

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
 Data File : BF134225.D
 Acq On : 11 Jul 2023 21:55
 Operator : CG\JU
 Sample : 03509-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-WWS-03

Quant Time: Jul 12 01:57:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	111983	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	438311	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	228148	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	451081	20.000	ng	0.00
76) Chrysene-d12	14.033	240	242511	20.000	ng	0.00
86) Perylene-d12	15.539	264	219004	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	476627	71.197	ng	0.00
7) Phenol-d6	6.475	99	579170	70.348	ng	-0.01
23) Nitrobenzene-d5	7.404	82	383160	47.123	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	187354	65.496	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	602867	38.418	ng	0.00
79) Terphenyl-d14	12.969	244	634142	42.085	ng	0.00

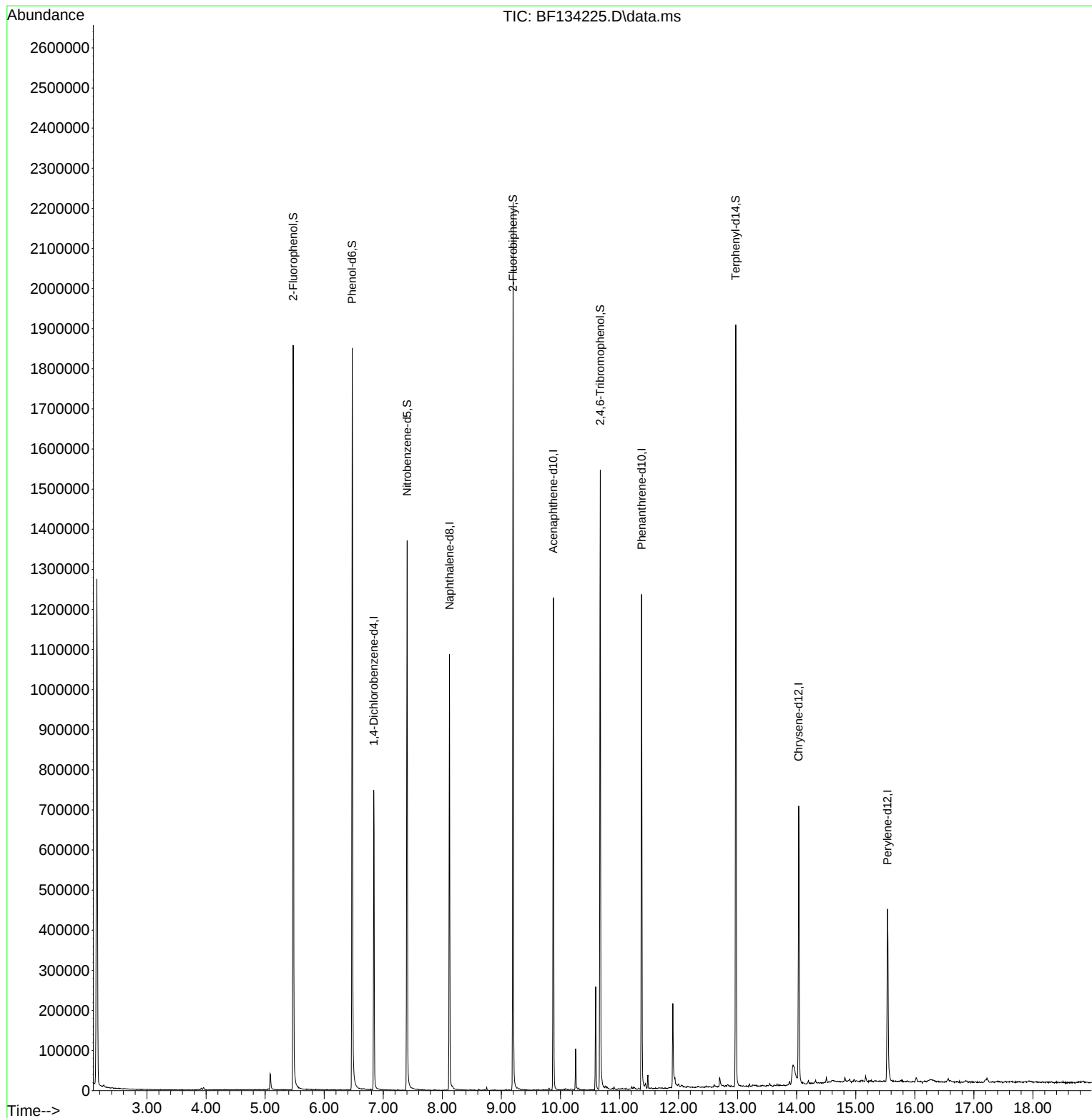
Target Compounds	Qvalue

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

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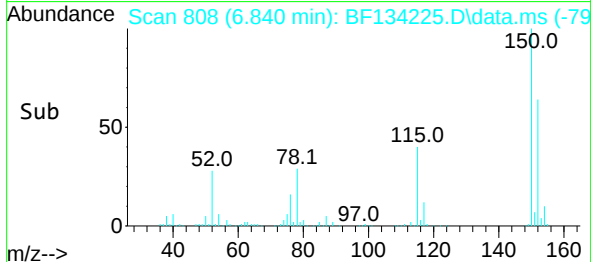
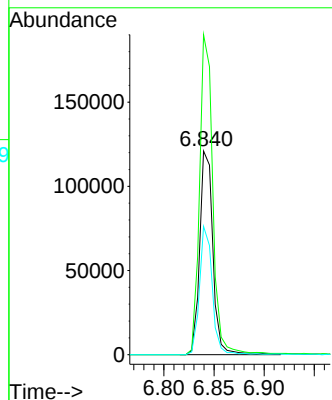
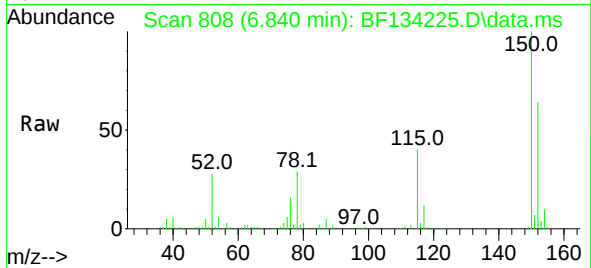




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134225.D
Acq: 11 Jul 2023 21:55

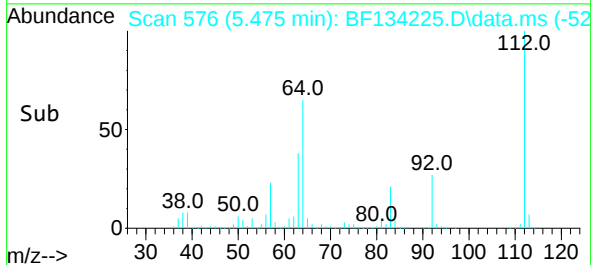
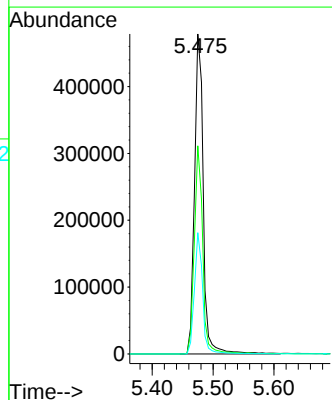
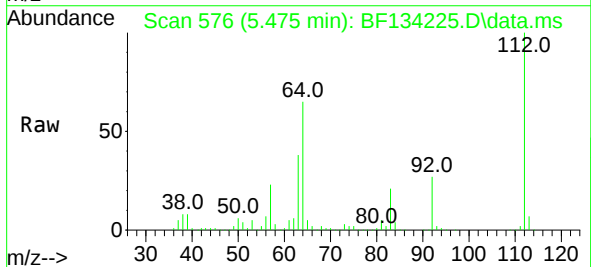
Instrument :
BNA_F
ClientSampleId :
WC-WWS-03

Tgt Ion:152 Resp: 111983
Ion Ratio Lower Upper
152 100
150 157.0 124.5 186.7
115 63.0 50.2 75.2



#5
2-Fluorophenol
Concen: 71.197 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF134225.D
Acq: 11 Jul 2023 21:55

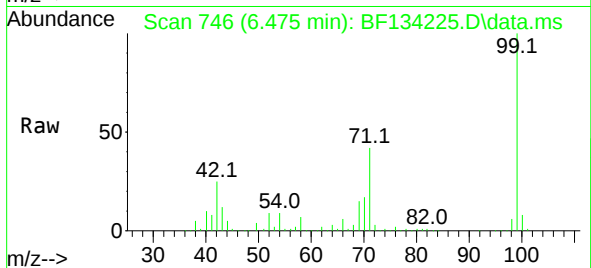
Tgt Ion:112 Resp: 476627
Ion Ratio Lower Upper
112 100
64 65.1 52.1 78.1
63 37.9 28.6 42.8



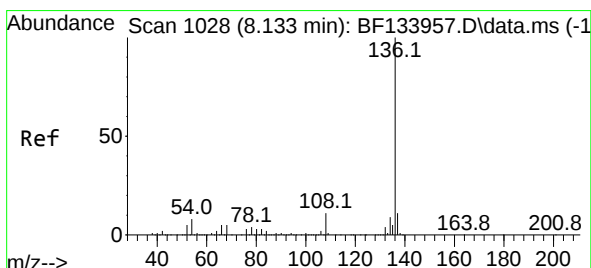
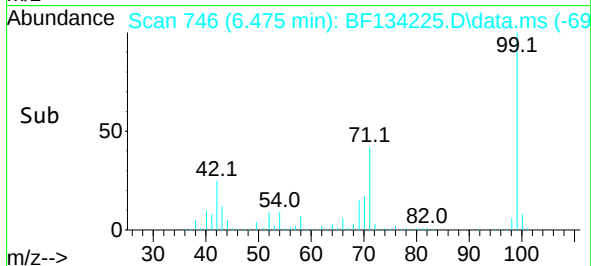
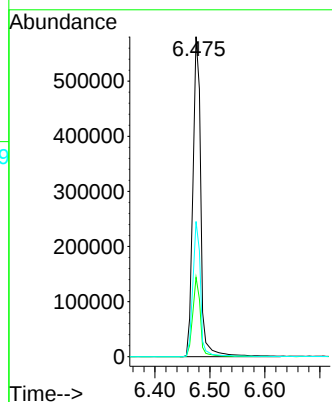


#7
Phenol-d6
Concen: 70.348 ng
RT: 6.475 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF134225.D
Acq: 11 Jul 2023 21:55

Instrument :
BNA_F
ClientSampleId :
WC-WWS-03

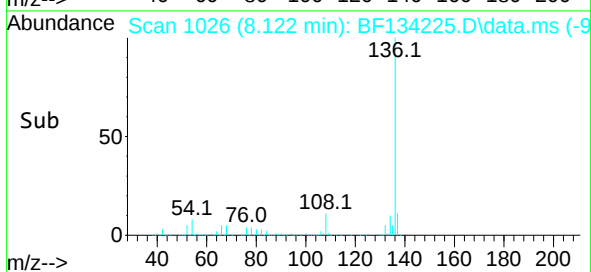
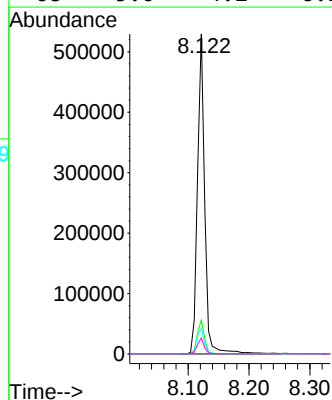
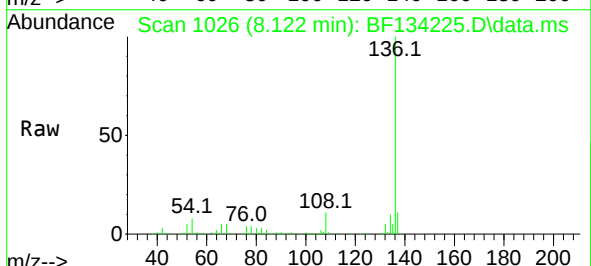


Tgt Ion:	99	Resp:	579170
Ion	Ratio	Lower	Upper
99	100		
42	24.8	19.8	29.6
71	42.3	31.9	47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134225.D
Acq: 11 Jul 2023 21:55

Tgt Ion:	136	Resp:	438311
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	7.9	6.5	9.7
68	5.0	4.2	6.2





#23

Nitrobenzene-d5

Concen: 47.123 ng

RT: 7.404 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF134225.D

Acq: 11 Jul 2023 21:55

Instrument :

BNA_F

ClientSampleId :

WC-WWS-03

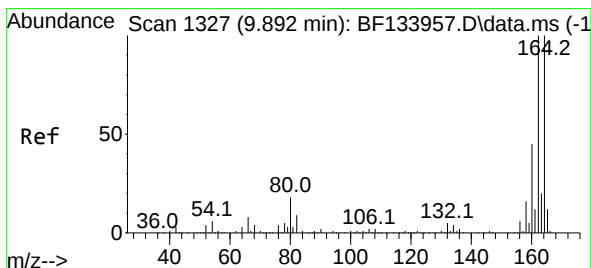
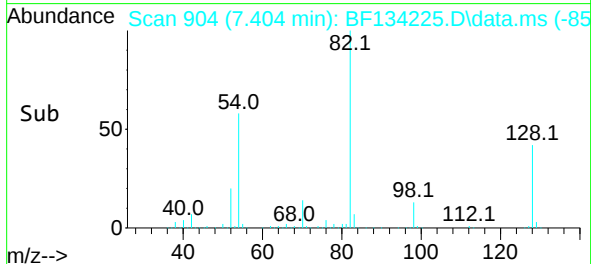
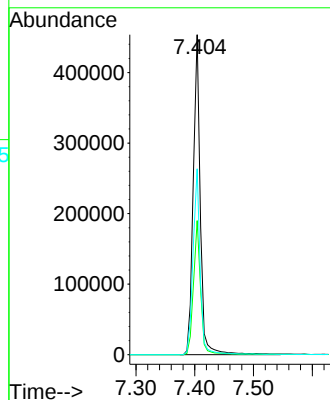
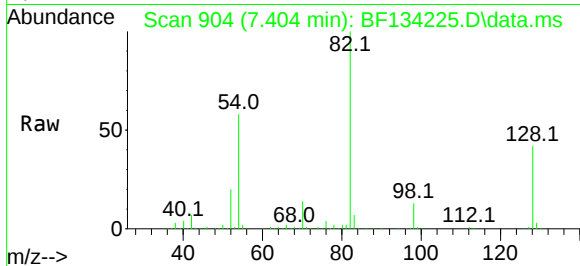
Tgt Ion: 82 Resp: 383160

Ion Ratio Lower Upper

82 100

128 41.9 32.5 48.7

54 58.1 48.2 72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.006 min

Lab File: BF134225.D

Acq: 11 Jul 2023 21:55

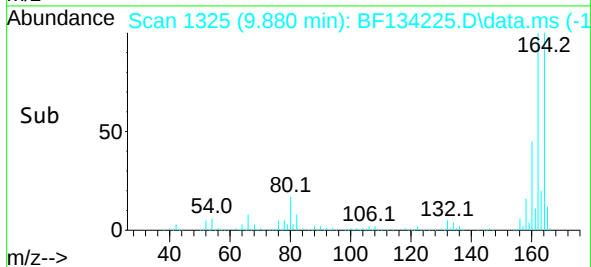
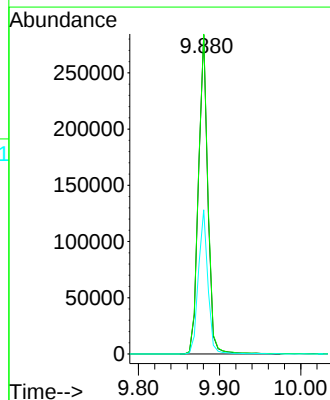
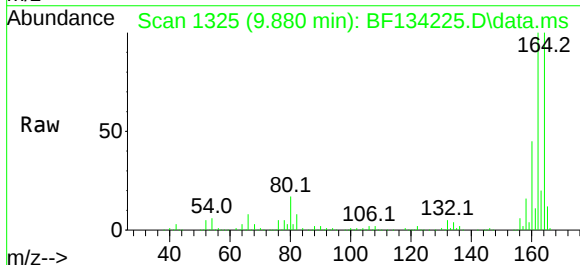
Tgt Ion:164 Resp: 228148

Ion Ratio Lower Upper

164 100

162 100.2 80.0 120.0

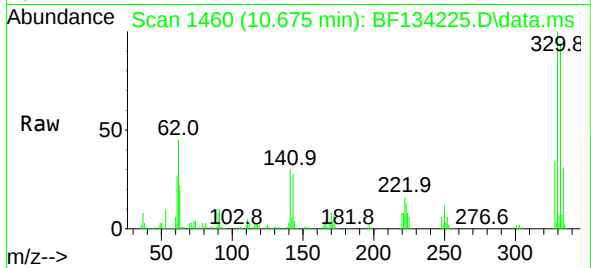
160 45.2 35.9 53.9



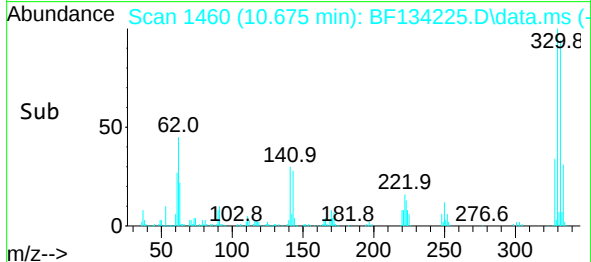
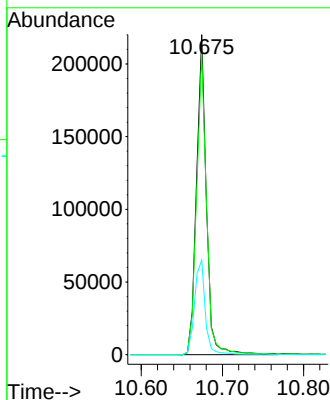


#42
2,4,6-Tribromophenol
Concen: 65.496 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134225.D
Acq: 11 Jul 2023 21:55

Instrument :
BNA_F
ClientSampleId :
WC-WWS-03

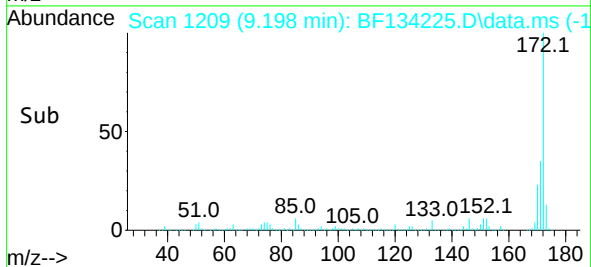
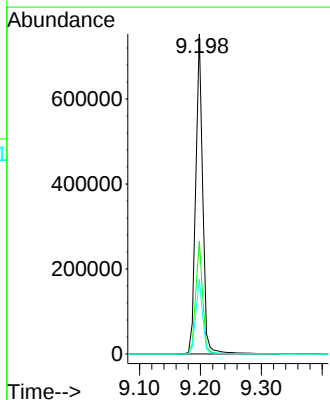
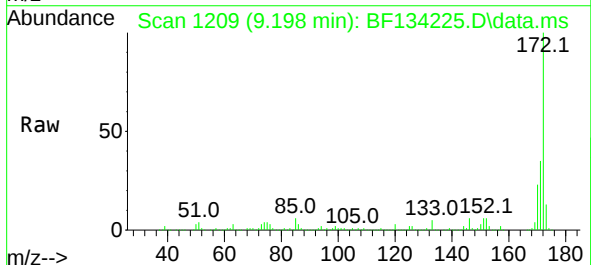


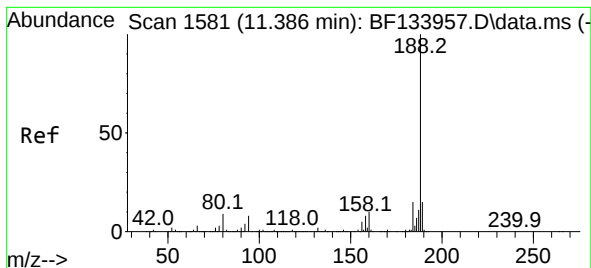
Tgt Ion: 330 Resp: 187354
Ion Ratio Lower Upper
330 100
332 95.1 77.0 115.6
141 32.1 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 38.418 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134225.D
Acq: 11 Jul 2023 21:55

Tgt Ion: 172 Resp: 602867
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.3 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134225.D

Acq: 11 Jul 2023 21:55

Instrument :

BNA_F

ClientSampleId :

WC-WWS-03

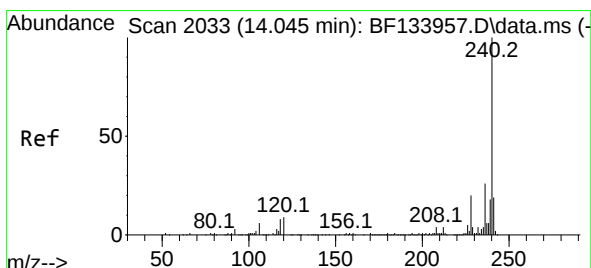
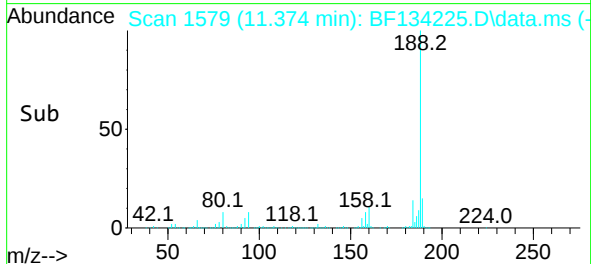
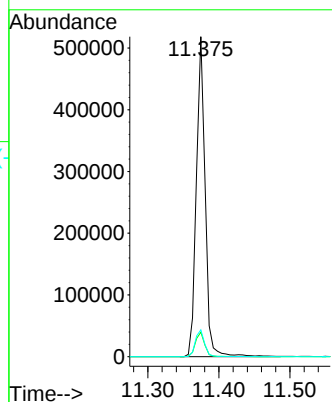
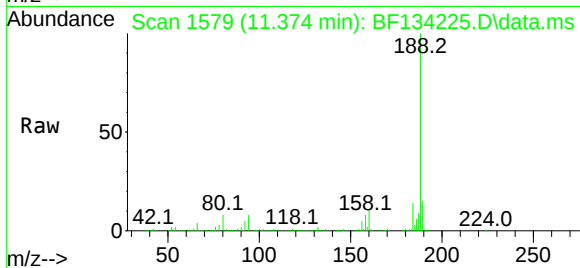
Tgt Ion:188 Resp: 451081

Ion Ratio Lower Upper

188 100

94 7.7 6.4 9.6

80 8.4 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF134225.D

Acq: 11 Jul 2023 21:55

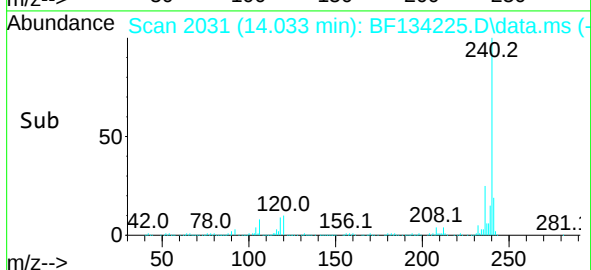
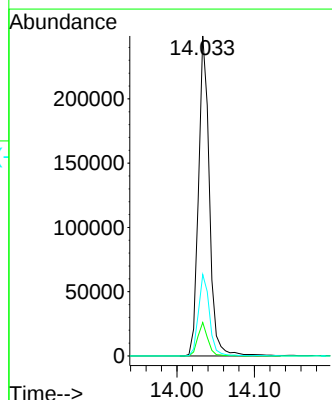
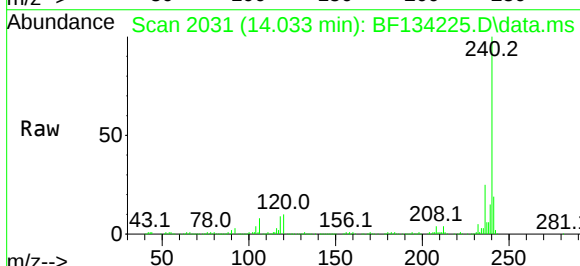
Tgt Ion:240 Resp: 242511

Ion Ratio Lower Upper

240 100

120 10.4 7.4 11.0

236 25.4 21.0 31.6

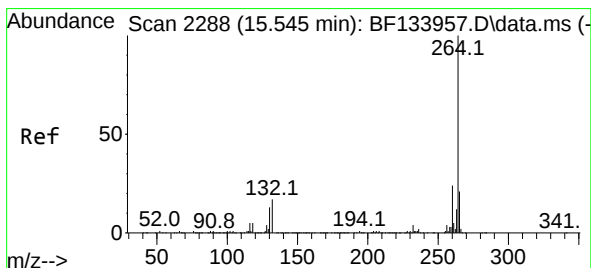
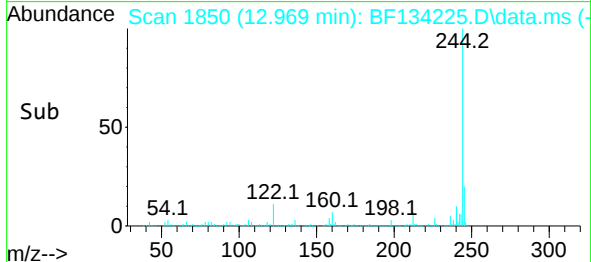
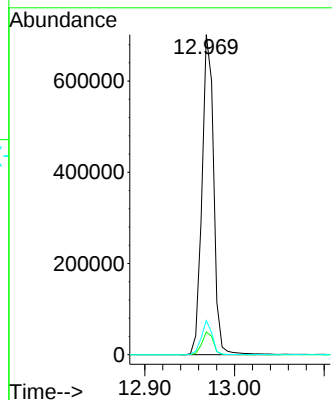
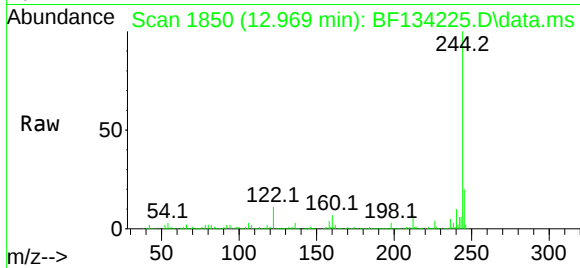




#79
 Terphenyl-d14
 Concen: 42.085 ng
 RT: 12.969 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF134225.D
 Acq: 11 Jul 2023 21:55

Instrument :
 BNA_F
 ClientSampleId :
 WC-WWS-03

Tgt Ion:244 Resp: 634142
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 10.7 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.006 min
 Lab File: BF134225.D
 Acq: 11 Jul 2023 21:55

Tgt Ion:264 Resp: 219004
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.5 29.3
 265 20.1 16.6 25.0

