

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
 Data File : BF120988.D
 Acq On : 23 Jul 2020 18:52
 Operator : JU/CG
 Sample : L3377-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 24 00:46:03 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

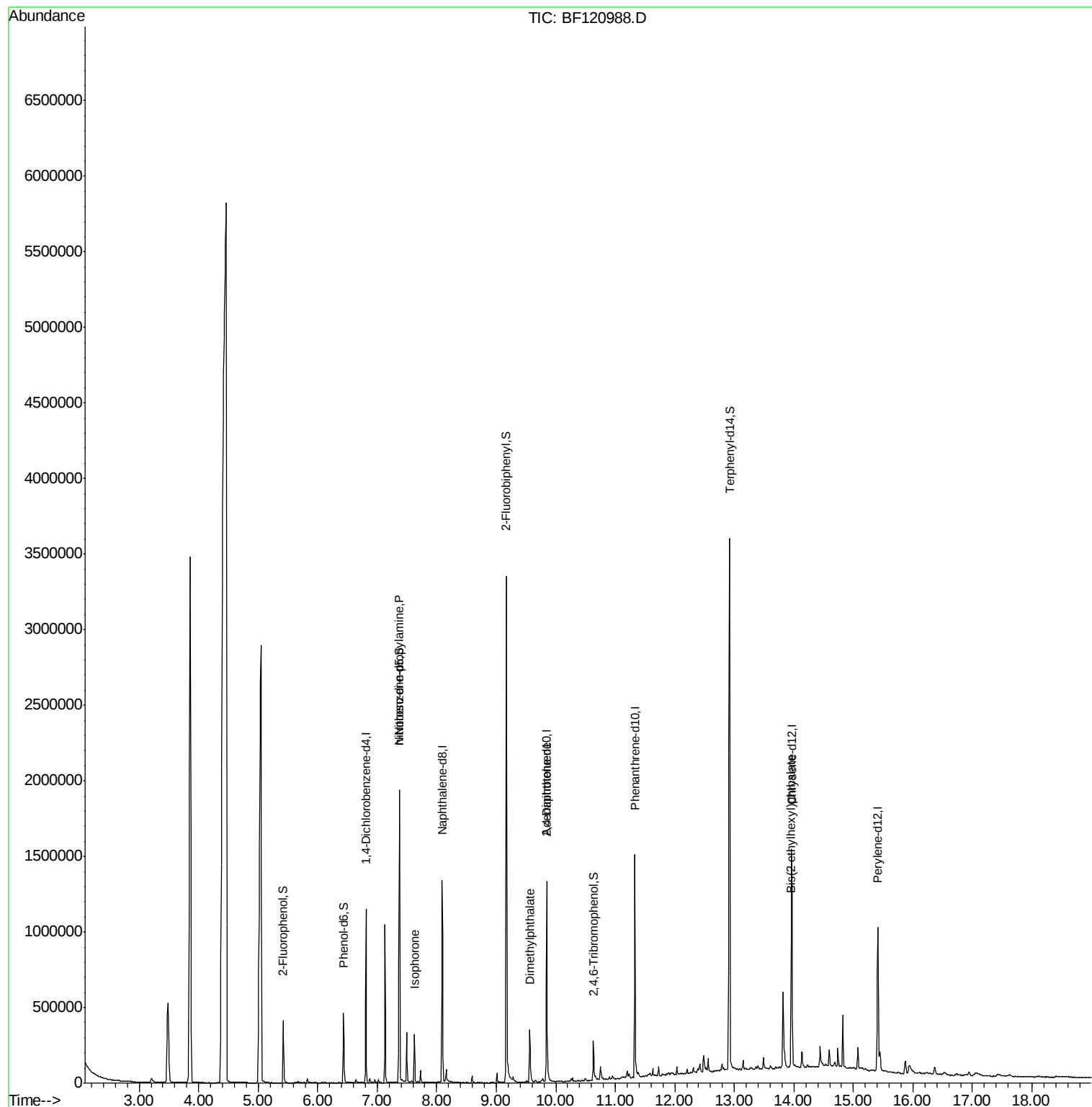
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	158175	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	588098	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	315911	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	604450	20.00	ng	0.00
76) Chrysene-d12	13.96	240	524587	20.00	ng	-0.01
86) Perylene-d12	15.41	264	483407	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	121588	12.60	ng	0.00
7) Phenol-d6	6.43	99	154696	12.41	ng	-0.01
23) Nitrobenzene-d5	7.37	82	625717	61.56	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	39864	11.53	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1284059	60.69	ng	0.00
79) Terphenyl-d14	12.92	244	1320126	54.70	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	107	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.37	70	82610	11.656	ng	# 78
25) Isophorone	7.63	82	117602	5.798	ng	97
50) Dimethylphthalate	9.56	163	175743	7.711	ng	100
57) 2,4-Dinitrotoluene	9.85	165	41145	6.399	ng	# 27
84) Bis(2-ethylhexyl)phthalate	13.95	149	64939	3.185	ng	100

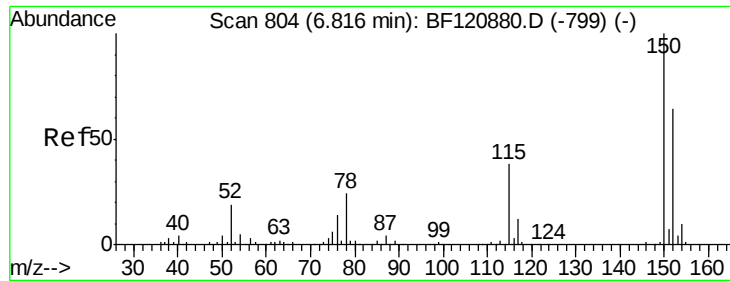
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF120988.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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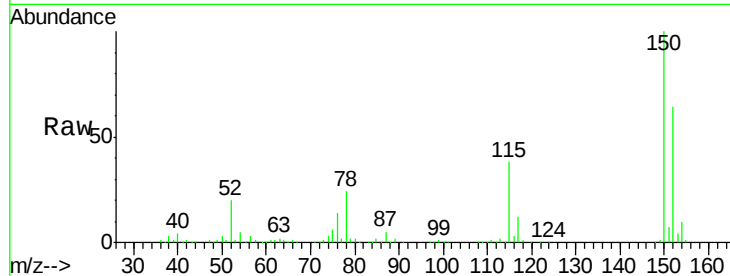


#1

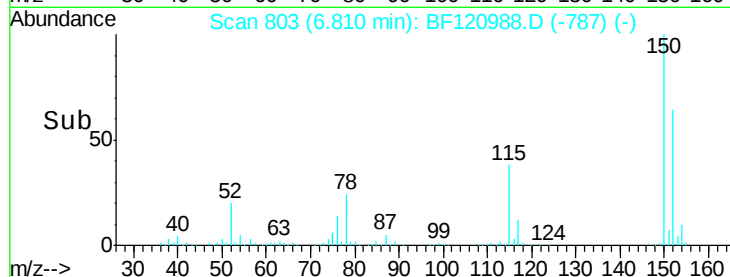
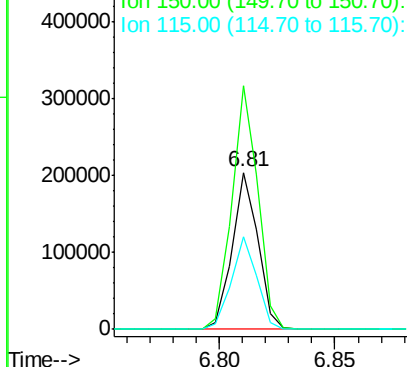
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF120988.D
Acq: 23 Jul 2020 18:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 158175
Ion Ratio Lower Upper
152 100
150 155.3 125.0 187.6
115 59.0 47.0 70.4



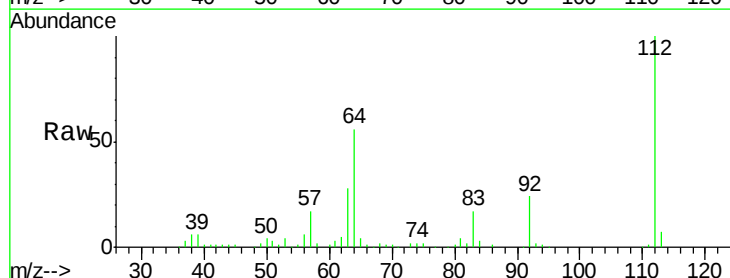
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



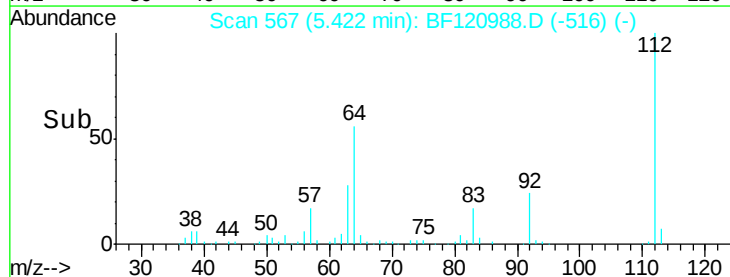
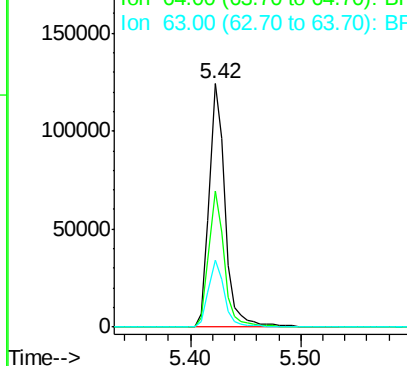
#5

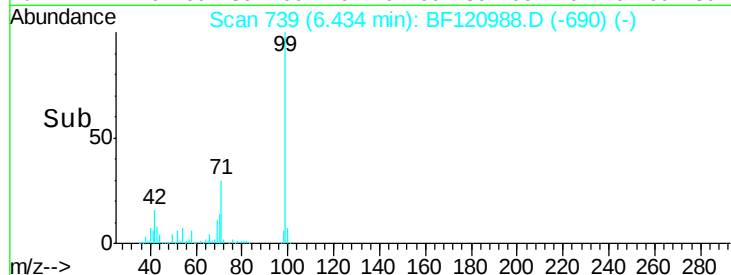
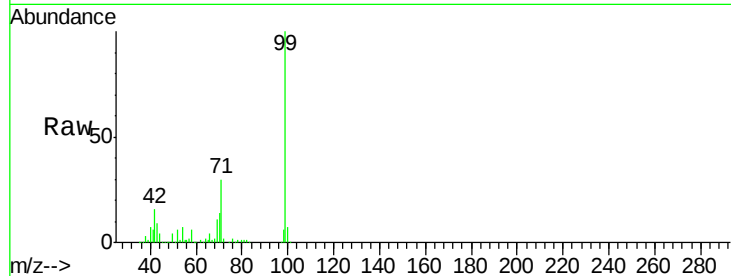
2-Fluorophenol
Concen: 12.602 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF120988.D
Acq: 23 Jul 2020 18:52

Tgt Ion:112 Resp: 121588
Ion Ratio Lower Upper
112 100
64 55.9 41.3 61.9
63 27.7 21.1 31.7



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: 12.412 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120988.D

Acq: 23 Jul 2020 18:52

Instrument :

BNA_F

ClientSampleId :

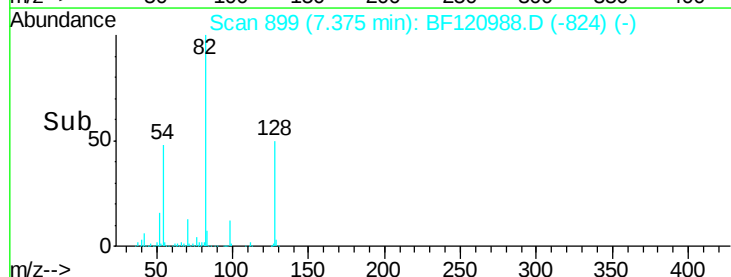
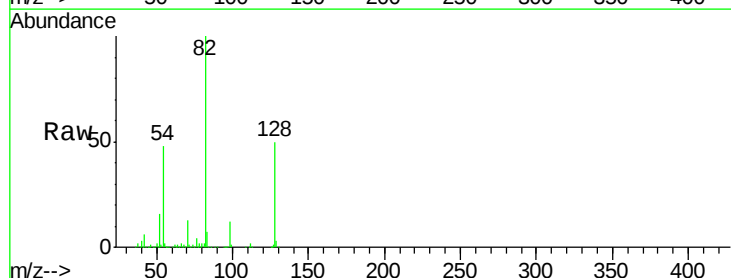
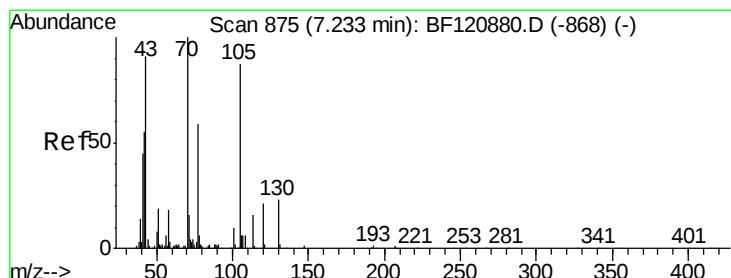
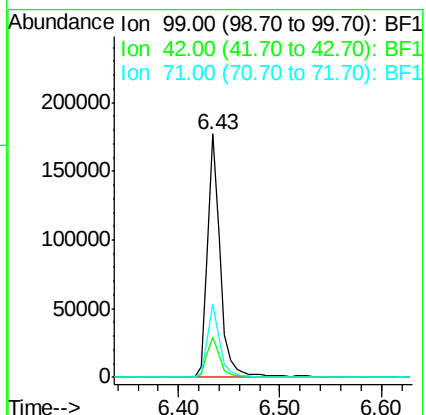
Tot Ion: 99 Resp: 154696

Ion Ratio Lower Upper

99 100

42 16.3 13.1 19.7

71 30.1 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 11.656 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120988.D

Acq: 23 Jul 2020 18:52

Tgt Ion: 70 Resp: 82610

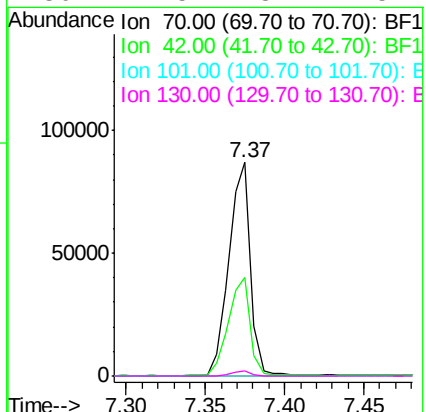
Ion Ratio Lower Upper

70 100

42 46.1 44.0 66.0

101 0.0 7.8 11.6#

130 2.5 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: BF120988.D

Acq: 23 Jul 2020 18:52

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 588098

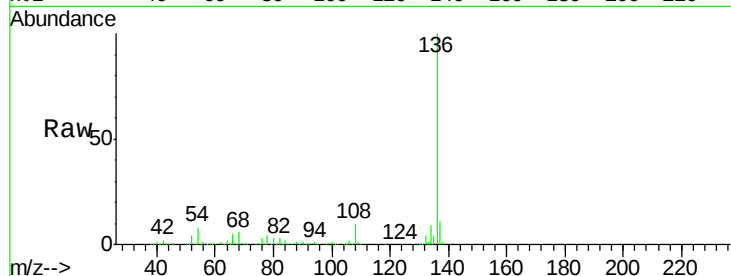
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 7.7 6.3 9.5

68 6.0 5.0 7.4

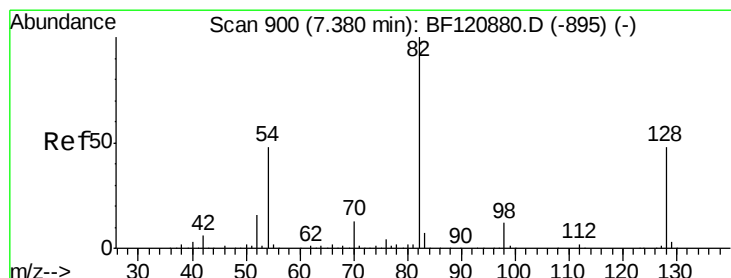
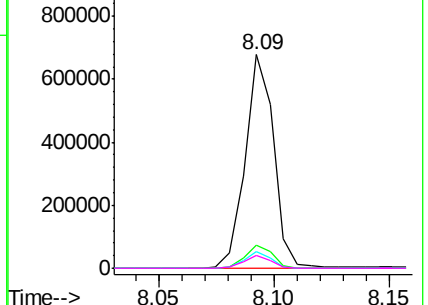
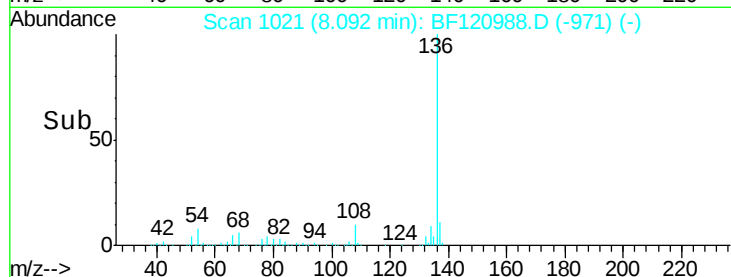


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 61.564 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF120988.D

Acq: 23 Jul 2020 18:52

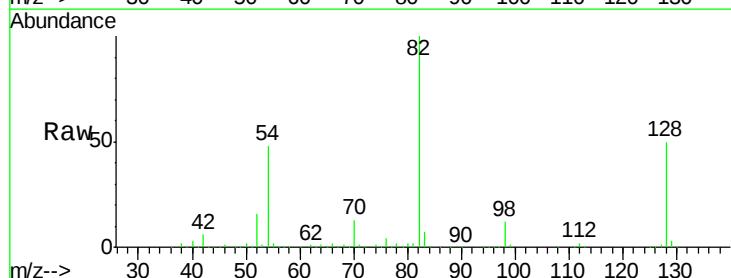
Tgt Ion: 82 Resp: 625717

Ion Ratio Lower Upper

82 100

128 49.6 38.2 57.4

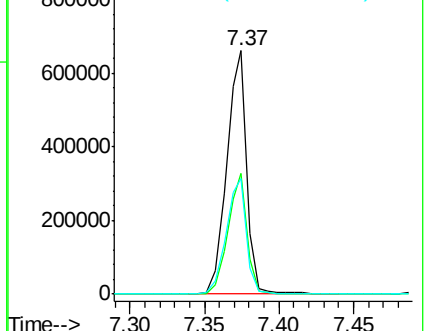
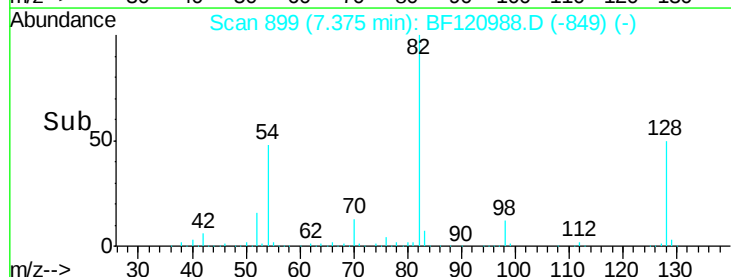
54 47.7 38.7 58.1

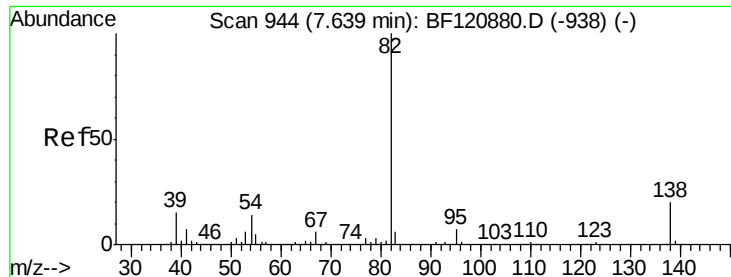


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 5.798 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF120988.D

Acq: 23 Jul 2020 18:52

Instrument :

BNA_F

ClientSampleId :

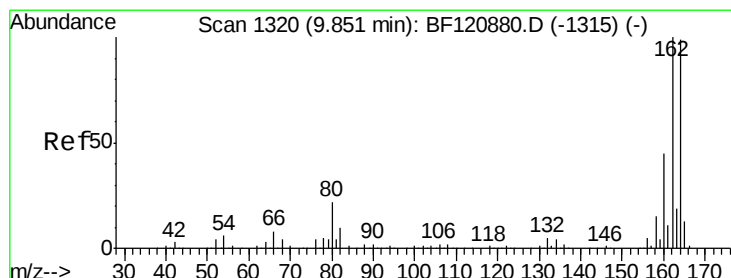
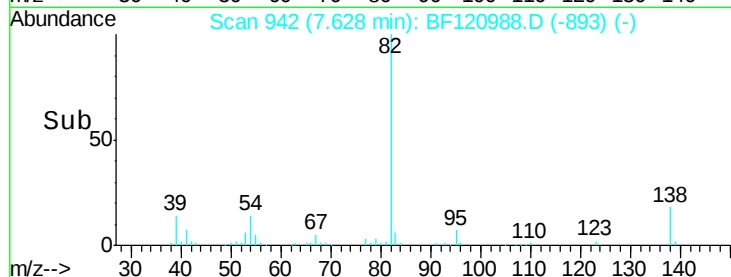
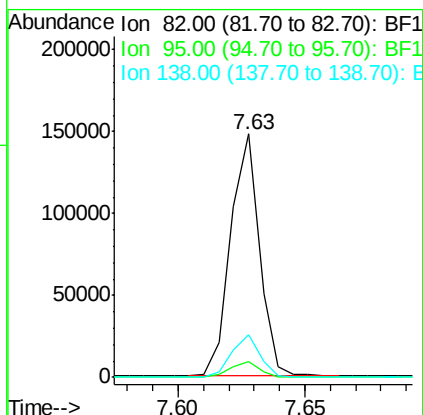
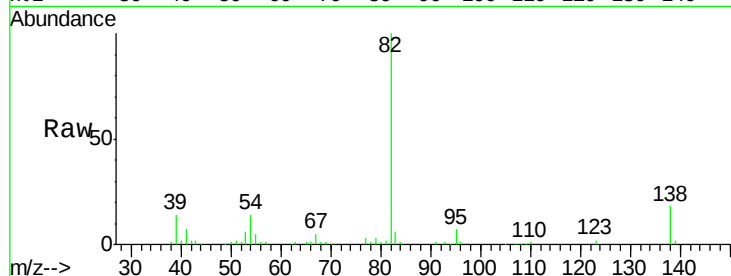
Tot Ion: 82 Resp: 117602

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

138 17.7 15.6 23.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF120988.D

Acq: 23 Jul 2020 18:52

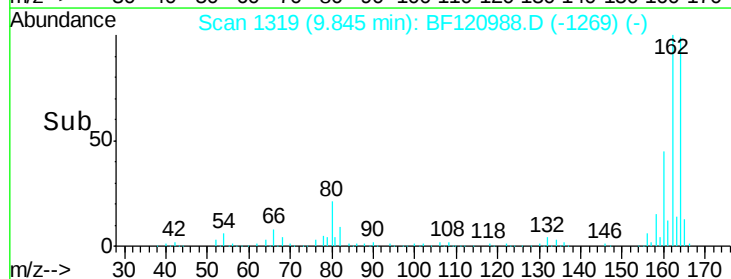
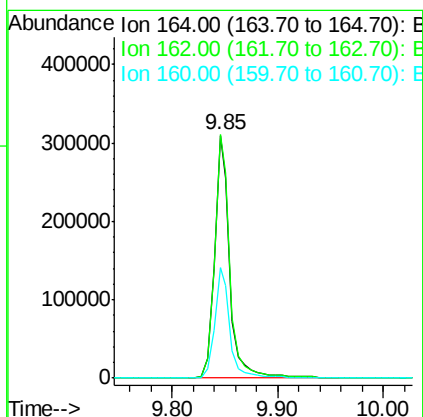
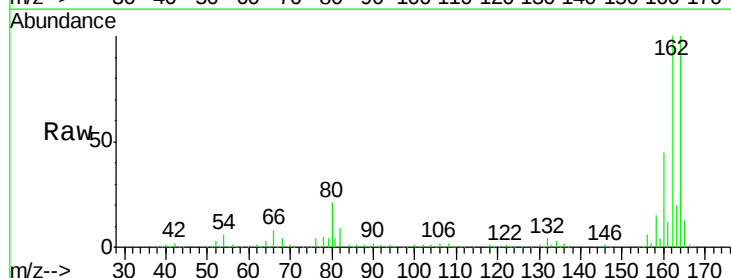
Tgt Ion: 164 Resp: 315911

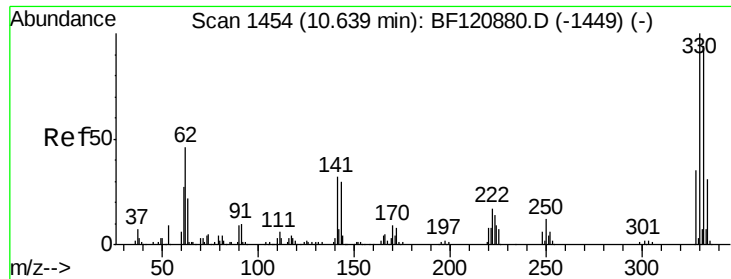
Ion Ratio Lower Upper

164 100

162 100.3 81.2 121.8

160 45.3 36.9 55.3





#42

2,4,6-Tribromophenol

Concen: 11.528 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF120988.D

Acq: 23 Jul 2020 18:52

Instrument :

BNA_F

ClientSampled :

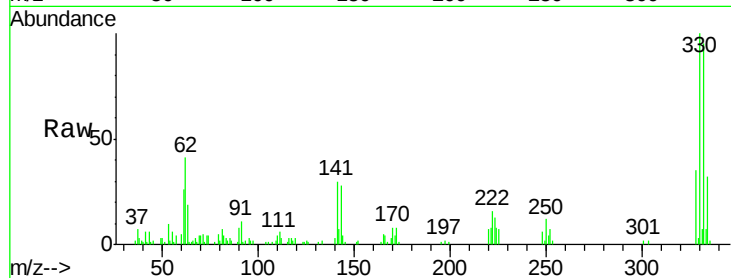
Tot Ion:330 Resp: 39864

Ion Ratio Lower Upper

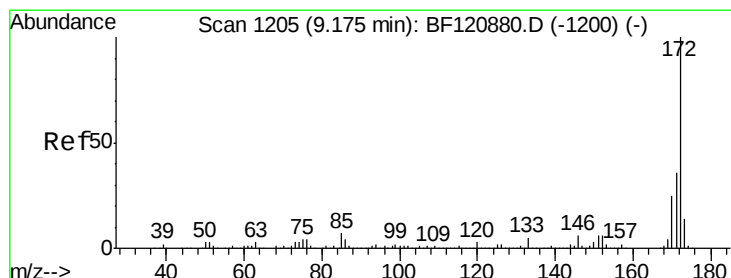
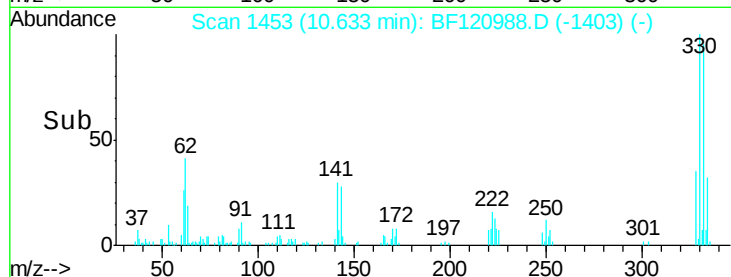
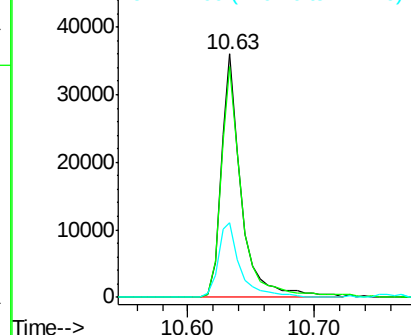
330 100

332 98.0 75.5 113.3

141 33.7 25.7 38.5



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: 60.687 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF120988.D

Acq: 23 Jul 2020 18:52

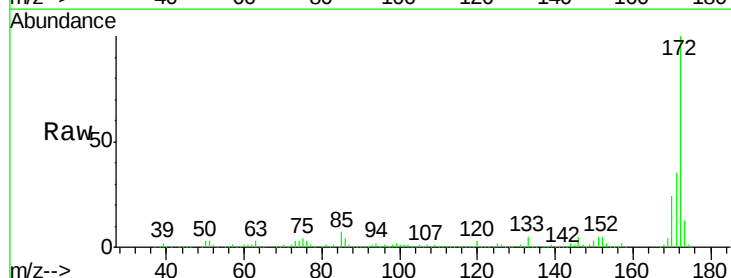
Tgt Ion:172 Resp: 1284059

Ion Ratio Lower Upper

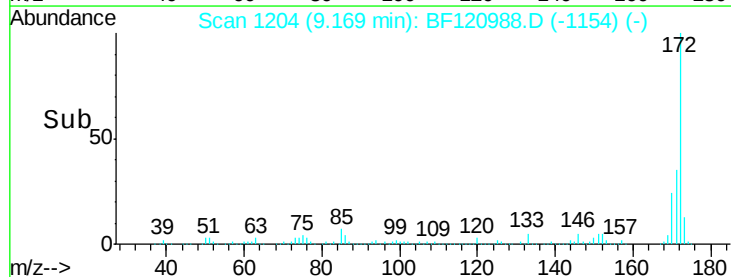
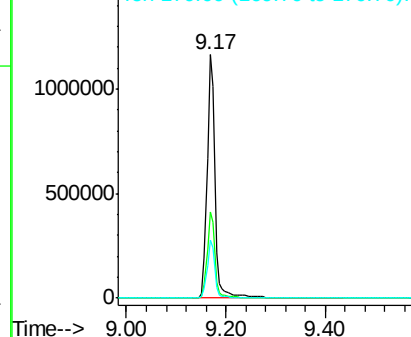
172 100

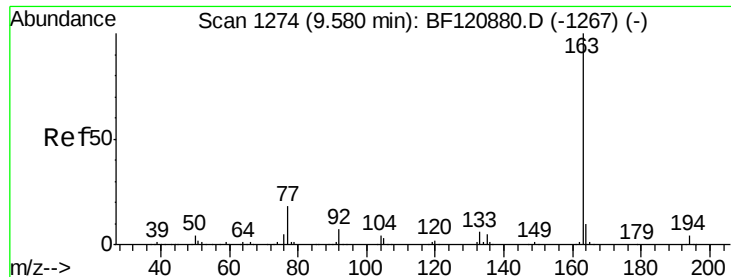
171 35.3 29.0 43.4

170 24.0 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

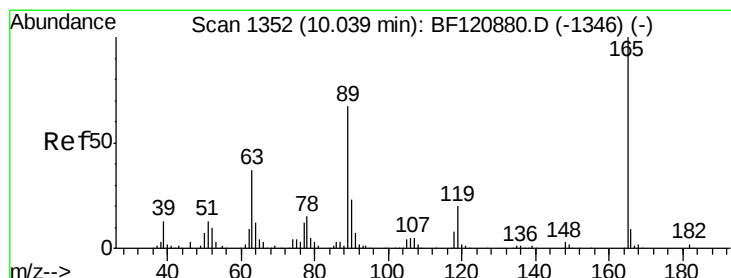
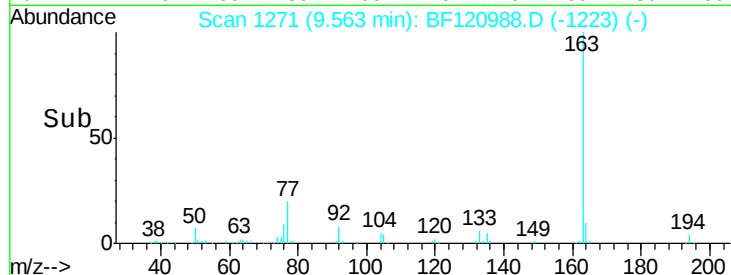
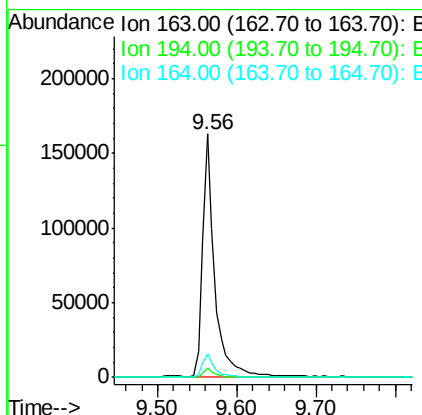
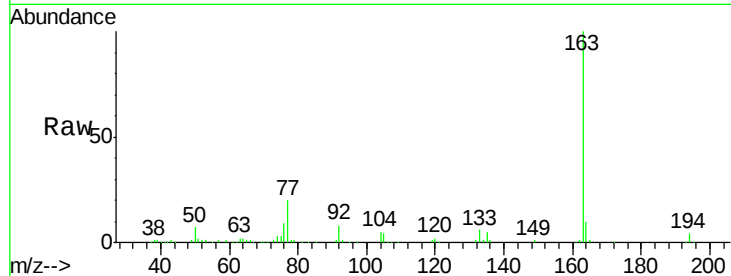




#50
Dimethylphthalate
Concen: 7.711 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF120988.D
Acq: 23 Jul 2020 18:52

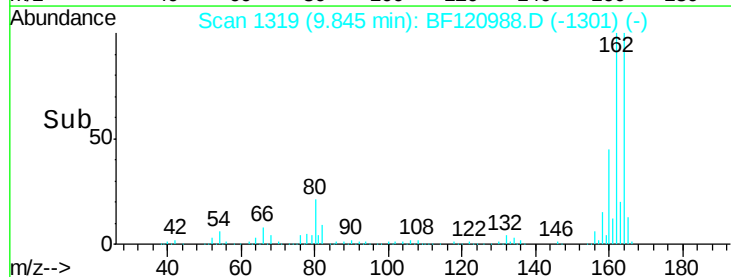
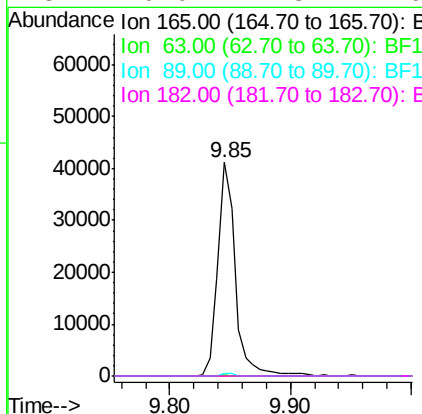
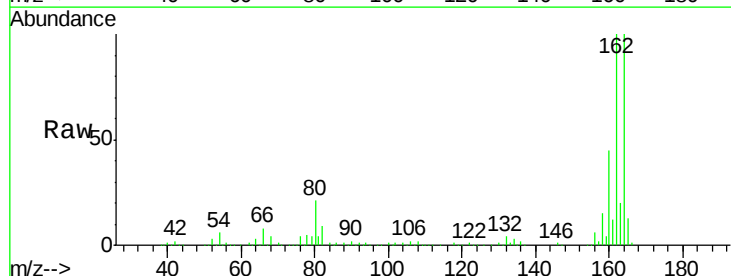
Instrument :
BNA_F
ClientSampleId :

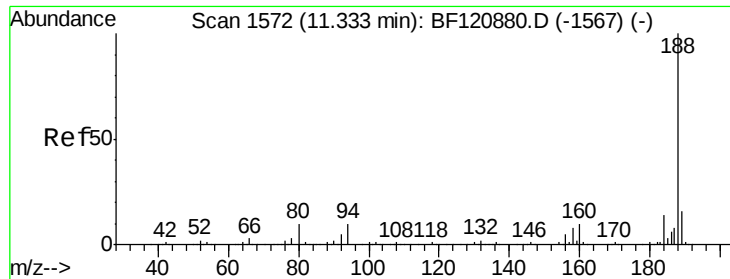
Tot Ion:163 Resp: 175743
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.8 7.9 11.9



#57
2,4-Dinitrotoluene
Concen: 6.399 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.19 min
Lab File: BF120988.D
Acq: 23 Jul 2020 18:52

Tgt Ion:165 Resp: 41145
Ion Ratio Lower Upper
165 100
63 0.9 29.4 44.2#
89 1.4 53.4 80.0#
182 0.0 1.8 2.6#

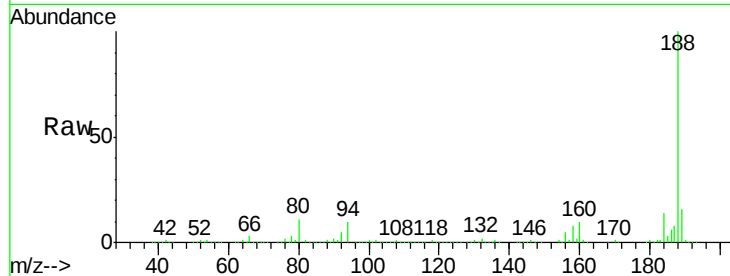




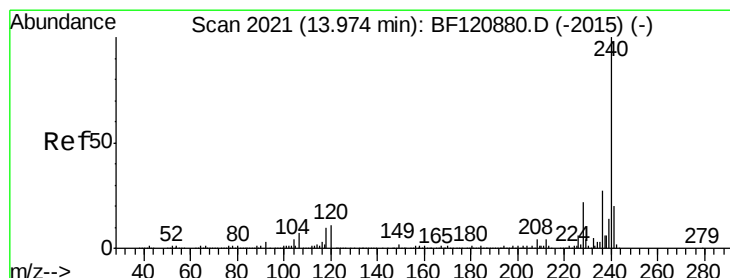
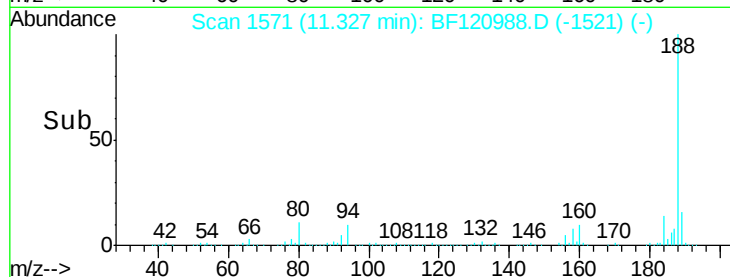
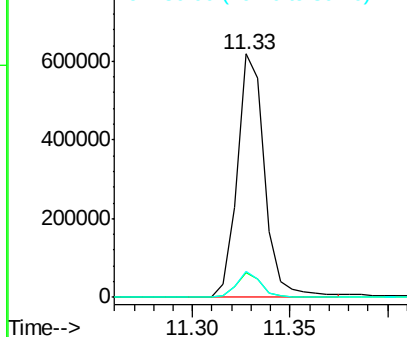
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF120988.D
Acq: 23 Jul 2020 18:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 604450
Ion Ratio Lower Upper
188 100
94 10.3 8.0 12.0
80 10.5 8.3 12.5

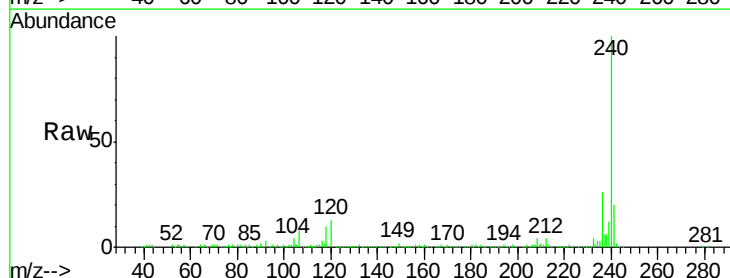


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

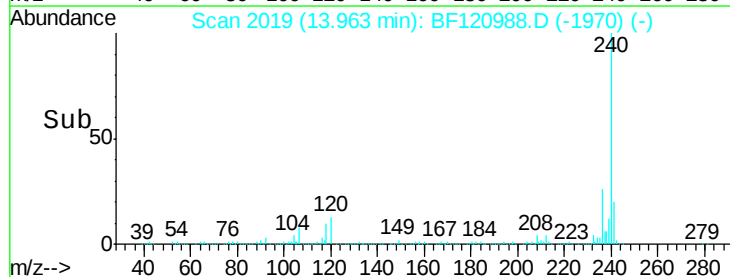
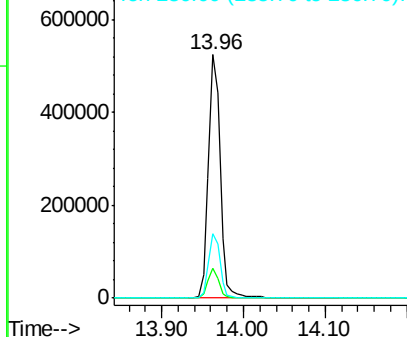


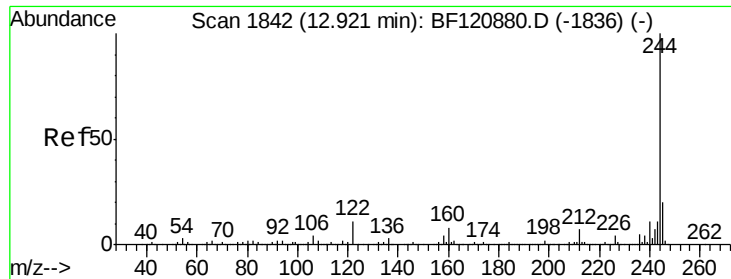
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF120988.D
Acq: 23 Jul 2020 18:52

Tgt Ion:240 Resp: 524587
Ion Ratio Lower Upper
240 100
120 12.5 9.0 13.4
236 26.3 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

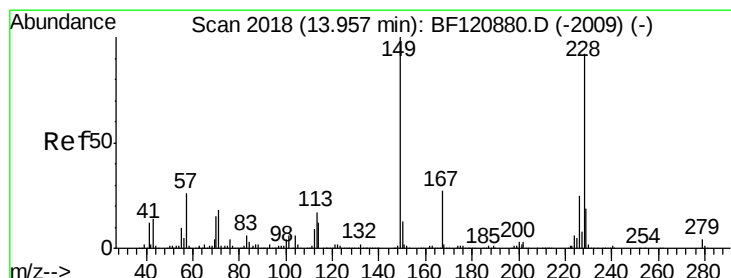
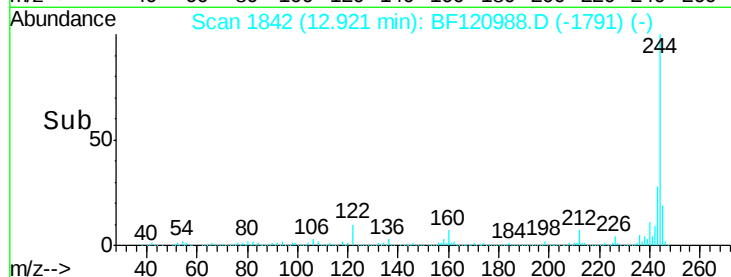
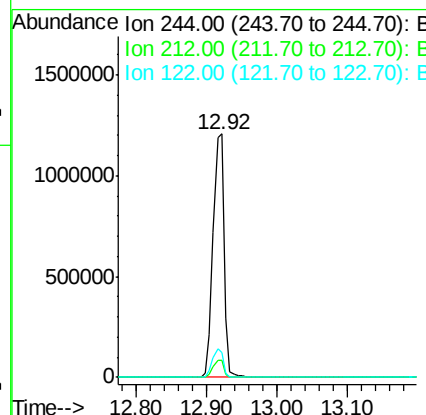
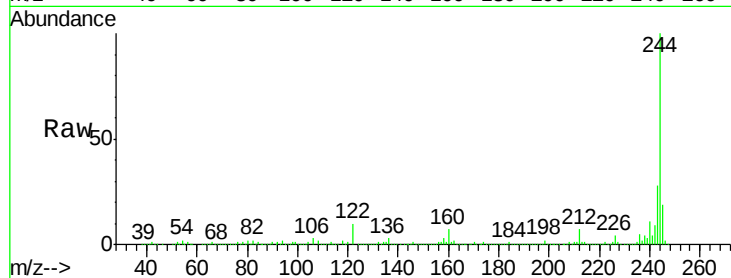




#79
 Terphenyl-d14
 Concen: 54.703 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF120988.D
 Acq: 23 Jul 2020 18:52

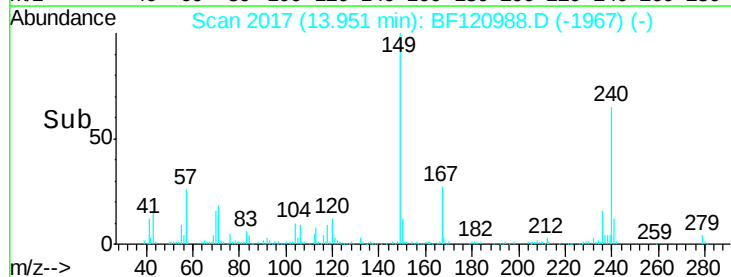
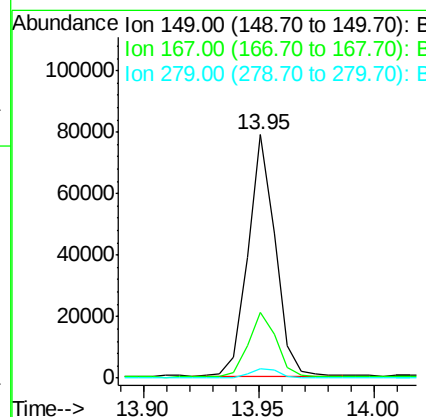
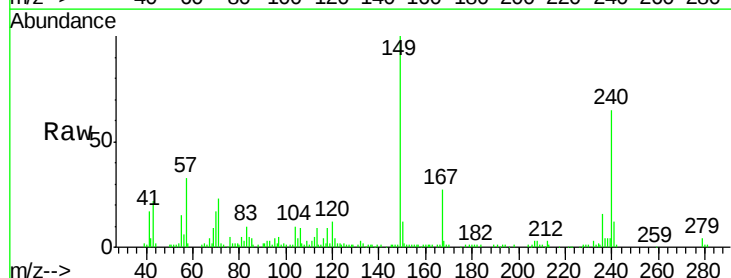
Instrument :
 BNA_F
 ClientSampleId :

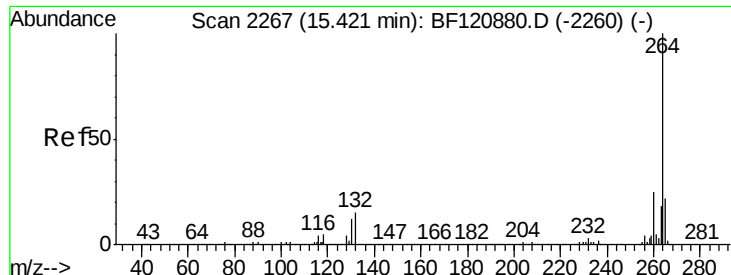
Tot Ion:244 Resp: 1320126
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.2 8.9 13.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.185 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF120988.D
 Acq: 23 Jul 2020 18:52

Tgt Ion:149 Resp: 64939
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.9 32.9
 279 3.8 3.0 4.4

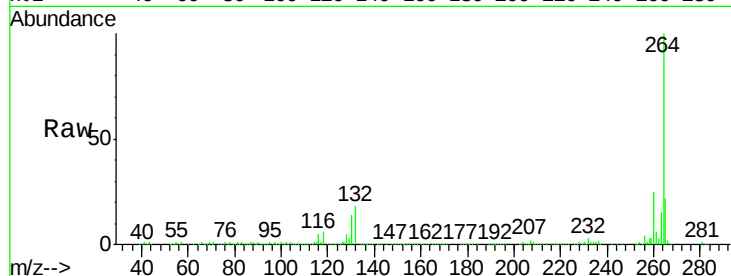




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BF120988.D
 Acq: 23 Jul 2020 18:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.0	30.0
265	22.4	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

