

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
 Data File : BF126258.D
 Acq On : 18 Dec 2021 17:14
 Operator : JU/CG
 Sample : M5097-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-371

Quant Time: Dec 20 08:03:18 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	219749	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	942178	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	460570	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	775135	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	566671	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	442975	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1857382	124.473	ng	0.02
7) Phenol-d6	6.445	99	2272125	119.919	ng	0.00
23) Nitrobenzene-d5	7.381	82	1690714	97.187	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	572961	154.798	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	2201868	83.849	ng	0.00
79) Terphenyl-d14	12.933	244	2293301	70.341	ng	0.01

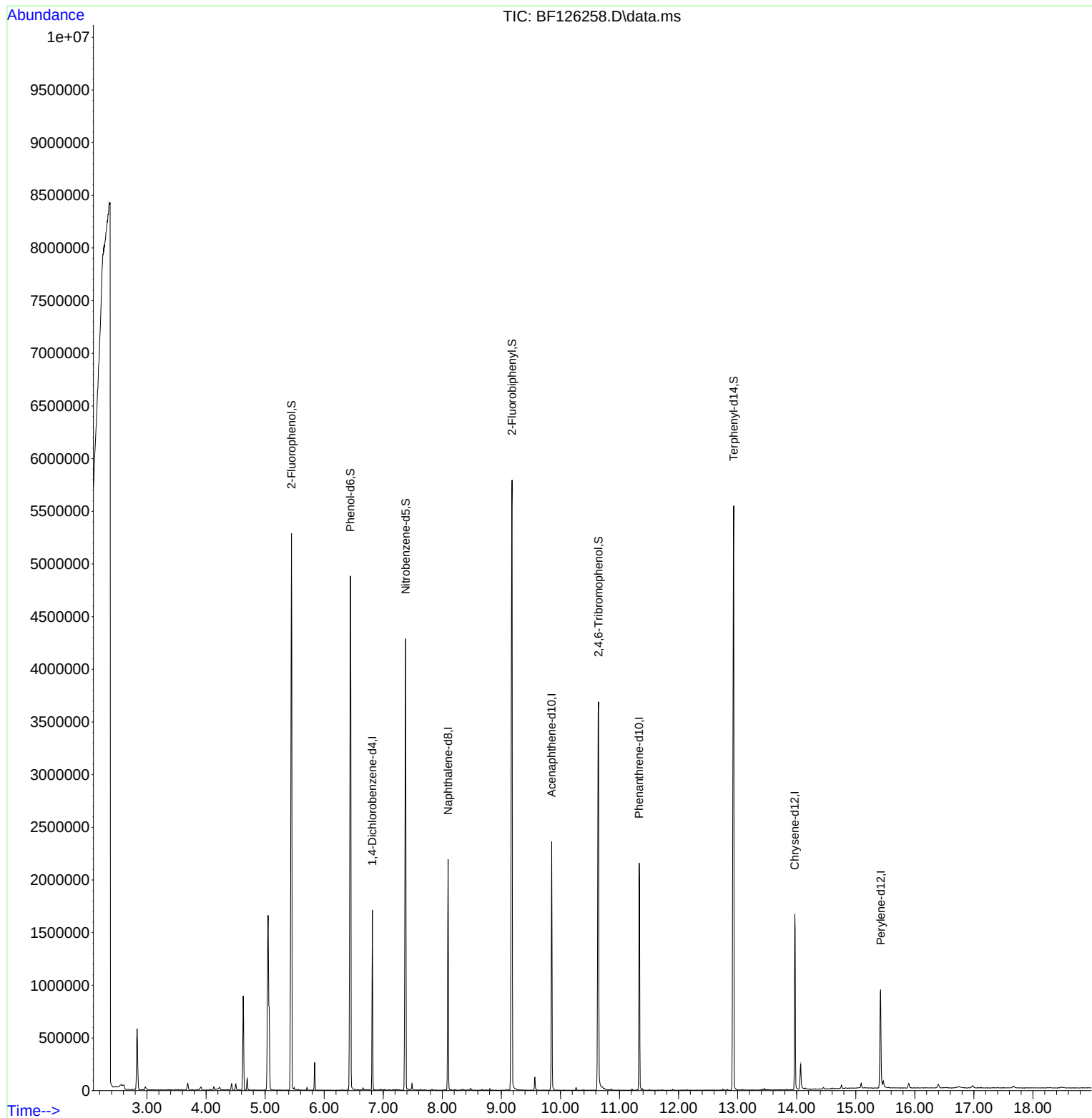
Target Compounds	Qvalue

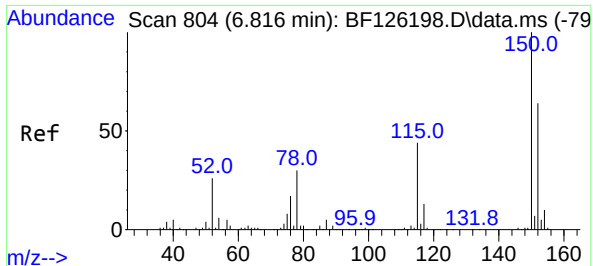
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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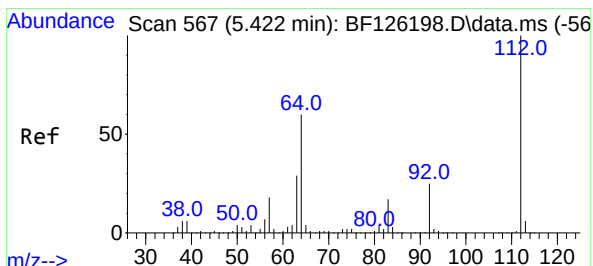
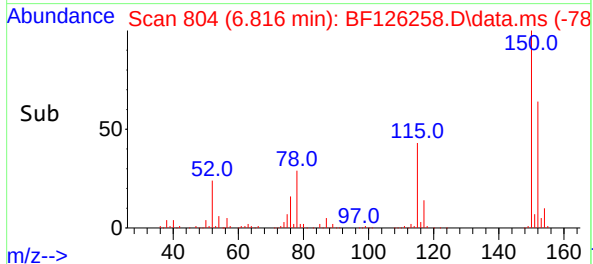
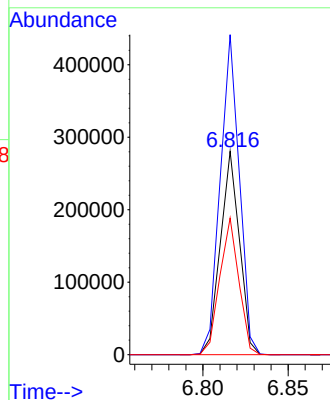
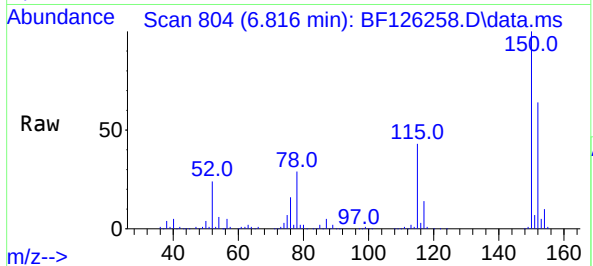




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126258.D
Acq: 18 Dec 2021 17:14

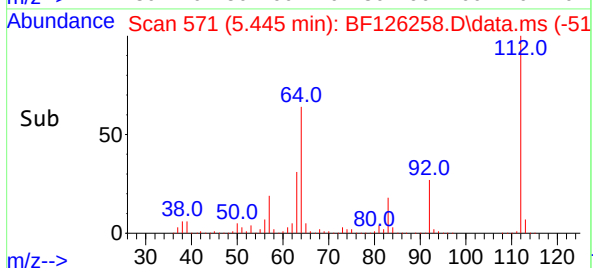
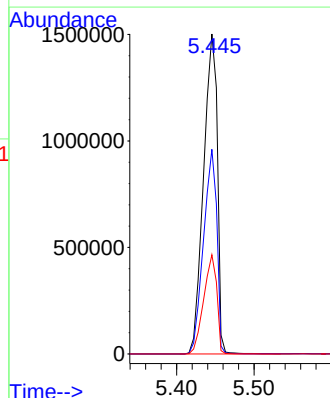
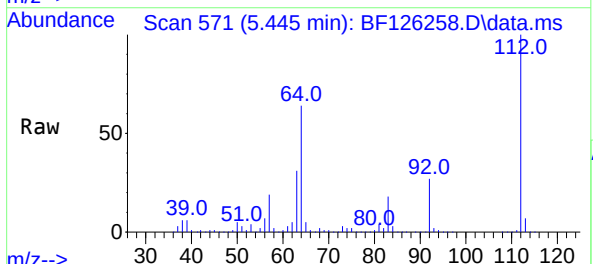
Instrument :
BNA_F
ClientSampleId :
ETGI-371

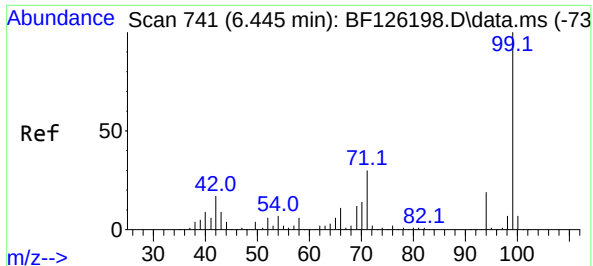
Tgt Ion:152 Resp: 219749
Ion Ratio Lower Upper
152 100
150 157.4 117.6 176.4
115 67.2 47.1 70.7



#5
2-Fluorophenol
Concen: 124.473 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.024 min
Lab File: BF126258.D
Acq: 18 Dec 2021 17:14

Tgt Ion:112 Resp: 1857382
Ion Ratio Lower Upper
112 100
64 64.0 44.2 66.2
63 31.0 26.2 39.2

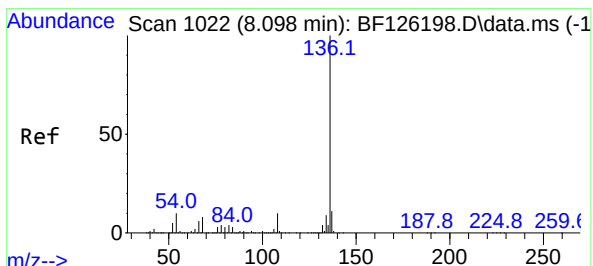
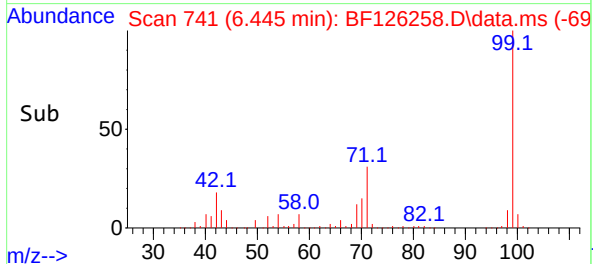
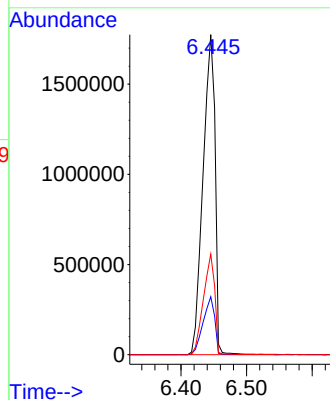
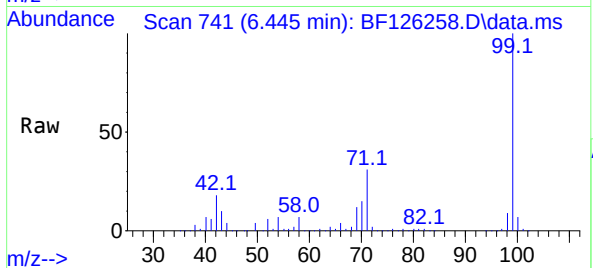




#7
Phenol-d6
Concen: 119.919 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF126258.D
Acq: 18 Dec 2021 17:14

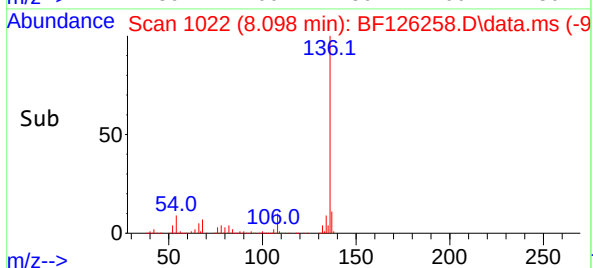
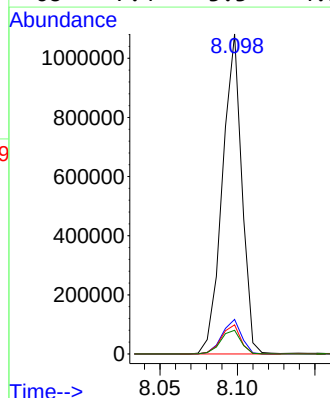
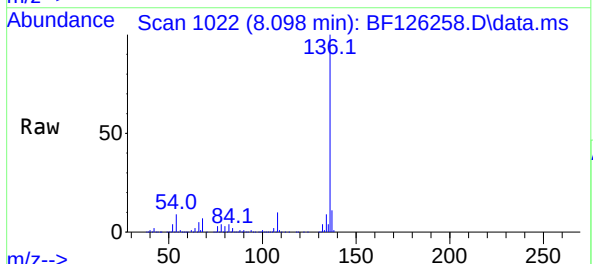
Instrument :
BNA_F
ClientSampleId :
ETGI-371

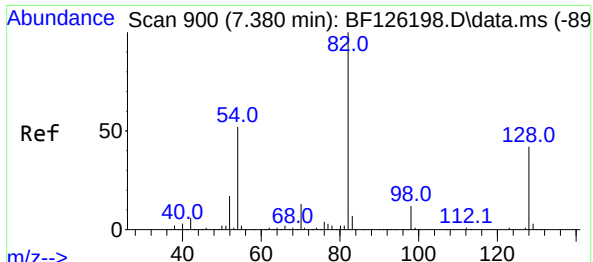
Tgt Ion: 99 Resp: 2272125
Ion Ratio Lower Upper
99 100
42 18.1 23.5 35.3#
71 31.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126258.D
Acq: 18 Dec 2021 17:14

Tgt Ion: 136 Resp: 942178
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 9.1 6.4 9.6
68 7.4 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 97.187 ng

RT: 7.381 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF126258.D

Acq: 18 Dec 2021 17:14

Instrument :

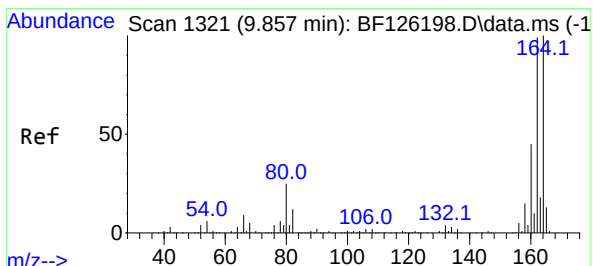
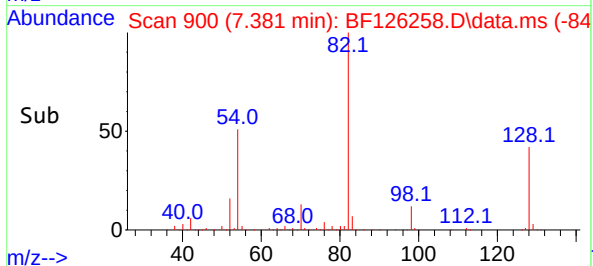
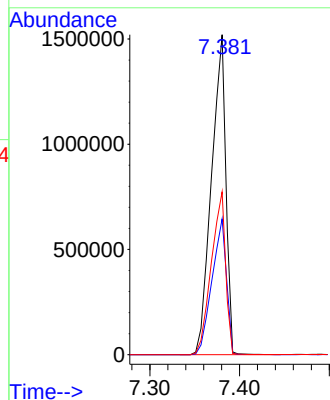
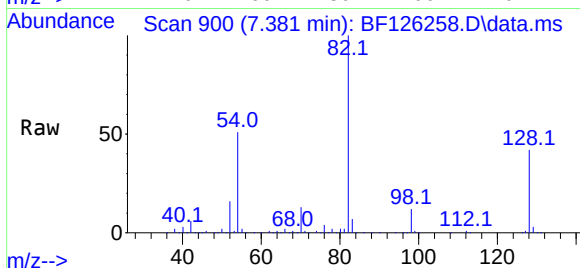
BNA_F

ClientSampleId :

ETGI-371

Tgt Ion: 82 Resp: 1690714

Ion	Ratio	Lower	Upper
82	100		
128	42.5	40.6	60.8
54	50.9	49.6	74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1320

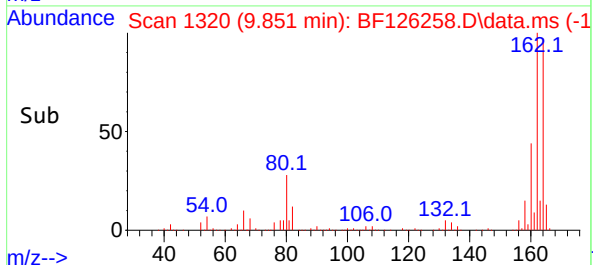
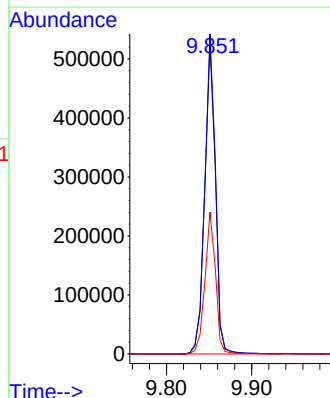
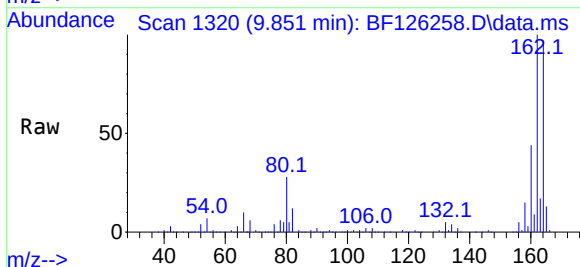
Delta R.T. -0.006 min

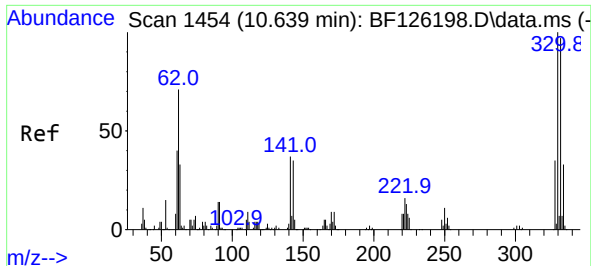
Lab File: BF126258.D

Acq: 18 Dec 2021 17:14

Tgt Ion:164 Resp: 460570

Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.3	121.9
160	45.6	38.0	57.0





#42

2,4,6-Tribromophenol

Concen: 154.798 ng

RT: 10.645 min Scan# 1454

Delta R.T. 0.006 min

Lab File: BF126258.D

Acq: 18 Dec 2021 17:14

Instrument :

BNA_F

ClientSampleId :

ETGI-371

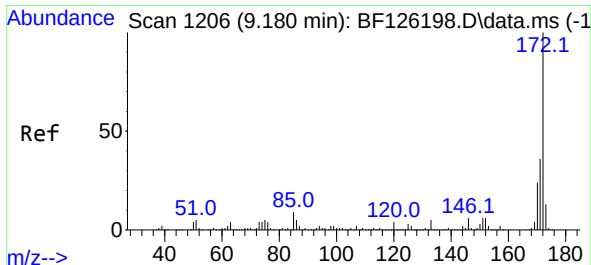
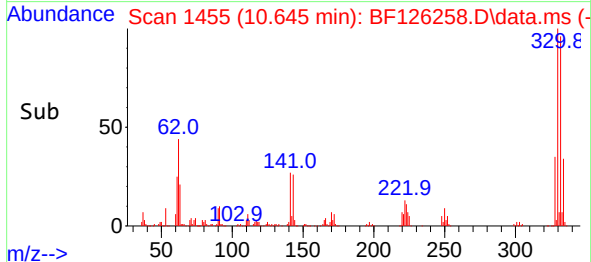
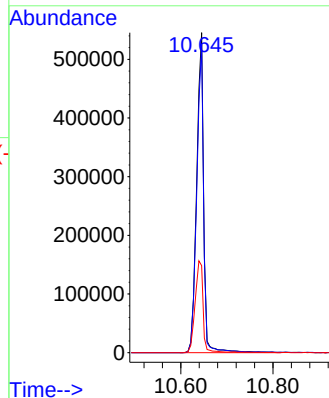
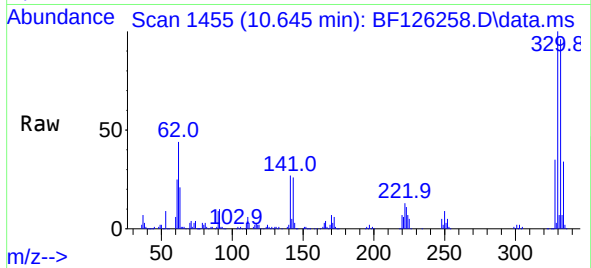
Tgt Ion:330 Resp: 572961

Ion Ratio Lower Upper

330 100

332 94.8 76.2 114.4

141 32.5 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 83.849 ng

RT: 9.180 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF126258.D

Acq: 18 Dec 2021 17:14

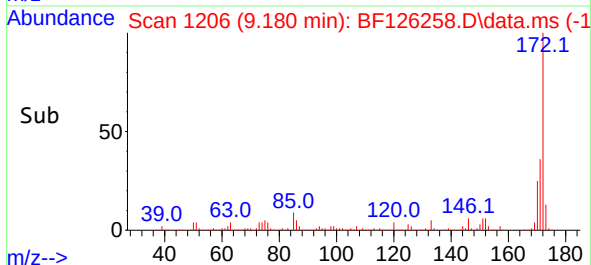
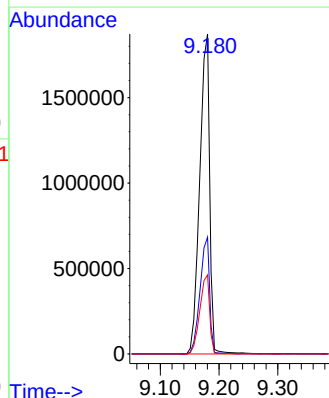
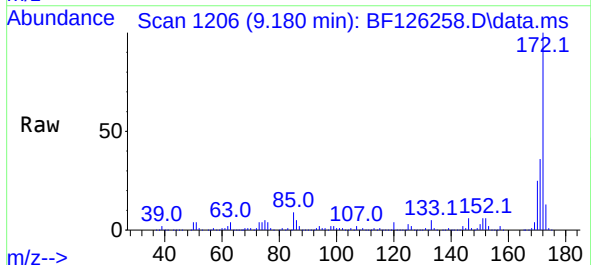
Tgt Ion:172 Resp: 2201868

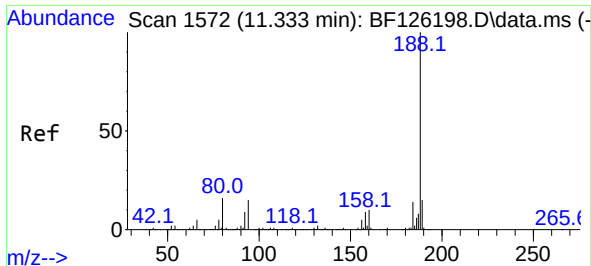
Ion Ratio Lower Upper

172 100

171 36.5 26.5 39.7

170 24.7 18.8 28.2

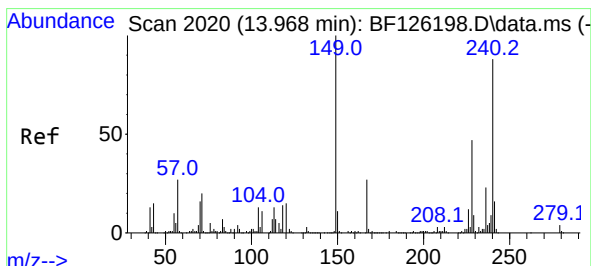
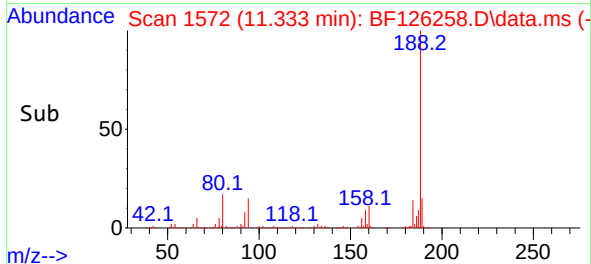
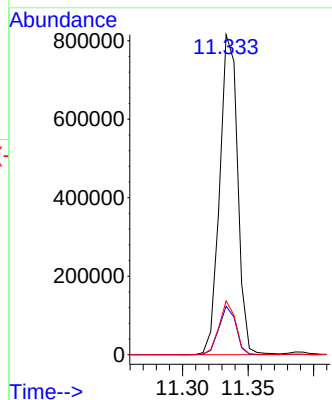
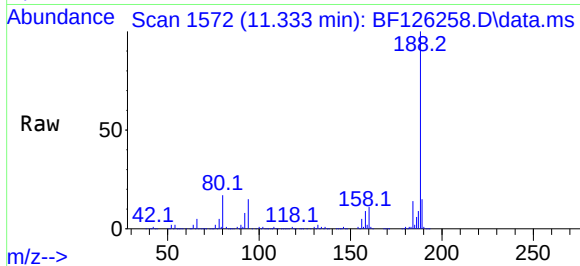




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126258.D
Acq: 18 Dec 2021 17:14

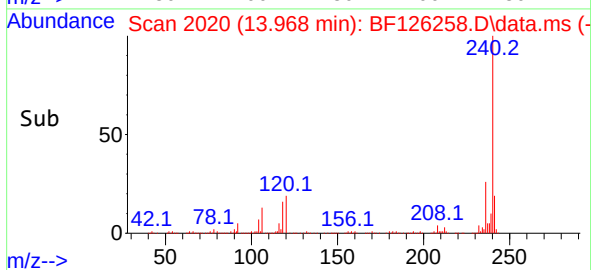
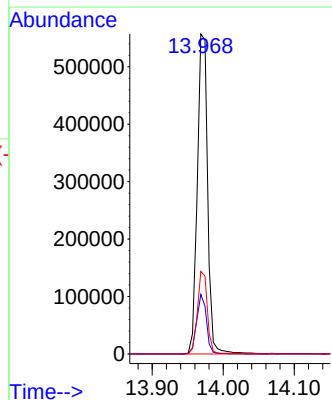
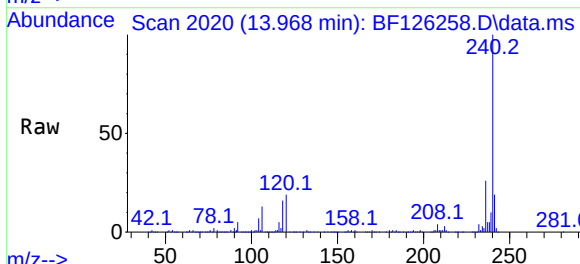
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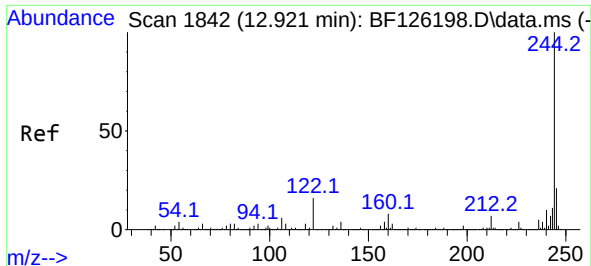
Tgt Ion:188 Resp: 775135
Ion Ratio Lower Upper
188 100
94 15.1 6.7 10.1#
80 16.8 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF126258.D
Acq: 18 Dec 2021 17:14

Tgt Ion:240 Resp: 566671
Ion Ratio Lower Upper
240 100
120 18.6 10.8 16.2#
236 25.8 21.6 32.4

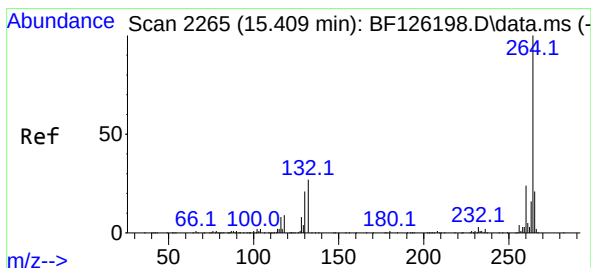
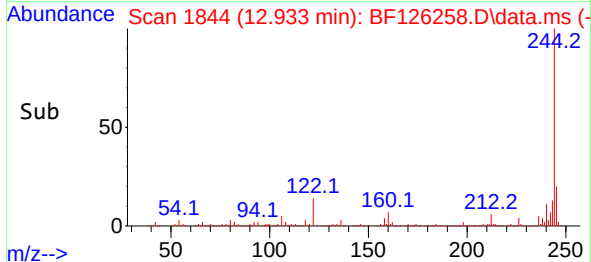
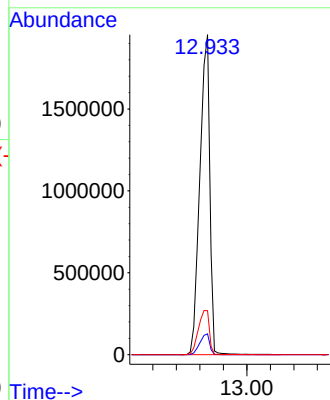
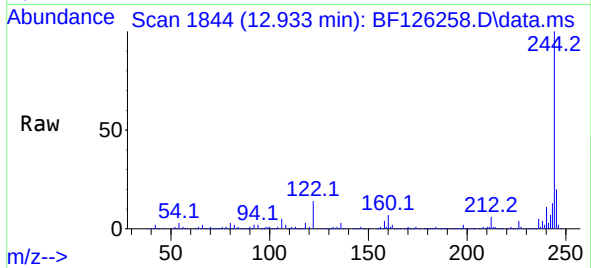




#79
 Terphenyl-d14
 Concen: 70.341 ng
 RT: 12.933 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF126258.D
 Acq: 18 Dec 2021 17:14

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-371

Tgt Ion:244 Resp: 2293301
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.9 8.9
 122 13.8 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. 0.012 min
 Lab File: BF126258.D
 Acq: 18 Dec 2021 17:14

Tgt Ion:264 Resp: 442975
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 20.2 17.2 25.8

