

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134148.D
 Acq On : 08 Jul 2023 14:55
 Operator : CG\JU
 Sample : 03523-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WALDWICK-COMP

Quant Time: Jul 09 00:37:11 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	159060	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	590041	20.000	ng	-0.01
39) Acenaphthene-d10	9.886	164	299951	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	639482	20.000	ng	0.00
76) Chrysene-d12	14.039	240	393138	20.000	ng	-0.01
86) Perylene-d12	15.545	264	339803	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	747538	78.615	ng	0.00
7) Phenol-d6	6.486	99	1004709	85.917	ng	0.00
23) Nitrobenzene-d5	7.410	82	672987	61.483	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	359061	95.475	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1214006	58.844	ng	0.00
79) Terphenyl-d14	12.980	244	1367131	55.967	ng	0.00

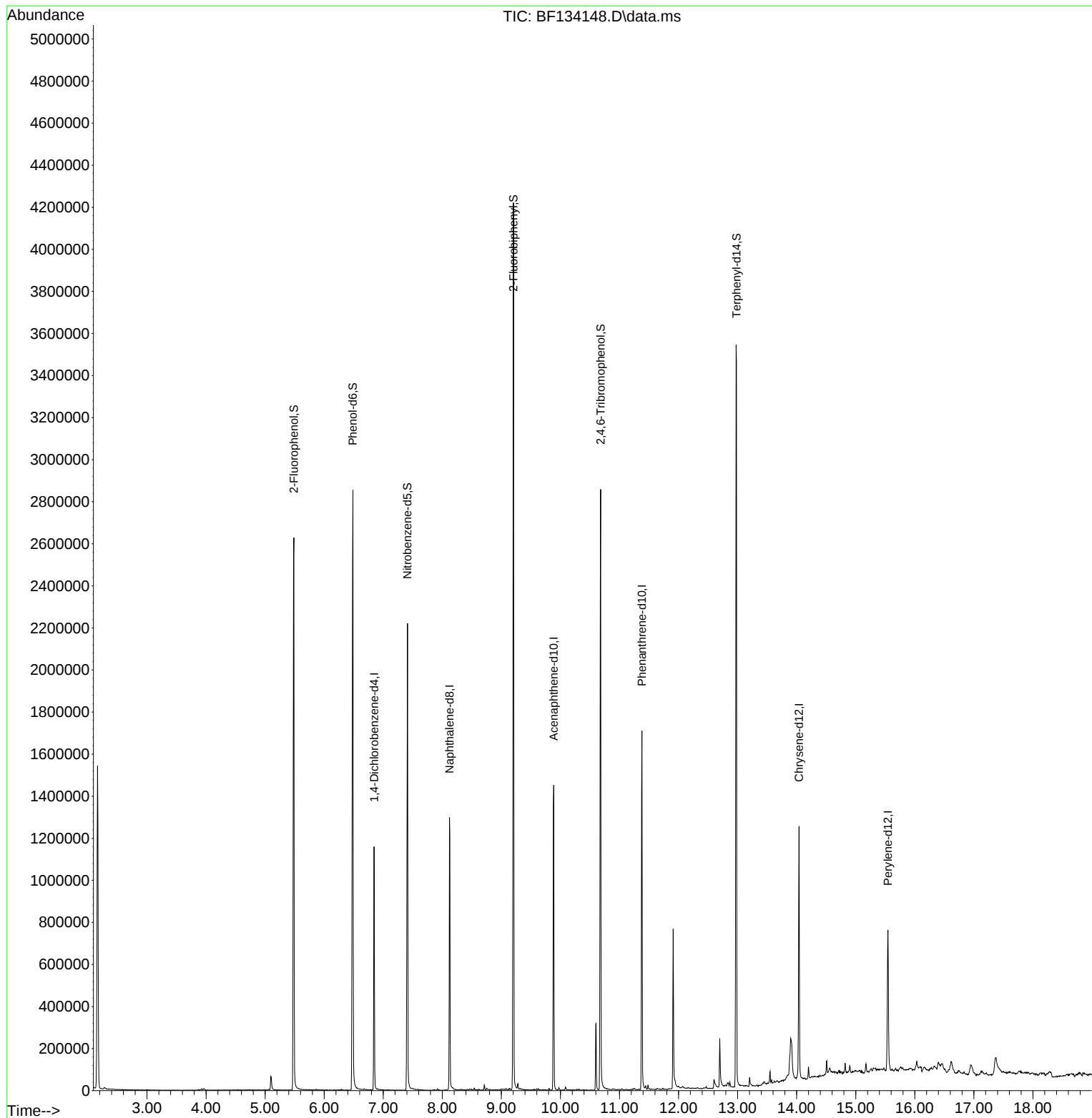
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
Data File : BF134148.D
Acq On : 08 Jul 2023 14:55
Operator : CG\JU
Sample : 03523-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WALDWICK-COMP

Quant Time: Jul 09 00:37:11 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

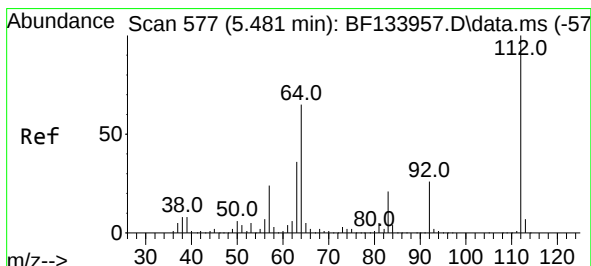
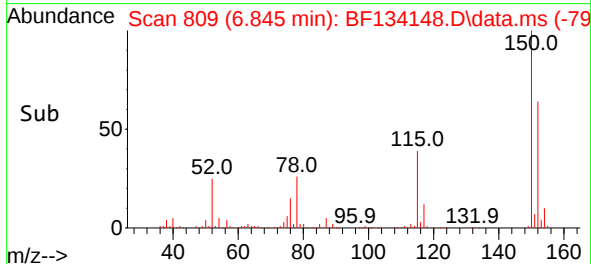
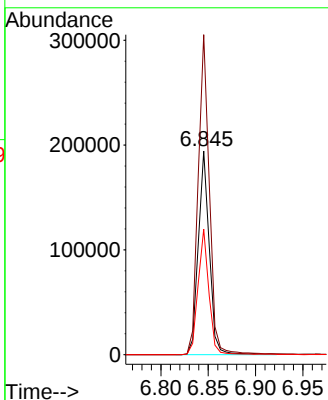
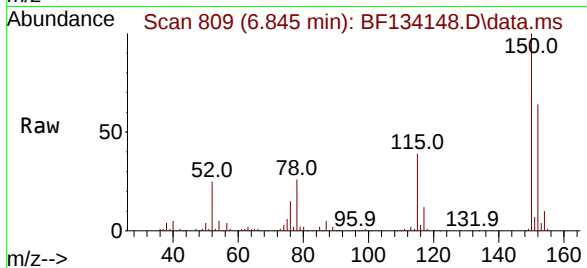




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF134148.D
Acq: 08 Jul 2023 14:55

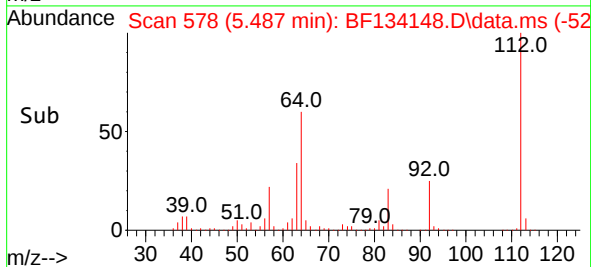
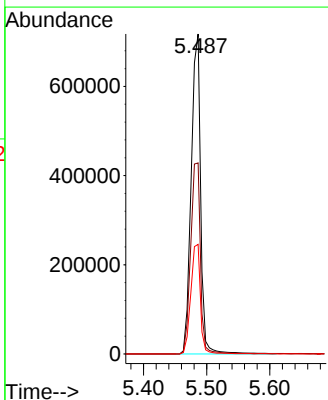
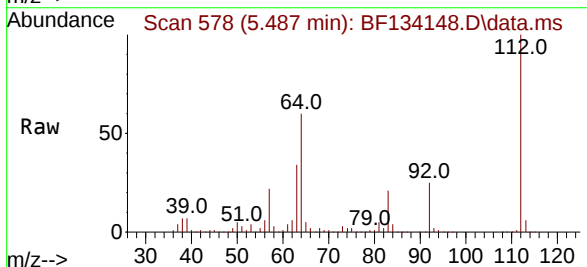
Instrument :
BNA_F
ClientSampleId :
WALDWICK-COMP

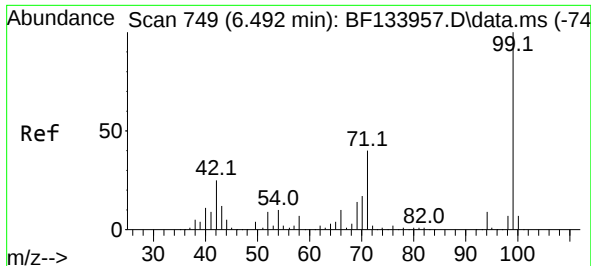
Tgt Ion:152 Resp: 159060
Ion Ratio Lower Upper
152 100
150 157.1 124.5 186.7
115 61.7 50.2 75.2



#5
2-Fluorophenol
Concen: 78.615 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.000 min
Lab File: BF134148.D
Acq: 08 Jul 2023 14:55

Tgt Ion:112 Resp: 747538
Ion Ratio Lower Upper
112 100
64 59.7 52.1 78.1
63 34.3 28.6 42.8





#7

Phenol-d6

Concen: 85.917 ng

RT: 6.486 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF134148.D

Acq: 08 Jul 2023 14:55

Instrument :

BNA_F

ClientSampleId :

WALDWICK-COMP

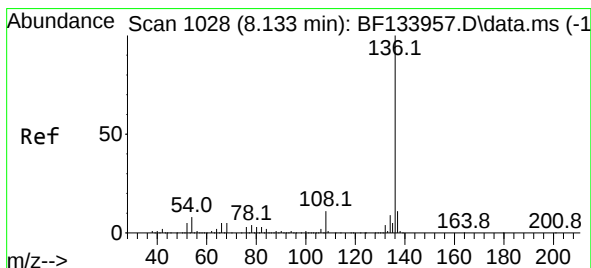
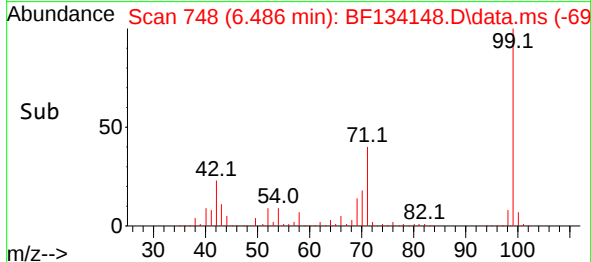
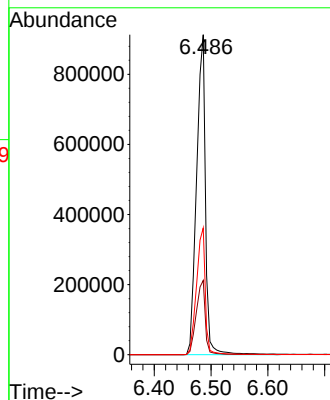
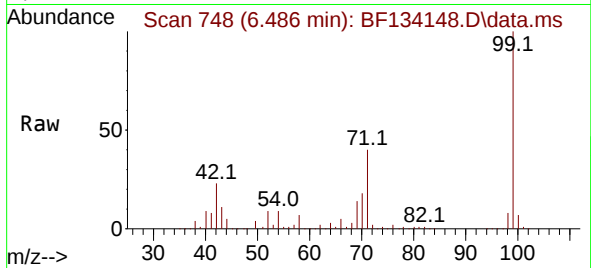
Tgt Ion: 99 Resp: 1004709

Ion Ratio Lower Upper

99 100

42 23.2 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. -0.012 min

Lab File: BF134148.D

Acq: 08 Jul 2023 14:55

Tgt Ion: 136 Resp: 590041

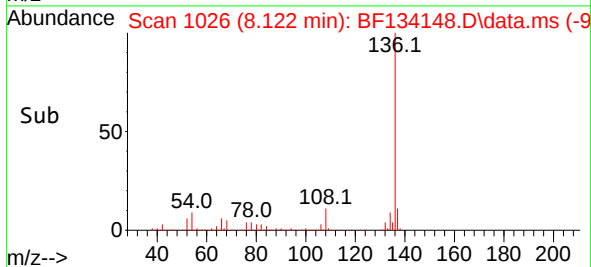
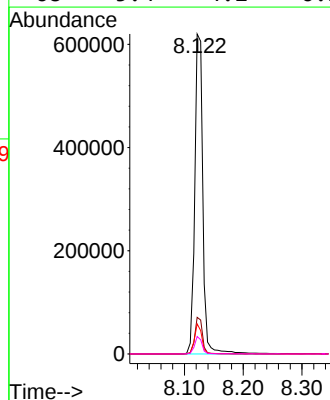
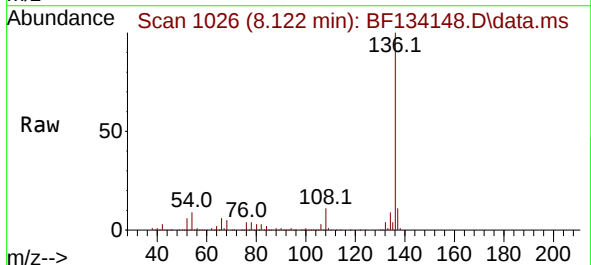
Ion Ratio Lower Upper

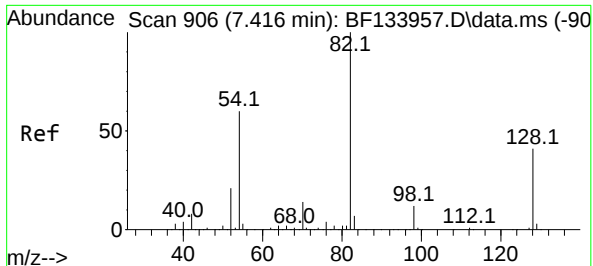
136 100

137 11.5 8.6 12.8

54 9.4 6.5 9.7

68 5.4 4.2 6.2





#23

Nitrobenzene-d5

Concen: 61.483 ng

RT: 7.410 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF134148.D

Acq: 08 Jul 2023 14:55

Instrument :

BNA_F

ClientSampleId :

WALDWICK-COMP

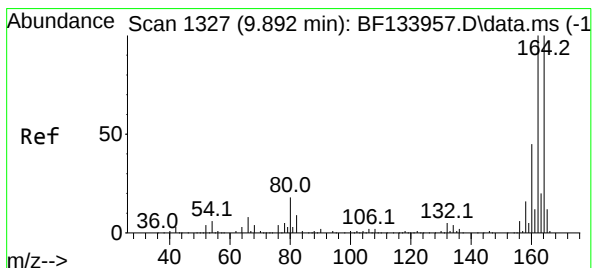
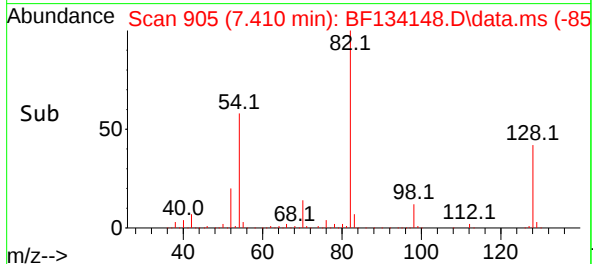
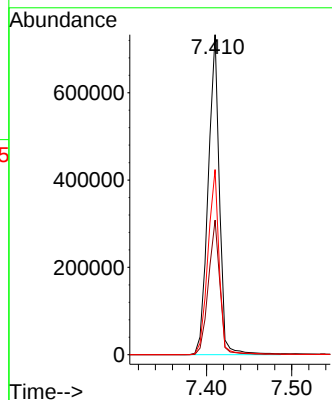
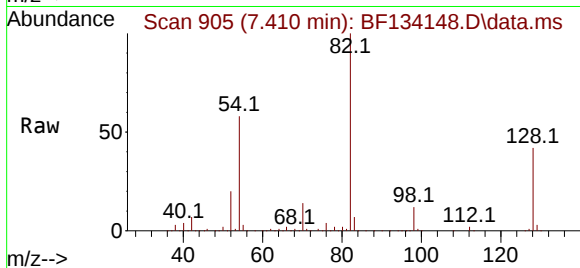
Tgt Ion: 82 Resp: 672987

Ion Ratio Lower Upper

82 100

128 42.0 32.5 48.7

54 57.9 48.2 72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1326

Delta R.T. -0.006 min

Lab File: BF134148.D

Acq: 08 Jul 2023 14:55

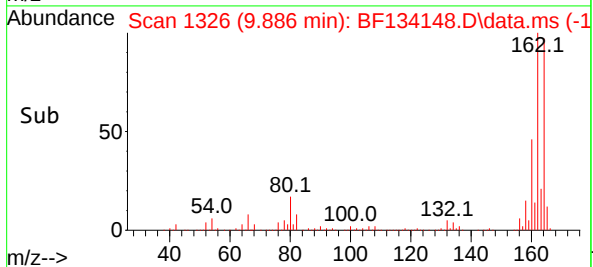
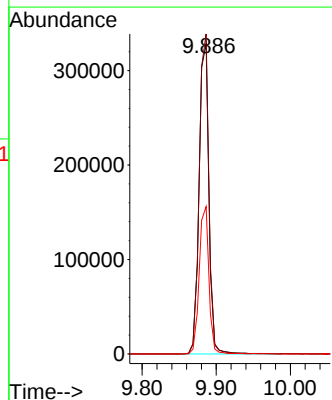
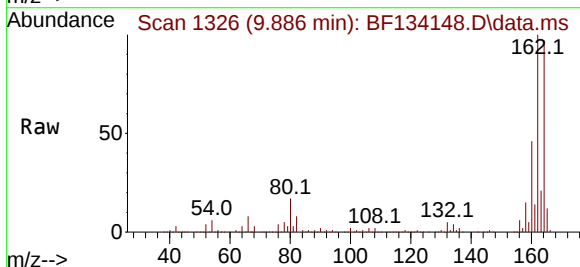
Tgt Ion:164 Resp: 299951

Ion Ratio Lower Upper

164 100

162 103.1 80.0 120.0

160 47.5 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 95.475 ng

RT: 10.680 min Scan# 1461

Delta R.T. -0.006 min

Lab File: BF134148.D

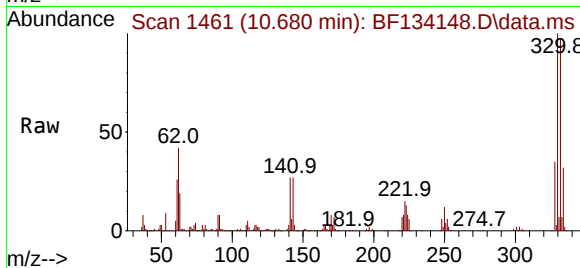
Acq: 08 Jul 2023 14:55

Instrument :

BNA_F

ClientSampleId :

WALDWICK-COMP



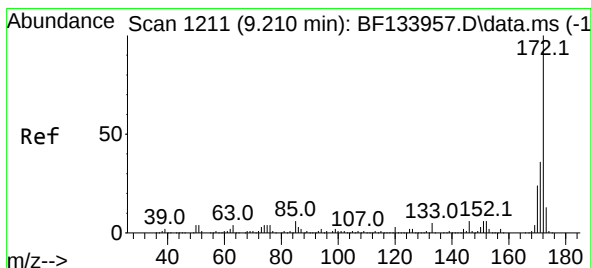
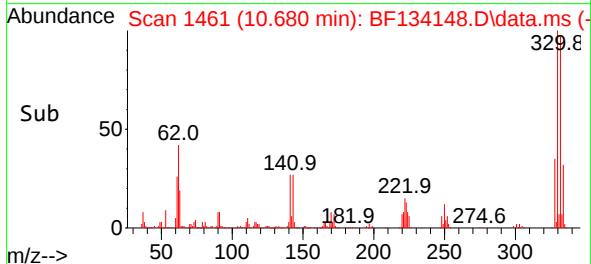
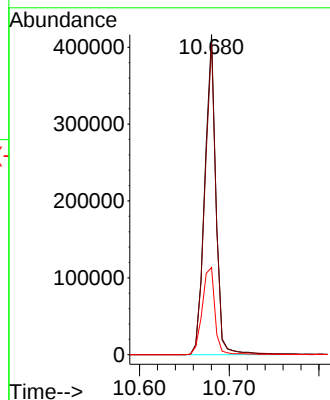
Tgt Ion:330 Resp: 359061

Ion Ratio Lower Upper

330 100

332 97.6 77.0 115.6

141 31.1 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 58.844 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF134148.D

Acq: 08 Jul 2023 14:55

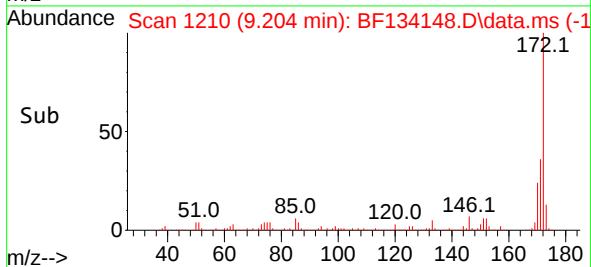
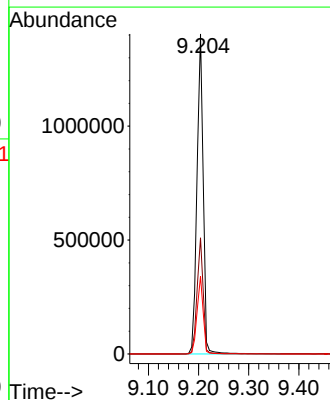
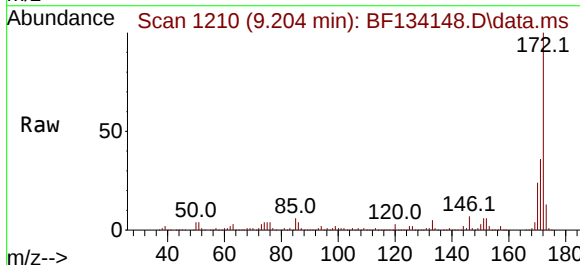
Tgt Ion:172 Resp: 1214006

Ion Ratio Lower Upper

172 100

171 36.3 28.6 43.0

170 24.3 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134148.D

Acq: 08 Jul 2023 14:55

Instrument :

BNA_F

ClientSampleId :

WALDWICK-COMP

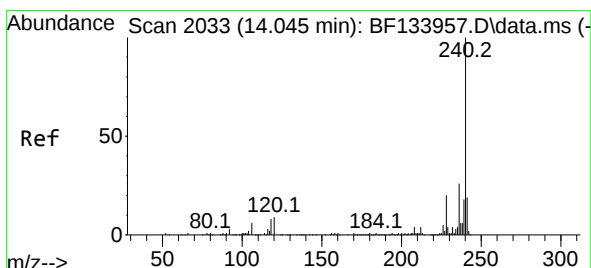
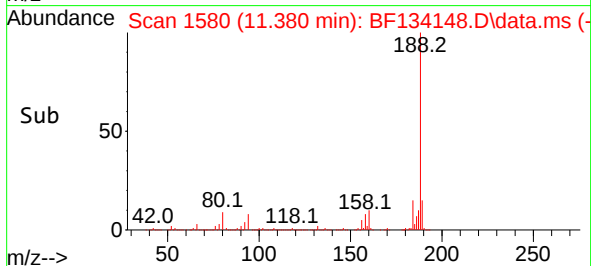
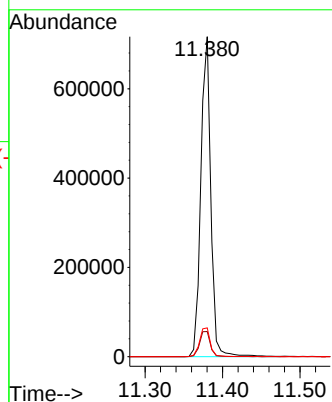
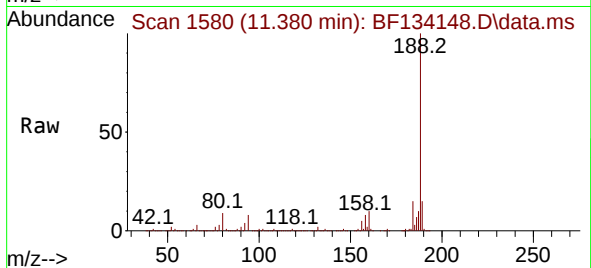
Tgt Ion:188 Resp: 639482

Ion Ratio Lower Upper

188 100

94 7.9 6.4 9.6

80 9.0 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF134148.D

Acq: 08 Jul 2023 14:55

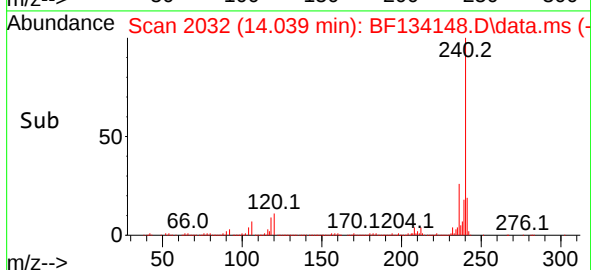
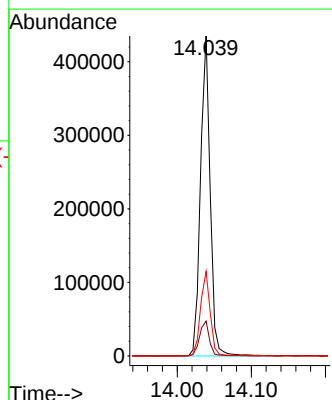
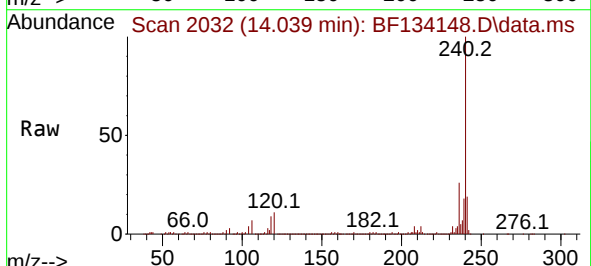
Tgt Ion:240 Resp: 393138

Ion Ratio Lower Upper

240 100

120 10.9 7.4 11.0

236 26.4 21.0 31.6

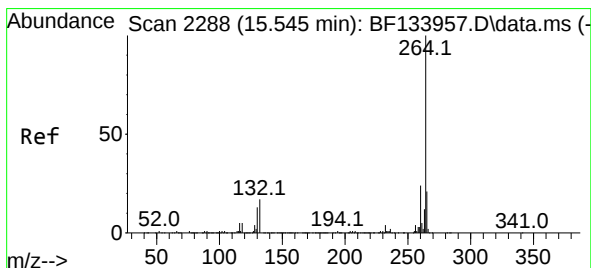
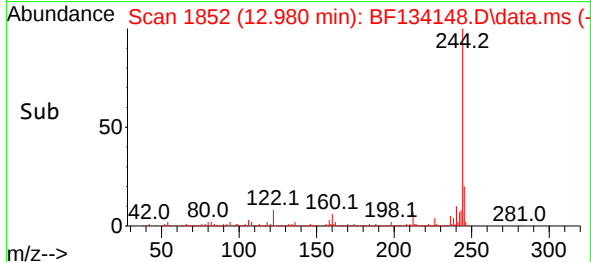
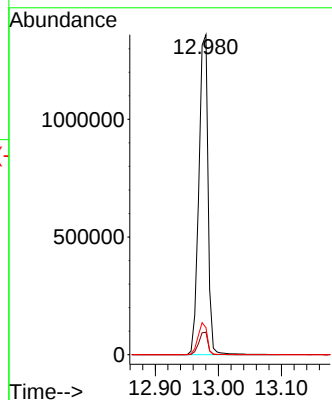
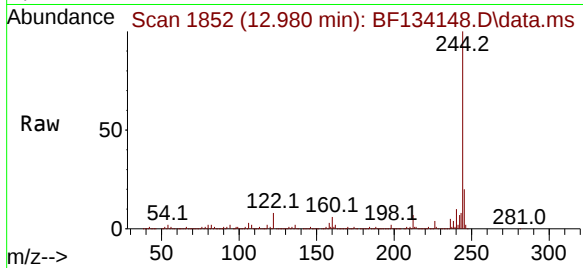




#79
 Terphenyl-d14
 Concen: 55.967 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF134148.D
 Acq: 08 Jul 2023 14:55

Instrument :
 BNA_F
 ClientSampleId :
 WALDWICK-COMP

Tgt Ion:244 Resp: 1367131
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 8.4 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. -0.006 min
 Lab File: BF134148.D
 Acq: 08 Jul 2023 14:55

Tgt Ion:264 Resp: 339803
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 22.1 16.6 25.0

