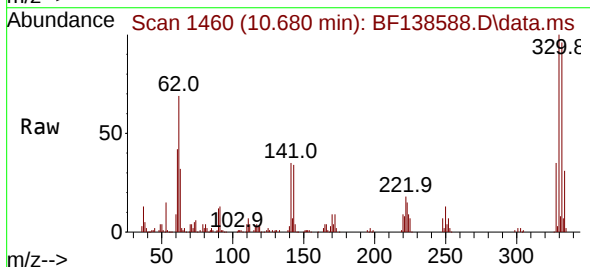
Tgt Ion:248 Resp: 8514

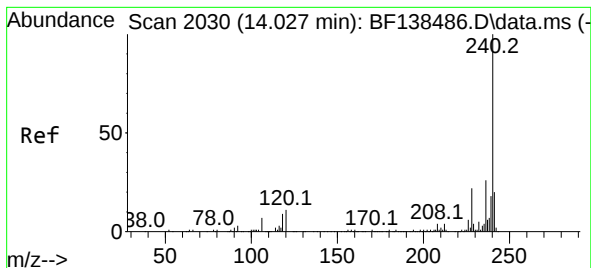
Ion Ratio Lower Upper

248 100

250 196.3 77.9 116.9#

141 506.6 67.7 101.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2030

Delta R.T. -0.017 min

Lab File: BF138588.D

Acq: 19 Jul 2024 14:28

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-01

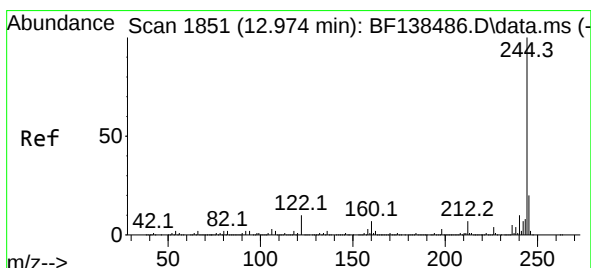
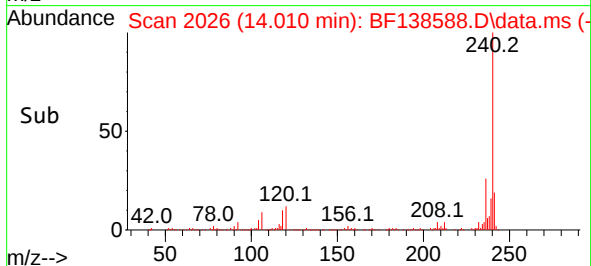
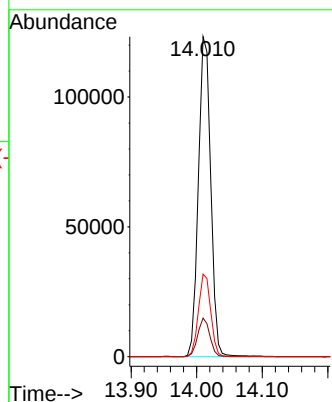
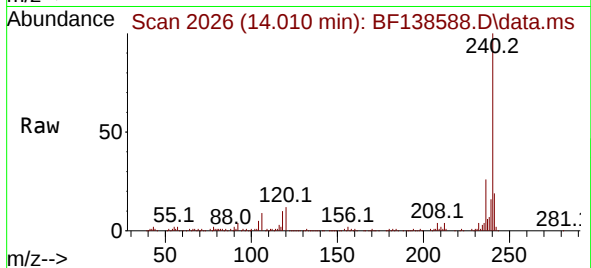
Tgt Ion:240 Resp: 161842

Ion Ratio Lower Upper

240 100

120 12.1 8.6 12.8

236 25.8 21.0 31.6



#79

Terphenyl-d14

Concen: 58.581 ng

RT: 12.963 min Scan# 1848

Delta R.T. -0.012 min

Lab File: BF138588.D

Acq: 19 Jul 2024 14:28

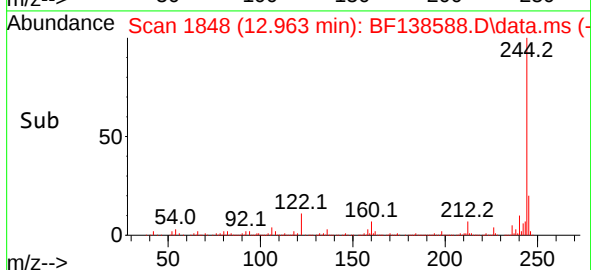
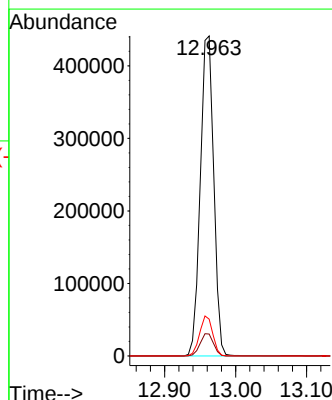
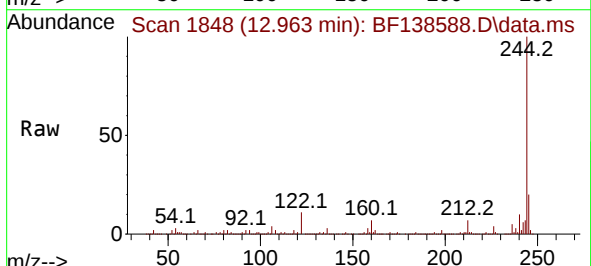
Tgt Ion:244 Resp: 581962

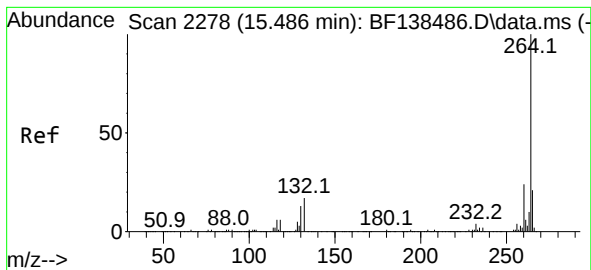
Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 11.5 7.8 11.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF138588.D

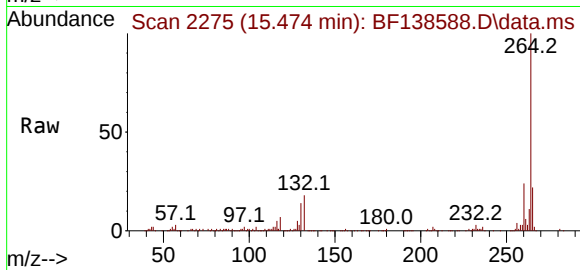
Acq: 19 Jul 2024 14:28

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-01



Tgt Ion:264 Resp: 157991

Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.6

265 21.6 17.0 25.4

