

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134170.D
 Acq On : 09 Jul 2023 04:29
 Operator : CG\JU
 Sample : 03509-22
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-WWS-05

Quant Time: Jul 09 05:48:01 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	148970	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	593285	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	304741	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	588146	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	343708	20.000	ng	-0.02
86) Perylene-d12	15.539	264	301950	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1066499	119.756	ng	0.01
7) Phenol-d6	6.487	99	1235899	112.846	ng	0.00
23) Nitrobenzene-d5	7.410	82	979043	88.955	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	526383	137.766	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1800317	85.892	ng	0.00
79) Terphenyl-d14	12.980	244	2136332	100.034	ng	0.00

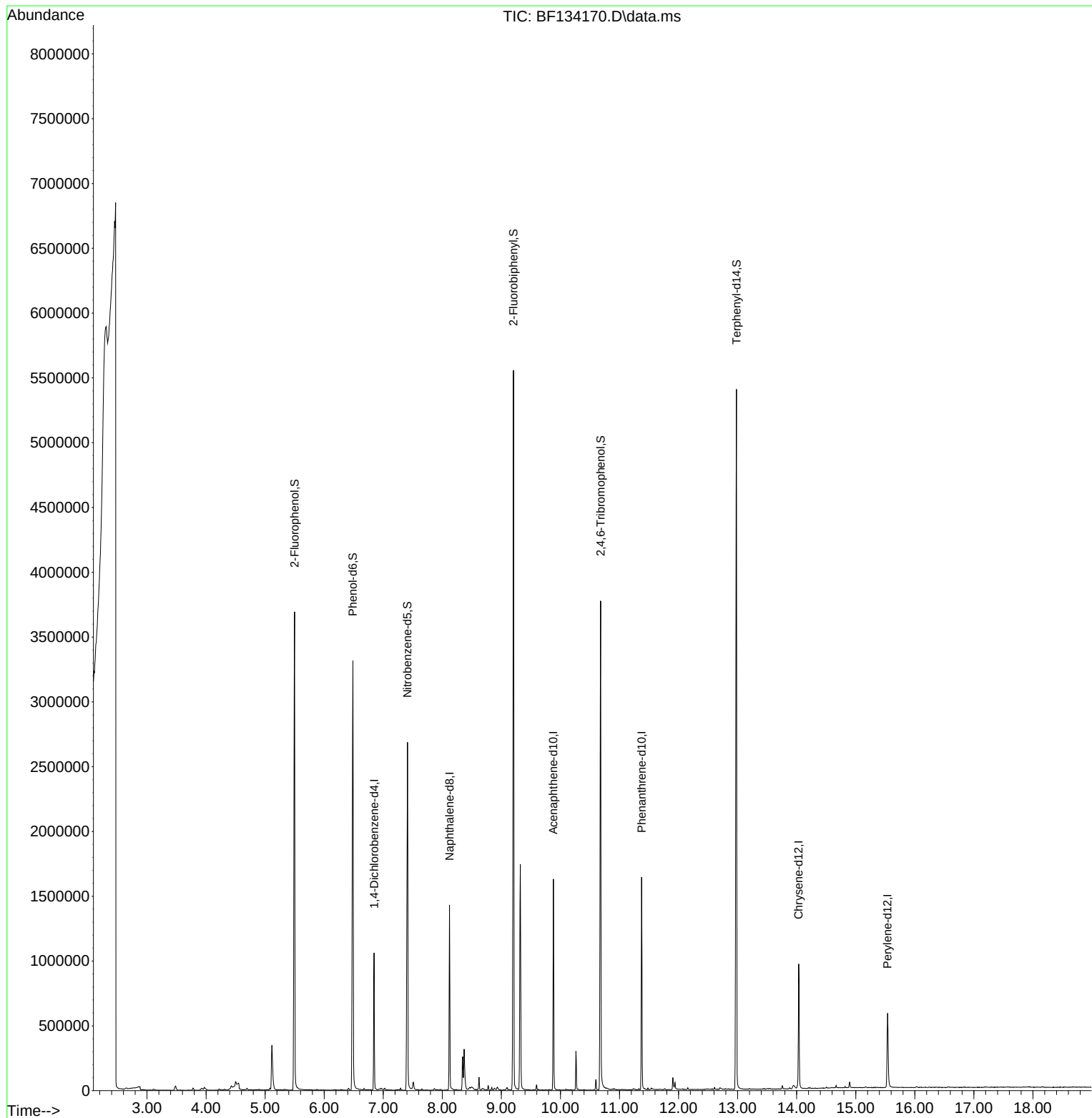
Target Compounds	Qvalue

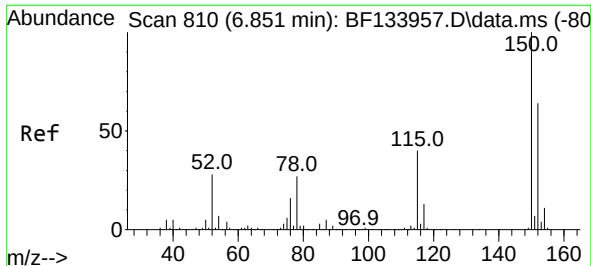
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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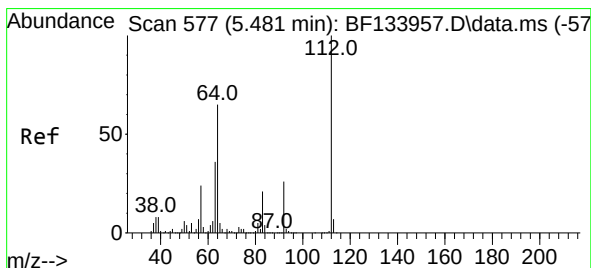
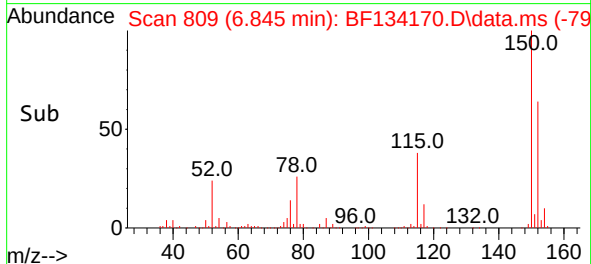
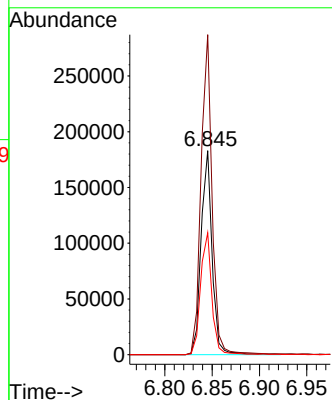
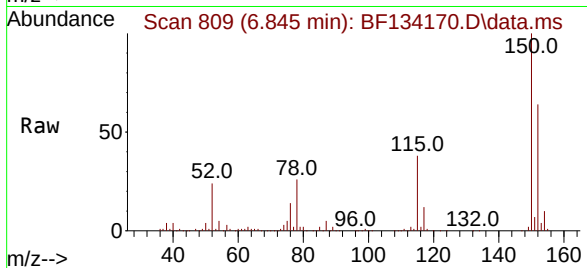




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134170.D
Acq: 09 Jul 2023 04:29

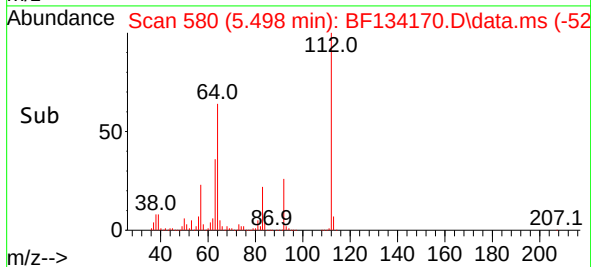
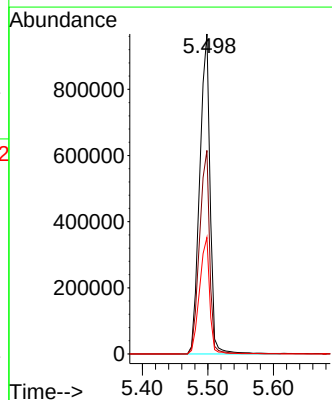
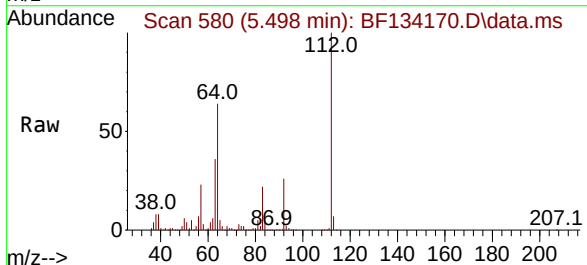
Instrument :
BNA_F
ClientSampleId :
WC-WWS-05

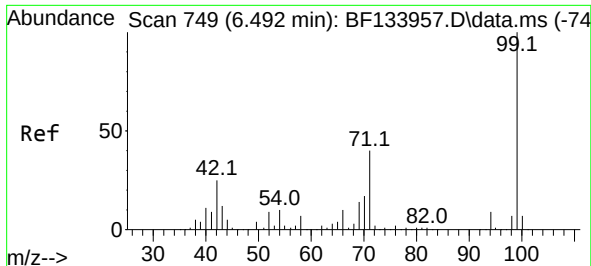
Tgt Ion:152 Resp: 148970
Ion Ratio Lower Upper
152 100
150 156.9 124.5 186.7
115 59.8 50.2 75.2



#5
2-Fluorophenol
Concen: 119.756 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF134170.D
Acq: 09 Jul 2023 04:29

Tgt Ion:112 Resp: 1066499
Ion Ratio Lower Upper
112 100
64 63.6 52.1 78.1
63 36.4 28.6 42.8



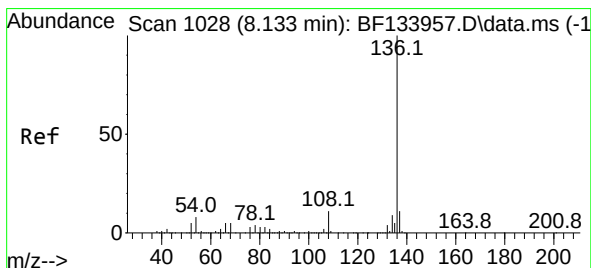
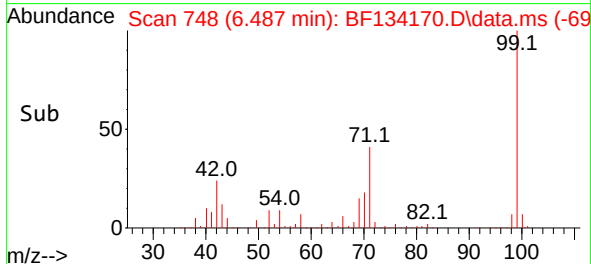
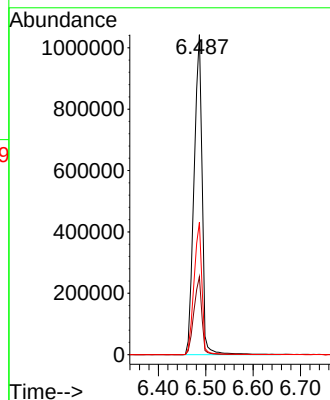
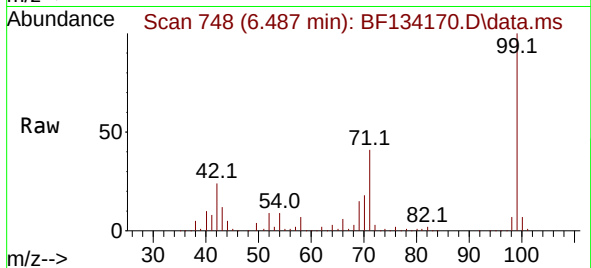


#7
Phenol-d6
Concen: 112.846 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134170.D
Acq: 09 Jul 2023 04:29

Instrument :
BNA_F
ClientSampleId :
WC-WWS-05

Tgt Ion: 99 Resp: 1235899

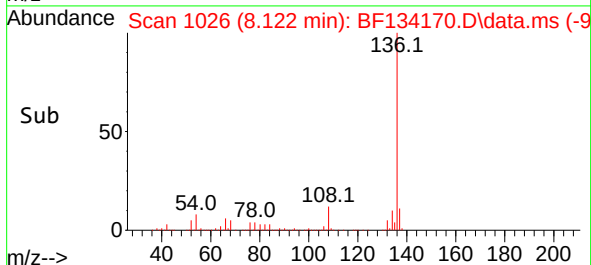
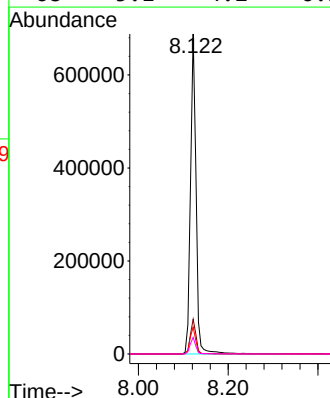
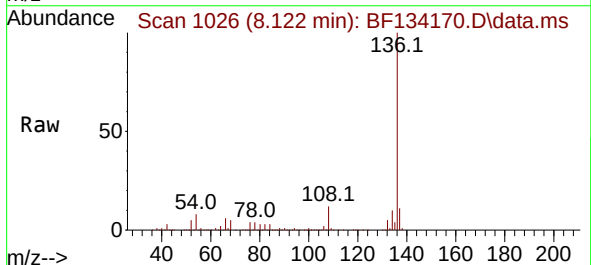
Ion	Ratio	Lower	Upper
99	100		
42	24.4	19.8	29.6
71	41.4	31.9	47.9

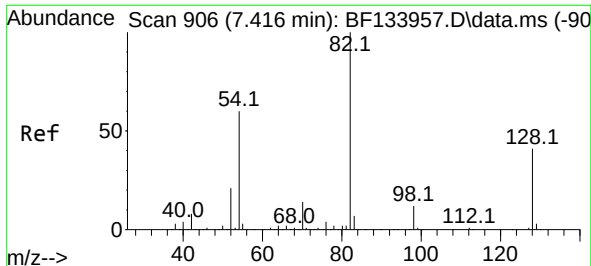


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134170.D
Acq: 09 Jul 2023 04:29

Tgt Ion: 136 Resp: 593285

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	8.4	6.5	9.7
68	5.1	4.2	6.2





#23

Nitrobenzene-d5

Concen: 88.955 ng

RT: 7.410 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF134170.D

Acq: 09 Jul 2023 04:29

Instrument :

BNA_F

ClientSampleId :

WC-WWS-05

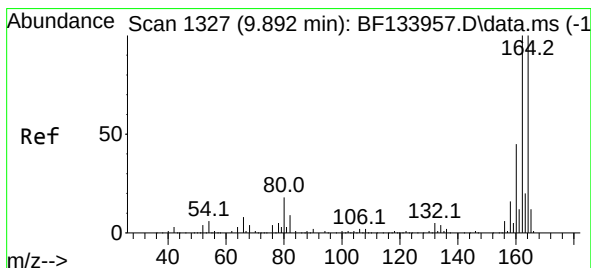
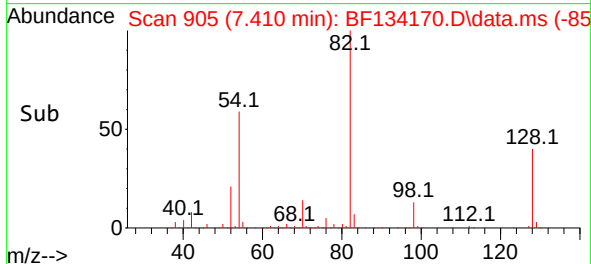
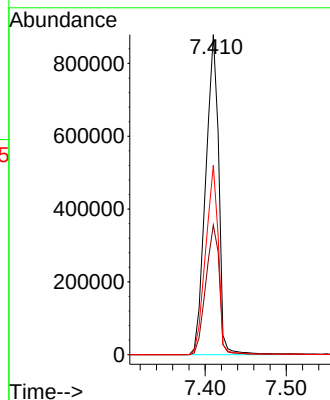
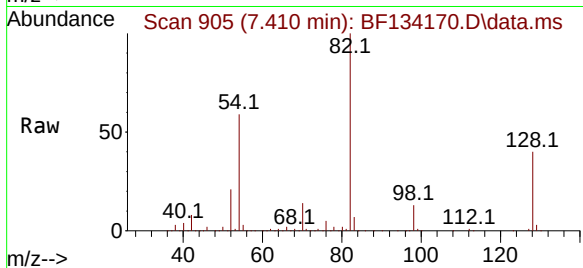
Tgt Ion: 82 Resp: 979043

Ion Ratio Lower Upper

82 100

128 40.5 32.5 48.7

54 59.1 48.2 72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.012 min

Lab File: BF134170.D

Acq: 09 Jul 2023 04:29

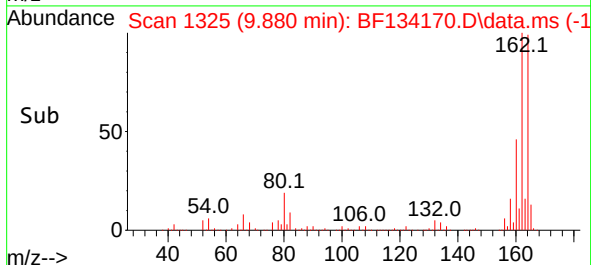
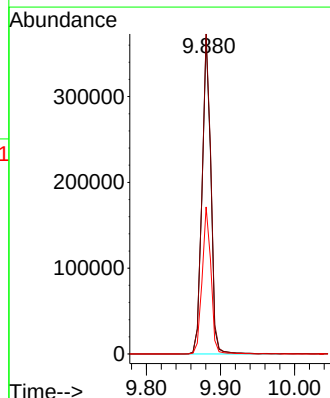
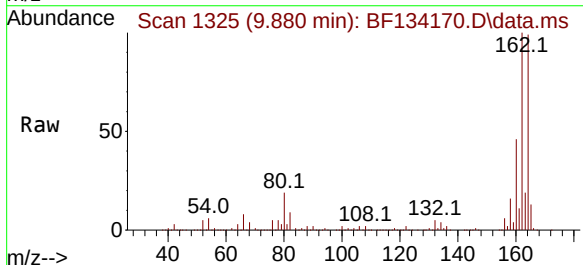
Tgt Ion:164 Resp: 304741

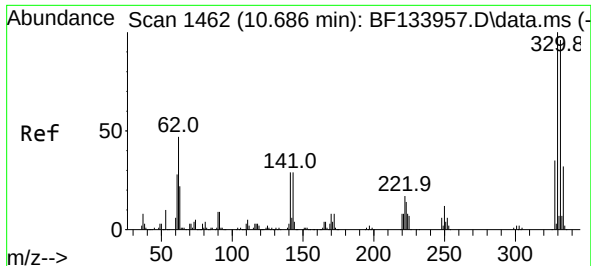
Ion Ratio Lower Upper

164 100

162 101.1 80.0 120.0

160 46.5 35.9 53.9

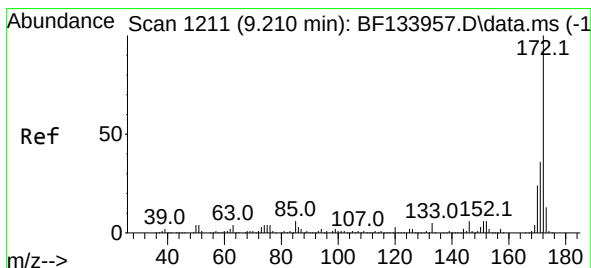
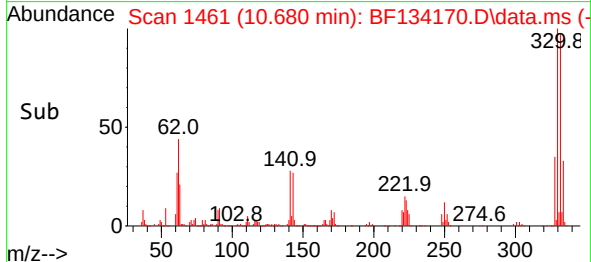
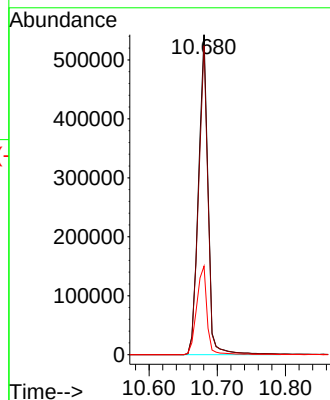
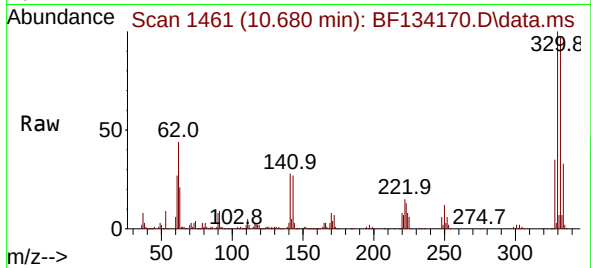




#42
2,4,6-Tribromophenol
Concen: 137.766 ng
RT: 10.680 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF134170.D
Acq: 09 Jul 2023 04:29

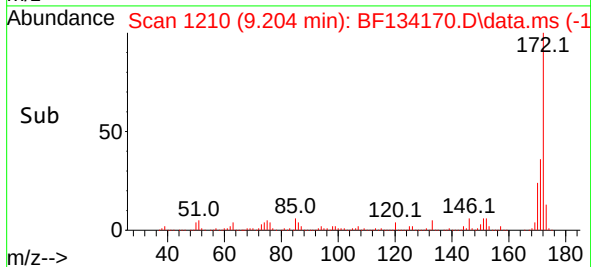
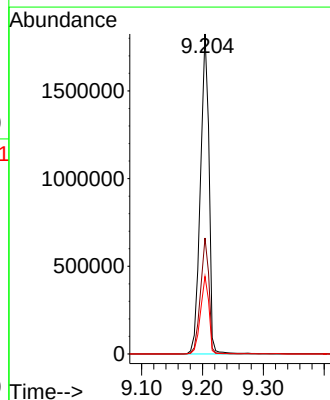
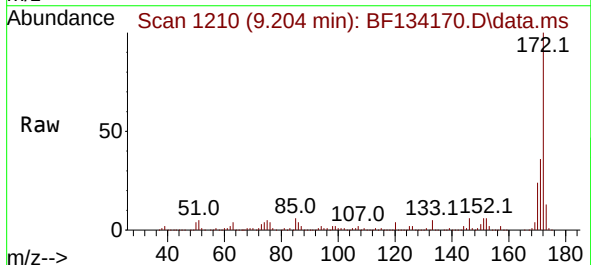
Instrument :
BNA_F
ClientSampleId :
WC-WWS-05

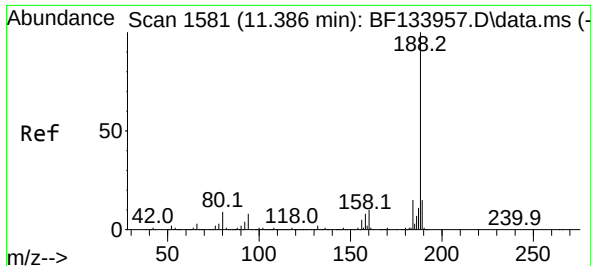
Tgt Ion:330 Resp: 526383
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 30.2 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 85.892 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134170.D
Acq: 09 Jul 2023 04:29

Tgt Ion:172 Resp: 1800317
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 24.2 19.4 29.0

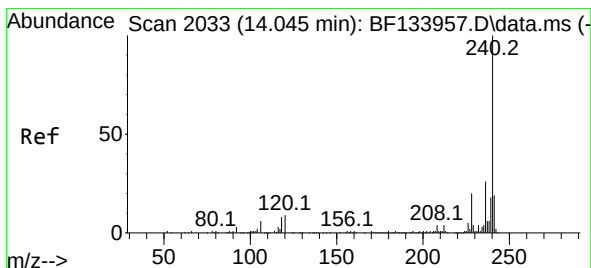
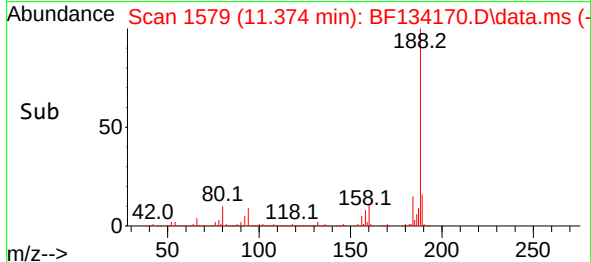
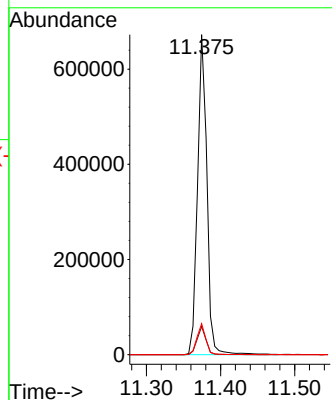
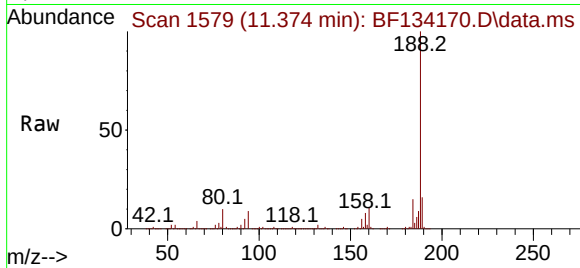




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134170.D
Acq: 09 Jul 2023 04:29

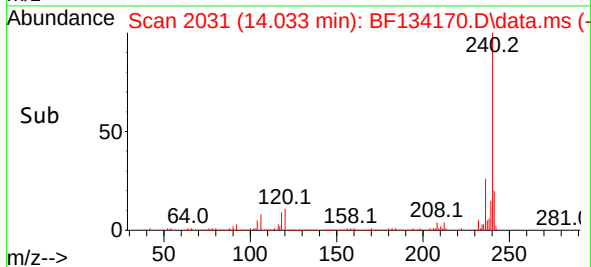
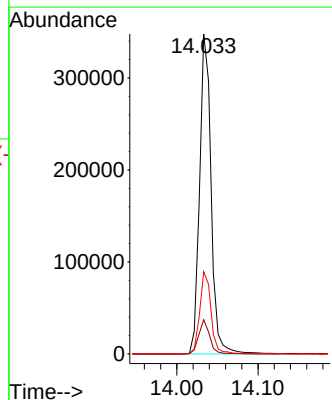
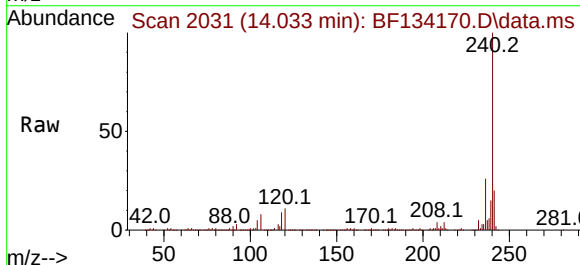
Instrument :
BNA_F
ClientSampleId :
WC-WWS-05

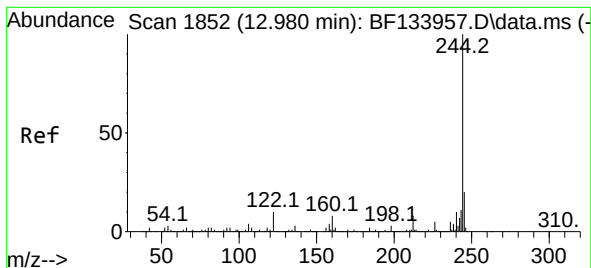
Tgt Ion:188 Resp: 588146
Ion Ratio Lower Upper
188 100
94 8.8 6.4 9.6
80 9.7 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF134170.D
Acq: 09 Jul 2023 04:29

Tgt Ion:240 Resp: 343708
Ion Ratio Lower Upper
240 100
120 10.7 7.4 11.0
236 25.7 21.0 31.6





#79

Terphenyl-d14

Concen: 100.034 ng

RT: 12.980 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134170.D

Acq: 09 Jul 2023 04:29

Instrument :

BNA_F

ClientSampleId :

WC-WWS-05

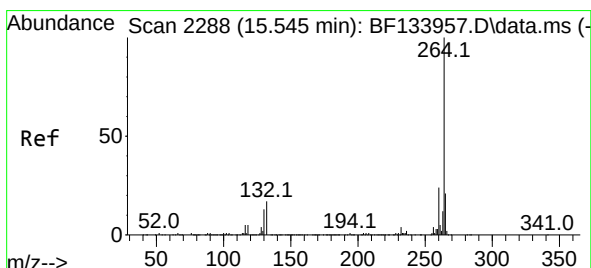
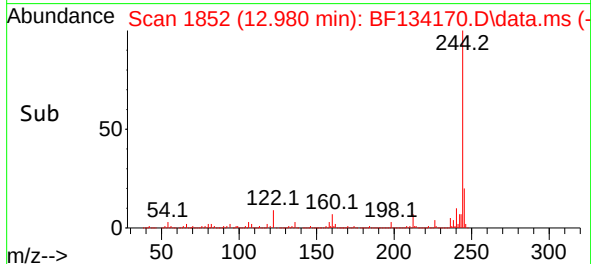
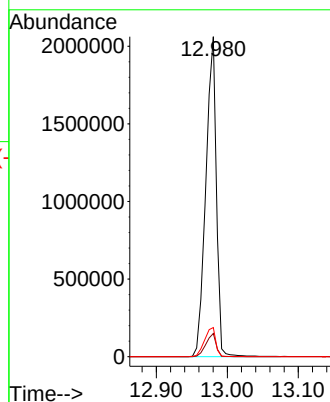
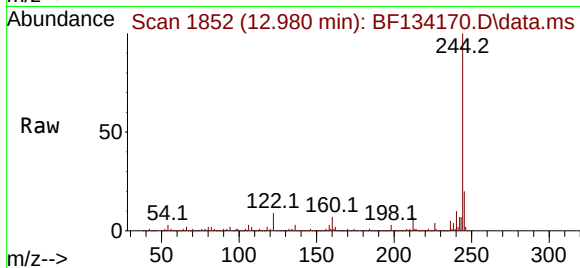
Tgt Ion:244 Resp: 2136332

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 9.1 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: BF134170.D

Acq: 09 Jul 2023 04:29

Tgt Ion:264 Resp: 301950

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 20.9 16.6 25.0

