

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
 Data File : BF134242.D
 Acq On : 12 Jul 2023 12:19
 Operator : CG\JU
 Sample : 03555-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-347

Quant Time: Jul 12 13:13:54 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)

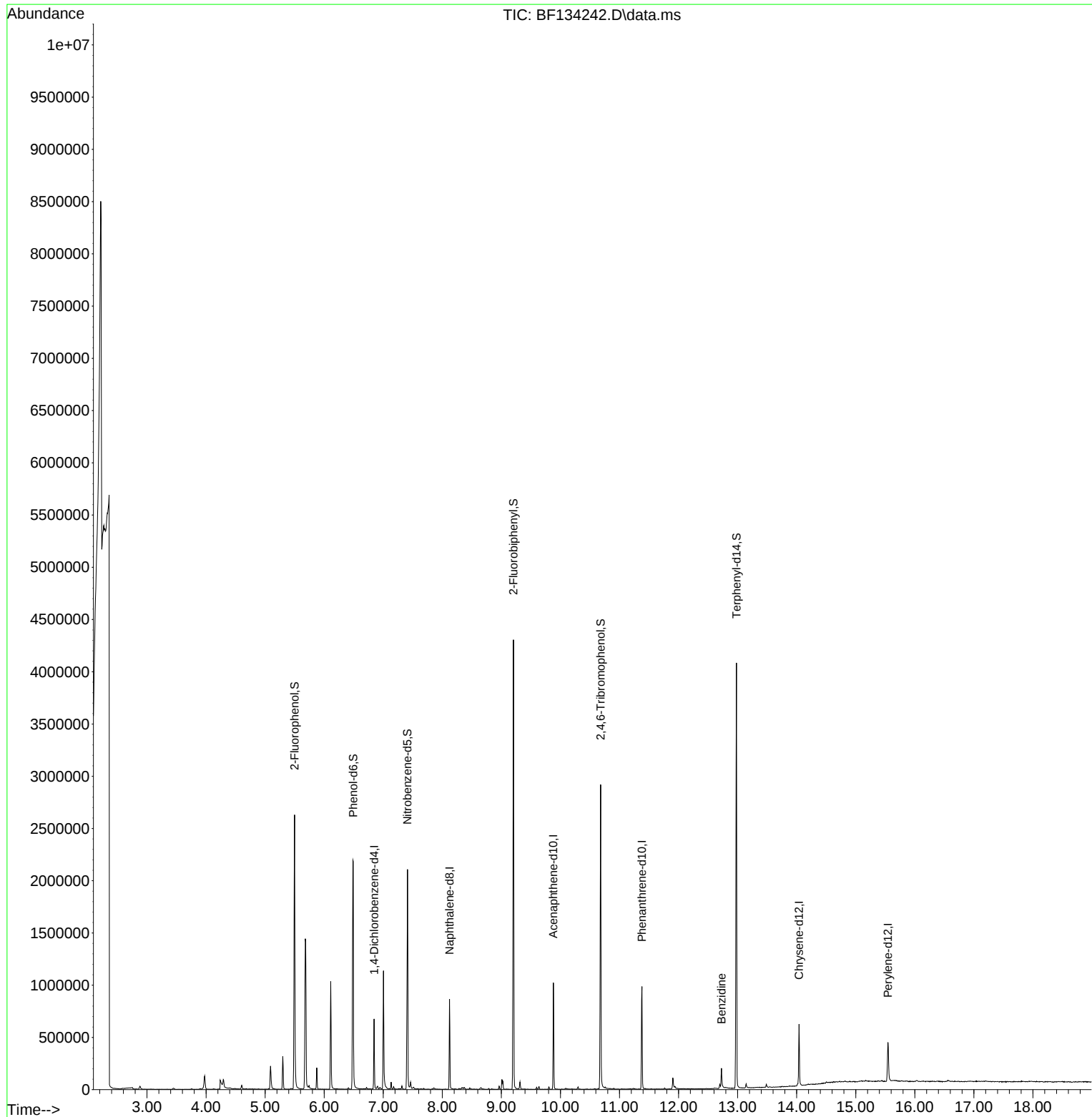
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	87201	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	353511	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	182270	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	370391	20.000	ng	0.00
76) Chrysene-d12	14.039	240	194664	20.000	ng	0.00
86) Perylene-d12	15.545	264	194157	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	734364	140.872	ng	0.02
7) Phenol-d6	6.492	99	799610	124.726	ng	0.00
23) Nitrobenzene-d5	7.410	82	670494	102.241	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	371490	162.556	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1253193	99.962	ng	0.00
79) Terphenyl-d14	12.980	244	1451010	119.965	ng	0.00
Target Compounds						
77) Benzidine	12.727	184	81331	17.559	ng	Qvalue 98

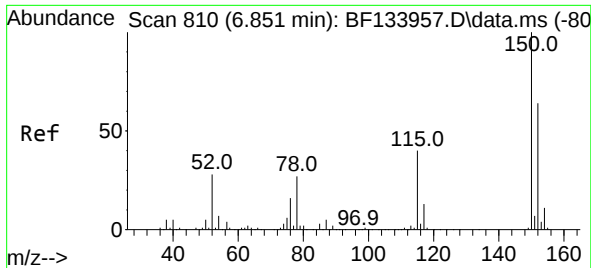
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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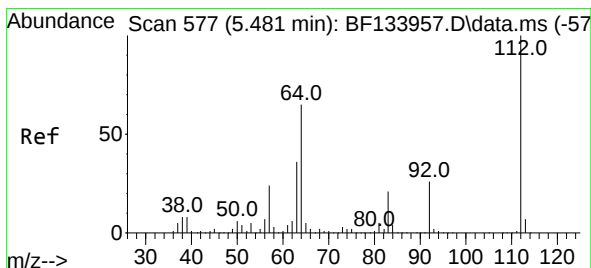
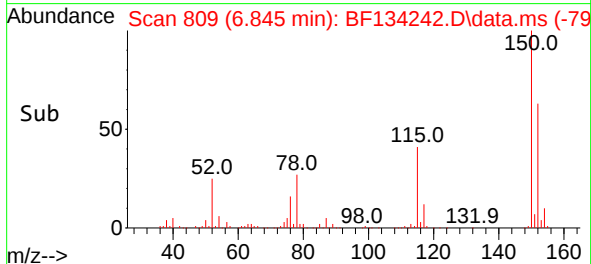
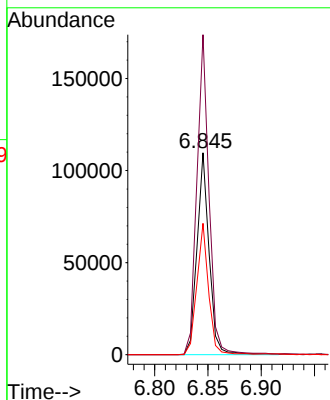
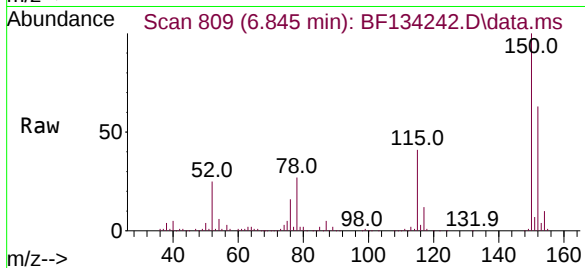




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134242.D
Acq: 12 Jul 2023 12:19

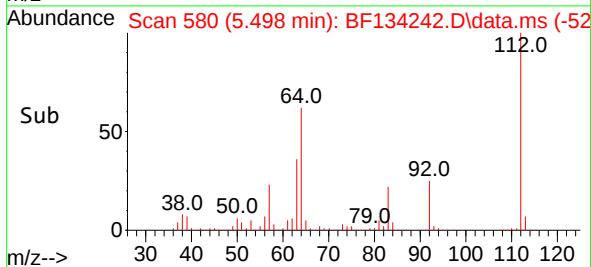
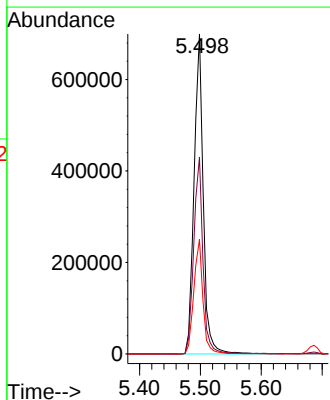
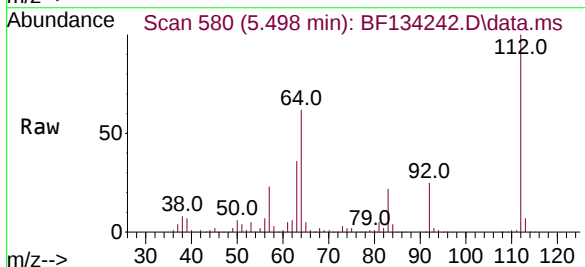
Instrument :
BNA_F
ClientSampleId :
ETGI-347

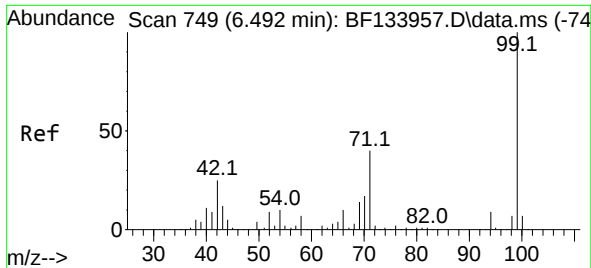
Tgt Ion:152 Resp: 87201
Ion Ratio Lower Upper
152 100
150 158.5 124.5 186.7
115 65.1 50.2 75.2



#5
2-Fluorophenol
Concen: 140.872 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.023 min
Lab File: BF134242.D
Acq: 12 Jul 2023 12:19

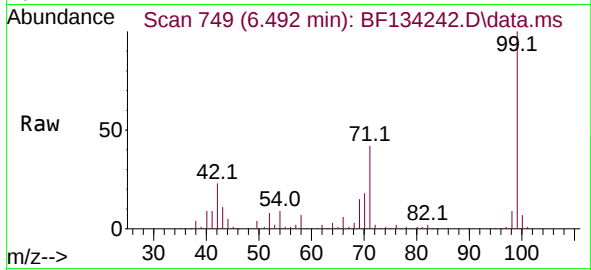
Tgt Ion:112 Resp: 734364
Ion Ratio Lower Upper
112 100
64 61.6 52.1 78.1
63 35.8 28.6 42.8



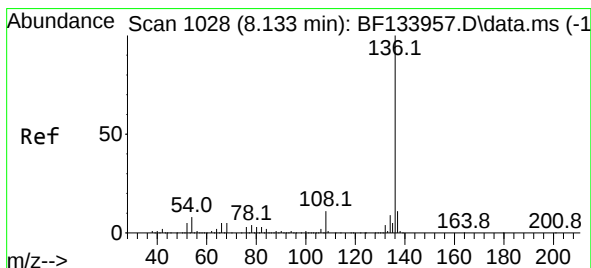
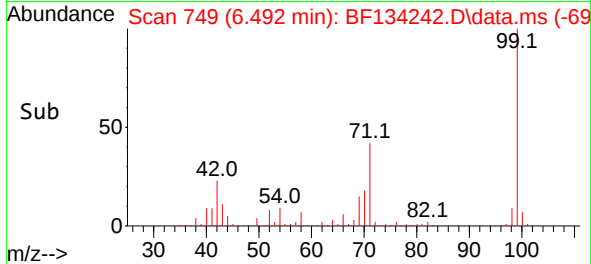
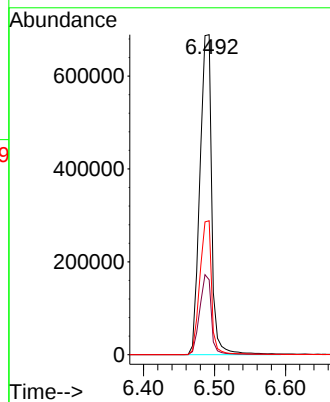


#7
Phenol-d6
Concen: 124.726 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF134242.D
Acq: 12 Jul 2023 12:19

Instrument :
BNA_F
ClientSampleId :
ETGI-347

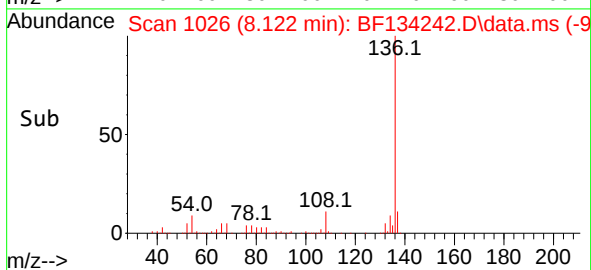
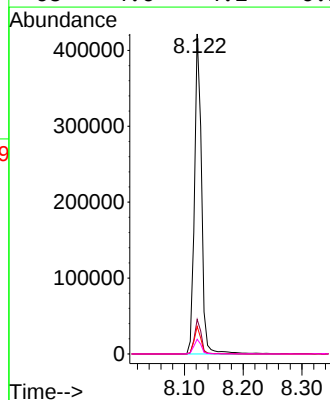
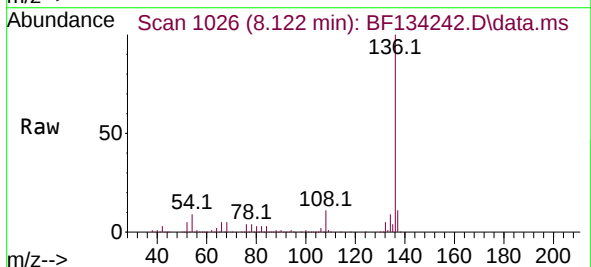


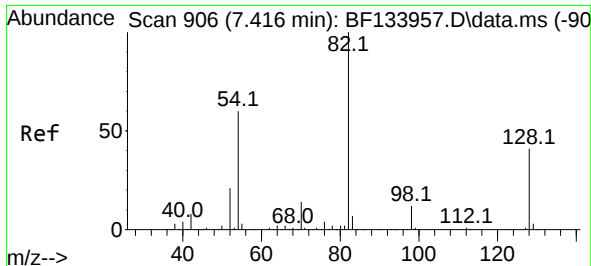
Tgt Ion:	99	Resp:	799610
Ion	Ratio	Lower	Upper
99	100		
42	23.4	19.8	29.6
71	41.9	31.9	47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134242.D
Acq: 12 Jul 2023 12:19

Tgt Ion:	136	Resp:	353511
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	8.6	6.5	9.7
68	4.6	4.2	6.2





#23

Nitrobenzene-d5

Concen: 102.241 ng

RT: 7.410 min Scan# 906

Delta R.T. -0.000 min

Lab File: BF134242.D

Acq: 12 Jul 2023 12:19

Instrument :

BNA_F

ClientSampleId :

ETGI-347

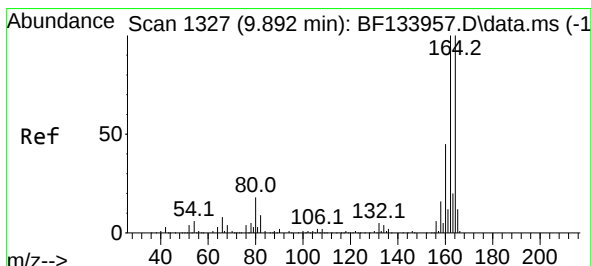
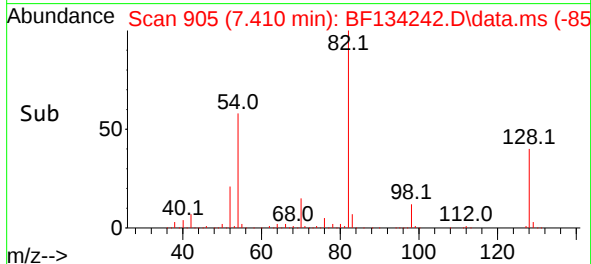
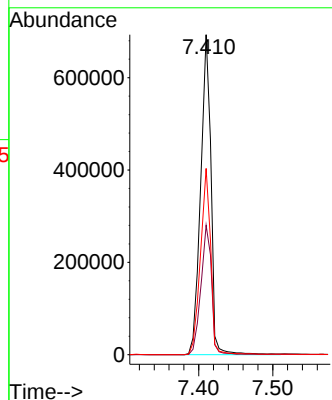
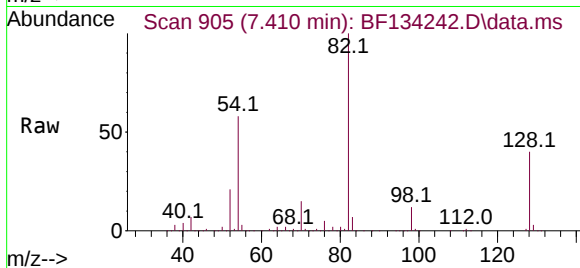
Tgt Ion: 82 Resp: 670494

Ion Ratio Lower Upper

82 100

128 40.4 32.5 48.7

54 58.2 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: BF134242.D

Acq: 12 Jul 2023 12:19

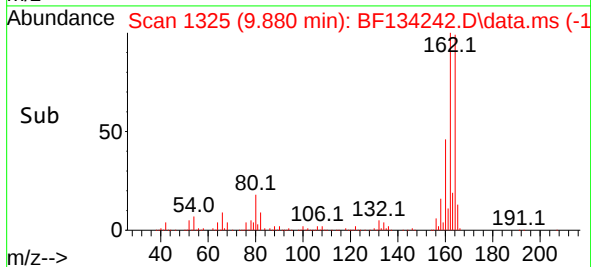
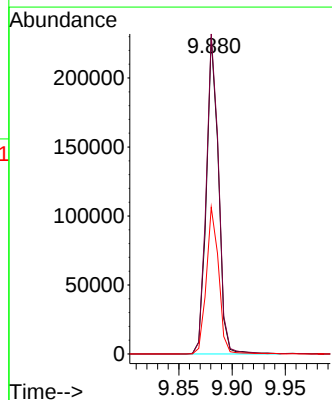
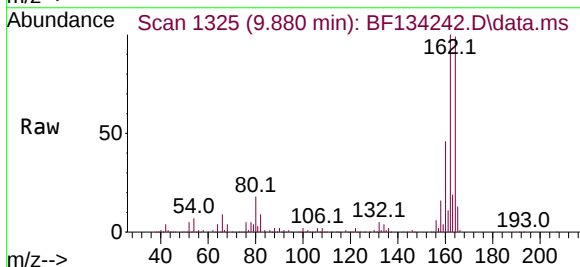
Tgt Ion:164 Resp: 182270

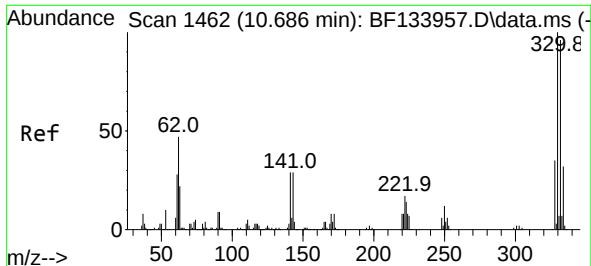
Ion Ratio Lower Upper

164 100

162 101.1 80.0 120.0

160 46.3 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 162.556 ng

RT: 10.680 min Scan# 1461

Delta R.T. -0.000 min

Lab File: BF134242.D

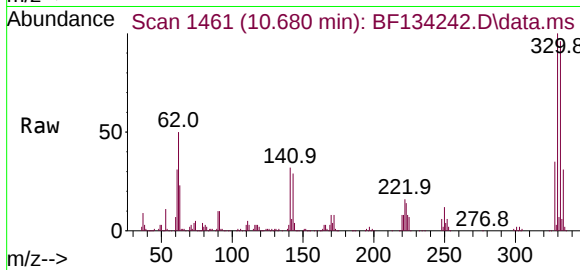
Acq: 12 Jul 2023 12:19

Instrument :

BNA_F

ClientSampleId :

ETGI-347



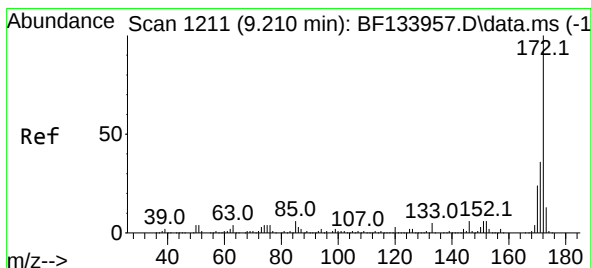
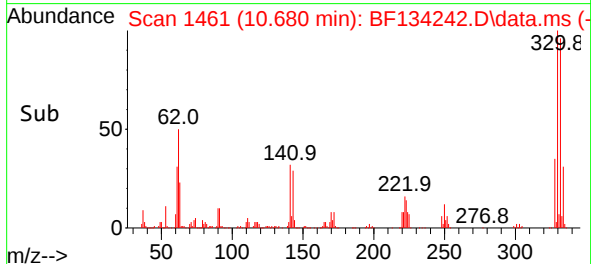
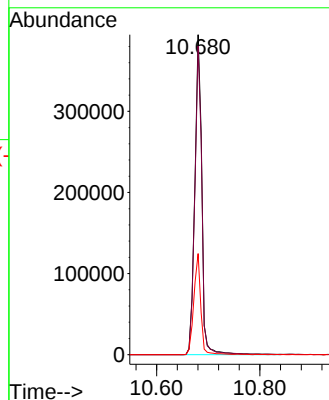
Tgt Ion:330 Resp: 371490

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

141 31.2 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 99.962 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BF134242.D

Acq: 12 Jul 2023 12:19

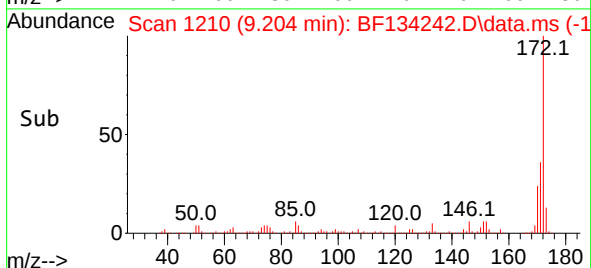
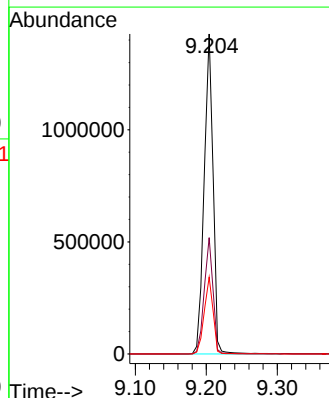
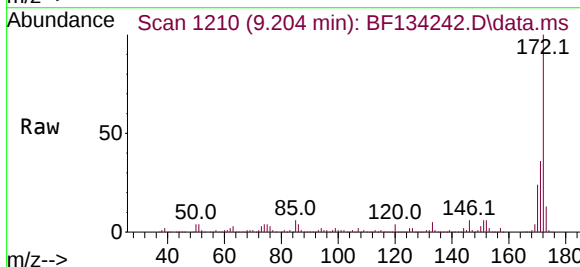
Tgt Ion:172 Resp: 1253193

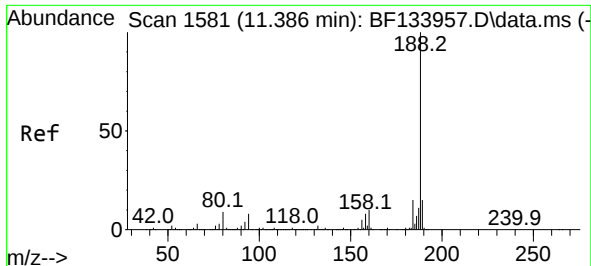
Ion Ratio Lower Upper

172 100

171 36.3 28.6 43.0

170 24.0 19.4 29.0

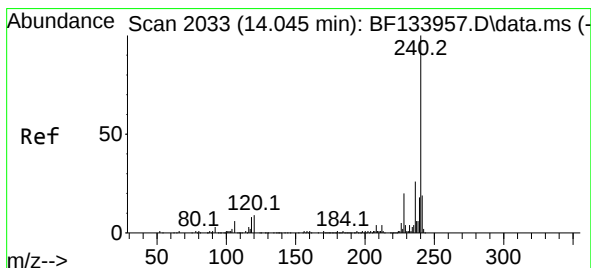
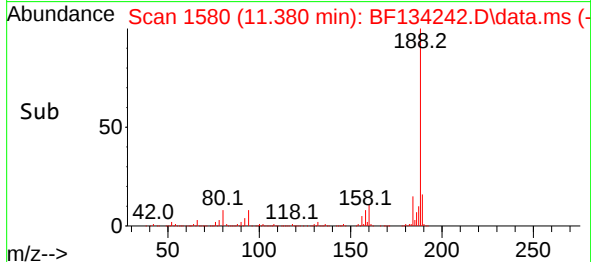
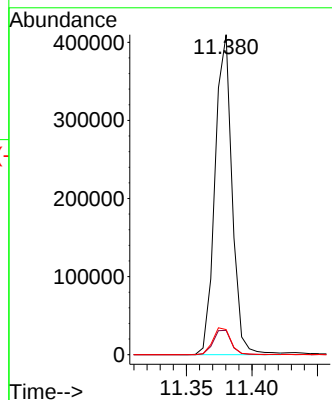
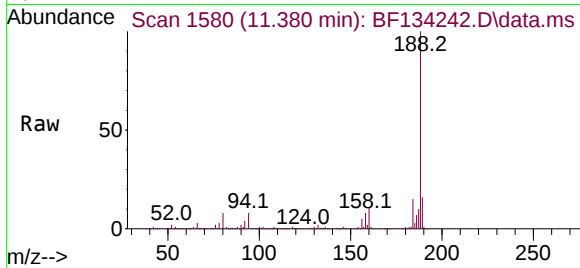




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134242.D
Acq: 12 Jul 2023 12:19

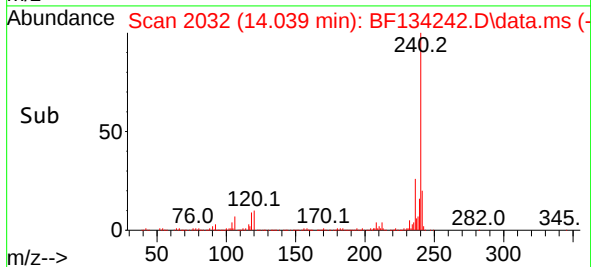
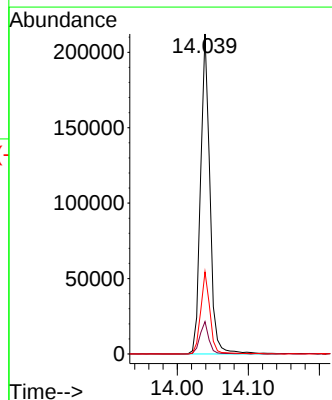
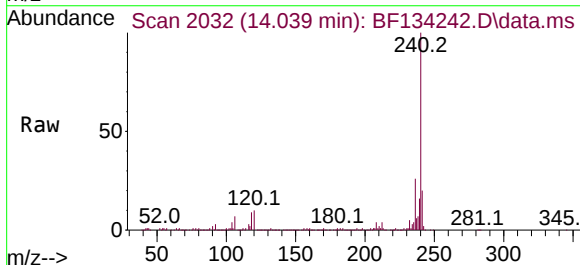
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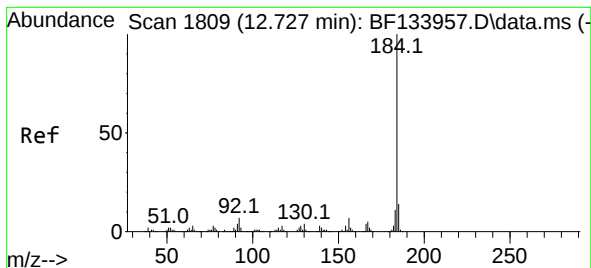
Tgt Ion:188 Resp: 370391
Ion Ratio Lower Upper
188 100
94 7.6 6.4 9.6
80 7.9 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF134242.D
Acq: 12 Jul 2023 12:19

Tgt Ion:240 Resp: 194664
Ion Ratio Lower Upper
240 100
120 10.1 7.4 11.0
236 25.7 21.0 31.6





#77

Benzidine

Concen: 17.559 ng

RT: 12.727 min Scan# 1809

Delta R.T. -0.000 min

Lab File: BF134242.D

Acq: 12 Jul 2023 12:19

Instrument :

BNA_F

ClientSampleId :

ETGI-347

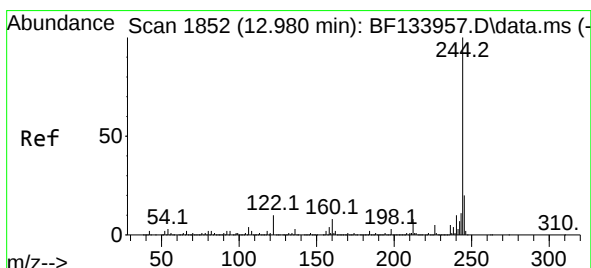
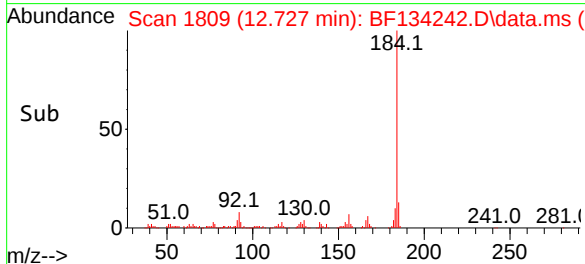
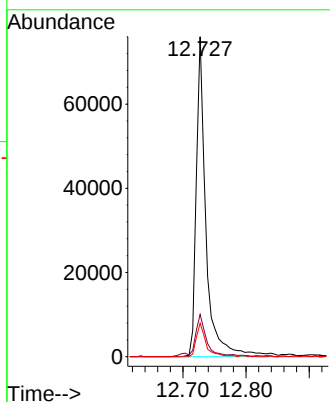
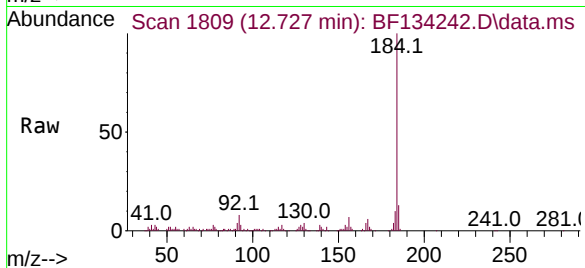
Tgt Ion:184 Resp: 81331

Ion Ratio Lower Upper

184 100

185 13.2 11.6 17.4

183 10.5 8.8 13.2



#79

Terphenyl-d14

Concen: 119.965 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.006 min

Lab File: BF134242.D

Acq: 12 Jul 2023 12:19

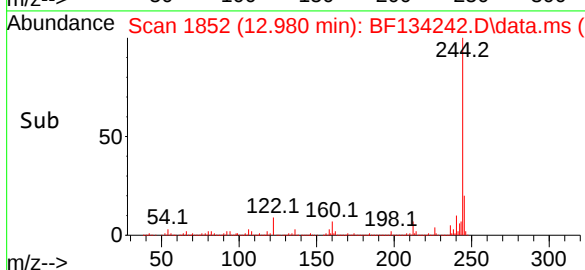
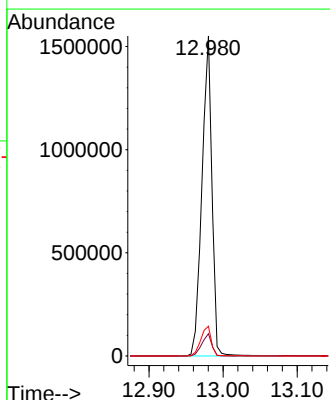
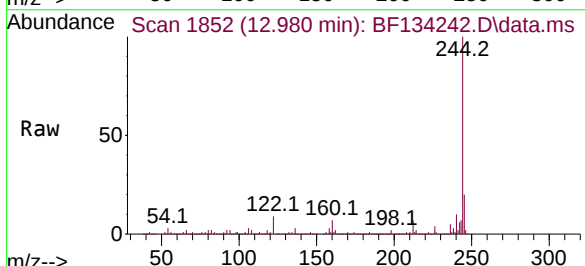
Tgt Ion:244 Resp: 1451010

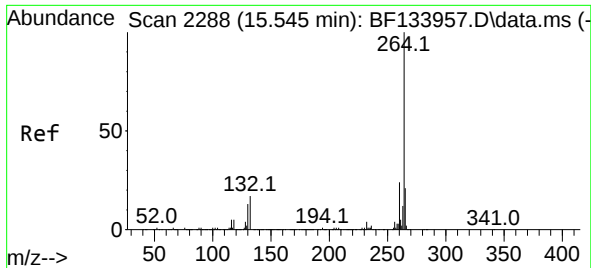
Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 9.3 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: BF134242.D
Acq: 12 Jul 2023 12:19

Instrument :
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Tgt Ion:264 Resp: 194157
Ion Ratio Lower Upper
264 100
260 23.7 19.5 29.3
265 21.3 16.6 25.0

