

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071924\
Data File : BF138589.D
Acq On : 19 Jul 2024 14:58
Operator : RC/JU
Sample : P3246-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02

Quant Time: Jul 19 15:25:22 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	65893	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	262004	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	144879	20.000	ng	-0.01
64) Phenanthrene-d10	11.380	188	265707	20.000	ng	0.00
76) Chrysene-d12	14.015	240	156082	20.000	ng	-0.01
86) Perylene-d12	15.480	264	162103	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	518500	124.623	ng	0.00
7) Phenol-d6	6.492	99	709813	128.246	ng	-0.01
23) Nitrobenzene-d5	7.422	82	439621	82.382	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	174376	128.782	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	728180	78.554	ng	-0.01
79) Terphenyl-d14	12.963	244	801470	83.654	ng	-0.01

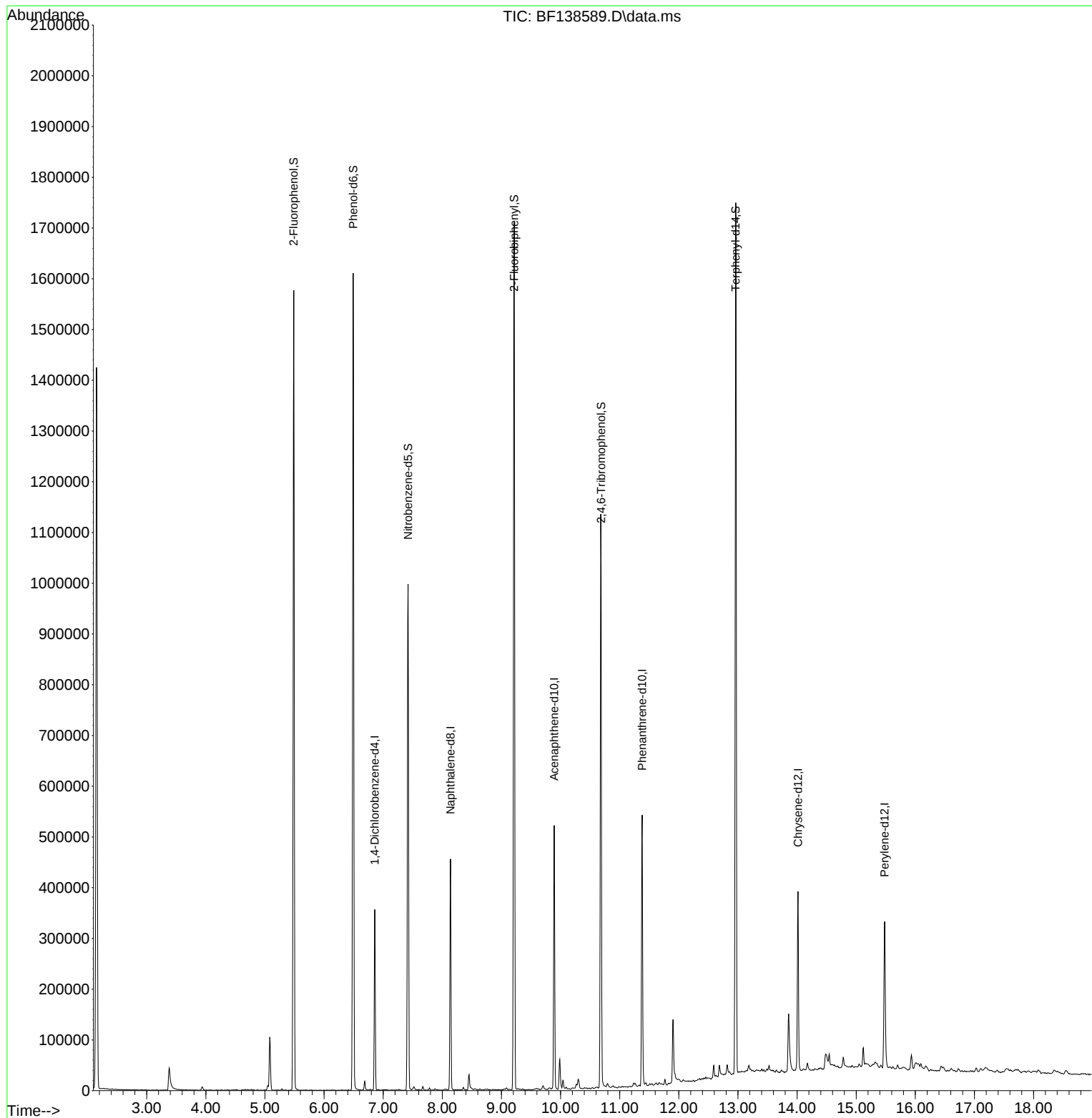
Target Compounds	Qvalue

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

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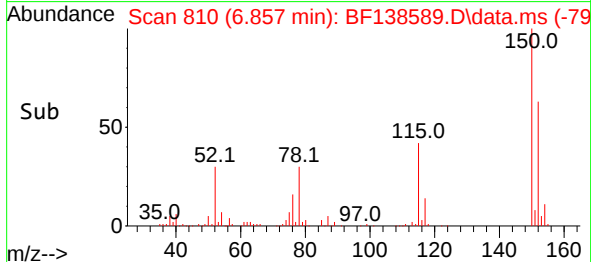
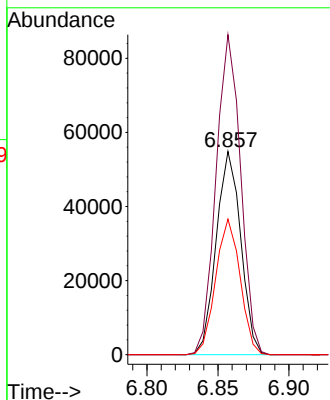
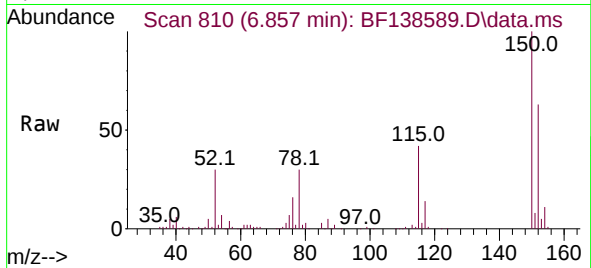




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF138589.D
Acq: 19 Jul 2024 14:58

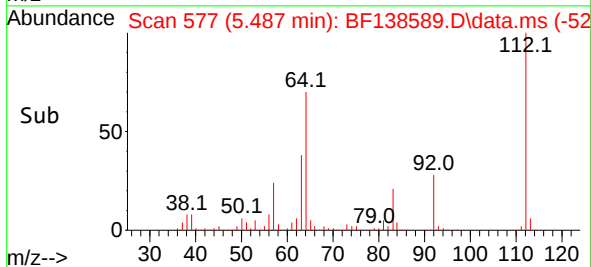
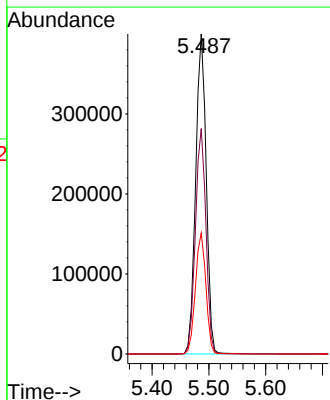
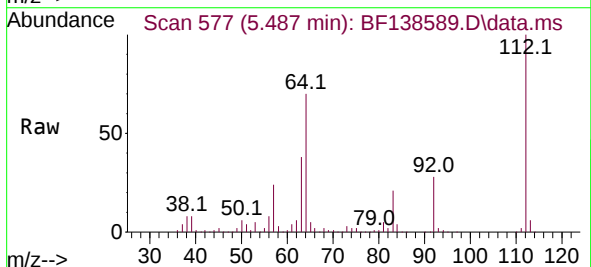
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02

Tgt Ion:152 Resp: 65893
Ion Ratio Lower Upper
152 100
150 157.5 126.2 189.4
115 66.7 50.3 75.5



#5
2-Fluorophenol
Concen: 124.623 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF138589.D
Acq: 19 Jul 2024 14:58

Tgt Ion:112 Resp: 518500
Ion Ratio Lower Upper
112 100
64 70.5 55.1 82.7
63 37.8 29.0 43.6

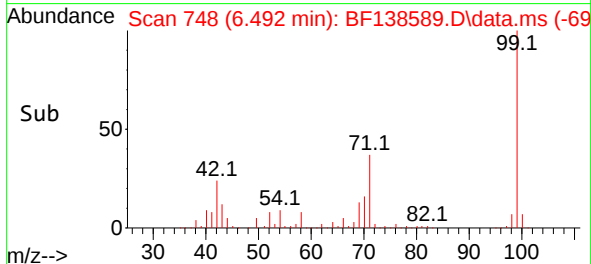
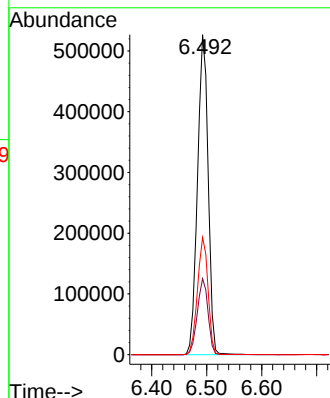
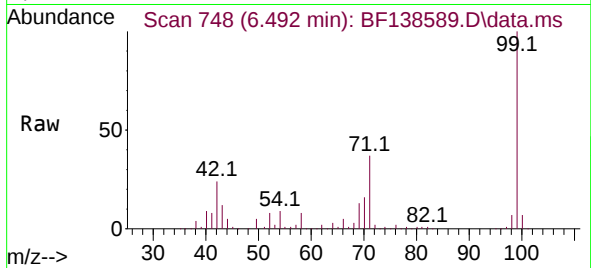




#7
Phenol-d6
Concen: 128.246 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF138589.D
Acq: 19 Jul 2024 14:58

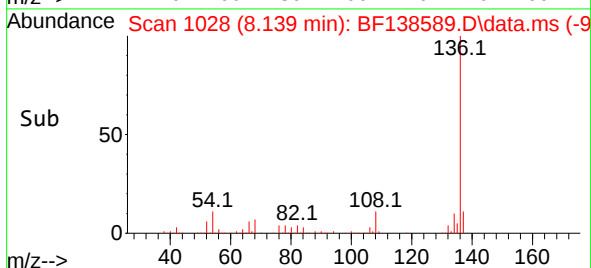
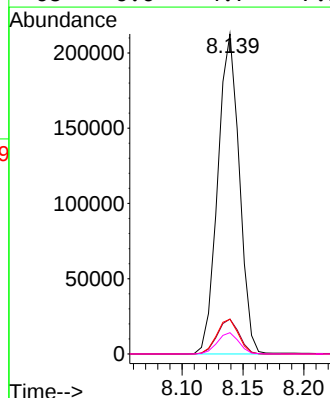
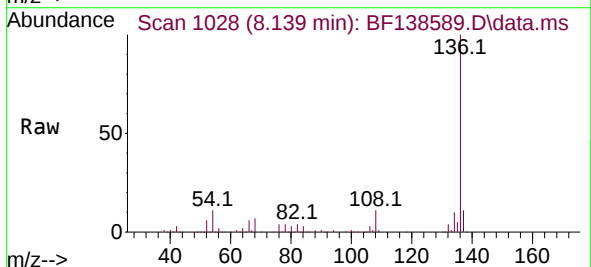
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02

Tgt Ion: 99 Resp: 709813
Ion Ratio Lower Upper
99 100
42 23.8 19.7 29.5
71 36.7 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF138589.D
Acq: 19 Jul 2024 14:58

Tgt Ion:136 Resp: 262004
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.9 8.1 12.1
68 6.6 4.7 7.1





#23

Nitrobenzene-d5

Concen: 82.382 ng

RT: 7.422 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF138589.D

Acq: 19 Jul 2024 14:58

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-02

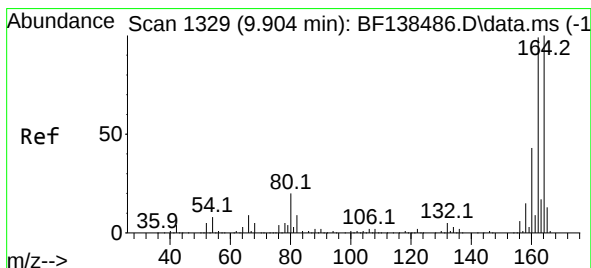
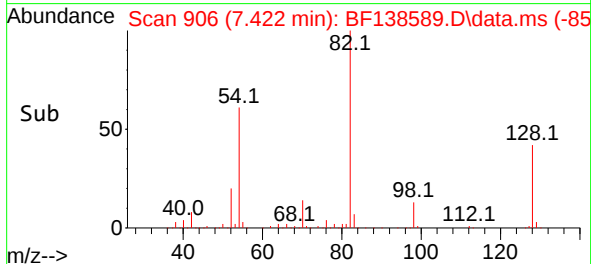
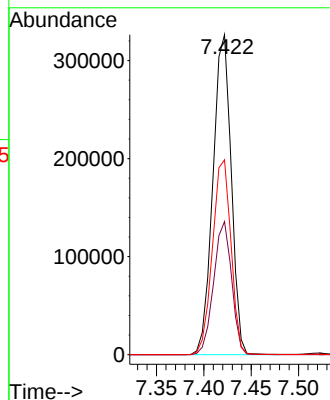
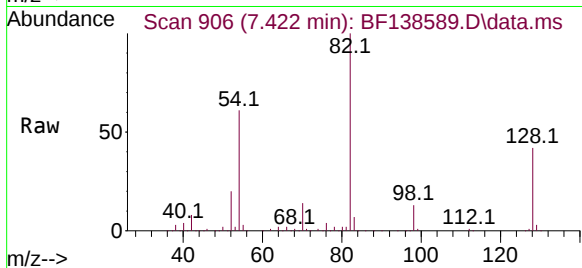
Tgt Ion: 82 Resp: 439621

Ion Ratio Lower Upper

82 100

128 41.6 32.3 48.5

54 60.9 51.4 77.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1326

Delta R.T. -0.012 min

Lab File: BF138589.D

Acq: 19 Jul 2024 14:58

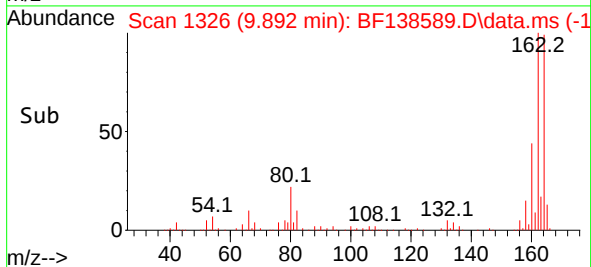
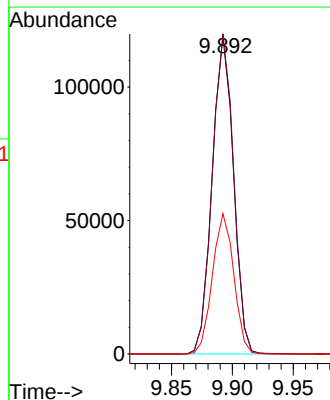
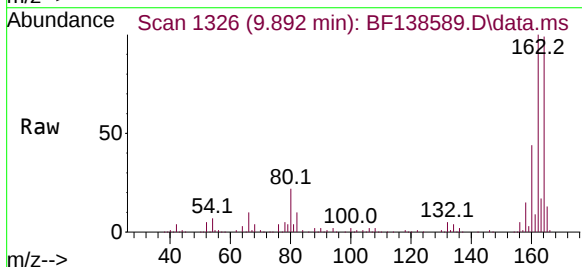
Tgt Ion:164 Resp: 144879

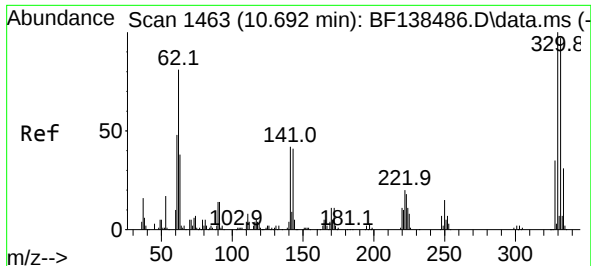
Ion Ratio Lower Upper

164 100

162 100.7 79.0 118.6

160 44.2 34.4 51.6

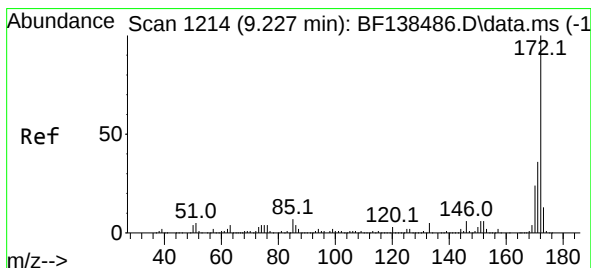
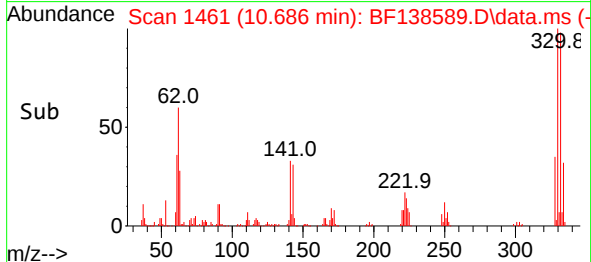
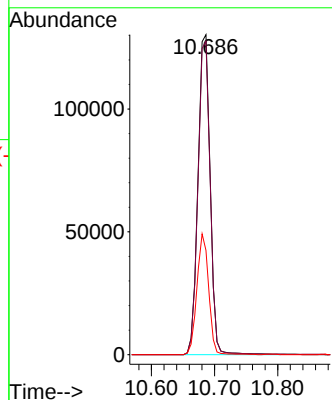
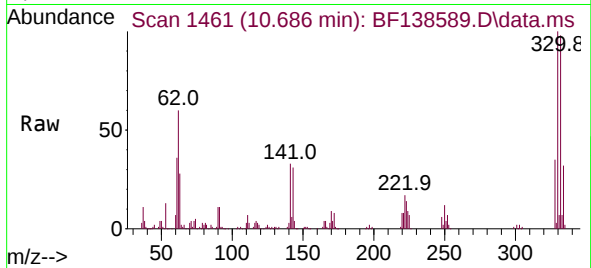




#42
2,4,6-Tribromophenol
Concen: 128.782 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF138589.D
Acq: 19 Jul 2024 14:58

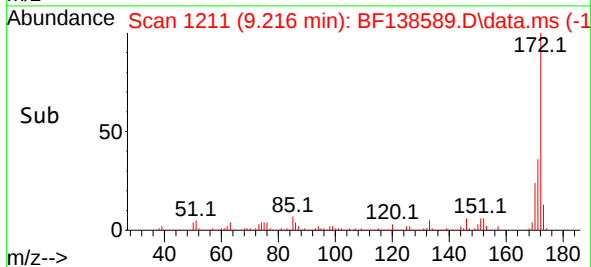
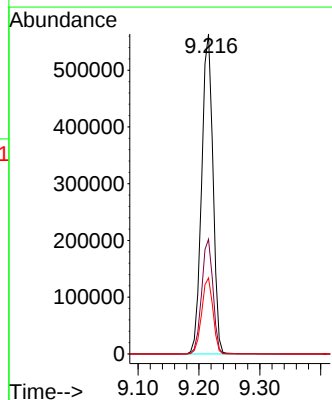
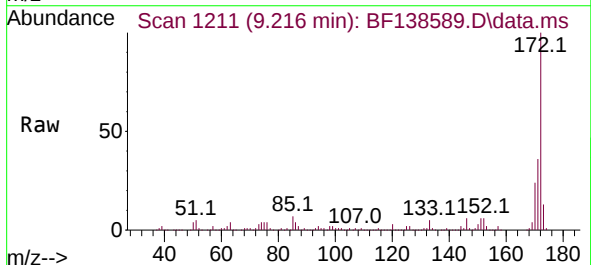
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02

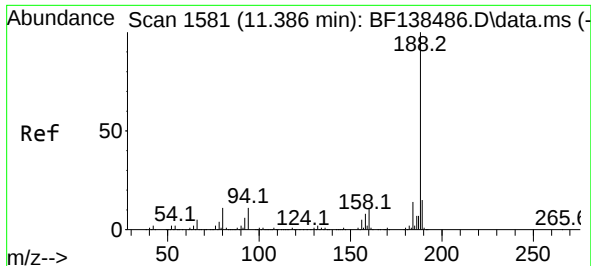
Tgt Ion: 330 Resp: 174376
Ion Ratio Lower Upper
330 100
332 97.7 76.8 115.2
141 36.4 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 78.554 ng
RT: 9.216 min Scan# 1211
Delta R.T. -0.012 min
Lab File: BF138589.D
Acq: 19 Jul 2024 14:58

Tgt Ion: 172 Resp: 728180
Ion Ratio Lower Upper
172 100
171 35.9 28.9 43.3
170 23.8 18.9 28.3

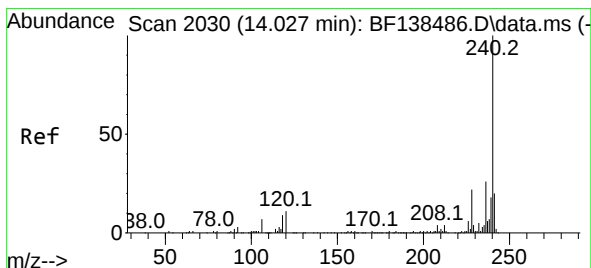
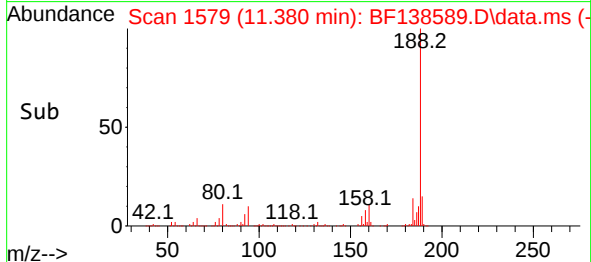
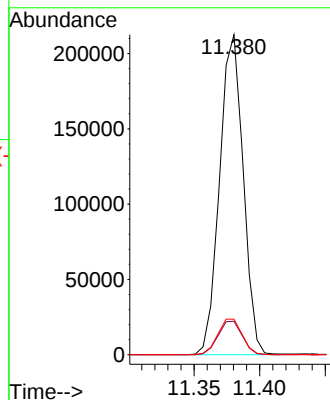
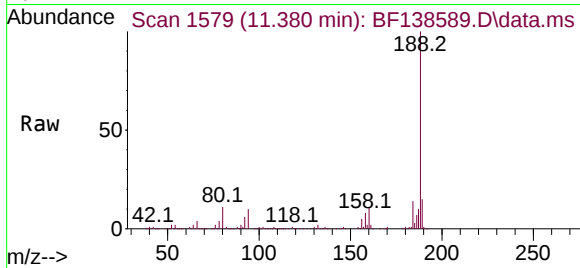




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138589.D
Acq: 19 Jul 2024 14:58

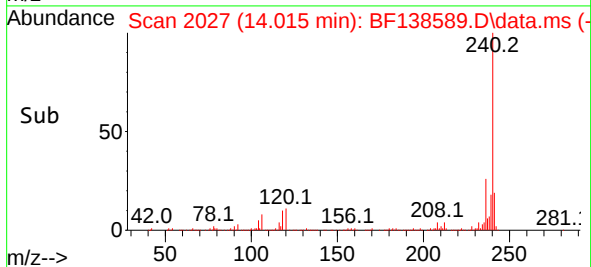
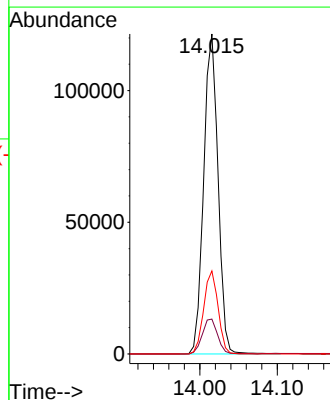
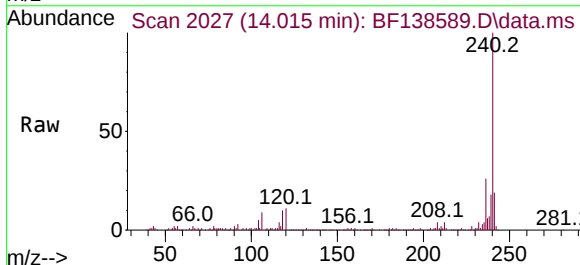
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02

Tgt Ion:188 Resp: 265707
Ion Ratio Lower Upper
188 100
94 10.4 8.7 13.1
80 11.1 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF138589.D
Acq: 19 Jul 2024 14:58

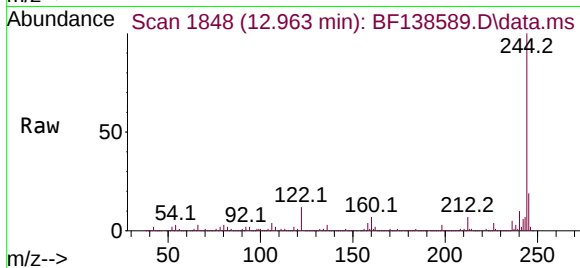
Tgt Ion:240 Resp: 156082
Ion Ratio Lower Upper
240 100
120 10.9 8.6 12.8
236 25.9 21.0 31.6



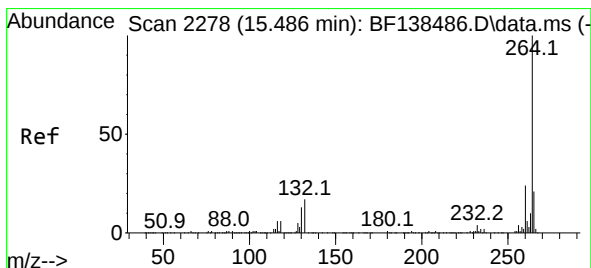
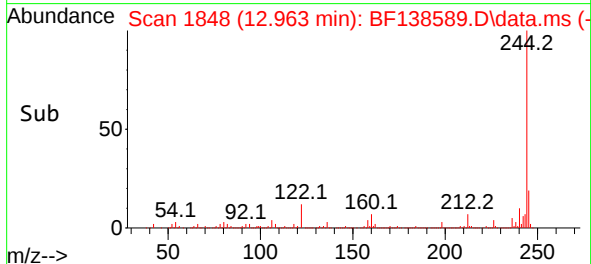
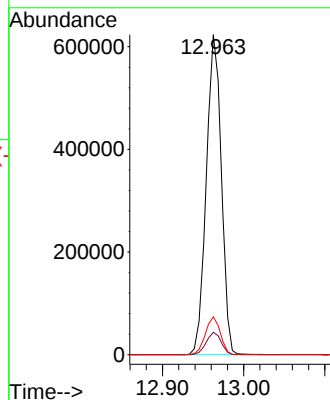


#79
 Terphenyl-d14
 Concen: 83.654 ng
 RT: 12.963 min Scan# 1848
 Delta R.T. -0.012 min
 Lab File: BF138589.D
 Acq: 19 Jul 2024 14:58

Instrument :
 BNA_F
 ClientSampleId :
 WC-CTW2-BL-02



Tgt Ion:244 Resp: 801470
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 11.8 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2276
 Delta R.T. -0.006 min
 Lab File: BF138589.D
 Acq: 19 Jul 2024 14:58

Tgt Ion:264 Resp: 162103
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.6
 265 21.3 17.0 25.4

