

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
 Data File : BF134901.D
 Acq On : 23 Aug 2023 13:27
 Operator : CG\JU
 Sample : 04080-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-340

Quant Time: Aug 23 13:47:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 19:33:25 2023
 Response via : Initial Calibration

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

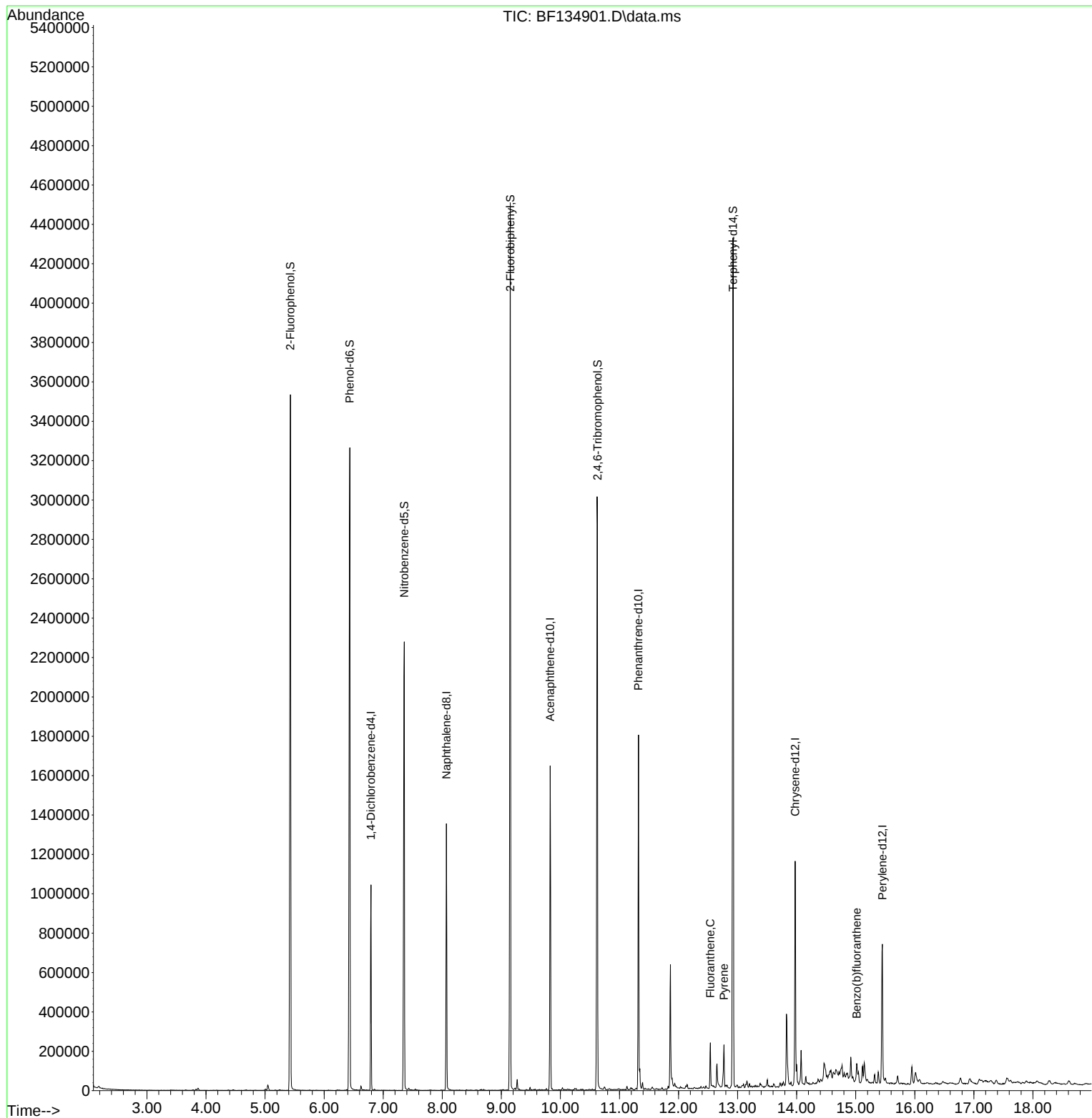
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	140720	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	575313	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	312418	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	602884	20.000	ng	0.00
76) Chrysene-d12	13.974	240	352058	20.000	ng	0.00
86) Perylene-d12	15.451	264	329687	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1014109	114.920	ng	0.00
7) Phenol-d6	6.434	99	1280263	113.538	ng	0.00
23) Nitrobenzene-d5	7.357	82	816082	78.164	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	442924	120.376	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1475043	72.987	ng	0.00
79) Terphenyl-d14	12.922	244	1704163	66.577	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.539	202	90895	3.037	ng	97
78) Pyrene	12.769	202	93986	2.518	ng	97
88) Benzo(b)fluoranthene	15.016	252	48035	2.582	ng	100

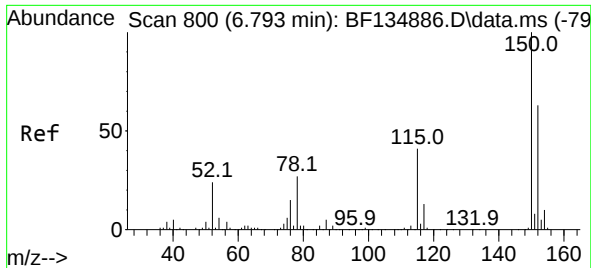
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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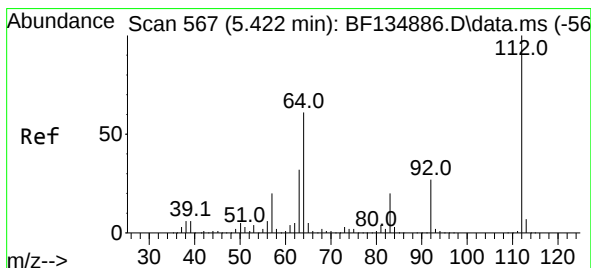
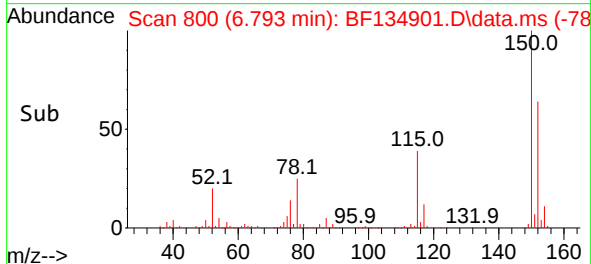
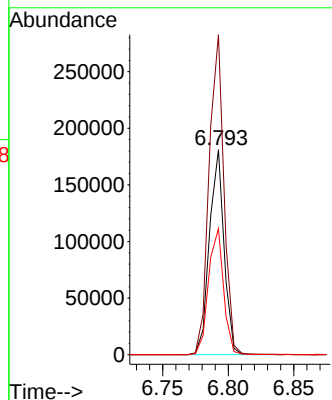
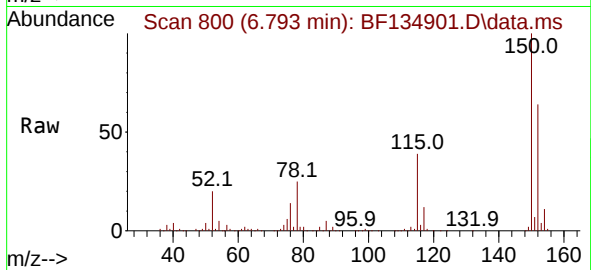




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 800
Delta R.T. -0.000 min
Lab File: BF134901.D
Acq: 23 Aug 2023 13:27

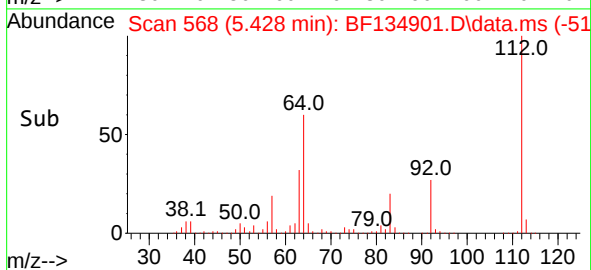
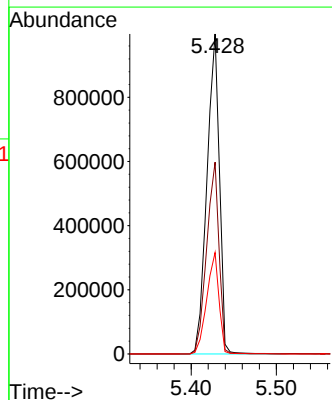
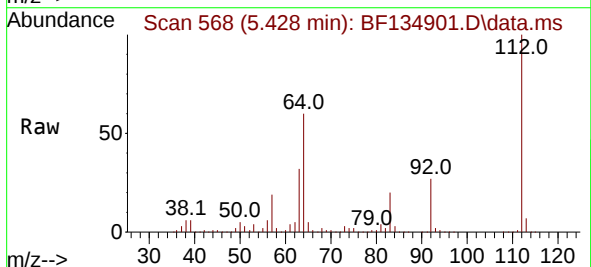
Instrument :
BNA_F
ClientSampleId :
ETGI-340

Tgt Ion:152 Resp: 140720
Ion Ratio Lower Upper
152 100
150 156.1 126.1 189.1
115 61.4 51.1 76.7



#5
2-Fluorophenol
Concen: 114.920 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF134901.D
Acq: 23 Aug 2023 13:27

Tgt Ion:112 Resp: 1014109
Ion Ratio Lower Upper
112 100
64 59.9 48.6 73.0
63 31.7 25.7 38.5



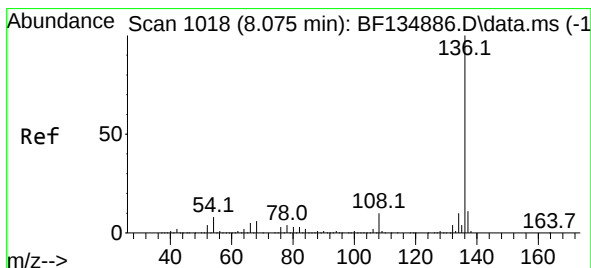
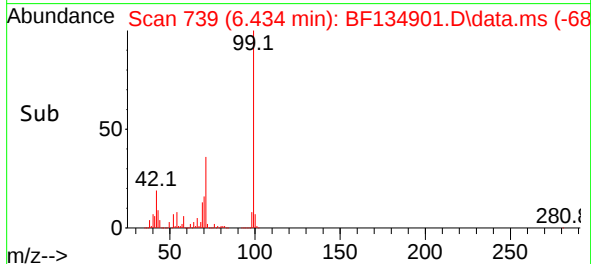
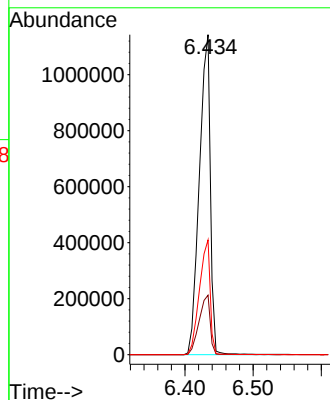
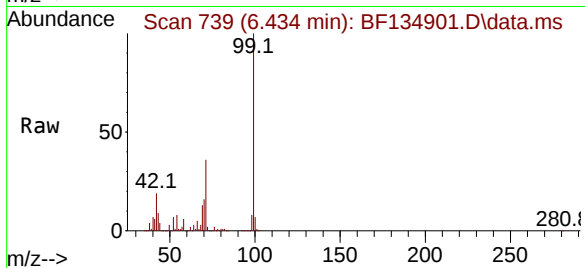


#7
Phenol-d6
Concen: 113.538 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134901.D
Acq: 23 Aug 2023 13:27

Instrument :
BNA_F
ClientSampleId :
ETGI-340

Tgt Ion: 99 Resp: 1280263

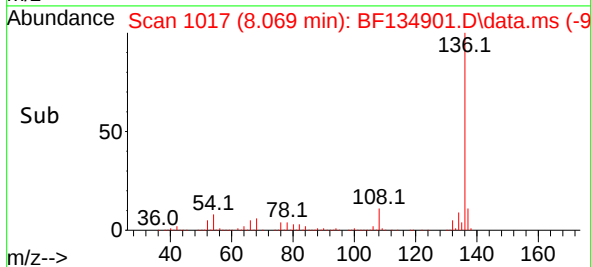
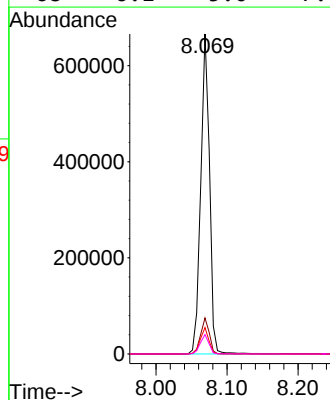
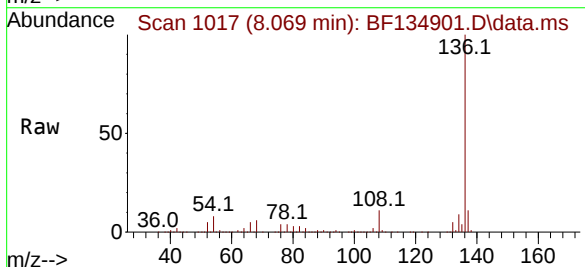
Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.6	22.0
71	35.8	27.6	41.4

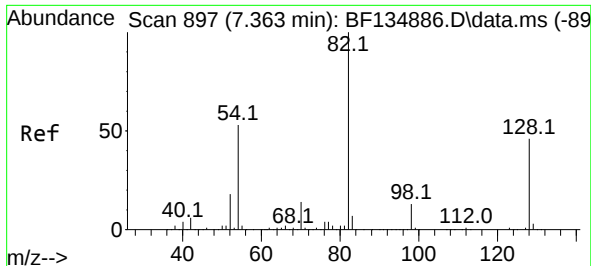


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF134901.D
Acq: 23 Aug 2023 13:27

Tgt Ion: 136 Resp: 575313

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.2	6.6	9.8
68	6.1	5.0	7.4





#23

Nitrobenzene-d5

Concen: 78.164 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF134901.D

Acq: 23 Aug 2023 13:27

Instrument :

BNA_F

ClientSampleId :

ETGI-340

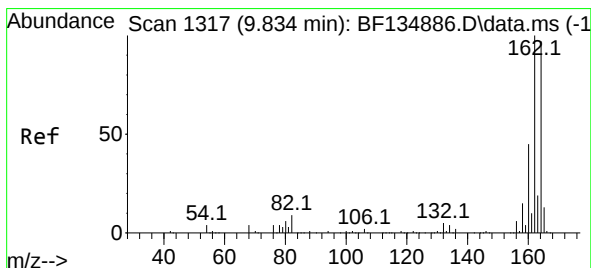
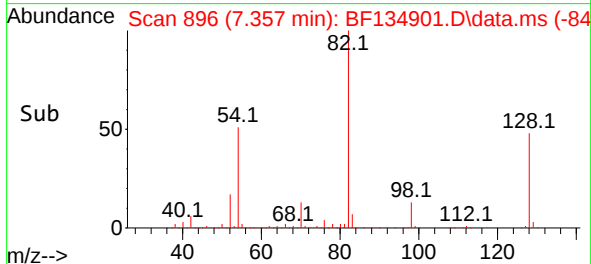
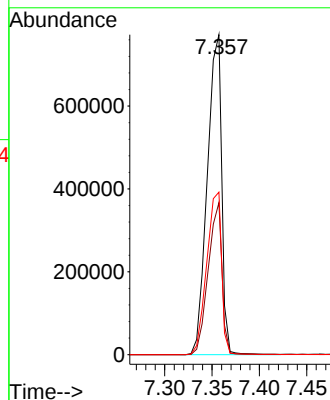
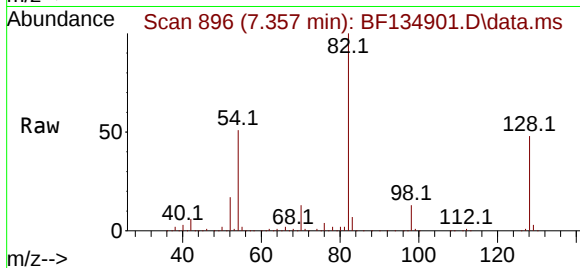
Tgt Ion: 82 Resp: 816082

Ion Ratio Lower Upper

82 100

128 47.5 36.6 54.8

54 50.8 42.6 63.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF134901.D

Acq: 23 Aug 2023 13:27

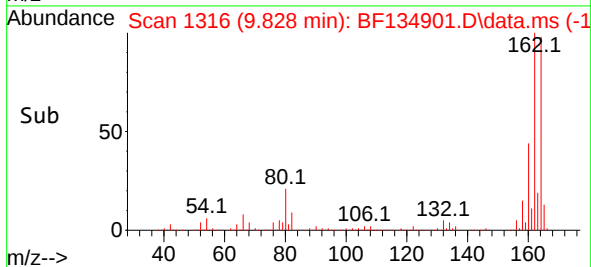
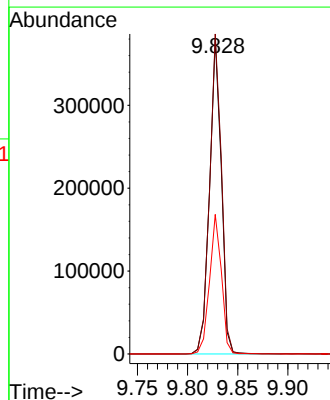
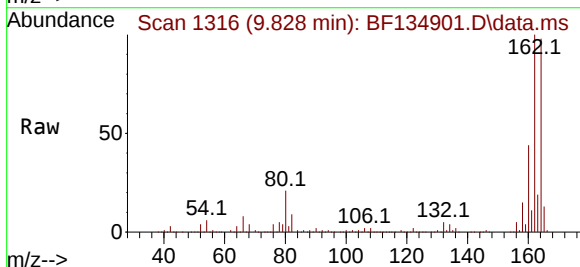
Tgt Ion:164 Resp: 312418

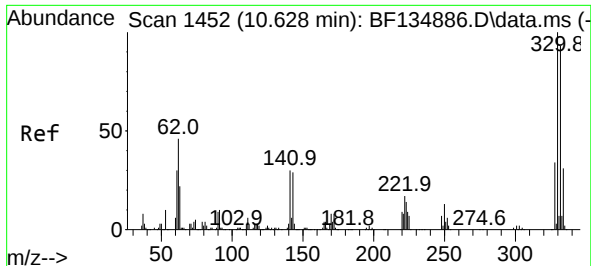
Ion Ratio Lower Upper

164 100

162 101.6 82.6 123.8

160 44.3 37.0 55.4

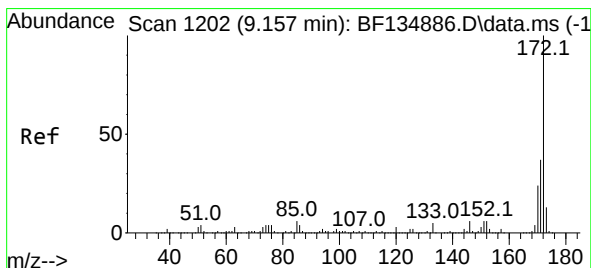
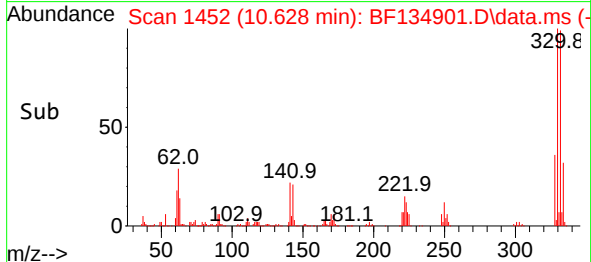
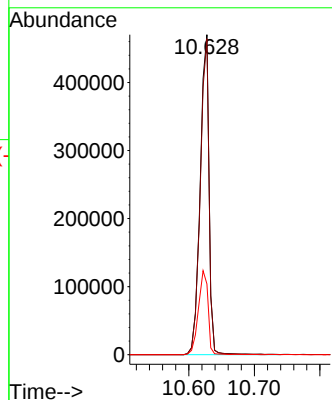
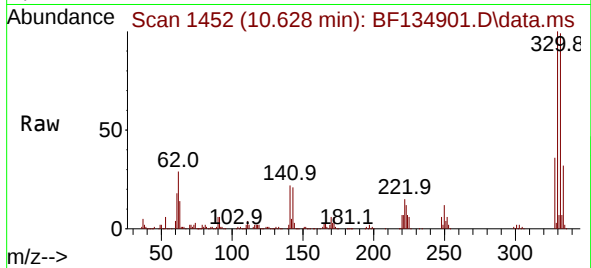




#42
2,4,6-Tribromophenol
Concen: 120.376 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF134901.D
Acq: 23 Aug 2023 13:27

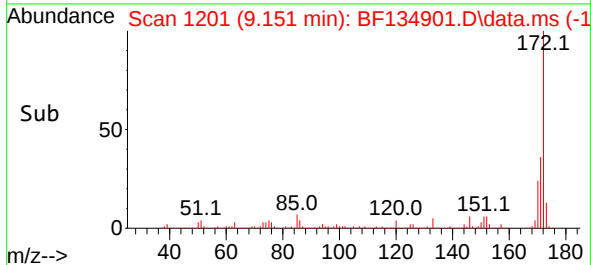
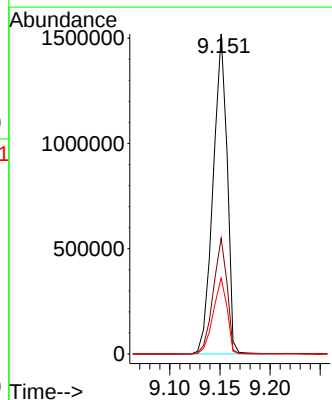
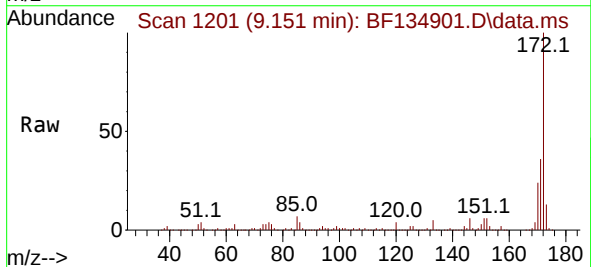
Instrument :
BNA_F
ClientSampleId :
ETGI-340

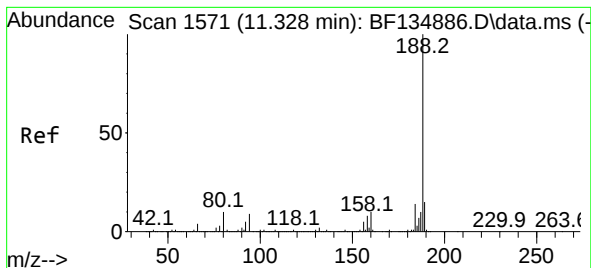
Tgt Ion: 330 Resp: 442924
Ion Ratio Lower Upper
330 100
332 97.9 76.3 114.5
141 28.5 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 72.987 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF134901.D
Acq: 23 Aug 2023 13:27

Tgt Ion: 172 Resp: 1475043
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.0
170 23.7 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134901.D

Acq: 23 Aug 2023 13:27

Instrument :

BNA_F

ClientSampleId :

ETGI-340

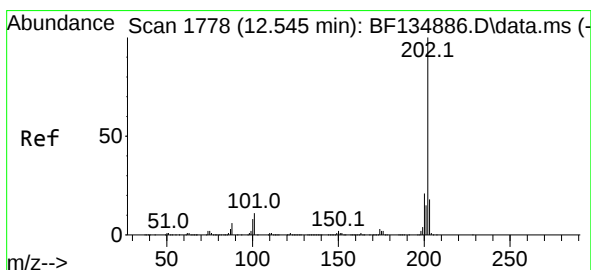
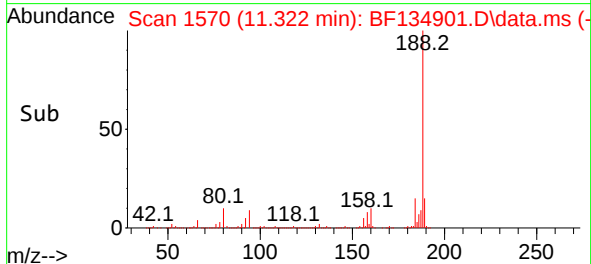
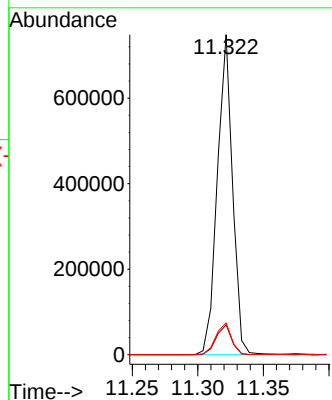
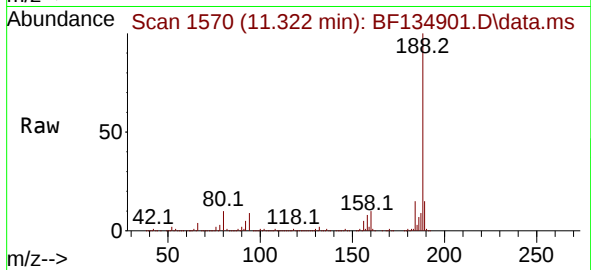
Tgt Ion:188 Resp: 602884

Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

80 9.9 7.8 11.6



#75

Fluoranthene

Concen: 3.037 ng

RT: 12.539 min Scan# 1777

Delta R.T. -0.006 min

Lab File: BF134901.D

Acq: 23 Aug 2023 13:27

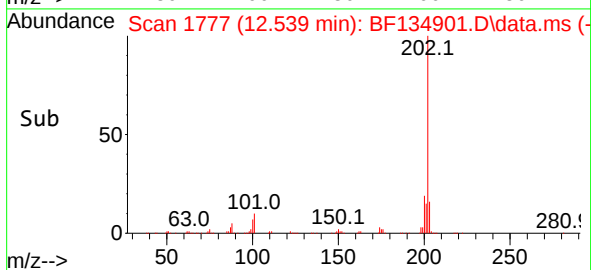
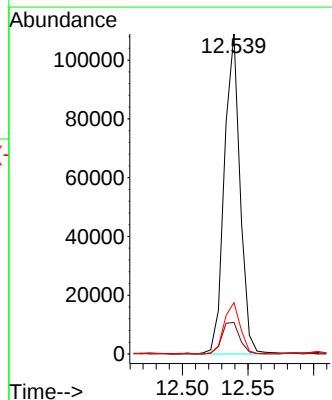
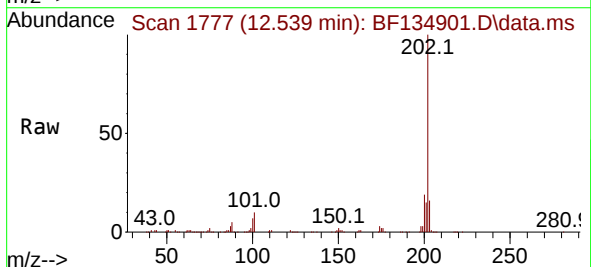
Tgt Ion:202 Resp: 90895

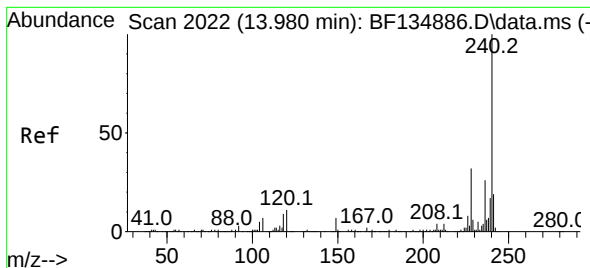
Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.5

203 16.1 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF134901.D

Acq: 23 Aug 2023 13:27

Instrument :

BNA_F

ClientSampleId :

ETGI-340

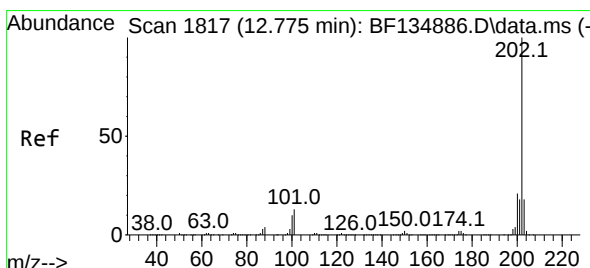
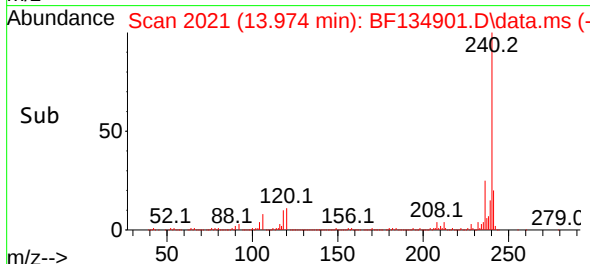
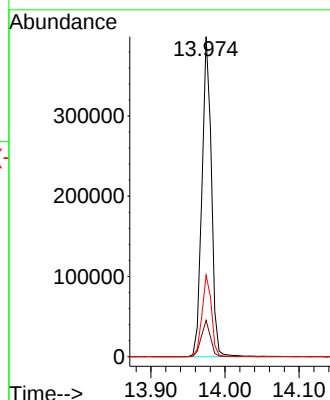
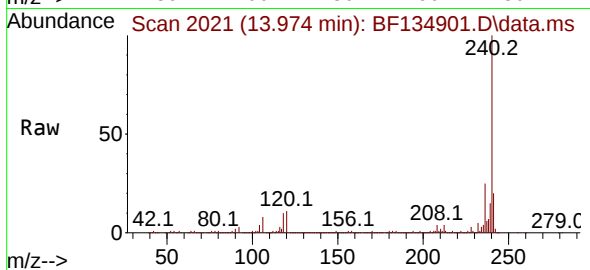
Tgt Ion:240 Resp: 352058

Ion Ratio Lower Upper

240 100

120 11.4 8.6 12.8

236 25.5 20.6 31.0



#78

Pyrene

Concen: 2.518 ng

RT: 12.769 min Scan# 1816

Delta R.T. -0.006 min

Lab File: BF134901.D

Acq: 23 Aug 2023 13:27

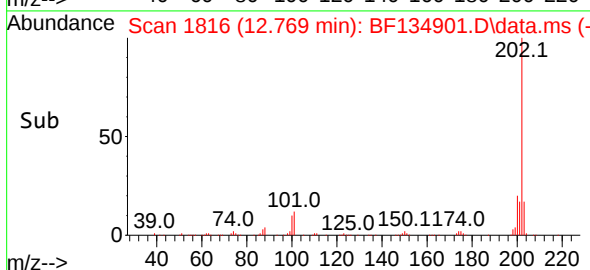
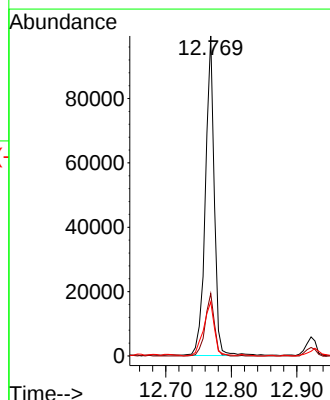
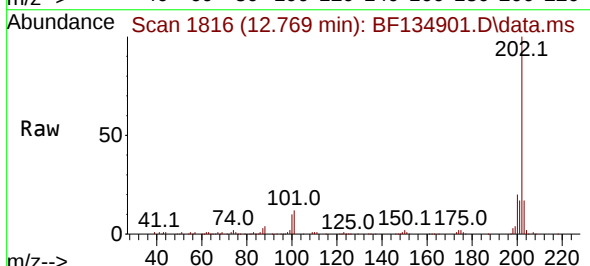
Tgt Ion:202 Resp: 93986

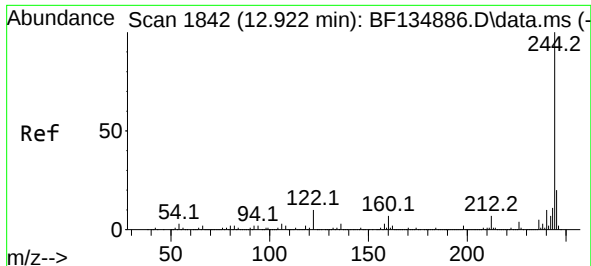
Ion Ratio Lower Upper

202 100

200 19.5 17.1 25.7

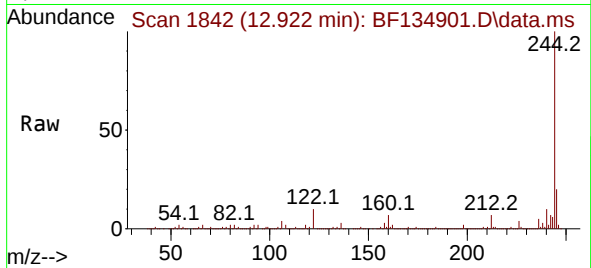
203 16.9 14.2 21.2



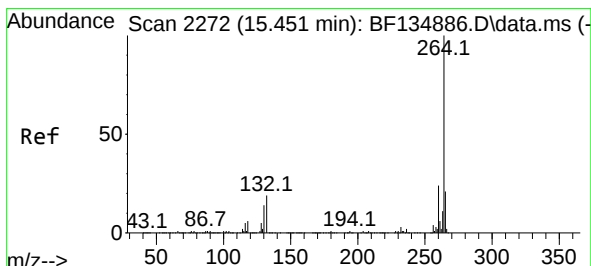
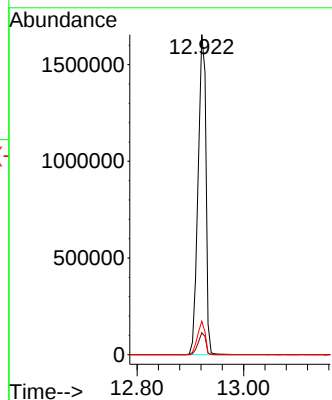
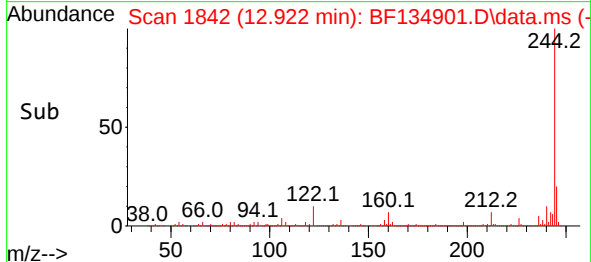


#79
 Terphenyl-d14
 Concen: 66.577 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: BF134901.D
 Acq: 23 Aug 2023 13:27

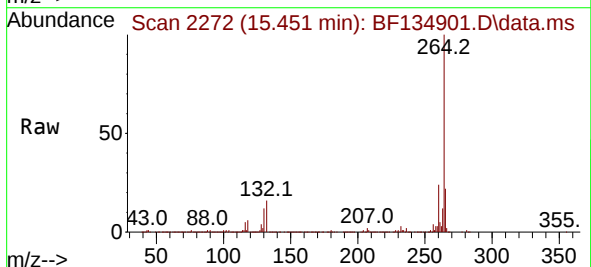
Instrument :
 BNA_F
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 ETGI-340



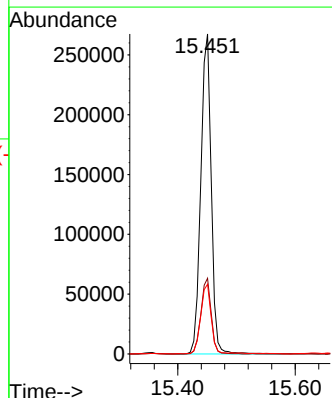
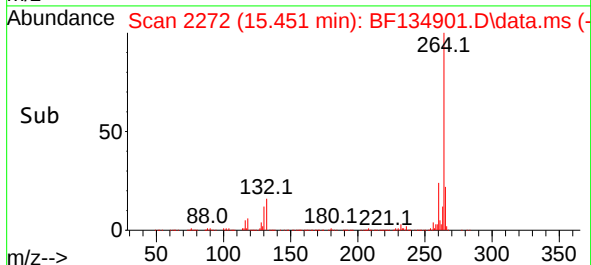
Tgt Ion:244 Resp: 1704163
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.5 8.2 12.4

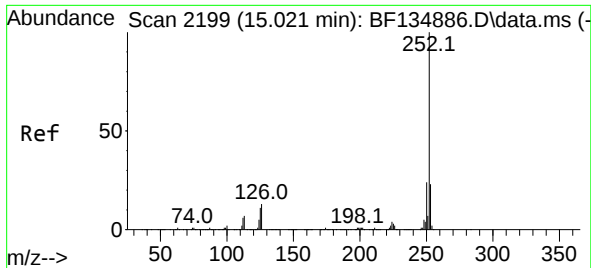


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.000 min
 Lab File: BF134901.D
 Acq: 23 Aug 2023 13:27



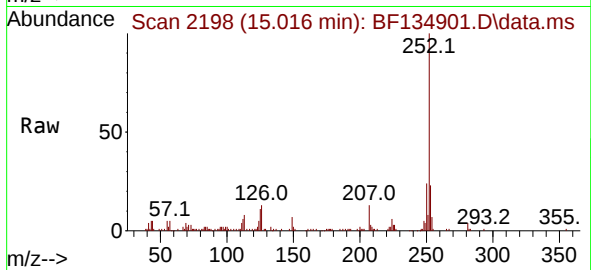
Tgt Ion:264 Resp: 329687
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 21.8 17.1 25.7





#88
 Benzo(b)fluoranthene
 Concen: 2.582 ng
 RT: 15.016 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF134901.D
 Acq: 23 Aug 2023 13:27

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-340



Tgt Ion:252 Resp: 48035
 Ion Ratio Lower Upper
 252 100
 253 22.7 18.1 27.1
 125 10.8 8.4 12.6

