

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
 Data File : BF121154.D
 Acq On : 31 Jul 2020 13:22
 Operator : JU/CG
 Sample : L3518-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: Jul 31 14:29:59 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

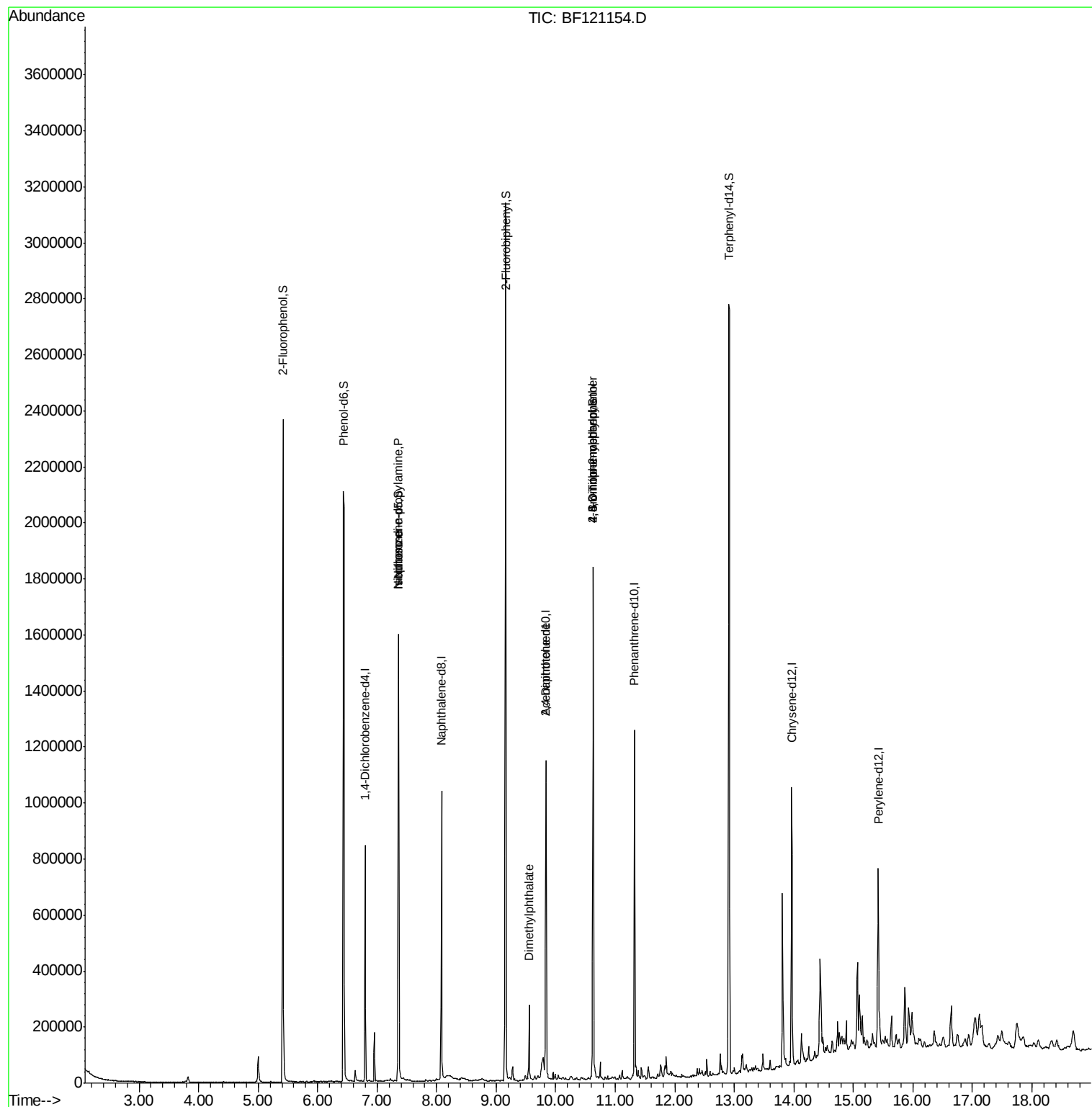
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	125897	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	479757	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	247789	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	464471	20.00	ng	0.00
76) Chrysene-d12	13.96	240	319283	20.00	ng	0.00
86) Perylene-d12	15.42	264	285338	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	702718	91.50	ng	0.00
7) Phenol-d6	6.43	99	868877	87.59	ng	-0.01
23) Nitrobenzene-d5	7.36	82	577156	69.61	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	258782	95.41	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1039915	62.66	ng	0.00
79) Terphenyl-d14	12.92	244	994865	67.73	ng	0.00
Target Compounds						
9) Benzaldehyde	6.35	77	262	Below Cal		Qvalue # 49
19) n-Nitroso-di-n-propylamine	7.36	70	77802	13.792	ng	# 78
25) Isophorone	7.36	82	563591	34.059	ng	# 62
50) Dimethylphthalate	9.55	163	103267	5.777	ng	# 99
57) 2,4-Dinitrotoluene	9.83	165	31515	6.249	ng	# 30
65) 4,6-Dinitro-2-methylphenol	10.63	198	451	3.997	ng	# 1
67) 4-Bromophenyl-phenylether	10.63	248	14630	2.825	ng	# 1

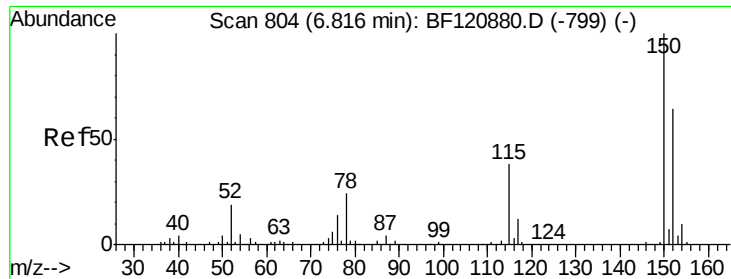
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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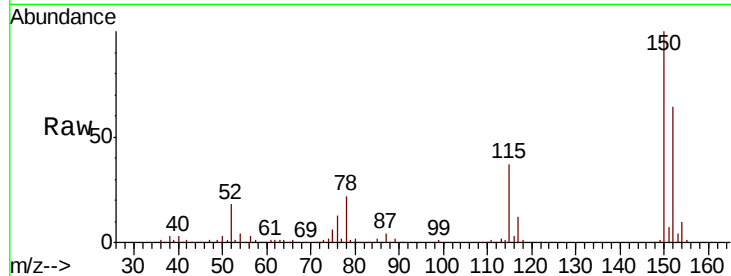


#1

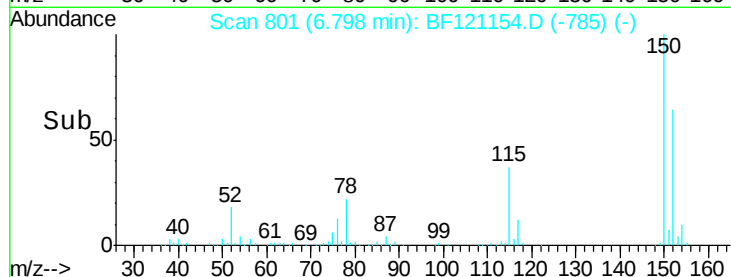
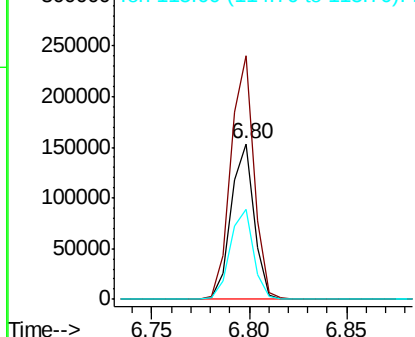
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF121154.D
Acq: 31 Jul 2020 13:22

Instrument :
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TP-7

Tot Ion:152 Resp: 125897
Ion Ratio Lower Upper
152 100
150 156.7 125.6 188.4
115 57.8 46.2 69.2



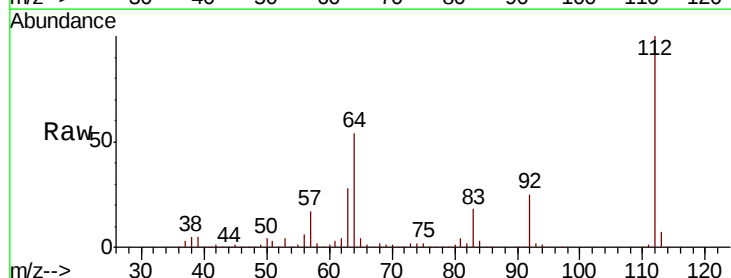
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



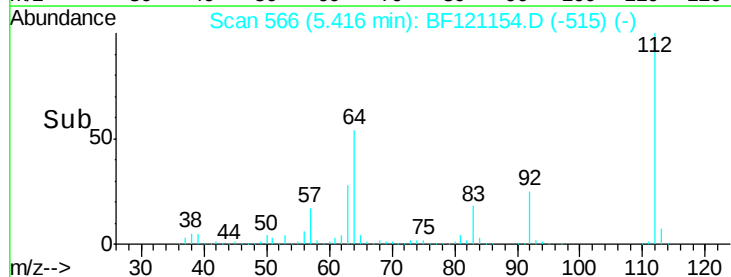
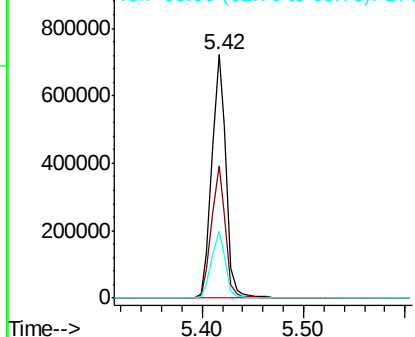
#5

2-Fluorophenol
Concen: 91.504 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF121154.D
Acq: 31 Jul 2020 13:22

Tgt Ion:112 Resp: 702718
Ion Ratio Lower Upper
112 100
64 54.4 43.9 65.9
63 27.6 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: 87.587 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121154.D

Acq: 31 Jul 2020 13:22

Instrument :

BNA_F

ClientSampleId :

TP-7

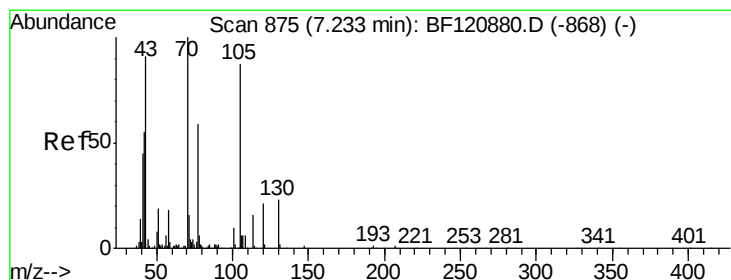
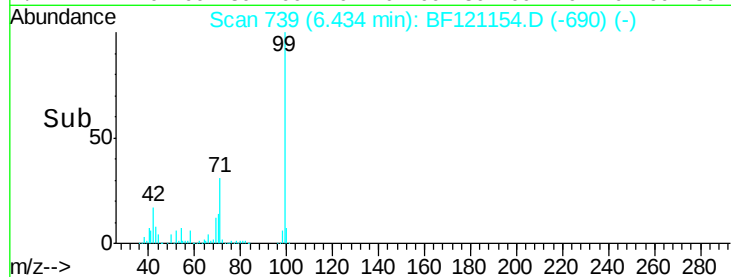
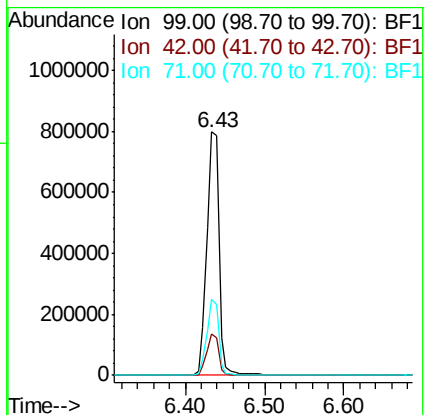
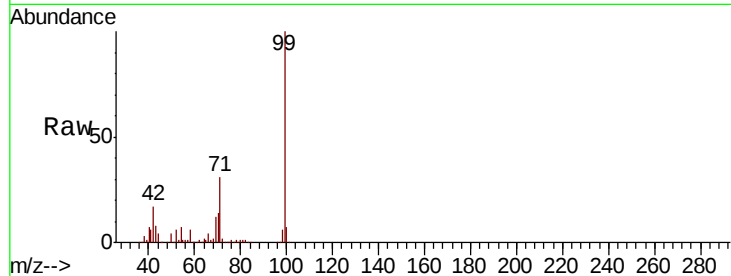
Tot Ion: 99 Resp: 868877

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

71 31.3 25.0 37.4



#19

n-Nitroso-di-n-propylamine

Concen: 13.792 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.13 min

Lab File: BF121154.D

Acq: 31 Jul 2020 13:22

Tgt Ion: 70 Resp: 77802

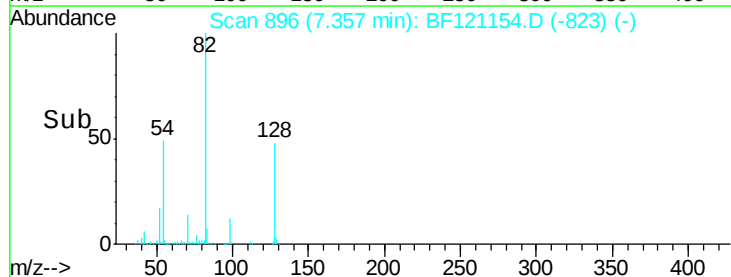
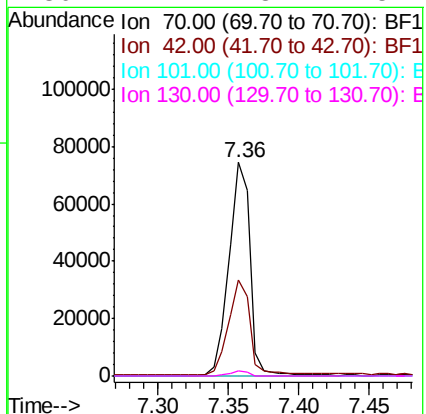
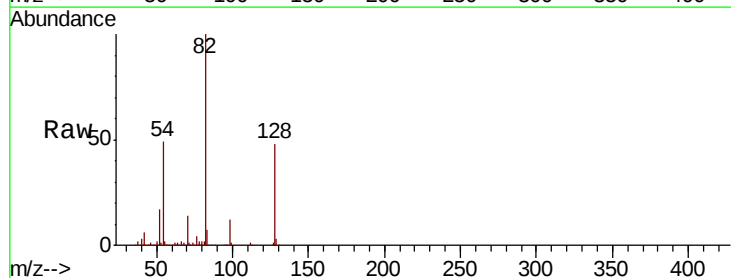
Ion Ratio Lower Upper

70 100

42 45.2 43.3 64.9

101 0.0 8.4 12.6#

130 2.4 18.7 28.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF121154.D

Acq: 31 Jul 2020 13:22

Instrument :

BNA_F

ClientSampleId :

TP-7

Tot Ion:136 Resp: 479757

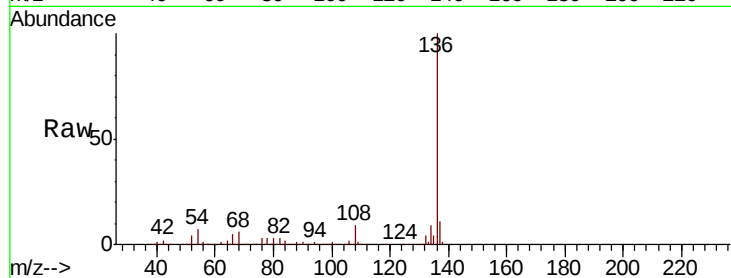
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.9 6.1 9.1

68 5.6 5.0 7.6

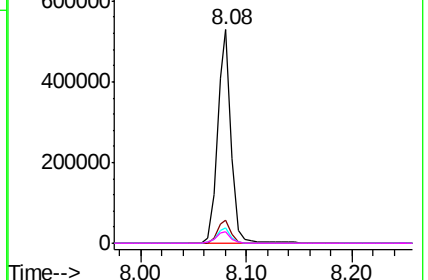
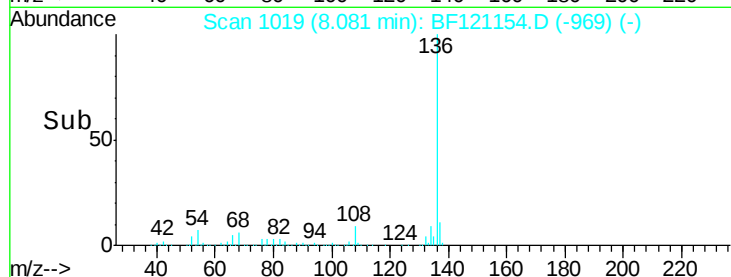


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.610 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF121154.D

Acq: 31 Jul 2020 13:22

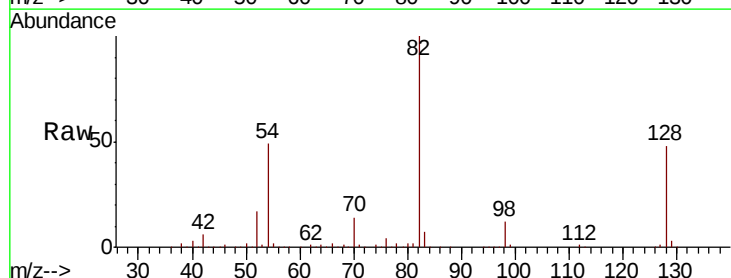
Tgt Ion: 82 Resp: 577156

Ion Ratio Lower Upper

82 100

128 47.6 39.2 58.8

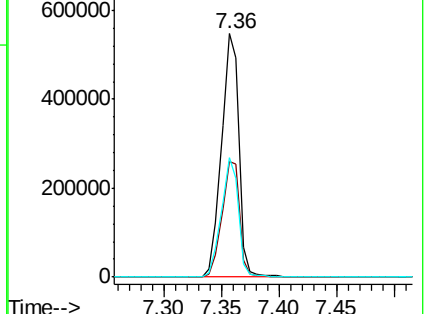
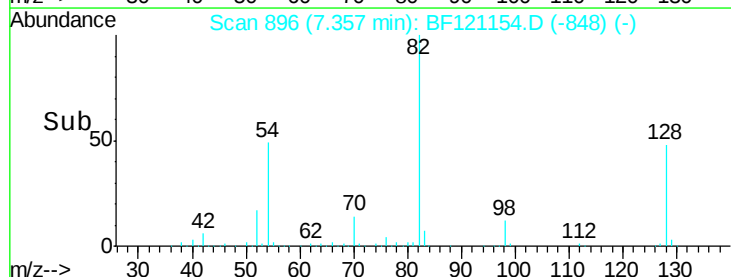
54 49.2 37.8 56.8



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: 34.059 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.28 min

Lab File: BF121154.D

Acq: 31 Jul 2020 13:22

Instrument :

BNA_F

ClientSampleId :

TP-7

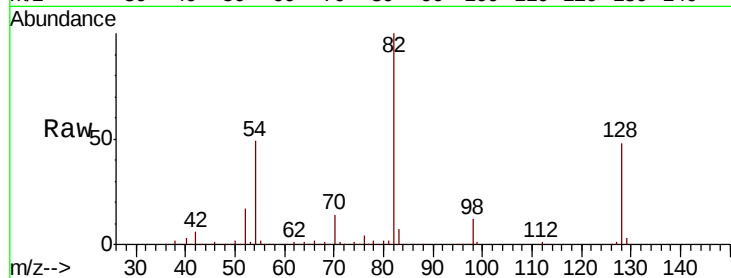
Tot Ion: 82 Resp: 563591

Ion Ratio Lower Upper

82 100

95 0.1 5.5 8.3#

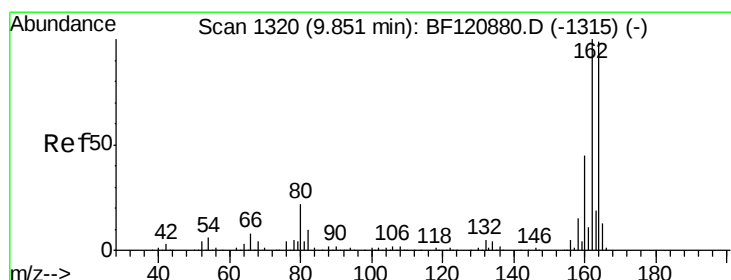
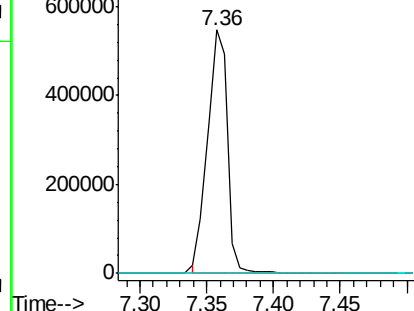
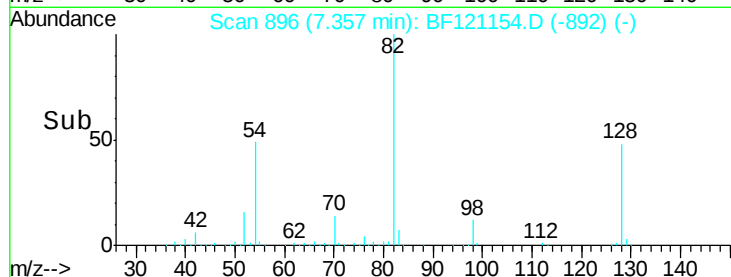
138 0.0 16.2 24.2#



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: BF121154.D

Acq: 31 Jul 2020 13:22

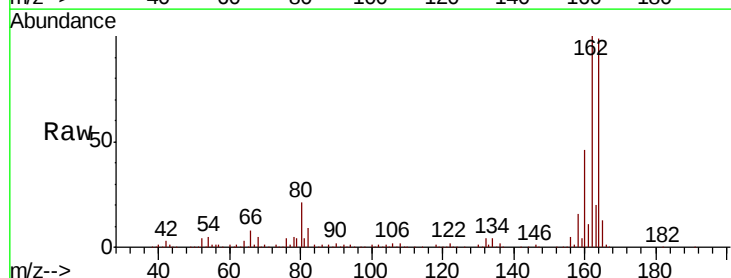
Tgt Ion: 164 Resp: 247789

Ion Ratio Lower Upper

164 100

162 100.5 82.2 123.2

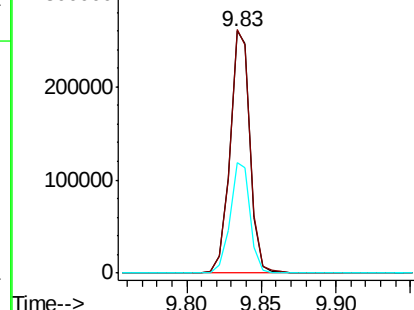
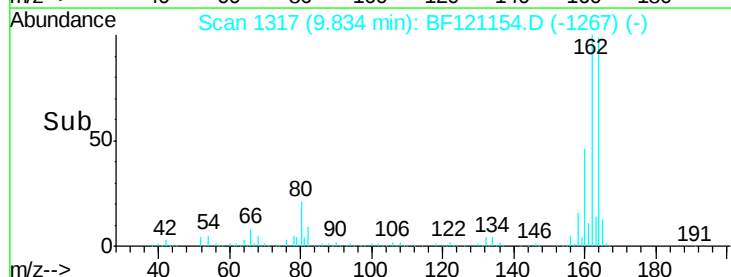
160 45.8 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

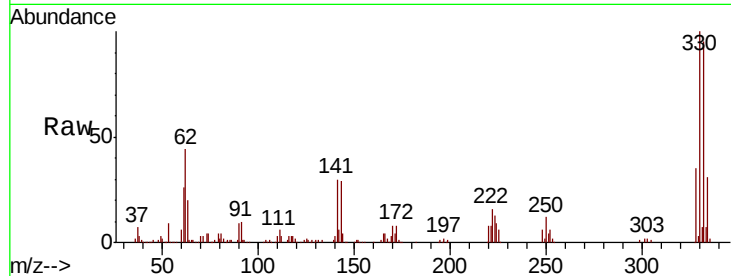




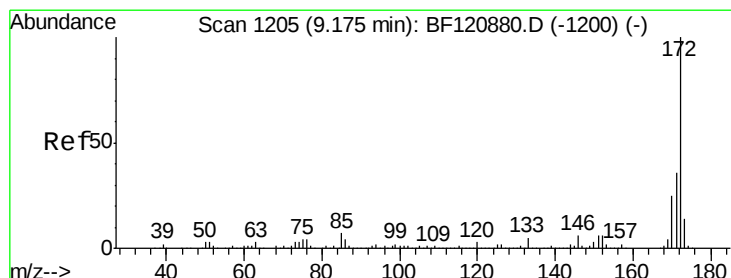
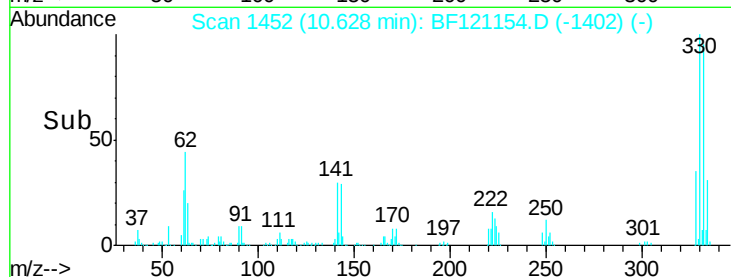
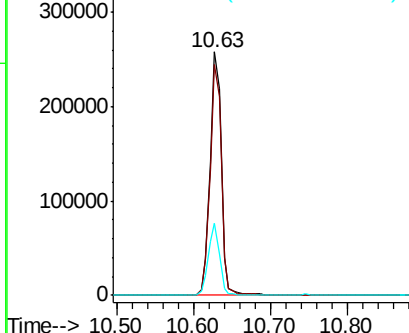
#42
 2,4,6-Tribromophenol
 Concen: 95.411 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121154.D
 Acq: 31 Jul 2020 13:22

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Tot Ion:330 Resp: 258782
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.1 114.1
 141 29.7 24.1 36.1

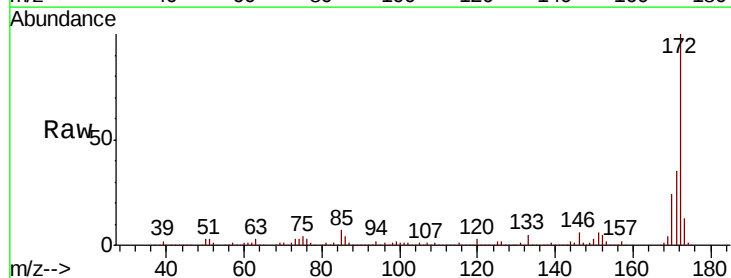


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

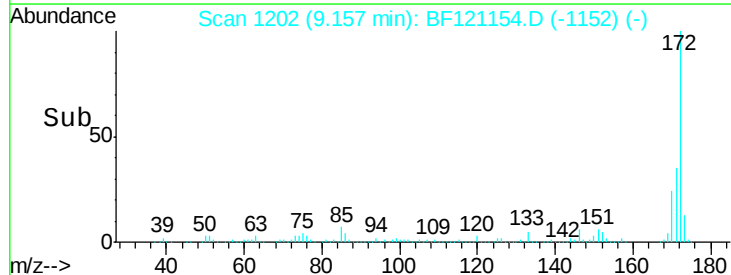
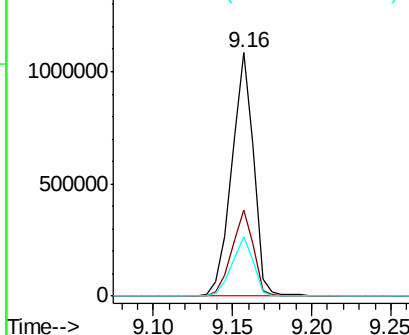


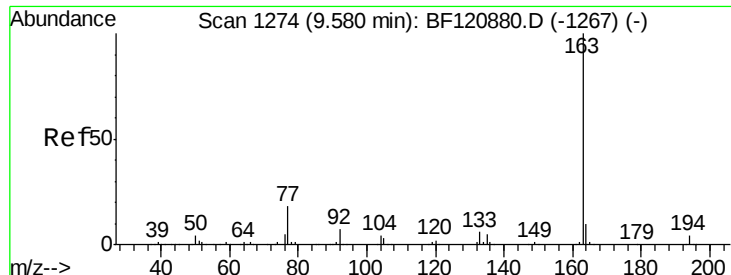
#45
 2-Fluorobiphenyl
 Concen: 62.660 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121154.D
 Acq: 31 Jul 2020 13:22

Tgt Ion:172 Resp: 1039915
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.0 43.4
 170 24.2 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

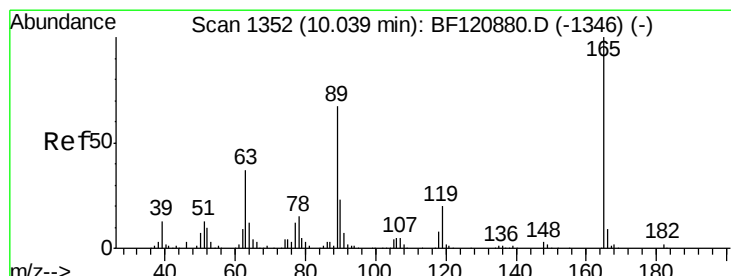
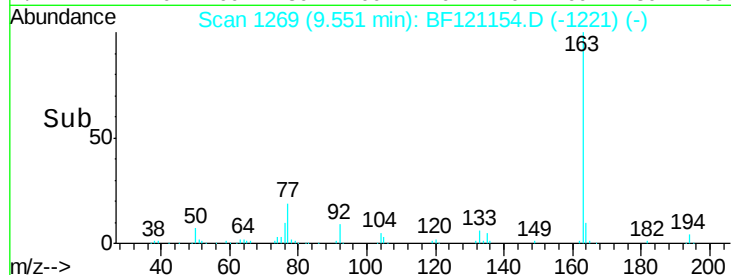
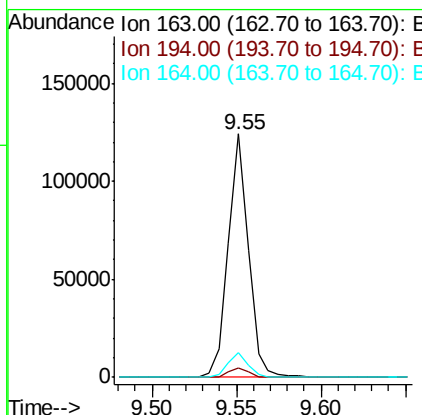
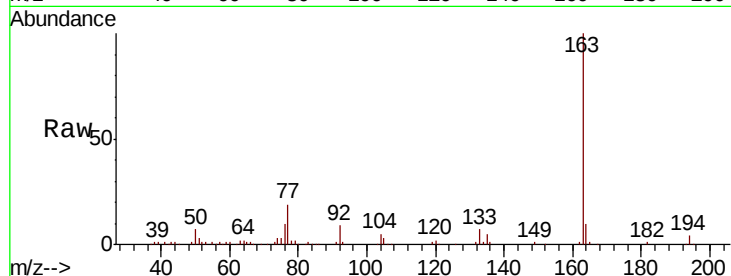




#50
Dimethylphthalate
Concen: 5.777 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF121154.D
Acq: 31 Jul 2020 13:22

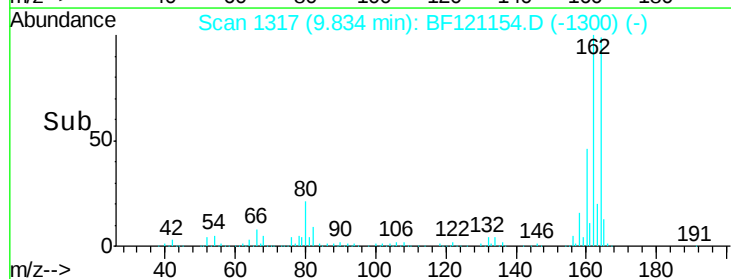
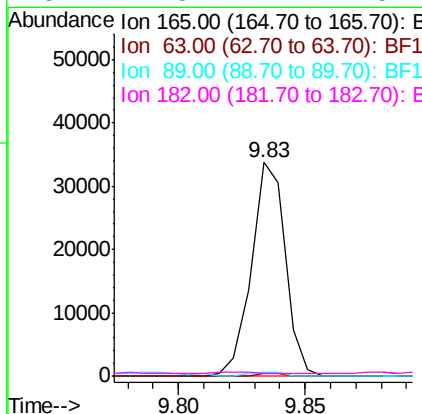
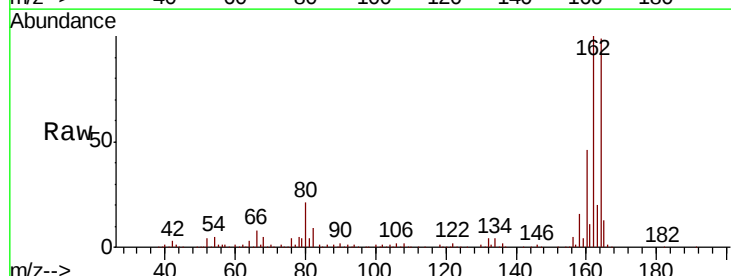
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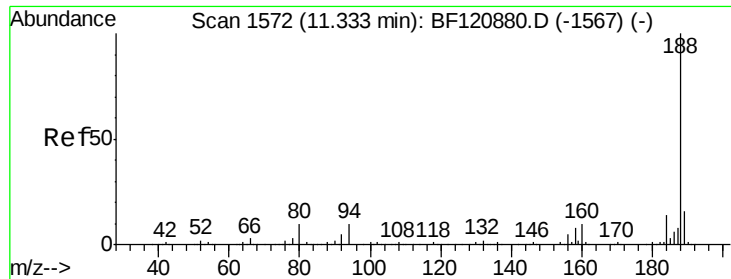
Tot Ion:163	Resp:	103267
Ion Ratio	Lower	Upper
163	100	
194	3.7	3.0 4.4
164	10.0	8.4 12.6



#57
2,4-Dinitrotoluene
Concen: 6.249 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.20 min
Lab File: BF121154.D
Acq: 31 Jul 2020 13:22

Tgt Ion:165	Resp:	31515
Ion Ratio	Lower	Upper
165	100	
63	1.2	29.8 44.8#
89	1.7	50.3 75.5#
182	1.3	2.1 3.1#

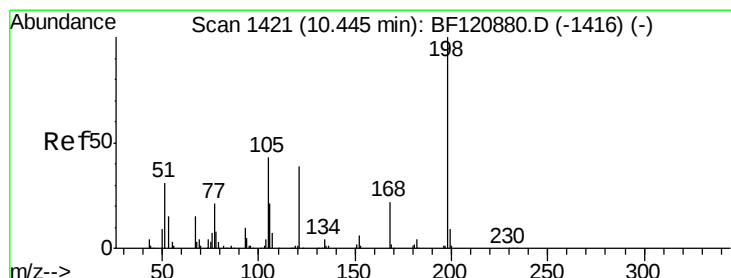
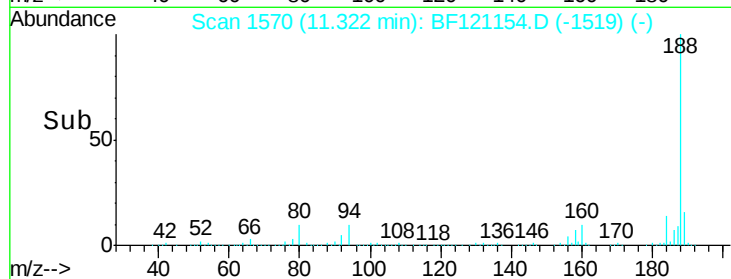
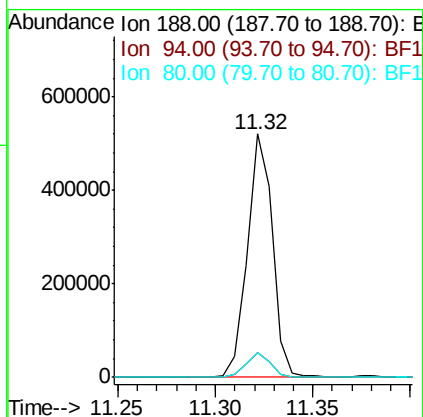
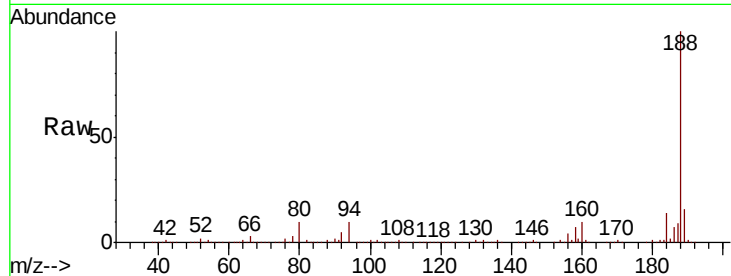




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF121154.D
Acq: 31 Jul 2020 13:22

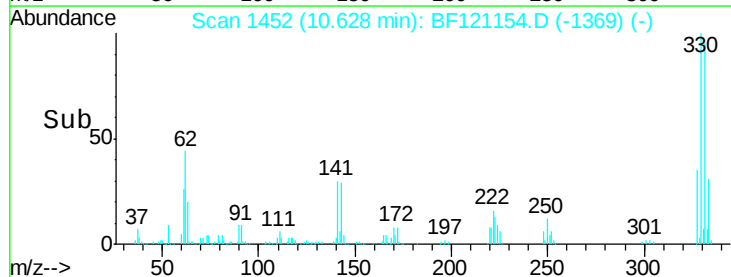
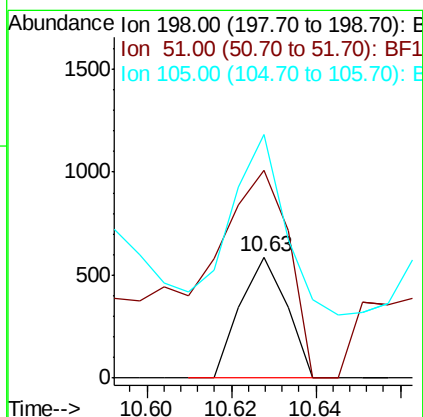
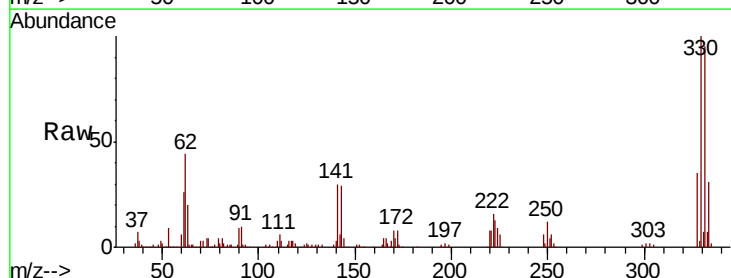
Instrument :
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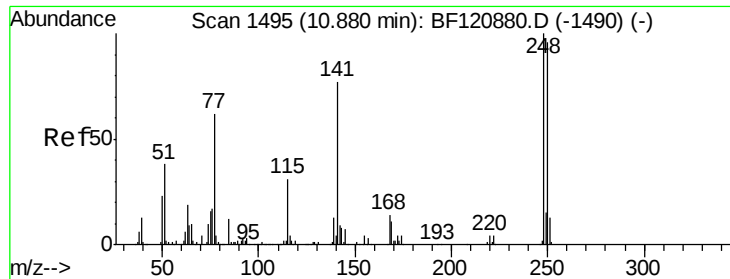
Tot Ion:188 Resp: 464471
Ion Ratio Lower Upper
188 100
94 10.1 8.0 12.0
80 10.2 8.3 12.5



#65
4,6-Dinitro-2-methylphenol
Concen: 3.997 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.19 min
Lab File: BF121154.D
Acq: 31 Jul 2020 13:22

Tgt Ion:198 Resp: 451
Ion Ratio Lower Upper
198 100
51 171.4 23.4 63.4#
105 201.4 23.7 63.7#

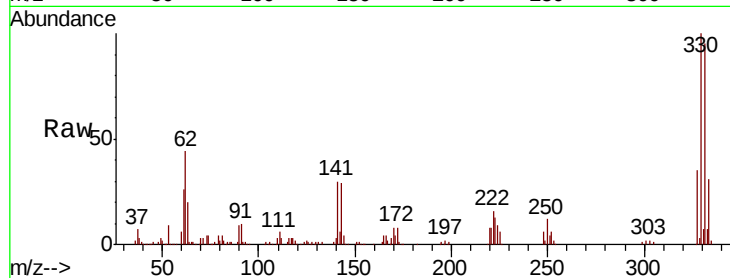




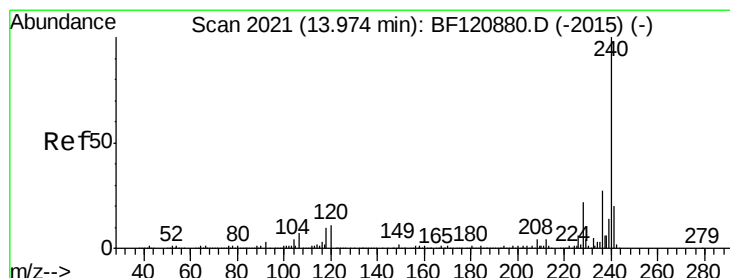
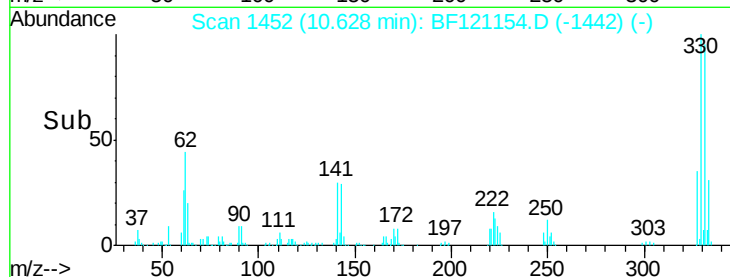
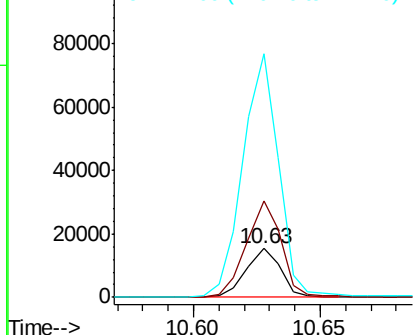
#67
4-Bromophenyl-phenylether
Concen: 2.825 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF121154.D
Acq: 31 Jul 2020 13:22

Instrument :
BNA_F
ClientSampled :
TP-7

Tot Ion:248 Resp: 14630
Ion Ratio Lower Upper
248 100
250 199.5 77.0 115.6#
141 502.6 56.6 85.0#

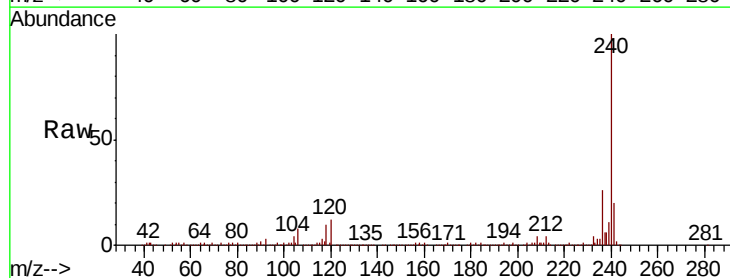


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

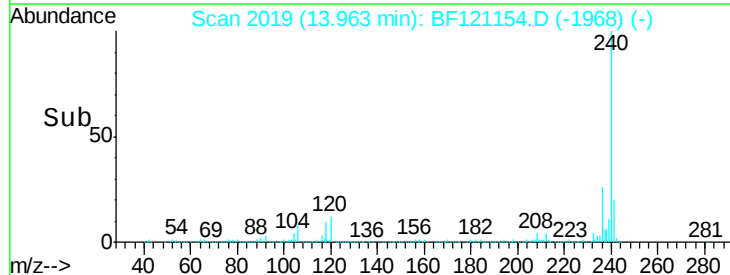
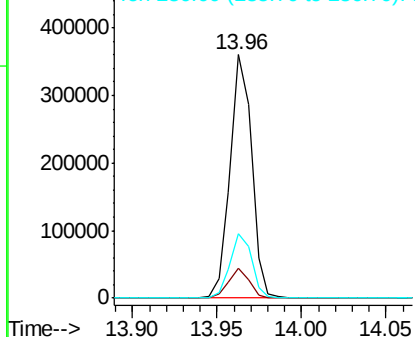


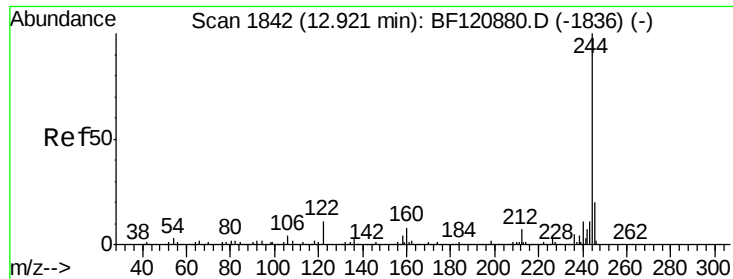
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF121154.D
Acq: 31 Jul 2020 13:22

Tgt Ion:240 Resp: 319283
Ion Ratio Lower Upper
240 100
120 12.1 9.3 13.9
236 26.2 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: 67.734 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.01 min

Lab File: BF121154.D

Acq: 31 Jul 2020 13:22

Instrument :

BNA_F

ClientSampleId :

TP-7

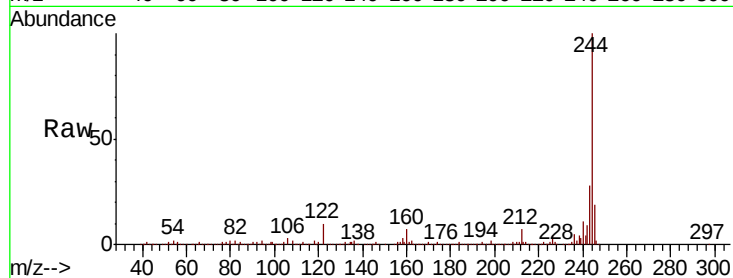
Tot Ion:244 Resp: 994865

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

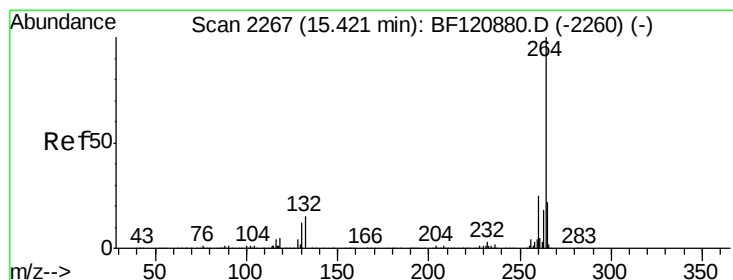
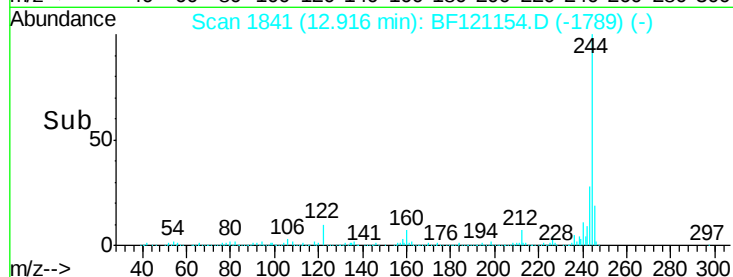
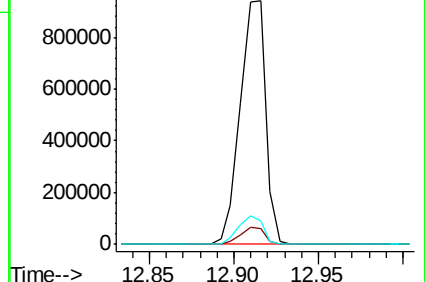
122 9.9 8.3 12.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. 0.01 min

Lab File: BF121154.D

Acq: 31 Jul 2020 13:22

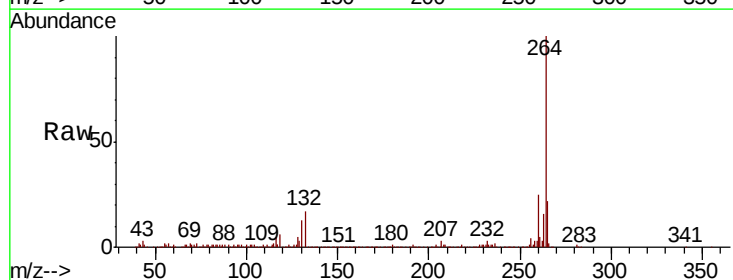
Tgt Ion:264 Resp: 285338

Ion Ratio Lower Upper

264 100

260 24.9 19.9 29.9

265 21.8 17.8 26.8



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

