

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
 Data File : BF134264.D
 Acq On : 13 Jul 2023 16:19
 Operator : CG\JU
 Sample : 03541-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-WWS-08

Quant Time: Jul 13 17:14:35 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	73840	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	288958	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	141614	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	287273	20.000	ng	0.00
76) Chrysene-d12	14.033	240	220492	20.000	ng	0.00
86) Perylene-d12	15.539	264	207599	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	444207	100.630	ng	0.00
7) Phenol-d6	6.481	99	546107	100.597	ng	0.00
23) Nitrobenzene-d5	7.404	82	338180	63.088	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	185129	104.265	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	542805	55.728	ng	0.00
79) Terphenyl-d14	12.969	244	601162	43.880	ng	0.00

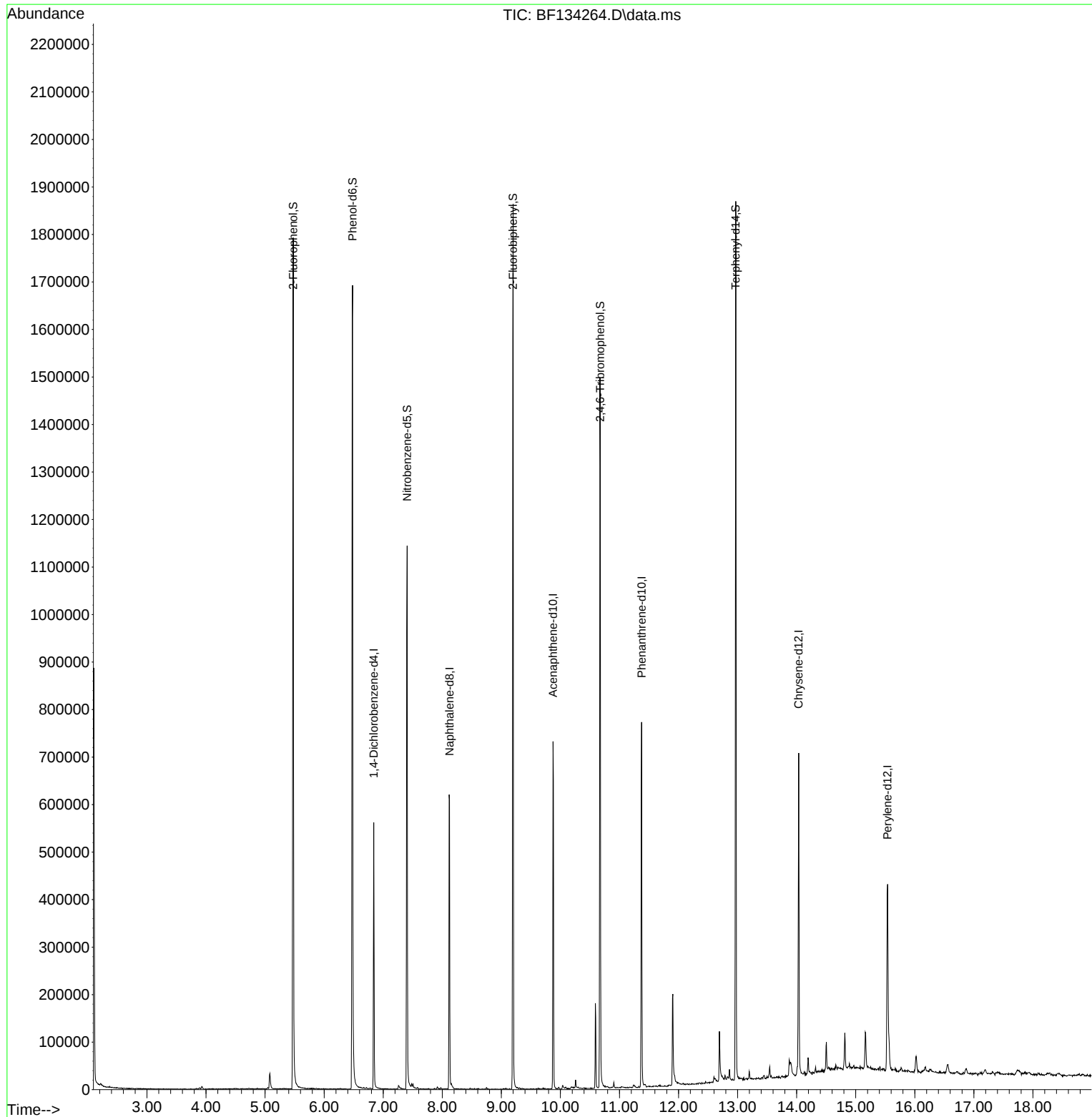
Target Compounds	Qvalue

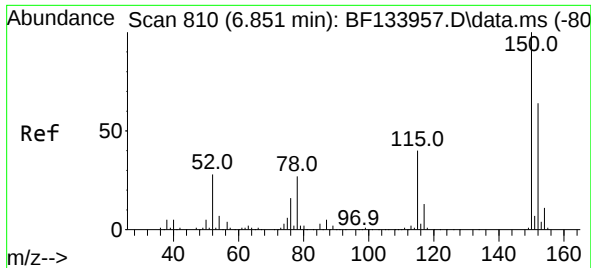
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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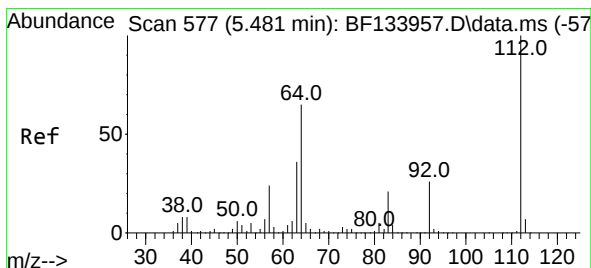
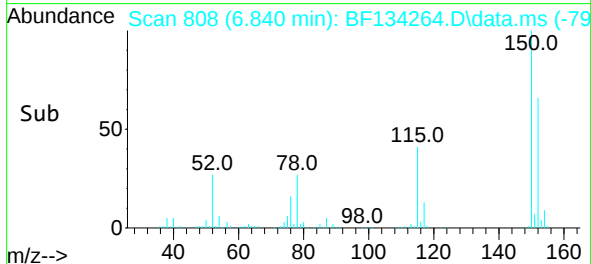
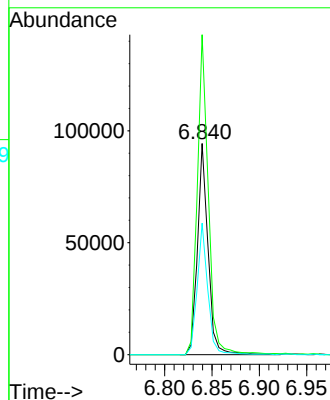
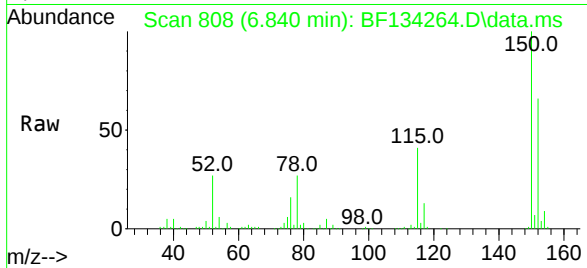




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 810
Delta R.T. -0.005 min
Lab File: BF134264.D
Acq: 13 Jul 2023 16:19

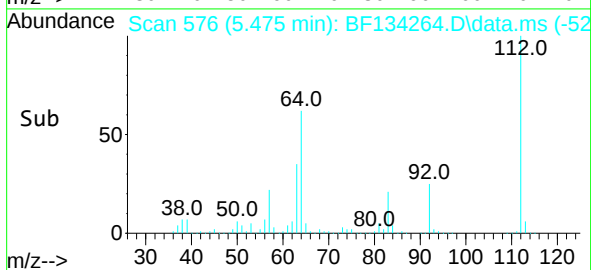
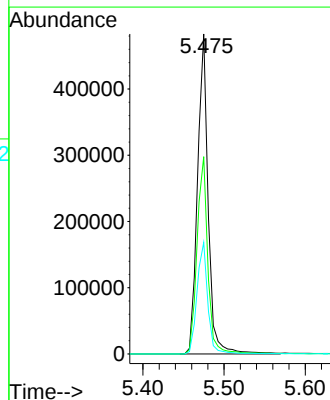
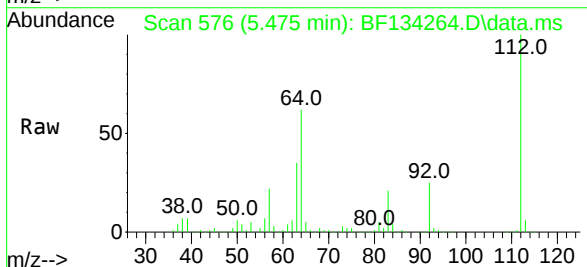
Instrument :
BNA_F
ClientSampleId :
WC-WWS-08

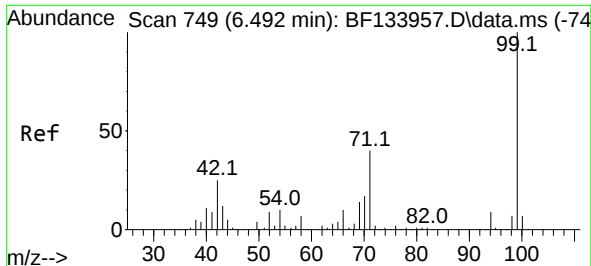
Tgt Ion:152 Resp: 73840
Ion Ratio Lower Upper
152 100
150 151.5 124.5 186.7
115 62.3 50.2 75.2



#5
2-Fluorophenol
Concen: 100.630 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF134264.D
Acq: 13 Jul 2023 16:19

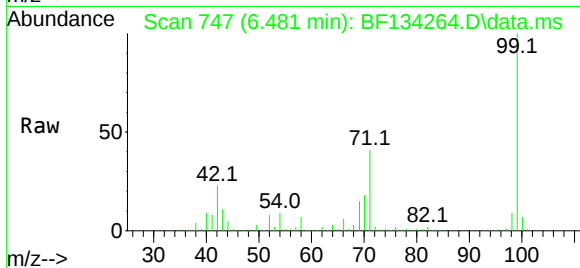
Tgt Ion:112 Resp: 444207
Ion Ratio Lower Upper
112 100
64 61.7 52.1 78.1
63 34.8 28.6 42.8





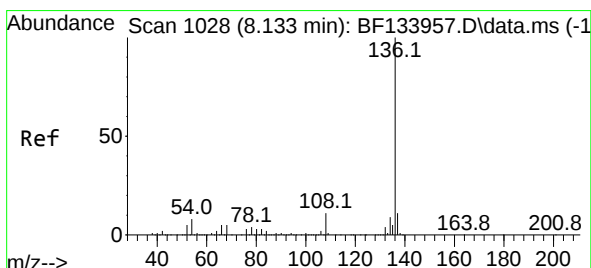
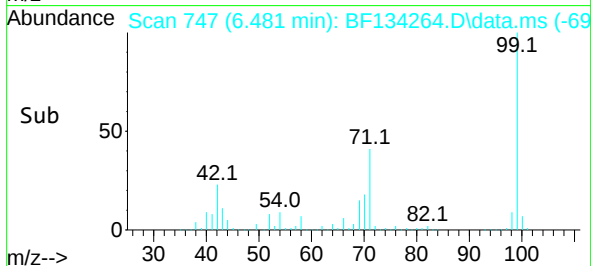
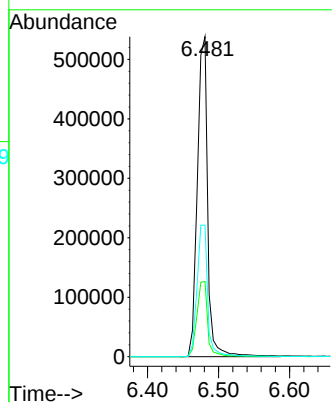
#7
Phenol-d6
Concen: 100.597 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF134264.D
Acq: 13 Jul 2023 16:19

Instrument :
BNA_F
ClientSampleId :
WC-WWS-08



Tgt Ion: 99 Resp: 546107

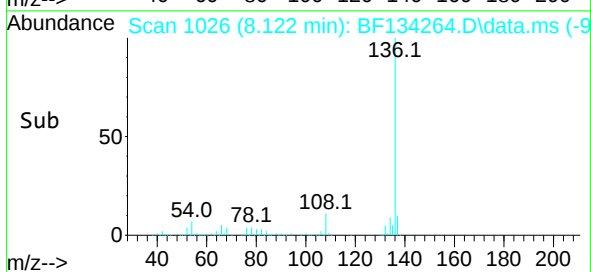
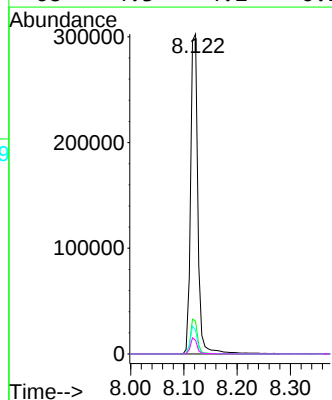
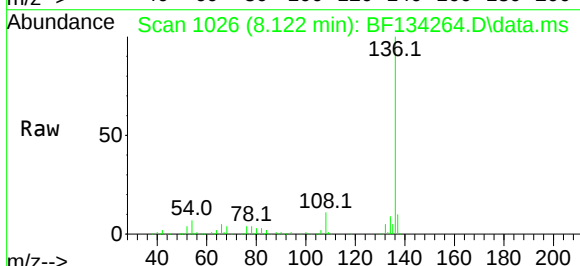
Ion	Ratio	Lower	Upper
99	100		
42	23.5	19.8	29.6
71	41.1	31.9	47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134264.D
Acq: 13 Jul 2023 16:19

Tgt Ion: 136 Resp: 288958

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	12.8
54	7.5	6.5	9.7
68	4.3	4.2	6.2





#23

Nitrobenzene-d5

Concen: 63.088 ng

RT: 7.404 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF134264.D

Acq: 13 Jul 2023 16:19

Instrument :

BNA_F

ClientSampleId :

WC-WWS-08

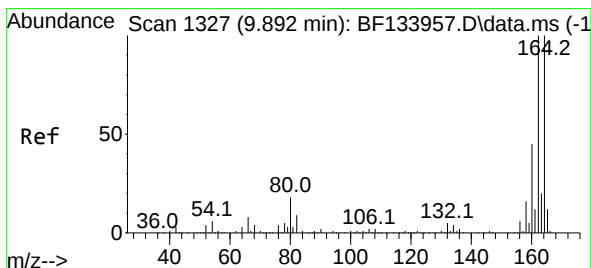
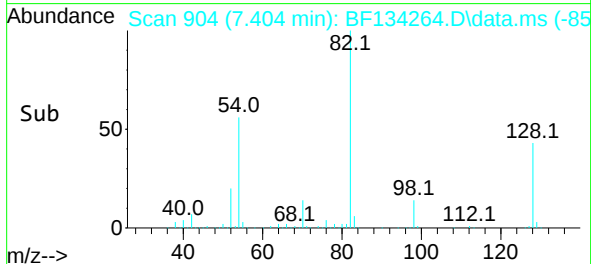
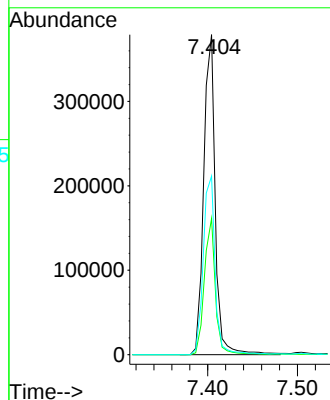
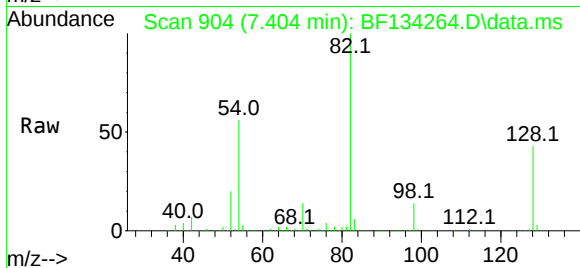
Tgt Ion: 82 Resp: 338180

Ion Ratio Lower Upper

82 100

128 42.5 32.5 48.7

54 55.8 48.2 72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.012 min

Lab File: BF134264.D

Acq: 13 Jul 2023 16:19

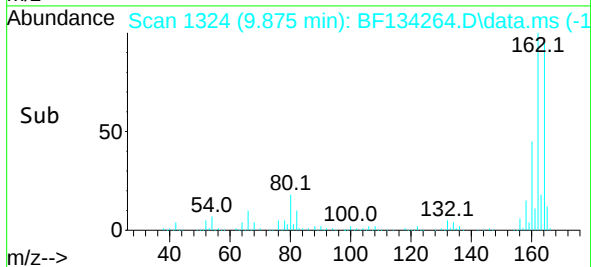
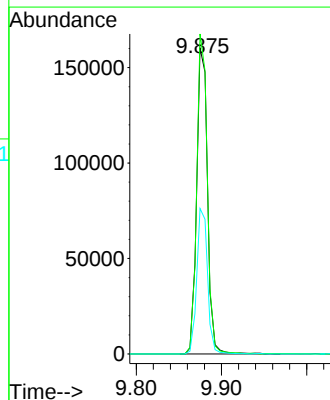
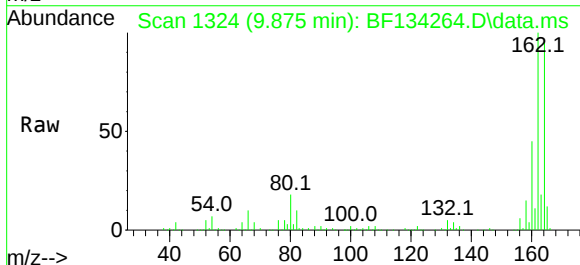
Tgt Ion:164 Resp: 141614

Ion Ratio Lower Upper

164 100

162 104.6 80.0 120.0

160 47.6 35.9 53.9

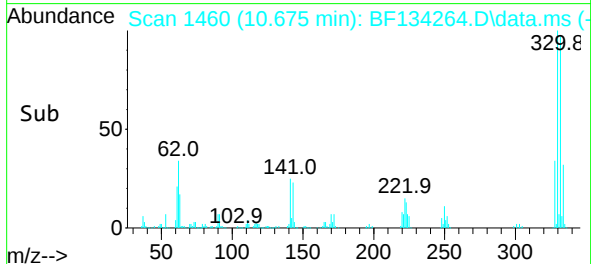
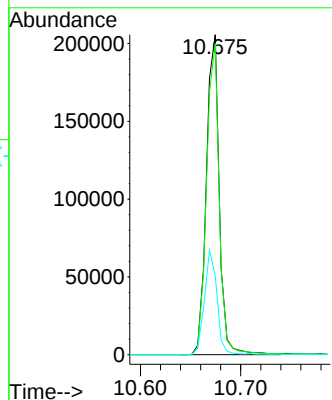
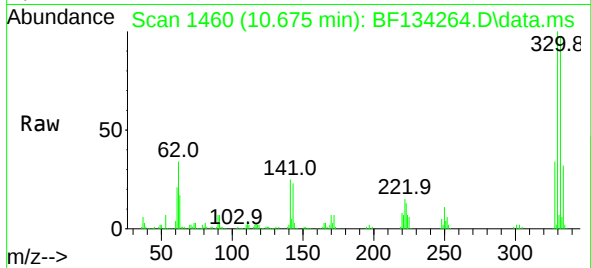




#42
2,4,6-Tribromophenol
Concen: 104.265 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134264.D
Acq: 13 Jul 2023 16:19

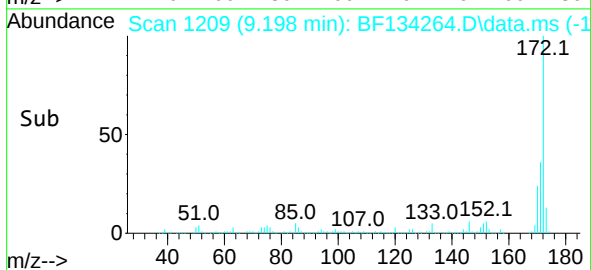
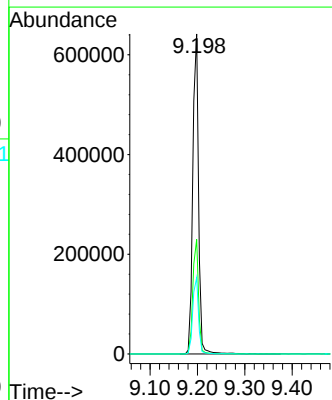
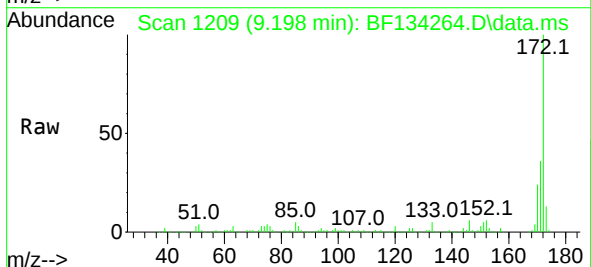
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Tgt Ion:330 Resp: 185129
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 32.0 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 55.728 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134264.D
Acq: 13 Jul 2023 16:19

Tgt Ion:172 Resp: 542805
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.9 19.4 29.0

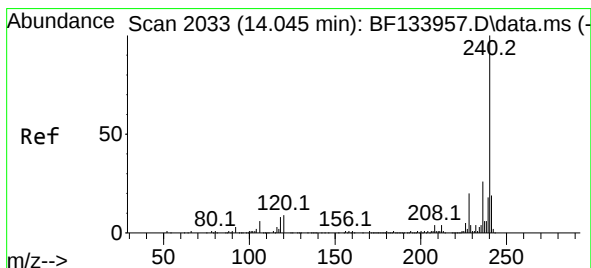
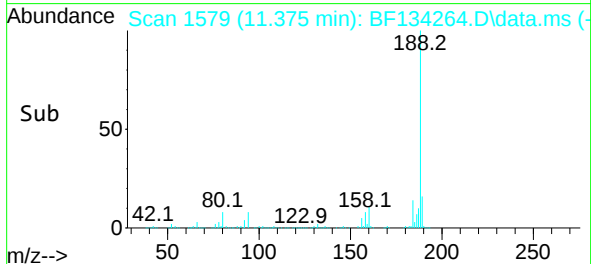
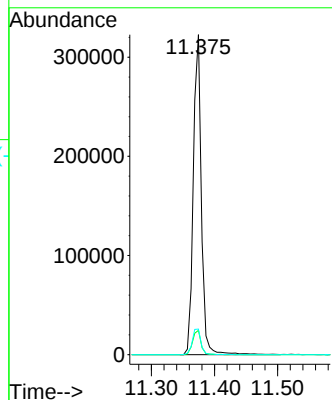
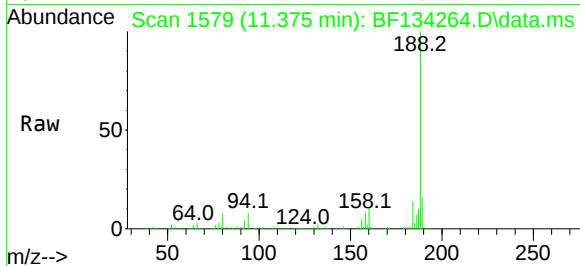




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134264.D
Acq: 13 Jul 2023 16:19

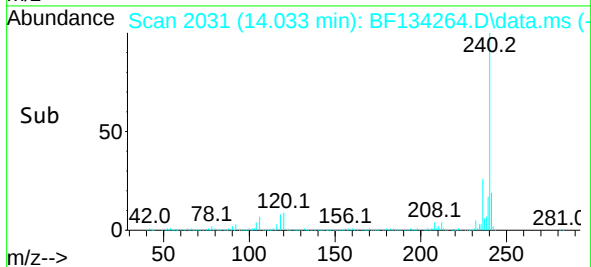
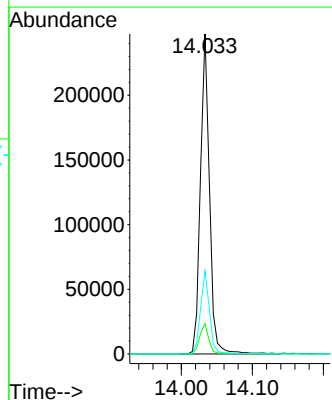
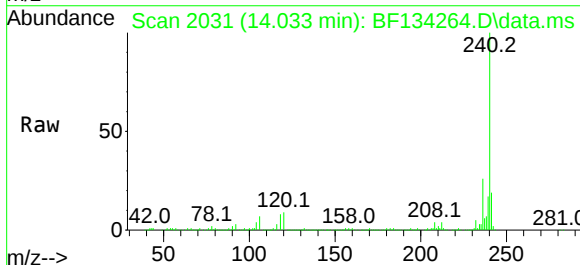
Instrument :
BNA_F
ClientSampleId :
WC-WWS-08

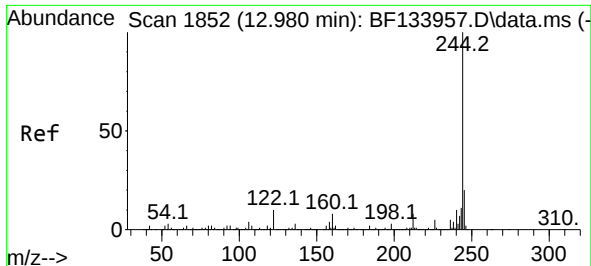
Tgt Ion:188 Resp: 287273
Ion Ratio Lower Upper
188 100
94 7.6 6.4 9.6
80 8.0 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134264.D
Acq: 13 Jul 2023 16:19

Tgt Ion:240 Resp: 220492
Ion Ratio Lower Upper
240 100
120 9.5 7.4 11.0
236 25.8 21.0 31.6

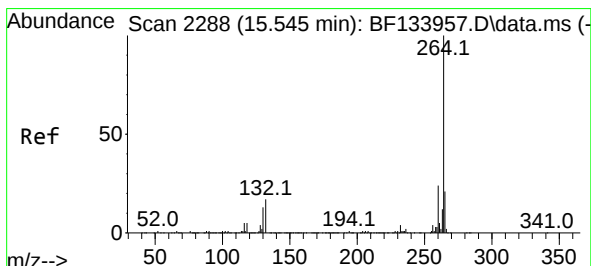
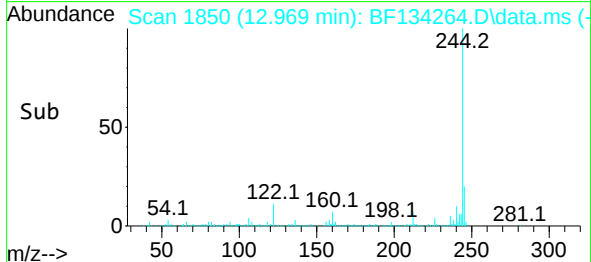
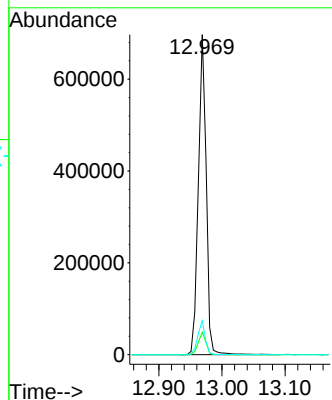
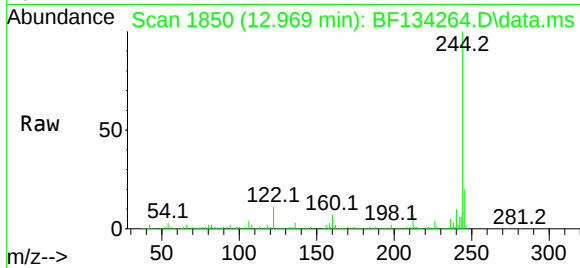




#79
 Terphenyl-d14
 Concen: 43.880 ng
 RT: 12.969 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF134264.D
 Acq: 13 Jul 2023 16:19

Instrument :
 BNA_F
 ClientSampleId :
 WC-WWS-08

Tgt Ion:244 Resp: 601162
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 10.6 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: BF134264.D
 Acq: 13 Jul 2023 16:19

Tgt Ion:264 Resp: 207599
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 20.4 16.6 25.0

