

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
 Data File : BF134243.D
 Acq On : 12 Jul 2023 12:53
 Operator : CG\JU
 Sample : 03555-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-369

Quant Time: Jul 12 15:12:18 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)

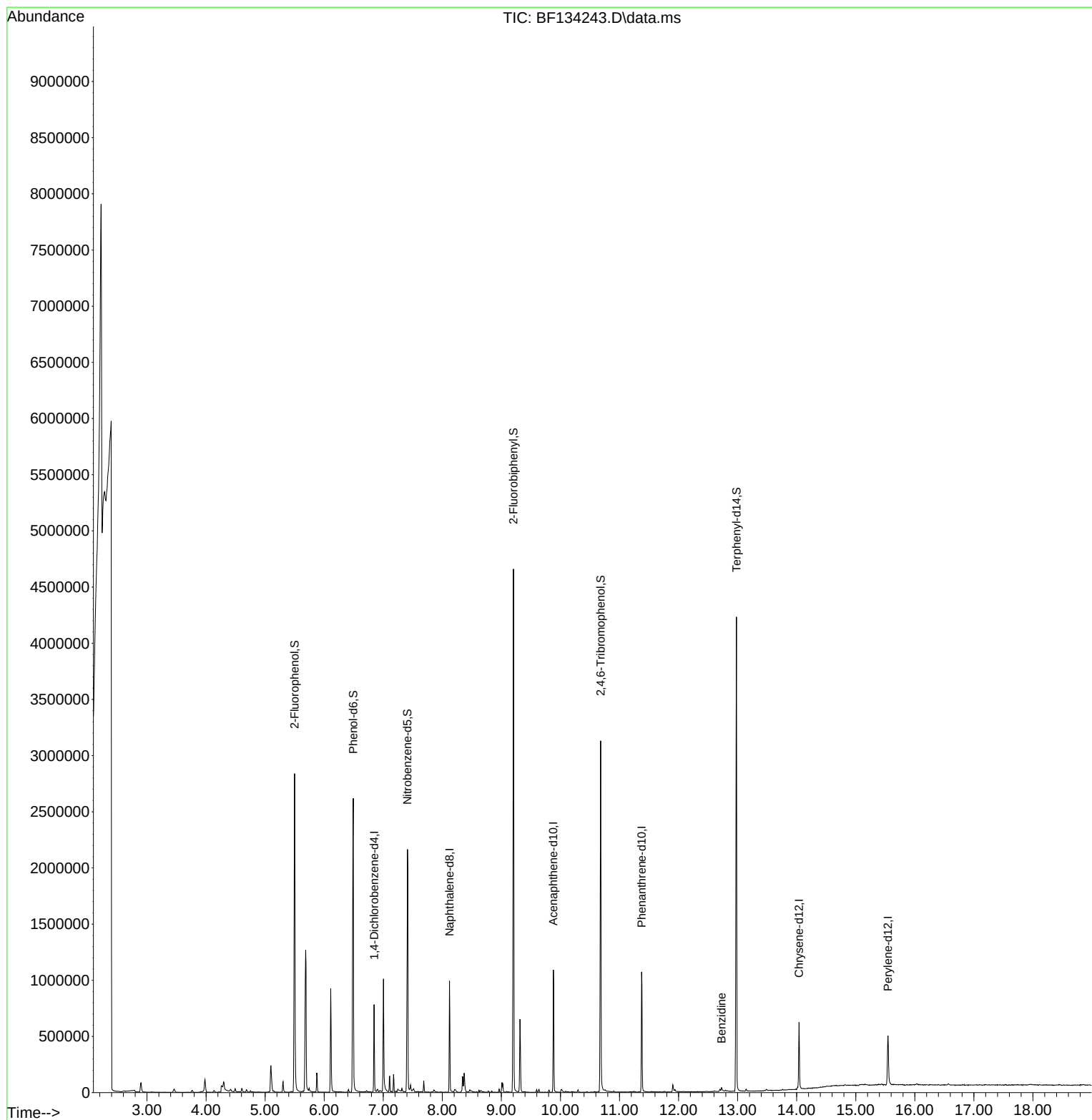
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	101726	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	401758	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	211979	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	415054	20.000	ng	0.00
76) Chrysene-d12	14.039	240	204149	20.000	ng	0.00
86) Perylene-d12	15.545	264	223652	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	815646	134.124	ng	0.02
7) Phenol-d6	6.492	99	875848	117.111	ng	0.00
23) Nitrobenzene-d5	7.410	82	755388	101.353	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	408148	153.567	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1392941	95.537	ng	0.00
79) Terphenyl-d14	12.980	244	1511277	119.142	ng	0.00
Target Compounds						
77) Benzidine	12.727	184	18008	3.707	ng	Qvalue 95

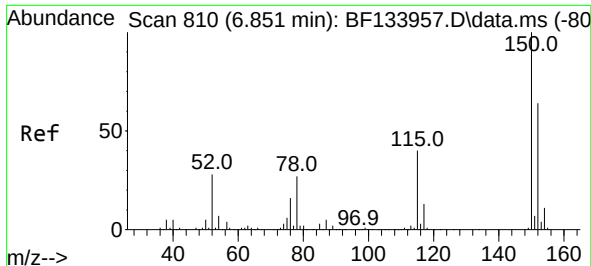
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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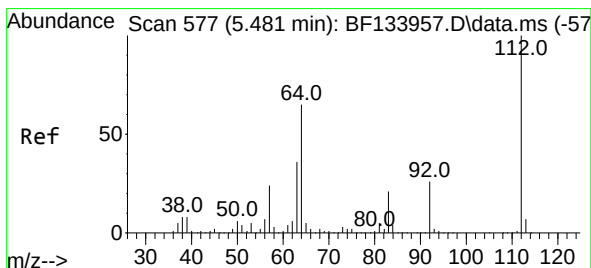
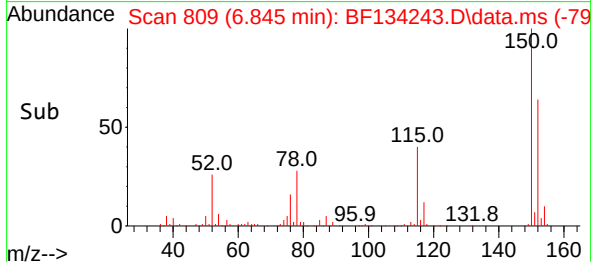
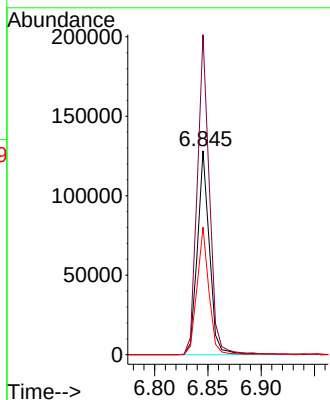
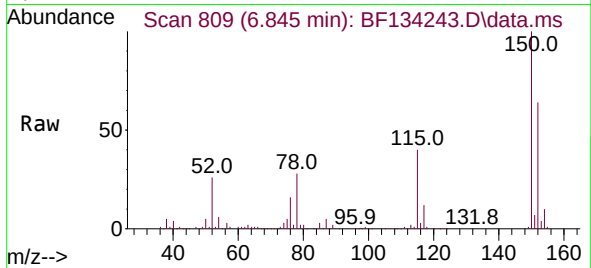




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134243.D
Acq: 12 Jul 2023 12:53

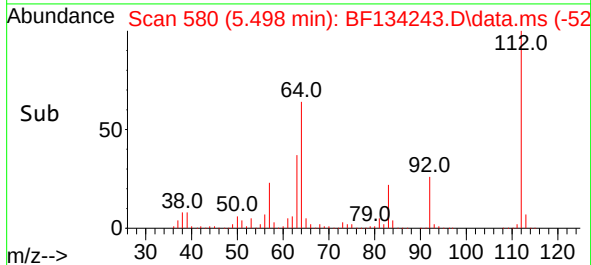
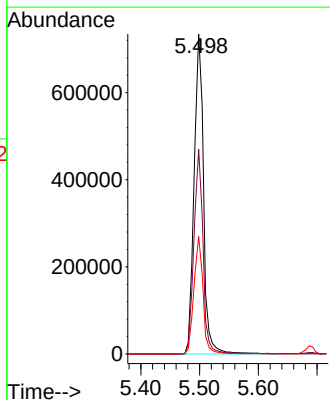
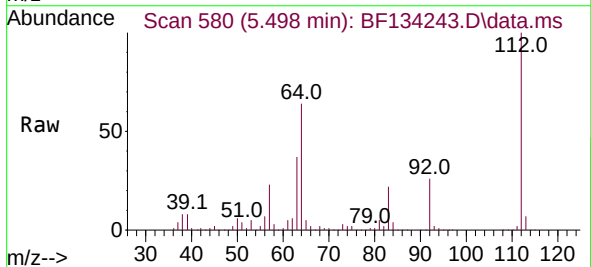
Instrument :
BNA_F
ClientSampleId :
ETGI-369

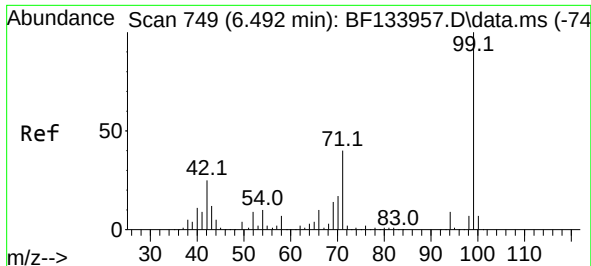
Tgt Ion:152 Resp: 101726
Ion Ratio Lower Upper
152 100
150 157.0 124.5 186.7
115 62.6 50.2 75.2



#5
2-Fluorophenol
Concen: 134.124 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.024 min
Lab File: BF134243.D
Acq: 12 Jul 2023 12:53

Tgt Ion:112 Resp: 815646
Ion Ratio Lower Upper
112 100
64 64.0 52.1 78.1
63 36.7 28.6 42.8

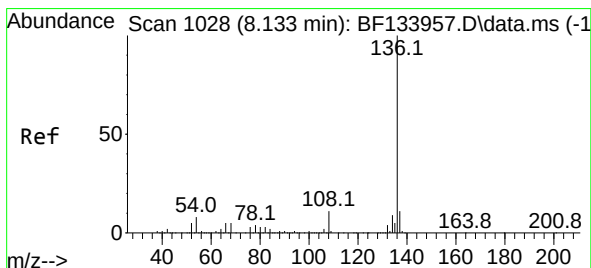
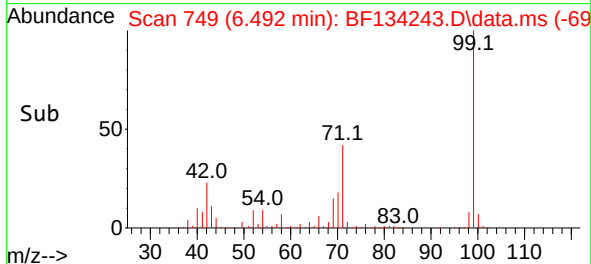
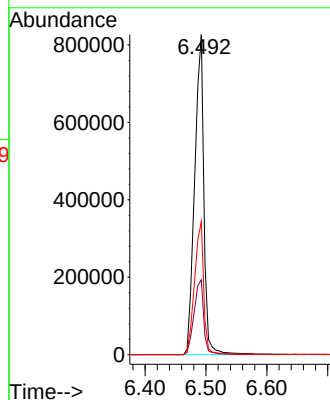
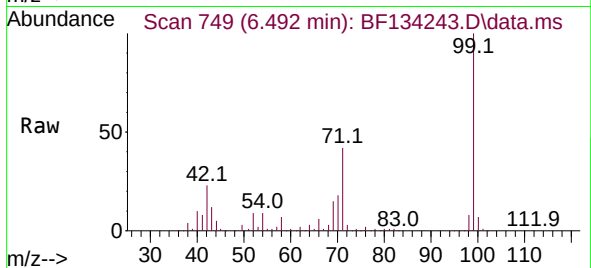




#7
Phenol-d6
Concen: 117.111 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF134243.D
Acq: 12 Jul 2023 12:53

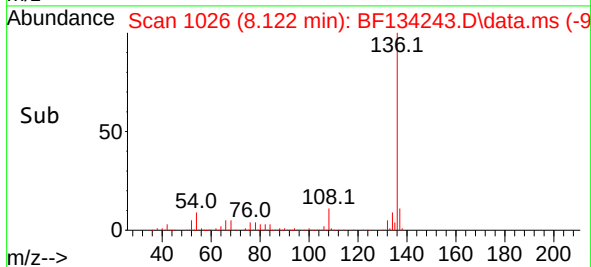
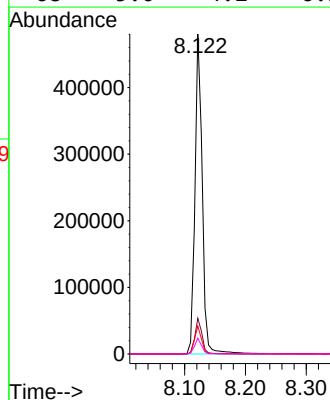
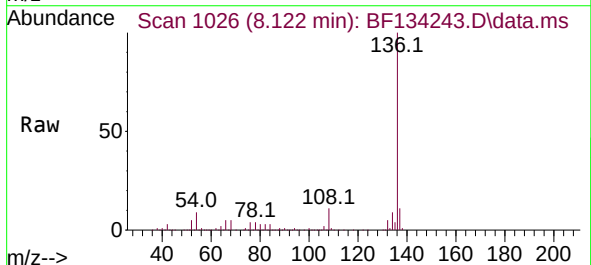
Instrument :
BNA_F
ClientSampleId :
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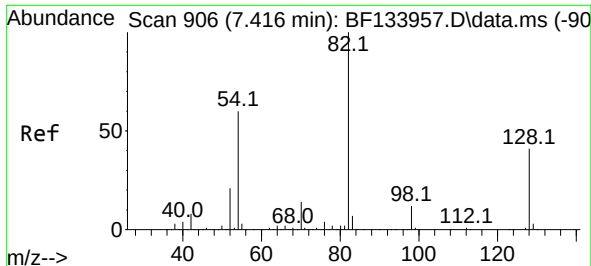
Tgt Ion: 99 Resp: 875848
Ion Ratio Lower Upper
99 100
42 23.4 19.8 29.6
71 41.6 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134243.D
Acq: 12 Jul 2023 12:53

Tgt Ion:136 Resp: 401758
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 8.7 6.5 9.7
68 5.0 4.2 6.2





#23

Nitrobenzene-d5

Concen: 101.353 ng

RT: 7.410 min Scan# 906

Delta R.T. -0.000 min

Lab File: BF134243.D

Acq: 12 Jul 2023 12:53

Instrument :

BNA_F

ClientSampleId :

ETGI-369

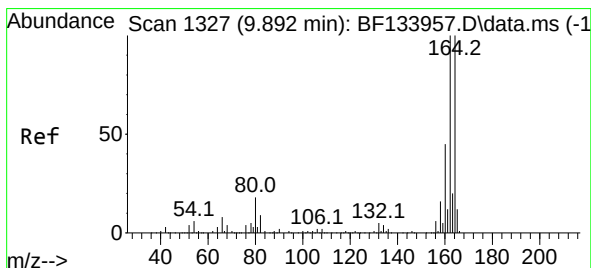
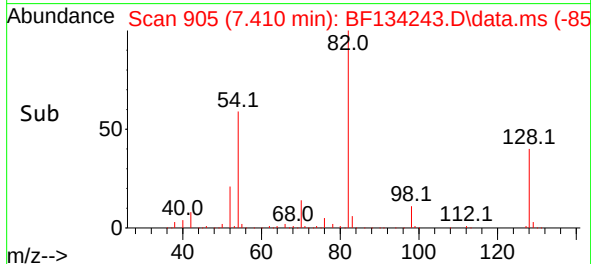
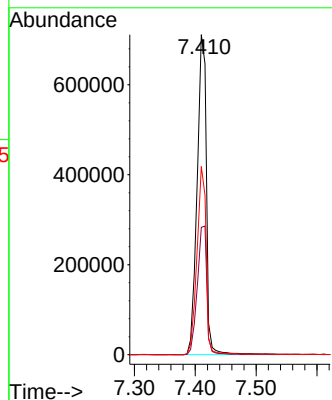
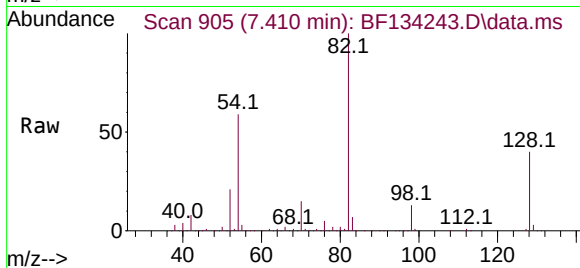
Tgt Ion: 82 Resp: 755388

Ion Ratio Lower Upper

82 100

128 39.8 32.5 48.7

54 58.8 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: BF134243.D

Acq: 12 Jul 2023 12:53

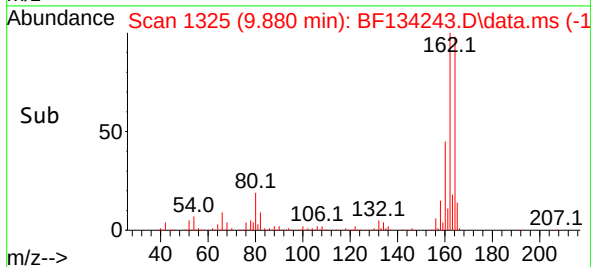
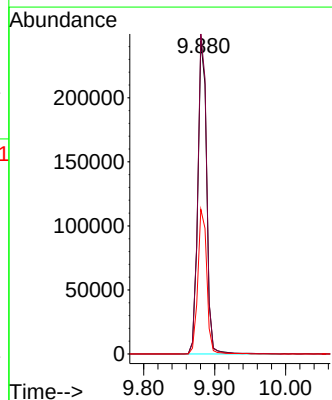
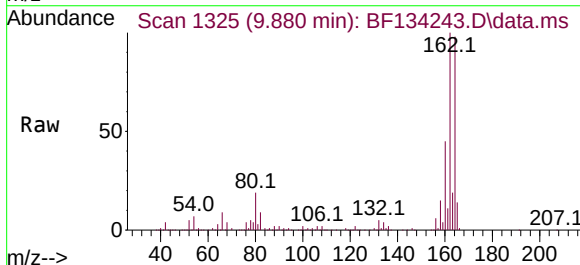
Tgt Ion:164 Resp: 211979

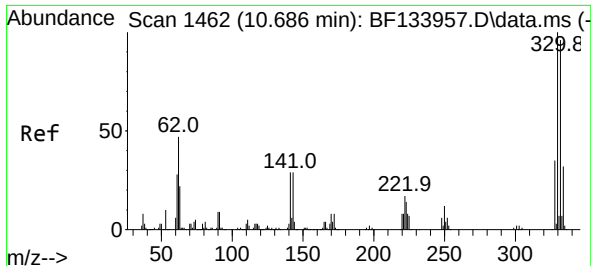
Ion Ratio Lower Upper

164 100

162 102.2 80.0 120.0

160 46.2 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 153.567 ng

RT: 10.680 min Scan# 1461

Delta R.T. -0.000 min

Lab File: BF134243.D

Acq: 12 Jul 2023 12:53

Instrument :

BNA_F

ClientSampleId :

ETGI-369

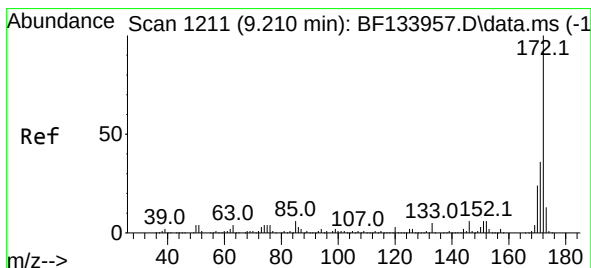
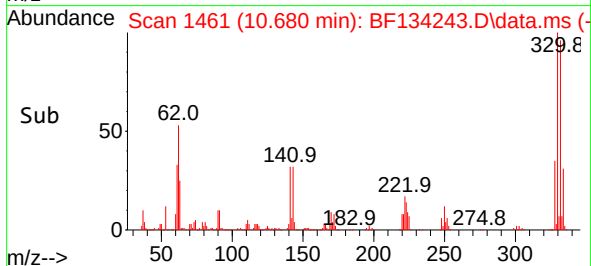
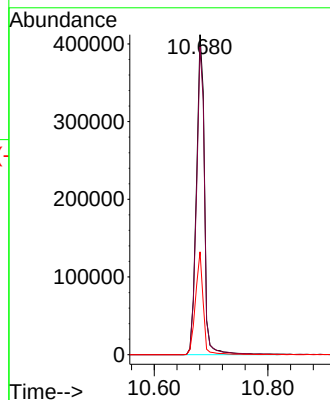
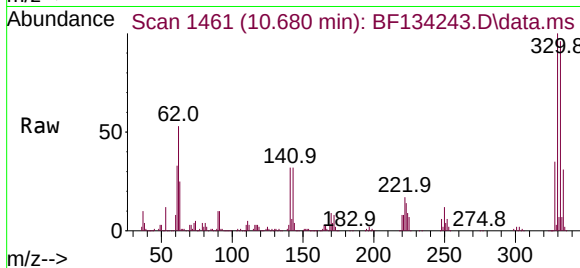
Tgt Ion:330 Resp: 408148

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

141 30.9 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 95.537 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BF134243.D

Acq: 12 Jul 2023 12:53

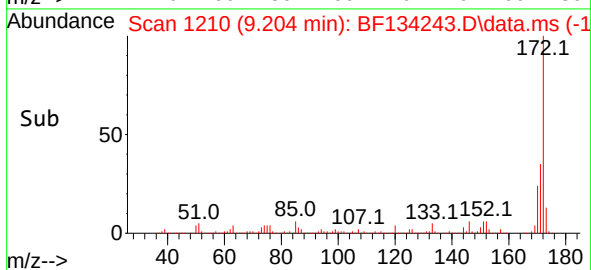
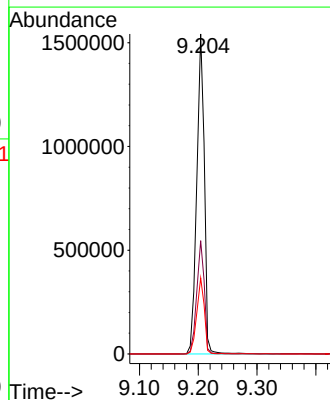
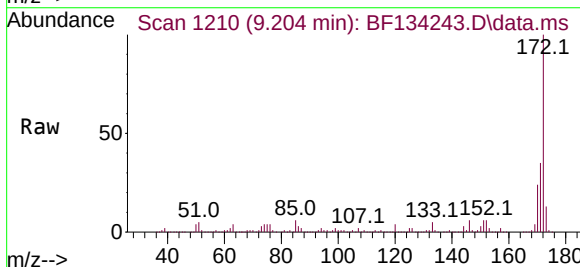
Tgt Ion:172 Resp: 1392941

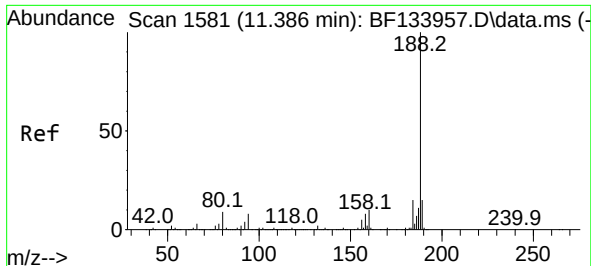
Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.8 19.4 29.0

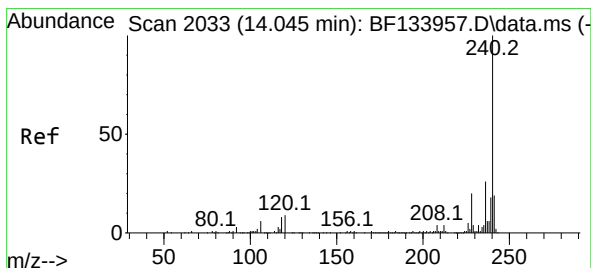
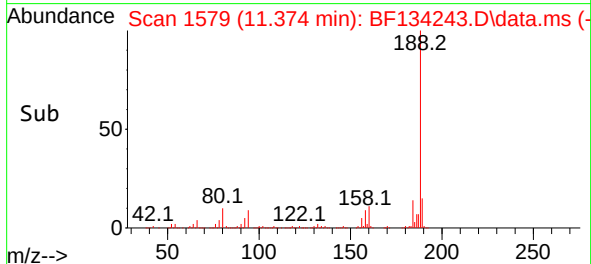
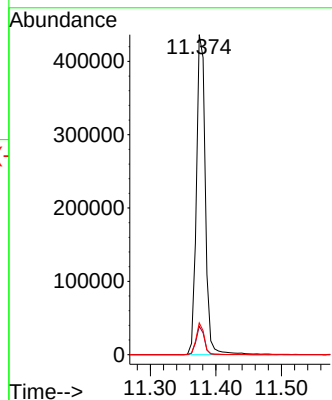
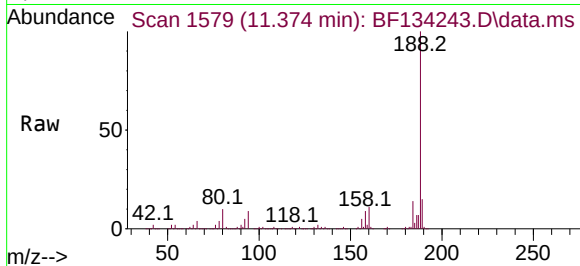




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134243.D
Acq: 12 Jul 2023 12:53

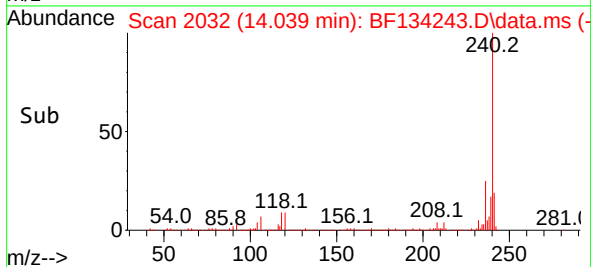
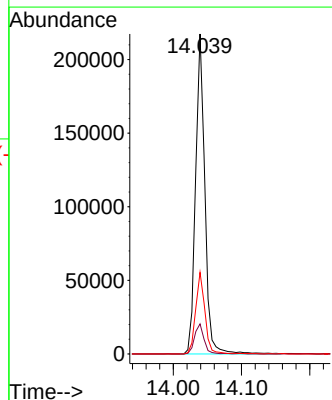
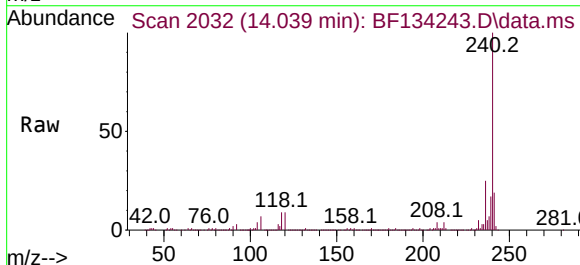
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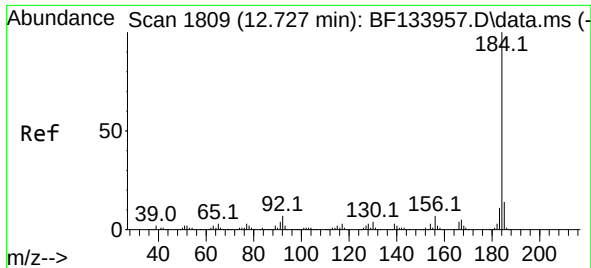
Tgt Ion:188 Resp: 415054
Ion Ratio Lower Upper
188 100
94 8.9 6.4 9.6
80 10.0 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF134243.D
Acq: 12 Jul 2023 12:53

Tgt Ion:240 Resp: 204149
Ion Ratio Lower Upper
240 100
120 9.4 7.4 11.0
236 25.5 21.0 31.6

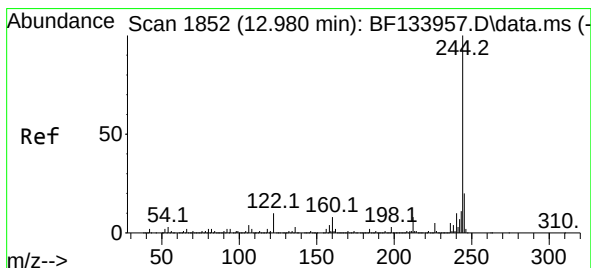
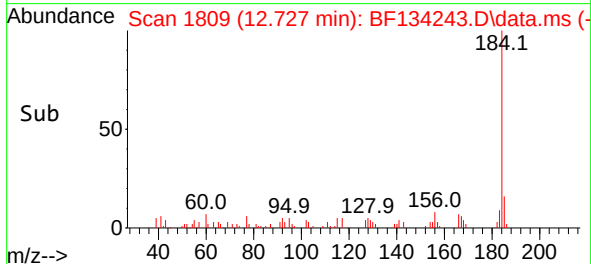
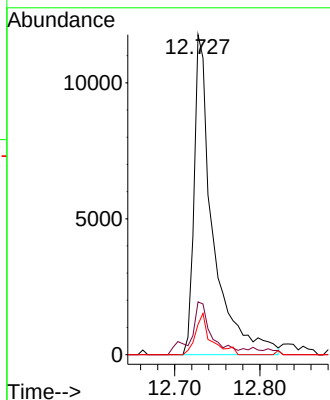
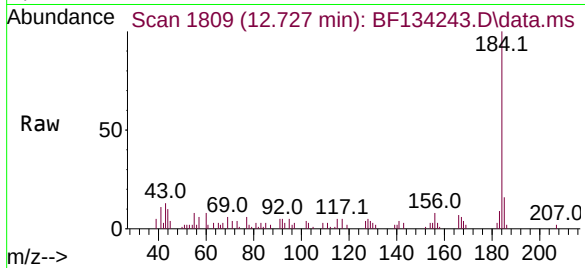




#77
Benzidine
Concen: 3.707 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF134243.D
Acq: 12 Jul 2023 12:53

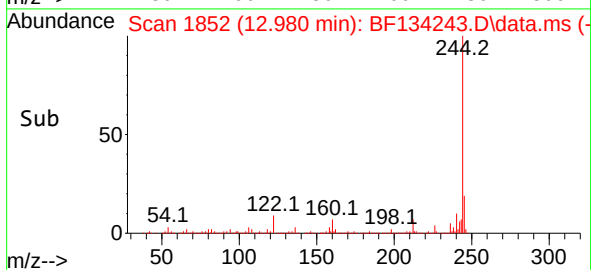
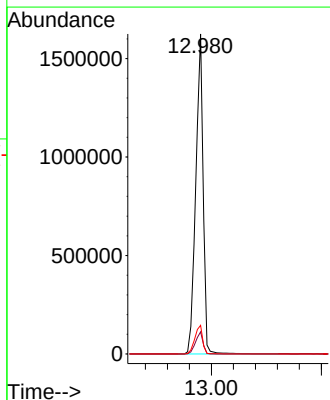
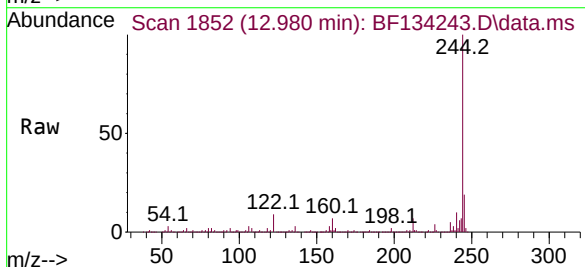
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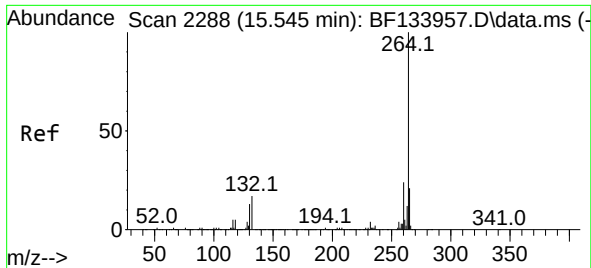
Tgt Ion:184 Resp: 18008
Ion Ratio Lower Upper
184 100
185 16.5 11.6 17.4
183 9.4 8.8 13.2



#79
Terphenyl-d14
Concen: 119.142 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.006 min
Lab File: BF134243.D
Acq: 12 Jul 2023 12:53

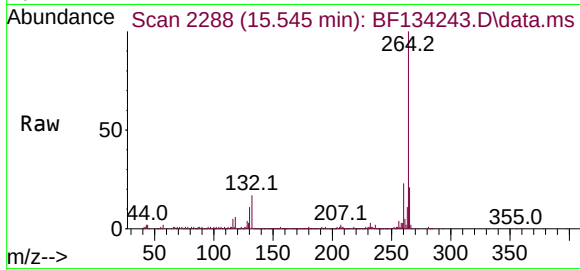
Tgt Ion:244 Resp: 1511277
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 8.9 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF134243.D
Acq: 12 Jul 2023 12:53

Instrument :
BNA_F
ClientSampleId :
ETGI-369



Tgt Ion:264 Resp: 223652
Ion Ratio Lower Upper
264 100
260 22.6 19.5 29.3
265 21.0 16.6 25.0

