

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080720\
 Data File : BF121228.D
 Acq On : 7 Aug 2020 13:31
 Operator : JU/CG
 Sample : L3576-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-017RX

Quant Time: Aug 07 14:39:23 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

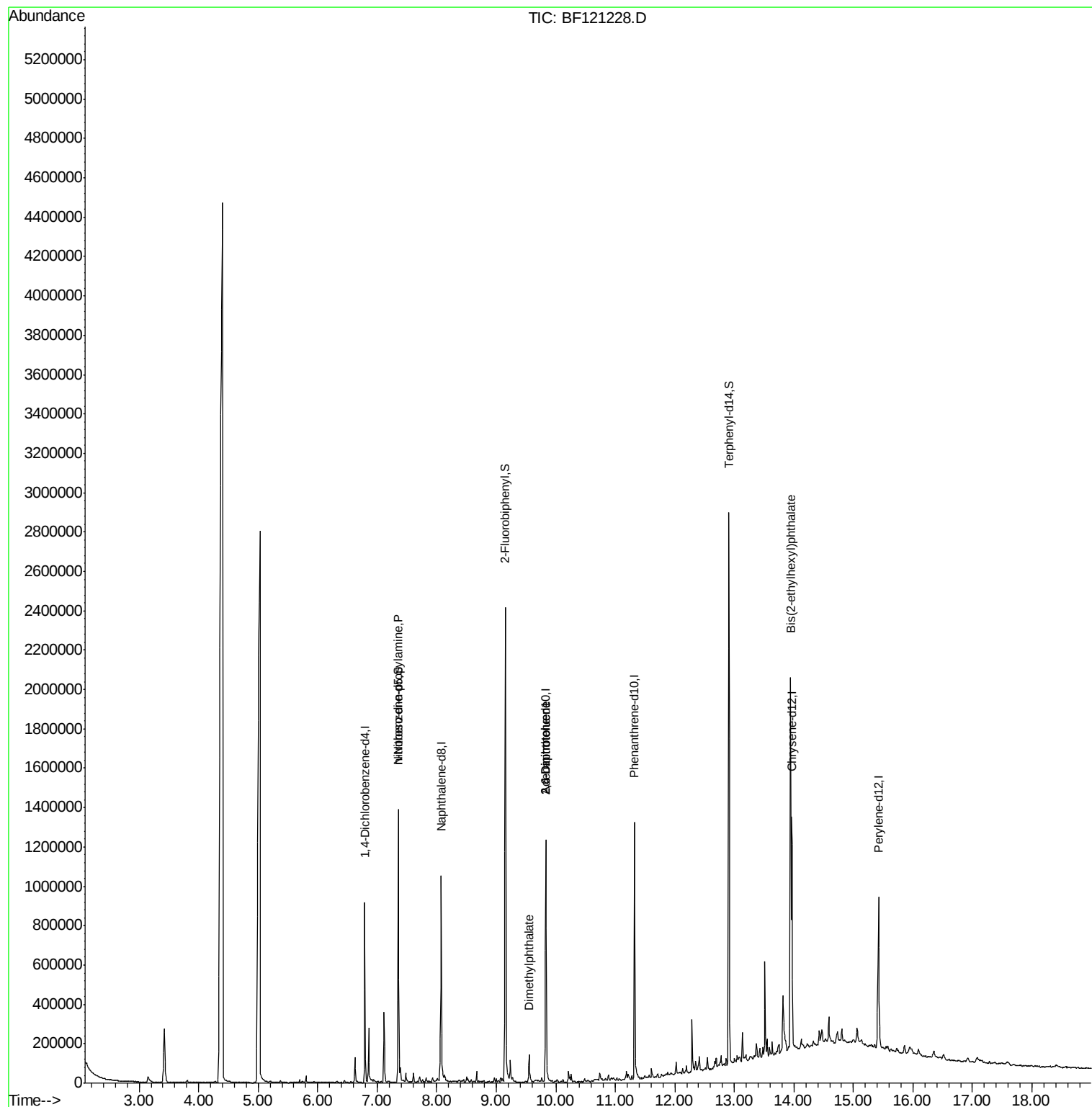
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	134175	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	527077	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	271711	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	541212	20.00	ng	0.00
76) Chrysene-d12	13.96	240	456959	20.00	ng	0.00
86) Perylene-d12	15.42	264	390724	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.45	99	6383	0.60	ng	0.00
23) Nitrobenzene-d5	7.36	82	455825	50.04	ng	-0.02
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.15	172	904263	49.69	ng	-0.01
79) Terphenyl-d14	12.91	244	955625	45.46	ng	0.00
Target Compounds						
9) Benzaldehyde	6.35	77	312	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.36	70	60580	10.077	ng	# 79
50) Dimethylphthalate	9.55	163	72739	3.711	ng	# 99
51) 2,6-Dinitrotoluene	9.83	165	34102	8.098	ng	# 27
57) 2,4-Dinitrotoluene	9.83	165	34103	6.166	ng	# 29
84) Bis(2-ethylhexyl)phthalate	13.94	149	597028	33.618	ng	# 99

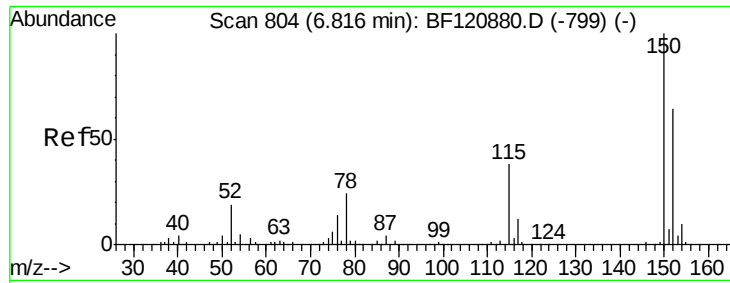
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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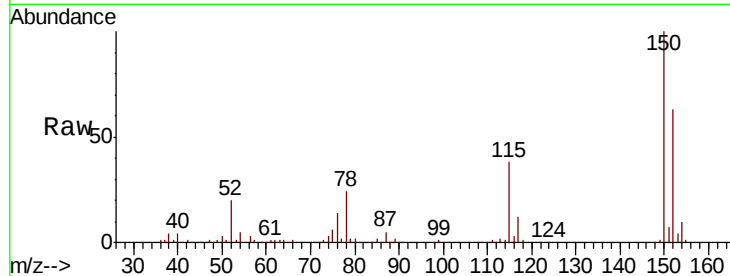


#1

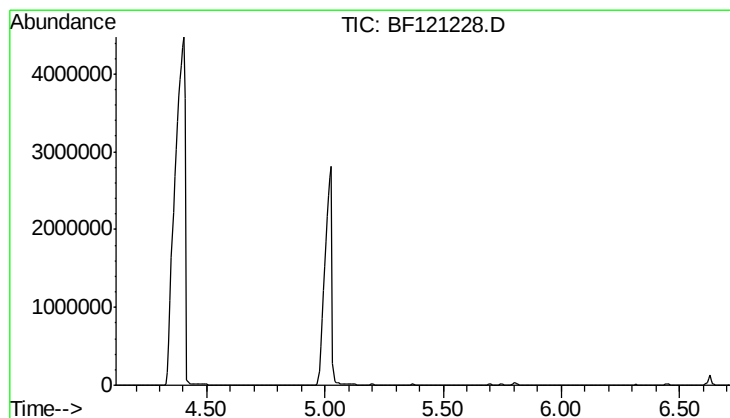
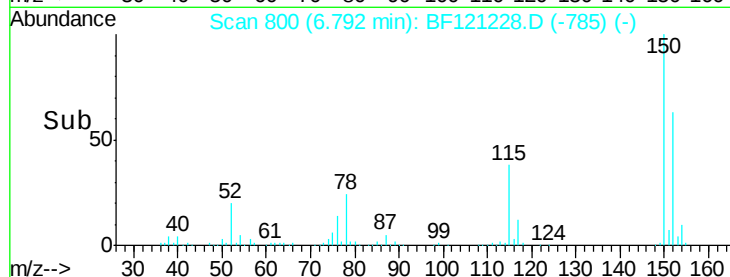
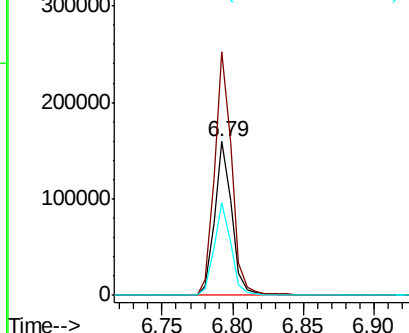
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121228.D
Acq: 7 Aug 2020 13:31

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-017RX

Tot Ion:152 Resp: 134175
Ion Ratio Lower Upper
152 100
150 158.1 125.6 188.4
115 60.0 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

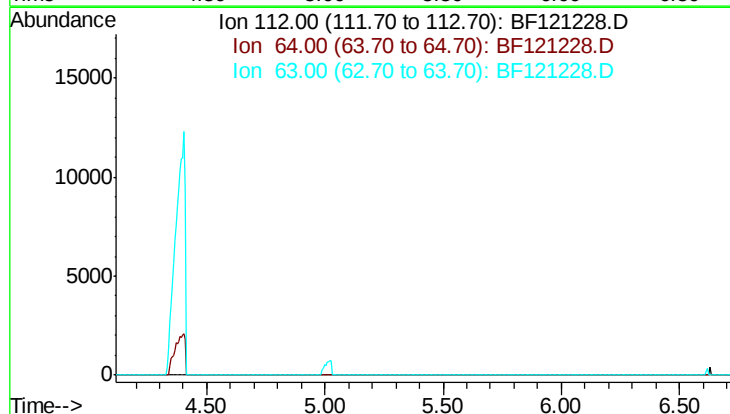


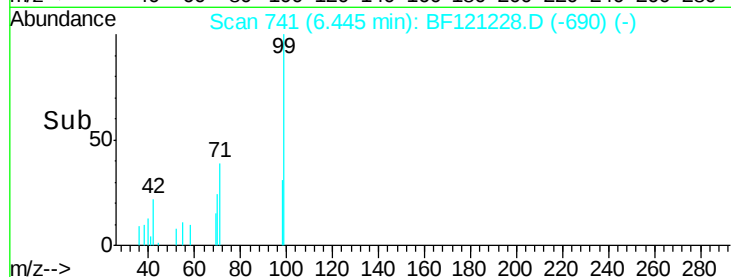
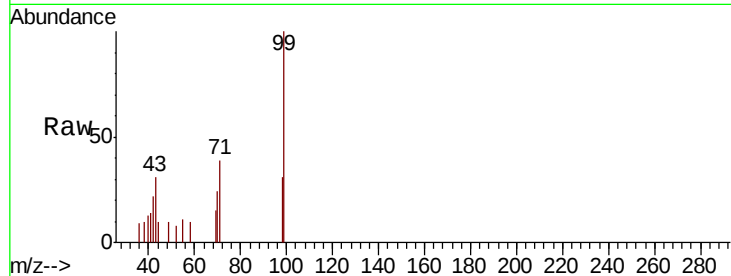
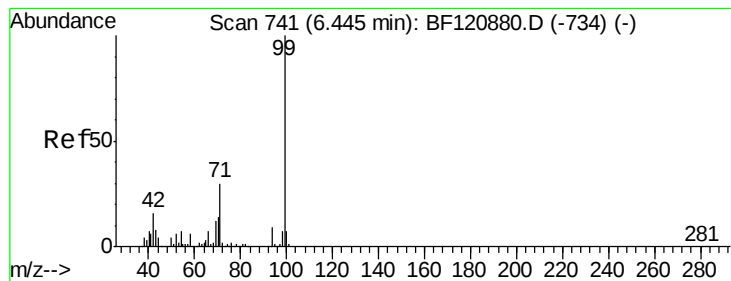
#5

2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.42 min

Lab File: BF121228.D
Acq: 7 Aug 2020 13:31

Tgt Ion: 112
Sig Exp Ratio
112 100
64 54.9
63 28.4





#7

Phenol-d6

Concen: 0.604 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF121228.D

Acq: 7 Aug 2020 13:31

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-017RX

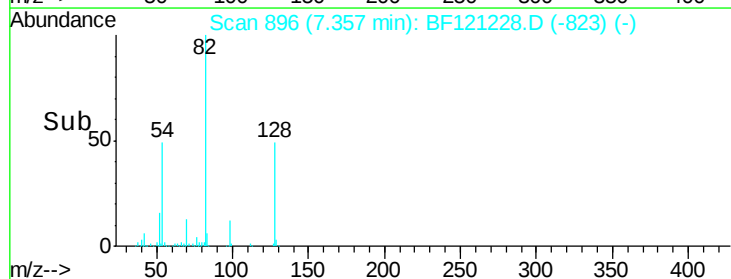
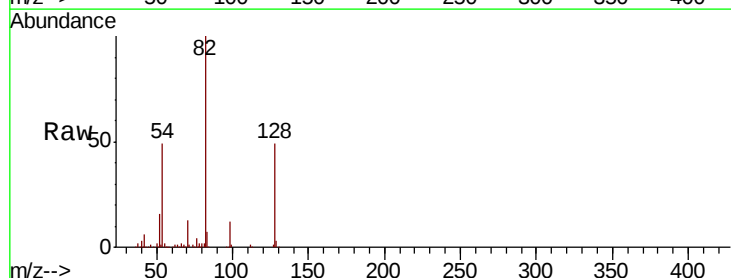
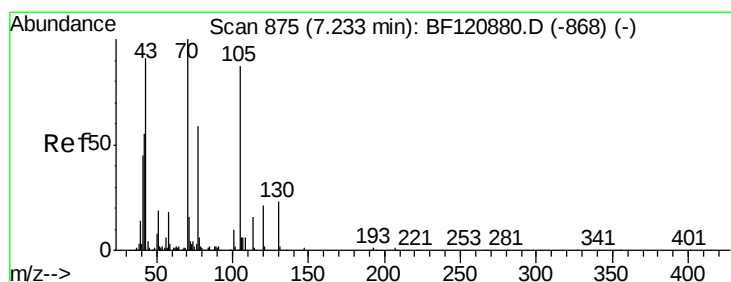
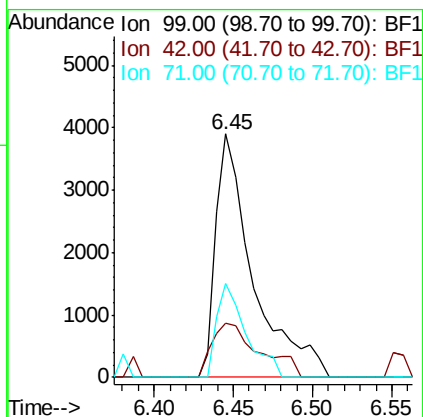
Tot Ion: 99 Resp: 6383

Ion Ratio Lower Upper

99 100

42 22.5 13.5 20.3#

71 38.6 25.0 37.4#



#19

n-Nitroso-di-n-propylamine

Concen: 10.077 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.13 min

Lab File: BF121228.D

Acq: 7 Aug 2020 13:31

Tgt Ion: 70 Resp: 60580

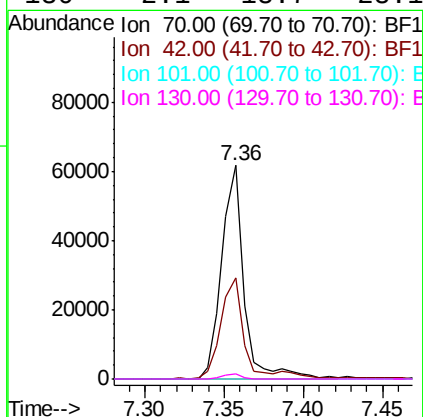
Ion Ratio Lower Upper

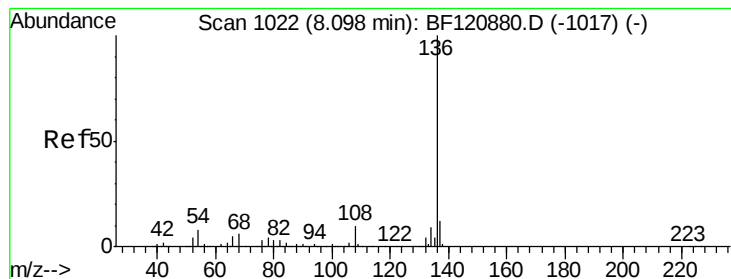
70 100

42 47.5 43.3 64.9

101 0.0 8.4 12.6#

130 2.1 18.7 28.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121228.D

Acq: 7 Aug 2020 13:31

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-017RX

Tot Ion:136 Resp: 527077

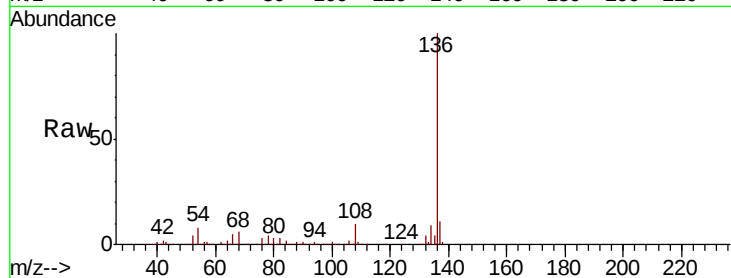
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 7.7 6.1 9.1

68 6.2 5.0 7.6

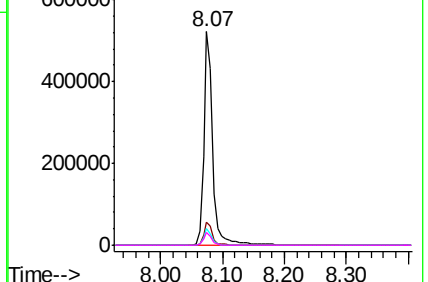
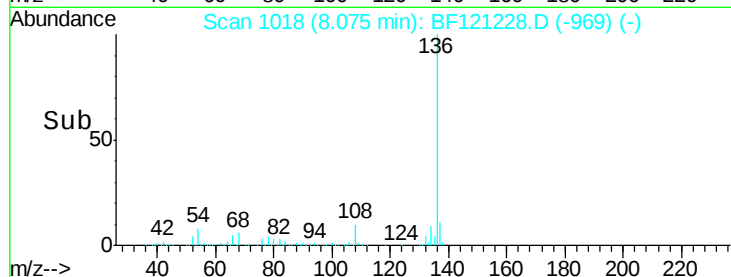


Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.041 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF121228.D

Acq: 7 Aug 2020 13:31

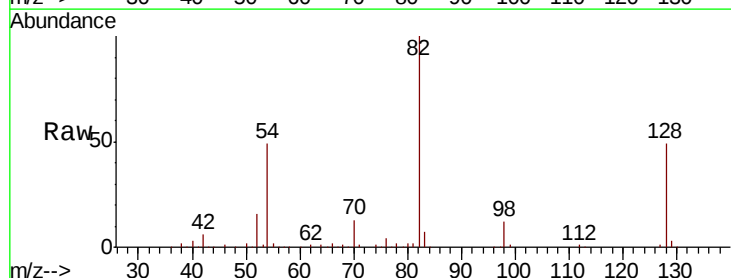
Tgt Ion: 82 Resp: 455825

Ion Ratio Lower Upper

82 100

128 48.6 39.2 58.8

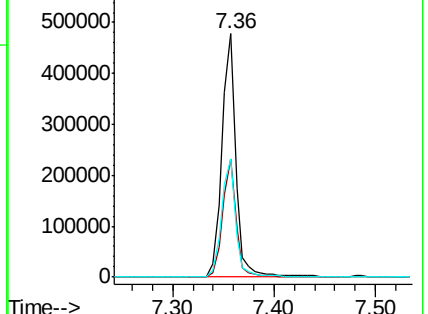
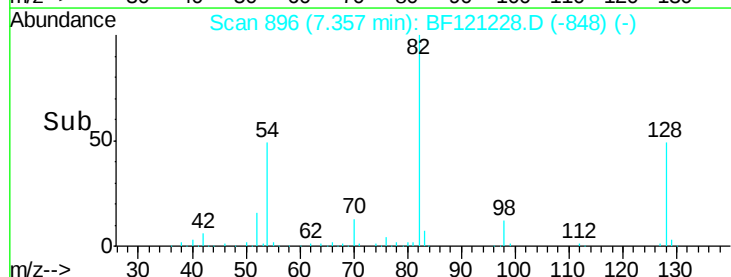
54 48.6 37.8 56.8

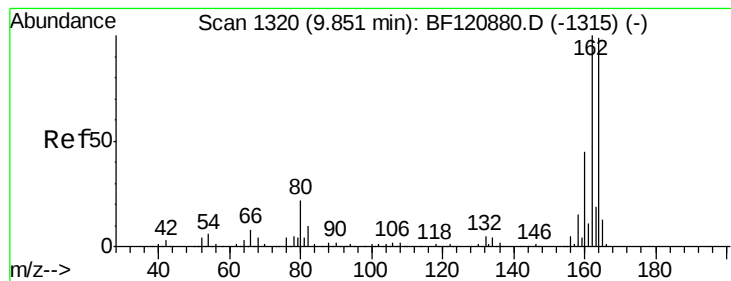


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121228.D

Acq: 7 Aug 2020 13:31

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-017RX

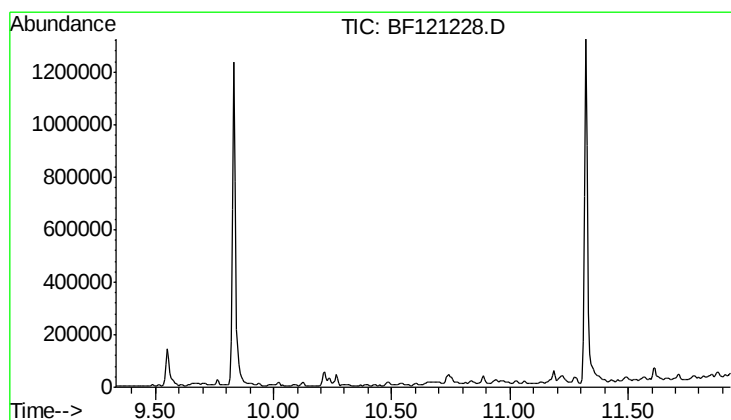
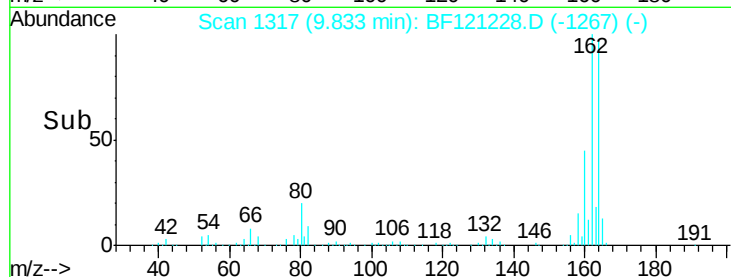
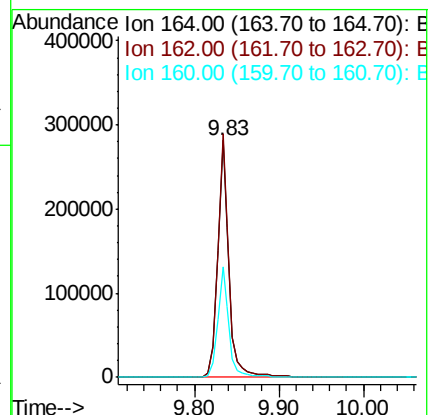
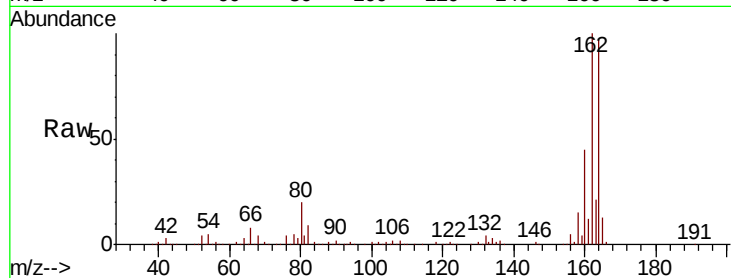
Tot Ion:164 Resp: 271711

Ion Ratio Lower Upper

164 100

162 102.7 82.2 123.2

160 46.7 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.63 min

Lab File: BF121228.D

Acq: 7 Aug 2020 13:31

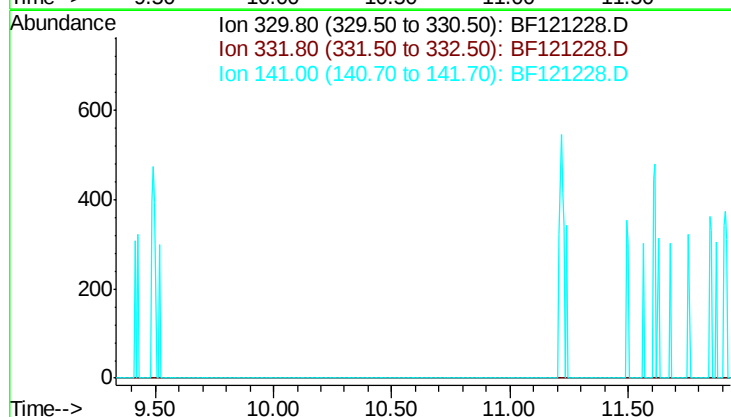
Tgt Ion: 330

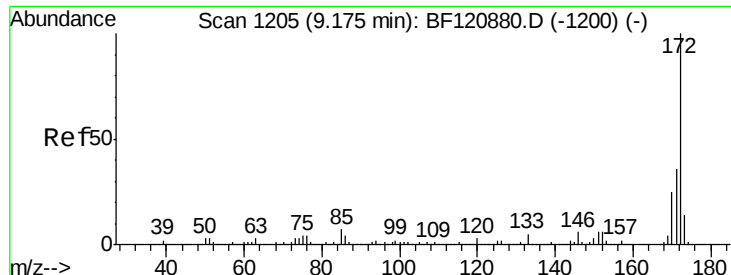
Sig Exp Ratio

330 100

332 95.1

141 30.1

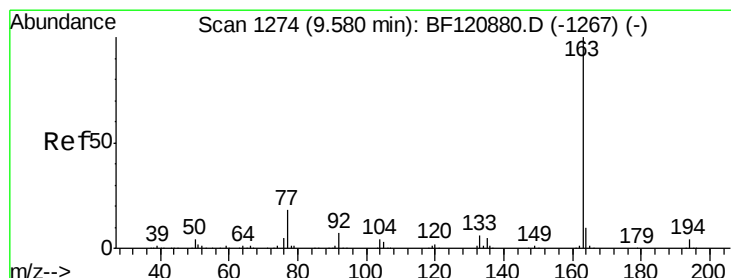
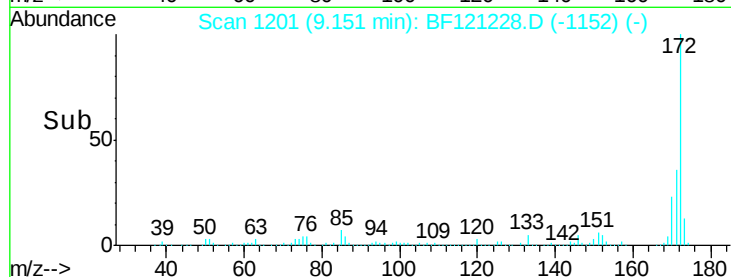
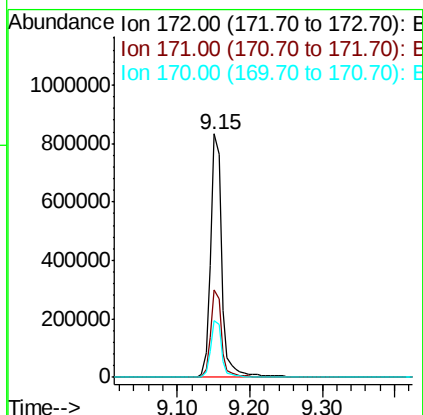
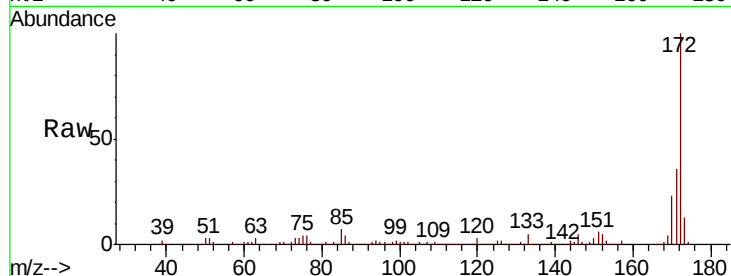




#45
2-Fluorobiphenyl
Concen: 49.689 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF121228.D
Acq: 7 Aug 2020 13:31

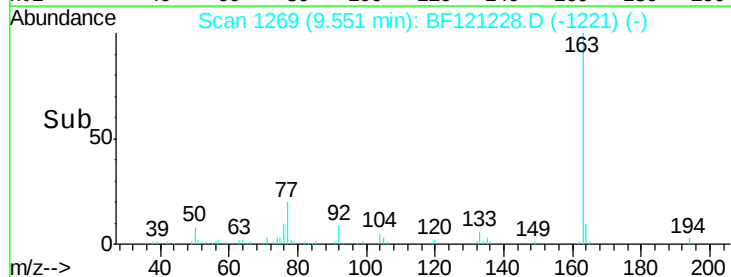
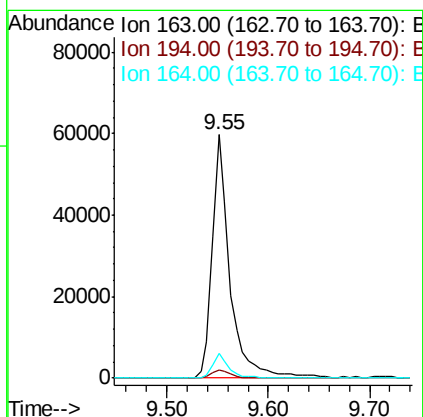
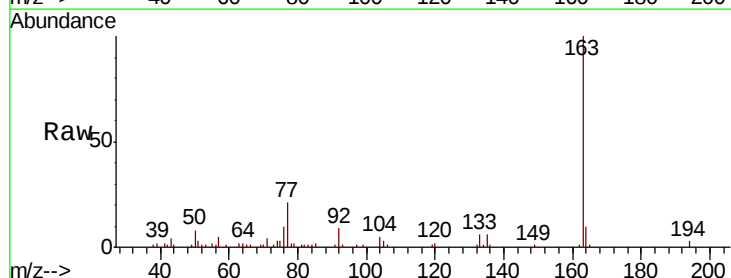
Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-017RX

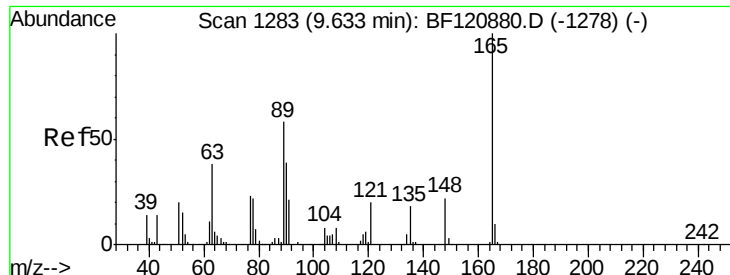
Tot Ion:172 Resp: 904263
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.4
170 23.5 19.6 29.4



#50
Dimethylphthalate
Concen: 3.711 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF121228.D
Acq: 7 Aug 2020 13:31

Tgt Ion:163 Resp: 72739
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.0 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 8.098 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.21 min

Lab File: BF121228.D

Acq: 7 Aug 2020 13:31

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-017RX

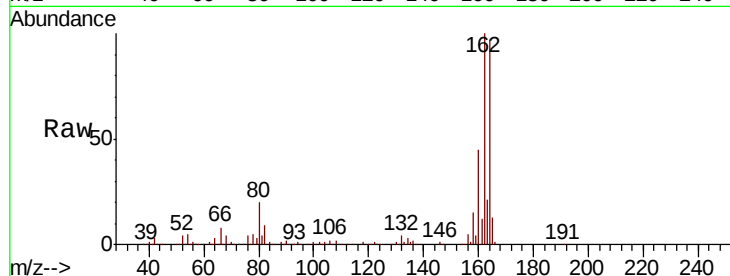
Tot Ion:165 Resp: 34102

Ion Ratio Lower Upper

165 100

63 1.2 41.1 61.7#

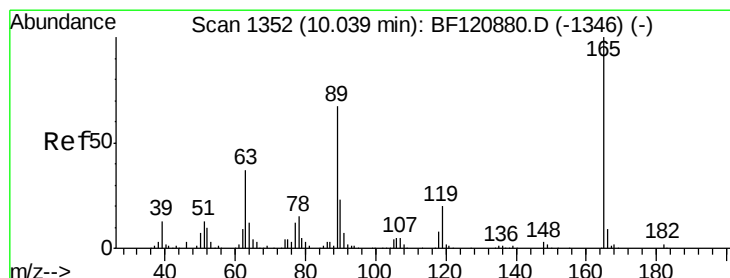
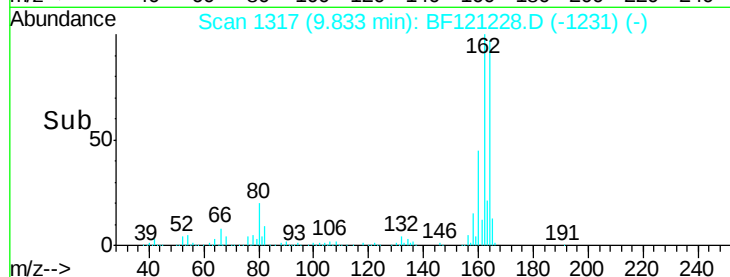
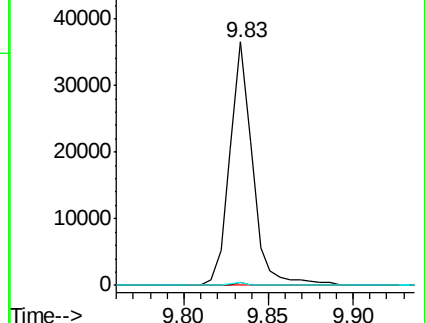
89 1.4 43.5 65.3#



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



#57

2,4-Dinitrotoluene

Concen: 6.166 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.20 min

Lab File: BF121228.D

Acq: 7 Aug 2020 13:31

Tgt Ion:165 Resp: 34103

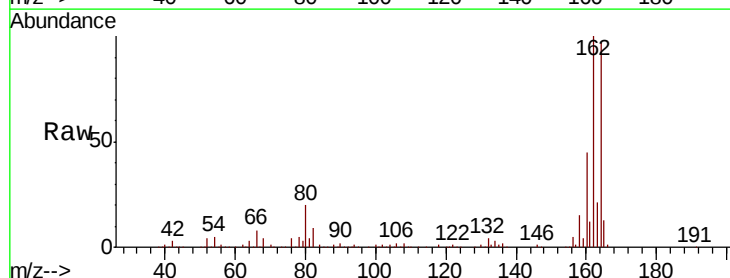
Ion Ratio Lower Upper

165 100

63 1.2 29.8 44.8#

89 1.4 50.3 75.5#

182 0.0 2.1 3.1#

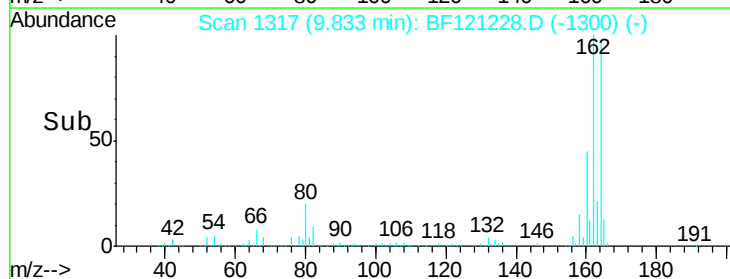
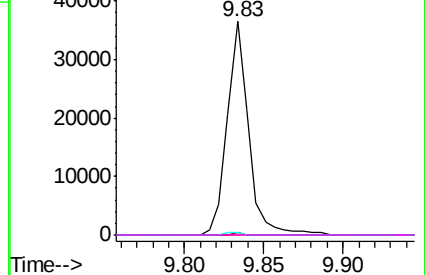


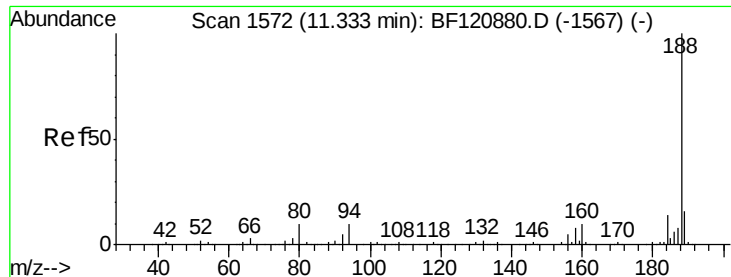
Abundance Ion 165.00 (164.70 to 165.70): E

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

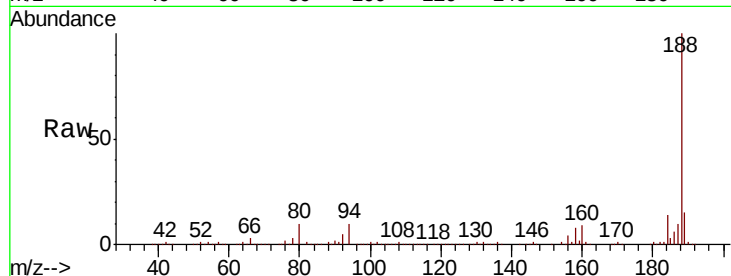




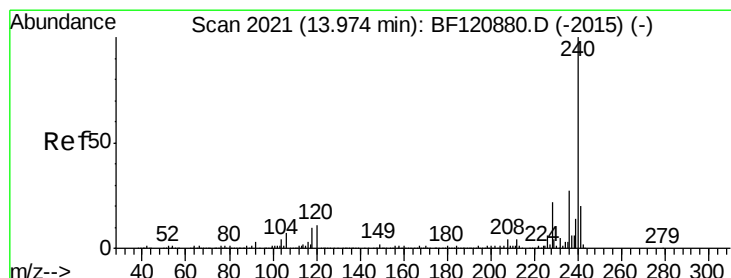
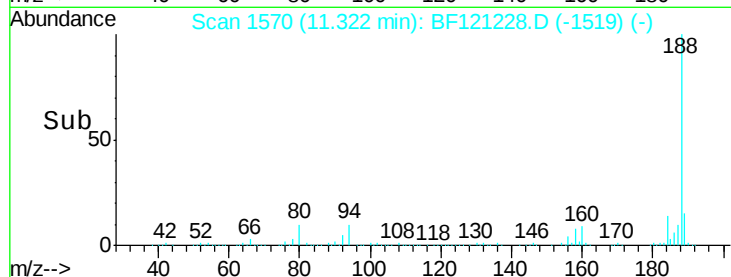
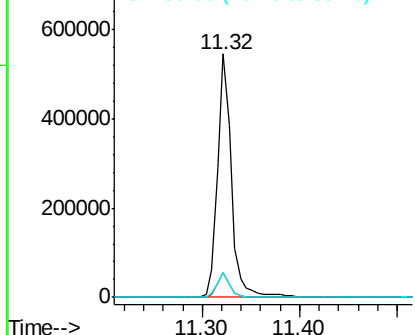
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121228.D
Acq: 7 Aug 2020 13:31

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-017RX

Tot Ion:188 Resp: 541212
Ion Ratio Lower Upper
188 100
94 9.9 8.0 12.0
80 10.1 8.3 12.5

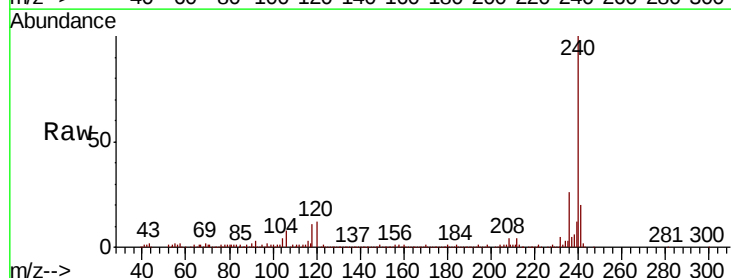


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

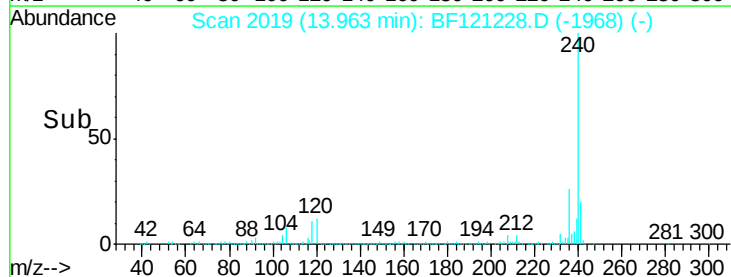
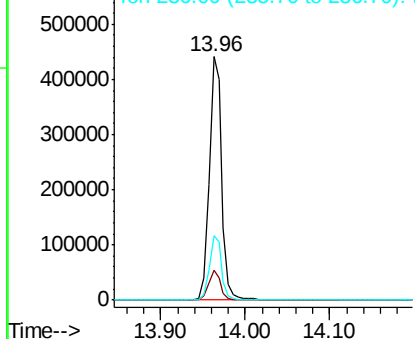


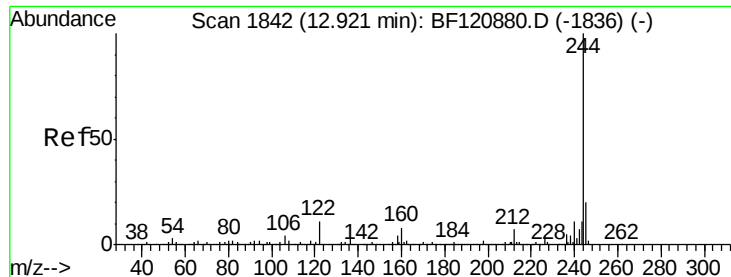
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF121228.D
Acq: 7 Aug 2020 13:31

Tgt Ion:240 Resp: 456959
Ion Ratio Lower Upper
240 100
120 12.2 9.3 13.9
236 26.3 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: 45.460 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF121228.D

Acq: 7 Aug 2020 13:31

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-017RX

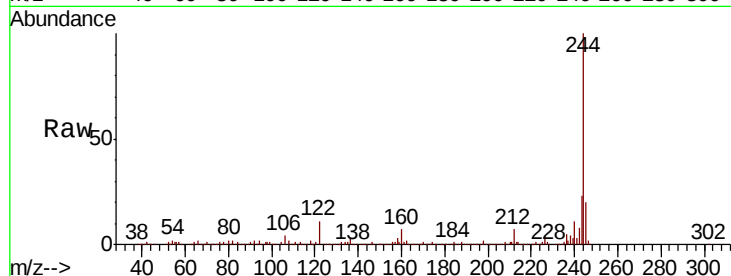
Tot Ion:244 Resp: 955625

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

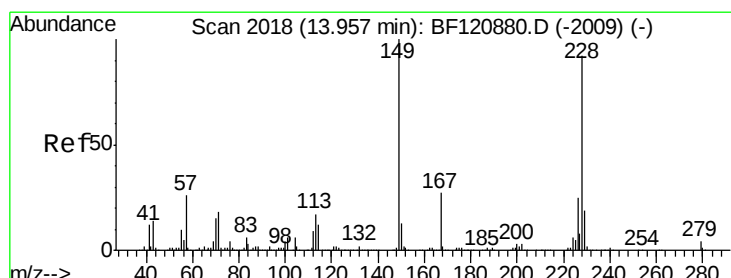
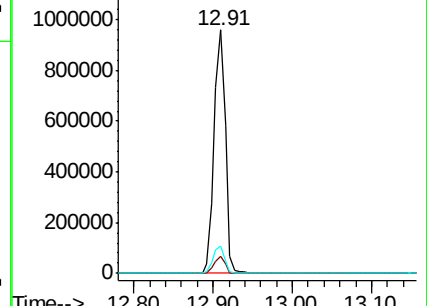
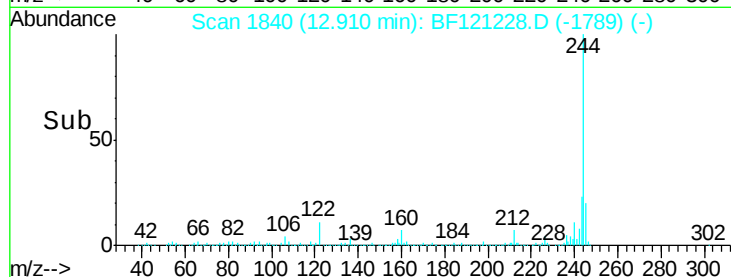
122 11.3 8.3 12.5



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 33.618 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BF121228.D

Acq: 7 Aug 2020 13:31

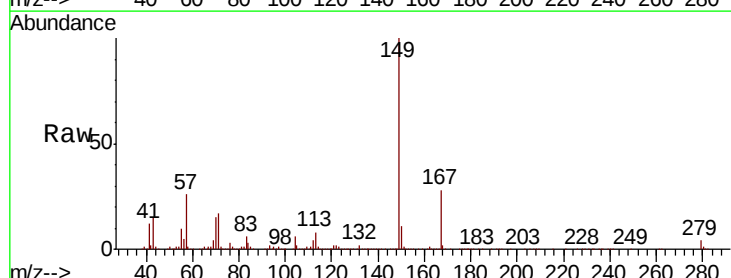
Tgt Ion:149 Resp: 597028

Ion Ratio Lower Upper

149 100

167 27.8 21.8 32.6

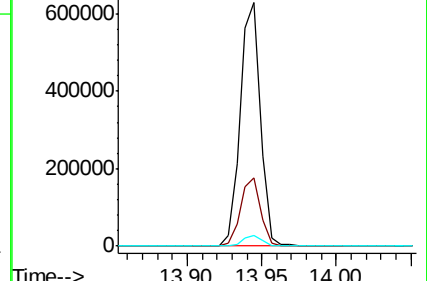
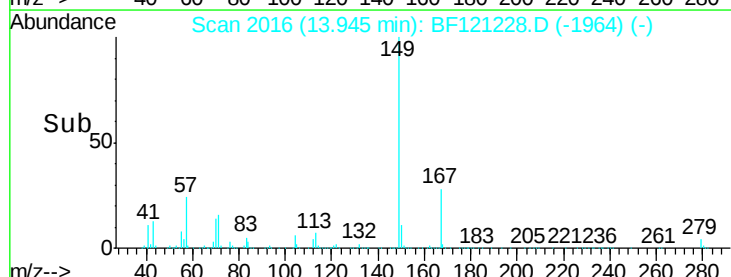
279 4.1 2.9 4.3

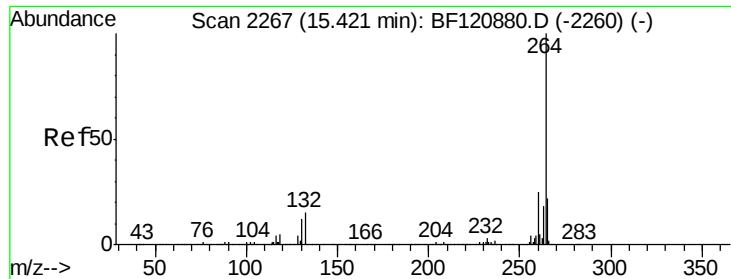


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

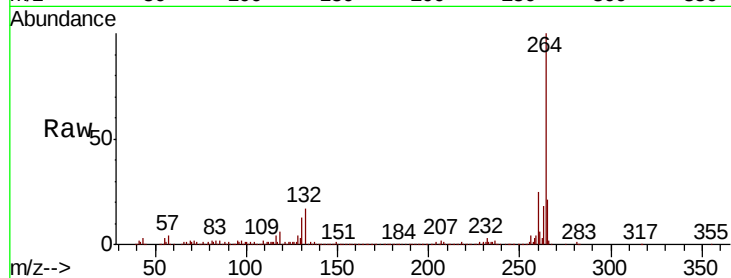




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.02 min
Lab File: BF121228.D
Acq: 7 Aug 2020 13:31

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-017RX

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.9	29.9
265	21.5	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

