

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
 Data File : BF121072.D
 Acq On : 28 Jul 2020 16:34
 Operator : JU/CG
 Sample : L3434-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 11986

Quant Time: Jul 28 17:04:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	142311	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	517904	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	289080	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	595609	20.00	ng	0.00
76) Chrysene-d12	13.97	240	563554	20.00	ng	0.00
86) Perylene-d12	15.42	264	540387	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	972907	112.07	ng	0.01
7) Phenol-d6	6.45	99	1062449	94.75	ng	0.00
23) Nitrobenzene-d5	7.37	82	789314	88.19	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	441740	139.60	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1534314	79.24	ng	0.00
79) Terphenyl-d14	12.92	244	1747376	67.40	ng	0.00

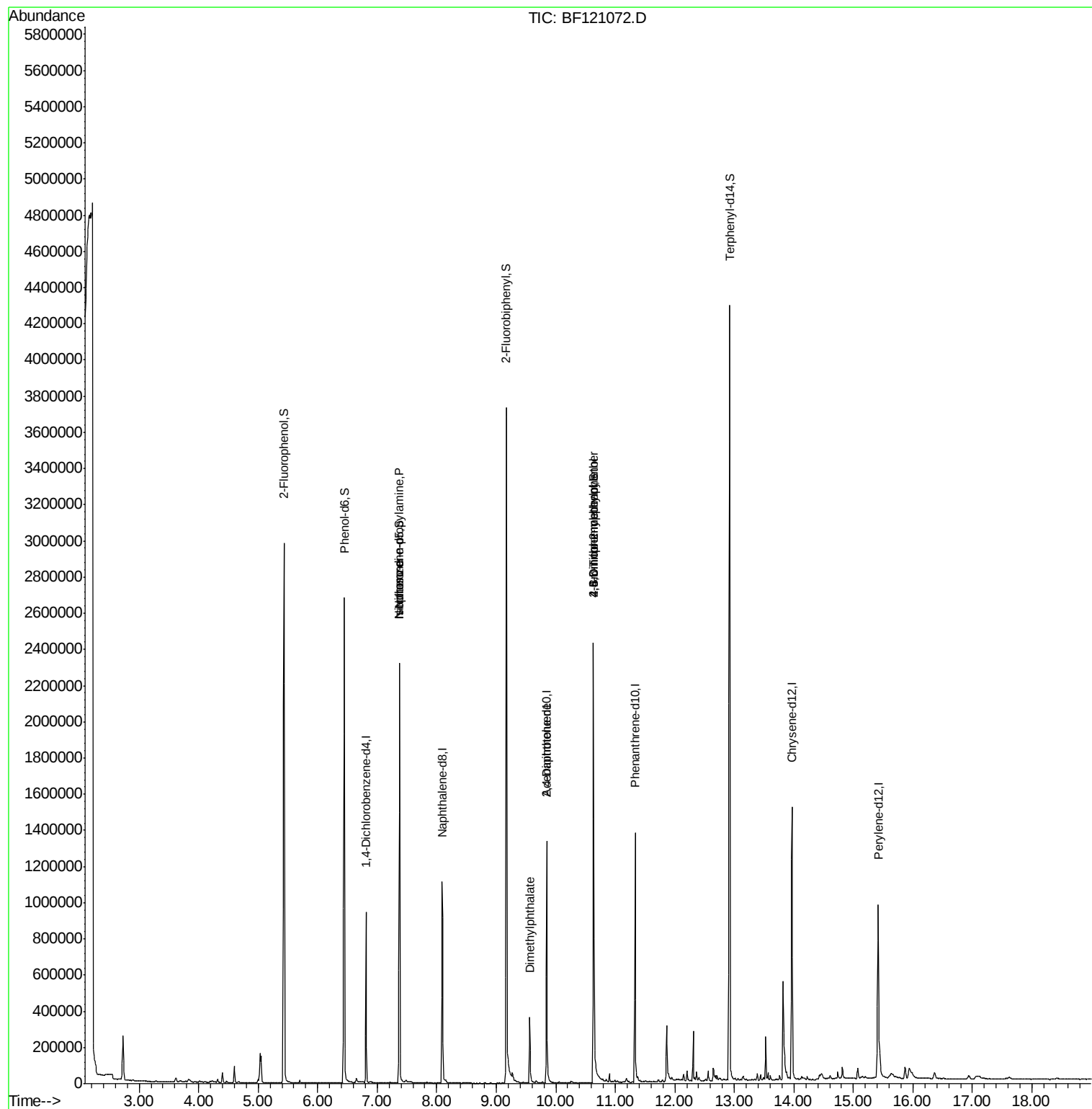
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.45	77	1396	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	104757	16.429	ng	# 76
25) Isophorone	7.37	82	789301	44.186	ng	# 63
50) Dimethylphthalate	9.56	163	159105	7.629	ng	99
57) 2,4-Dinitrotoluene	9.85	165	36817	6.257	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.64	198	722	4.035	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	24829	3.739	ng	# 1

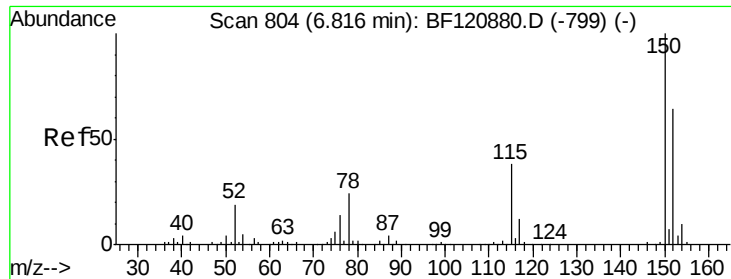
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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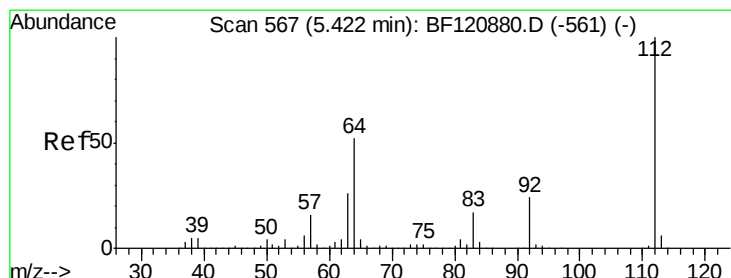
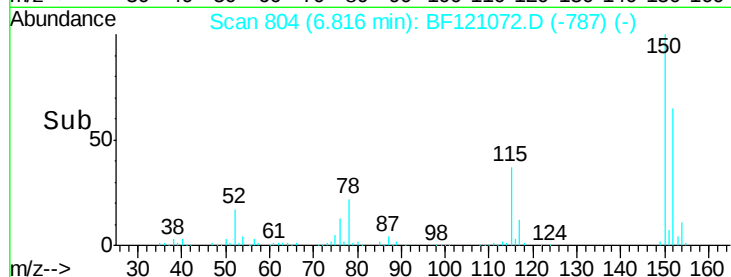
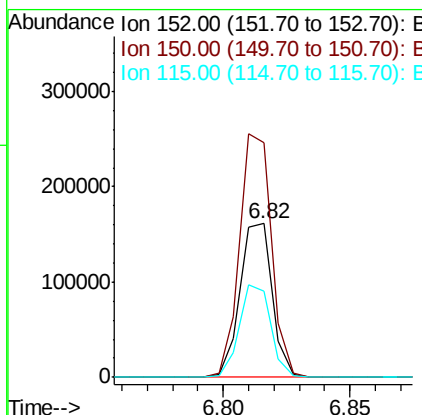
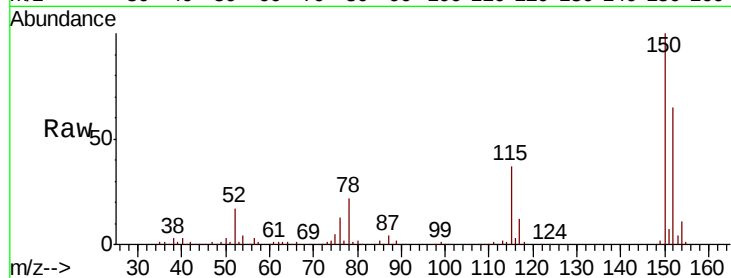




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF121072.D
 Acq: 28 Jul 2020 16:34

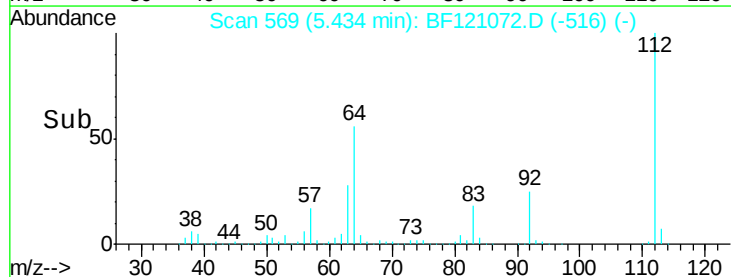
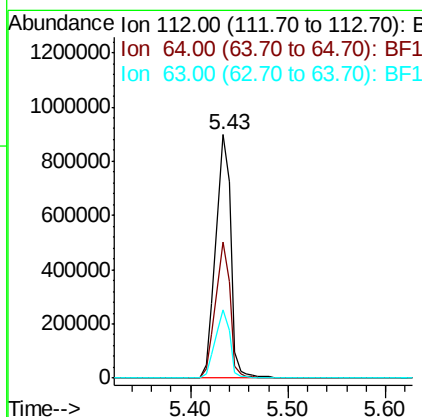
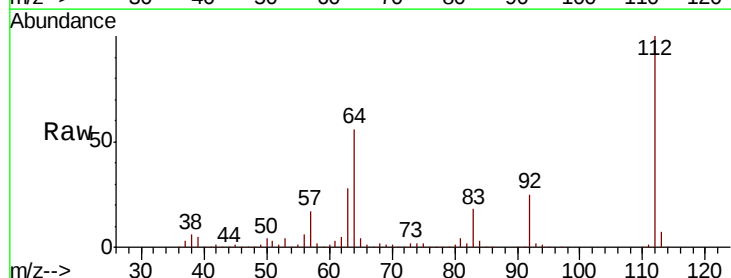
Instrument :
 BNA_F
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 11986

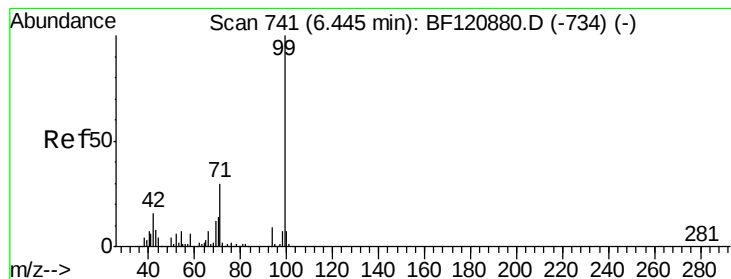
Tot Ion:152 Resp: 142311
 Ion Ratio Lower Upper
 152 100
 150 153.2 125.0 187.6
 115 56.0 47.0 70.4



#5
 2-Fluorophenol
 Concen: 112.074 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: BF121072.D
 Acq: 28 Jul 2020 16:34

Tgt Ion:112 Resp: 972907
 Ion Ratio Lower Upper
 112 100
 64 55.8 41.3 61.9
 63 28.2 21.1 31.7





#7

Phenol-d6

Concen: 94.747 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF121072.D

Acq: 28 Jul 2020 16:34

Instrument :

BNA_F

ClientSampleId :

11986

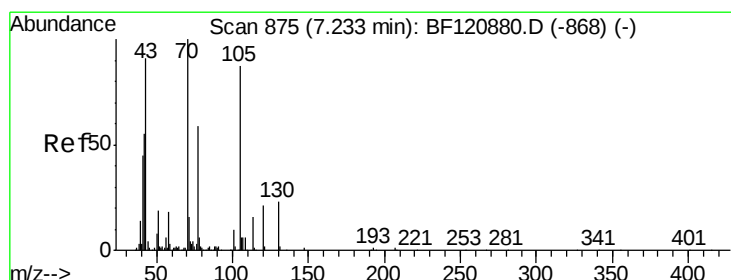
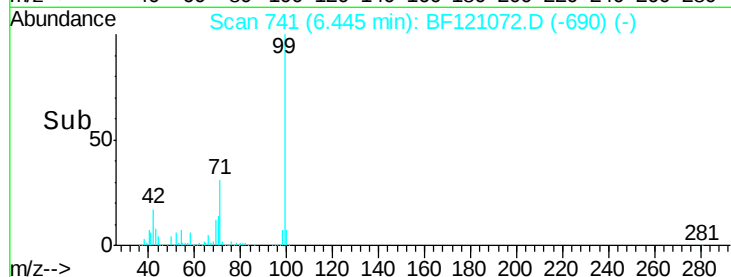
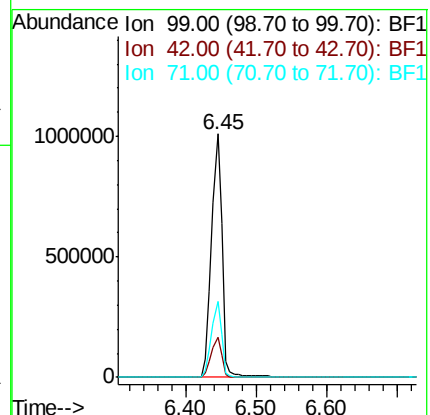
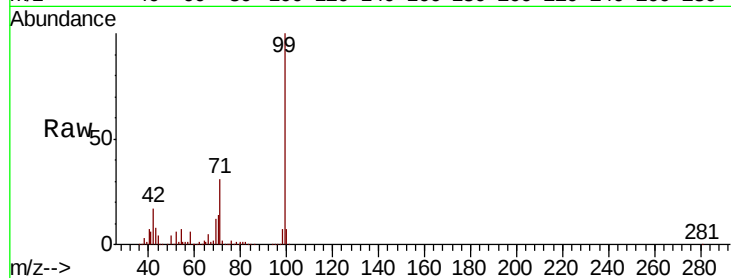
Tot Ion: 99 Resp: 1062449

Ion Ratio Lower Upper

99 100

42 16.7 13.1 19.7

71 31.4 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 16.429 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF121072.D

Acq: 28 Jul 2020 16:34

Tgt Ion: 70 Resp: 104757

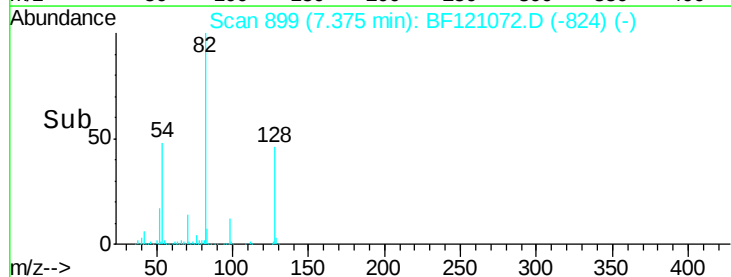
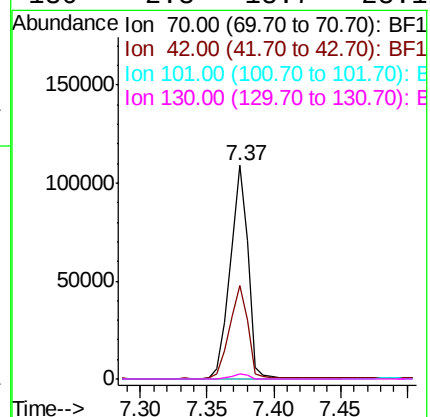
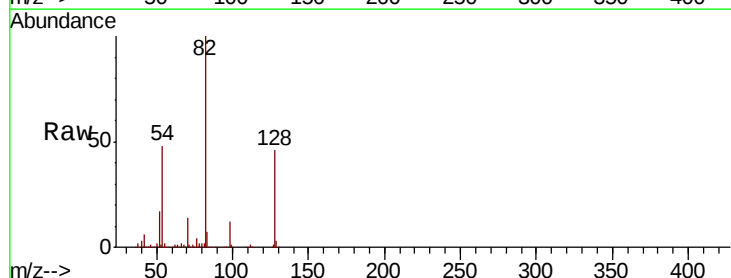
Ion Ratio Lower Upper

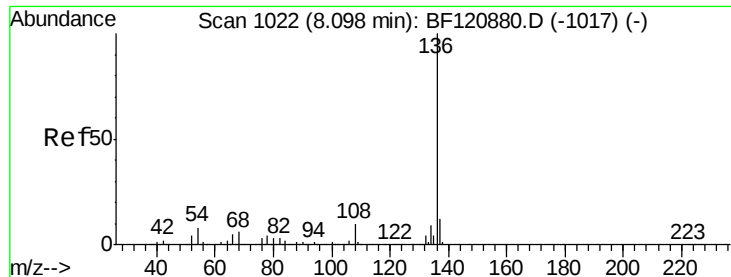
70 100

42 43.5 44.0 66.0#

101 0.0 7.8 11.6#

130 2.3 18.7 28.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121072.D

Acq: 28 Jul 2020 16:34

Instrument :

BNA_F

ClientSampleId :

11986

Tot Ion:136 Resp: 517904

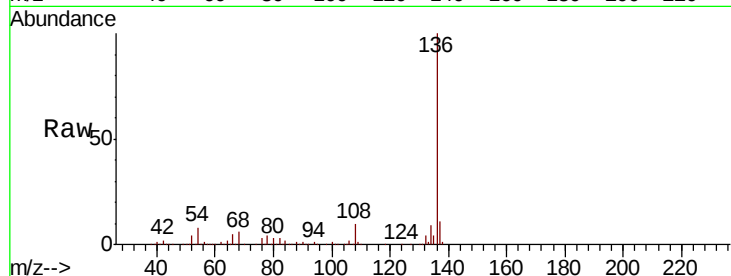
Ion Ratio Lower Upper

136 100

137 11.0 9.3 13.9

54 7.6 6.3 9.5

68 6.1 5.0 7.4

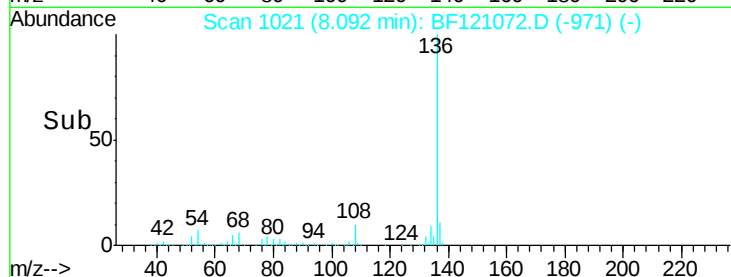


Abundance Ion 136.00 (135.70 to 136.70): E

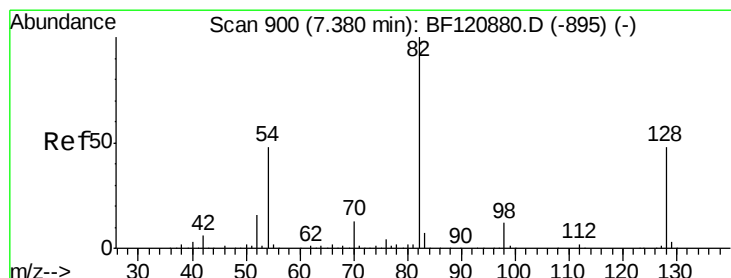
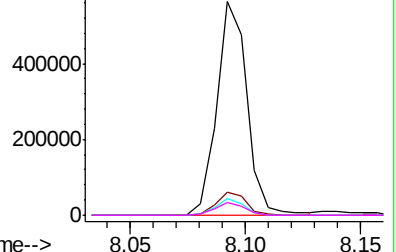
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 88.186 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF121072.D

Acq: 28 Jul 2020 16:34

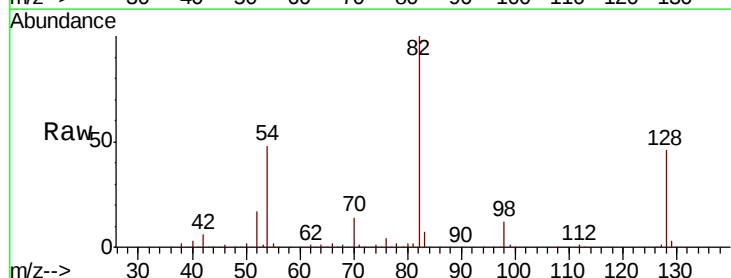
Tgt Ion: 82 Resp: 789314

Ion Ratio Lower Upper

82 100

128 46.5 38.2 57.4

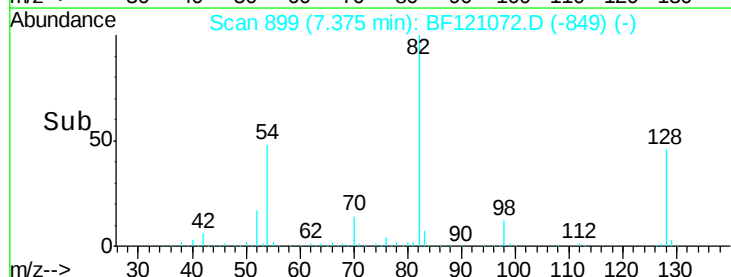
54 48.0 38.7 58.1



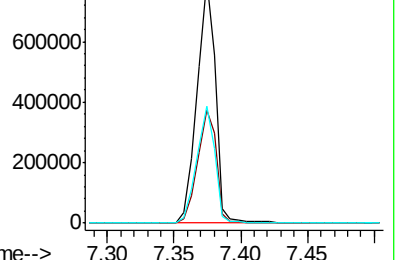
Abundance Ion 82.00 (81.70 to 82.70): BF1

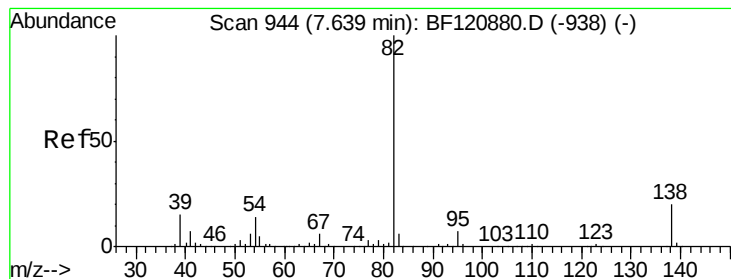
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->





#25

Isophorone

Concen: 44.186 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF121072.D

Acq: 28 Jul 2020 16:34

Instrument :

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ClientSampled :

11986

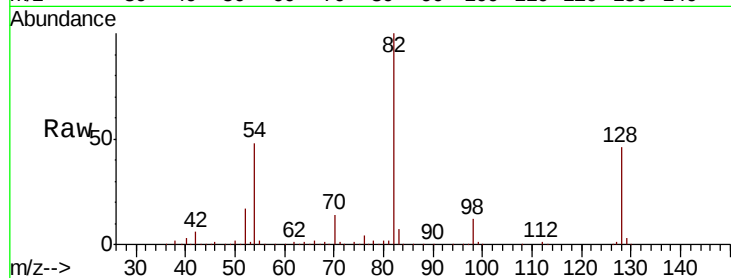
Tot Ion: 82 Resp: 789301

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 15.6 23.4#

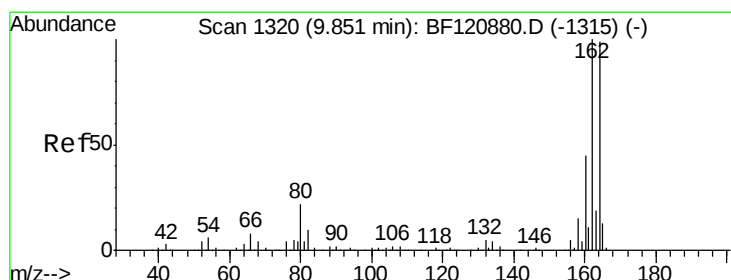
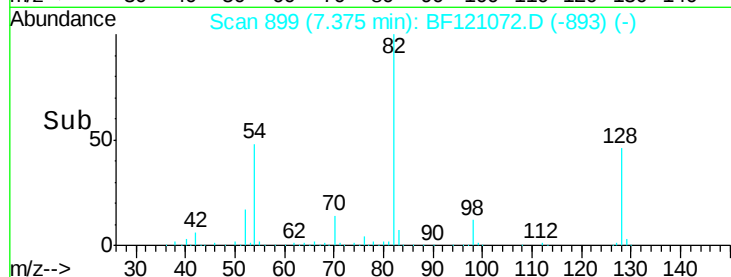


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF121072.D

Acq: 28 Jul 2020 16:34

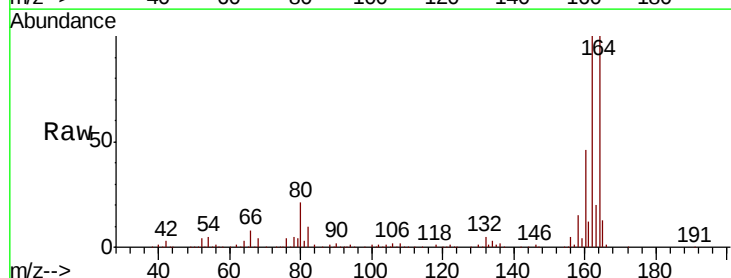
Tgt Ion: 164 Resp: 289080

Ion Ratio Lower Upper

164 100

162 99.6 81.2 121.8

160 45.5 36.9 55.3

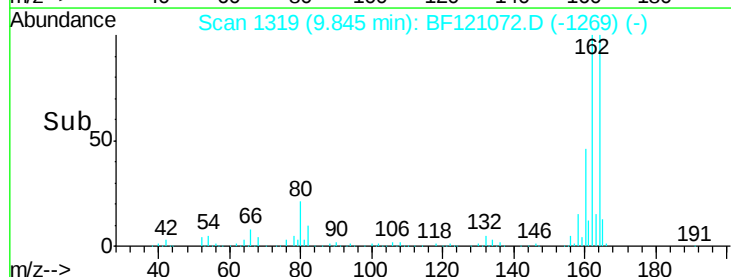


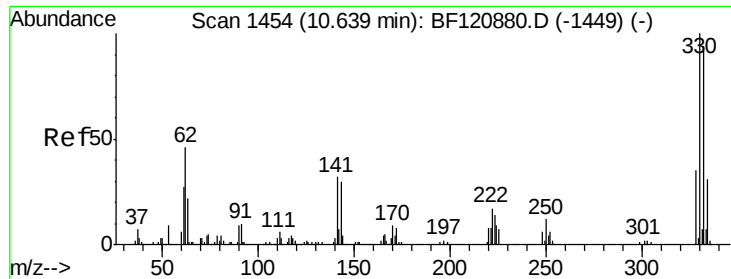
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->

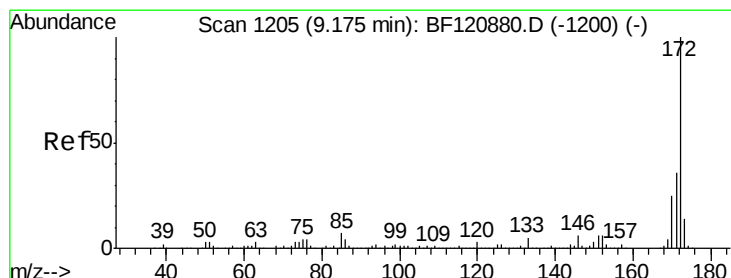
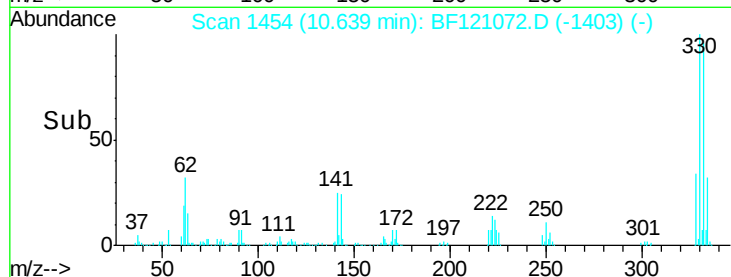
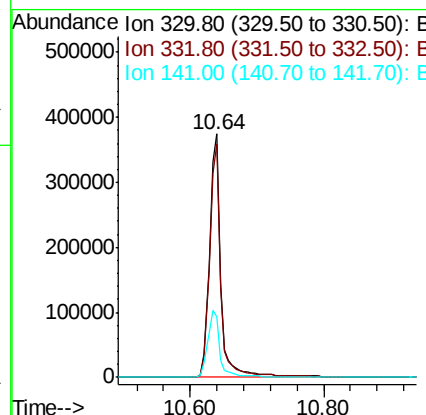
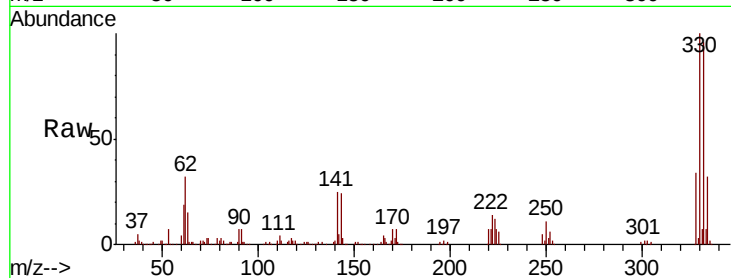




#42
 2,4,6-Tribromophenol
 Concen: 139.603 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF121072.D
 Acq: 28 Jul 2020 16:34

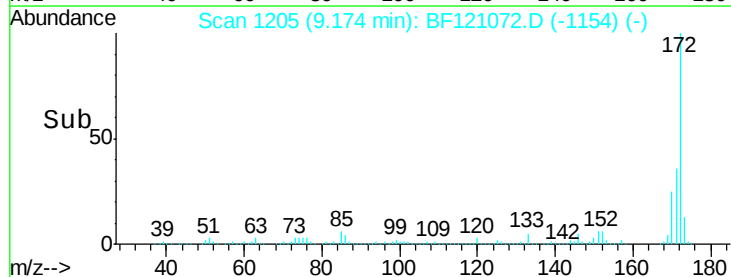
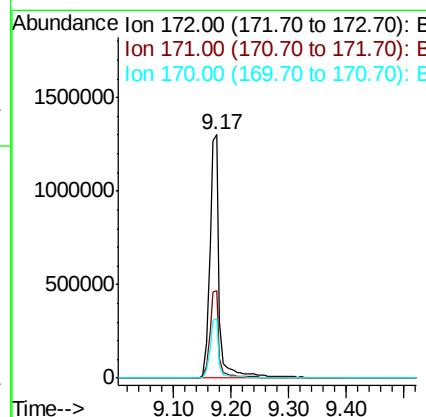
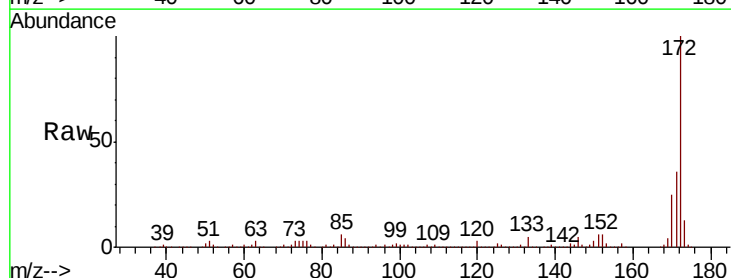
Instrument :
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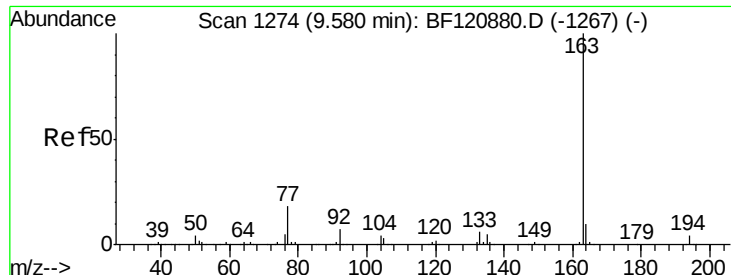
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.5	113.3
141	29.9	25.7	38.5



#45
 2-Fluorobiphenyl
 Concen: 79.244 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF121072.D
 Acq: 28 Jul 2020 16:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.6	19.6	29.4

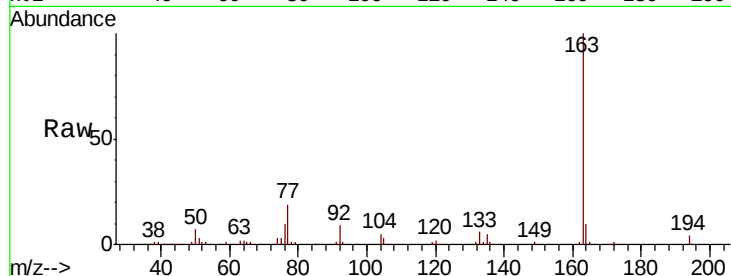




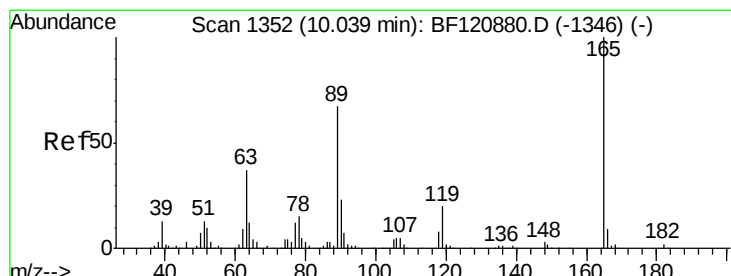
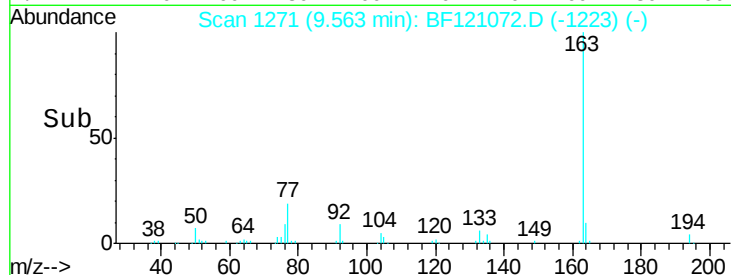
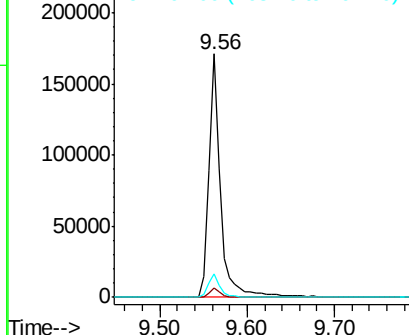
#50
Dimethylphthalate
Concen: 7.629 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF121072.D
Acq: 28 Jul 2020 16:34

Instrument :
BNA_F
ClientSampled :
11986

Tot Ion:163 Resp: 159105
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.6 7.9 11.9

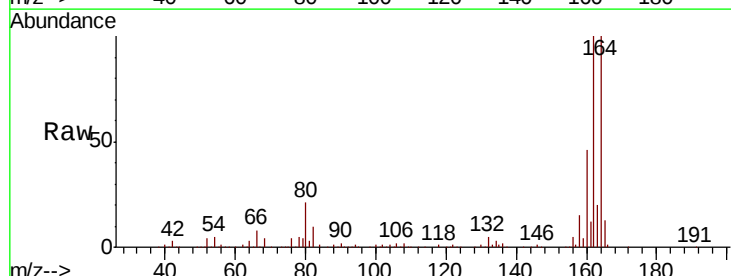


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

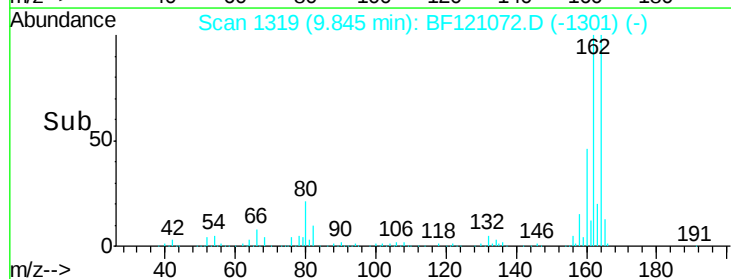
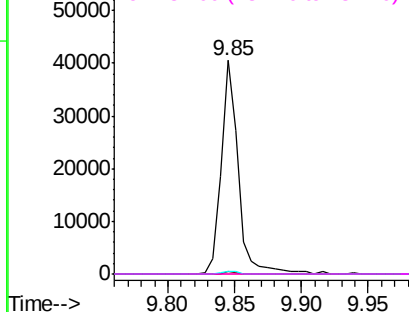


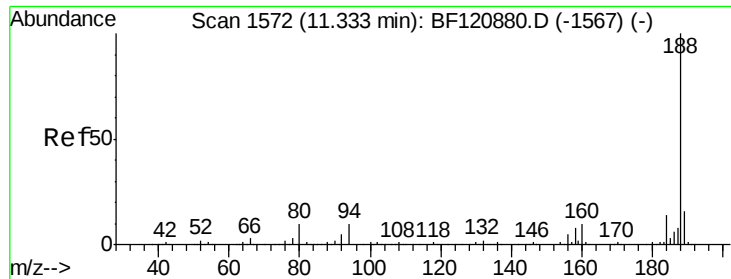
#57
2,4-Dinitrotoluene
Concen: 6.257 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.19 min
Lab File: BF121072.D
Acq: 28 Jul 2020 16:34

Tgt Ion:165 Resp: 36817
Ion Ratio Lower Upper
165 100
63 1.2 29.4 44.2#
89 1.2 53.4 80.0#
182 0.0 1.8 2.6#



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

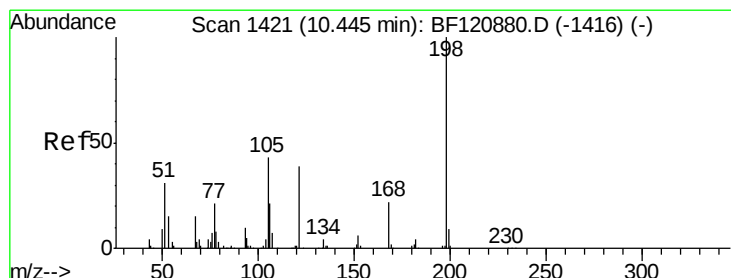
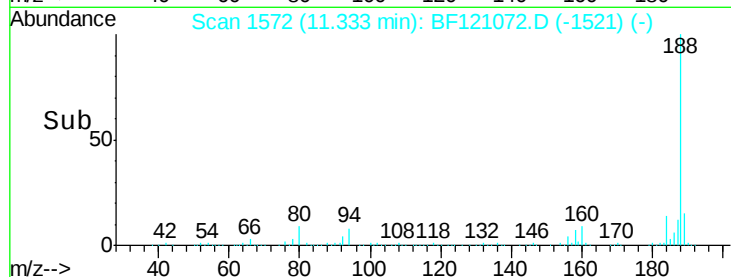
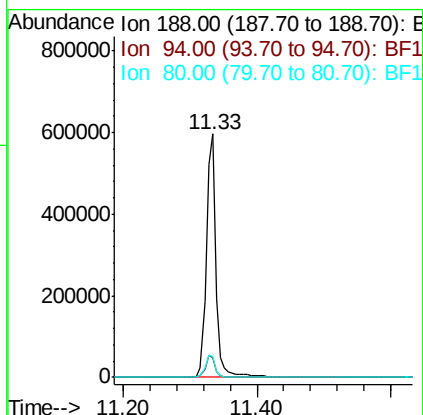
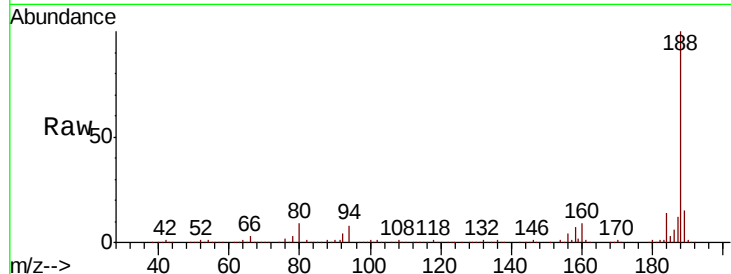




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF121072.D
 Acq: 28 Jul 2020 16:34

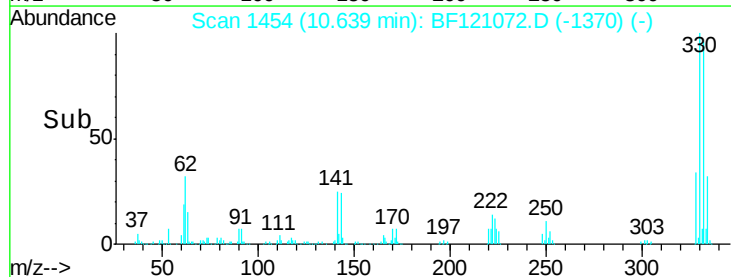
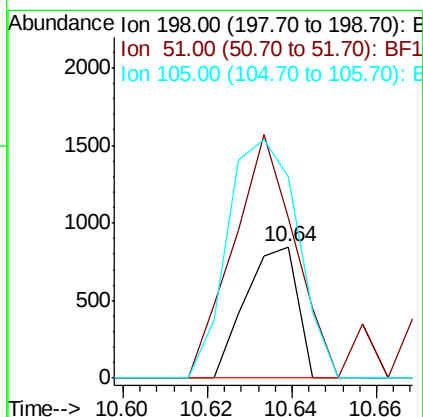
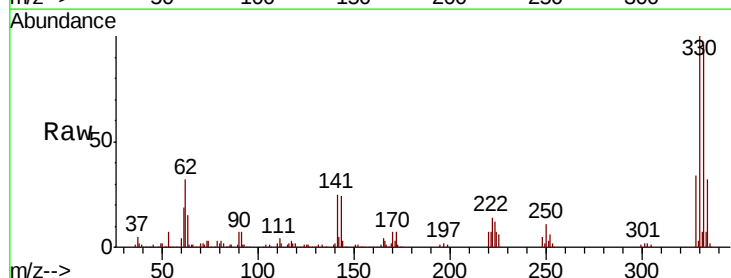
Instrument :
 BNA_F
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 11986

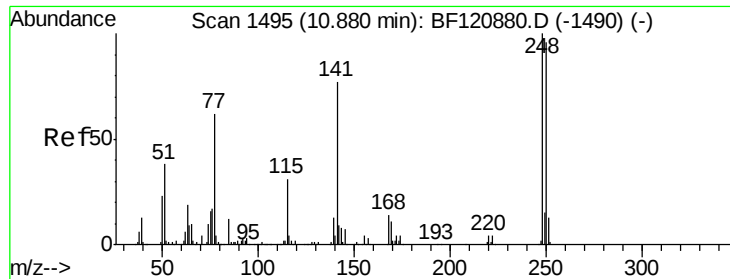
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.0	12.0
80	8.6	8.3	12.5



#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.035 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.19 min
 Lab File: BF121072.D
 Acq: 28 Jul 2020 16:34

Tgt Ion	Ratio	Lower	Upper
198	100		
51	122.2	19.5	59.5#
105	153.6	24.4	64.4#

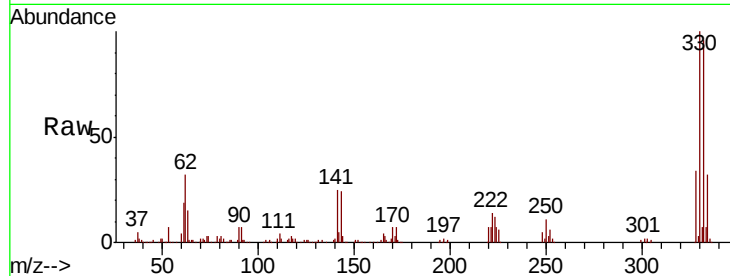




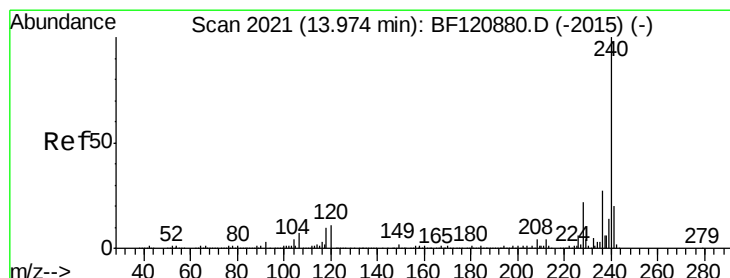
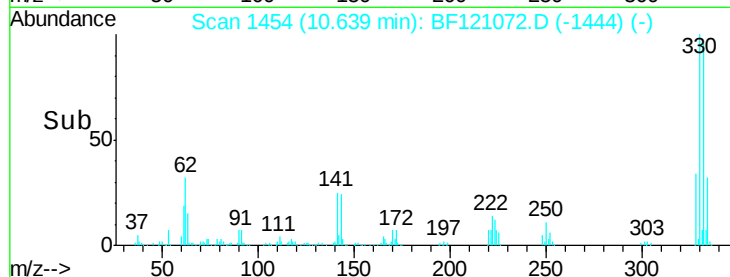
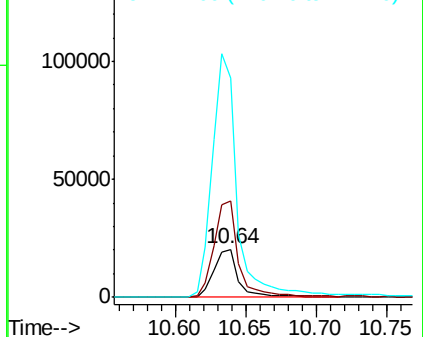
#67
4-Bromophenyl-phenylether
Concen: 3.739 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF121072.D
Acq: 28 Jul 2020 16:34

Instrument :
BNA_F
ClientSampled :
11986

Tot Ion:248 Resp: 24829
Ion Ratio Lower Upper
248 100
250 200.3 77.1 115.7#
141 456.3 61.2 91.8#

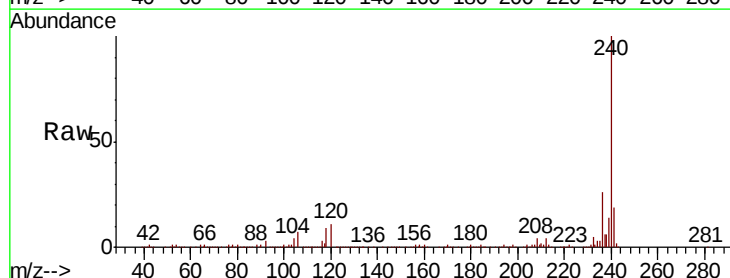


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

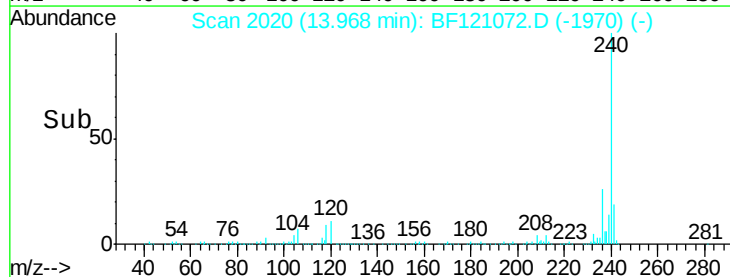
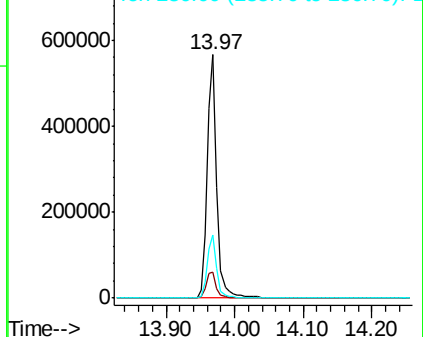


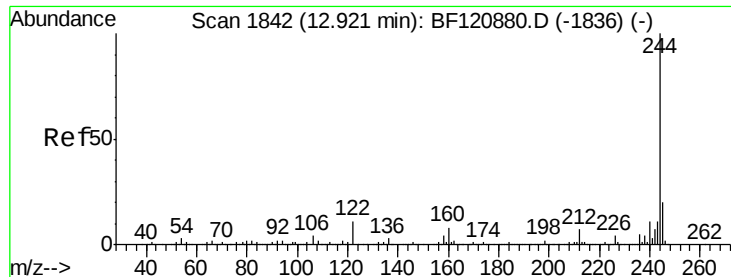
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121072.D
Acq: 28 Jul 2020 16:34

Tgt Ion:240 Resp: 563554
Ion Ratio Lower Upper
240 100
120 10.7 9.0 13.4
236 26.2 21.7 32.5



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: 67.401 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF121072.D

Acq: 28 Jul 2020 16:34

Instrument :

BNA_F

ClientSampleId :

11986

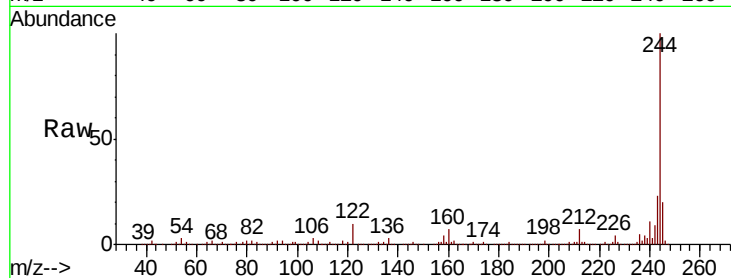
Tot Ion:244 Resp: 1747376

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

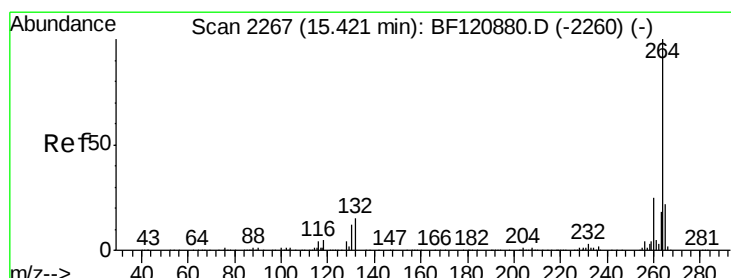
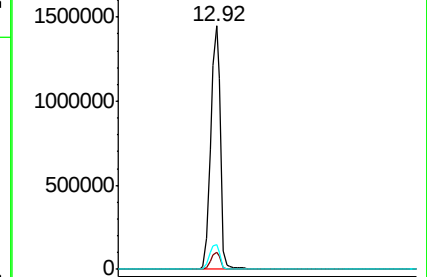
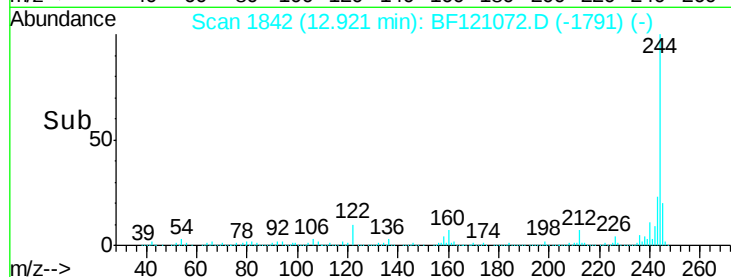
122 10.2 8.9 13.3



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF121072.D

Acq: 28 Jul 2020 16:34

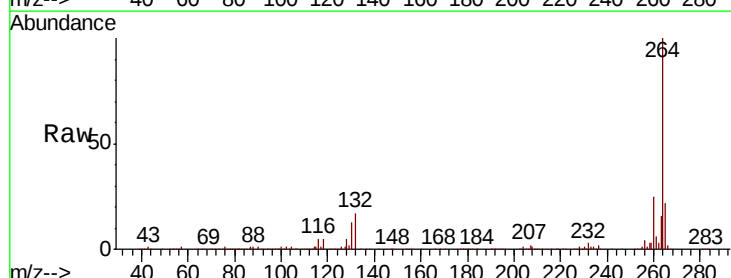
Tgt Ion:264 Resp: 540387

Ion Ratio Lower Upper

264 100

260 25.0 20.0 30.0

265 21.5 17.4 26.2



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

