

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
 Data File : BF121156.D
 Acq On : 31 Jul 2020 14:20
 Operator : JU/CG
 Sample : L3518-22
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Quant Time: Jul 31 14:46:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	125039	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	481247	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	244394	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	458714	20.00	ng	0.00
76) Chrysene-d12	13.96	240	316465	20.00	ng	0.00
86) Perylene-d12	15.42	264	274172	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	704829	92.41	ng	0.00
7) Phenol-d6	6.43	99	863608	87.65	ng	-0.01
23) Nitrobenzene-d5	7.36	82	566388	68.10	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	249837	93.39	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1022545	62.47	ng	0.00
79) Terphenyl-d14	12.91	244	961154	66.02	ng	0.00

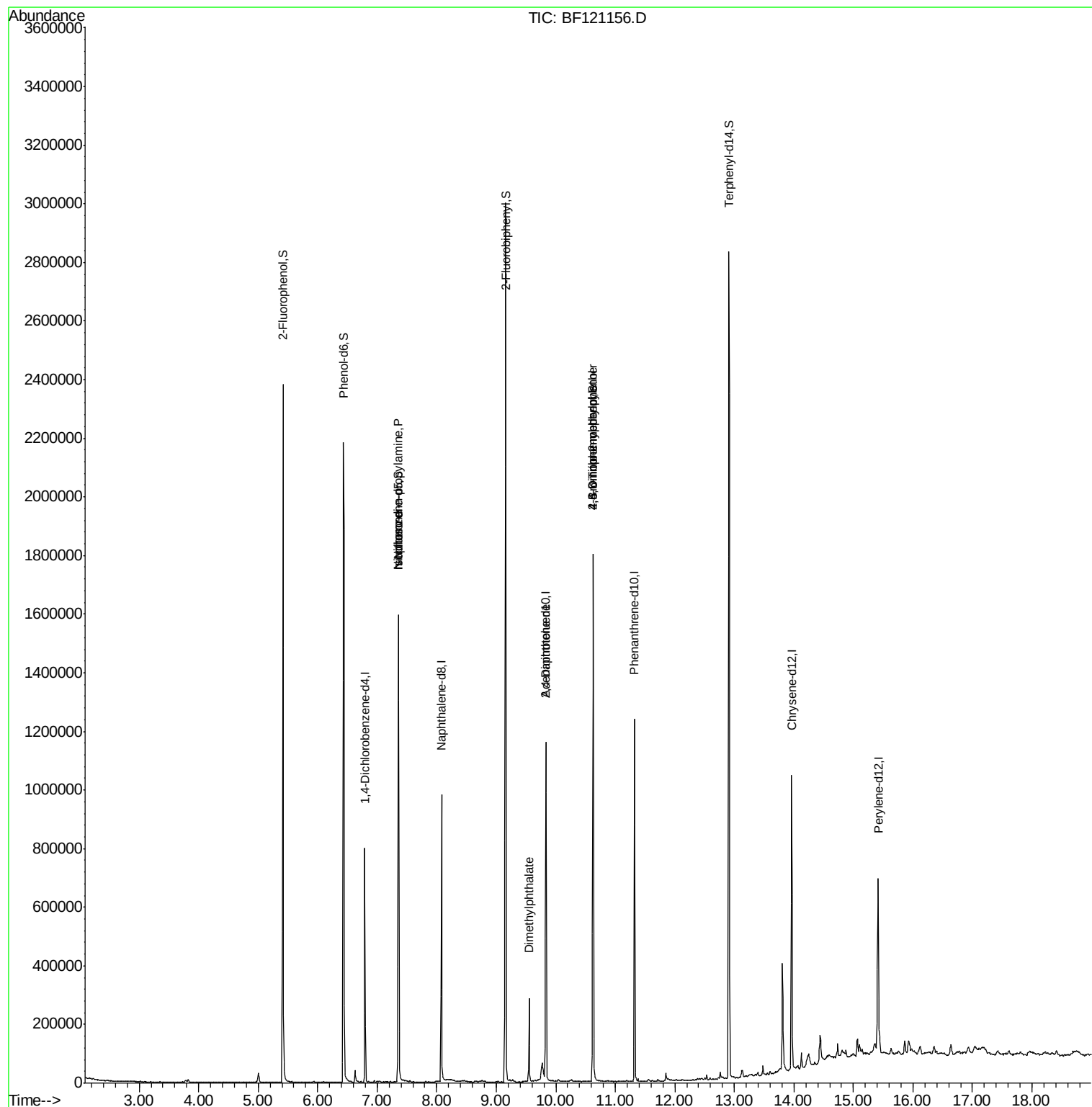
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	1111	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.36	70	74202	13.244	ng	# 79
25) Isophorone	7.36	82	551780	33.242	ng	# 62
50) Dimethylphthalate	9.55	163	112103	6.358	ng	# 98
57) 2,4-Dinitrotoluene	9.83	165	31869	6.407	ng	# 29
65) 4,6-Dinitro-2-methylphenol	10.62	198	505	4.018	ng	# 84
67) 4-Bromophenyl-phenylether	10.63	248	14393	2.814	ng	# 1

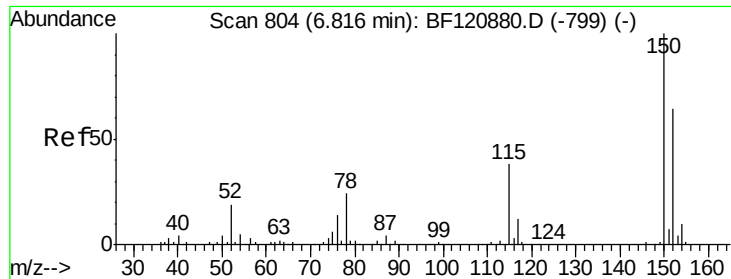
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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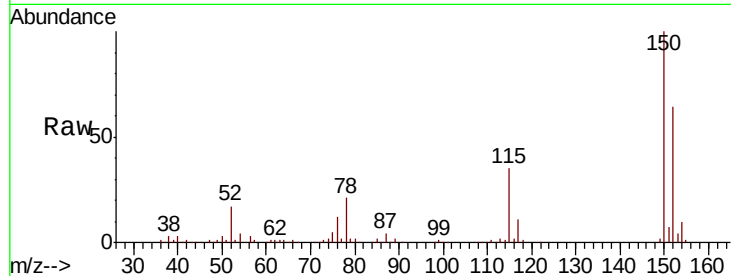


#1

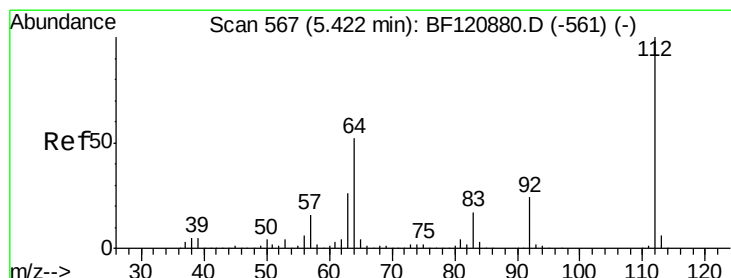
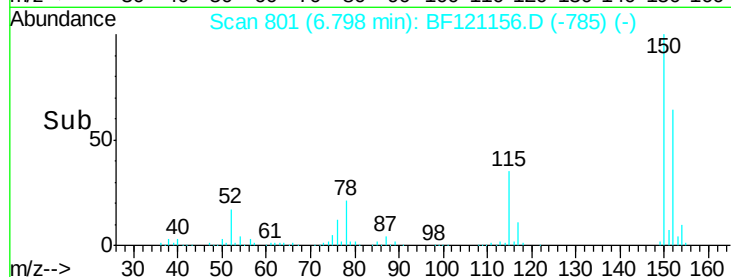
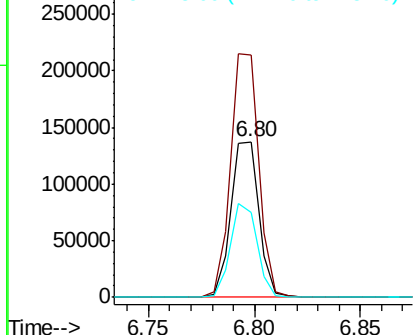
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF121156.D
Acq: 31 Jul 2020 14:20

Instrument :
BNA_F
ClientSampleId :
TP-8

Tot Ion:152 Resp: 125039
Ion Ratio Lower Upper
152 100
150 156.0 125.6 188.4
115 54.7 46.2 69.2



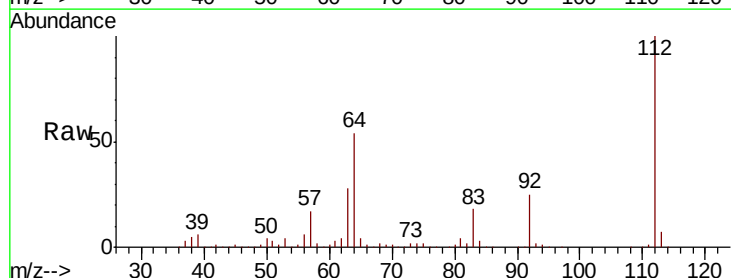
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



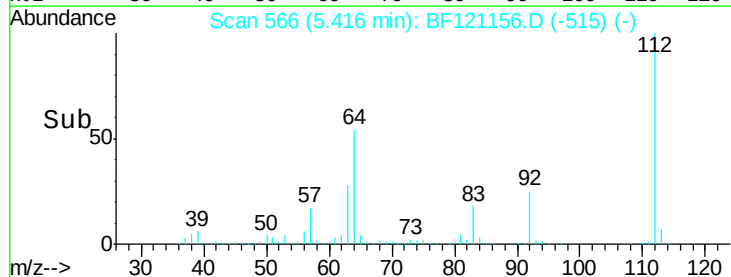
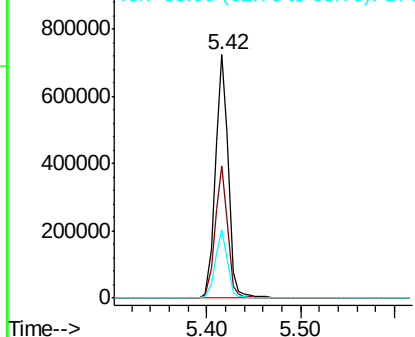
#5

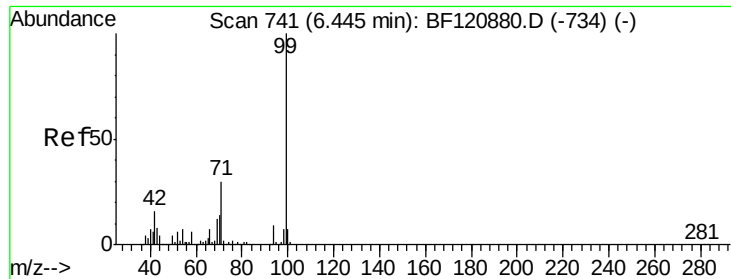
2-Fluorophenol
Concen: 92.408 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF121156.D
Acq: 31 Jul 2020 14:20

Tgt Ion:112 Resp: 704829
Ion Ratio Lower Upper
112 100
64 54.3 43.9 65.9
63 28.1 22.7 34.1



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: 87.653 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121156.D

Acq: 31 Jul 2020 14:20

Instrument :

BNA_F

ClientSampleId :

TP-8

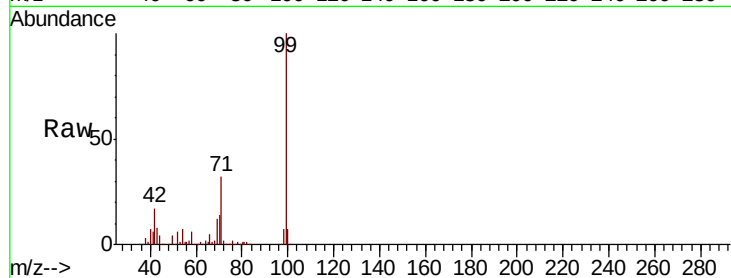
Tot Ion: 99 Resp: 863608

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

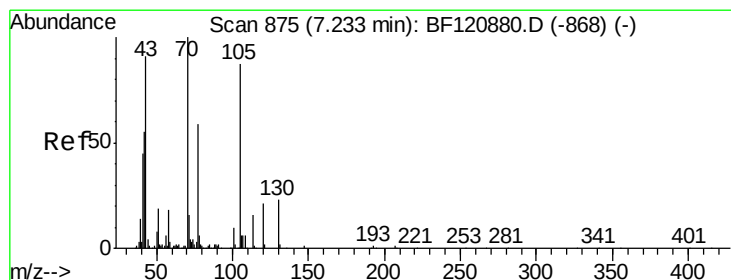
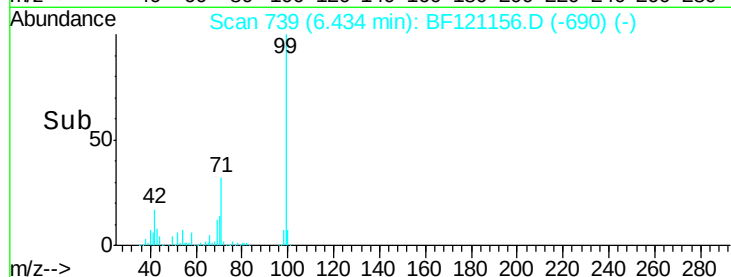
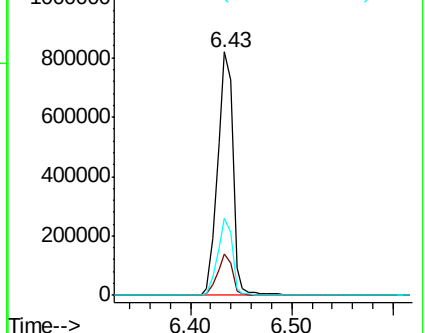
71 31.5 25.0 37.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.244 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.13 min

Lab File: BF121156.D

Acq: 31 Jul 2020 14:20

Tgt Ion: 70 Resp: 74202

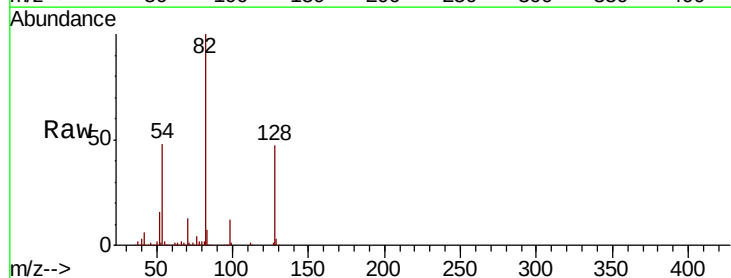
Ion Ratio Lower Upper

70 100

42 46.6 43.3 64.9

101 0.0 8.4 12.6#

130 2.4 18.7 28.1#

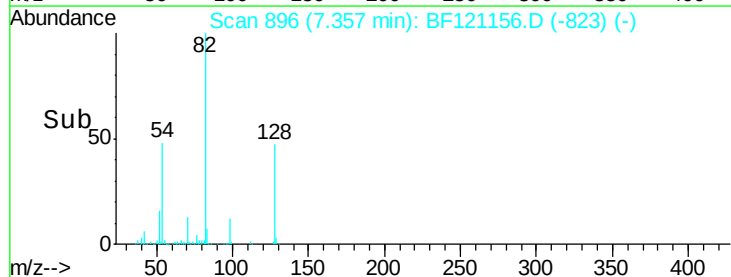
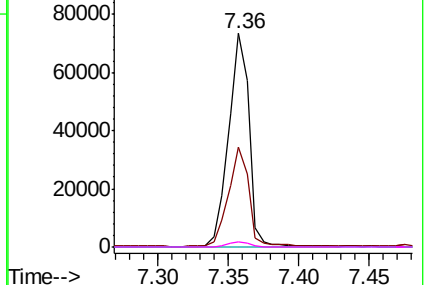


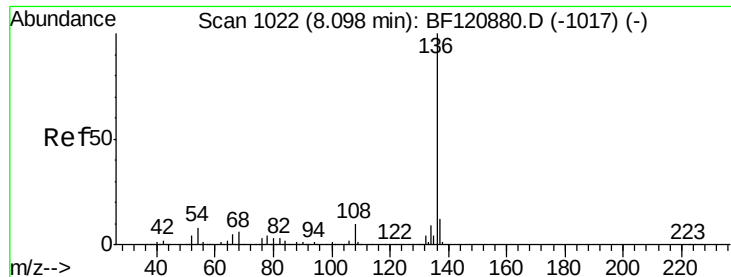
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

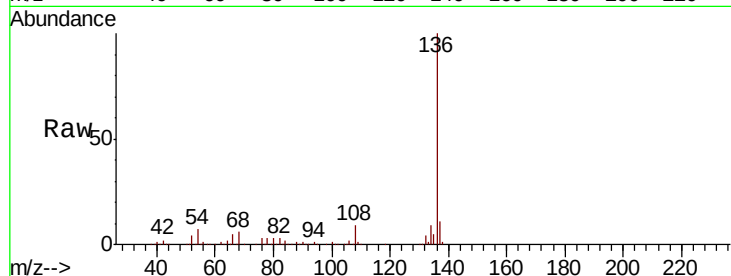




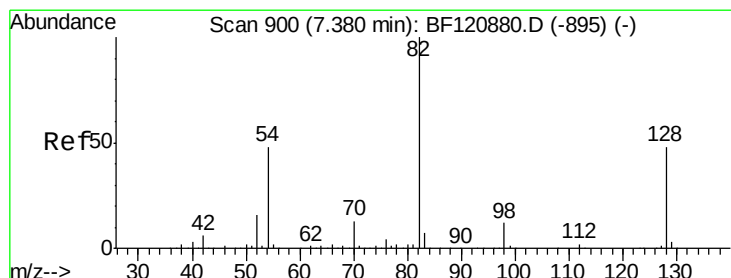
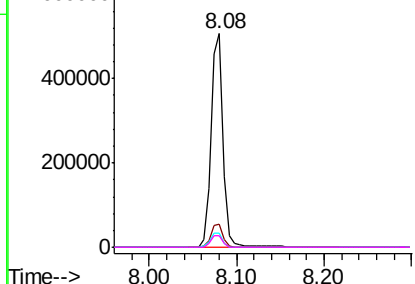
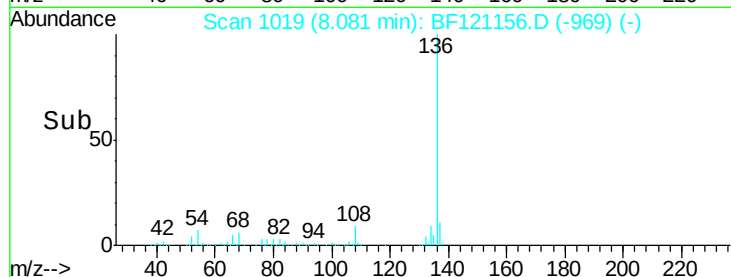
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF121156.D
Acq: 31 Jul 2020 14:20

Instrument :
BNA_F
ClientSampleId :
TP-8

Tot Ion:136	Resp:	481247
Ion Ratio	Lower	Upper
136 100		
137 11.0	9.0	13.4
54 6.5	6.1	9.1
68 5.5	5.0	7.6

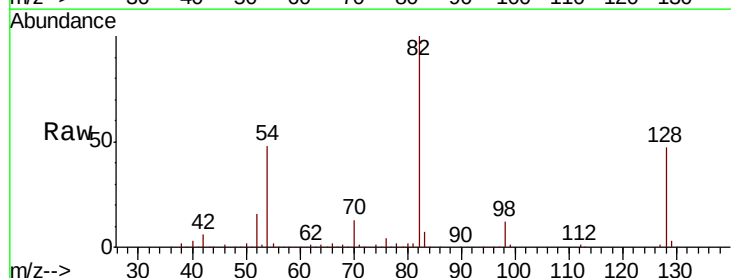


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

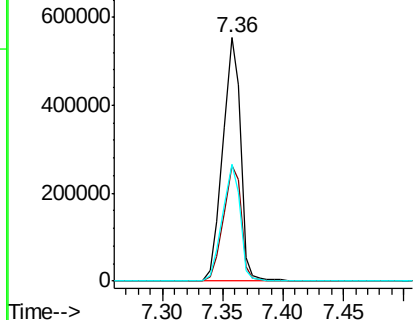
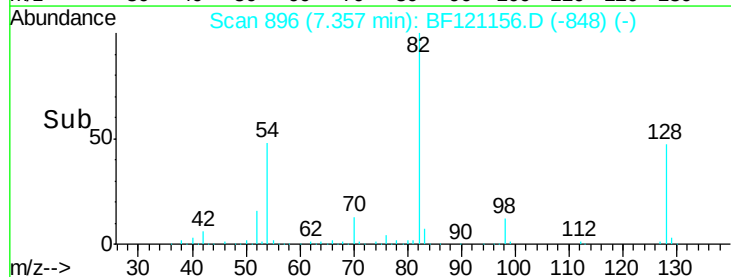


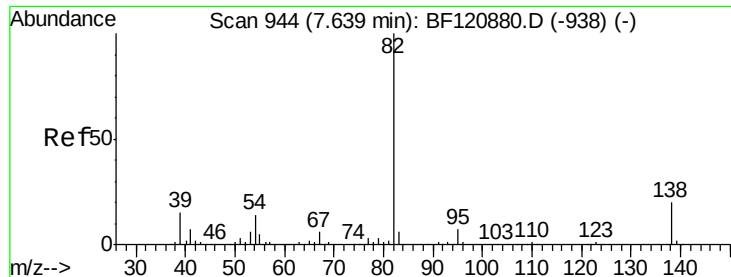
#23
Nitrobenzene-d5
Concen: 68.100 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF121156.D
Acq: 31 Jul 2020 14:20

Tgt Ion: 82	Resp: 566388
Ion Ratio	Lower Upper
82 100	
128 47.4	39.2 58.8
54 47.8	37.8 56.8



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: 33.242 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.28 min

Lab File: BF121156.D

Acq: 31 Jul 2020 14:20

Instrument :

BNA_F

ClientSampleId :

TP-8

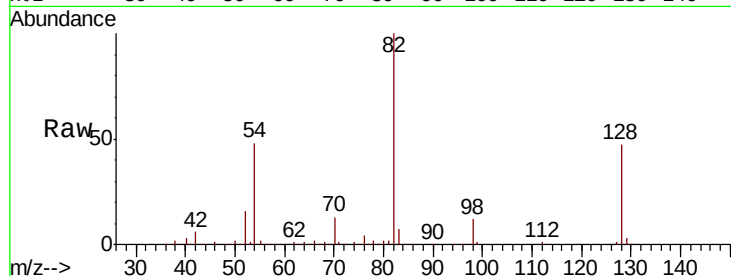
Tot Ion: 82 Resp: 551780

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

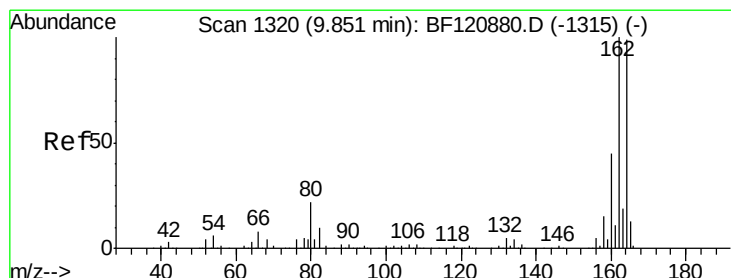
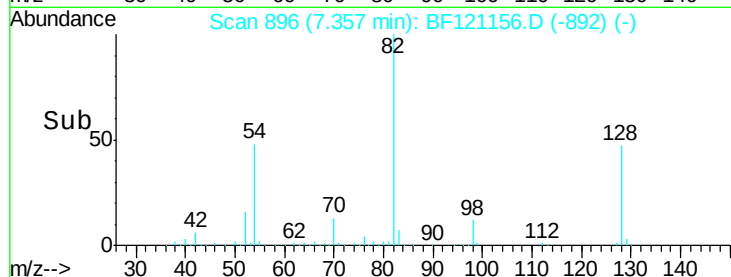
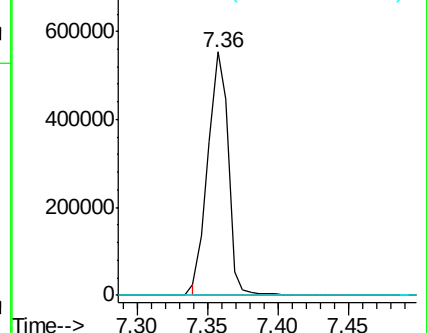
138 0.0 16.2 24.2#



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: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121156.D

Acq: 31 Jul 2020 14:20

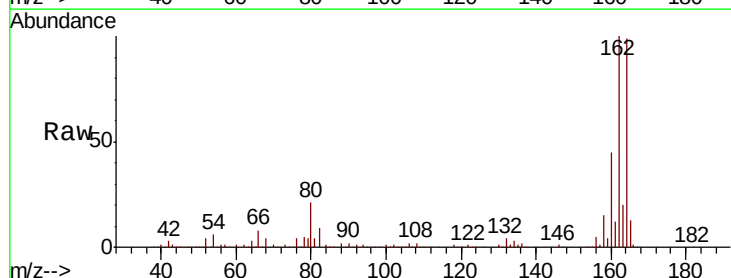
Tgt Ion: 164 Resp: 244394

Ion Ratio Lower Upper

164 100

162 100.8 82.2 123.2

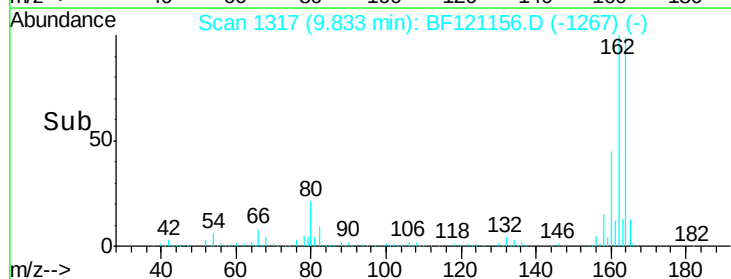
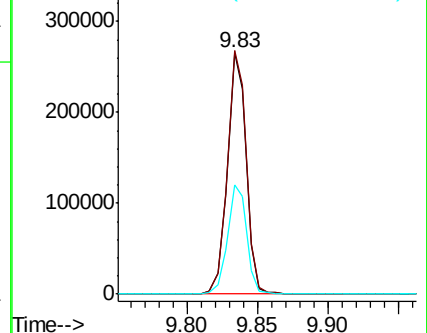
160 45.2 37.2 55.8

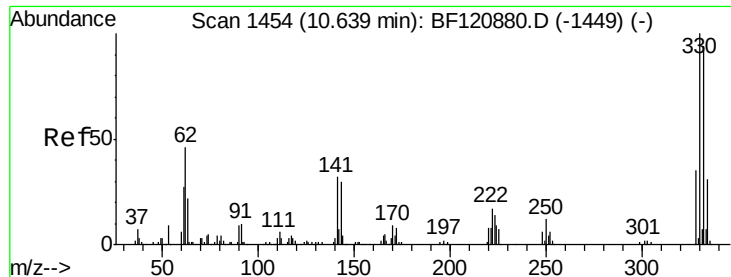


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 93.392 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF121156.D

Acq: 31 Jul 2020 14:20

Instrument :

BNA_F

ClientSampleId :

TP-8

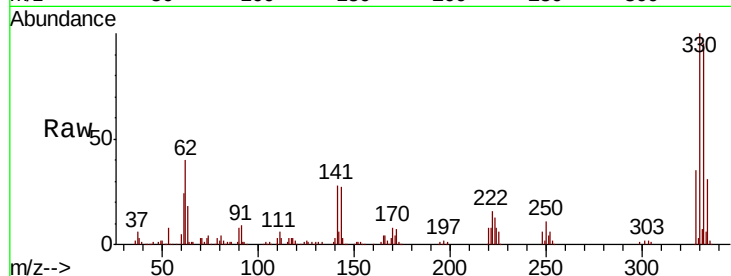
Tot Ion:330 Resp: 249837

Ion Ratio Lower Upper

330 100

332 96.2 76.1 114.1

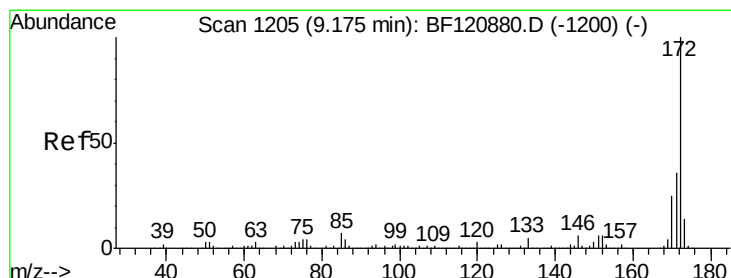
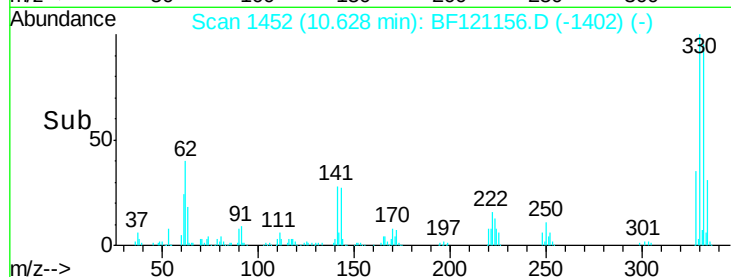
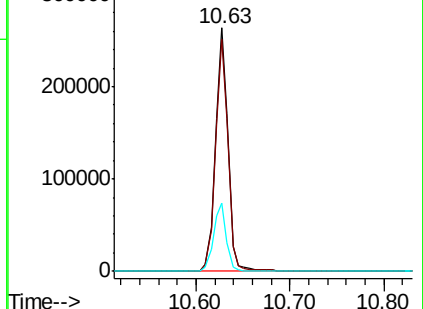
141 29.1 24.1 36.1



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: 62.469 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF121156.D

Acq: 31 Jul 2020 14:20

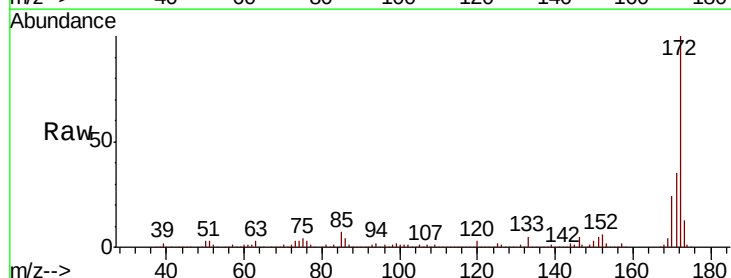
Tgt Ion:172 Resp: 1022545

Ion Ratio Lower Upper

172 100

171 35.0 29.0 43.4

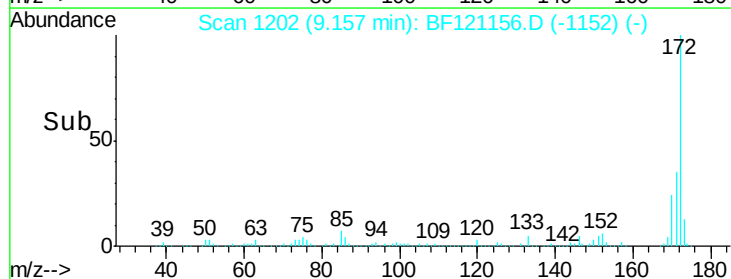
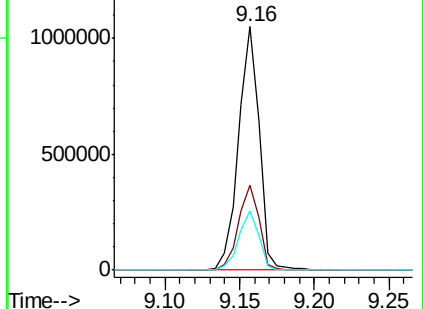
170 24.1 19.6 29.4

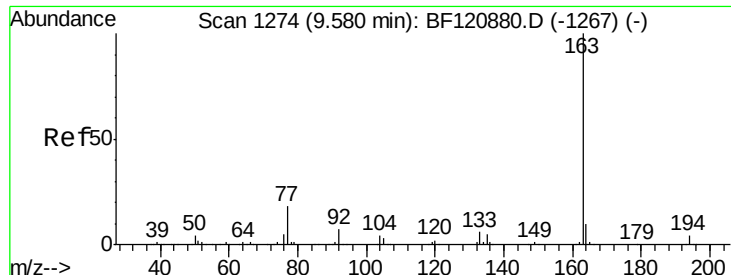


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

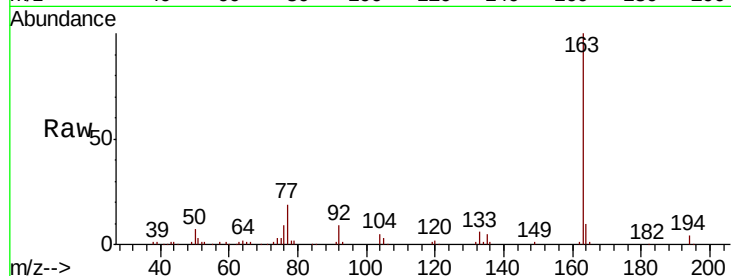




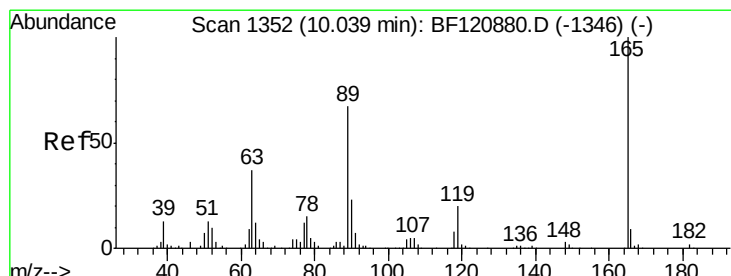
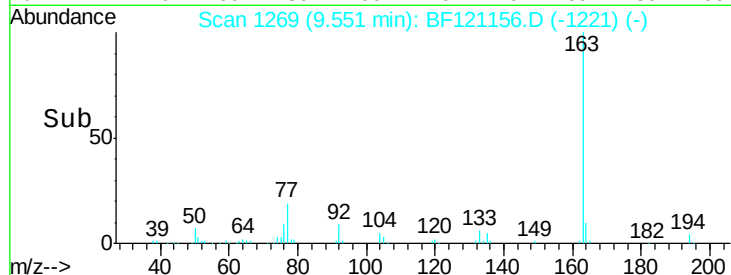
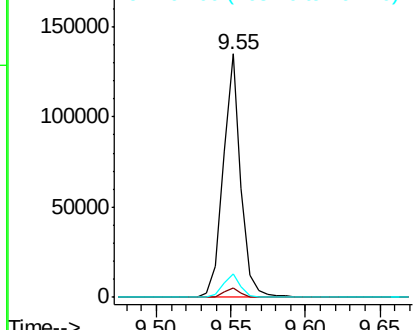
#50
Dimethylphthalate
Concen: 6.358 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF121156.D
Acq: 31 Jul 2020 14:20

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	9.7	8.4	12.6



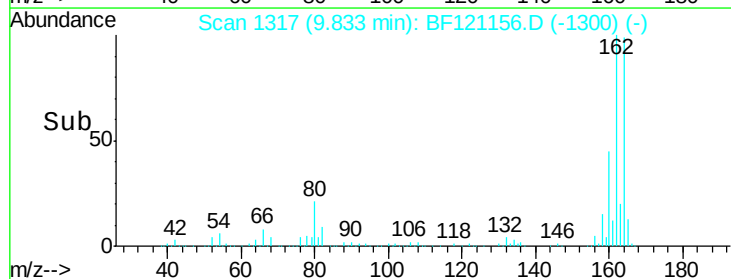
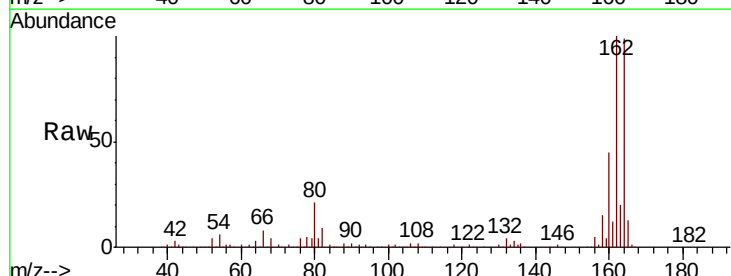
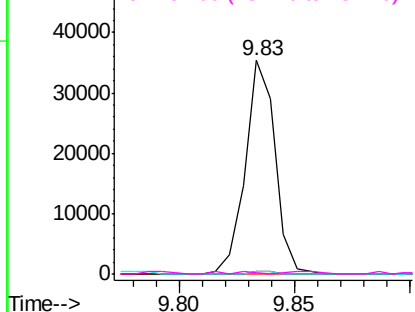
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

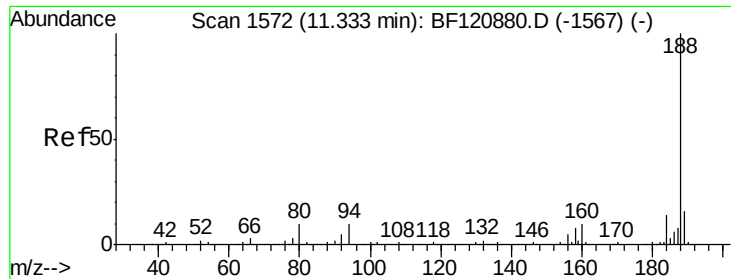


#57
2,4-Dinitrotoluene
Concen: 6.407 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.20 min
Lab File: BF121156.D
Acq: 31 Jul 2020 14:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.8	44.8#
89	1.2	50.3	75.5#
182	0.9	2.1	3.1#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF121156.D

Acq: 31 Jul 2020 14:20

Instrument :

BNA_F

ClientSampleId :

TP-8

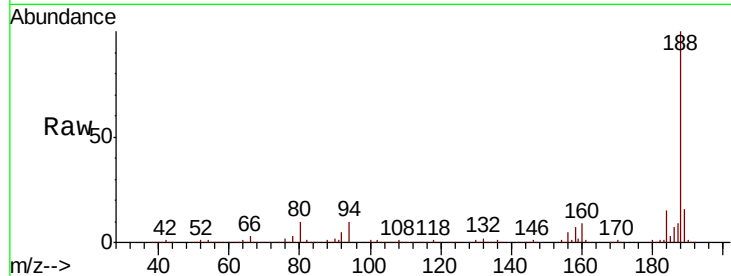
Tot Ion:188 Resp: 458714

Ion Ratio Lower Upper

188 100

94 9.7 8.0 12.0

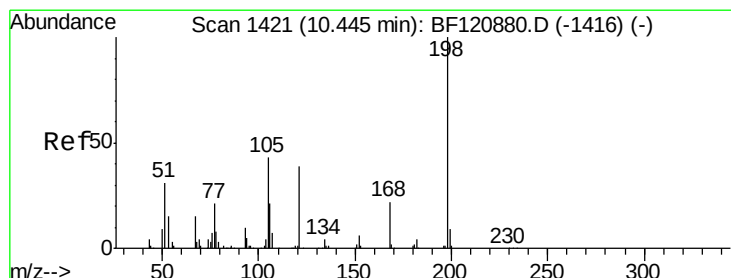
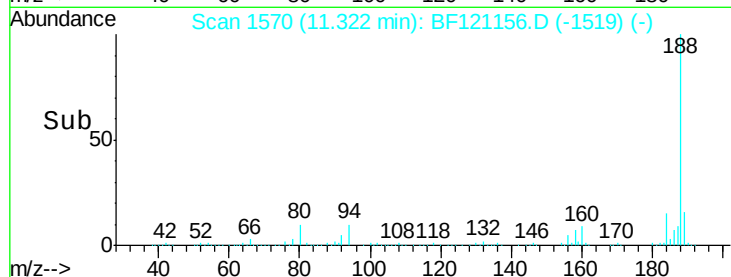
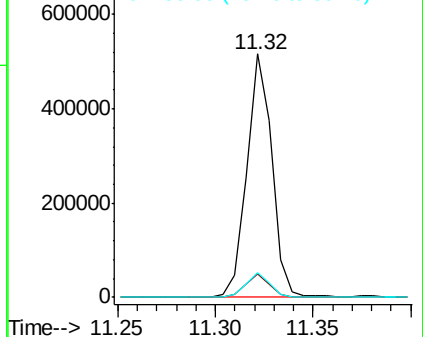
80 10.4 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 4.018 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.18 min

Lab File: BF121156.D

Acq: 31 Jul 2020 14:20

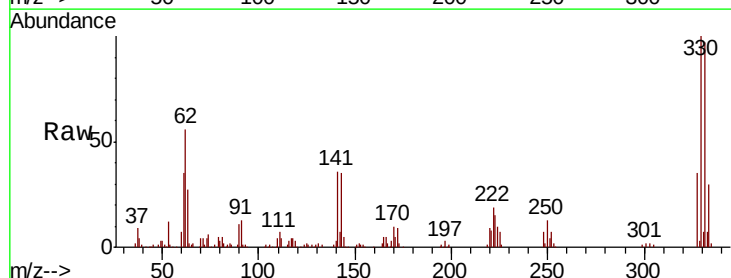
Tgt Ion:198 Resp: 505

Ion Ratio Lower Upper

198 100

51 34.7 23.4 63.4

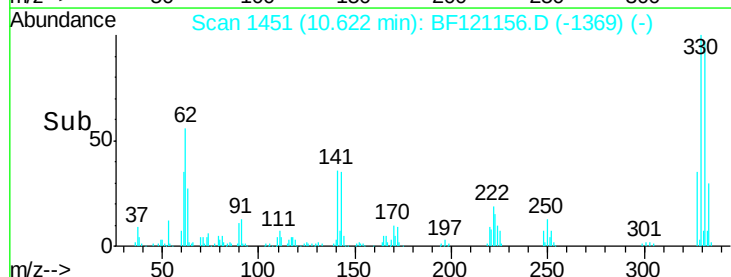
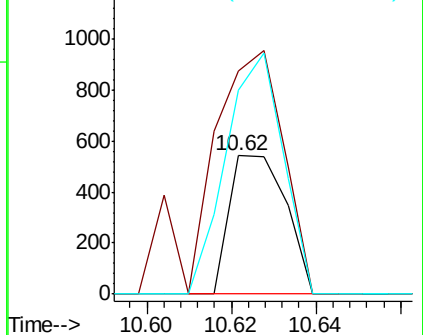
105 31.7 23.7 63.7

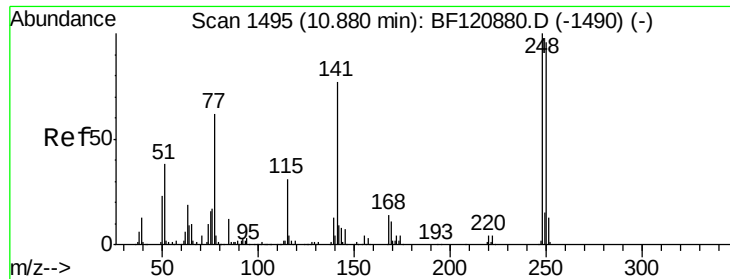


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

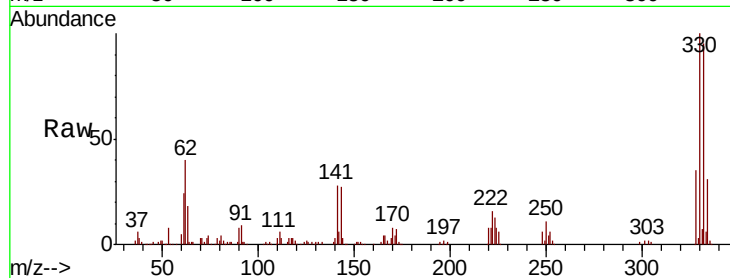




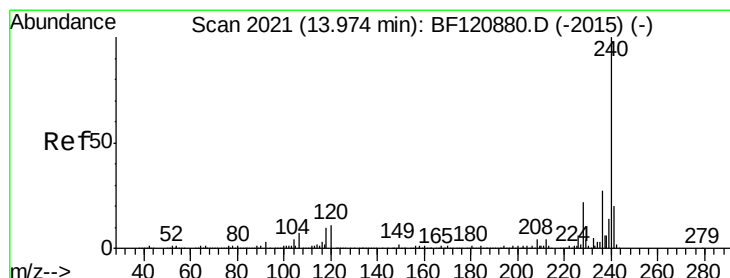
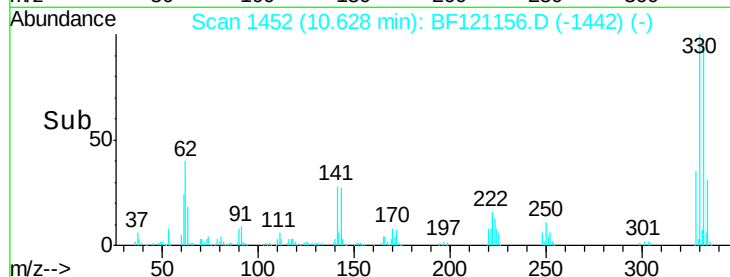
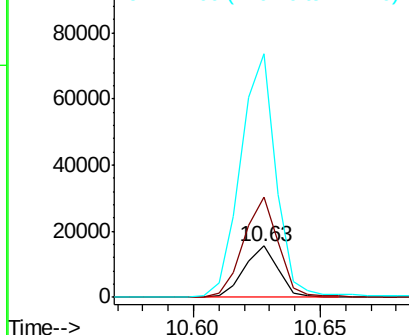
#67
4-Bromophenyl-phenylether
Concen: 2.814 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF121156.D
Acq: 31 Jul 2020 14:20

Instrument :
BNA_F
ClientSampled :
TP-8

Tot Ion:248 Resp: 14393
Ion Ratio Lower Upper
248 100
250 196.1 77.0 115.6#
141 477.3 56.6 85.0#

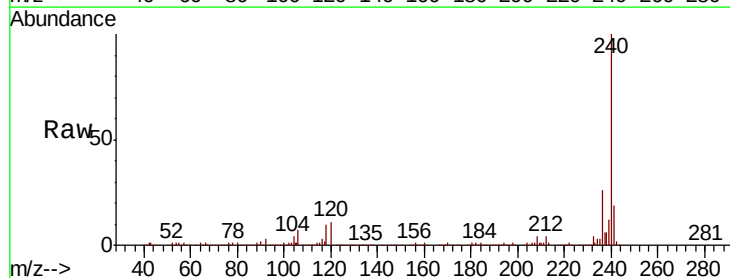


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

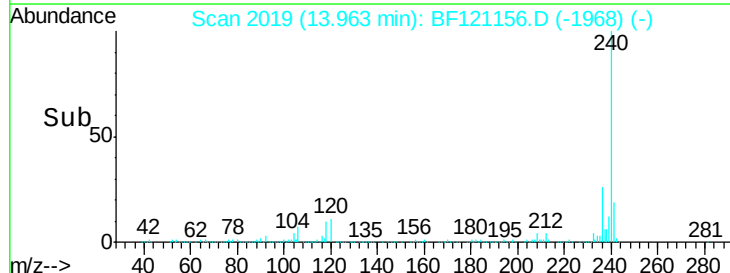
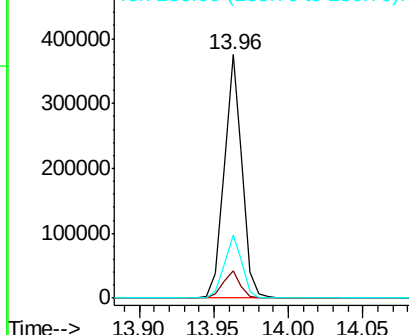


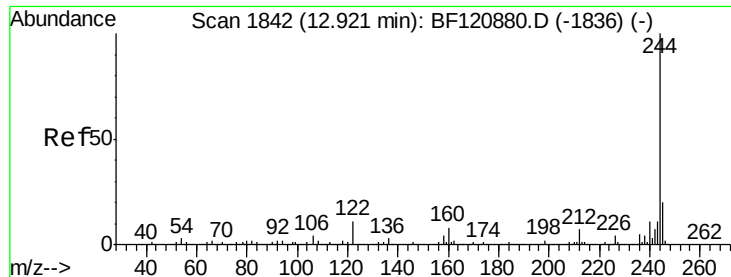
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF121156.D
Acq: 31 Jul 2020 14:20

Tgt Ion:240 Resp: 316465
Ion Ratio Lower Upper
240 100
120 11.4 9.3 13.9
236 25.9 21.1 31.7



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

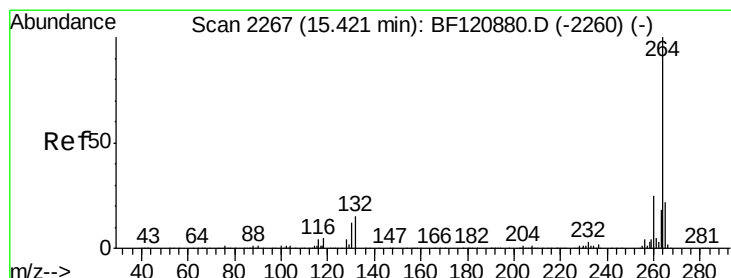
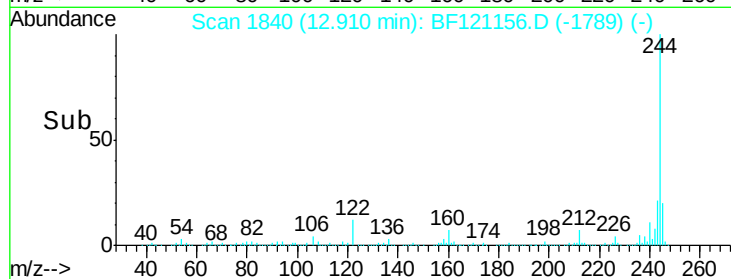
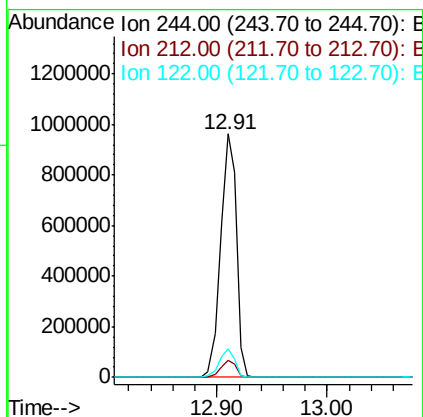
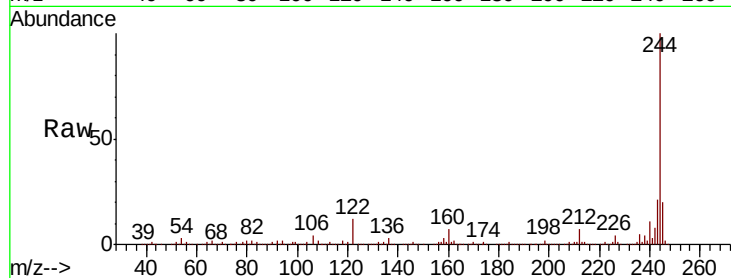




#79
 Terphenyl-d14
 Concen: 66.021 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF121156.D
 Acq: 31 Jul 2020 14:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Tot Ion:244 Resp: 961154
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 11.7 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. 0.01 min
 Lab File: BF121156.D
 Acq: 31 Jul 2020 14:20

Tgt Ion:264 Resp: 274172
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.9 29.9
 265 22.0 17.8 26.8

