

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF033020\
 Data File : BF119631.D
 Acq On : 30 Mar 2020 14:29
 Operator : MA/SJ
 Sample : L2058-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETGI-287

Quant Time: Mar 30 15:09:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

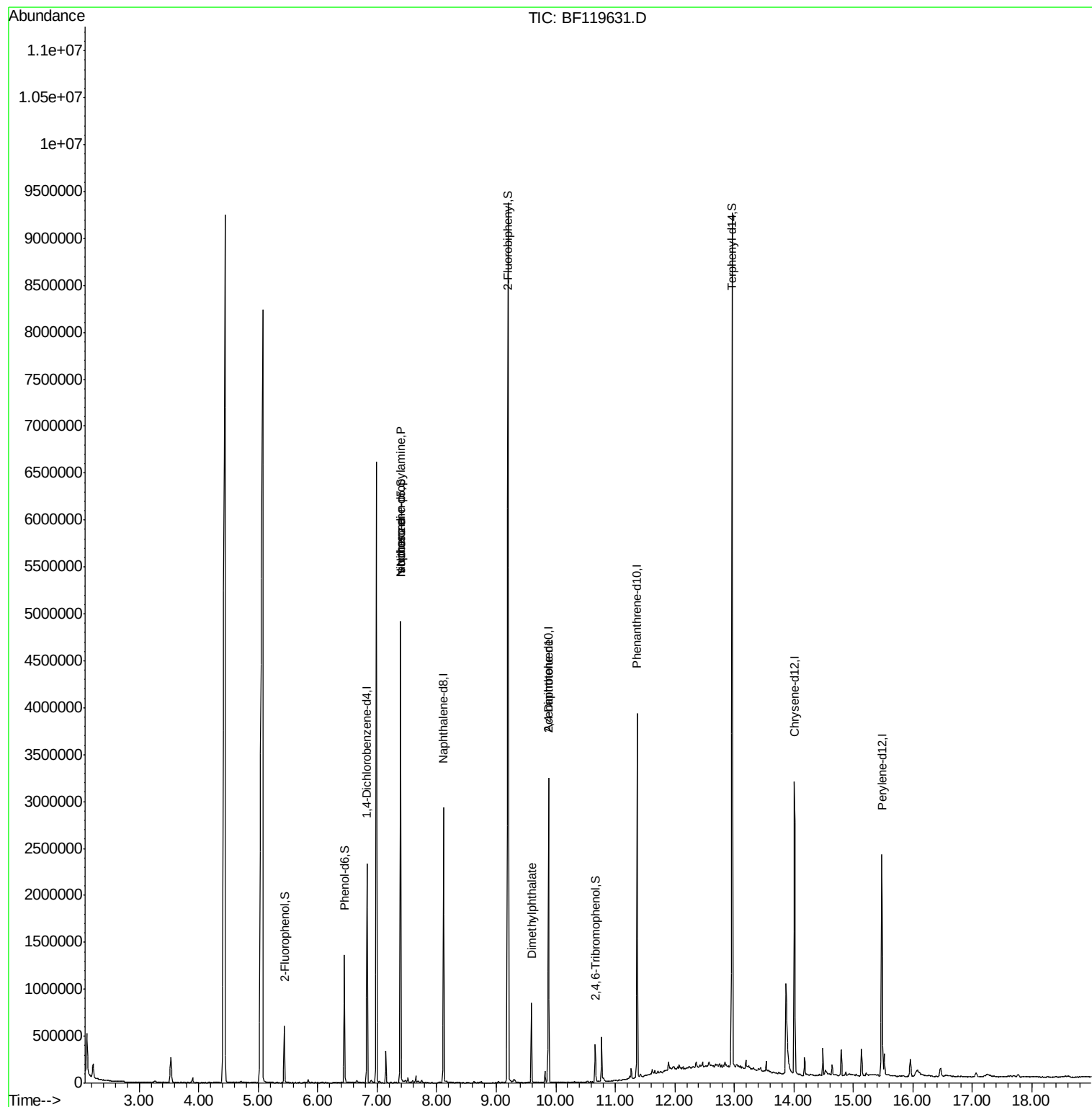
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	338728	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1318628	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	711134	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1392759	20.00	ng	0.00
76) Chrysene-d12	14.01	240	1075171	20.00	ng	0.00
87) Perylene-d12	15.48	264	1133576	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	158271	7.44	ng	0.00
7) Phenol-d6	6.45	99	411941	15.16	ng	-0.02
23) Nitrobenzene-d5	7.39	82	1666871	68.70	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	46560	6.35	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	3098402	64.55	ng	0.00
79) Terphenyl-d14	12.96	244	3555752	64.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	213819	13.051	ng	# 77
25) Isophorone	7.39	82	1646929	33.462	ng	# 65
50) Dimethylphthalate	9.59	163	347550	6.881	ng	99
57) 2,4-Dinitrotoluene	9.88	165	91282	6.693	ng	# 20

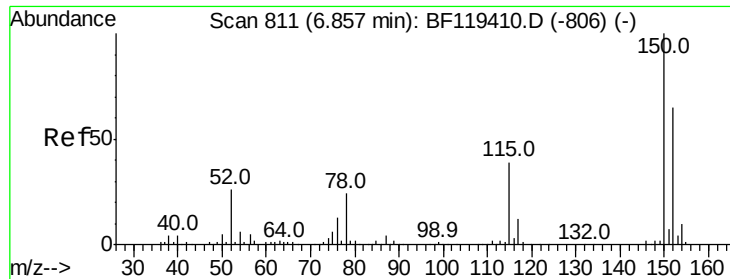
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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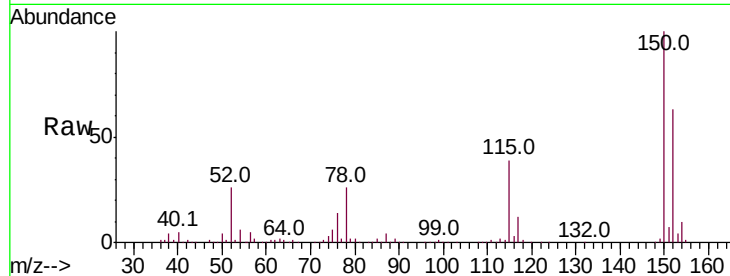


#1

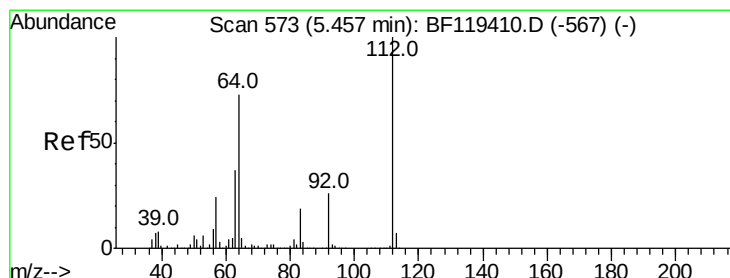
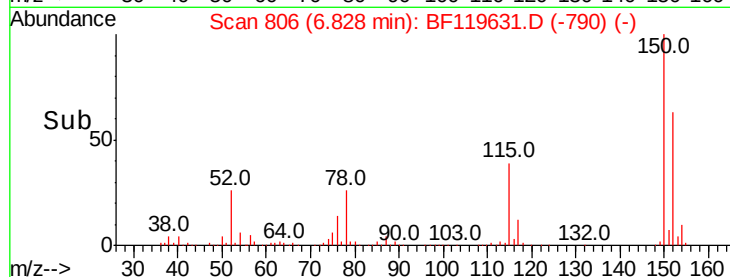
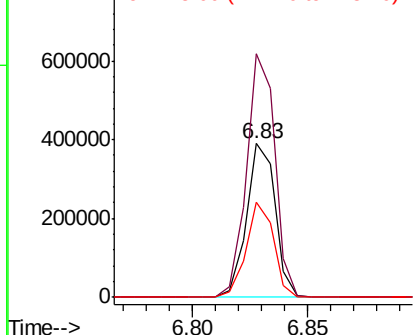
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF119631.D
Acq: 30 Mar 2020 14:29

Instrument :
BNA_M
ClientSampleId :
ETGI-287

Tot Ion:152 Resp: 338728
Ion Ratio Lower Upper
152 100
150 158.2 124.5 186.7
115 61.7 49.6 74.4



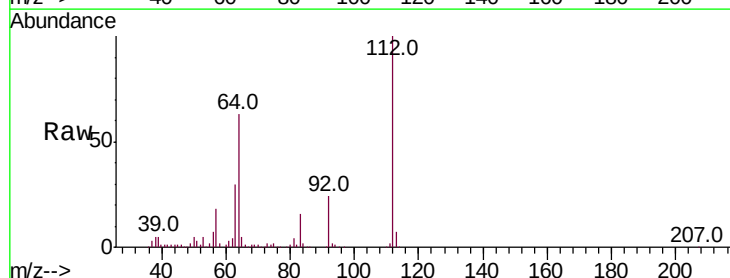
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



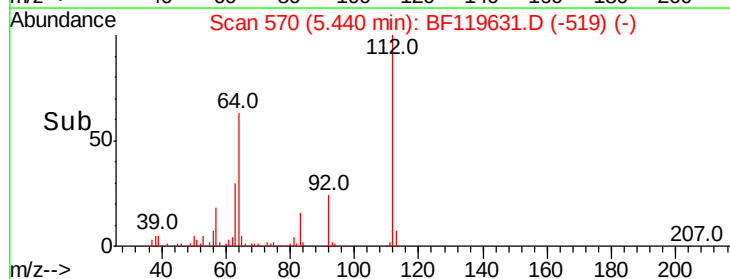
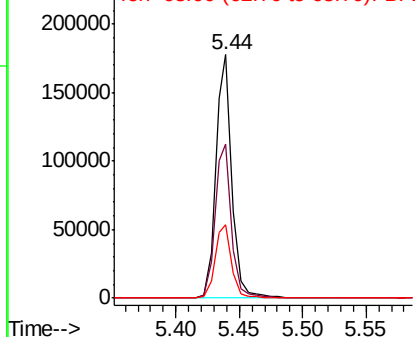
#5

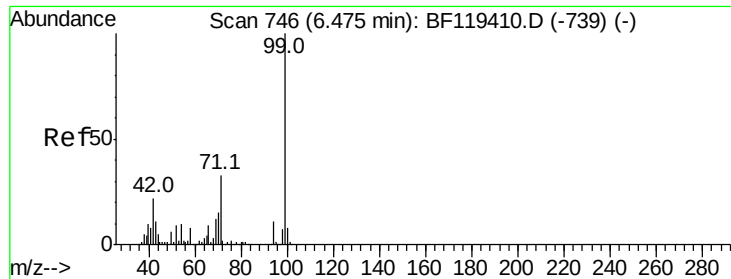
2-Fluorophenol
Concen: 7.438 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF119631.D
Acq: 30 Mar 2020 14:29

Tgt Ion:112 Resp: 158271
Ion Ratio Lower Upper
112 100
64 63.0 56.7 85.1
63 30.3 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 15.155 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF119631.D

Acq: 30 Mar 2020 14:29

Instrument :

BNA_M

ClientSampleId :

ETGI-287

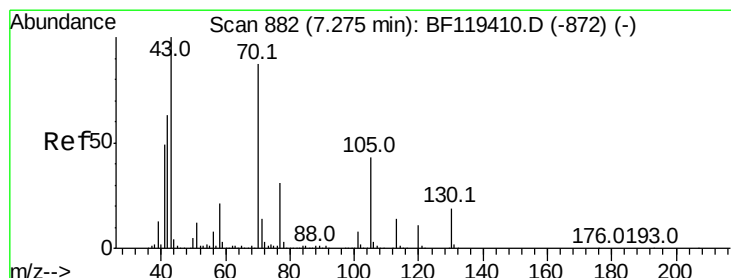
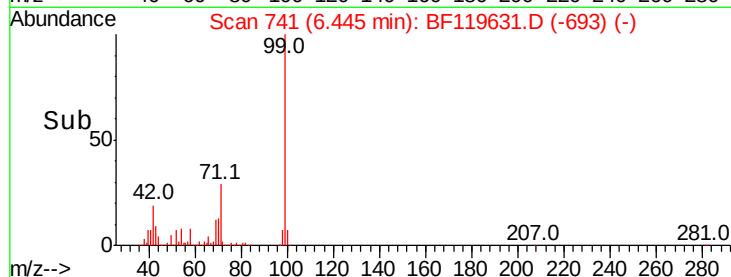
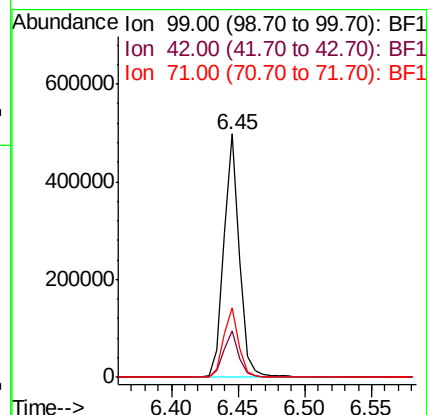
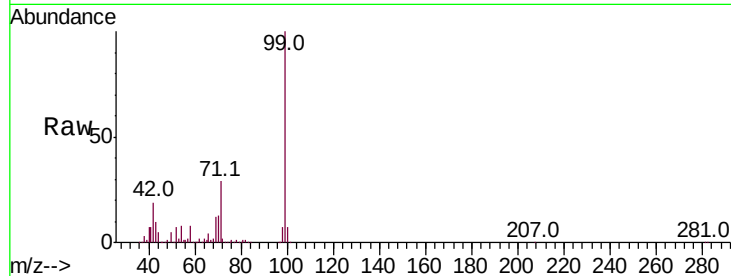
Tot Ion: 99 Resp: 411941

Ion Ratio Lower Upper

99 100

42 19.1 16.6 24.8

71 28.7 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 13.051 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF119631.D

Acq: 30 Mar 2020 14:29

Tgt Ion: 70 Resp: 213819

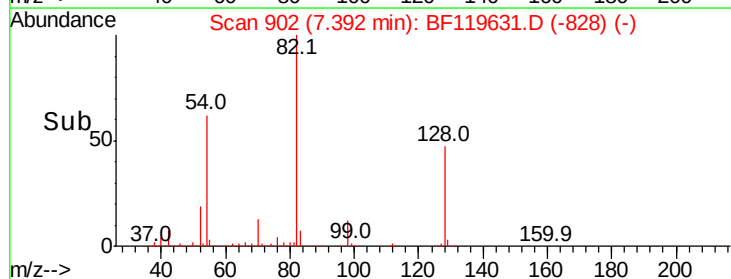
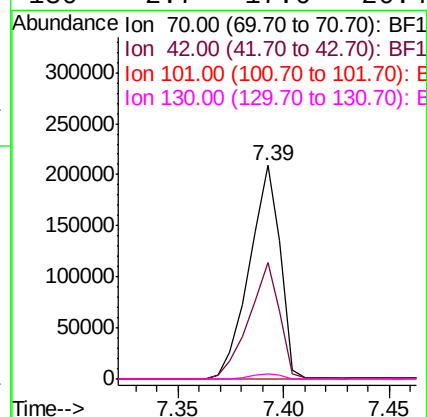
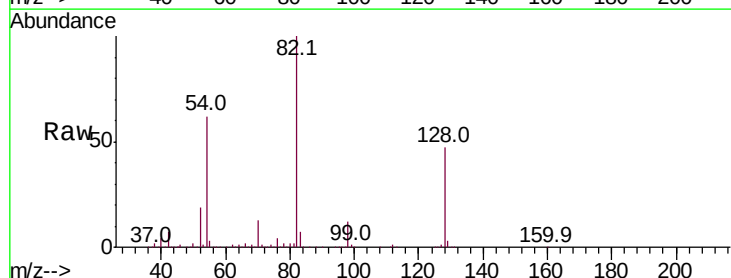
Ion Ratio Lower Upper

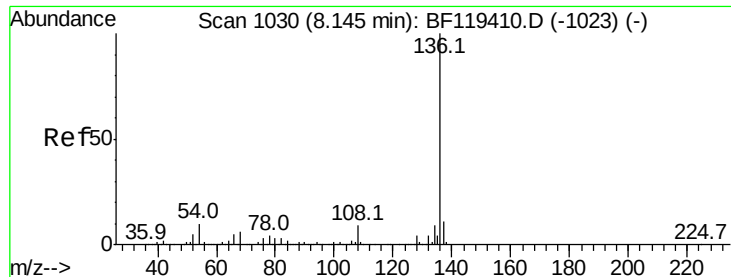
70 100

42 54.6 54.5 81.7

101 0.0 7.6 11.4#

130 2.7 17.6 26.4#

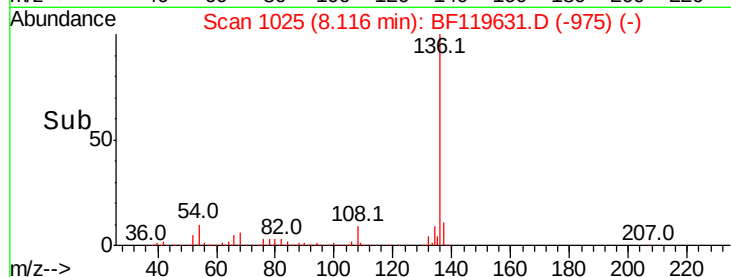
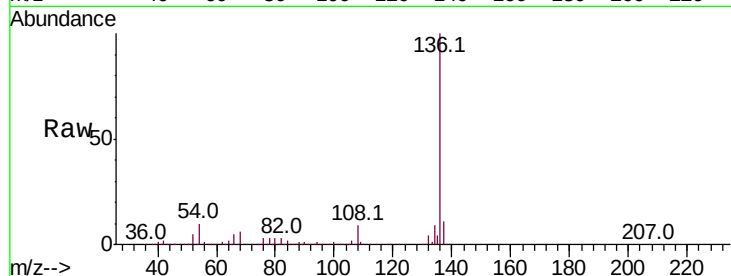




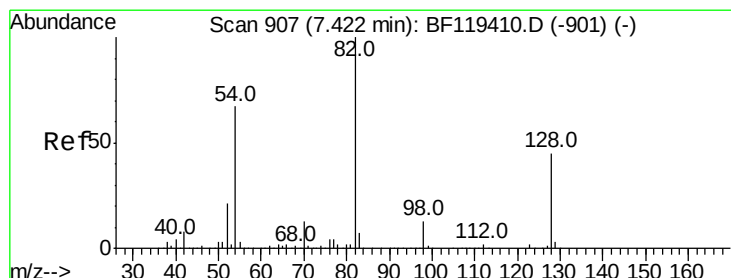
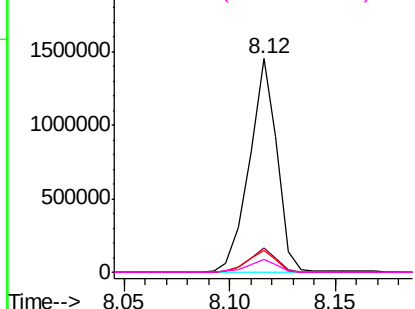
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF119631.D
Acq: 30 Mar 2020 14:29

Instrument :
BNA_M
ClientSampleId :
ETGI-287

Tot Ion:136	Resp: 1318628
Ion Ratio	Lower Upper
136 100	
137 11.3	8.7 13.1
54 10.4	9.1 13.7
68 6.2	4.6 6.8

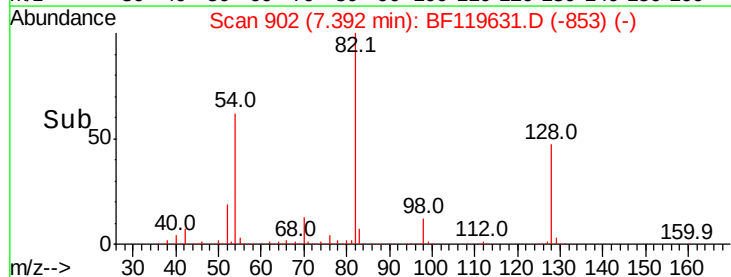
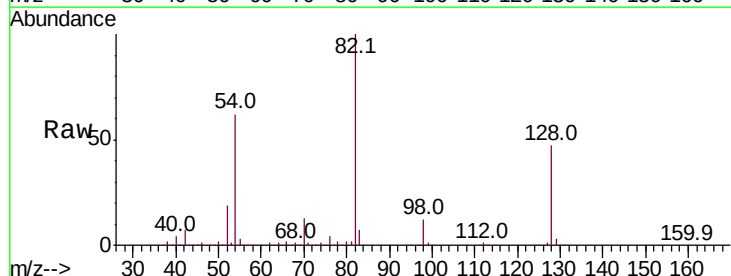


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

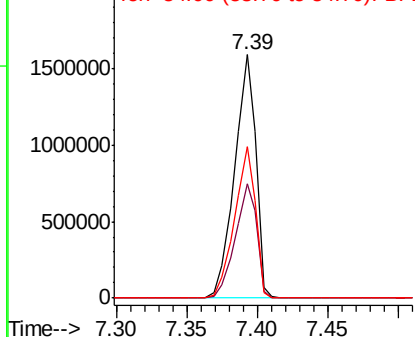


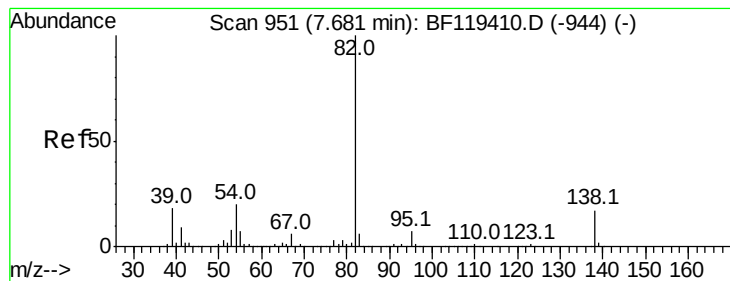
#23
Nitrobenzene-d5
Concen: 68.701 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119631.D
Acq: 30 Mar 2020 14:29

Tgt Ion: 82	Resp: 1666871
Ion Ratio	Lower Upper
82 100	
128 46.8	36.3 54.5
54 62.3	50.6 75.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 33.462 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.27 min

Lab File: BF119631.D

Acq: 30 Mar 2020 14:29

Instrument :

BNA_M

ClientSampleId :

ETGI-287

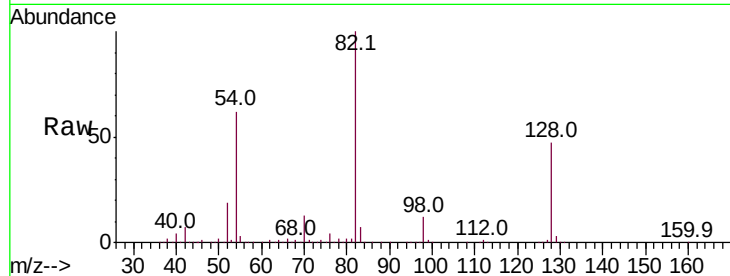
Tot Ion: 82 Resp: 1646929

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

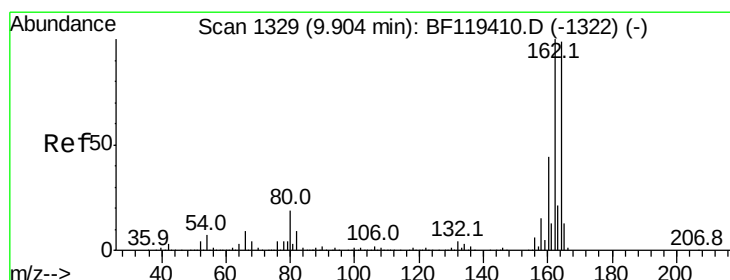
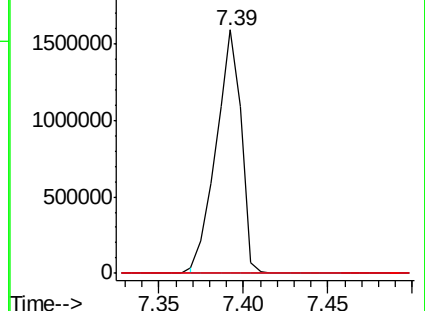
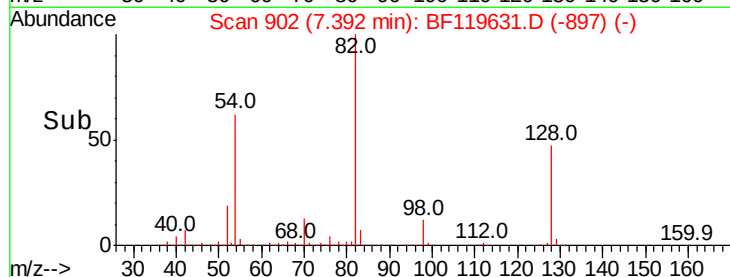
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF119631.D

Acq: 30 Mar 2020 14:29

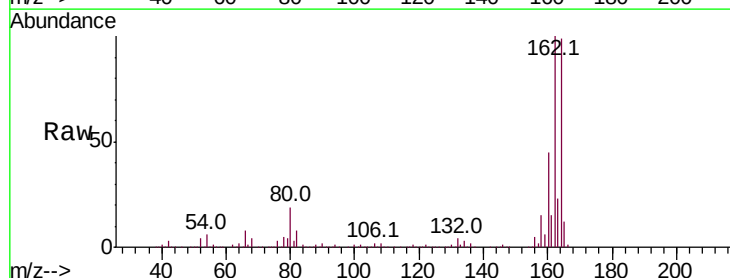
Tgt Ion:164 Resp: 711134

Ion Ratio Lower Upper

164 100

162 101.5 80.6 121.0

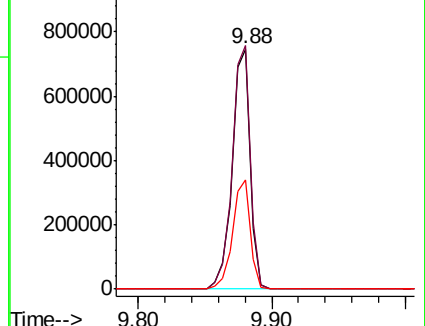
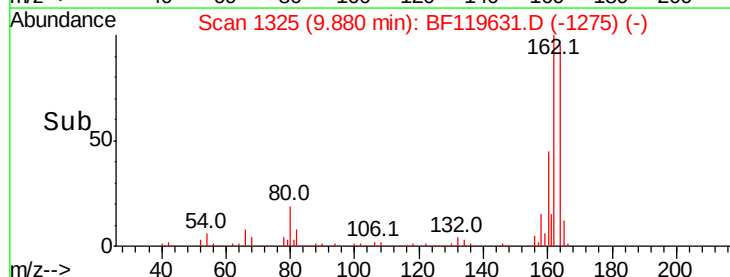
160 45.6 35.7 53.5

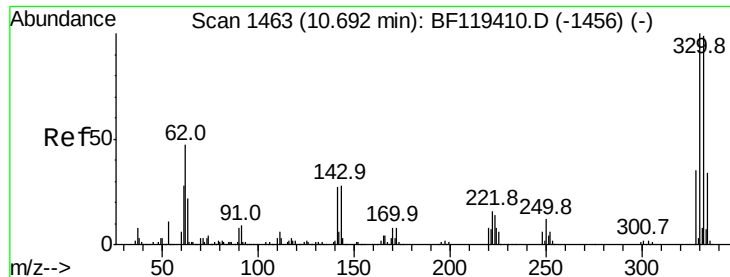


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 6.346 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF119631.D

Acq: 30 Mar 2020 14:29

Instrument :

BNA_M

ClientSampleId :

ETGI-287

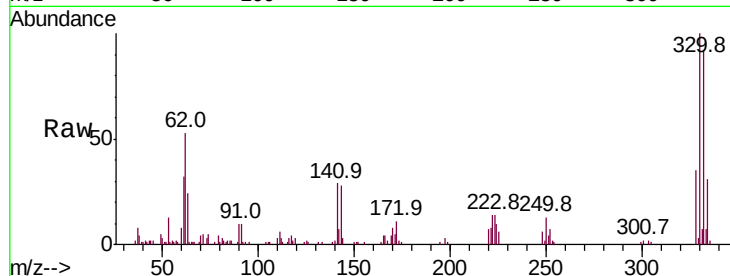
Tot Ion:330 Resp: 46560

Ion Ratio Lower Upper

330 100

332 94.2 75.7 113.5

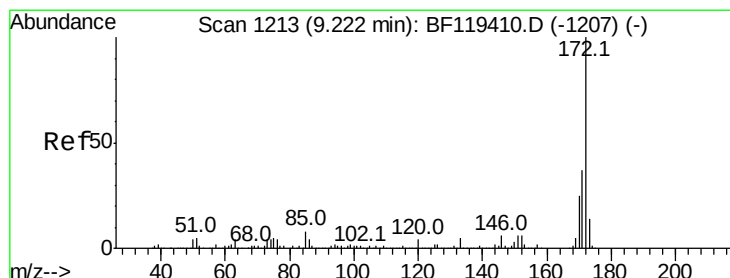
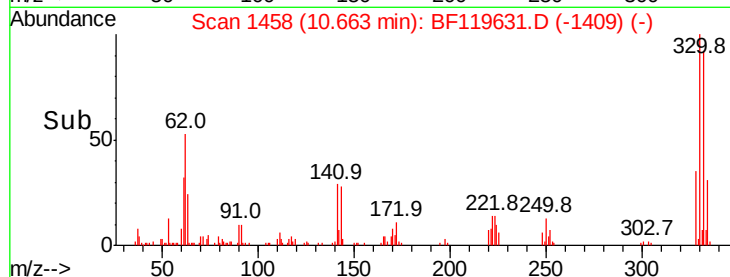
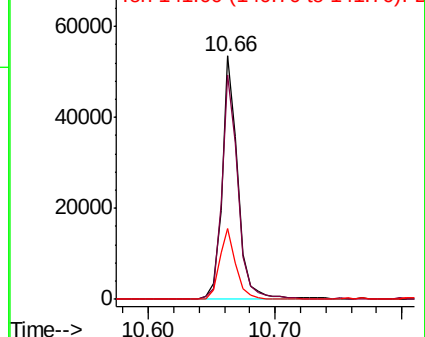
141 30.0 25.4 38.0



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 64.548 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF119631.D

Acq: 30 Mar 2020 14:29

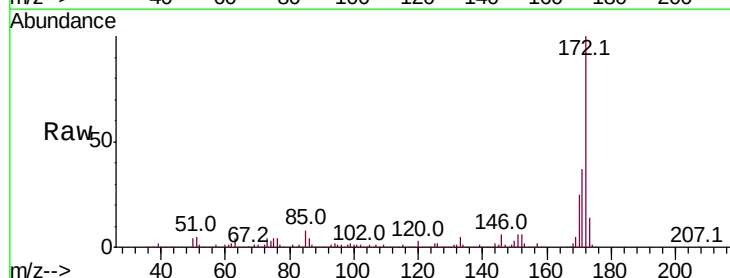
Tgt Ion:172 Resp: 3098402

Ion Ratio Lower Upper

172 100

171 37.4 29.6 44.4

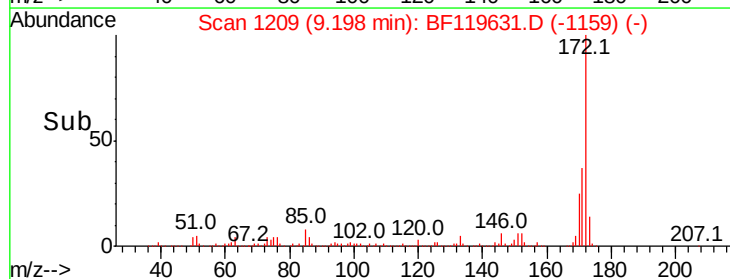
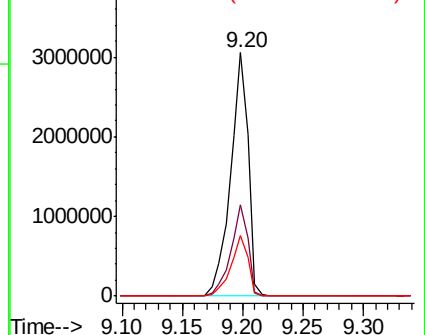
170 24.9 20.2 30.2

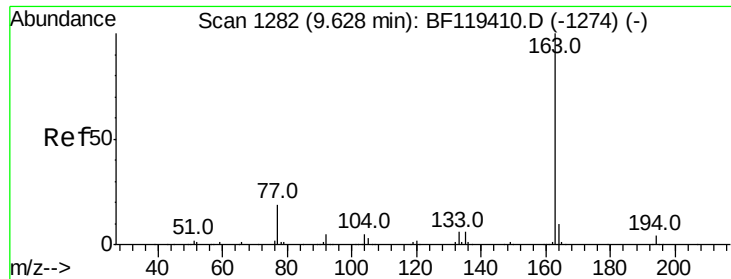


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

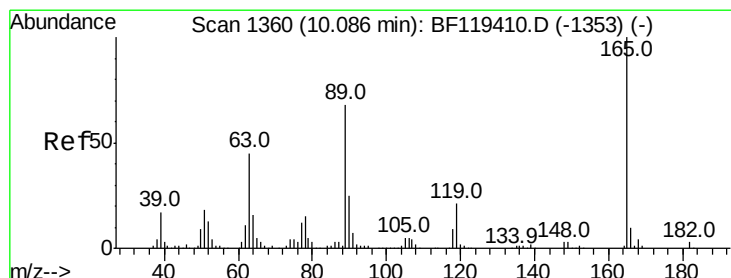
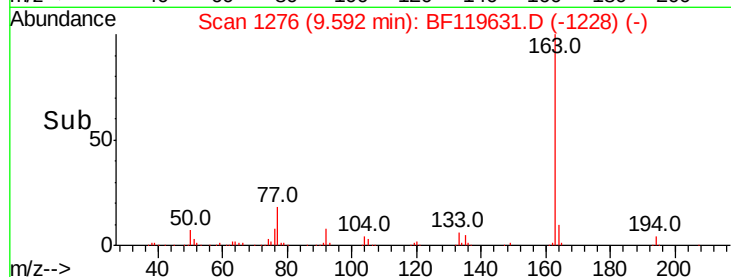
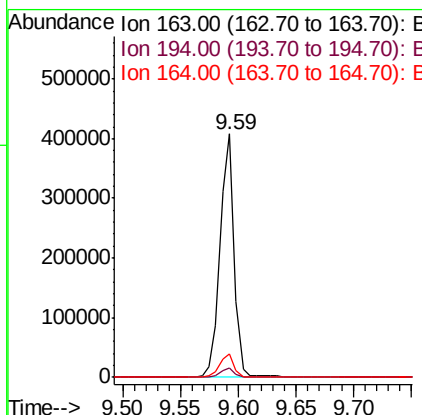
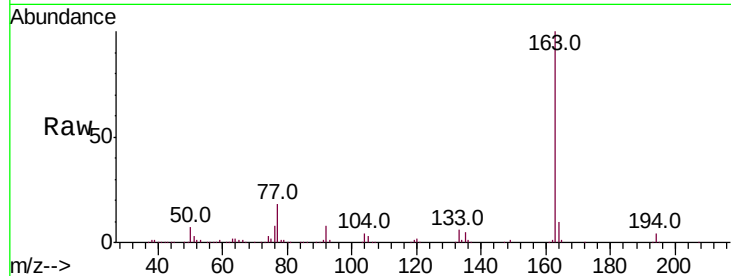




#50
 Dimethylphthalate
 Concen: 6.881 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF119631.D
 Acq: 30 Mar 2020 14:29

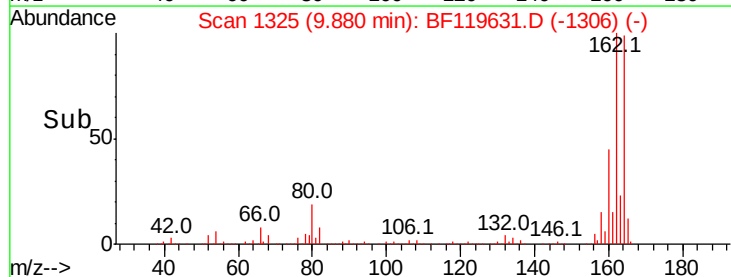
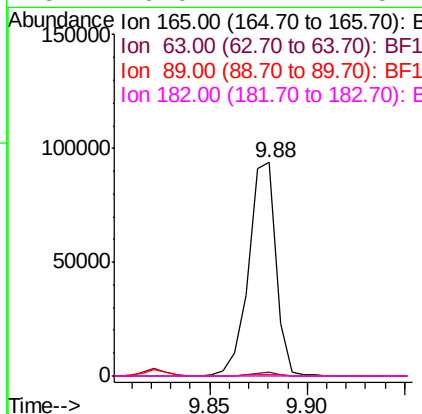
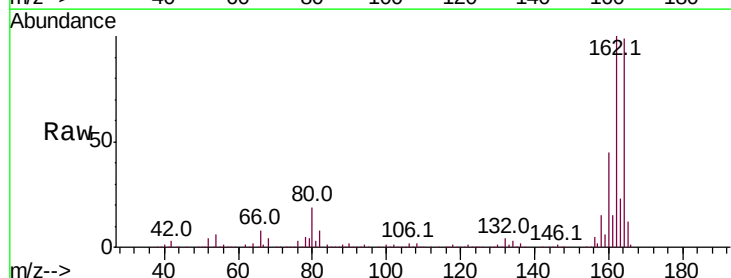
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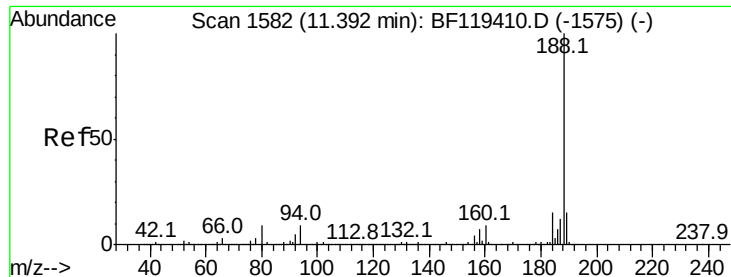
Tot Ion:	163	Resp:	347550
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	9.8	8.2	12.2



#57
 2,4-Dinitrotoluene
 Concen: 6.693 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.19 min
 Lab File: BF119631.D
 Acq: 30 Mar 2020 14:29

Tgt Ion:	165	Resp:	91282
Ion	Ratio	Lower	Upper
165	100		
63	1.7	42.6	64.0#
89	0.8	61.0	91.4#
182	0.0	2.2	3.2#

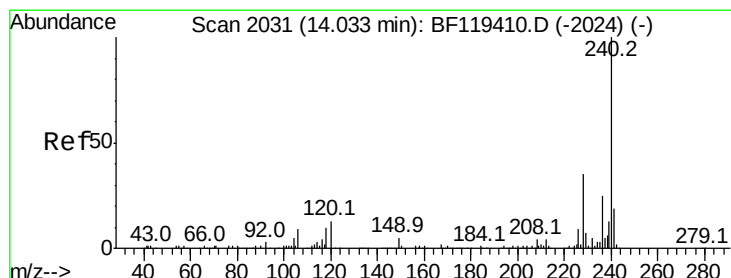
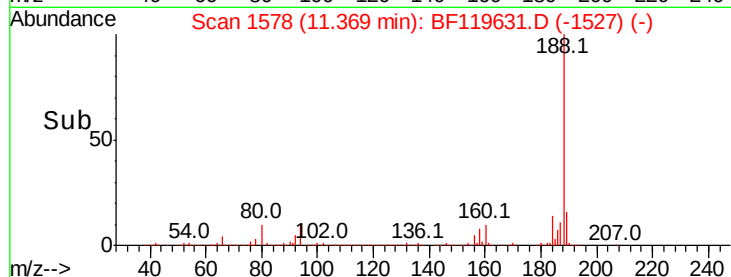
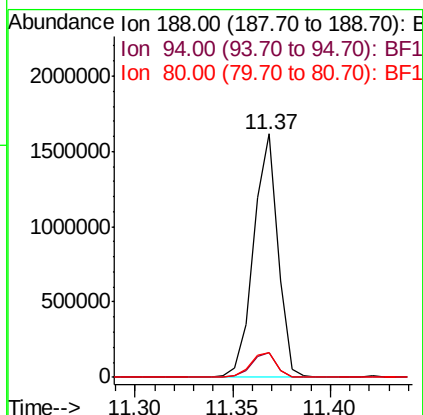
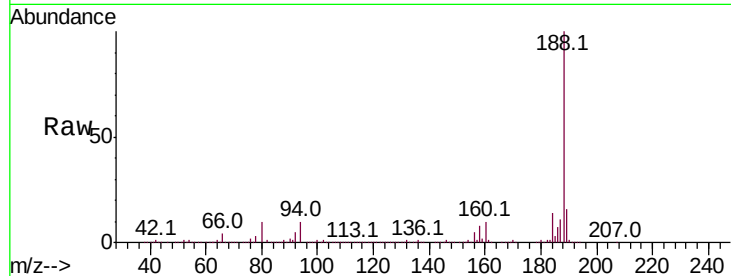




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF119631.D
Acq: 30 Mar 2020 14:29

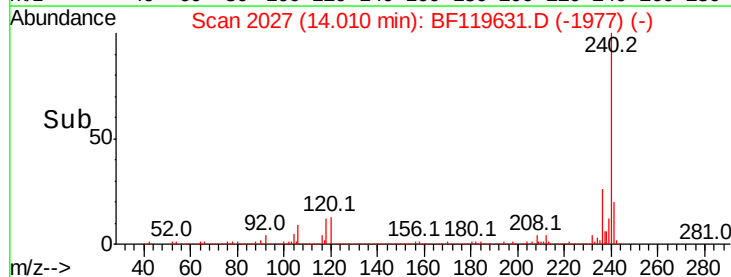
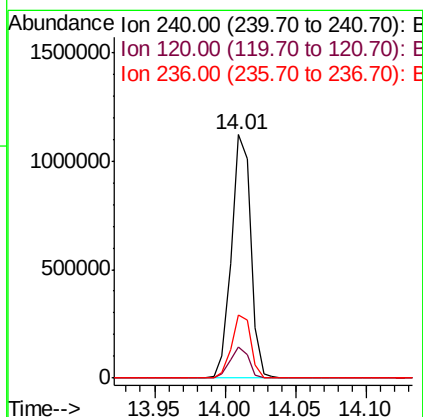
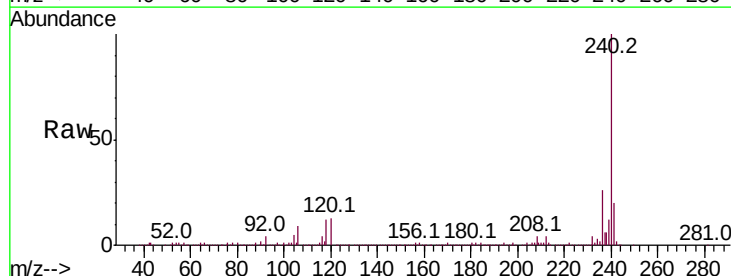
Instrument :
BNA_M
ClientSampleId :
ETGI-287

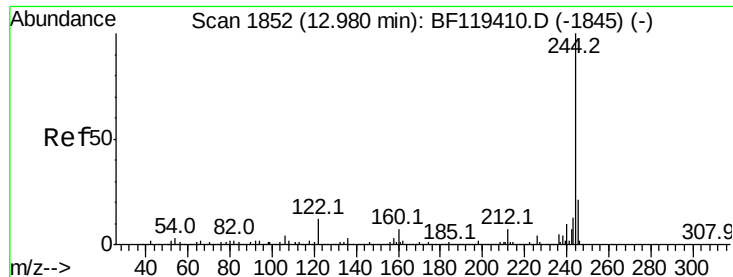
Tot Ion:188 Resp: 1392759
Ion Ratio Lower Upper
188 100
94 10.0 7.5 11.3
80 10.3 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF119631.D
Acq: 30 Mar 2020 14:29

Tgt Ion:240 Resp: 1075171
Ion Ratio Lower Upper
240 100
120 12.8 10.6 15.8
236 26.1 20.2 30.2





#79

Terphenyl-d14

Concen: 64.794 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF119631.D

Acq: 30 Mar 2020 14:29

Instrument :

BNA_M

ClientSampleId :

ETGI-287

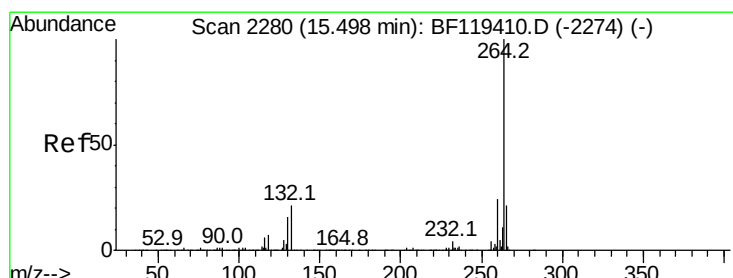
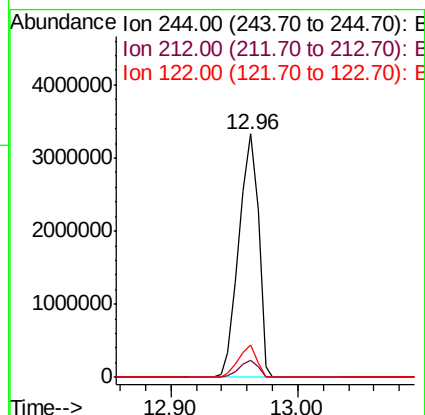
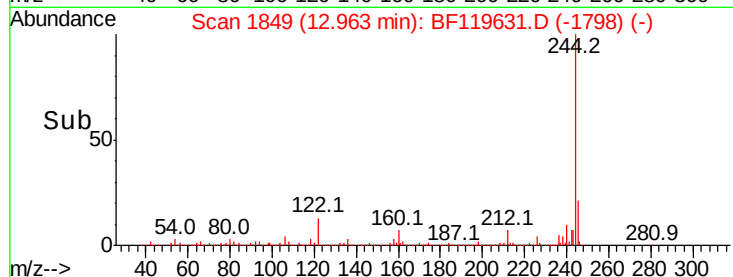
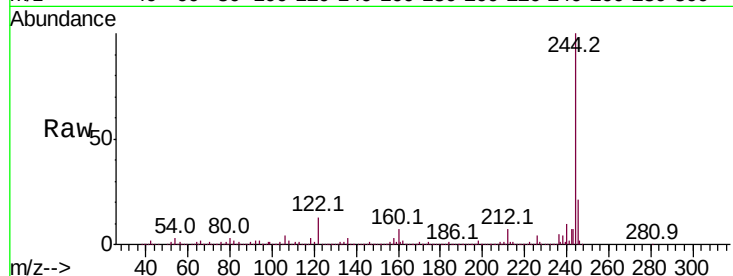
Tot Ion:244 Resp: 3555752

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

122 13.1 10.3 15.5



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BF119631.D

Acq: 30 Mar 2020 14:29

Tgt Ion:264 Resp: 1133576

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.6 17.7 26.5

