

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072223\
 Data File : BF134423.D
 Acq On : 22 Jul 2023 15:36
 Operator : CG\JU
 Sample : 03607-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-2

Quant Time: Jul 23 04:42:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	74740	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	243252	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	121308	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	235357	20.000	ng	0.00
76) Chrysene-d12	14.033	240	170701	20.000	ng	0.00
86) Perylene-d12	15.539	264	156732	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	228180	51.069	ng	0.00
7) Phenol-d6	6.475	99	278935	50.763	ng	-0.01
23) Nitrobenzene-d5	7.398	82	163472	36.226	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	91664	60.267	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	332591	39.861	ng	-0.01
79) Terphenyl-d14	12.969	244	382854	36.097	ng	0.00

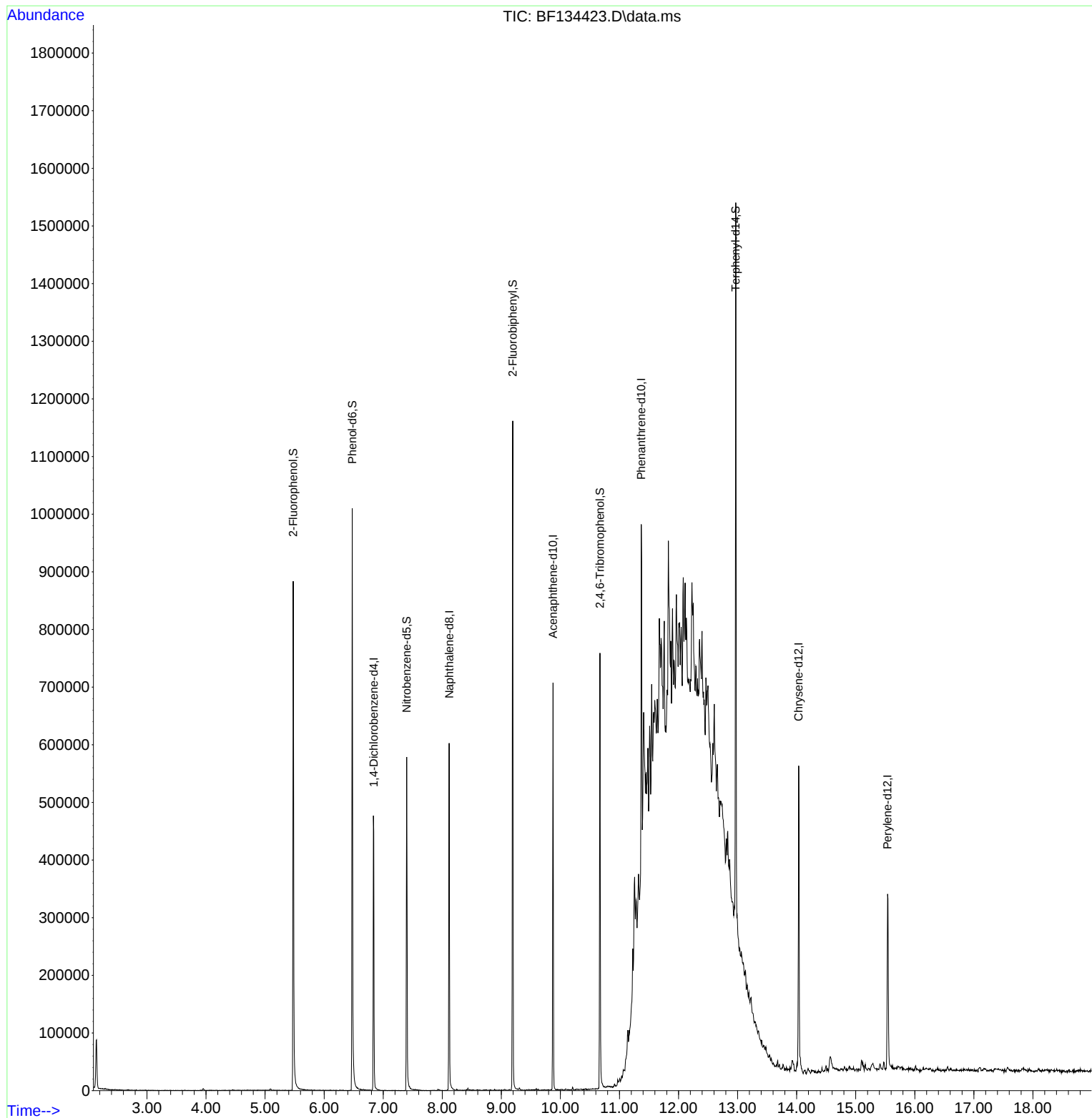
Target Compounds	Qvalue

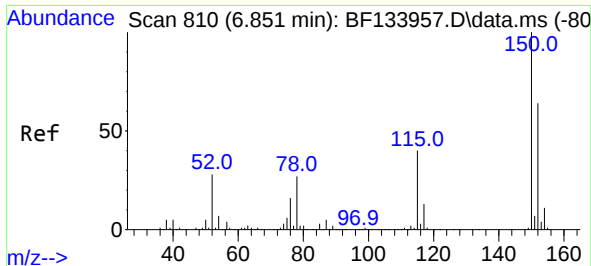
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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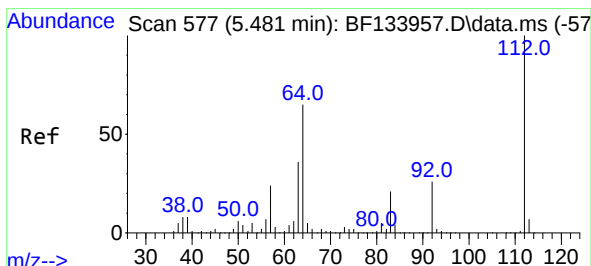
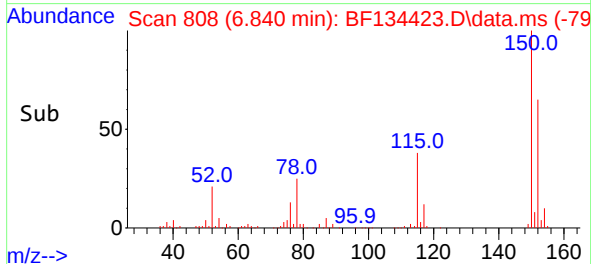
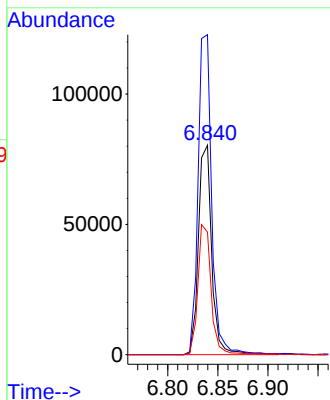
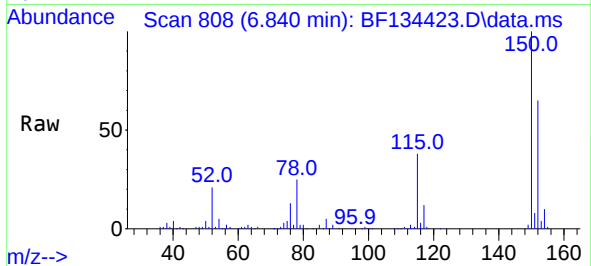




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134423.D
Acq: 22 Jul 2023 15:36

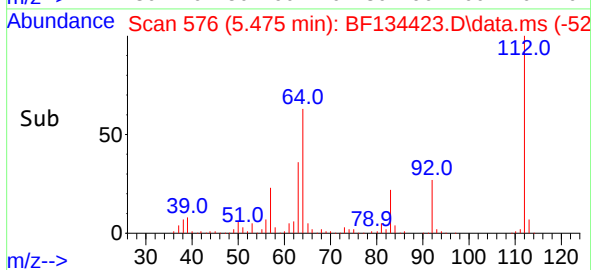
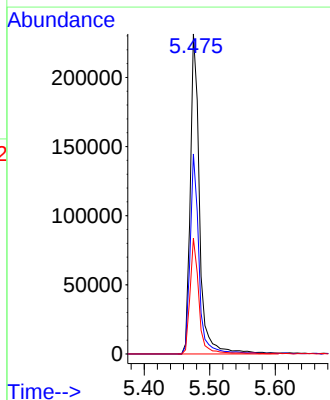
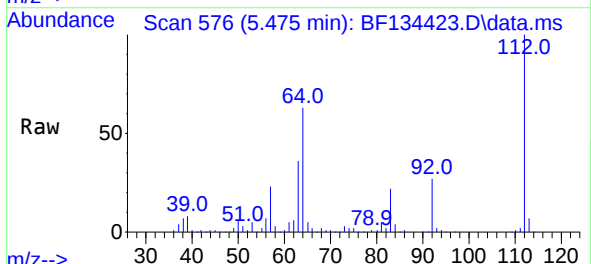
Instrument :
BNA_F
ClientSampleId :
SW-2

Tgt Ion:152 Resp: 74740
Ion Ratio Lower Upper
152 100
150 152.7 124.5 186.7
115 58.5 50.2 75.2

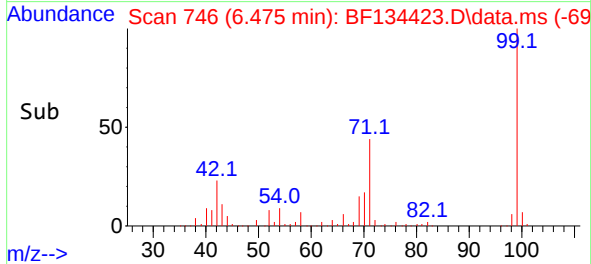
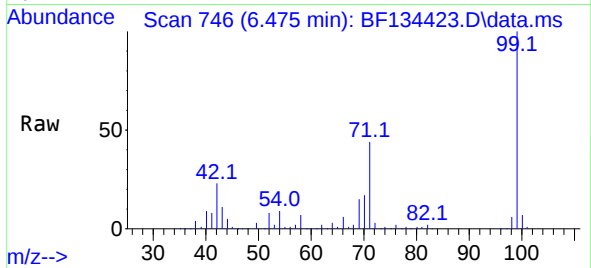
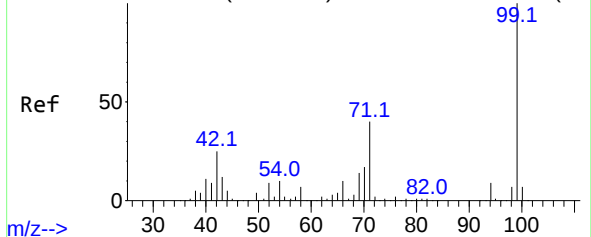


#5
2-Fluorophenol
Concen: 51.069 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF134423.D
Acq: 22 Jul 2023 15:36

Tgt Ion:112 Resp: 228180
Ion Ratio Lower Upper
112 100
64 62.5 52.1 78.1
63 36.2 28.6 42.8



Abundance Scan 749 (6.492 min): BF133957.D\data.ms (-74



#7

Phenol-d6

Concen: 50.763 ng

RT: 6.475 min Scan# 74

Delta R.T. -0.012 min

Lab File: BF134423.D

Acq: 22 Jul 2023 15:36

Instrument :

BNA_F

ClientSampleId :

SW-2

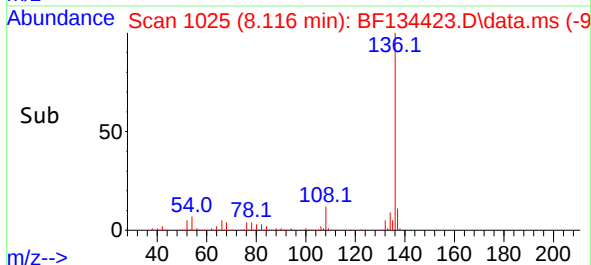
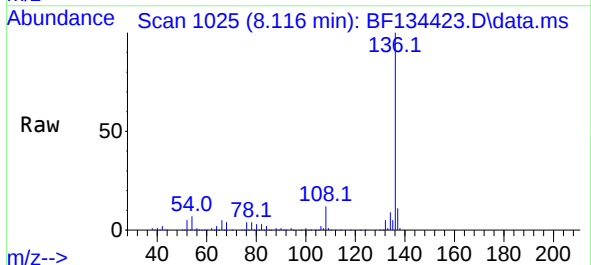
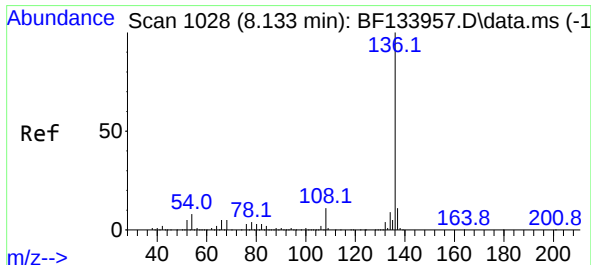
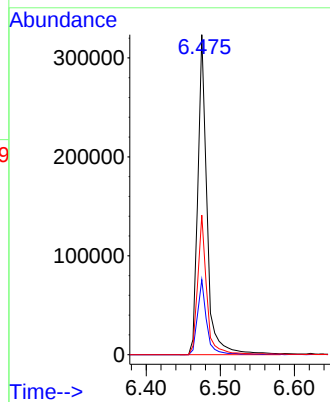
Tgt Ion: 99 Resp: 278935

Ion Ratio Lower Upper

99 100

42 23.5 19.8 29.6

71 43.6 31.9 47.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF134423.D

Acq: 22 Jul 2023 15:36

Tgt Ion:136 Resp: 243252

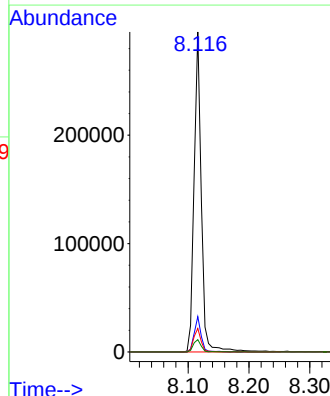
Ion Ratio Lower Upper

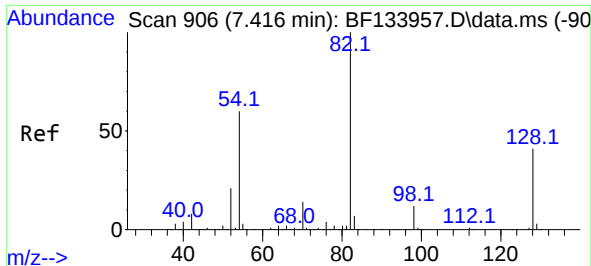
136 100

137 11.0 8.6 12.8

54 7.3 6.5 9.7

68 3.9 4.2 6.2#

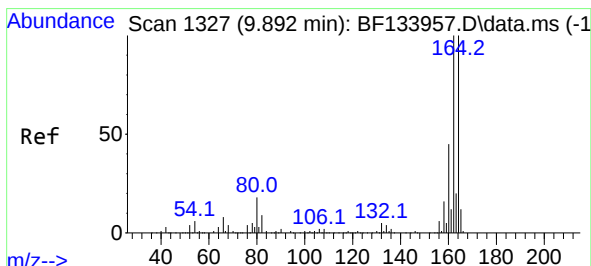
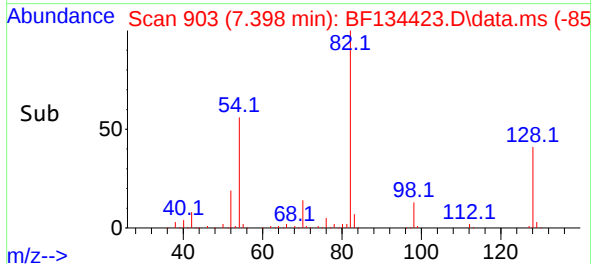
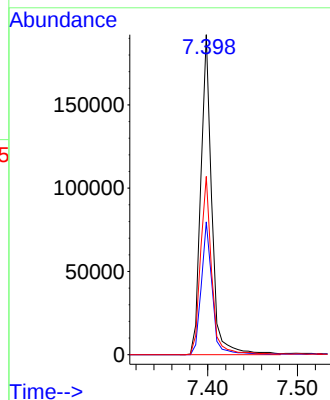
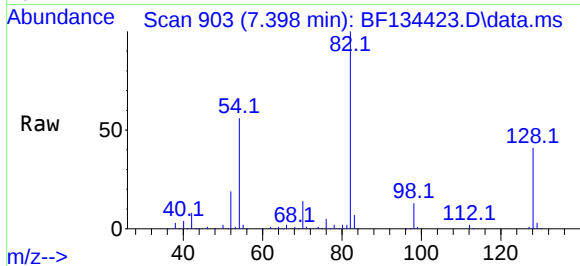




#23
Nitrobenzene-d5
Concen: 36.226 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF134423.D
Acq: 22 Jul 2023 15:36

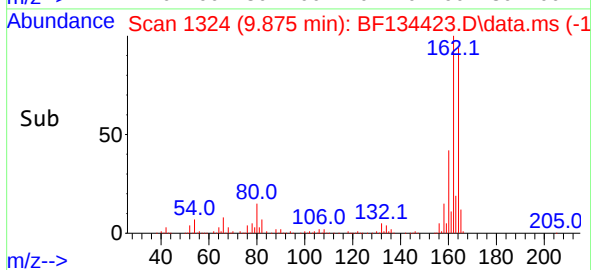
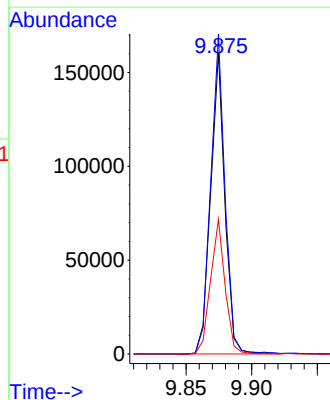
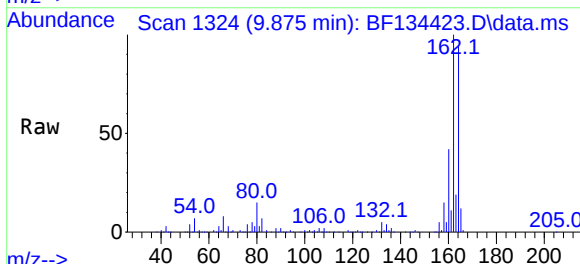
Instrument :
BNA_F
ClientSampleId :
SW-2

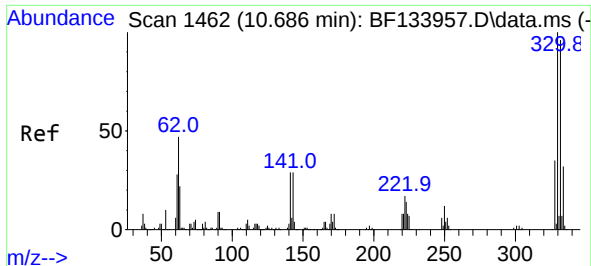
Tgt Ion: 82 Resp: 163472
Ion Ratio Lower Upper
82 100
128 41.5 32.5 48.7
54 55.7 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF134423.D
Acq: 22 Jul 2023 15:36

Tgt Ion: 164 Resp: 121308
Ion Ratio Lower Upper
164 100
162 106.2 80.0 120.0
160 44.7 35.9 53.9

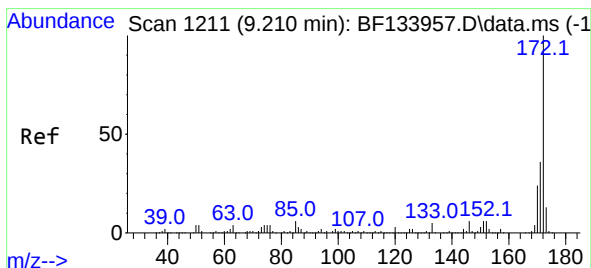
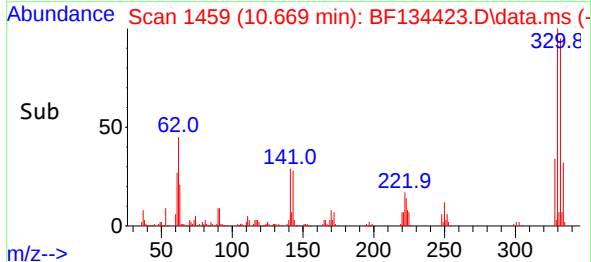
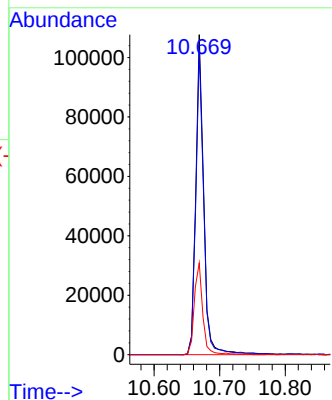
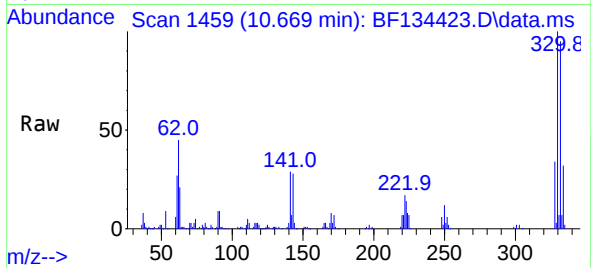




#42
2,4,6-Tribromophenol
Concen: 60.267 ng
RT: 10.669 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF134423.D
Acq: 22 Jul 2023 15:36

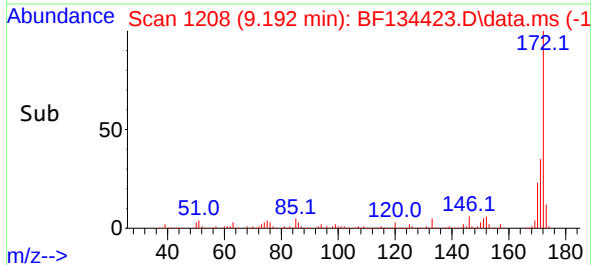
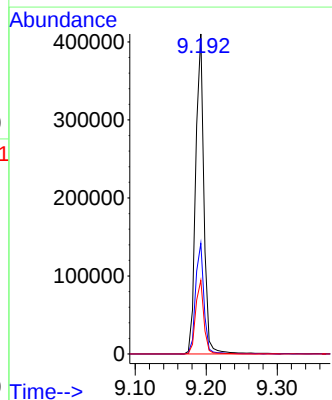
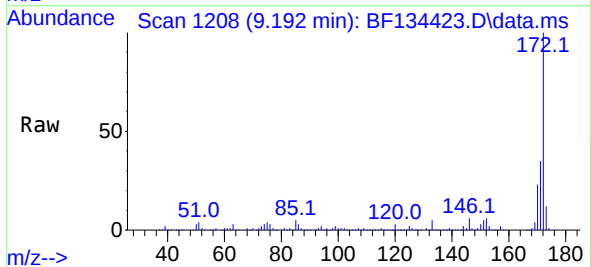
Instrument :
BNA_F
ClientSampleId :
SW-2

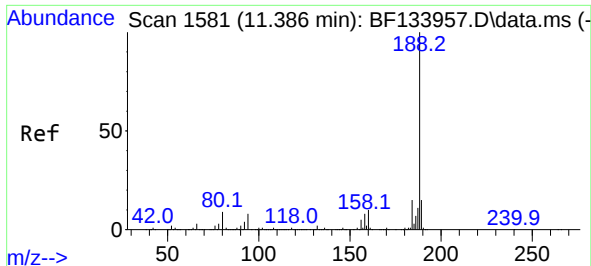
Tgt Ion:330 Resp: 91664
Ion Ratio Lower Upper
330 100
332 94.5 77.0 115.6
141 30.4 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 39.861 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF134423.D
Acq: 22 Jul 2023 15:36

Tgt Ion:172 Resp: 332591
Ion Ratio Lower Upper
172 100
171 34.6 28.6 43.0
170 23.0 19.4 29.0

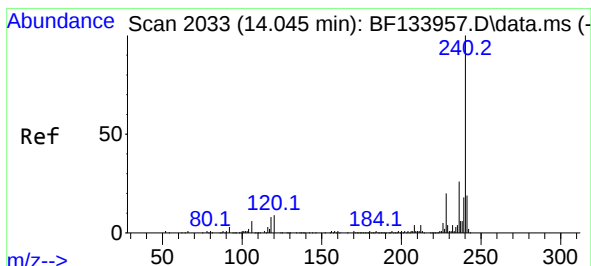
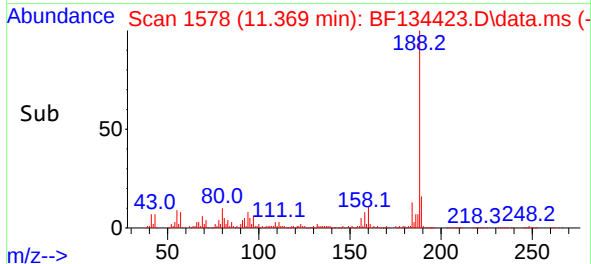
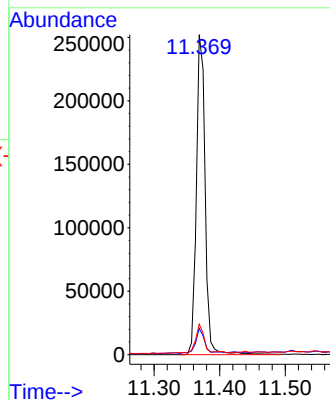
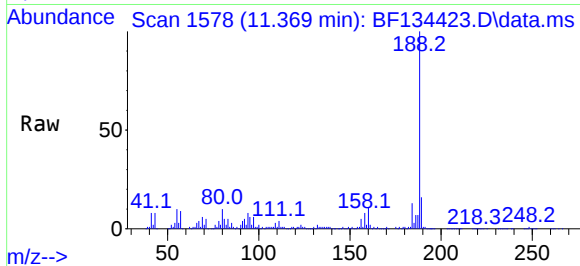




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134423.D
Acq: 22 Jul 2023 15:36

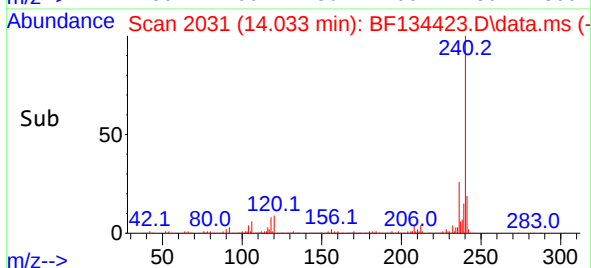
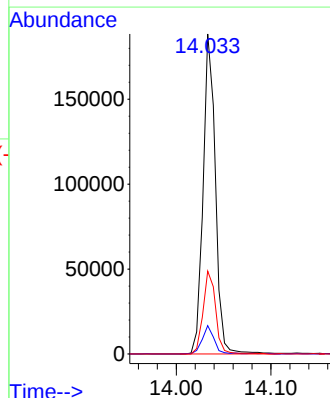
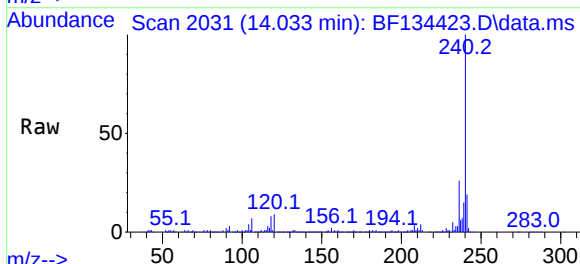
Instrument :
BNA_F
ClientSampleId :
SW-2

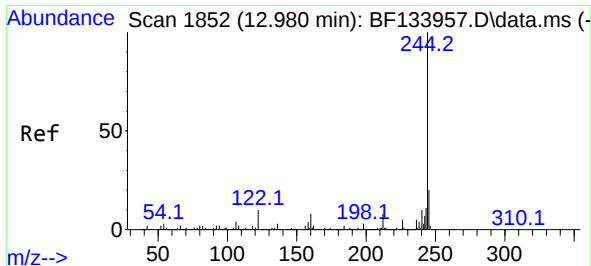
Tgt Ion:188 Resp: 235357
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 9.6 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134423.D
Acq: 22 Jul 2023 15:36

Tgt Ion:240 Resp: 170701
Ion Ratio Lower Upper
240 100
120 8.9 7.4 11.0
236 25.9 21.0 31.6

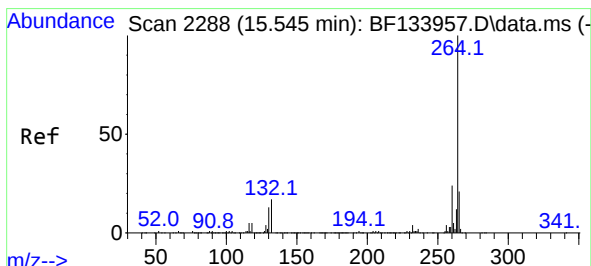
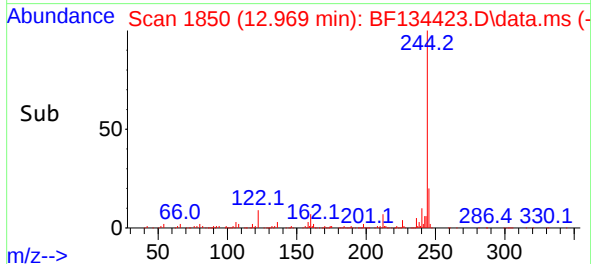
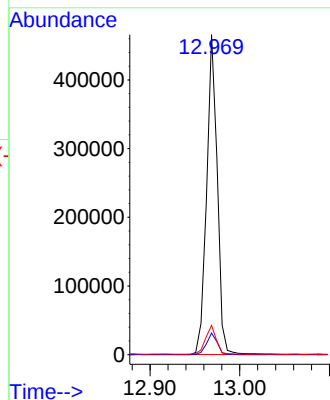
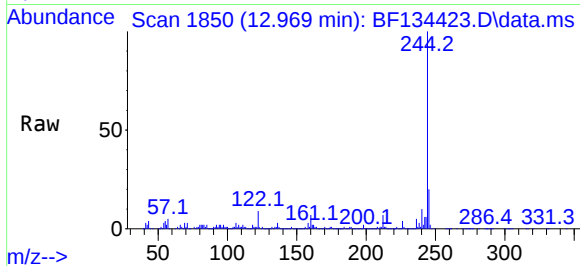




#79
 Terphenyl-d14
 Concen: 36.097 ng
 RT: 12.969 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF134423.D
 Acq: 22 Jul 2023 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SW-2

Tgt Ion:244 Resp: 382854
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 9.2 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: BF134423.D
 Acq: 22 Jul 2023 15:36

Tgt Ion:264 Resp: 156732
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.8 16.6 25.0

