

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
 Data File : BF134248.D
 Acq On : 12 Jul 2023 15:47
 Operator : CG\JU
 Sample : 03541-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-WWS-08

Quant Time: Jul 12 16:21:07 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)

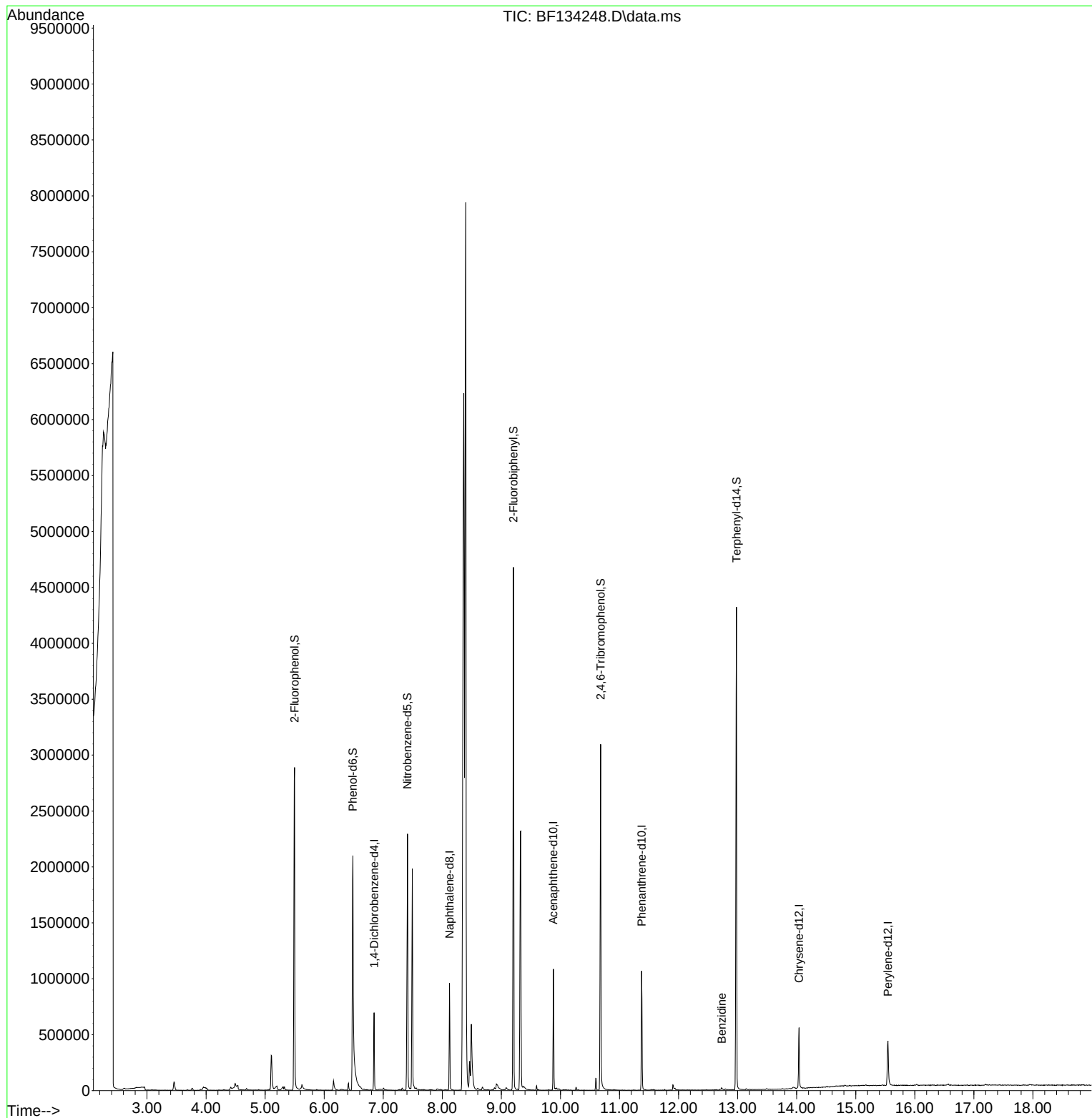
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	94694	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	376268	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	194288	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	390382	20.000	ng	0.00
76) Chrysene-d12	14.039	240	191082	20.000	ng	0.00
86) Perylene-d12	15.545	264	209735	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	841495	148.650	ng	0.02
7) Phenol-d6	6.487	99	981573	140.994	ng	0.00
23) Nitrobenzene-d5	7.410	82	740565	106.096	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	401823	164.953	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1375578	102.937	ng	0.00
79) Terphenyl-d14	12.980	244	1611156	135.702	ng	0.00
Target Compounds						
77) Benzidine	12.733	184	10116	2.225	ng	Qvalue # 93

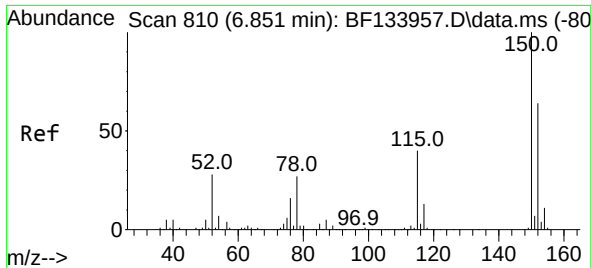
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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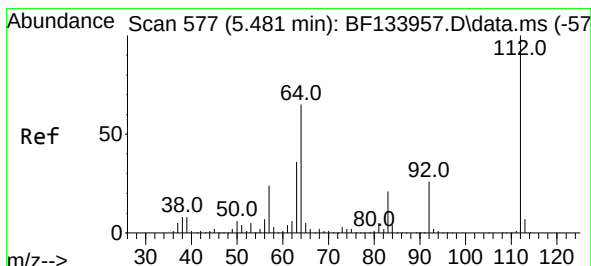
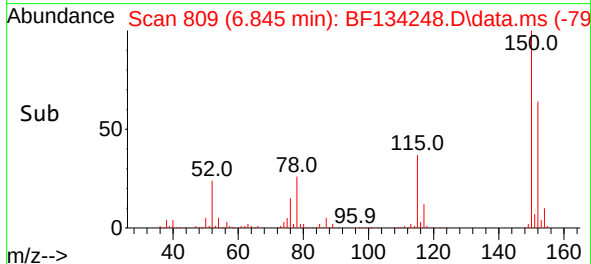
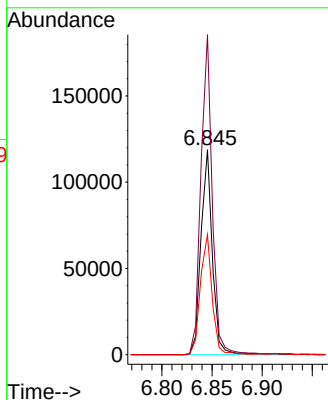
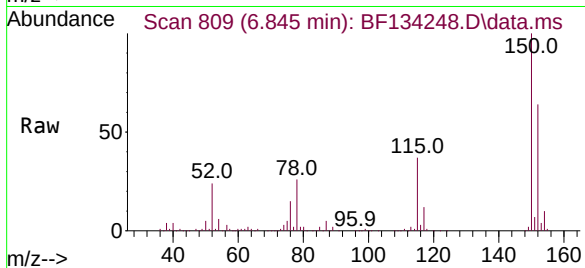




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134248.D
Acq: 12 Jul 2023 15:47

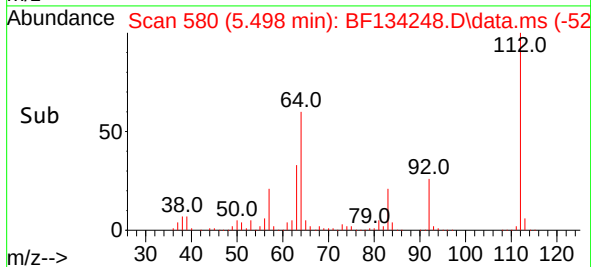
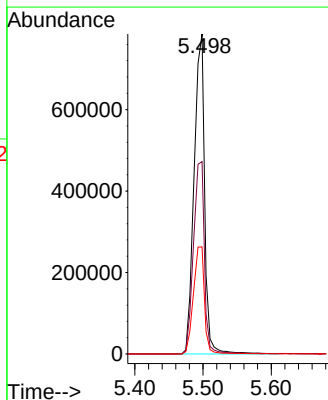
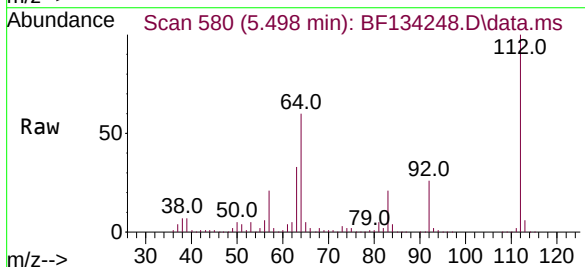
Instrument :
BNA_F
ClientSampleId :
WC-WWS-08

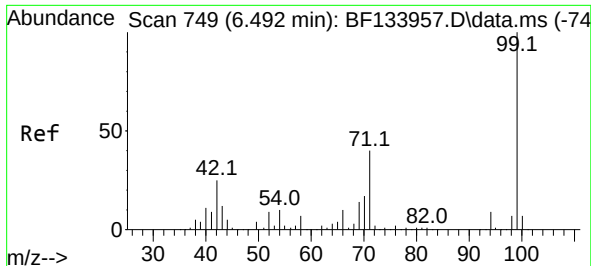
Tgt Ion:152 Resp: 94694
Ion Ratio Lower Upper
152 100
150 156.1 124.5 186.7
115 58.5 50.2 75.2



#5
2-Fluorophenol
Concen: 148.650 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.024 min
Lab File: BF134248.D
Acq: 12 Jul 2023 15:47

Tgt Ion:112 Resp: 841495
Ion Ratio Lower Upper
112 100
64 60.1 52.1 78.1
63 33.5 28.6 42.8

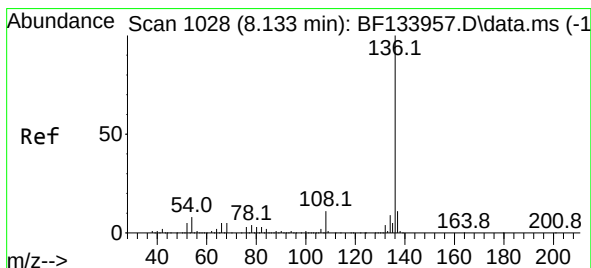
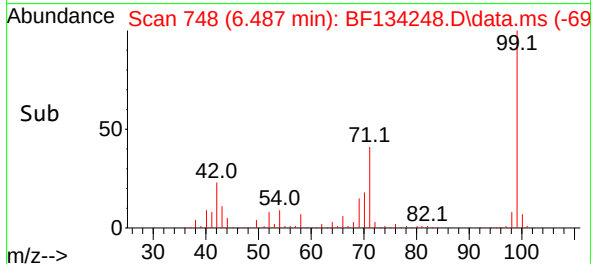
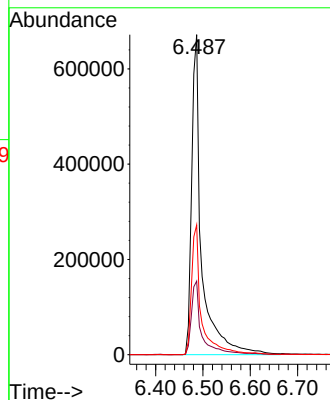
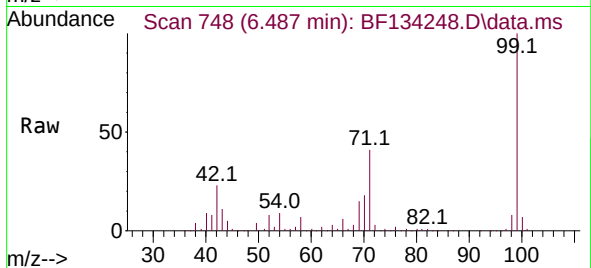




#7
Phenol-d6
Concen: 140.994 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF134248.D
Acq: 12 Jul 2023 15:47

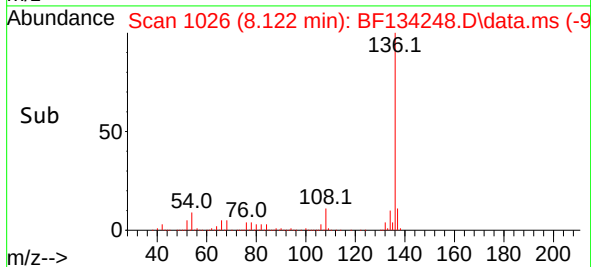
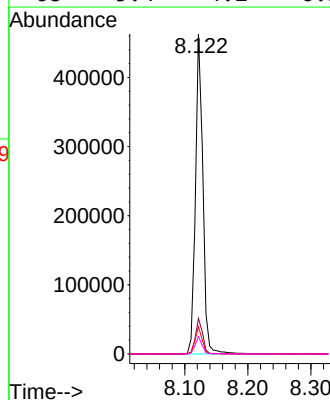
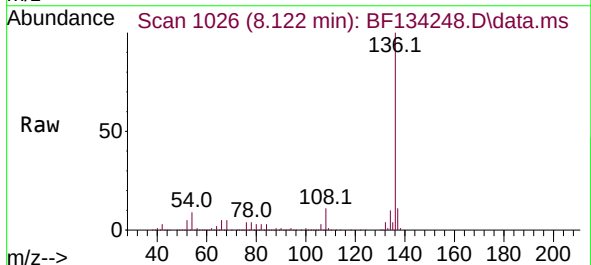
Instrument :
BNA_F
ClientSampleId :
WC-WWS-08

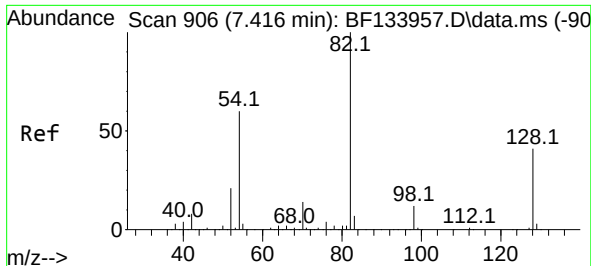
Tgt Ion: 99 Resp: 981573
Ion Ratio Lower Upper
99 100
42 23.0 19.8 29.6
71 40.6 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134248.D
Acq: 12 Jul 2023 15:47

Tgt Ion: 136 Resp: 376268
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 8.5 6.5 9.7
68 5.4 4.2 6.2

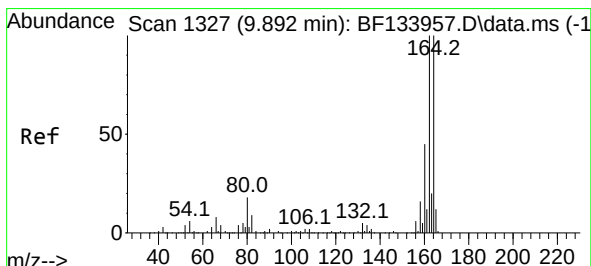
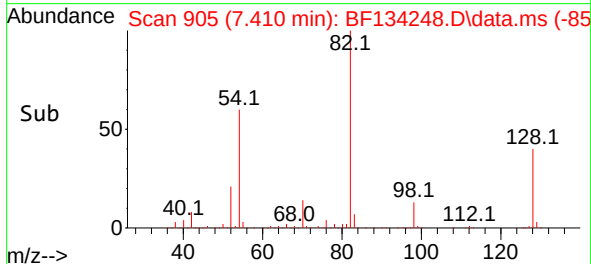
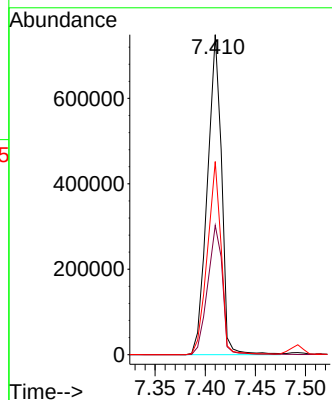
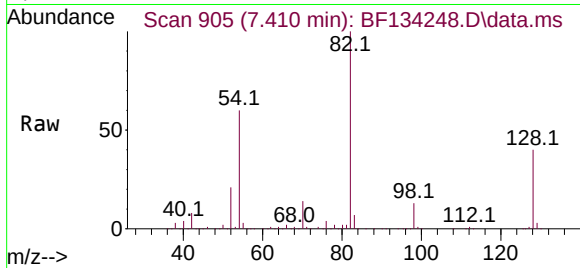




#23
Nitrobenzene-d5
Concen: 106.096 ng
RT: 7.410 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF134248.D
Acq: 12 Jul 2023 15:47

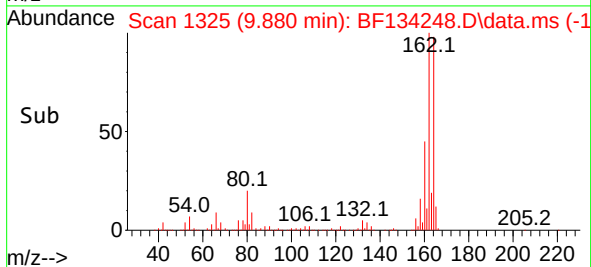
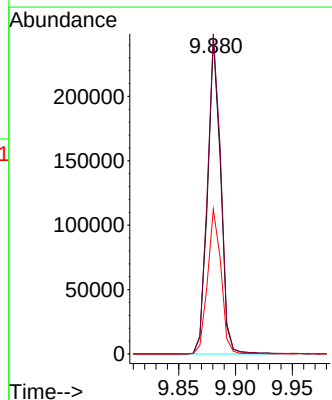
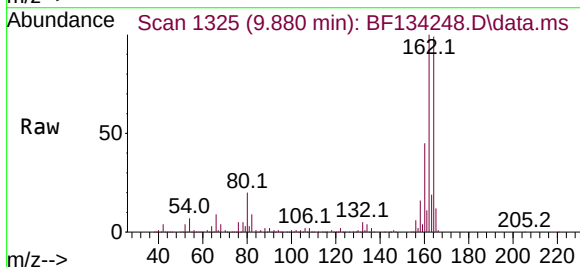
Instrument :
BNA_F
ClientSampleId :
WC-WWS-08

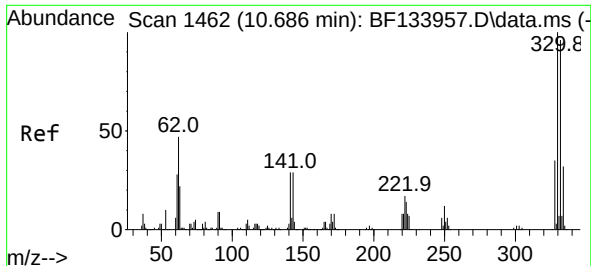
Tgt Ion: 82 Resp: 740565
Ion Ratio Lower Upper
82 100
128 40.4 32.5 48.7
54 60.3 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF134248.D
Acq: 12 Jul 2023 15:47

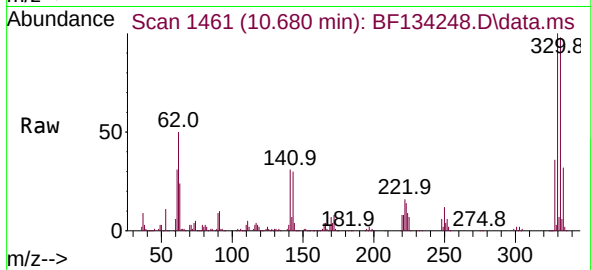
Tgt Ion:164 Resp: 194288
Ion Ratio Lower Upper
164 100
162 101.5 80.0 120.0
160 45.9 35.9 53.9



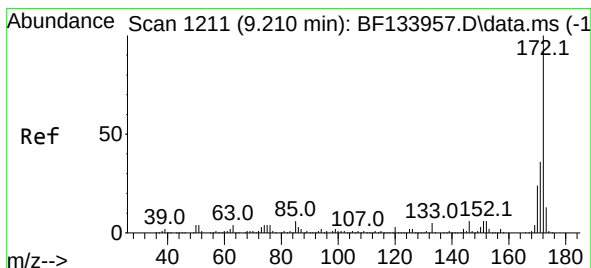
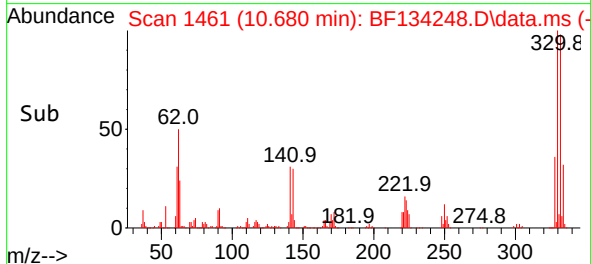
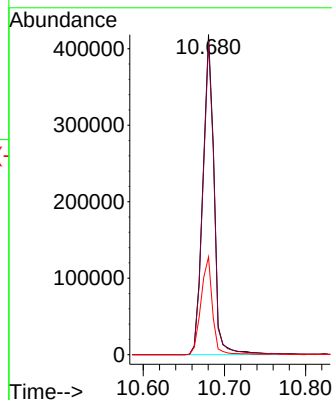


#42
2,4,6-Tribromophenol
Concen: 164.953 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF134248.D
Acq: 12 Jul 2023 15:47

Instrument :
BNA_F
ClientSampleId :
WC-WWS-08

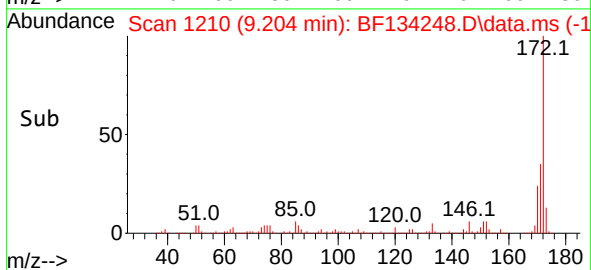
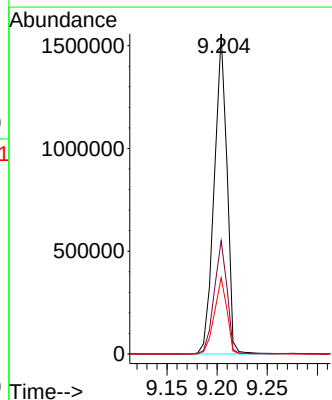
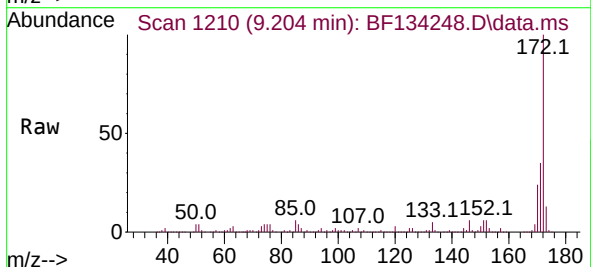


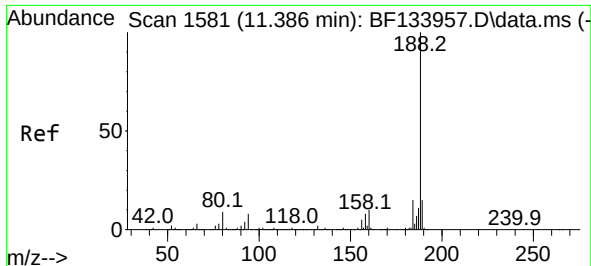
Tgt Ion: 330 Resp: 401823
Ion Ratio Lower Upper
330 100
332 98.4 77.0 115.6
141 31.3 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 102.937 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF134248.D
Acq: 12 Jul 2023 15:47

Tgt Ion: 172 Resp: 1375578
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.8 19.4 29.0

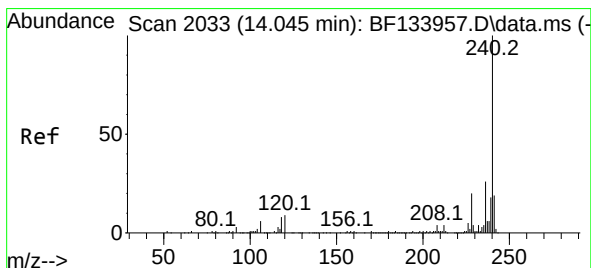
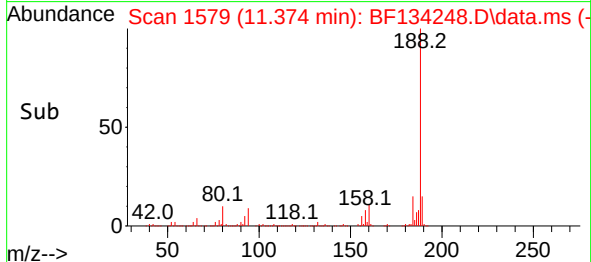
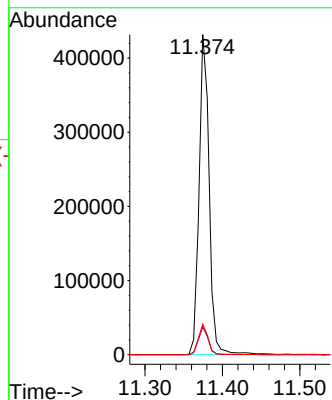
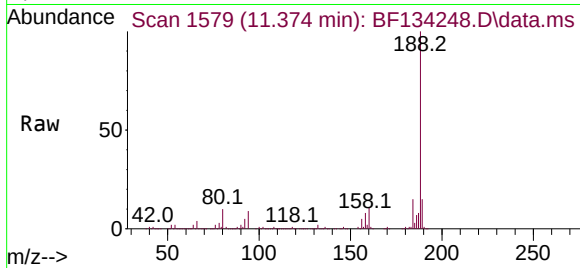




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11374
Delta R.T. -0.006 min
Lab File: BF134248.D
Acq: 12 Jul 2023 15:47

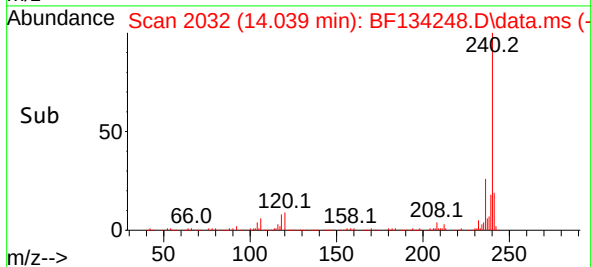
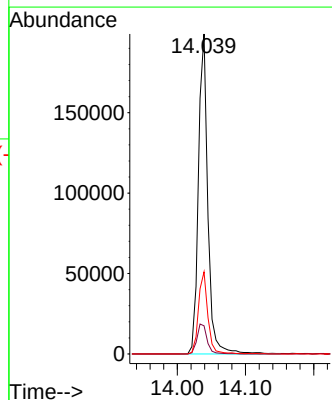
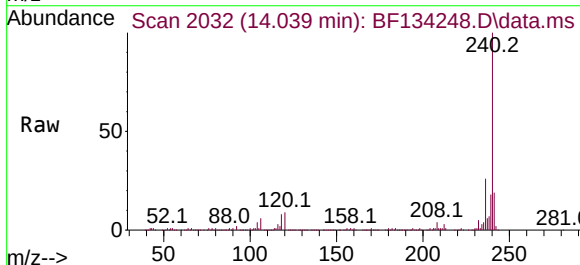
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WC-WWS-08

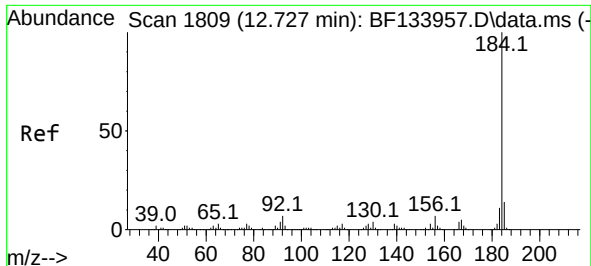
Tgt Ion:188 Resp: 390382
Ion Ratio Lower Upper
188 100
94 8.6 6.4 9.6
80 9.6 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF134248.D
Acq: 12 Jul 2023 15:47

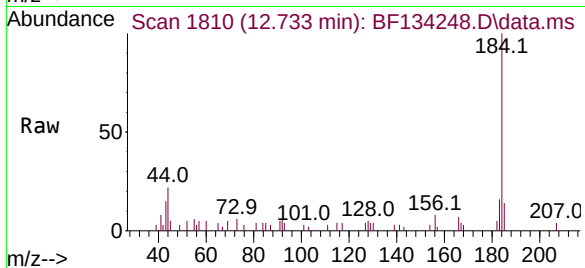
Tgt Ion:240 Resp: 191082
Ion Ratio Lower Upper
240 100
120 8.8 7.4 11.0
236 25.7 21.0 31.6



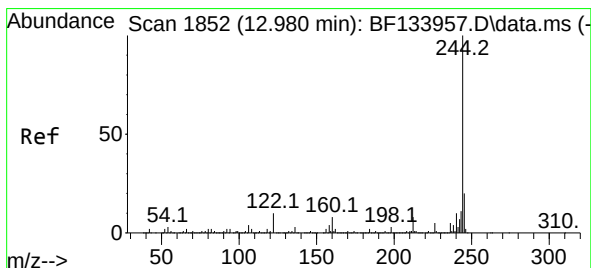
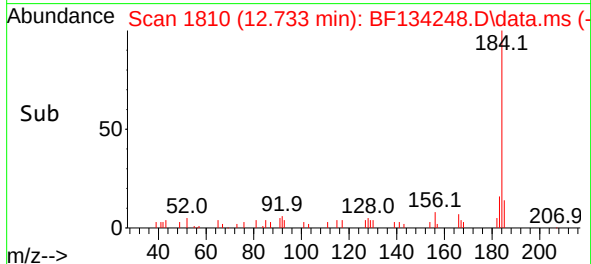
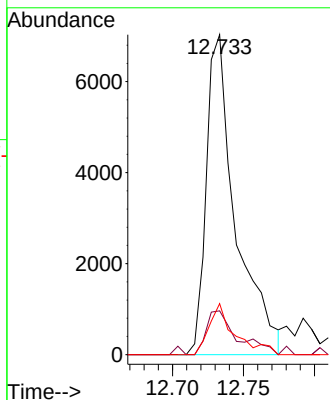


#77
Benzidine
Concen: 2.225 ng
RT: 12.733 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BF134248.D
Acq: 12 Jul 2023 15:47

Instrument :
BNA_F
ClientSampleId :
WC-WWS-08

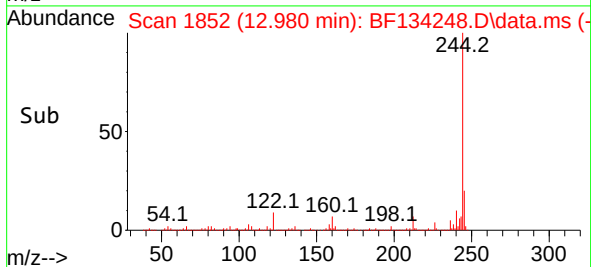
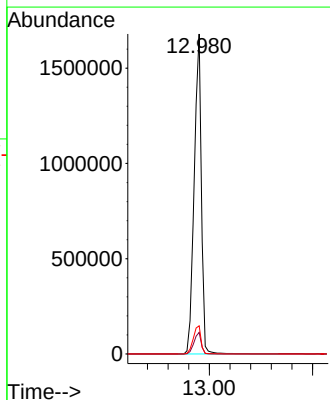
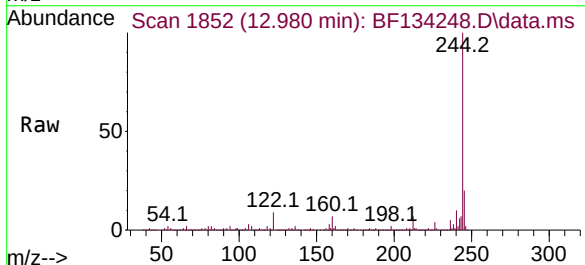


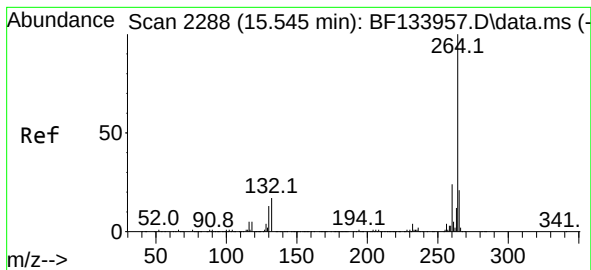
Tgt Ion:184 Resp: 10116
Ion Ratio Lower Upper
184 100
185 13.7 11.6 17.4
183 15.9 8.8 13.2#



#79
Terphenyl-d14
Concen: 135.702 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.006 min
Lab File: BF134248.D
Acq: 12 Jul 2023 15:47

Tgt Ion:244 Resp: 1611156
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 8.8 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF134248.D

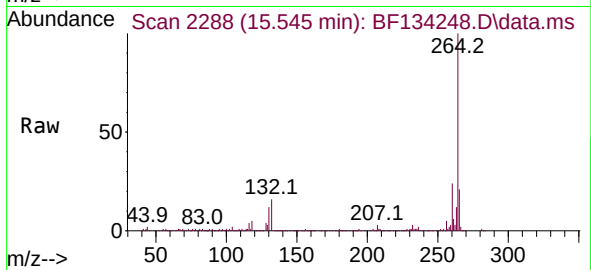
Acq: 12 Jul 2023 15:47

Instrument :

BNA_F

ClientSampleId :

WC-WWS-08



Tgt Ion:264 Resp: 209735

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 21.0 16.6 25.0

