

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
 Data File : BF134221.D
 Acq On : 11 Jul 2023 19:42
 Operator : CG\JU
 Sample : 03510-16RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-WWS-11RE

Quant Time: Jul 12 01:55:38 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	6.845	152	136746	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	528379	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	277183	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	555339	20.000	ng	0.00
76) Chrysene-d12	14.033	240	313018	20.000	ng	0.00
86) Perylene-d12	15.539	264	282303	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	443586	54.262	ng	0.00
7) Phenol-d6	6.480	99	553800	55.086	ng	0.00
23) Nitrobenzene-d5	7.404	82	314439	32.079	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	198295	57.058	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	407707	21.385	ng	0.00
79) Terphenyl-d14	12.968	244	386528	19.874	ng	0.00

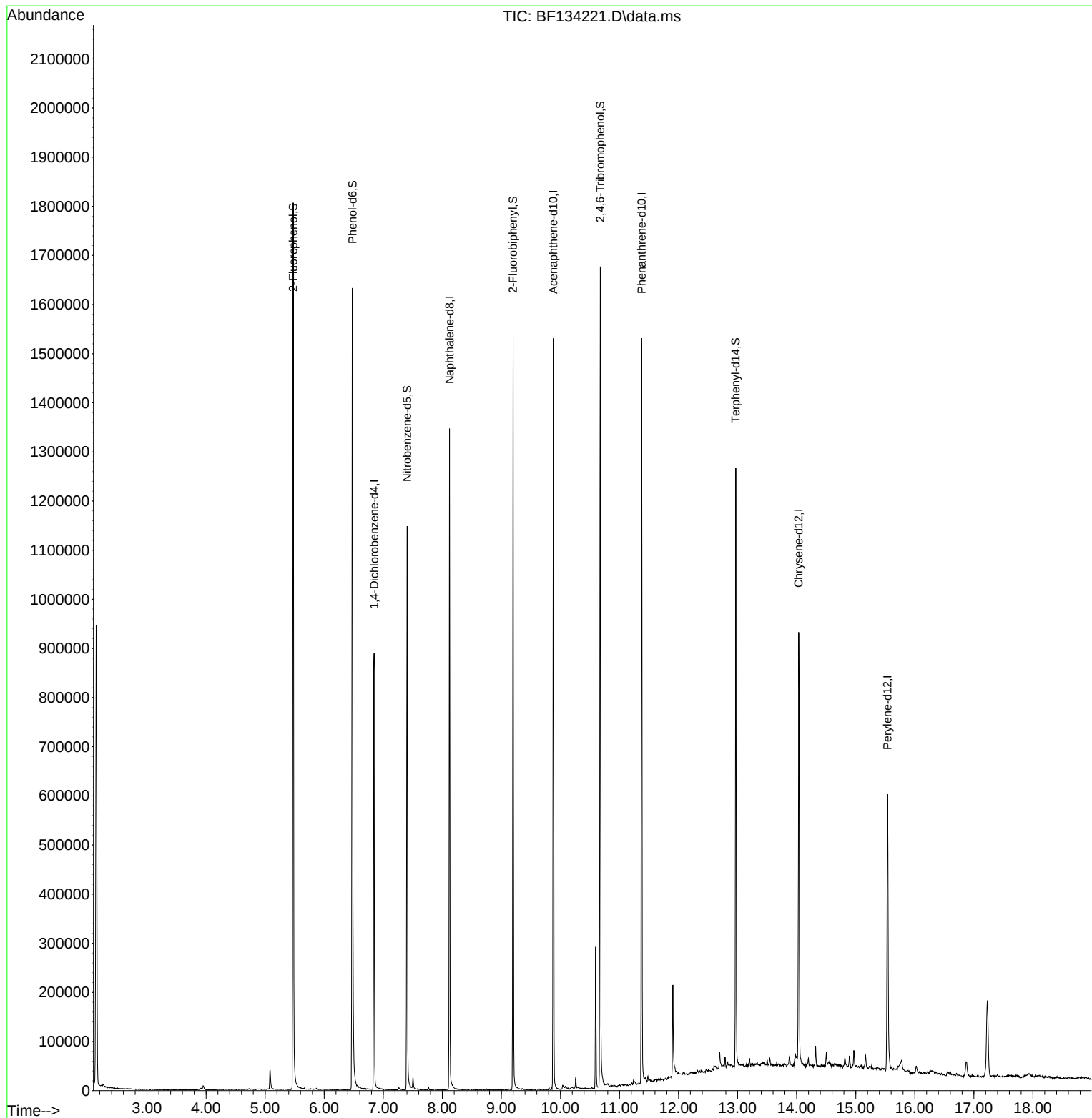
Target Compounds	Qvalue

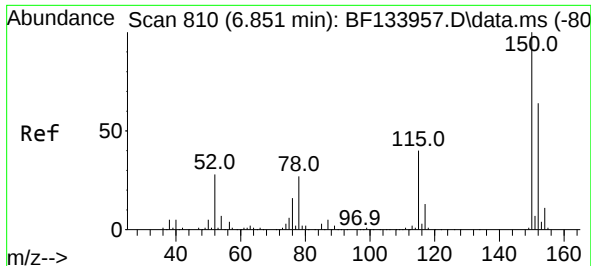
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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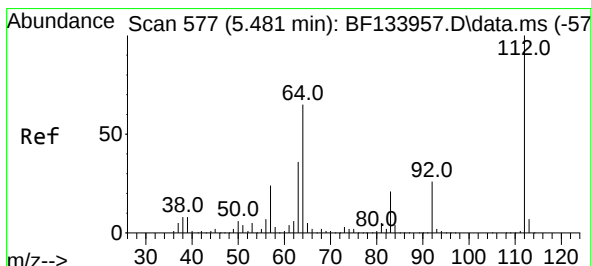
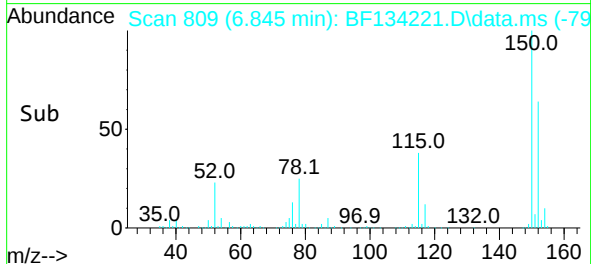
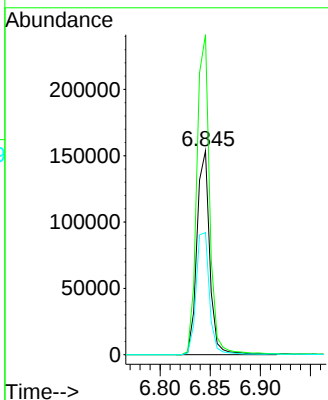
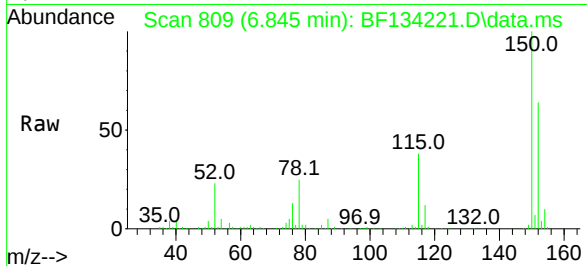




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF134221.D
Acq: 11 Jul 2023 19:42

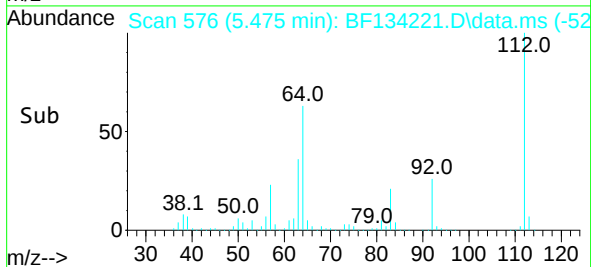
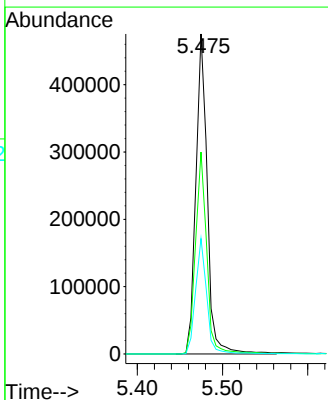
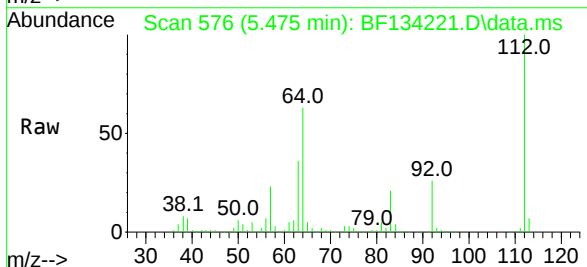
Instrument :
BNA_F
ClientSampleId :
WC-WWS-11RE

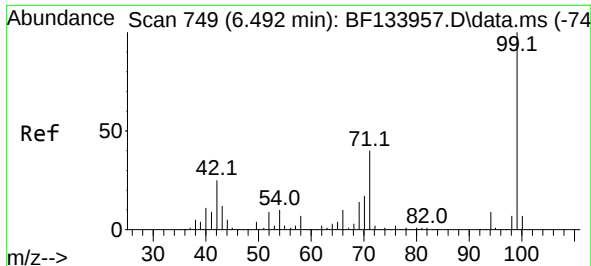
Tgt Ion:152 Resp: 136746
Ion Ratio Lower Upper
152 100
150 157.0 124.5 186.7
115 59.9 50.2 75.2



#5
2-Fluorophenol
Concen: 54.262 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.000 min
Lab File: BF134221.D
Acq: 11 Jul 2023 19:42

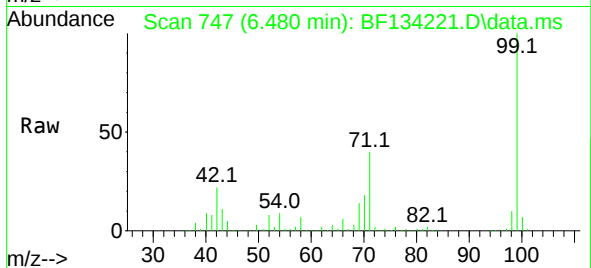
Tgt Ion:112 Resp: 443586
Ion Ratio Lower Upper
112 100
64 63.1 52.1 78.1
63 36.1 28.6 42.8



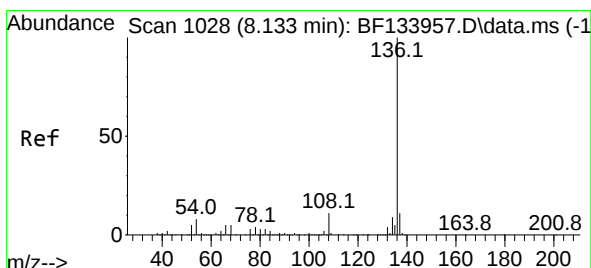
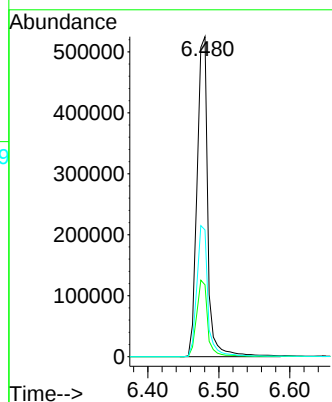
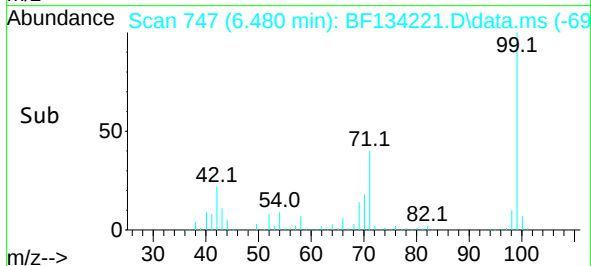


#7
Phenol-d6
Concen: 55.086 ng
RT: 6.480 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF134221.D
Acq: 11 Jul 2023 19:42

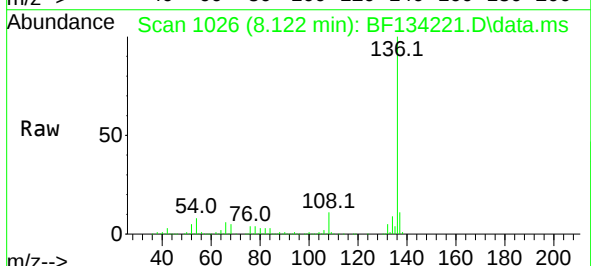
Instrument :
BNA_F
ClientSampleId :
WC-WWS-11RE



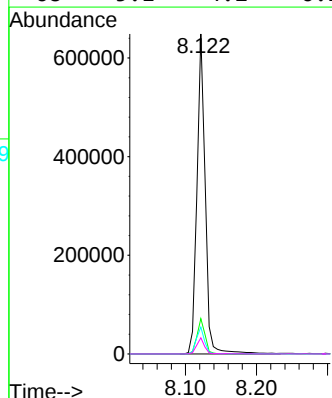
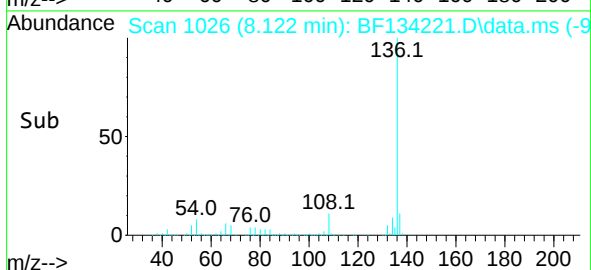
Tgt Ion: 99 Resp: 553800
Ion Ratio Lower Upper
99 100
42 22.4 19.8 29.6
71 39.6 31.9 47.9

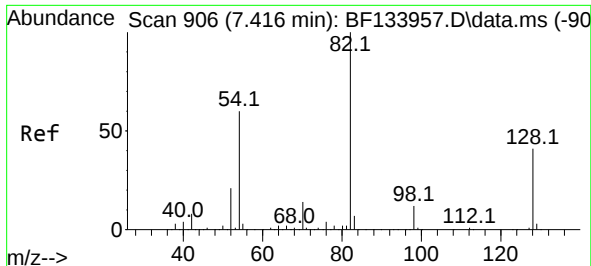


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134221.D
Acq: 11 Jul 2023 19:42



Tgt Ion: 136 Resp: 528379
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 8.4 6.5 9.7
68 5.1 4.2 6.2

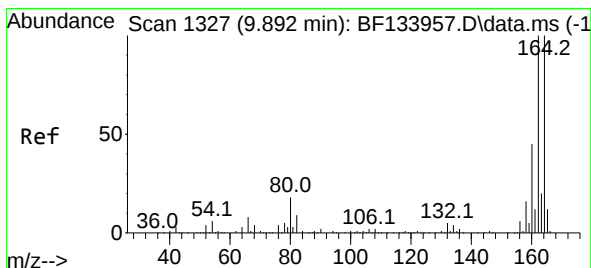
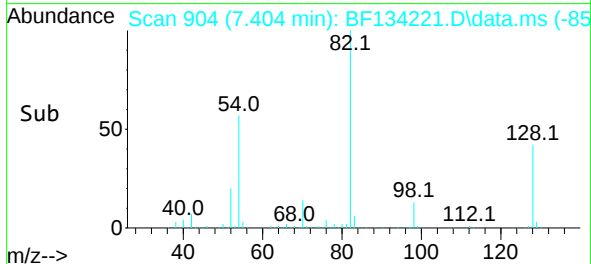
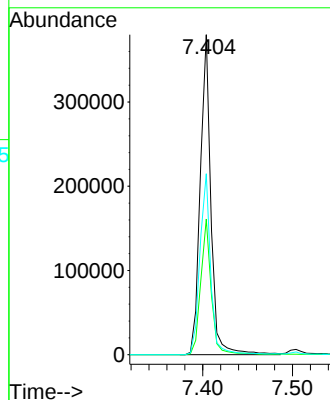
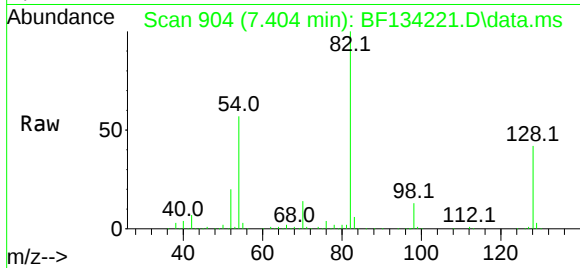




#23
Nitrobenzene-d5
Concen: 32.079 ng
RT: 7.404 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF134221.D
Acq: 11 Jul 2023 19:42

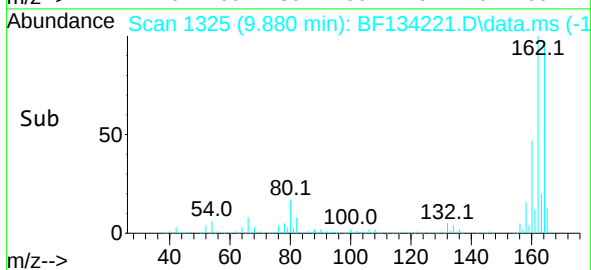
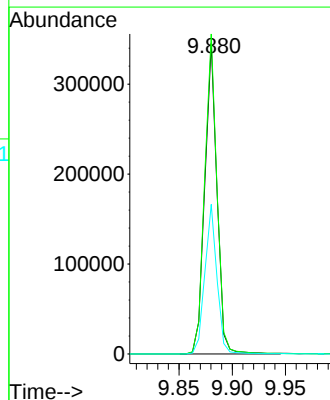
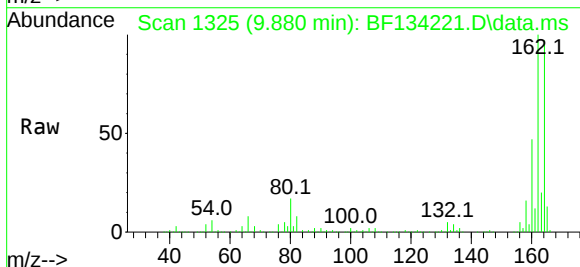
Instrument :
BNA_F
ClientSampleId :
WC-WWS-11RE

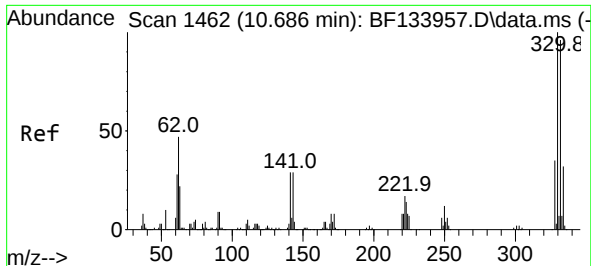
Tgt Ion: 82 Resp: 314439
Ion Ratio Lower Upper
82 100
128 42.4 32.5 48.7
54 56.6 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF134221.D
Acq: 11 Jul 2023 19:42

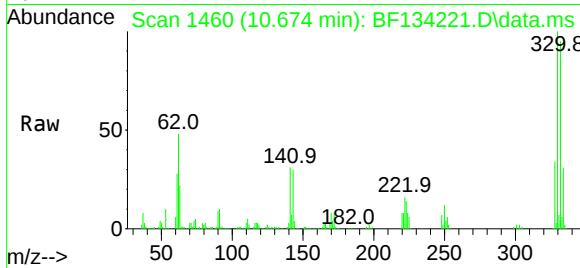
Tgt Ion:164 Resp: 277183
Ion Ratio Lower Upper
164 100
162 103.0 80.0 120.0
160 48.2 35.9 53.9



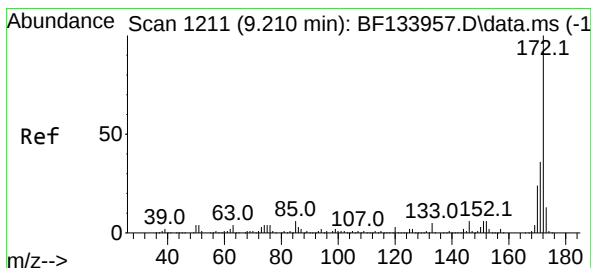
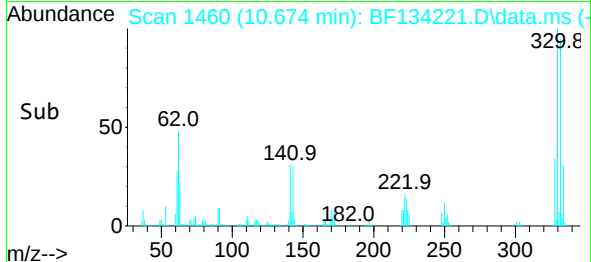
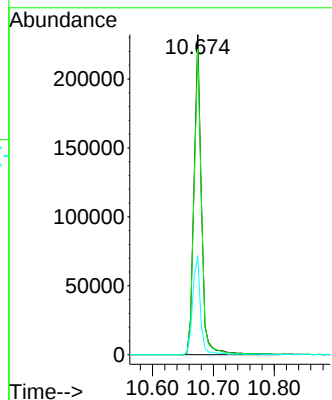


#42
2,4,6-Tribromophenol
Concen: 57.058 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134221.D
Acq: 11 Jul 2023 19:42

Instrument :
BNA_F
ClientSampleId :
WC-WWS-11RE

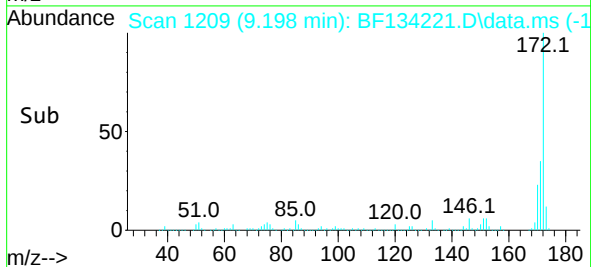
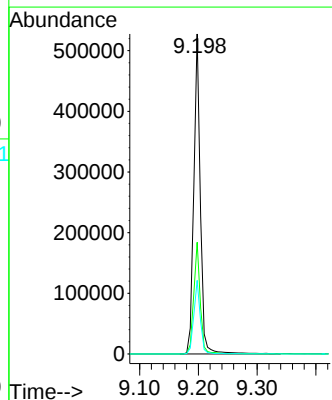
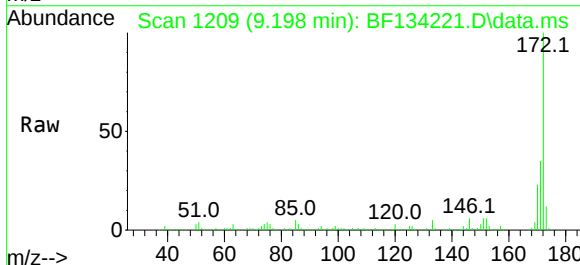


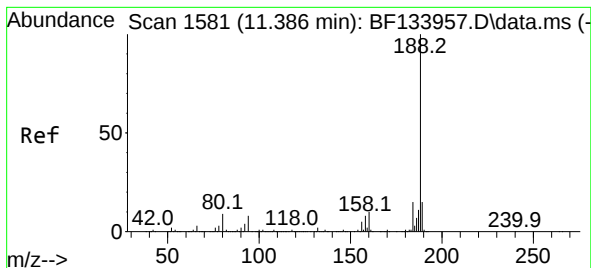
Tgt Ion: 330 Resp: 198295
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.6
141 32.3 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 21.385 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134221.D
Acq: 11 Jul 2023 19:42

Tgt Ion: 172 Resp: 407707
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.0 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: BF134221.D

Acq: 11 Jul 2023 19:42

Instrument :

BNA_F

ClientSampleId :

WC-WWS-11RE

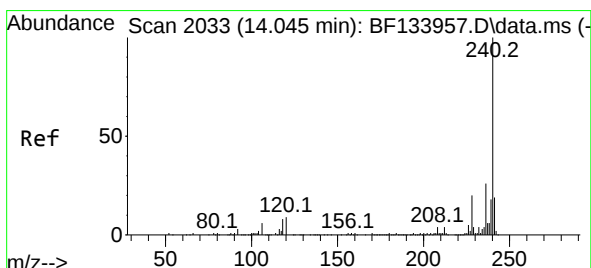
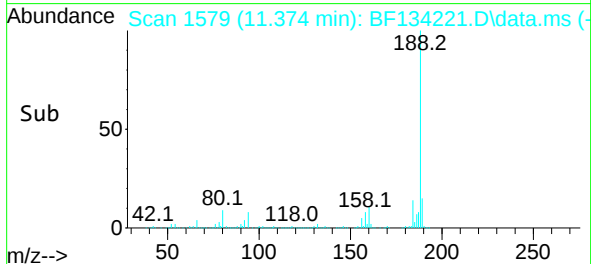
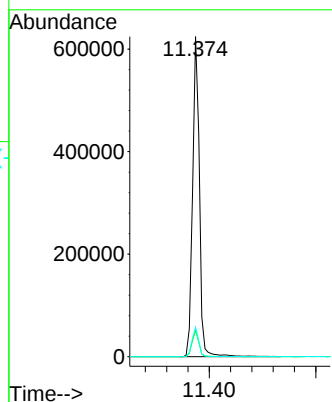
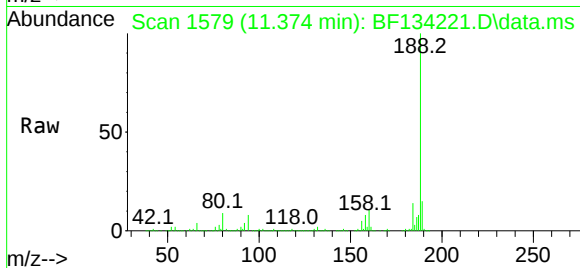
Tgt Ion:188 Resp: 555339

Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 9.2 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: BF134221.D

Acq: 11 Jul 2023 19:42

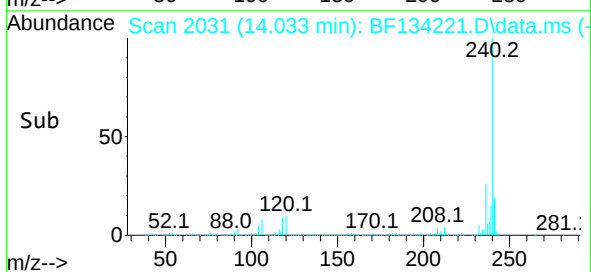
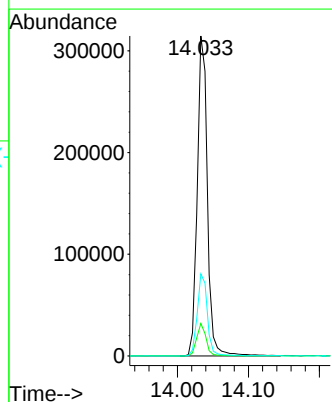
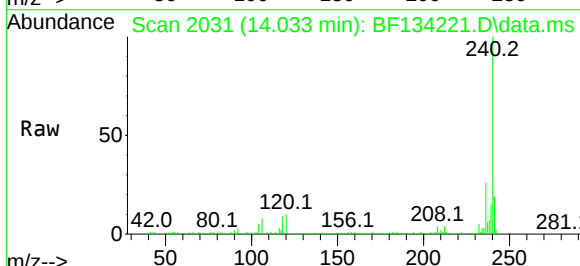
Tgt Ion:240 Resp: 313018

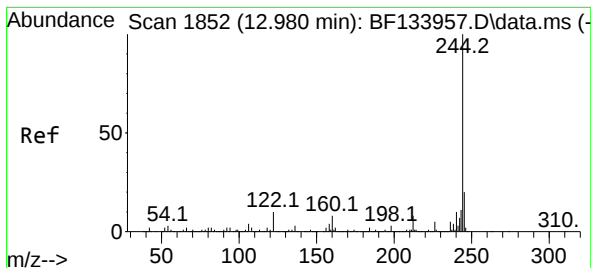
Ion Ratio Lower Upper

240 100

120 10.2 7.4 11.0

236 25.7 21.0 31.6





#79

Terphenyl-d14

Concen: 19.874 ng

RT: 12.968 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF134221.D

Acq: 11 Jul 2023 19:42

Instrument :

BNA_F

ClientSampleId :

WC-WWS-11RE

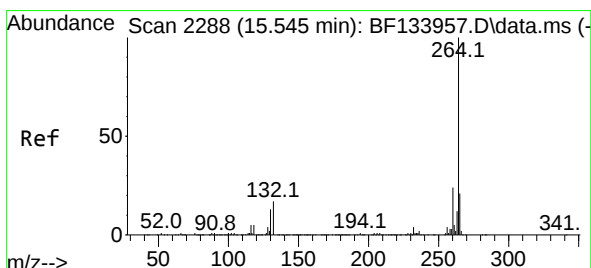
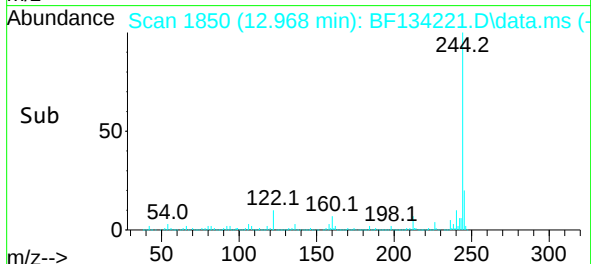
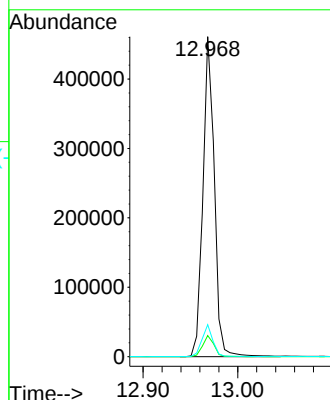
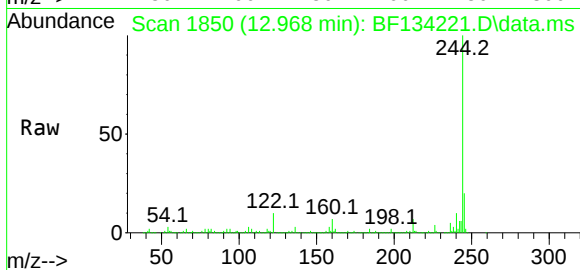
Tgt Ion:244 Resp: 386528

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

122 10.0 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: BF134221.D

Acq: 11 Jul 2023 19:42

Tgt Ion:264 Resp: 282303

Ion Ratio Lower Upper

264 100

260 25.0 19.5 29.3

265 21.7 16.6 25.0

