

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134177.D
 Acq On : 09 Jul 2023 08:16
 Operator : CG\JU
 Sample : 03510-17
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-WWS-11

Quant Time: Jul 10 01:50:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	162620	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	626108	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	305406	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	648938	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	347655	20.000	ng	-0.02
86) Perylene-d12	15.539	264	305880	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1097195	112.861	ng	0.00
7) Phenol-d6	6.487	99	1284379	107.429	ng	0.00
23) Nitrobenzene-d5	7.410	82	1011493	87.085	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	536130	140.012	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1852556	88.191	ng	0.00
79) Terphenyl-d14	12.980	244	2218772	102.715	ng	0.00

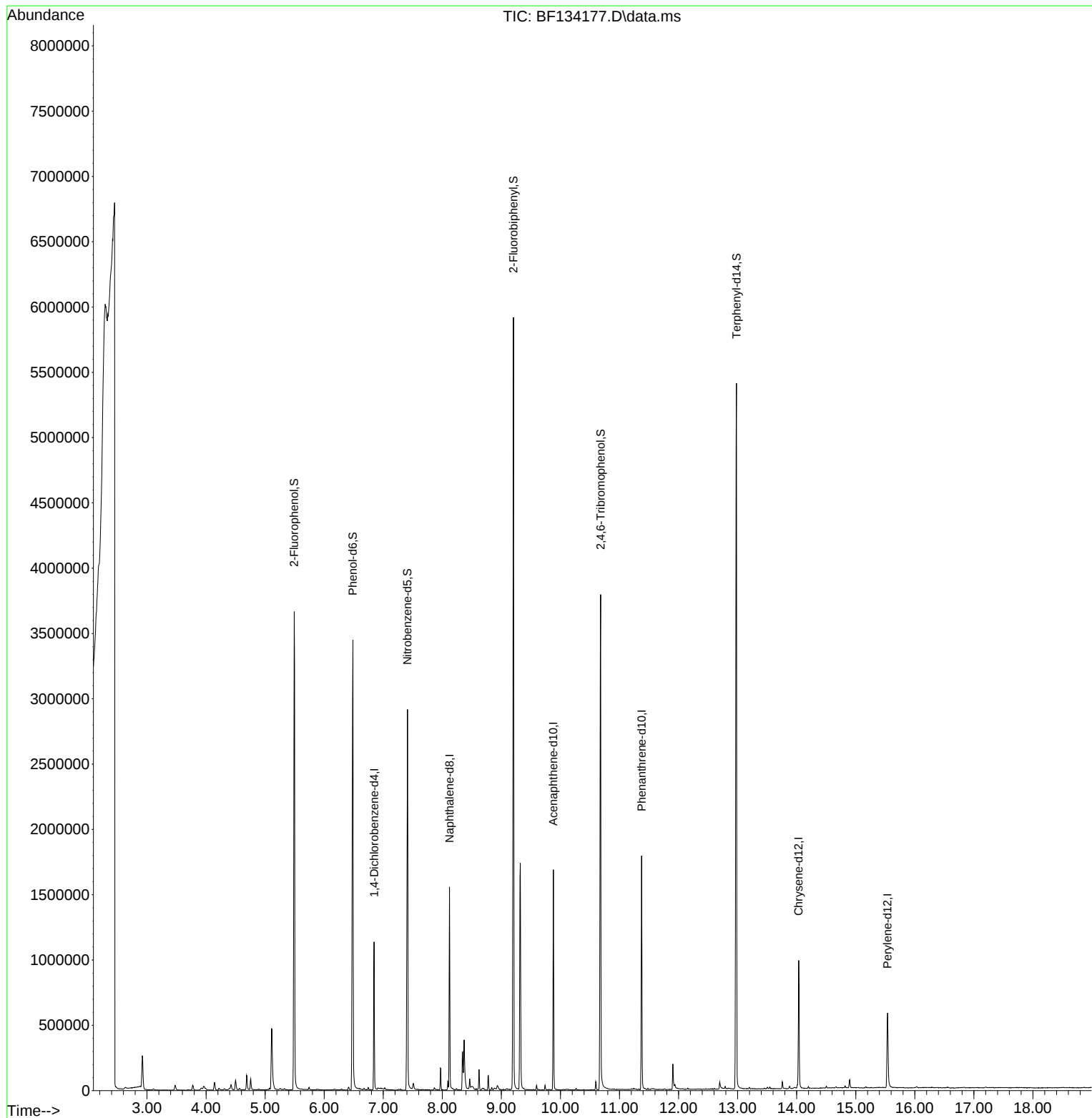
Target Compounds	Qvalue

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

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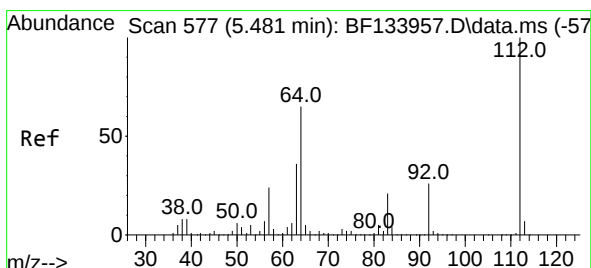
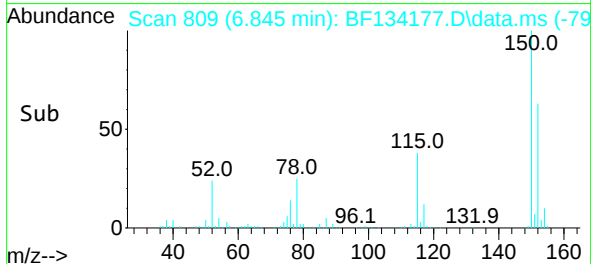
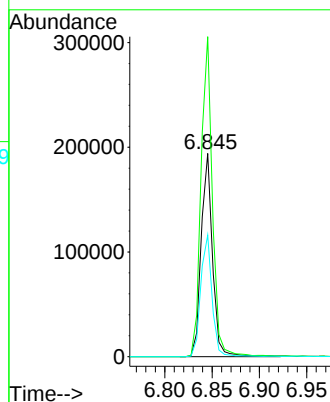
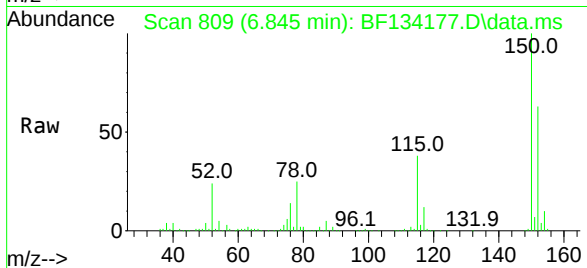




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF134177.D
Acq: 09 Jul 2023 08:16

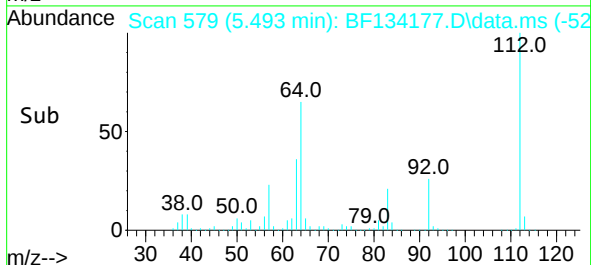
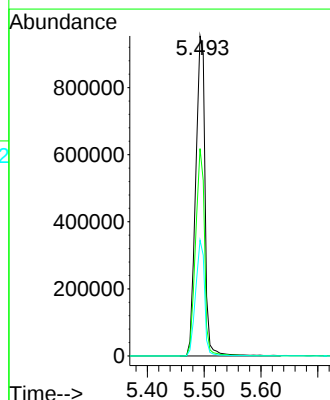
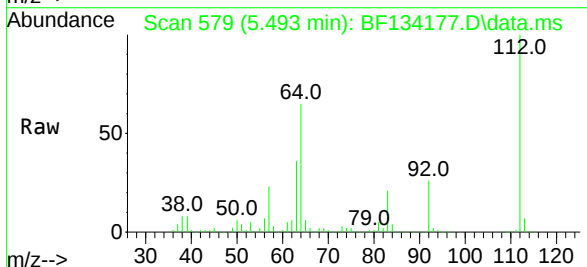
Instrument :
BNA_F
ClientSampleId :
WC-WWS-11

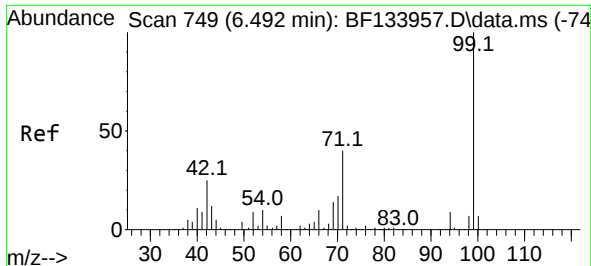
Tgt Ion:152 Resp: 162620
Ion Ratio Lower Upper
152 100
150 157.5 124.5 186.7
115 59.8 50.2 75.2



#5
2-Fluorophenol
Concen: 112.861 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF134177.D
Acq: 09 Jul 2023 08:16

Tgt Ion:112 Resp: 1097195
Ion Ratio Lower Upper
112 100
64 64.8 52.1 78.1
63 36.2 28.6 42.8

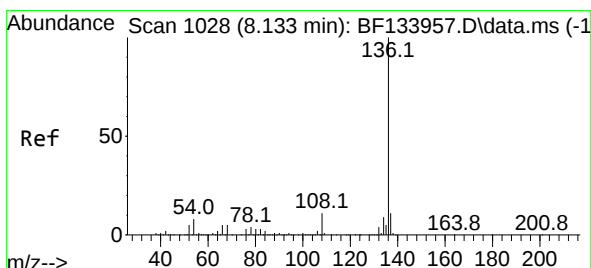
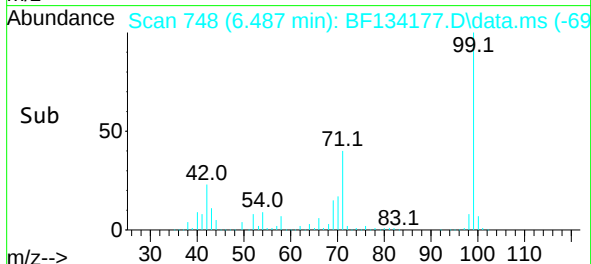
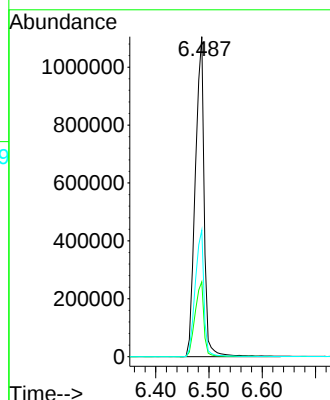
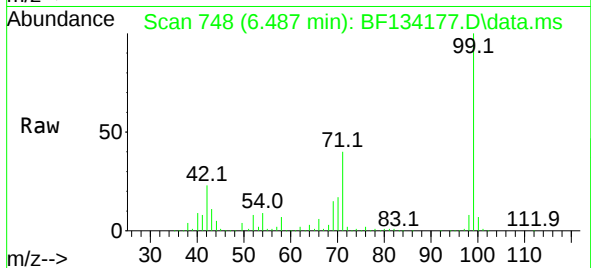




#7
Phenol-d6
Concen: 107.429 ng
RT: 6.487 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF134177.D
Acq: 09 Jul 2023 08:16

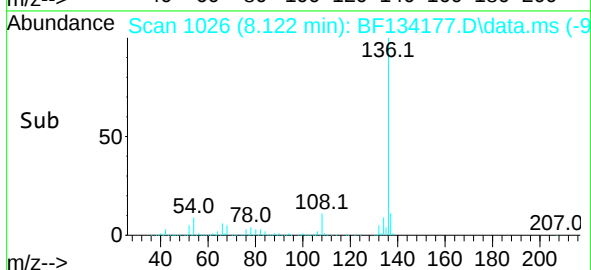
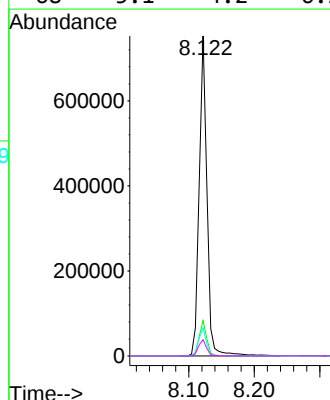
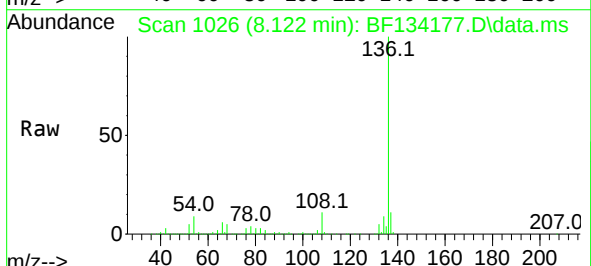
Instrument :
BNA_F
ClientSampleId :
WC-WWS-11

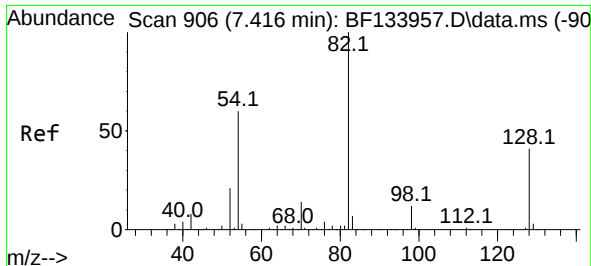
Tgt Ion: 99 Resp: 1284379
Ion Ratio Lower Upper
99 100
42 23.4 19.8 29.6
71 39.5 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134177.D
Acq: 09 Jul 2023 08:16

Tgt Ion:136 Resp: 626108
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 8.7 6.5 9.7
68 5.1 4.2 6.2





#23

Nitrobenzene-d5

Concen: 87.085 ng

RT: 7.410 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF134177.D

Acq: 09 Jul 2023 08:16

Instrument :

BNA_F

ClientSampleId :

WC-WWS-11

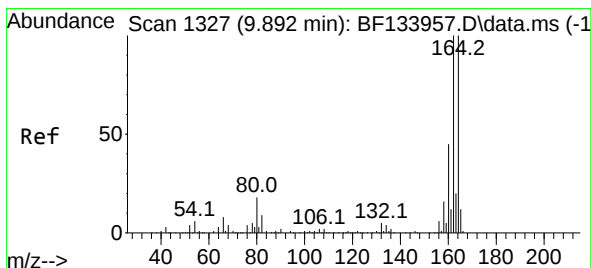
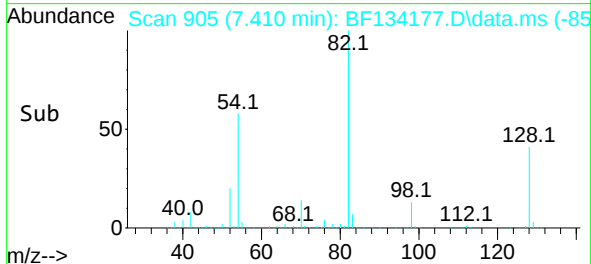
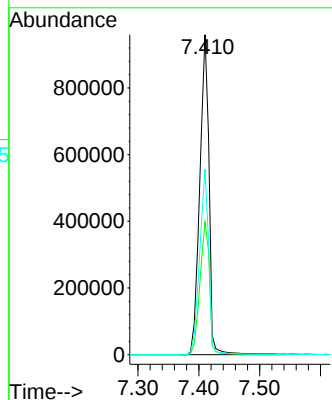
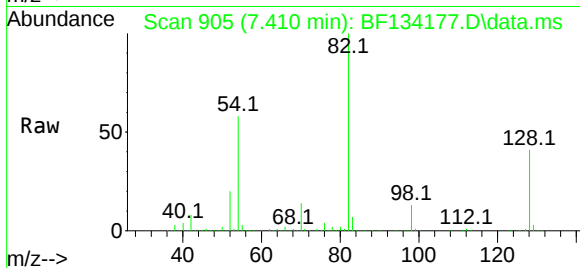
Tgt Ion: 82 Resp: 1011493

Ion Ratio Lower Upper

82 100

128 41.4 32.5 48.7

54 58.0 48.2 72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.012 min

Lab File: BF134177.D

Acq: 09 Jul 2023 08:16

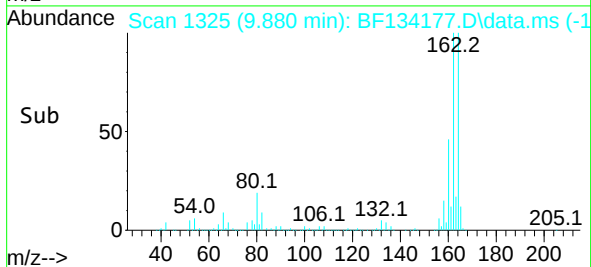
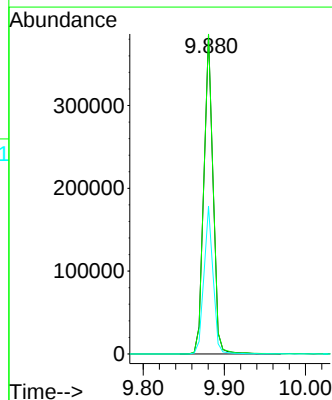
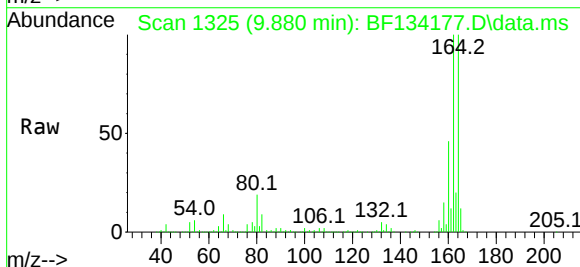
Tgt Ion:164 Resp: 305406

Ion Ratio Lower Upper

164 100

162 100.1 80.0 120.0

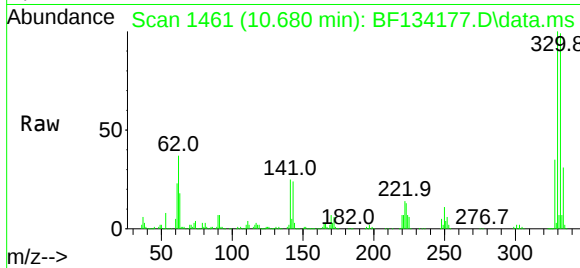
160 46.2 35.9 53.9



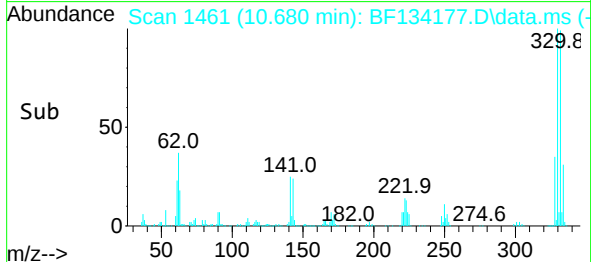
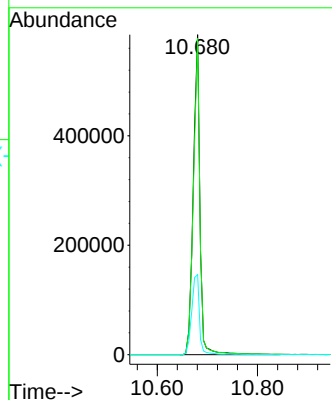


#42
 2,4,6-Tribromophenol
 Concen: 140.012 ng
 RT: 10.680 min Scan# 1461
 Delta R.T. -0.006 min
 Lab File: BF134177.D
 Acq: 09 Jul 2023 08:16

Instrument :
 BNA_F
 ClientSampleId :
 WC-WWS-11

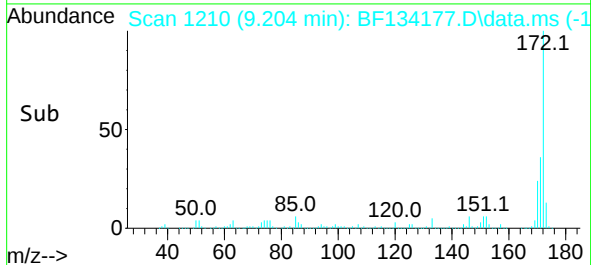
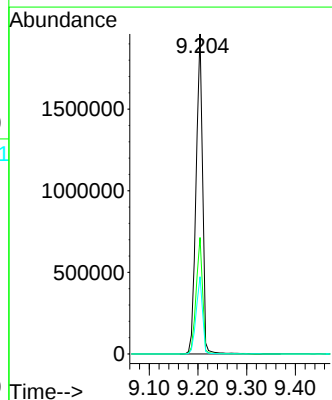
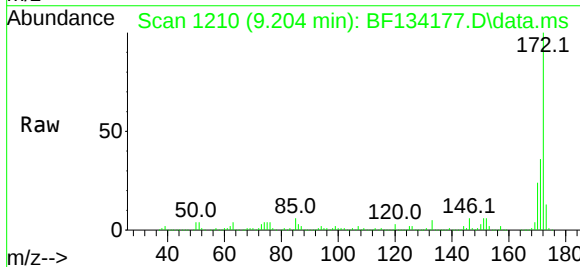


Tgt Ion:330 Resp: 536130
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 29.2 26.3 39.5



#45
 2-Fluorobiphenyl
 Concen: 88.191 ng
 RT: 9.204 min Scan# 1210
 Delta R.T. -0.006 min
 Lab File: BF134177.D
 Acq: 09 Jul 2023 08:16

Tgt Ion:172 Resp: 1852556
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.6 43.0
 170 24.2 19.4 29.0

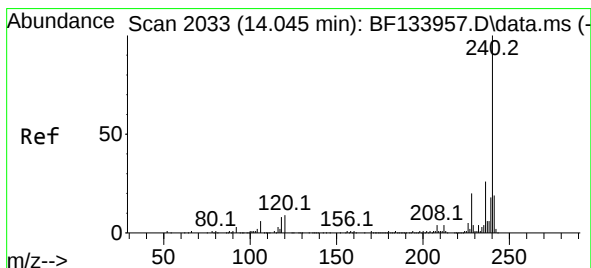
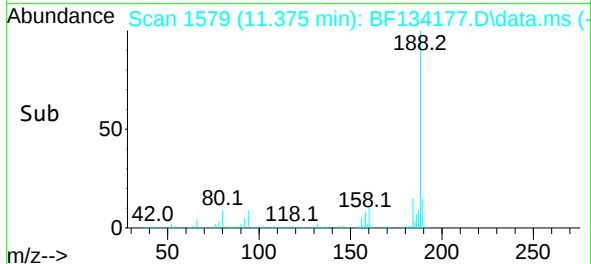
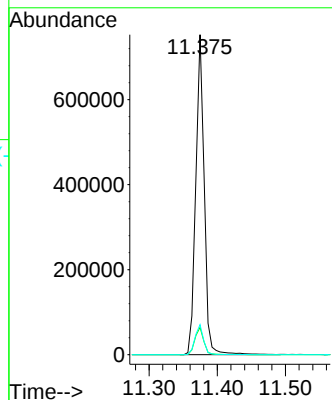
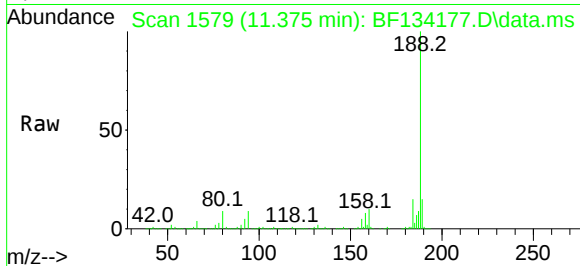




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134177.D
Acq: 09 Jul 2023 08:16

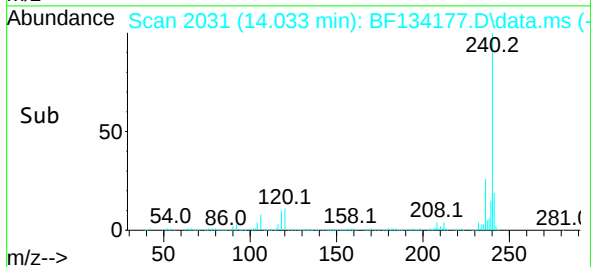
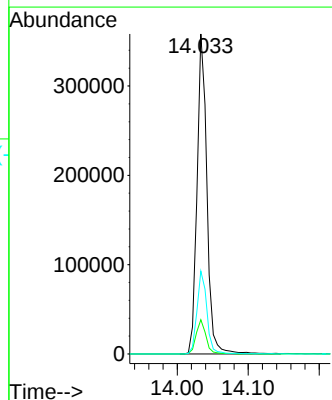
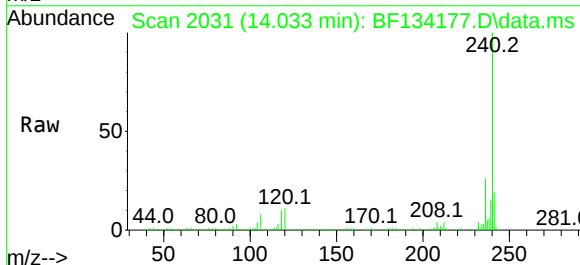
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WC-WWS-11

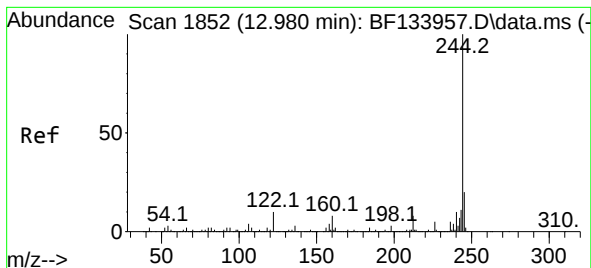
Tgt Ion:188 Resp: 648938
Ion Ratio Lower Upper
188 100
94 8.5 6.4 9.6
80 9.4 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF134177.D
Acq: 09 Jul 2023 08:16

Tgt Ion:240 Resp: 347655
Ion Ratio Lower Upper
240 100
120 10.7 7.4 11.0
236 25.9 21.0 31.6





#79

Terphenyl-d14

Concen: 102.715 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134177.D

Acq: 09 Jul 2023 08:16

Instrument :

BNA_F

ClientSampleId :

WC-WWS-11

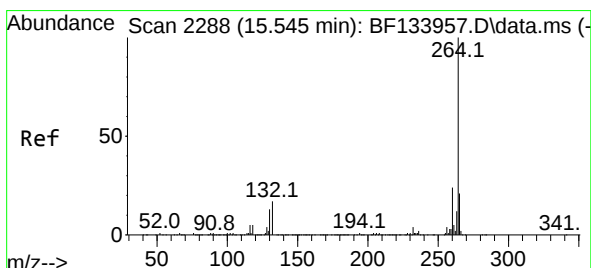
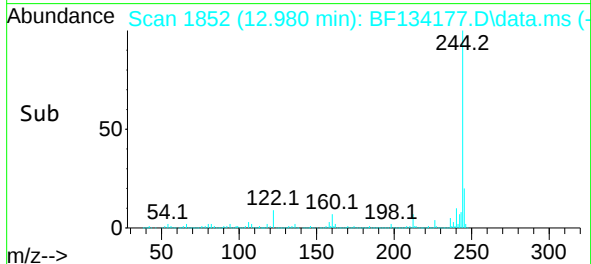
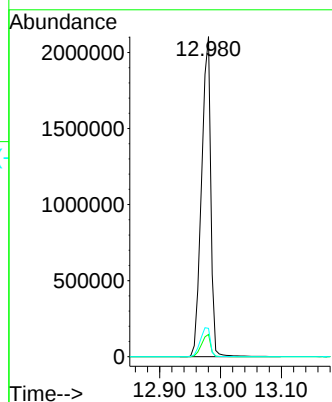
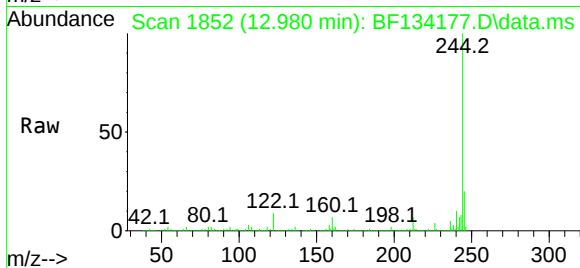
Tgt Ion:244 Resp: 2218772

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 8.8 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2287

Delta R.T. -0.012 min

Lab File: BF134177.D

Acq: 09 Jul 2023 08:16

Tgt Ion:264 Resp: 305880

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 22.0 16.6 25.0

