

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
 Data File : BF134220.D
 Acq On : 11 Jul 2023 19:10
 Operator : CG\JU
 Sample : 03555-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-342

Quant Time: Jul 12 01:55:18 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	98103	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	391568	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	200735	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	404622	20.000	ng	0.00
76) Chrysene-d12	14.033	240	240283	20.000	ng	0.00
86) Perylene-d12	15.539	264	213082	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	111868	19.075	ng	0.00
7) Phenol-d6	6.475	99	351260	48.702	ng	-0.01
23) Nitrobenzene-d5	7.404	82	463402	63.794	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	10049	3.993	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	927796	67.199	ng	0.00
79) Terphenyl-d14	12.974	244	1143437	76.588	ng	0.00

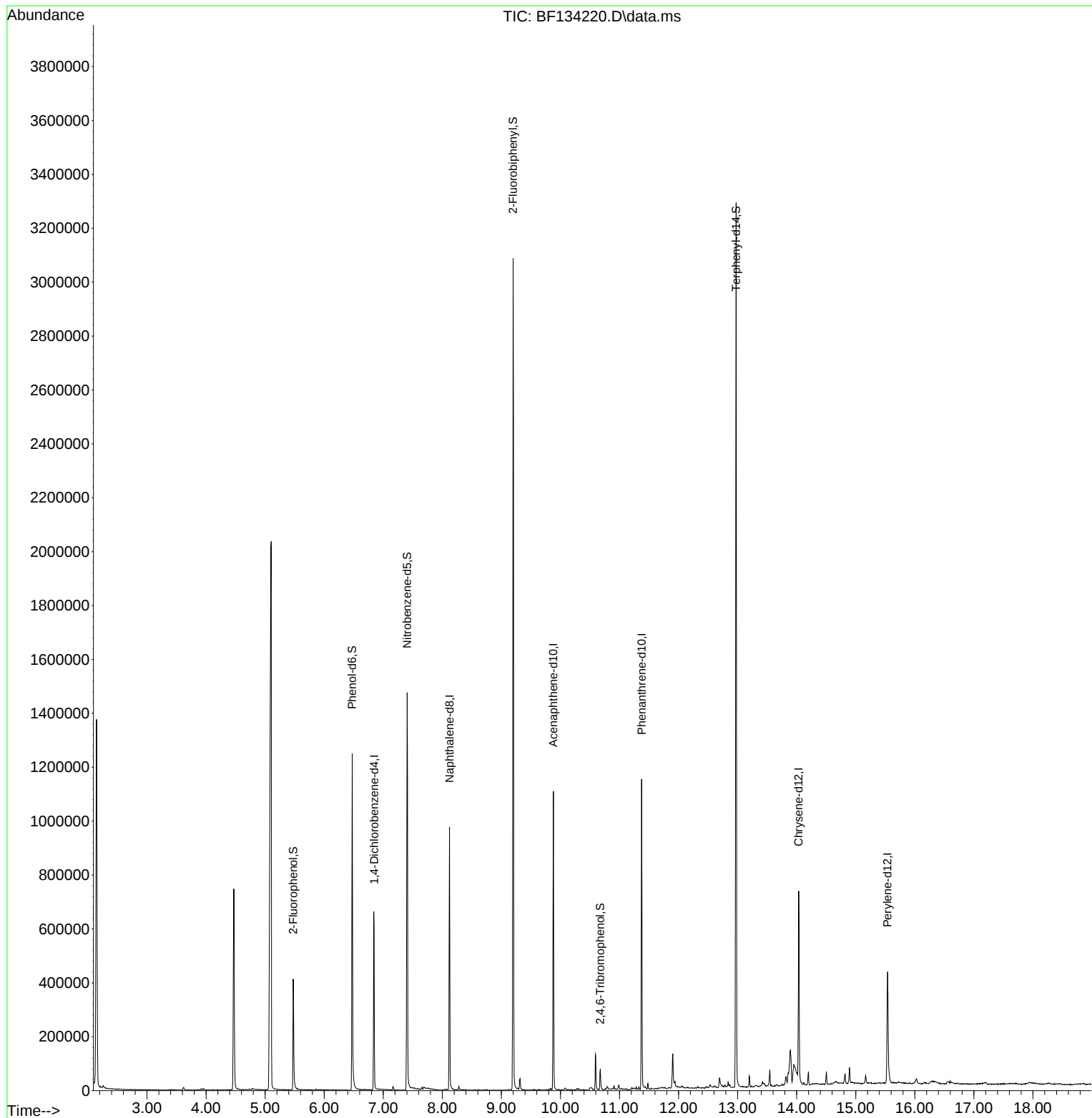
Target Compounds	Qvalue

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

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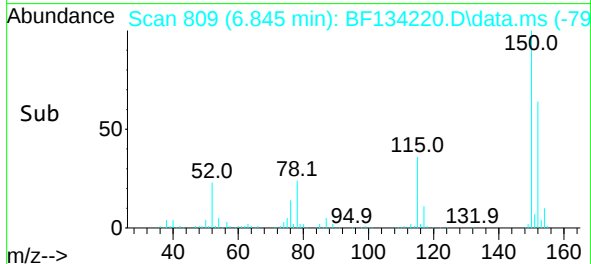
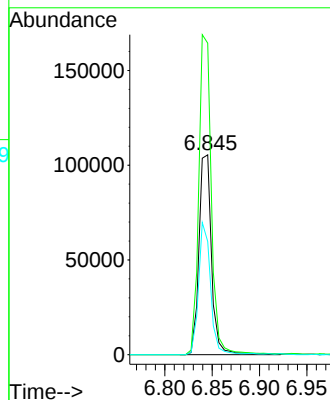
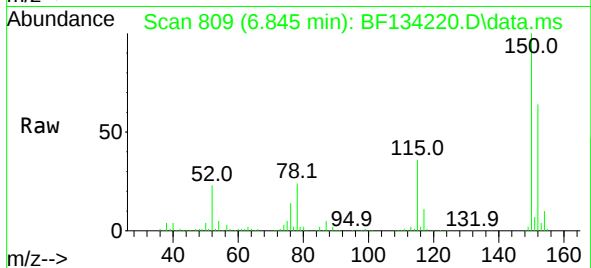




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF134220.D
Acq: 11 Jul 2023 19:10

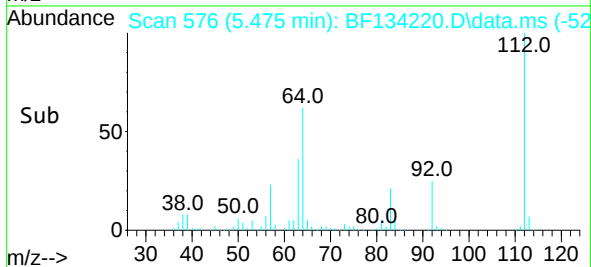
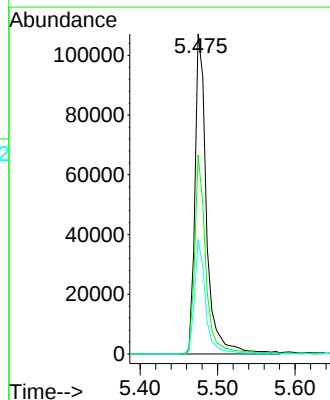
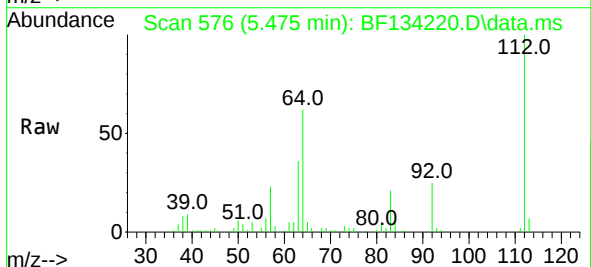
Instrument :
BNA_F
ClientSampleId :
ETGI-342

Tgt Ion:152 Resp: 98103
Ion Ratio Lower Upper
152 100
150 155.9 124.5 186.7
115 56.6 50.2 75.2



#5
2-Fluorophenol
Concen: 19.075 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.000 min
Lab File: BF134220.D
Acq: 11 Jul 2023 19:10

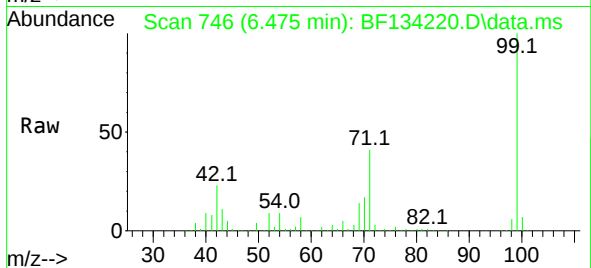
Tgt Ion:112 Resp: 111868
Ion Ratio Lower Upper
112 100
64 62.1 52.1 78.1
63 35.6 28.6 42.8





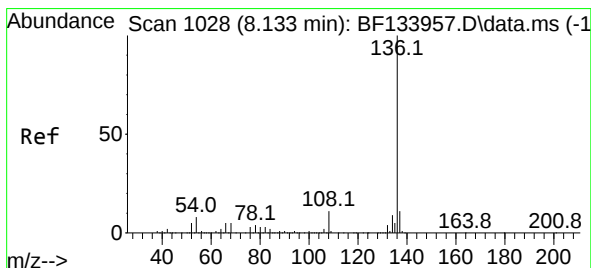
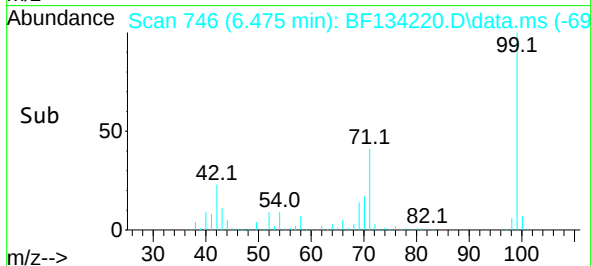
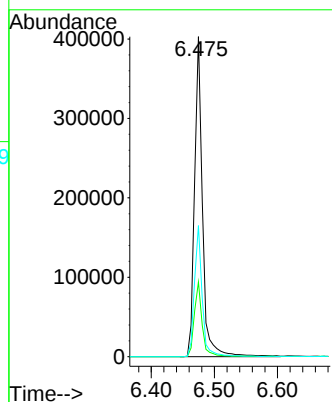
#7
Phenol-d6
Concen: 48.702 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134220.D
Acq: 11 Jul 2023 19:10

Instrument :
BNA_F
ClientSampleId :
ETGI-342



Tgt Ion: 99 Resp: 351260

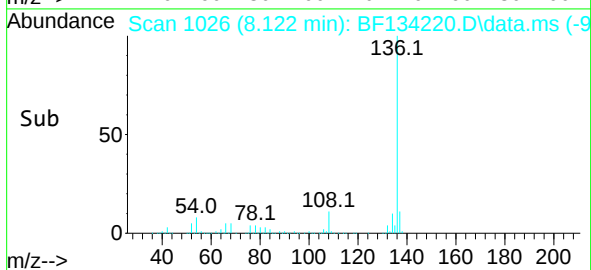
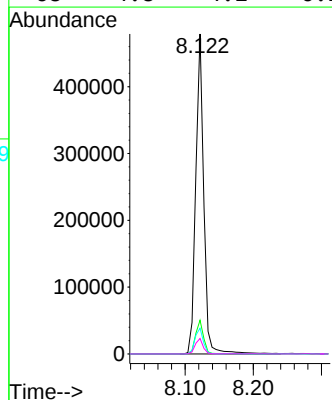
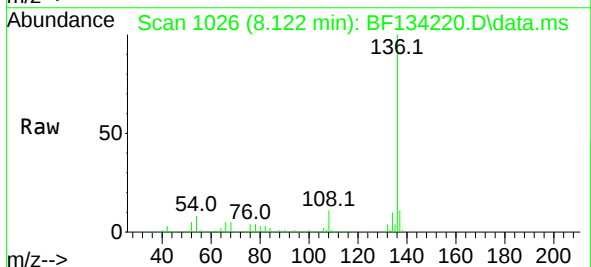
Ion	Ratio	Lower	Upper
99	100		
42	23.3	19.8	29.6
71	40.9	31.9	47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134220.D
Acq: 11 Jul 2023 19:10

Tgt Ion: 136 Resp: 391568

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	8.0	6.5	9.7
68	4.8	4.2	6.2





#23

Nitrobenzene-d5

Concen: 63.794 ng

RT: 7.404 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF134220.D

Acq: 11 Jul 2023 19:10

Instrument :

BNA_F

ClientSampleId :

ETGI-342

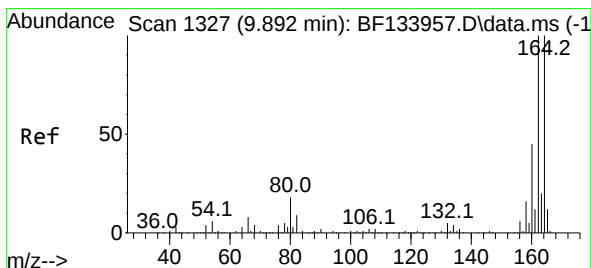
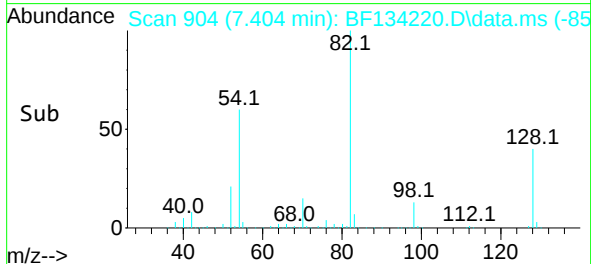
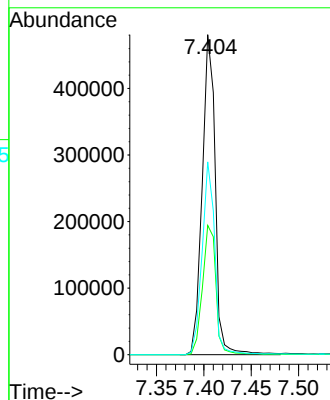
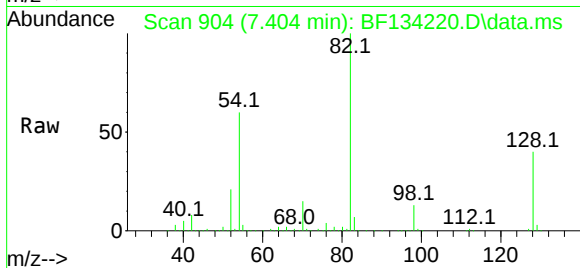
Tgt Ion: 82 Resp: 463402

Ion Ratio Lower Upper

82 100

128 40.4 32.5 48.7

54 60.2 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: BF134220.D

Acq: 11 Jul 2023 19:10

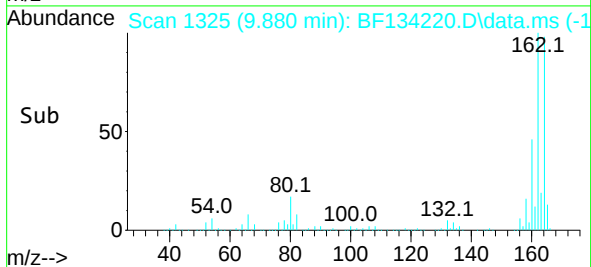
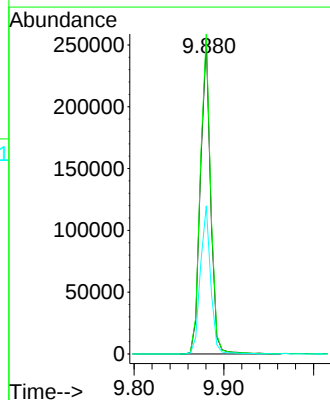
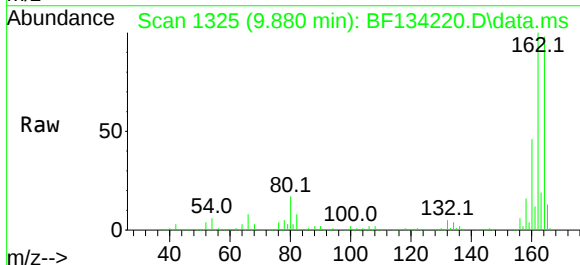
Tgt Ion:164 Resp: 200735

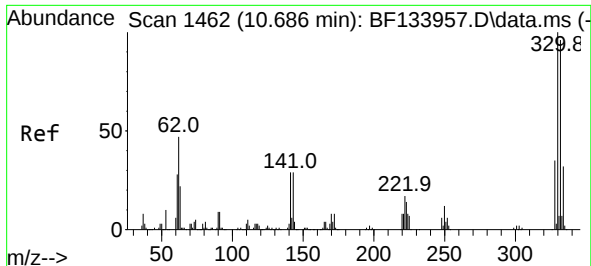
Ion Ratio Lower Upper

164 100

162 101.9 80.0 120.0

160 47.2 35.9 53.9

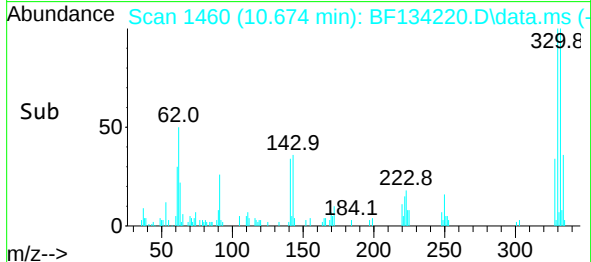
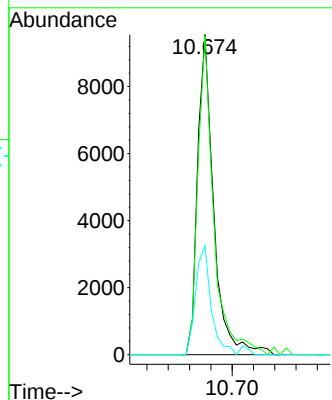
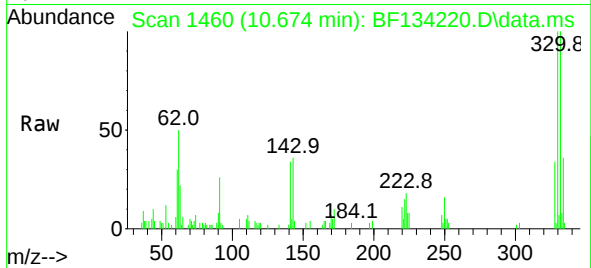




#42
2,4,6-Tribromophenol
Concen: 3.993 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134220.D
Acq: 11 Jul 2023 19:10

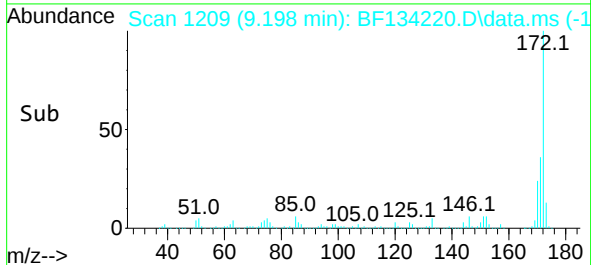
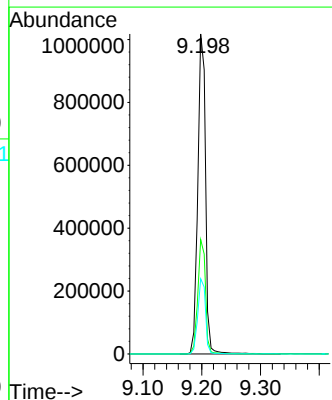
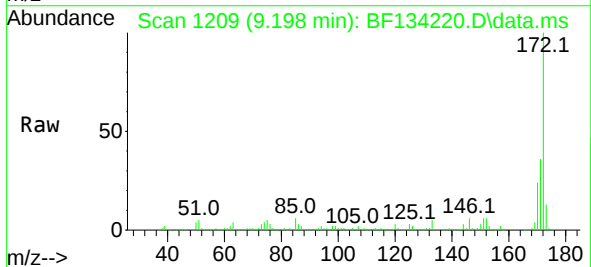
Instrument :
BNA_F
ClientSampleId :
ETGI-342

Tgt Ion:330 Resp: 10049
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.6
141 32.7 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 67.199 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134220.D
Acq: 11 Jul 2023 19:10

Tgt Ion:172 Resp: 927796
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.5 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134220.D

Acq: 11 Jul 2023 19:10

Instrument :

BNA_F

ClientSampleId :

ETGI-342

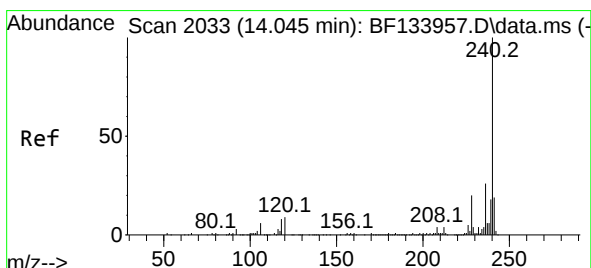
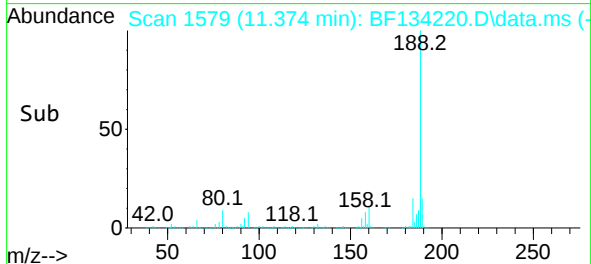
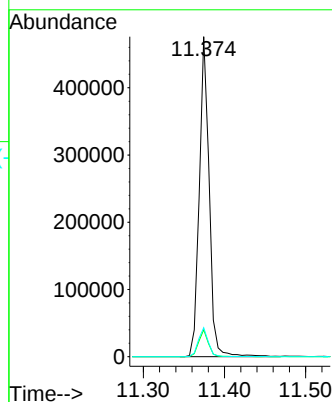
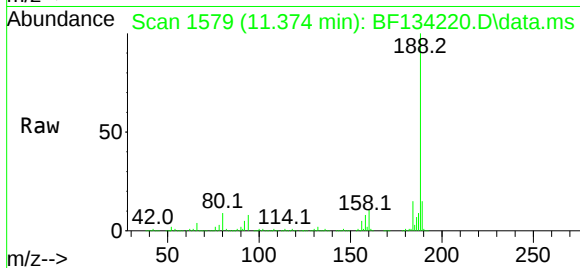
Tgt Ion:188 Resp: 404622

Ion Ratio Lower Upper

188 100

94 8.4 6.4 9.6

80 9.1 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: BF134220.D

Acq: 11 Jul 2023 19:10

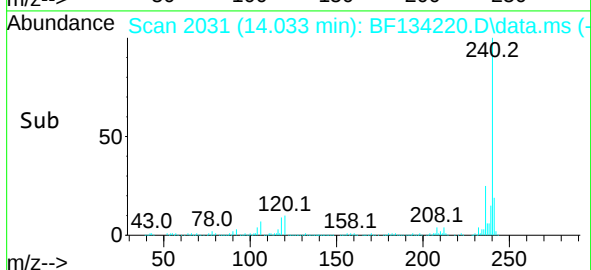
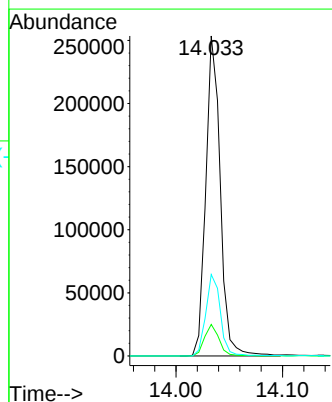
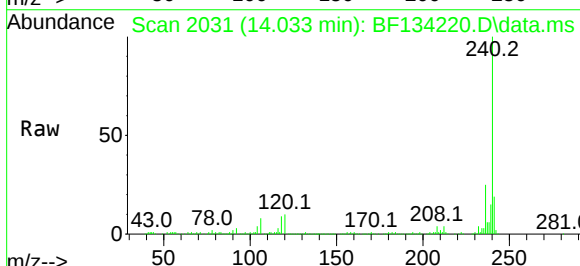
Tgt Ion:240 Resp: 240283

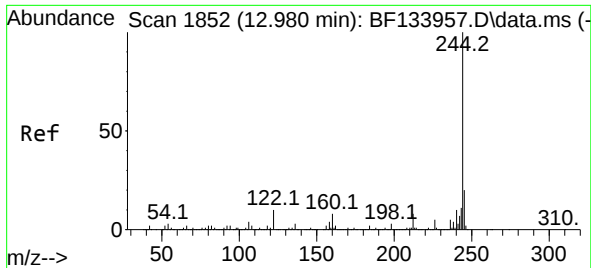
Ion Ratio Lower Upper

240 100

120 9.9 7.4 11.0

236 25.5 21.0 31.6

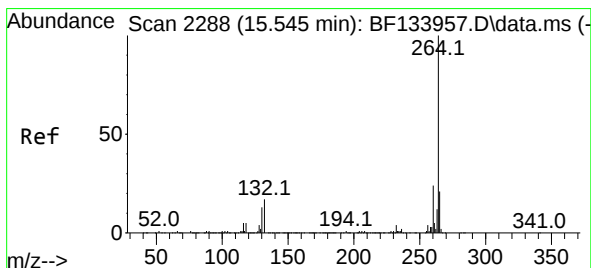
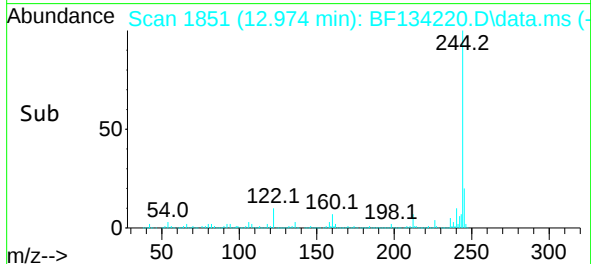
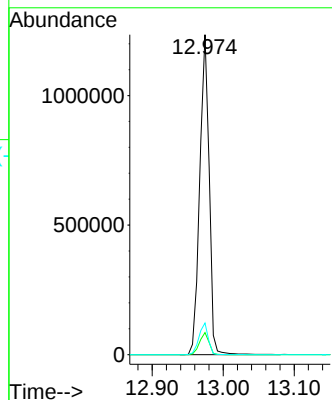
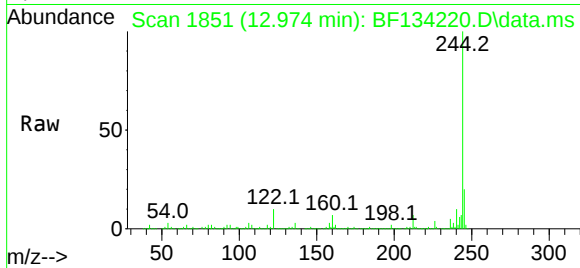




#79
 Terphenyl-d14
 Concen: 76.588 ng
 RT: 12.974 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF134220.D
 Acq: 11 Jul 2023 19:10

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-342

Tgt Ion:244 Resp: 1143437
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 9.9 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: BF134220.D
 Acq: 11 Jul 2023 19:10

Tgt Ion:264 Resp: 213082
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.8 16.6 25.0

