

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
 Data File : BF120176.D
 Acq On : 23 Apr 2020 21:00
 Operator : MA/SJ
 Sample : L2381-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337

Quant Time: Apr 24 01:24:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:31:01 2020
 Response via : Initial Calibration

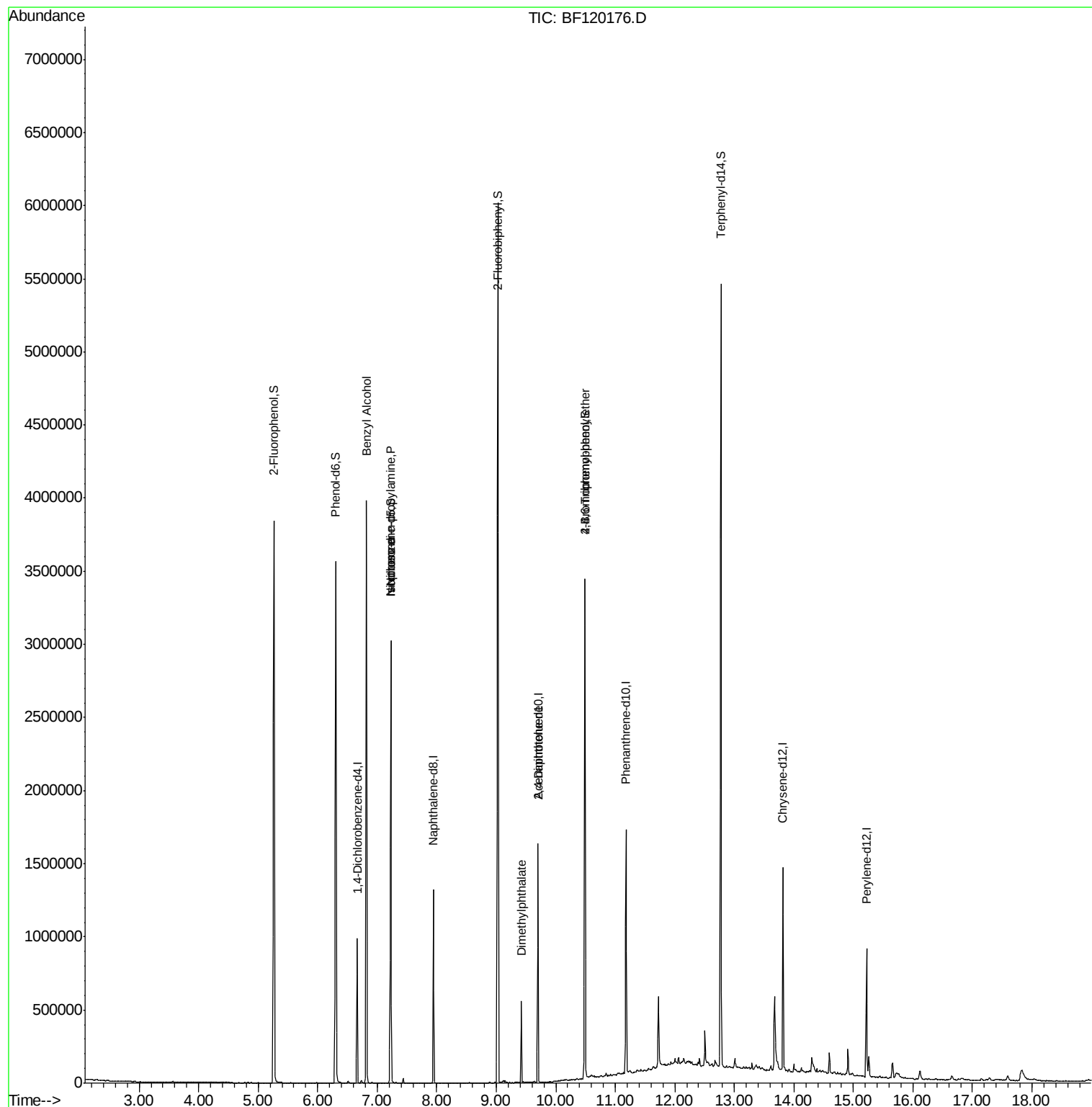
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	139300	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	543687	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	293092	20.00	ng	0.00
64) Phenanthrene-d10	11.18	188	570273	20.00	ng	0.00
76) Chrysene-d12	13.82	240	456382	20.00	ng	-0.01
87) Perylene-d12	15.22	264	383693	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1149732	142.64	ng	0.00
7) Phenol-d6	6.30	99	1530724	147.38	ng	0.00
23) Nitrobenzene-d5	7.23	82	1013673	96.45	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	436659	121.68	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	2009111	97.32	ng	0.00
79) Terphenyl-d14	12.78	244	2258198	83.26	ng	0.00
Target Compounds						
9) Benzaldehyde	6.31	77	2017	Below Cal	#	1
15) Benzyl Alcohol	6.82	79	16892	2.094 ng	#	47
19) n-Nitroso-di-n-propylamine	7.23	70	131994	19.763 ng	#	75
25) Isophorone	7.23	82	1008710	49.791 ng	#	65
50) Dimethylphthalate	9.42	163	191988	8.469 ng		97
57) 2,4-Dinitrotoluene	9.70	165	37238	5.693 ng	#	19
67) 4-Bromophenyl-phenylether	10.49	248	26561	3.745 ng	#	1

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

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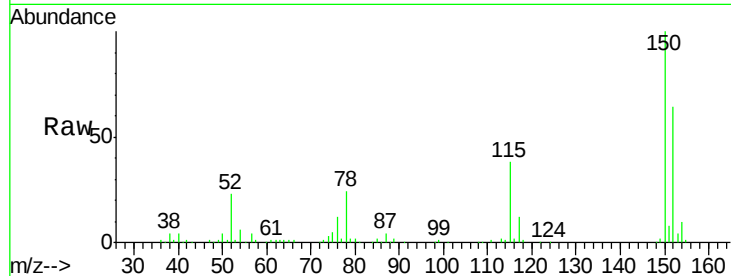


#1

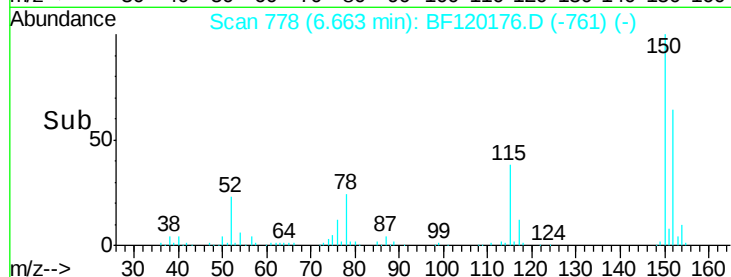
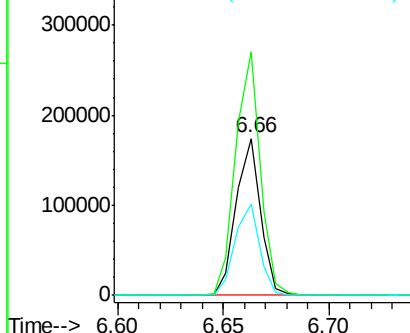
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF120176.D
 Acq: 23 Apr 2020 21:00

Instrument :
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 ClientSampleId :
 ETGI-337

Tot Ion:152 Resp: 139300
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.5 186.7
 115 58.5 49.6 74.4



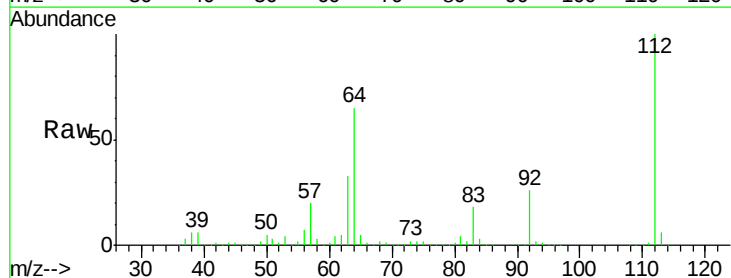
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



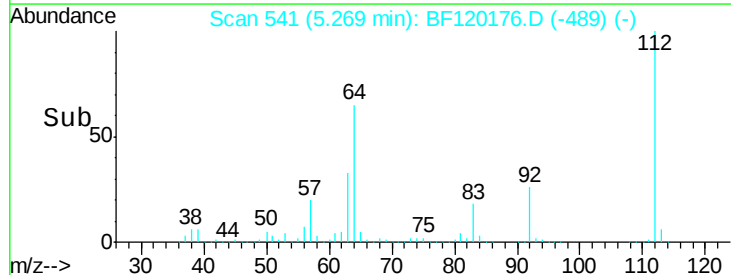
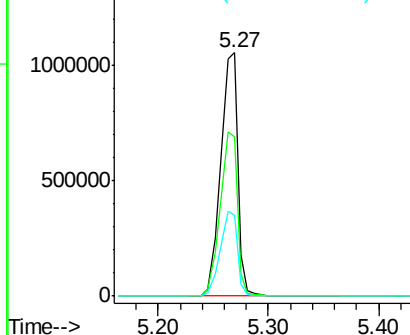
#5

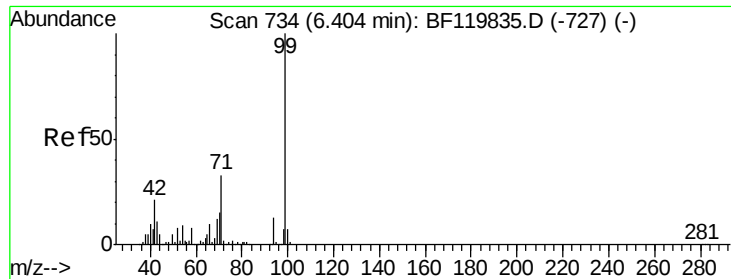
2-Fluorophenol
 Concen: 142.638 ng
 RT: 5.27 min Scan# 541
 Delta R.T. 0.01 min
 Lab File: BF120176.D
 Acq: 23 Apr 2020 21:00

Tgt Ion:112 Resp: 1149732
 Ion Ratio Lower Upper
 112 100
 64 65.4 56.7 85.1
 63 33.4 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: 147.379 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF120176.D

Acq: 23 Apr 2020 21:00

Instrument :

BNA_F

ClientSampleId :

ETGI-337

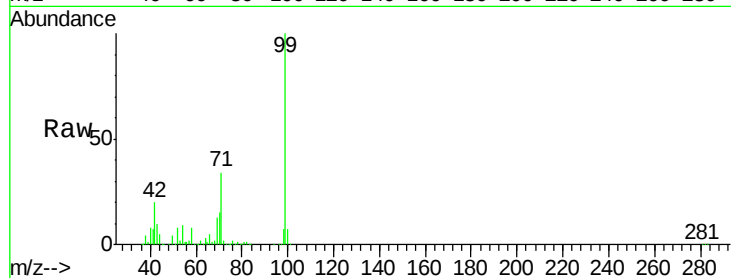
Tot Ion: 99 Resp: 1530724

Ion Ratio Lower Upper

99 100

42 20.1 16.6 24.8

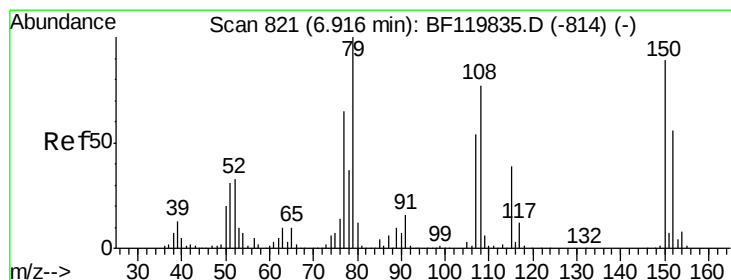
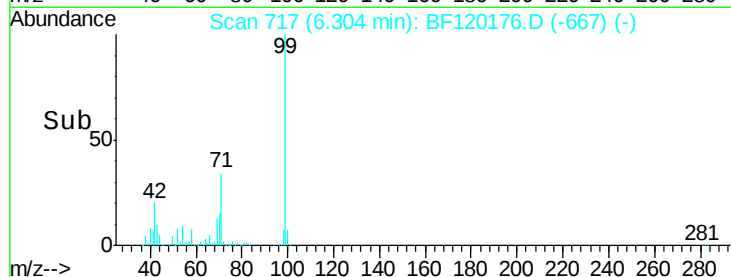
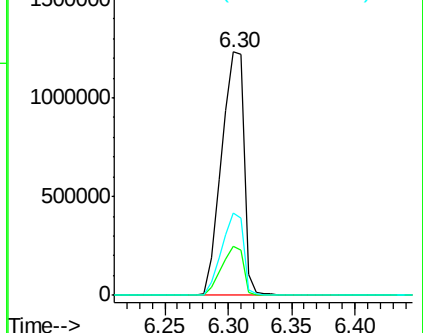
71 33.6 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#15

Benzyl Alcohol

Concen: 2.094 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.01 min

Lab File: BF120176.D

Acq: 23 Apr 2020 21:00

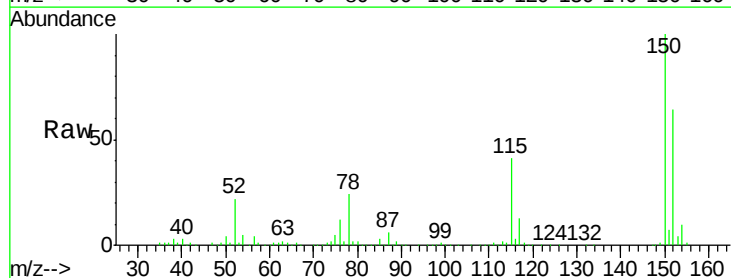
Tgt Ion: 79 Resp: 16892

Ion Ratio Lower Upper

79 100

108 31.2 60.6 90.8#

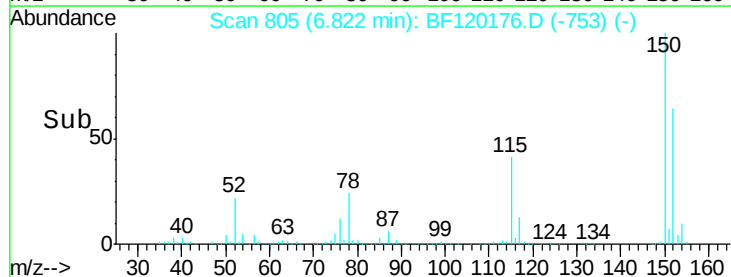
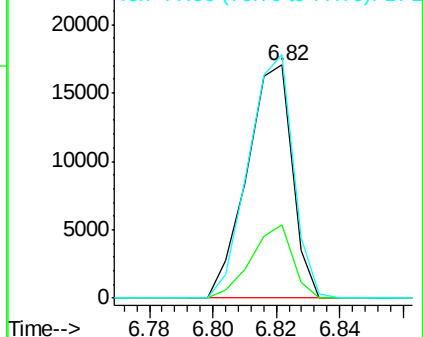
77 104.6 50.2 75.2#

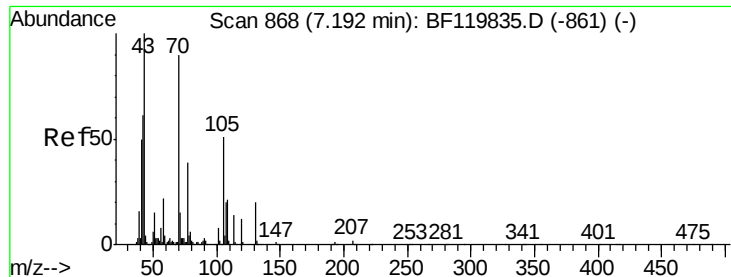


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

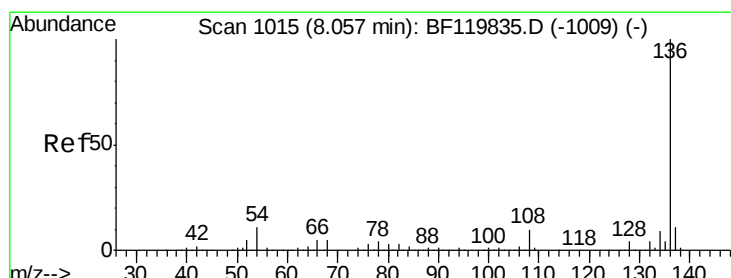
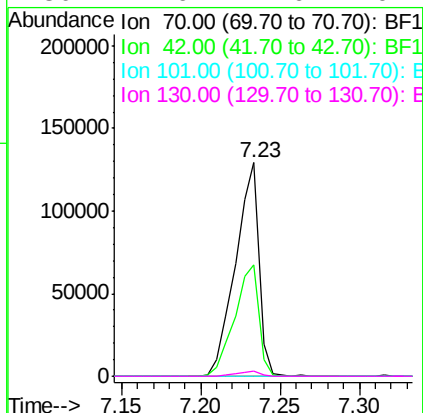
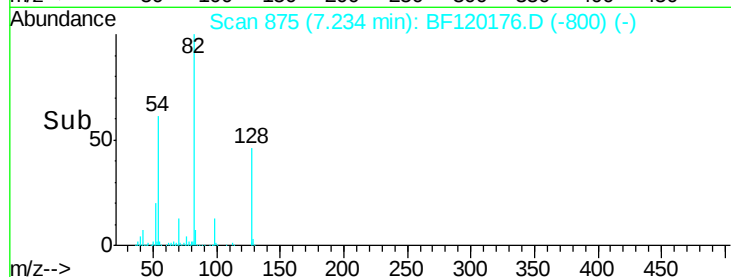
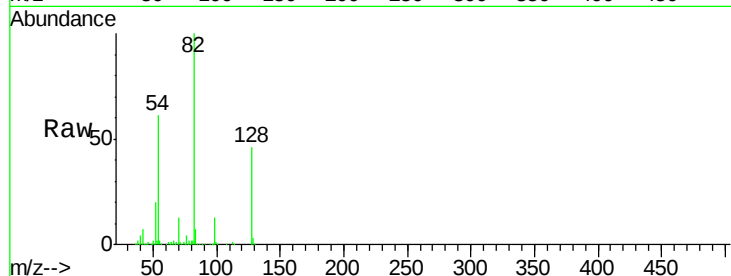




#19
n-Nitroso-di-n-propylamine
Concen: 19.763 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.14 min
Lab File: BF120176.D
Acq: 23 Apr 2020 21:00

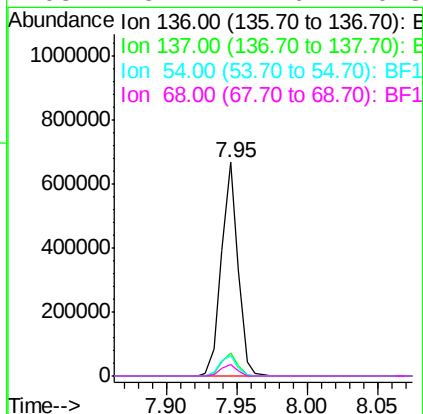
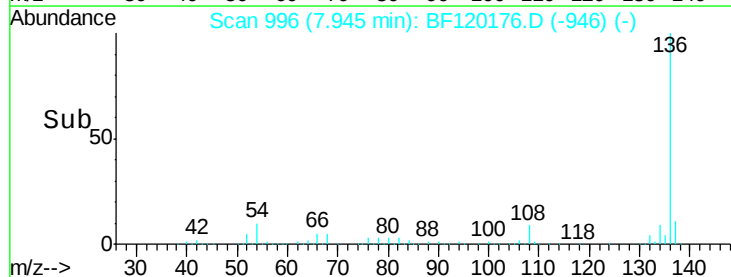
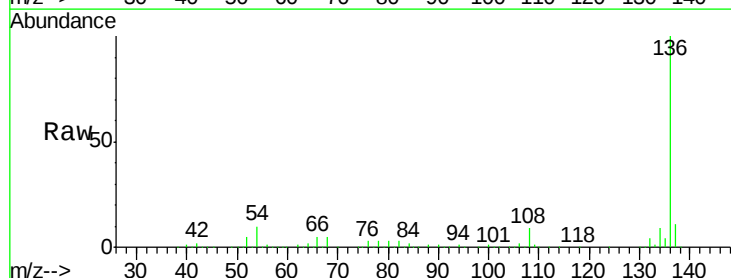
Instrument :
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ETGI-337

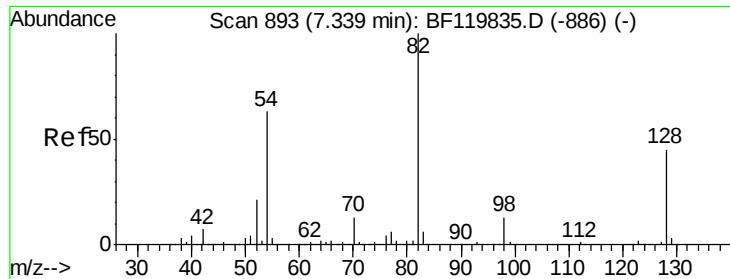
Tot Ion:	70	Resp:	131994
Ion	Ratio	Lower	Upper
70	100		
42	52.2	54.5	81.7#
101	0.0	7.6	11.4#
130	2.6	17.6	26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF120176.D
Acq: 23 Apr 2020 21:00

Tgt Ion:	136	Resp:	543687
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.7	9.1	13.7
68	5.2	4.6	6.8

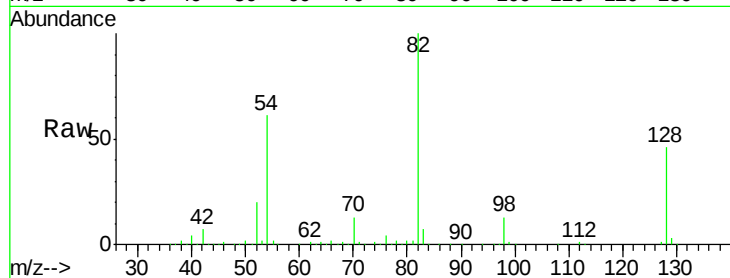




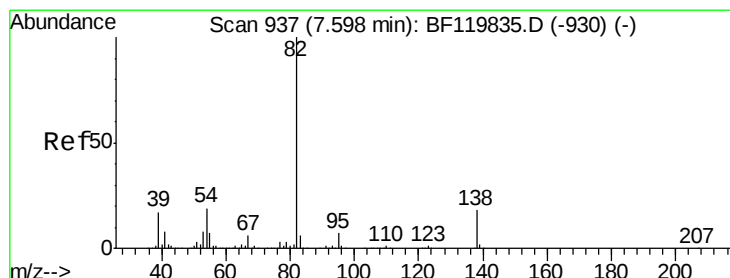
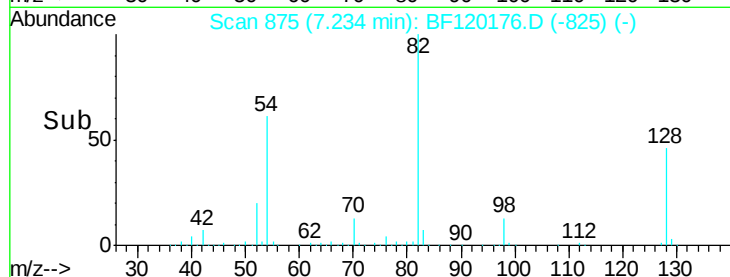
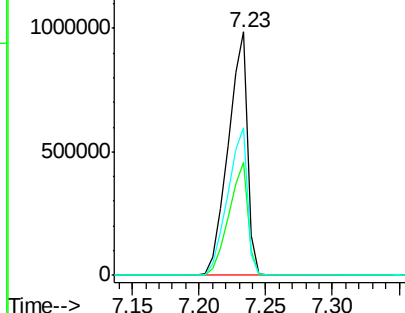
#23
Nitrobenzene-d5
Concen: 96.454 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF120176.D
Acq: 23 Apr 2020 21:00

Instrument :
BNA_F
ClientSampleId :
ETGI-337

Tot Ion: 82 Resp: 1013673
Ion Ratio Lower Upper
82 100
128 46.3 36.3 54.5
54 60.8 50.6 75.8

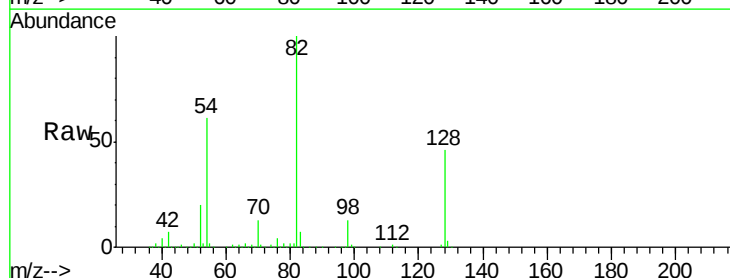


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

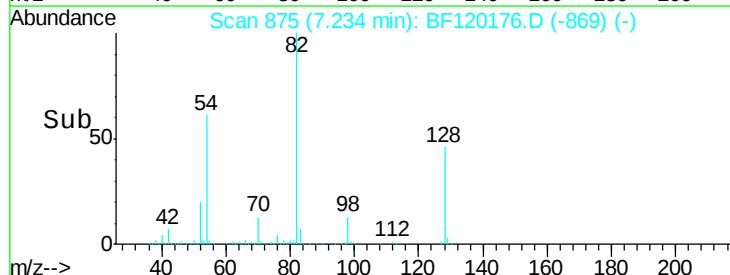
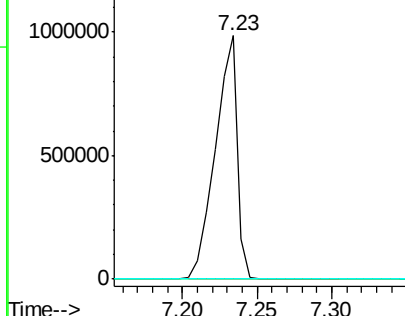


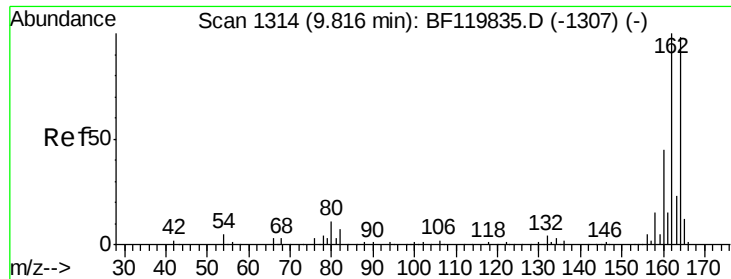
#25
Isophorone
Concen: 49.791 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.26 min
Lab File: BF120176.D
Acq: 23 Apr 2020 21:00

Tgt Ion: 82 Resp: 1008710
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: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF120176.D

Acq: 23 Apr 2020 21:00

Instrument :

BNA_F

ClientSampleId :

ETGI-337

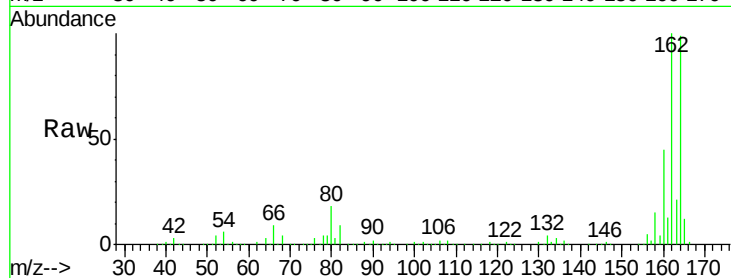
Tot Ion:164 Resp: 293092

Ion Ratio Lower Upper

164 100

162 100.7 80.6 121.0

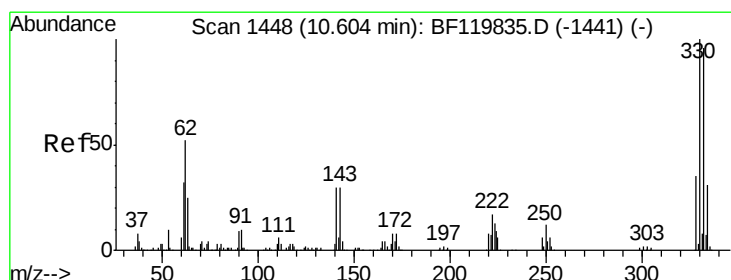
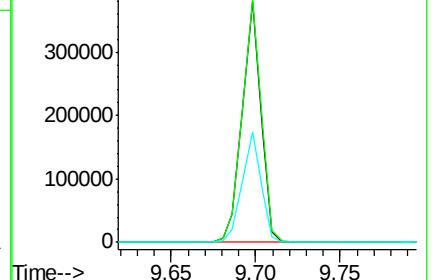
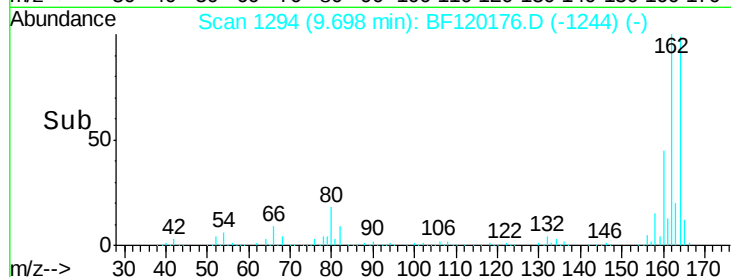
160 45.5 35.7 53.5



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: 121.685 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF120176.D

Acq: 23 Apr 2020 21:00

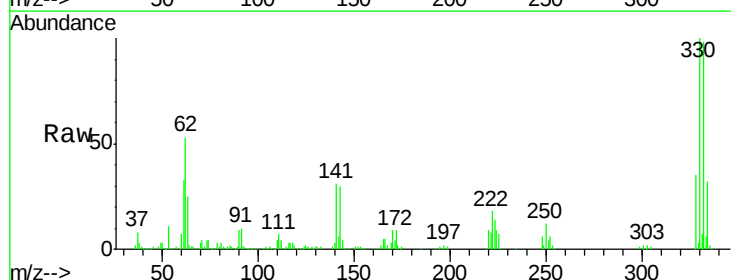
Tgt Ion:330 Resp: 436659

Ion Ratio Lower Upper

330 100

332 96.1 75.7 113.5

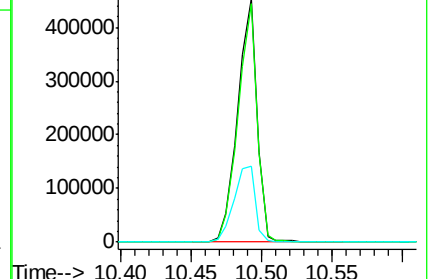
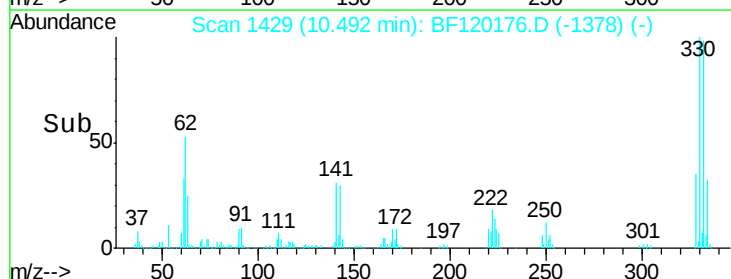
141 34.9 25.4 38.0

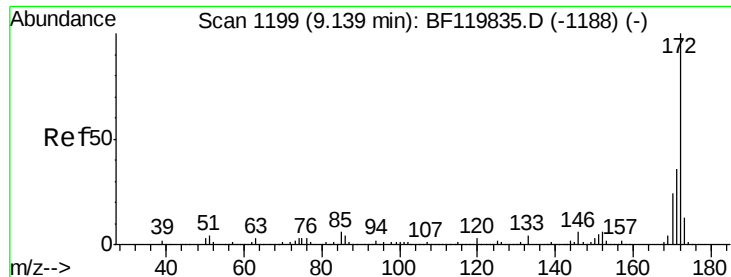


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

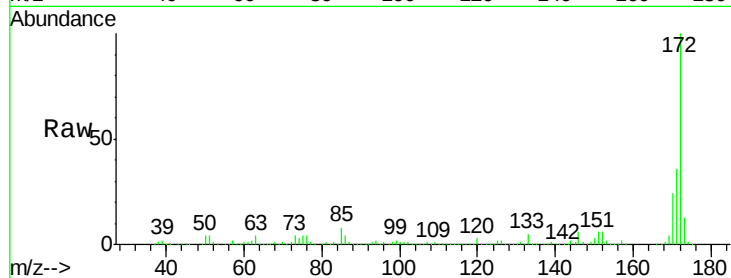




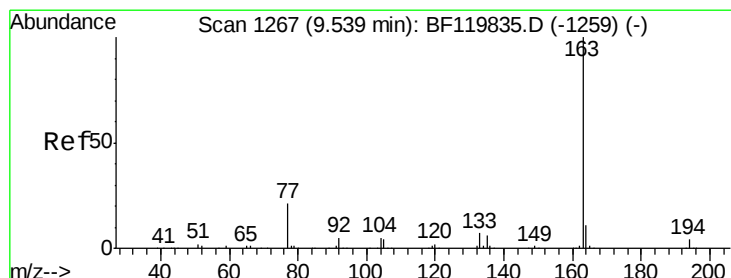
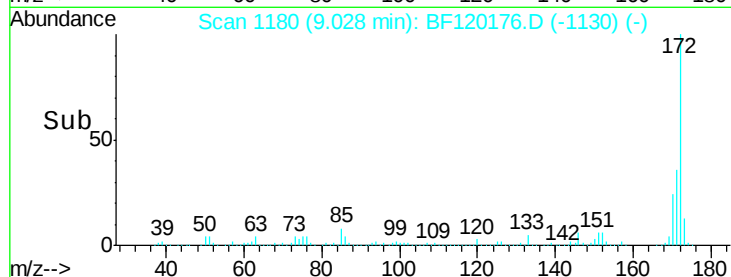
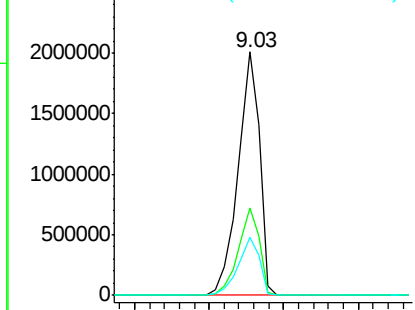
#45
2-Fluorobiphenyl
Concen: 97.324 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF120176.D
Acq: 23 Apr 2020 21:00

Instrument :
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ClientSampleId :
ETGI-337

Tot Ion:172 Resp: 2009111
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 24.0 20.2 30.2

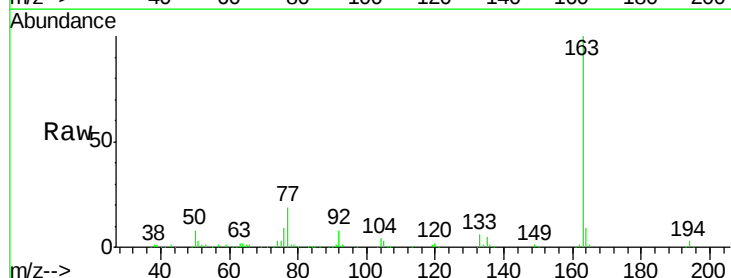


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

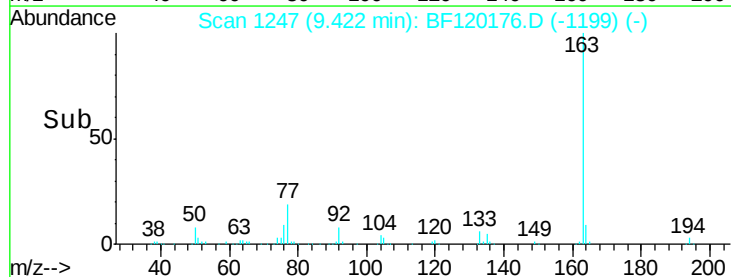
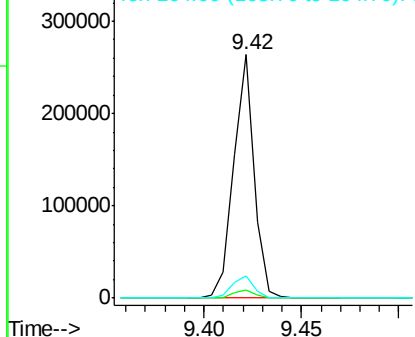


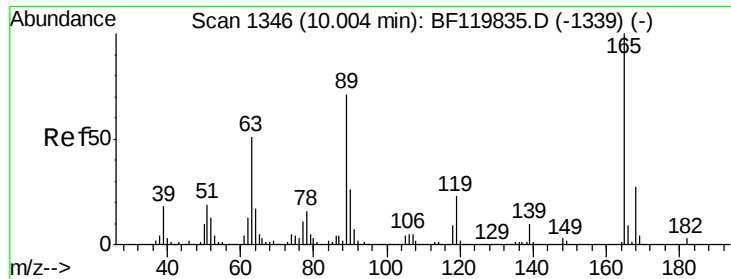
#50
Dimethylphthalate
Concen: 8.469 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF120176.D
Acq: 23 Apr 2020 21:00

Tgt Ion:163 Resp: 191988
Ion Ratio Lower Upper
163 100
194 3.5 3.1 4.7
164 9.0 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

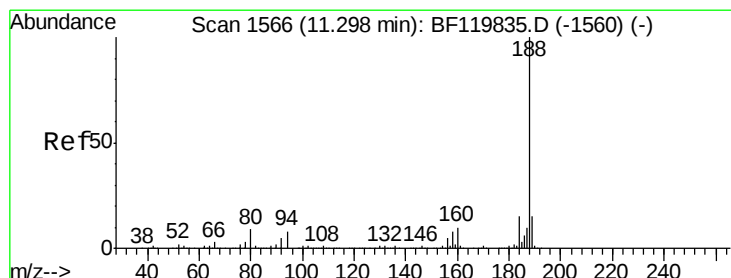
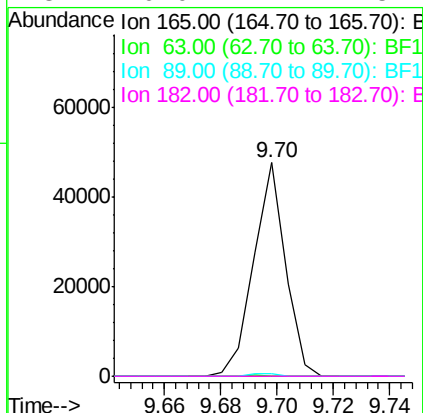
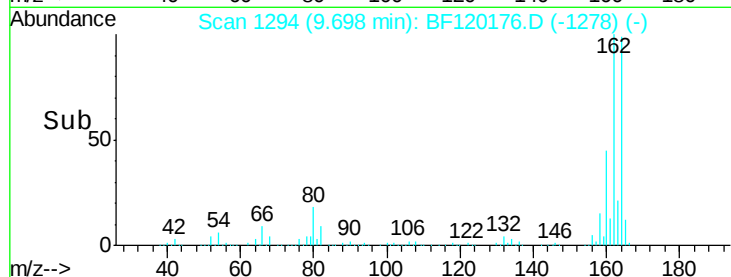
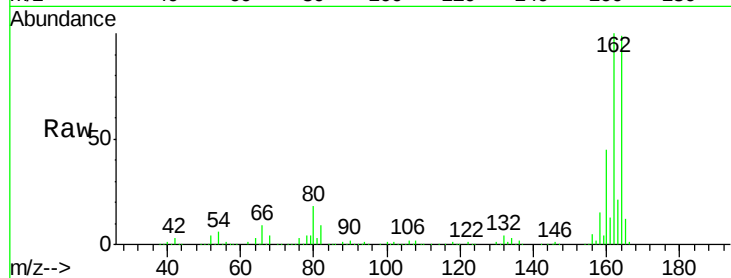




#57
 2,4-Dinitrotoluene
 Concen: 5.693 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.21 min
 Lab File: BF120176.D
 Acq: 23 Apr 2020 21:00

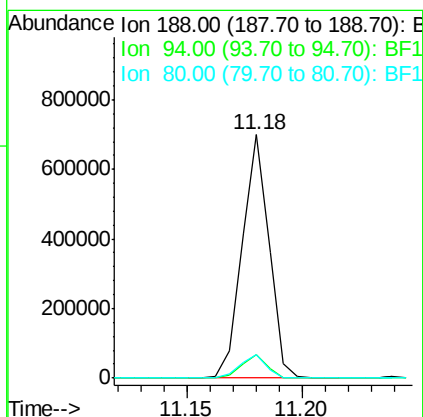
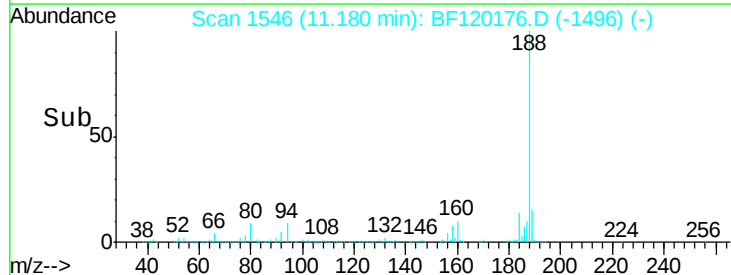
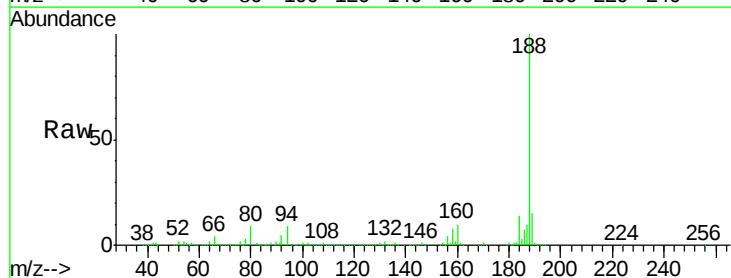
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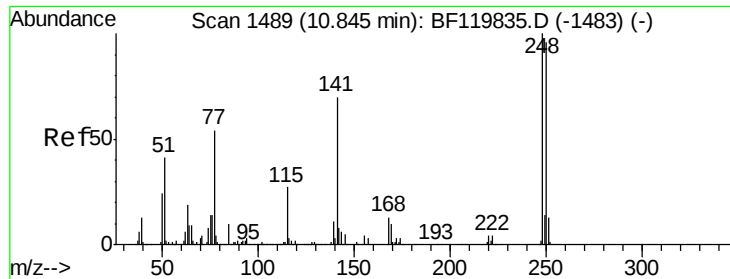
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.6	64.0#
89	1.3	61.0	91.4#
182	0.0	2.2	3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF120176.D
 Acq: 23 Apr 2020 21:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.5	11.3
80	9.4	9.0	13.4

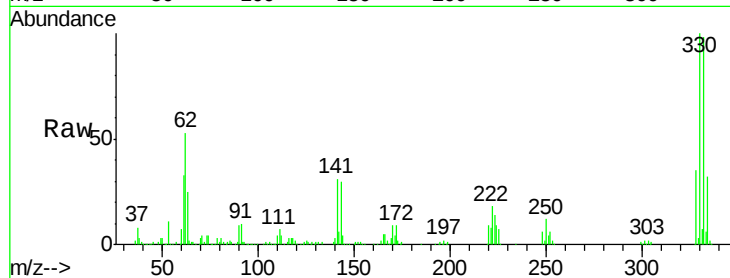




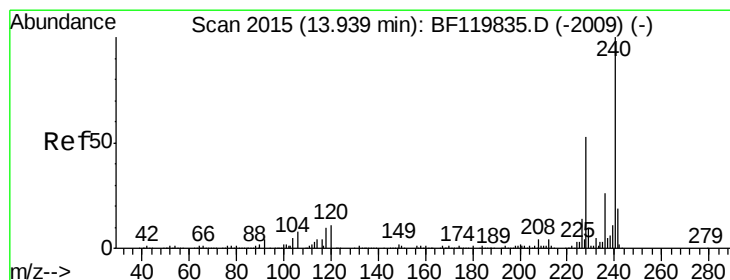
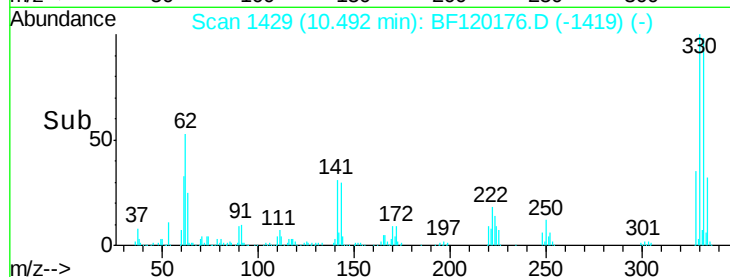
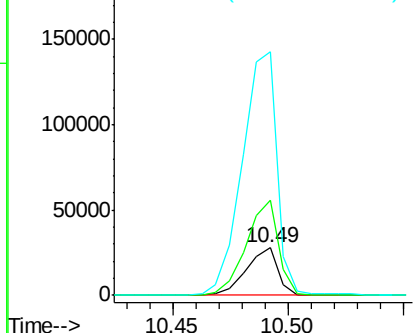
#67
 4-Bromophenyl-phenylether
 Concen: 3.745 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.24 min
 Lab File: BF120176.D
 Acq: 23 Apr 2020 21:00

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337

Tot Ion:248 Resp: 26561
 Ion Ratio Lower Upper
 248 100
 250 200.8 77.3 115.9#
 141 515.4 58.6 87.8#

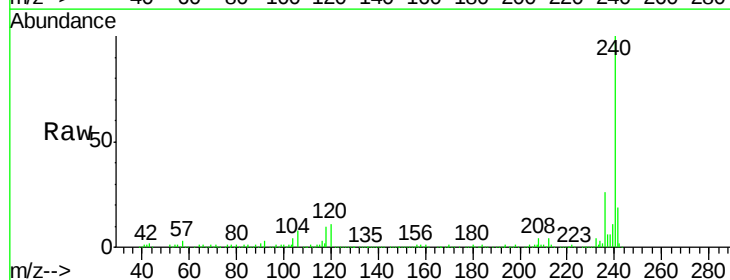


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

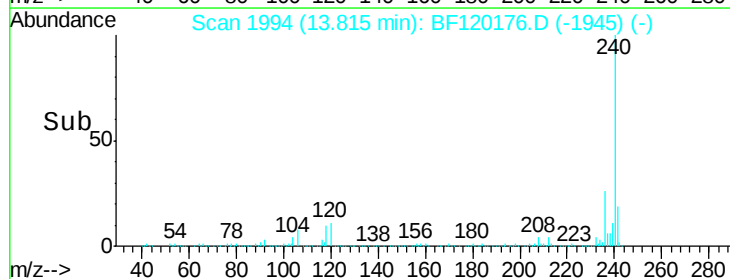
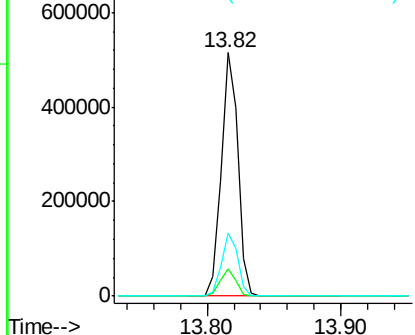


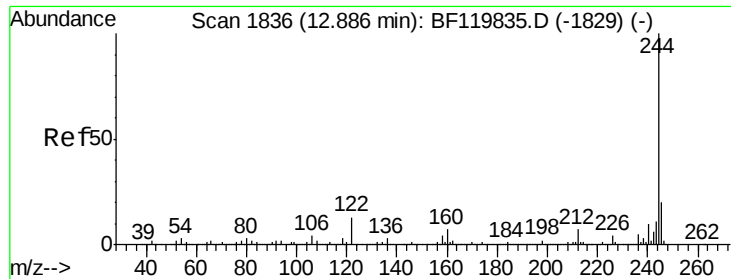
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF120176.D
 Acq: 23 Apr 2020 21:00

Tgt Ion:240 Resp: 456382
 Ion Ratio Lower Upper
 240 100
 120 11.1 10.6 15.8
 236 25.9 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.258 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120176.D

Acq: 23 Apr 2020 21:00

Instrument :

BNA_F

ClientSampleId :

ETGI-337

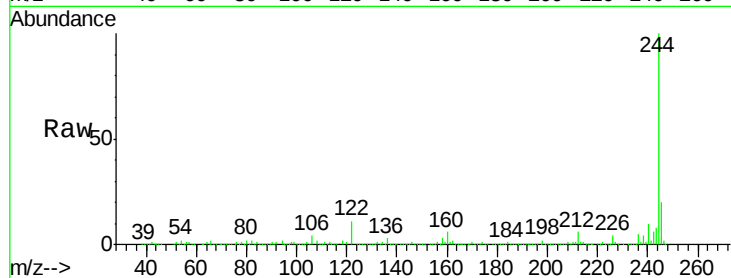
Tot Ion:244 Resp: 2258198

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

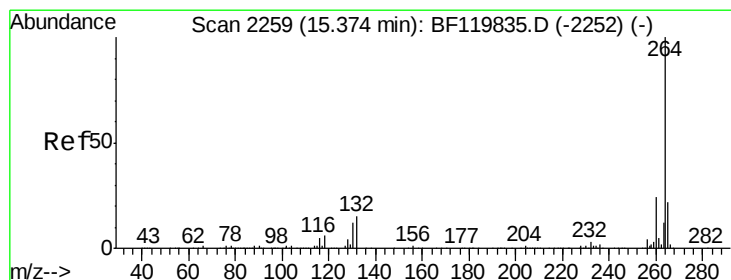
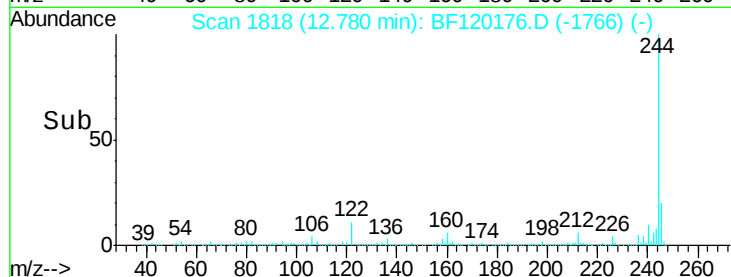
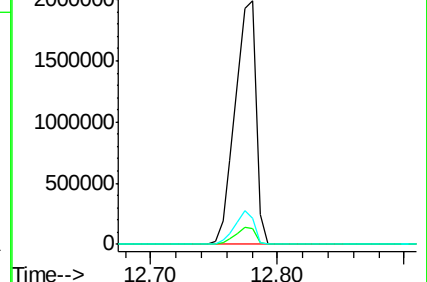
122 10.9 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF120176.D

Acq: 23 Apr 2020 21:00

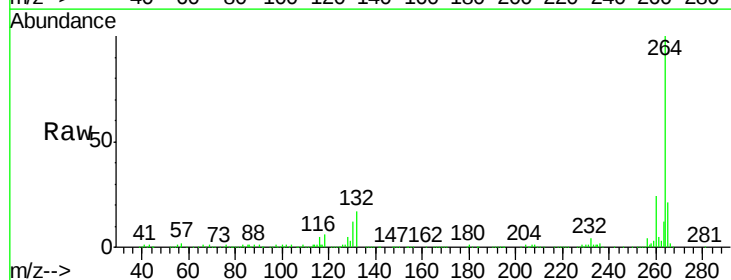
Tgt Ion:264 Resp: 383693

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 21.1 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

