

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134176.D
 Acq On : 09 Jul 2023 07:44
 Operator : CG\JU
 Sample : 03510-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-WWS-10

Quant Time: Jul 10 01:49:57 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	160903	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	627929	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	304623	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	581529	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	326261	20.000	ng	-0.02
86) Perylene-d12	15.539	264	323531	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	923497	96.008	ng	0.00
7) Phenol-d6	6.481	99	1094504	92.524	ng	-0.01
23) Nitrobenzene-d5	7.410	82	891838	76.561	ng	-0.01
42) 2,4,6-Tribromophenol	10.681	330	444455	116.369	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1649100	78.708	ng	0.00
79) Terphenyl-d14	12.980	244	1967346	97.048	ng	0.00

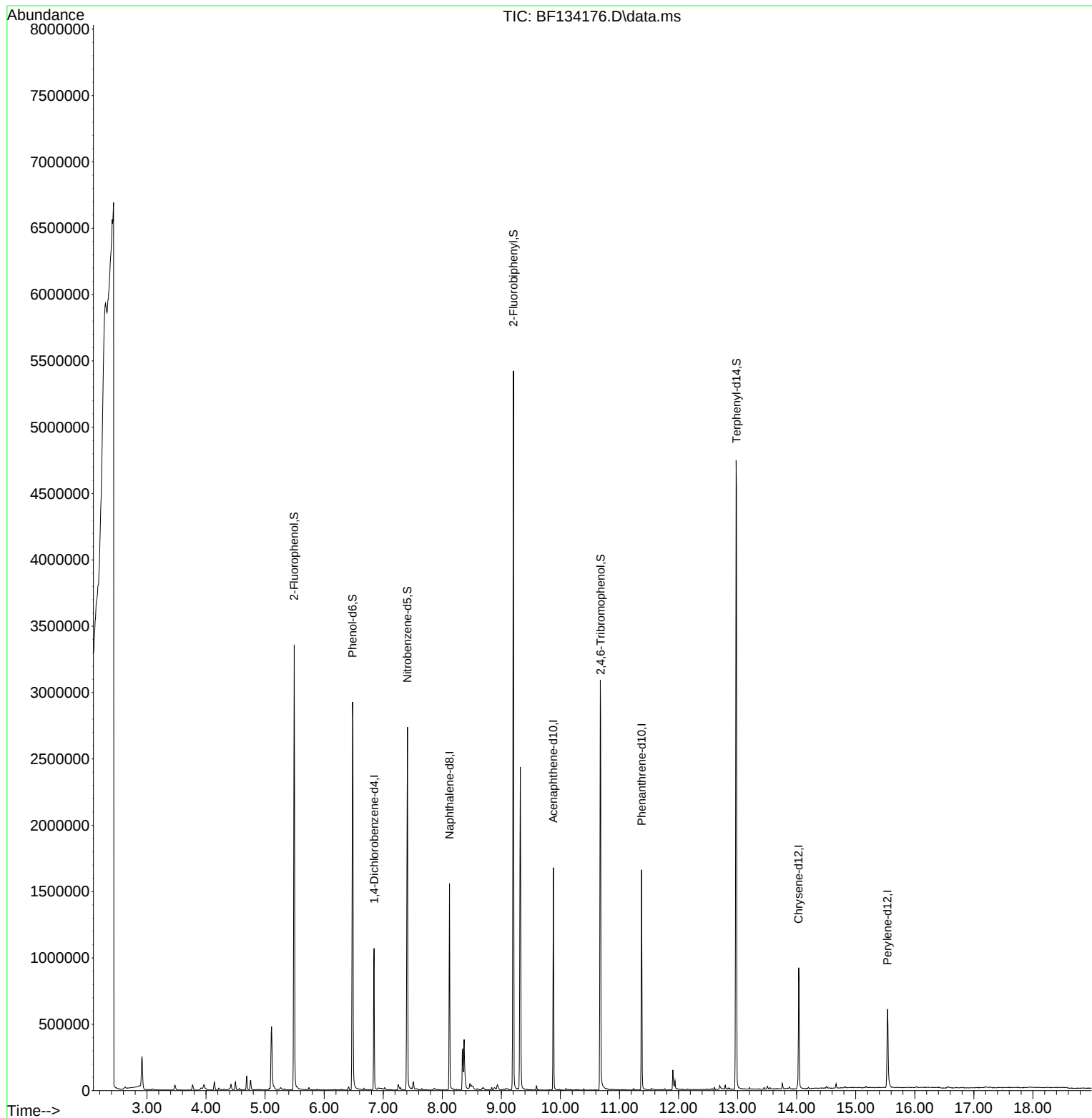
Target Compounds	Qvalue

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

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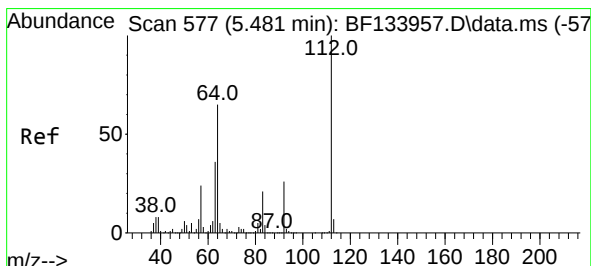
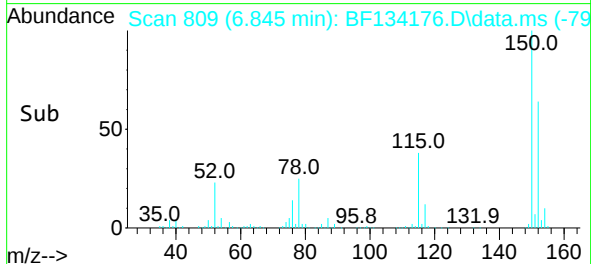
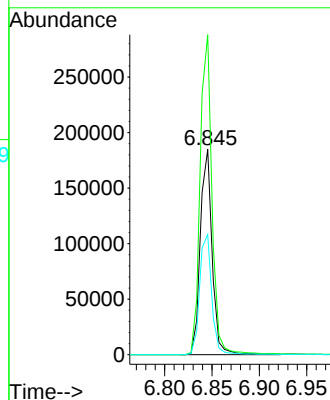
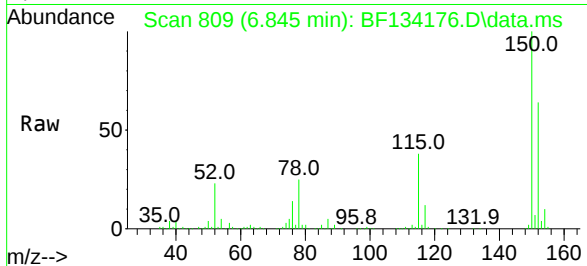




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF134176.D
Acq: 09 Jul 2023 07:44

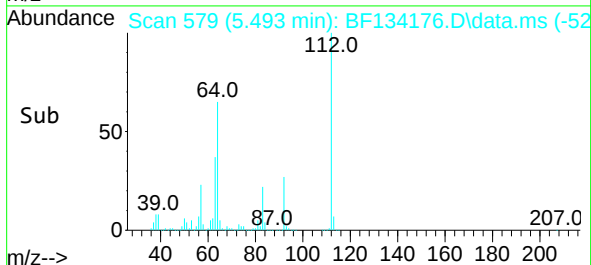
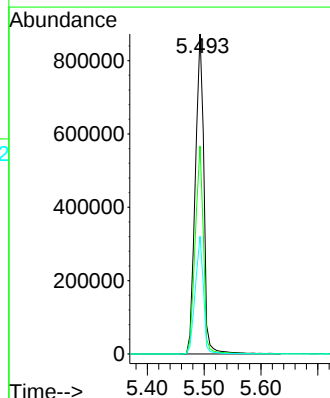
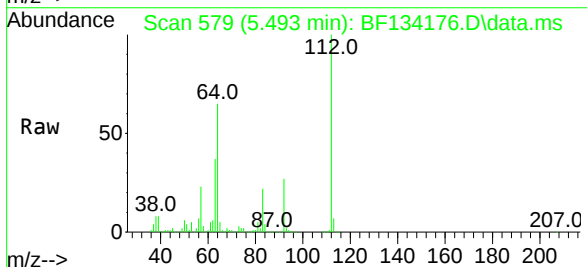
Instrument :
BNA_F
ClientSampleId :
WC-WWS-10

Tgt Ion:152 Resp: 160903
Ion Ratio Lower Upper
152 100
150 155.9 124.5 186.7
115 58.6 50.2 75.2



#5
2-Fluorophenol
Concen: 96.008 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF134176.D
Acq: 09 Jul 2023 07:44

Tgt Ion:112 Resp: 923497
Ion Ratio Lower Upper
112 100
64 65.0 52.1 78.1
63 36.8 28.6 42.8





#7

Phenol-d6

Concen: 92.524 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.012 min

Lab File: BF134176.D

Acq: 09 Jul 2023 07:44

Instrument :

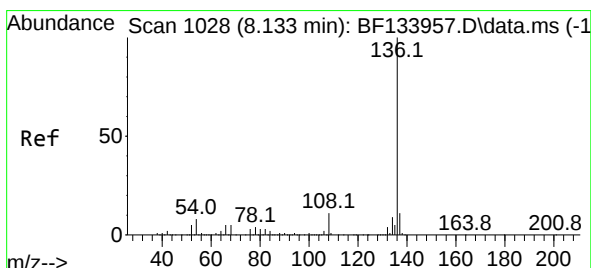
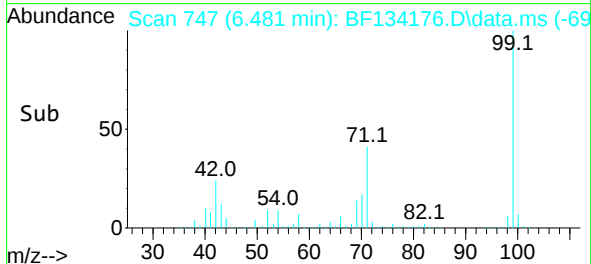
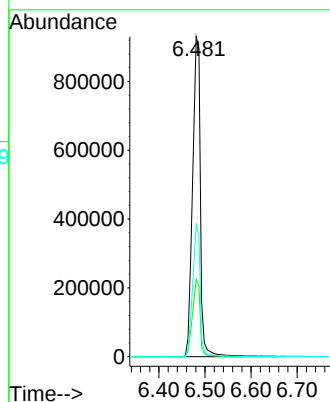
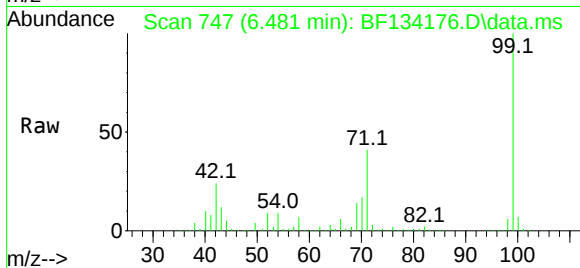
BNA_F

ClientSampleId :

WC-WWS-10

Tgt Ion: 99 Resp: 1094504

Ion	Ratio	Lower	Upper
99	100		
42	24.1	19.8	29.6
71	41.3	31.9	47.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.122 min Scan# 1026

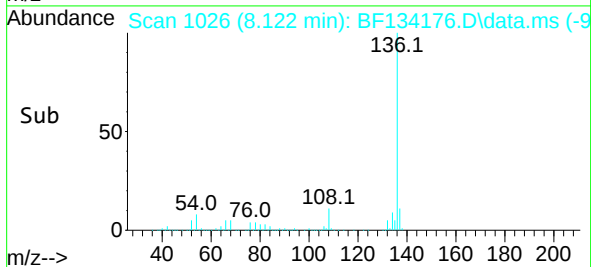
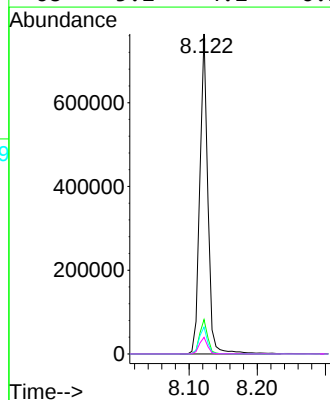
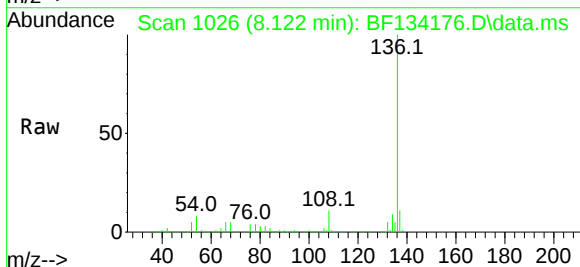
Delta R.T. -0.012 min

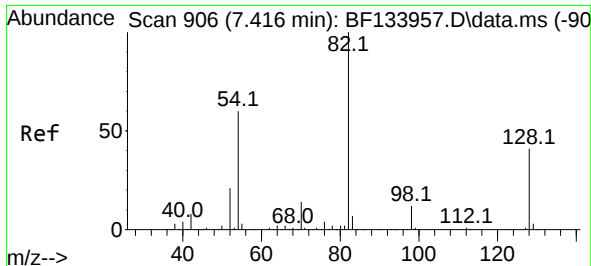
Lab File: BF134176.D

Acq: 09 Jul 2023 07:44

Tgt Ion: 136 Resp: 627929

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	8.4	6.5	9.7
68	5.2	4.2	6.2

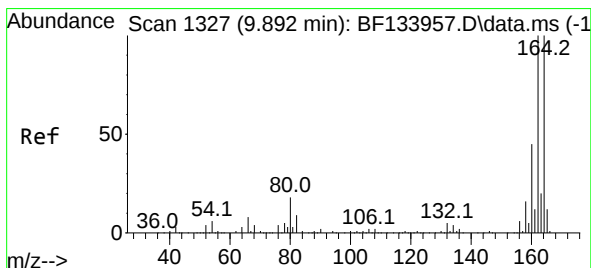
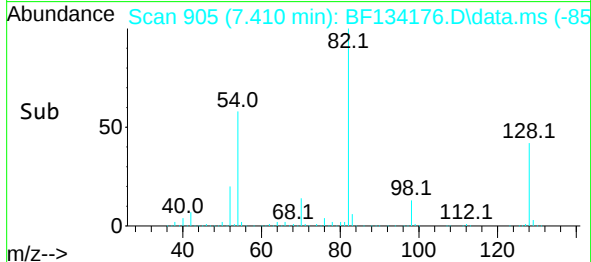
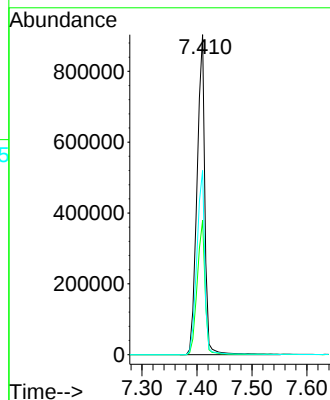
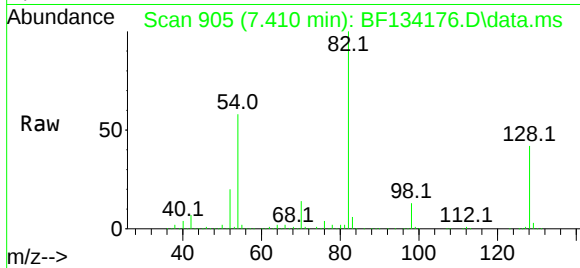




#23
 Nitrobenzene-d5
 Concen: 76.561 ng
 RT: 7.410 min Scan# 906
 Delta R.T. -0.012 min
 Lab File: BF134176.D
 Acq: 09 Jul 2023 07:44

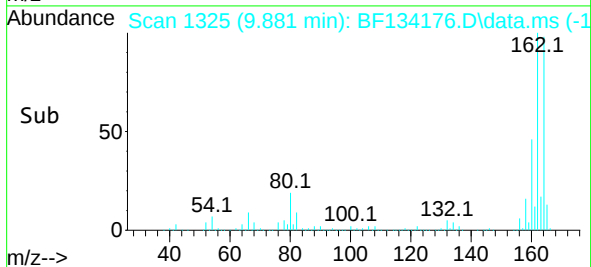
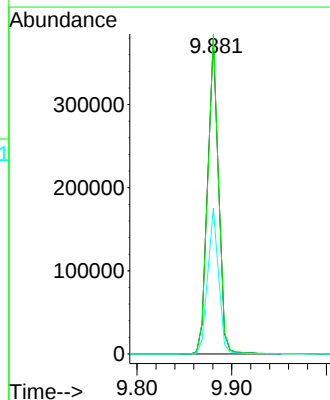
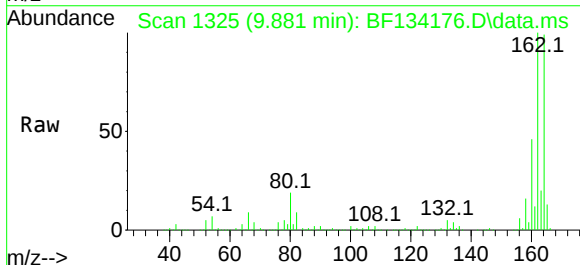
Instrument :
 BNA_F
 ClientSampleId :
 WC-WWS-10

Tgt Ion: 82 Resp: 891838
 Ion Ratio Lower Upper
 82 100
 128 41.9 32.5 48.7
 54 57.6 48.2 72.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.881 min Scan# 1325
 Delta R.T. -0.012 min
 Lab File: BF134176.D
 Acq: 09 Jul 2023 07:44

Tgt Ion:164 Resp: 304623
 Ion Ratio Lower Upper
 164 100
 162 101.3 80.0 120.0
 160 46.1 35.9 53.9

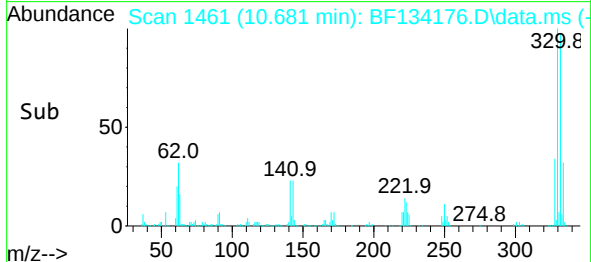
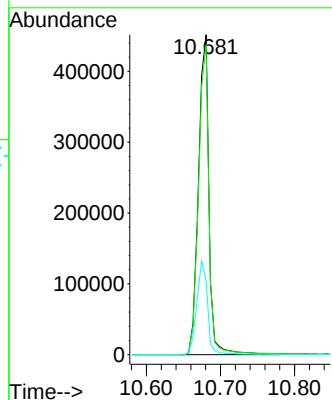
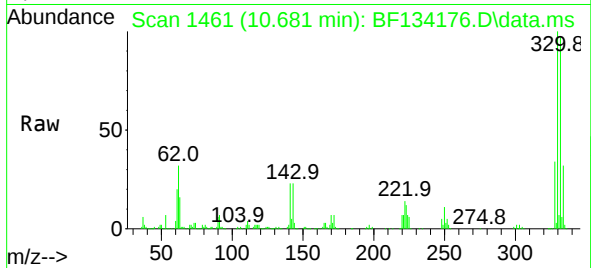




#42
2,4,6-Tribromophenol
Concen: 116.369 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF134176.D
Acq: 09 Jul 2023 07:44

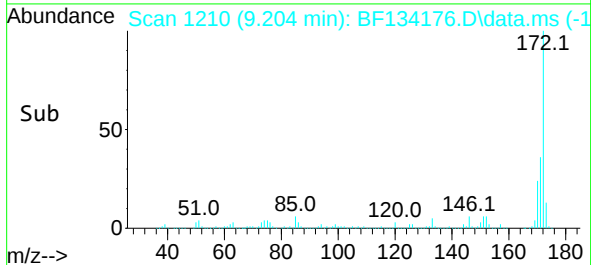
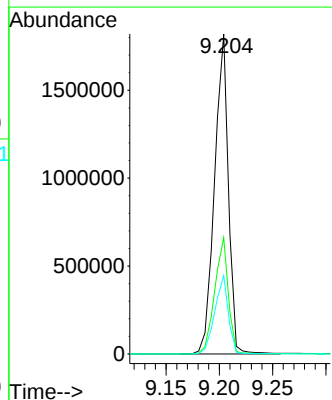
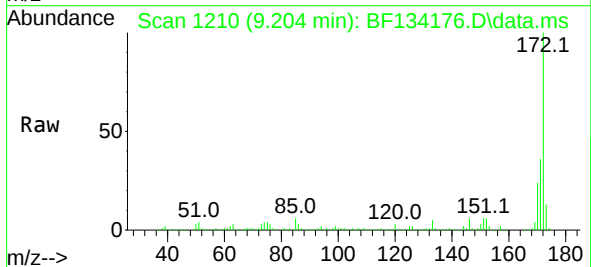
Instrument :
BNA_F
ClientSampleId :
WC-WWS-10

Tgt Ion:330 Resp: 444455
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 30.3 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 78.708 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134176.D
Acq: 09 Jul 2023 07:44

Tgt Ion:172 Resp: 1649100
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 24.4 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134176.D

Acq: 09 Jul 2023 07:44

Instrument :

BNA_F

ClientSampleId :

WC-WWS-10

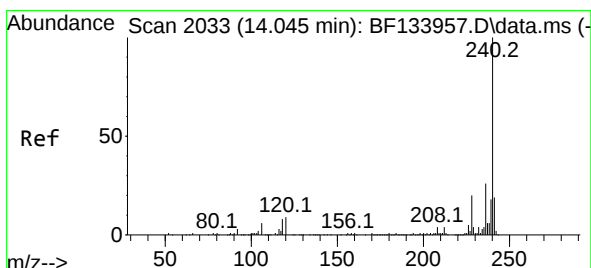
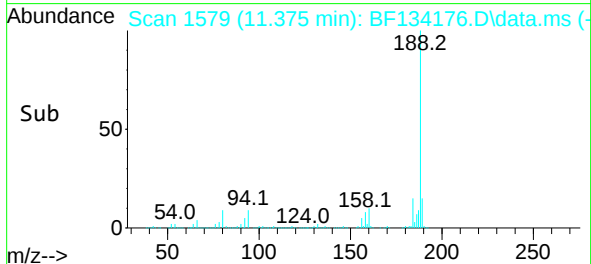
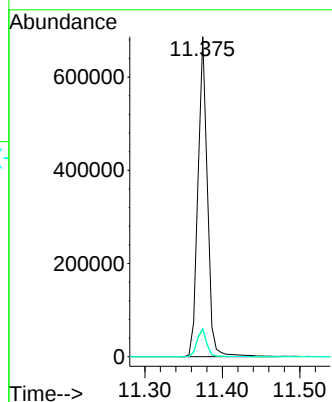
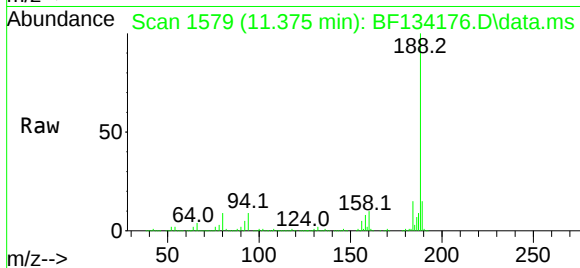
Tgt Ion:188 Resp: 581529

Ion Ratio Lower Upper

188 100

94 8.6 6.4 9.6

80 8.9 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: BF134176.D

Acq: 09 Jul 2023 07:44

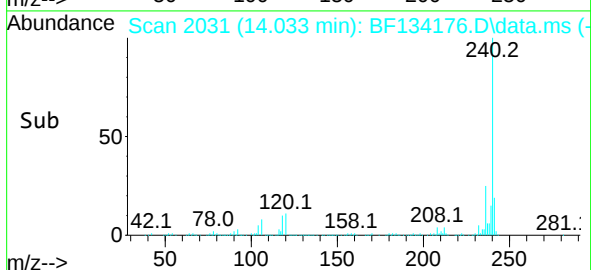
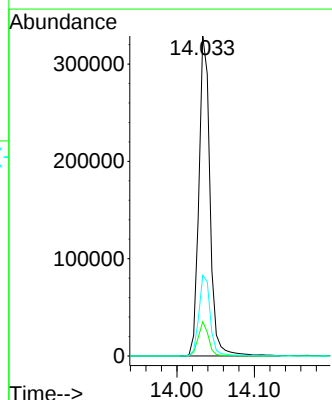
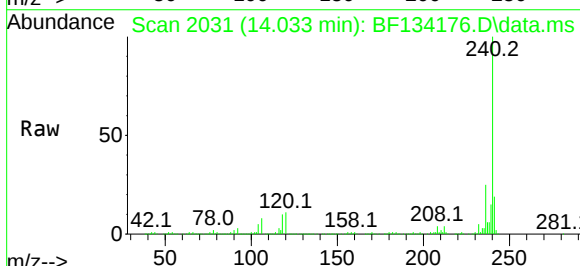
Tgt Ion:240 Resp: 326261

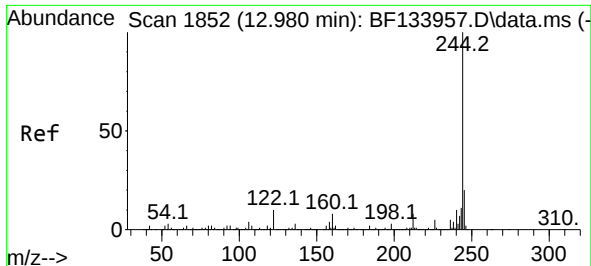
Ion Ratio Lower Upper

240 100

120 10.7 7.4 11.0

236 25.2 21.0 31.6

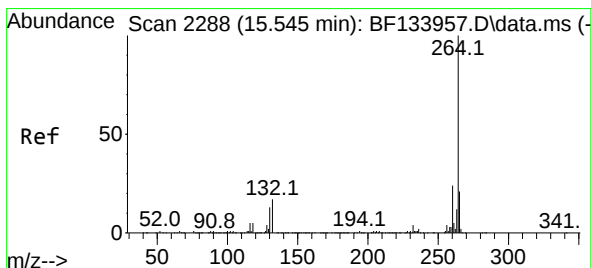
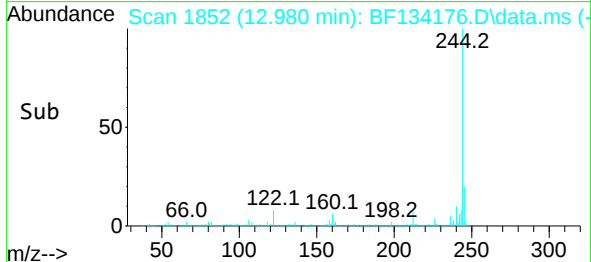
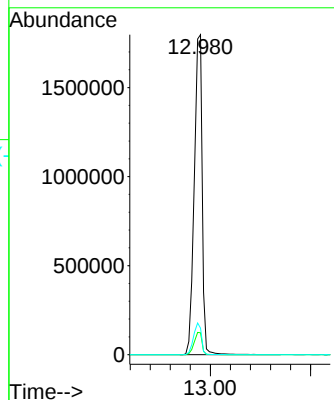
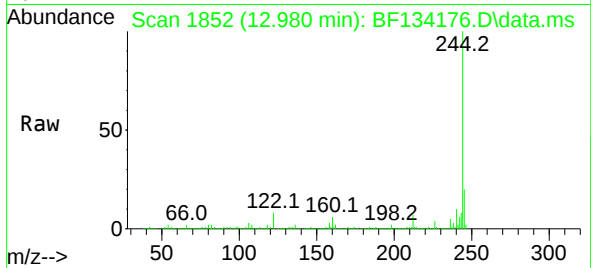




#79
 Terphenyl-d14
 Concen: 97.048 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF134176.D
 Acq: 09 Jul 2023 07:44

Instrument :
 BNA_F
 ClientSampleId :
 WC-WWS-10

Tgt Ion:244 Resp: 1967346
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 8.3 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: BF134176.D
 Acq: 09 Jul 2023 07:44

Tgt Ion:264 Resp: 323531
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.0 16.6 25.0

