

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
 Data File : BF120175.D
 Acq On : 23 Apr 2020 20:33
 Operator : MA/SJ
 Sample : L2383-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-355-72-11939

Quant Time: Apr 24 01:24:27 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	137409	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	526684	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	294028	20.00	ng	0.00
64) Phenanthrene-d10	11.18	188	584368	20.00	ng	0.00
76) Chrysene-d12	13.82	240	460013	20.00	ng	-0.01
87) Perylene-d12	15.22	264	412904	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	1216716	153.03	ng	0.00
7) Phenol-d6	6.31	99	1582564	154.47	ng	0.00
23) Nitrobenzene-d5	7.23	82	1028943	101.07	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	491680	136.58	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	2010128	97.06	ng	0.00
79) Terphenyl-d14	12.78	244	2280824	83.43	ng	0.00

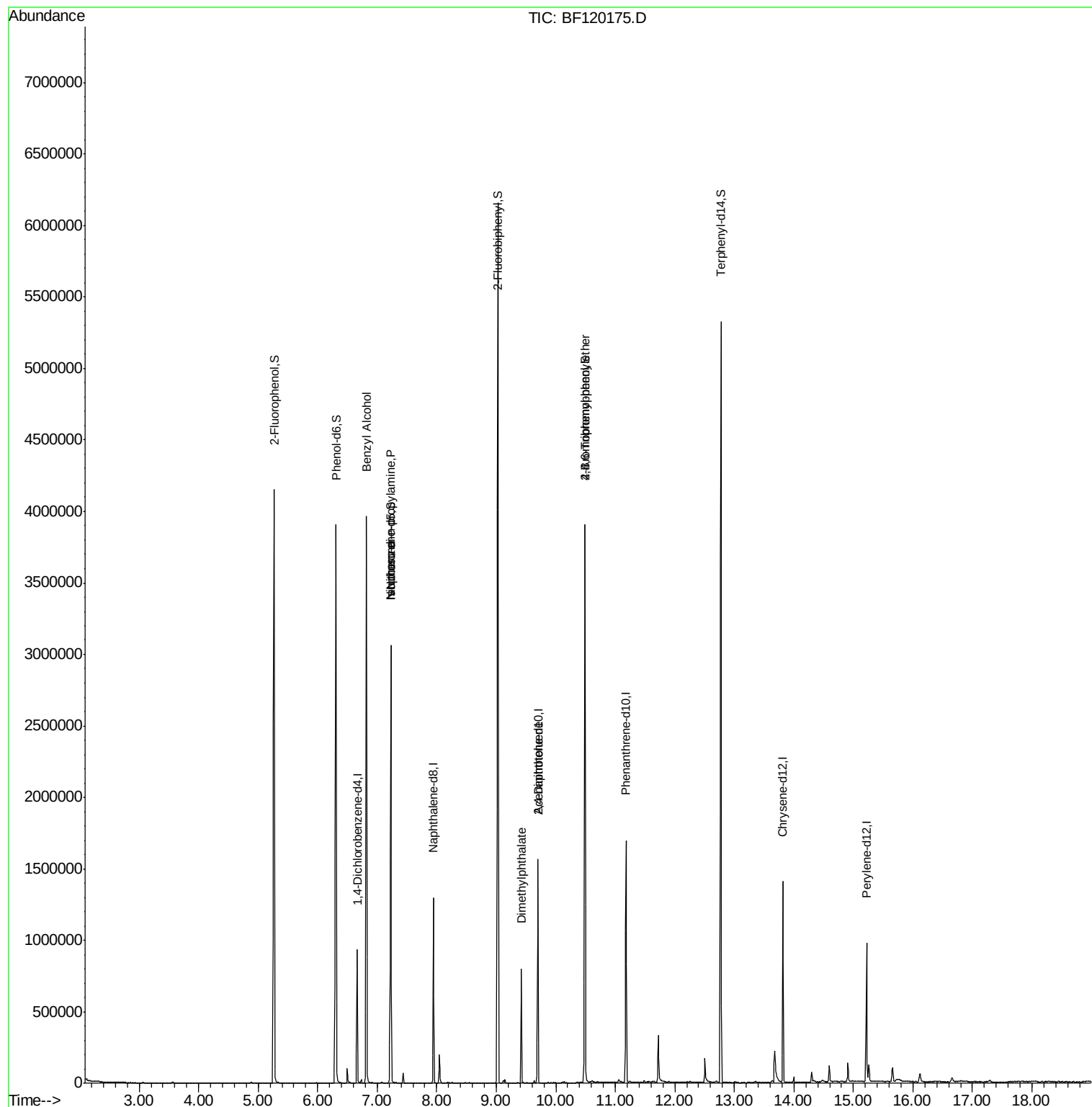
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.31	77	2272	Below Cal	#	1
15) Benzyl Alcohol	6.82	79	16744	2.104	ng	# 47
19) n-Nitroso-di-n-propylamine	7.23	70	133758	20.302	ng	# 75
25) Isophorone	7.23	82	1023793	52.167	ng	# 65
50) Dimethylphthalate	9.42	163	282784	12.434	ng	# 99
57) 2,4-Dinitrotoluene	9.70	165	37955	5.784	ng	# 20
67) 4-Bromophenyl-phenylether	10.49	248	31670	4.358	ng	# 1

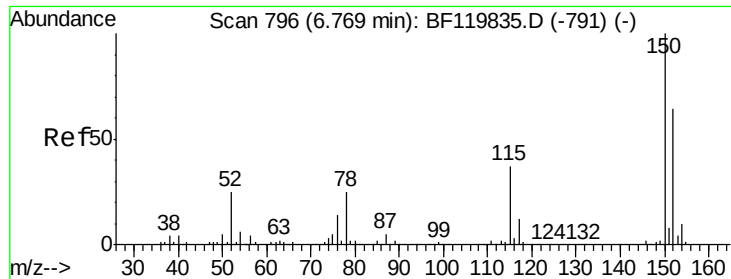
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF120175.D
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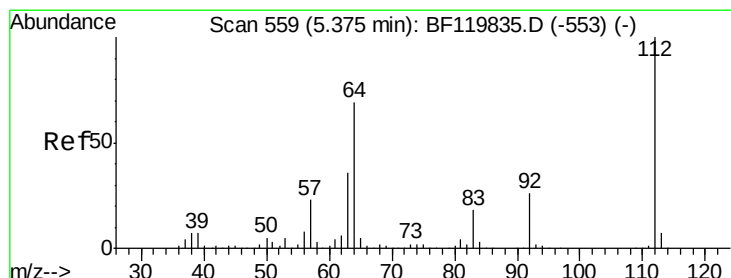
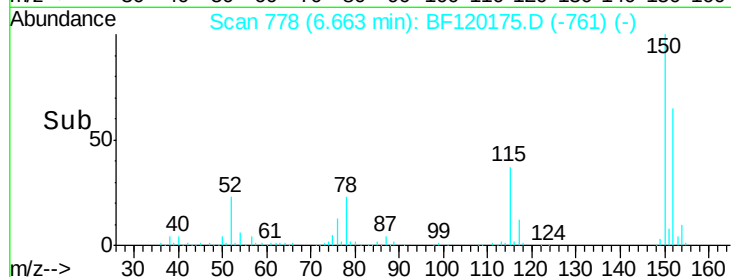
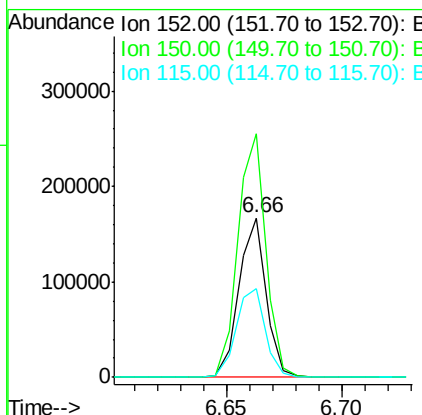
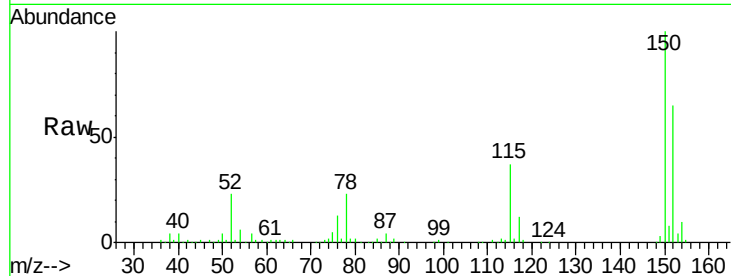


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF120175.D
Acq: 23 Apr 2020 20:33

Instrument :
BNA_F
ClientSampleId :
ETGI-355-72-11939

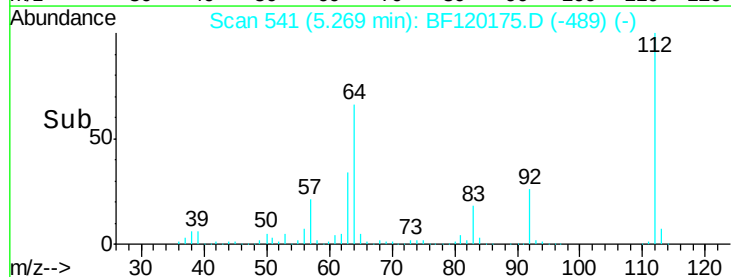
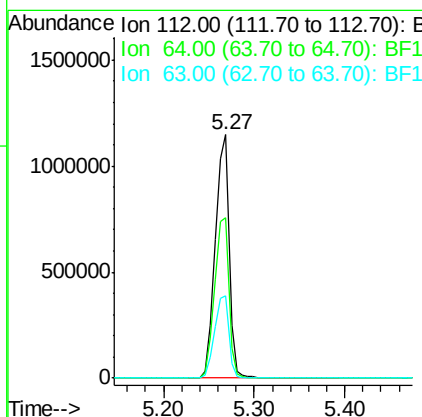
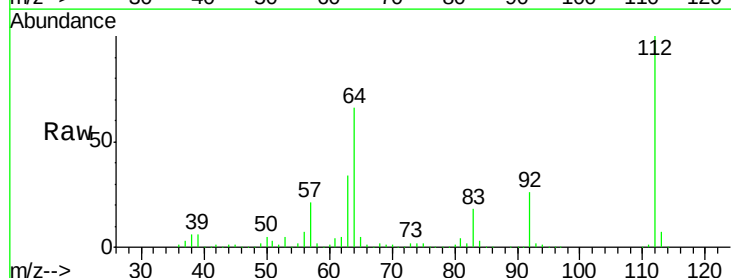
Tot Ion:152 Resp: 137409
Ion Ratio Lower Upper
152 100
150 152.8 124.5 186.7
115 55.8 49.6 74.4

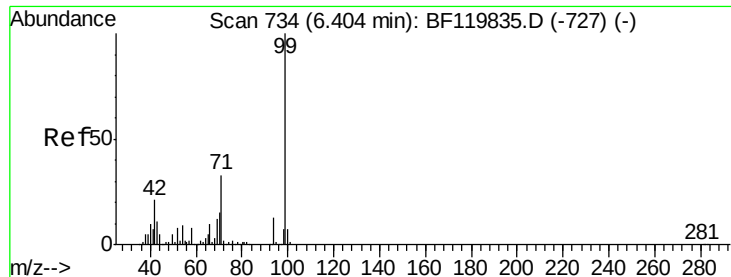


#5

2-Fluorophenol
Concen: 153.026 ng
RT: 5.27 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF120175.D
Acq: 23 Apr 2020 20:33

Tgt Ion:112 Resp: 1216716
Ion Ratio Lower Upper
112 100
64 66.0 56.7 85.1
63 33.9 29.5 44.3





#7

Phenol-d6

Concen: 154.467 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF120175.D

Acq: 23 Apr 2020 20:33

Instrument :

BNA_F

ClientSampleId :

ETGI-355-72-11939

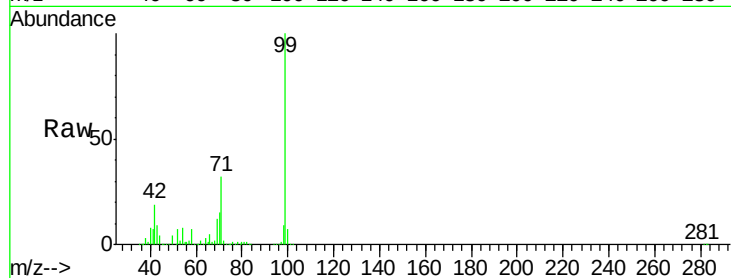
Tot Ion: 99 Resp: 1582564

Ion Ratio Lower Upper

99 100

42 19.3 16.6 24.8

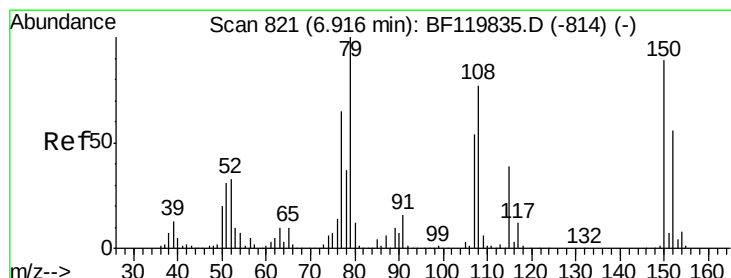
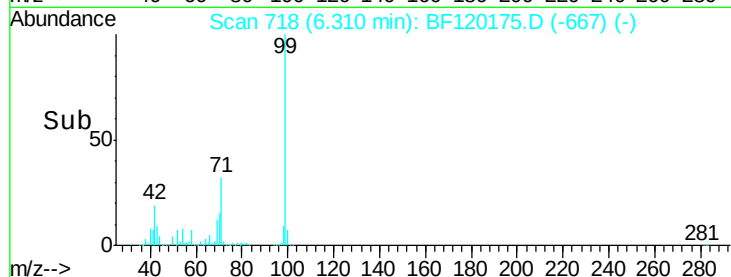
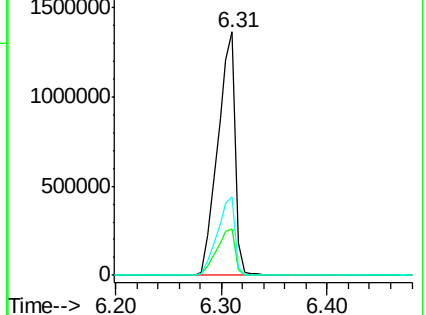
71 32.0 26.4 39.6



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: 2.104 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF120175.D

Acq: 23 Apr 2020 20:33

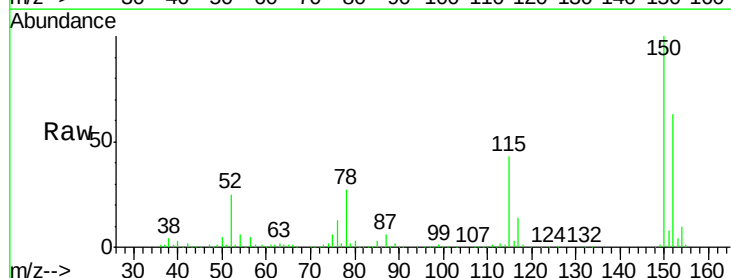
Tgt Ion: 79 Resp: 16744

Ion Ratio Lower Upper

79 100

108 23.5 60.6 90.8#

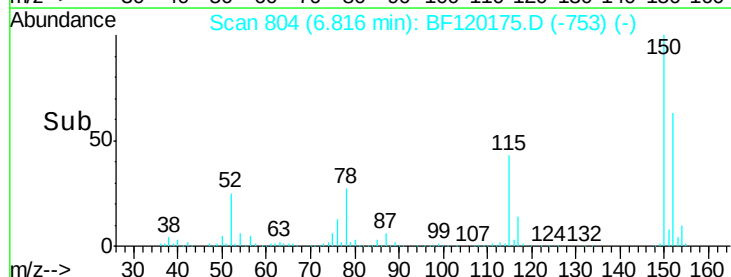
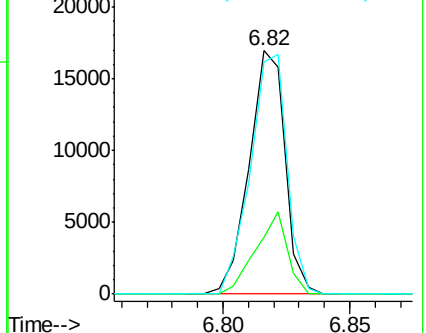
77 95.5 50.2 75.2#

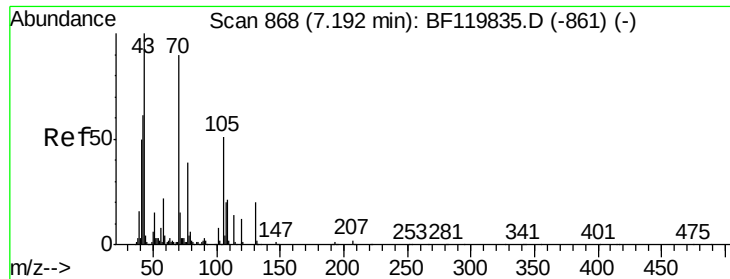


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

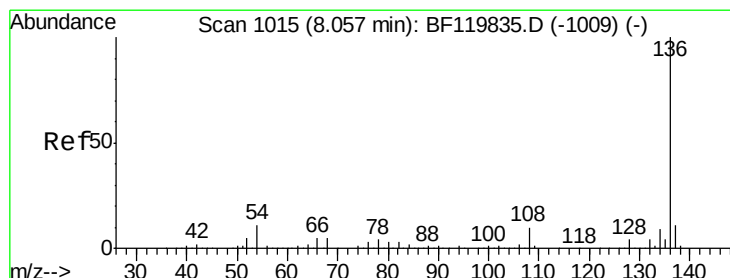
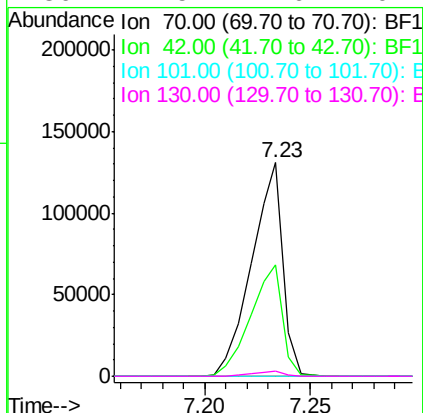
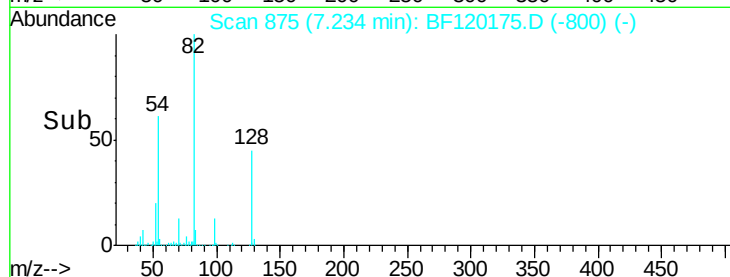
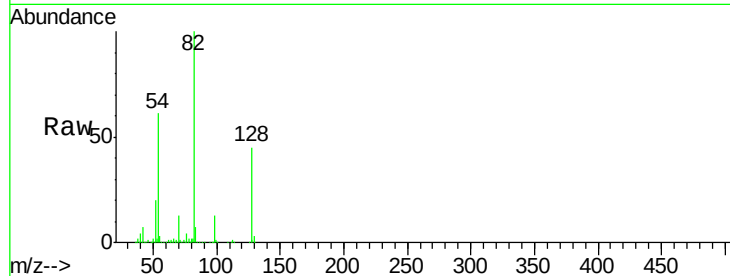




#19
n-Nitroso-di-n-propylamine
Concen: 20.302 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.14 min
Lab File: BF120175.D
Acq: 23 Apr 2020 20:33

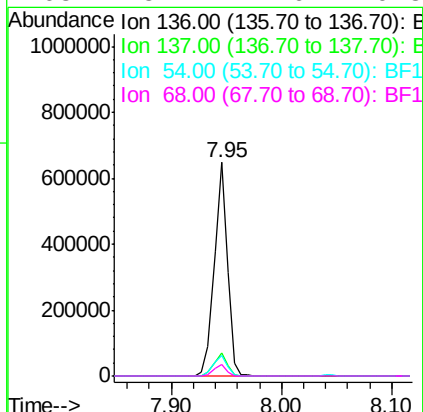
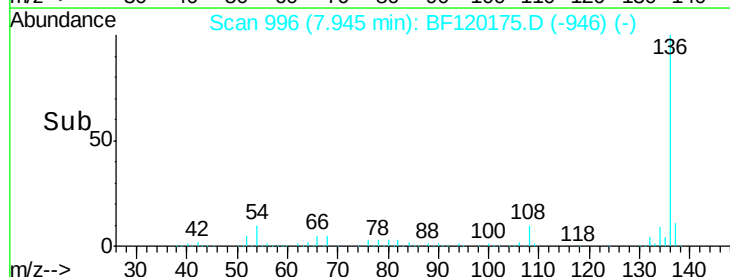
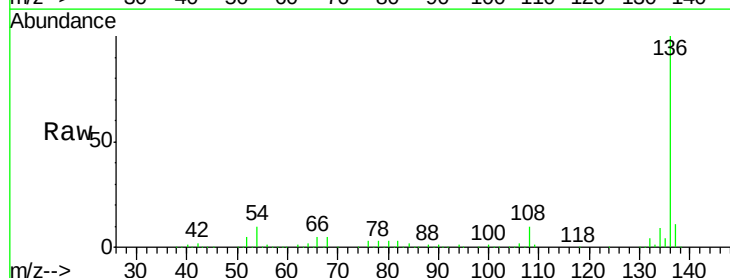
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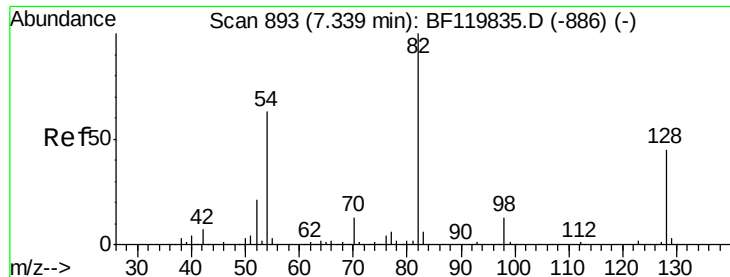
Tot Ion:	70	Resp:	133758
Ion	Ratio	Lower	Upper
70	100		
42	52.2	54.5	81.7#
101	0.0	7.6	11.4#
130	2.5	17.6	26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF120175.D
Acq: 23 Apr 2020 20:33

Tgt Ion:	136	Resp:	526684
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.9	9.1	13.7
68	5.4	4.6	6.8

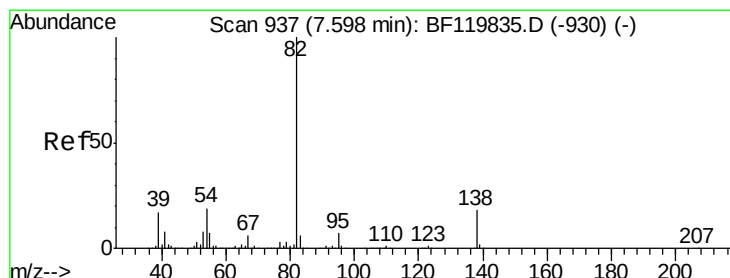
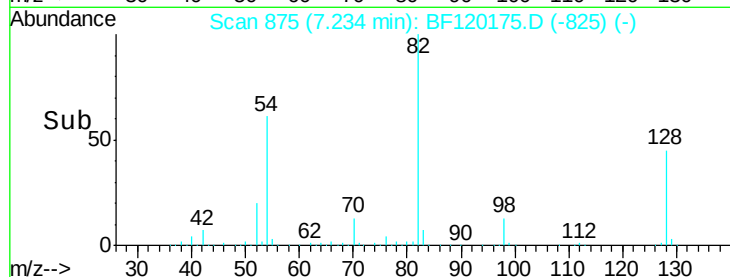
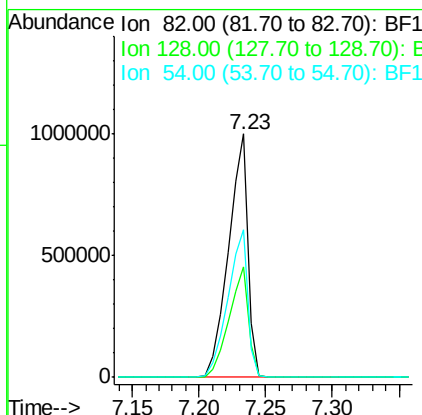
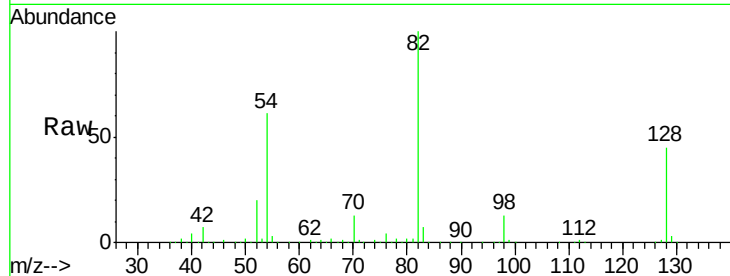




#23
Nitrobenzene-d5
Concen: 101.068 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF120175.D
Acq: 23 Apr 2020 20:33

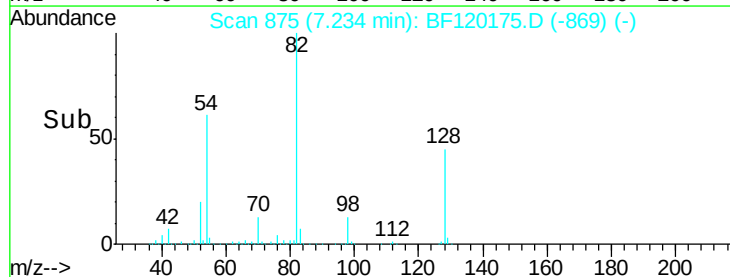
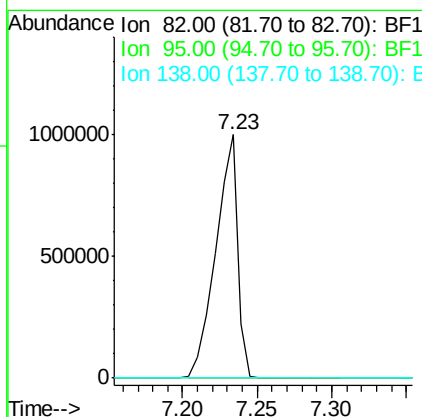
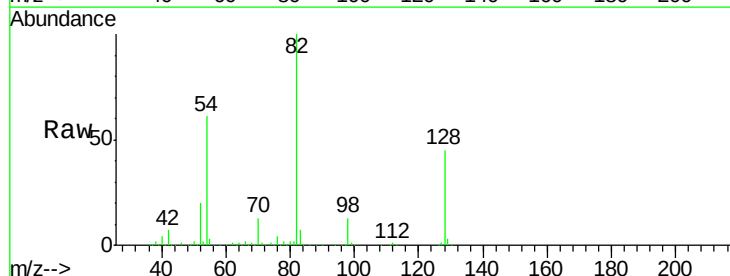
Instrument :
BNA_F
ClientSampleId :
ETGI-355-72-11939

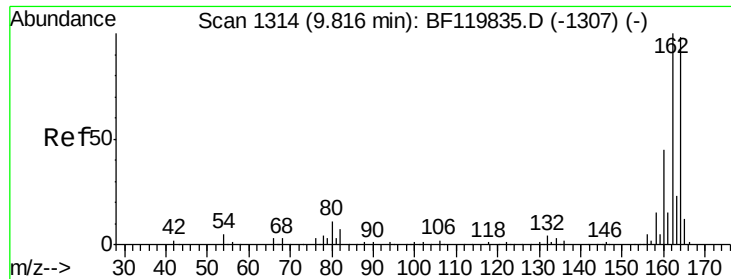
Tot Ion: 82 Resp: 1028943
Ion Ratio Lower Upper
82 100
128 45.5 36.3 54.5
54 60.9 50.6 75.8



#25
Isophorone
Concen: 52.167 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.26 min
Lab File: BF120175.D
Acq: 23 Apr 2020 20:33

Tgt Ion: 82 Resp: 1023793
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF120175.D

Acq: 23 Apr 2020 20:33

Instrument :

BNA_F

ClientSampleId :

ETGI-355-72-11939

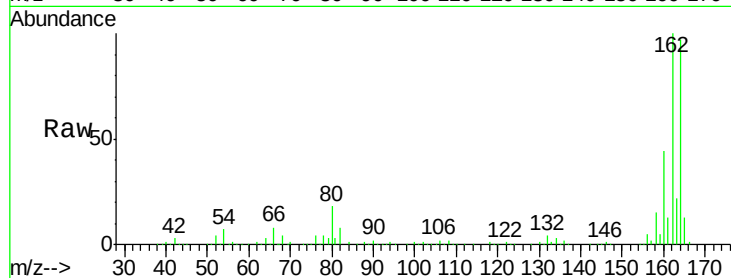
Tot Ion:164 Resp: 294028

Ion Ratio Lower Upper

164 100

162 103.3 80.6 121.0

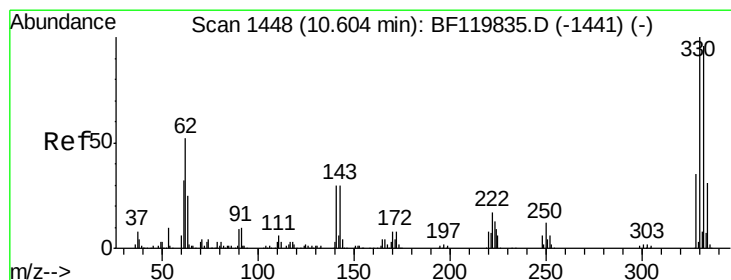
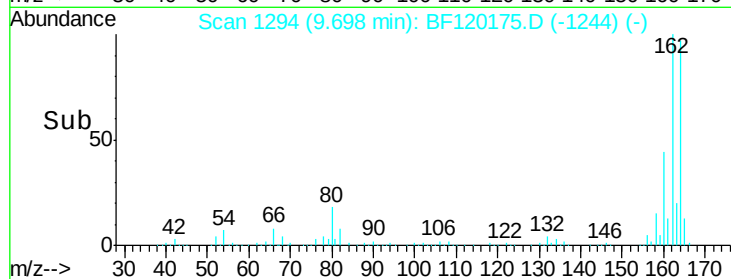
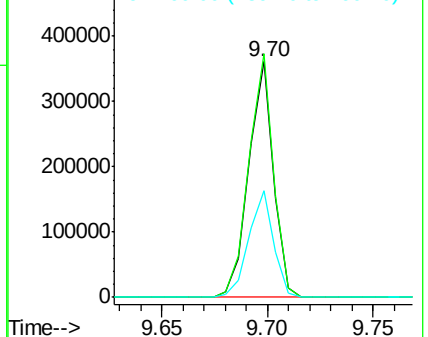
160 45.2 35.7 53.5



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: 136.582 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF120175.D

Acq: 23 Apr 2020 20:33

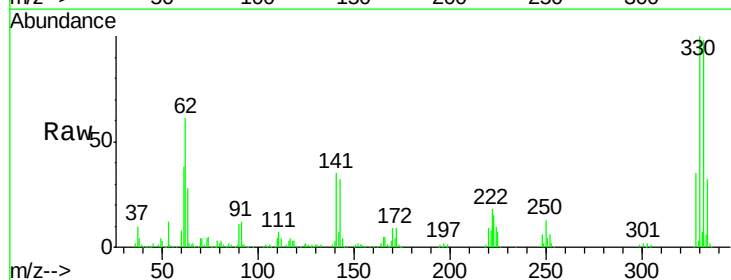
Tgt Ion:330 Resp: 491680

Ion Ratio Lower Upper

330 100

332 97.1 75.7 113.5

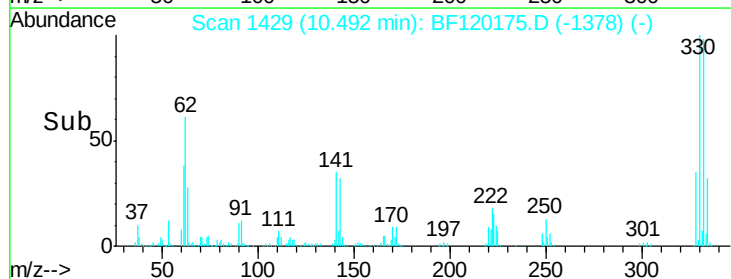
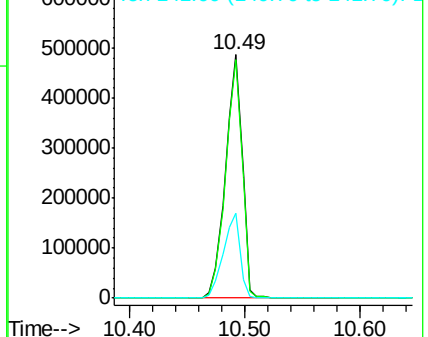
141 34.8 25.4 38.0

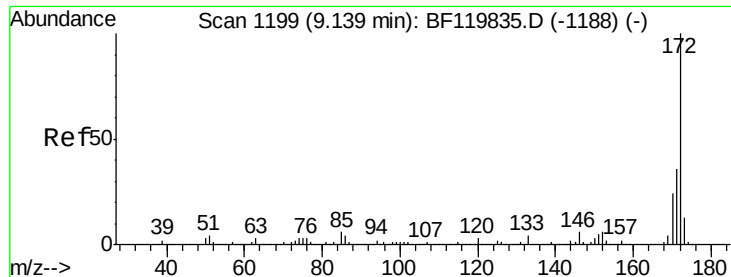


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

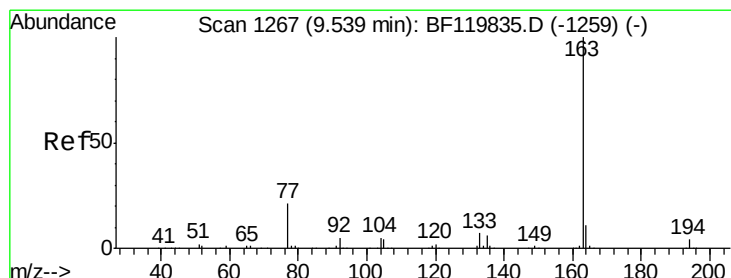
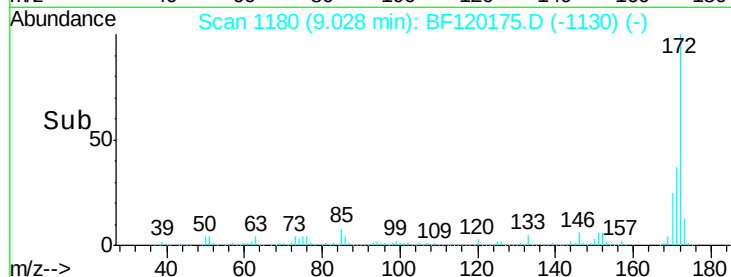
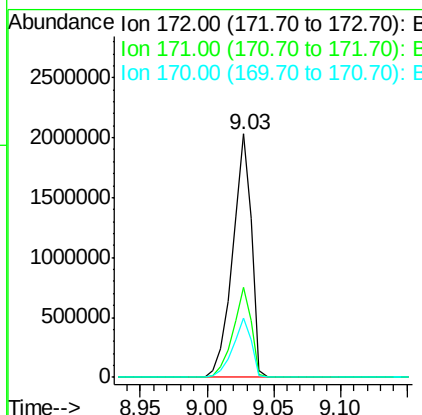
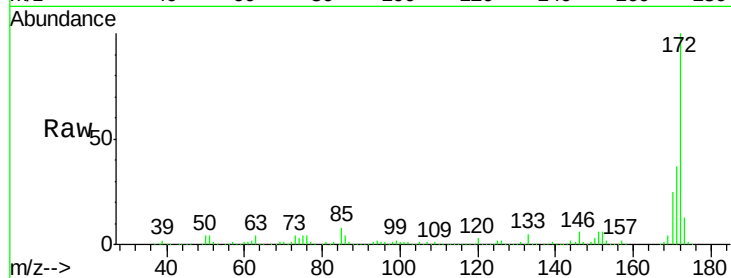




#45
2-Fluorobiphenyl
Concen: 97.064 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF120175.D
Acq: 23 Apr 2020 20:33

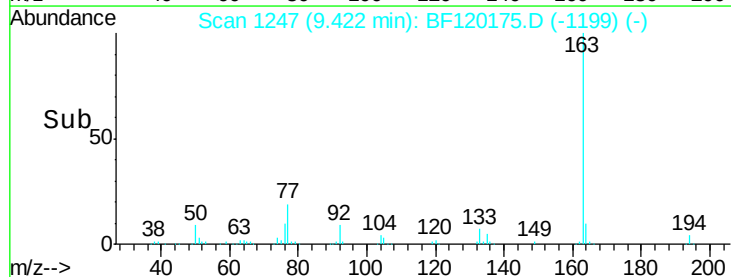
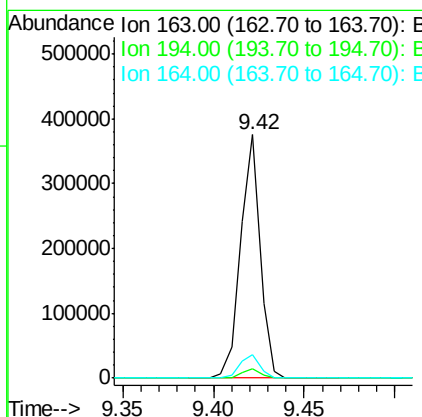
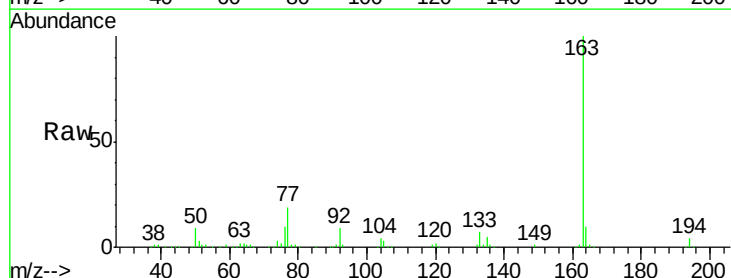
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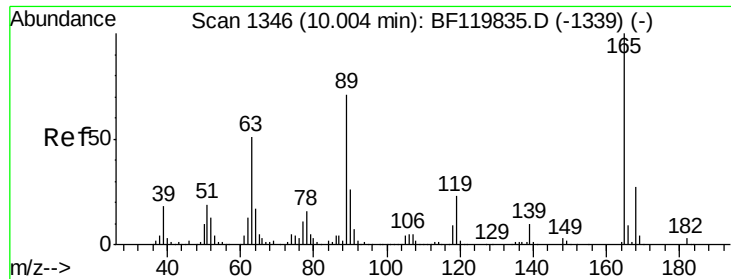
Tot Ion:172 Resp: 2010128
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 24.5 20.2 30.2



#50
Dimethylphthalate
Concen: 12.434 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF120175.D
Acq: 23 Apr 2020 20:33

Tgt Ion:163 Resp: 282784
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.7 8.2 12.2

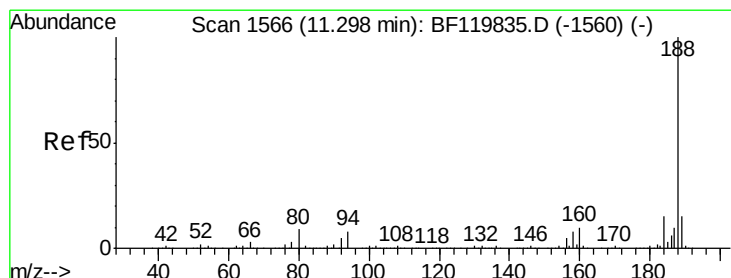
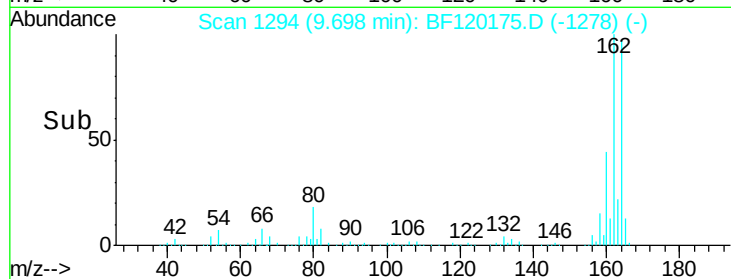
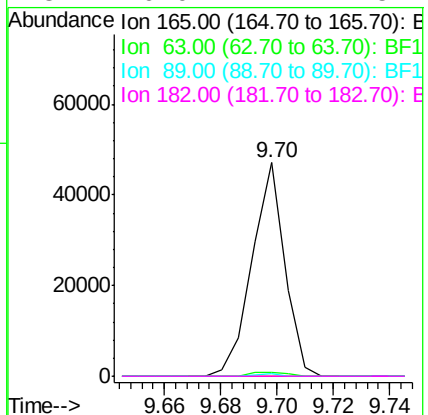
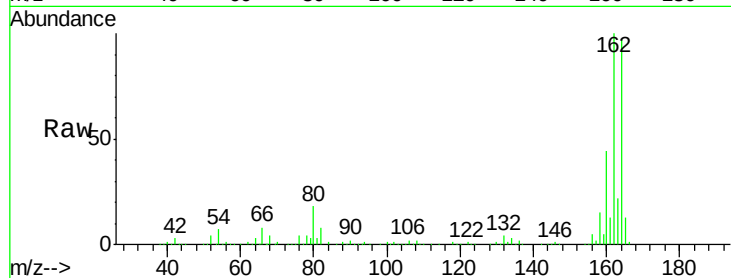




#57
 2,4-Dinitrotoluene
 Concen: 5.784 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.21 min
 Lab File: BF120175.D
 Acq: 23 Apr 2020 20:33

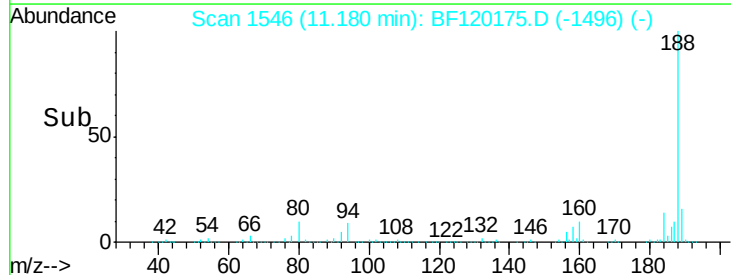
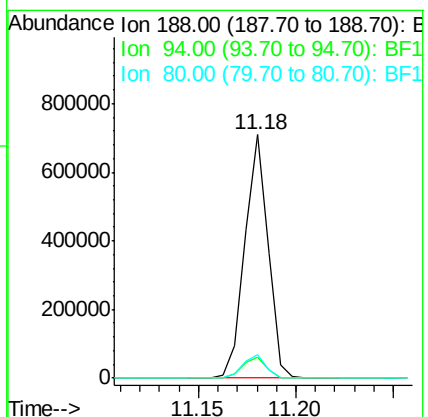
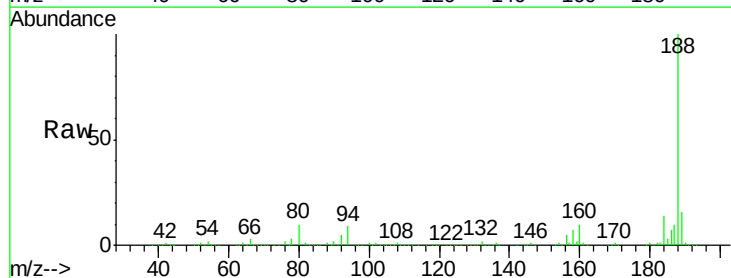
Instrument :
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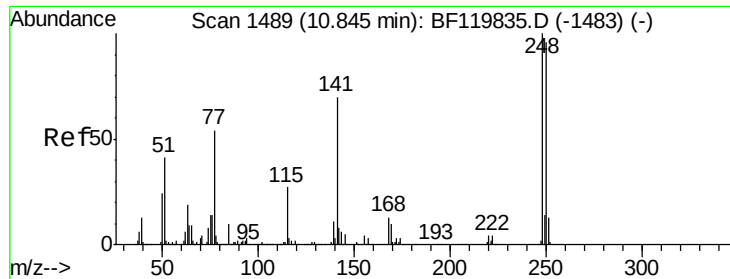
Tot Ion:165	Resp:	37955
Ion Ratio	Lower	Upper
165	100	
63	1.6	42.6 64.0#
89	1.3	61.0 91.4#
182	0.0	2.2 3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF120175.D
 Acq: 23 Apr 2020 20:33

Tgt Ion:188	Resp:	584368
Ion Ratio	Lower	Upper
188	100	
94	8.7	7.5 11.3
80	9.6	9.0 13.4

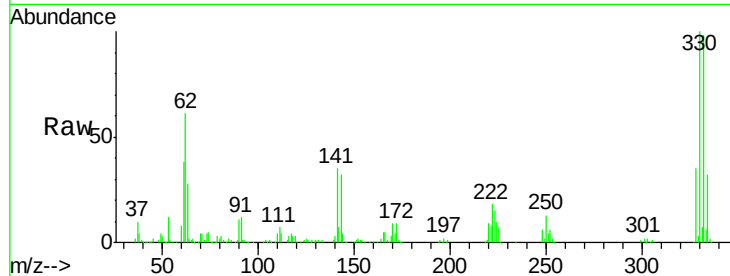




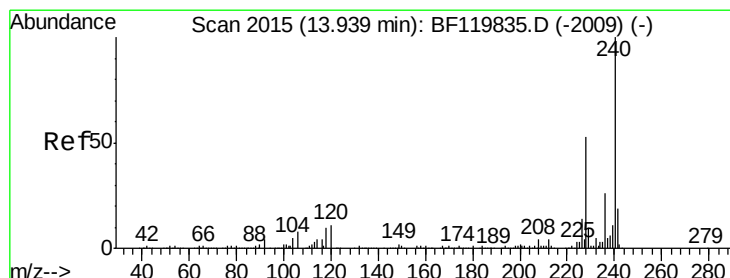
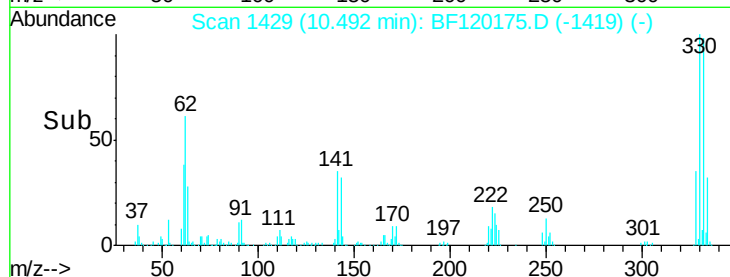
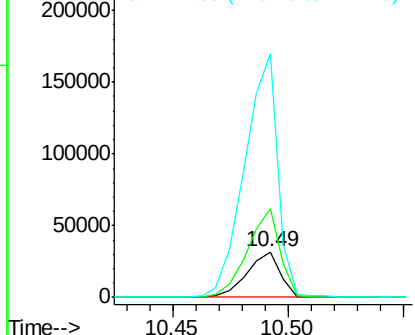
#67
 4-Bromophenyl-phenylether
 Concen: 4.358 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.24 min
 Lab File: BF120175.D
 Acq: 23 Apr 2020 20:33

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-355-72-11939

Tot Ion:248 Resp: 31670
 Ion Ratio Lower Upper
 248 100
 250 194.9 77.3 115.9#
 141 537.5 58.6 87.8#

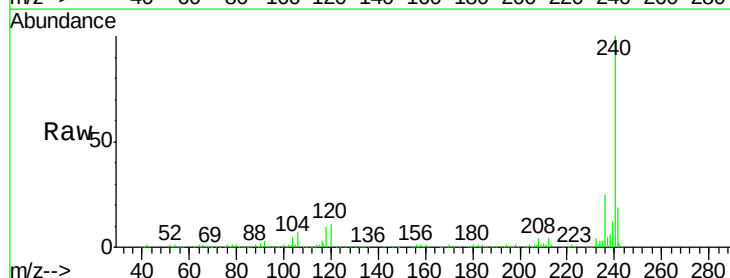


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

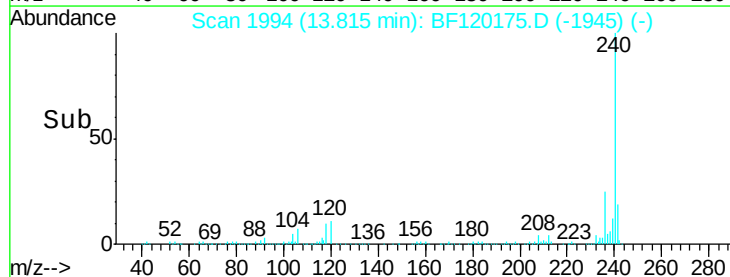
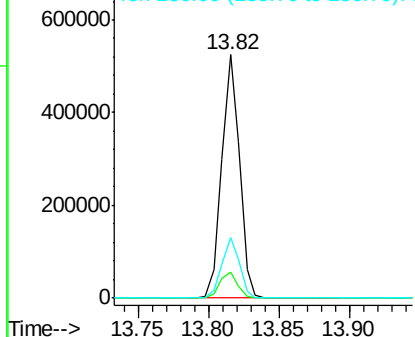


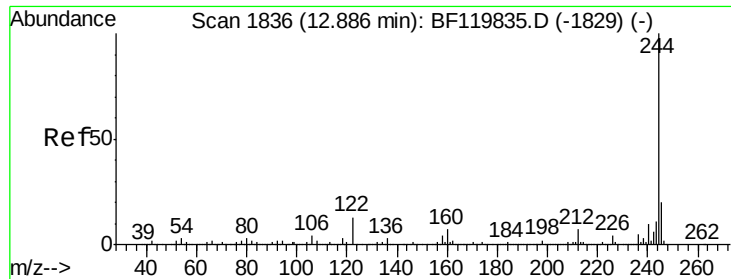
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF120175.D
 Acq: 23 Apr 2020 20:33

Tgt Ion:240 Resp: 460013
 Ion Ratio Lower Upper
 240 100
 120 10.9 10.6 15.8
 236 24.9 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: 83.429 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120175.D

Acq: 23 Apr 2020 20:33

Instrument :

BNA_F

ClientSampleId :

ETGI-355-72-11939

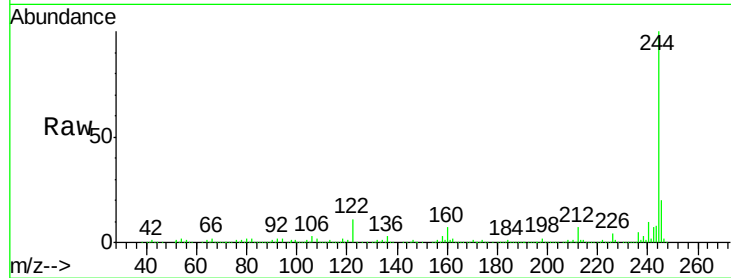
Tot Ion:244 Resp: 2280824

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

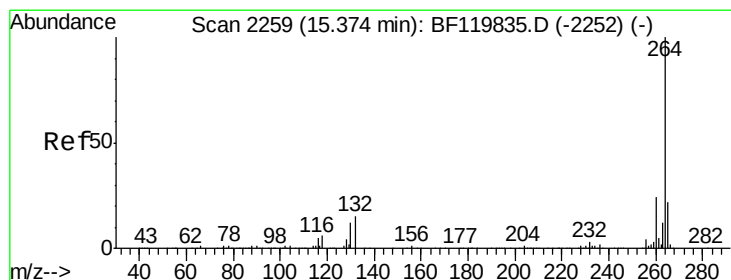
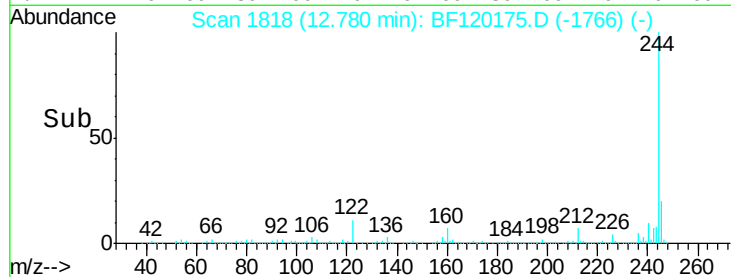
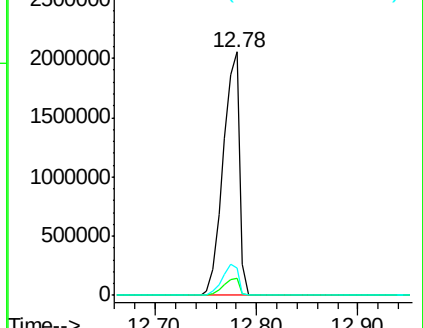
122 11.1 10.3 15.5



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: BF120175.D

Acq: 23 Apr 2020 20:33

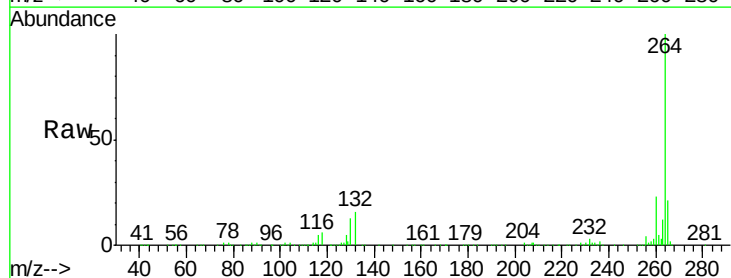
Tgt Ion:264 Resp: 412904

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 21.4 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

