

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
 Data File : BF121416.D
 Acq On : 25 Aug 2020 00:05
 Operator : JU/CG
 Sample : L3780-17 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-082120-C

Quant Time: Aug 25 03:25:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

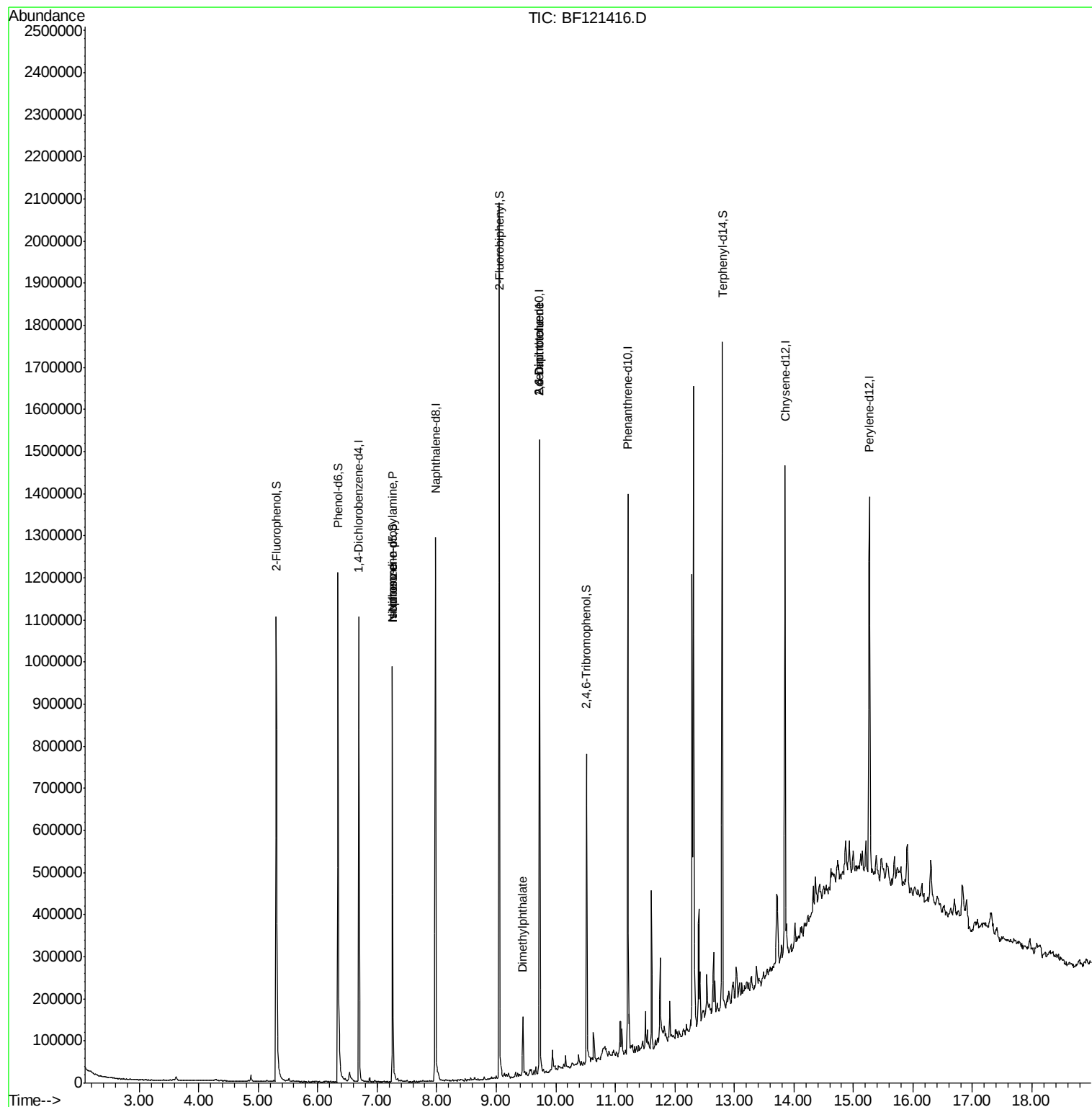
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	166182	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	627308	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	305147	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	507167	20.00	ng	0.00
76) Chrysene-d12	13.85	240	383026	20.00	ng	0.00
86) Perylene-d12	15.27	264	413627	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	389411	38.42	ng	0.00
7) Phenol-d6	6.34	99	486733	37.62	ng	0.00
23) Nitrobenzene-d5	7.26	82	311369	28.07	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	98919	27.82	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	605266	29.66	ng	0.00
79) Terphenyl-d14	12.80	244	498855	25.45	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	40193	5.776	ng	# 78
25) Isophorone	7.26	82	306663	15.192	ng	# 65
50) Dimethylphthalate	9.45	163	57561	2.593	ng	# 99
51) 2,6-Dinitrotoluene	9.73	165	39878	8.411	ng	# 30
55) Dibenzofuran	9.93	168	1559	Below Cal		# 96
57) 2,4-Dinitrotoluene	9.73	165	39878	6.894	ng	# 25
58) Fluorene	10.27	166	2476	Below Cal		# 90

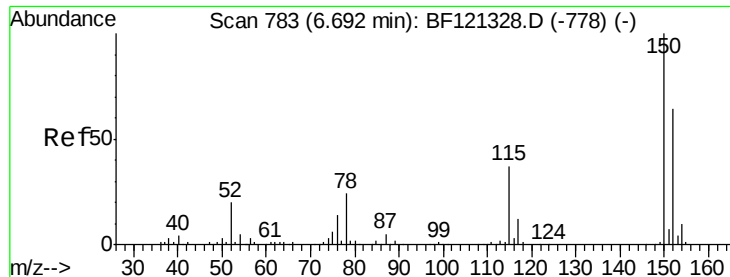
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121416.D
Acq On : 25 Aug 2020 00:05
Operator : JU/CG
Sample : L3780-17 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-082120-C

Quant Time: Aug 25 03:25:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 04:56:10 2020
Response via : Initial Calibration



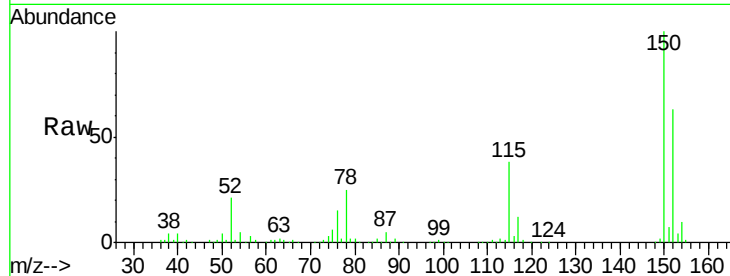


#1

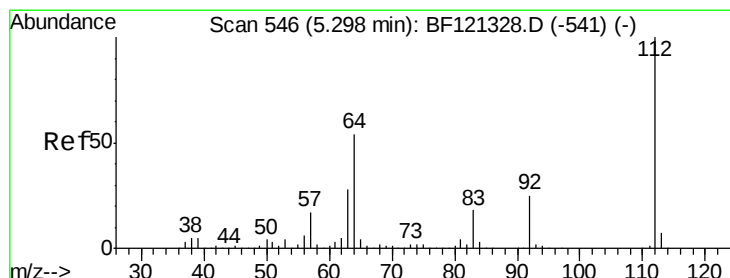
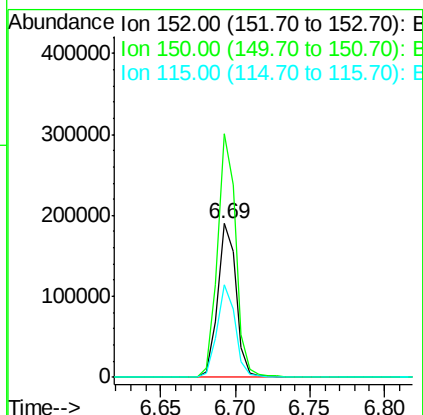
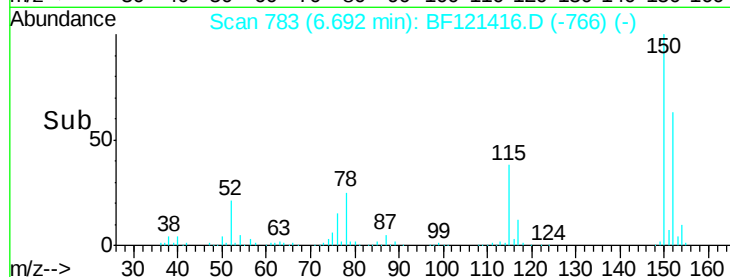
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF121416.D
 Acq: 25 Aug 2020 00:05

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-082120-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.8	187.2
115	60.6	46.1	69.1



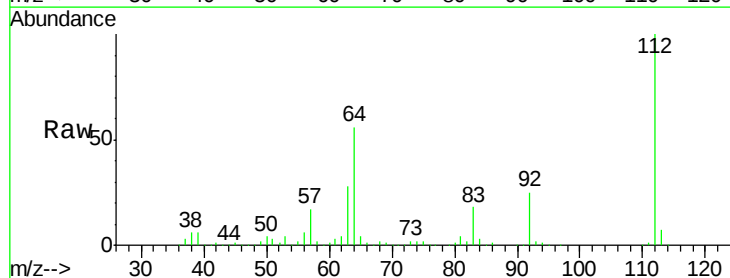
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



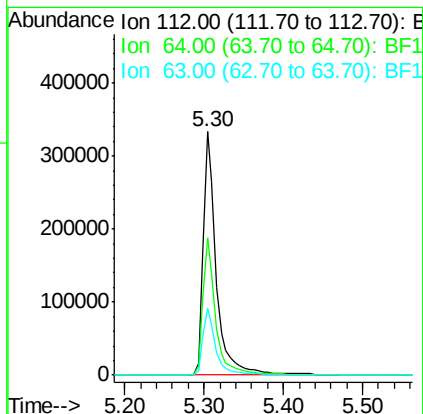
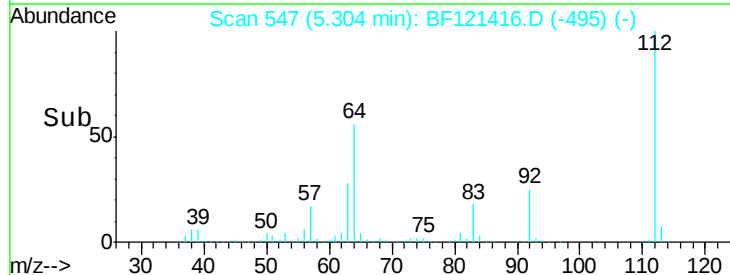
#5

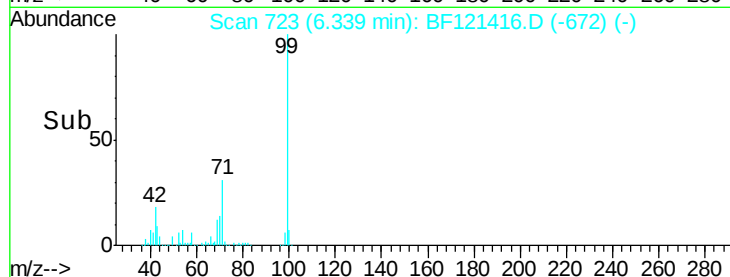
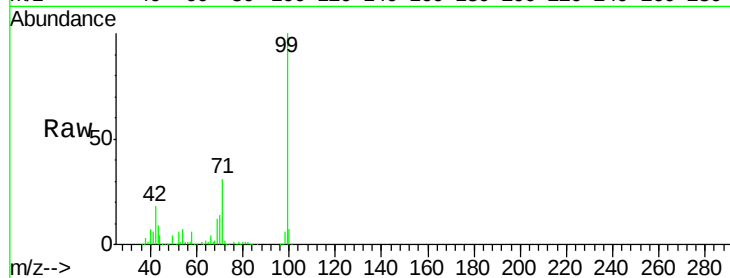
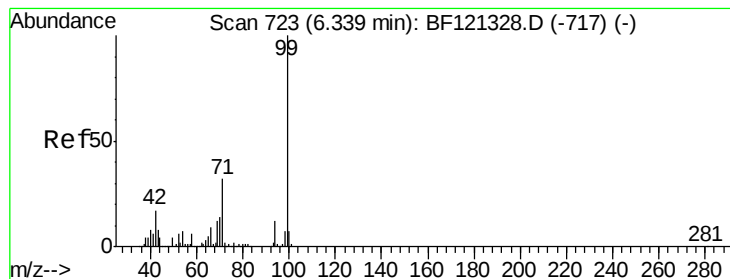
2-Fluorophenol
 Concen: 38.424 ng
 RT: 5.30 min Scan# 547
 Delta R.T. 0.01 min
 Lab File: BF121416.D
 Acq: 25 Aug 2020 00:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	43.5	65.3
63	27.6	22.0	33.0



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: 37.621 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF121416.D

Acq: 25 Aug 2020 00:05

Instrument :

BNA_F

ClientSampleId :

JC-03-082120-C

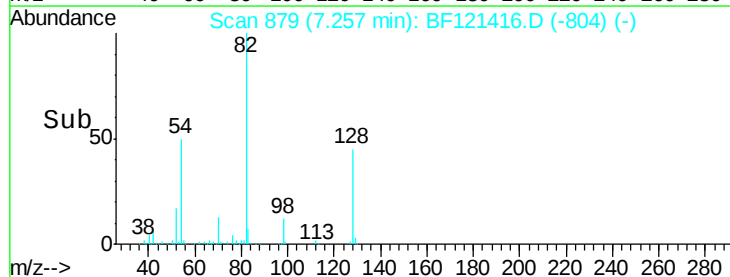
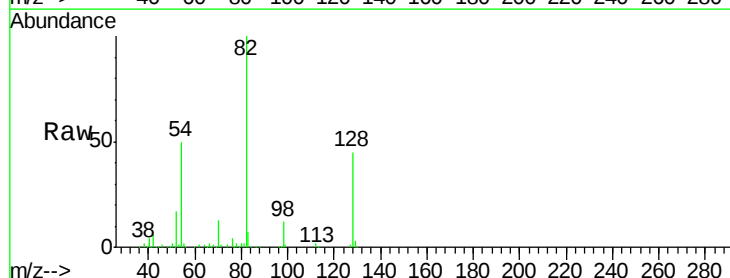
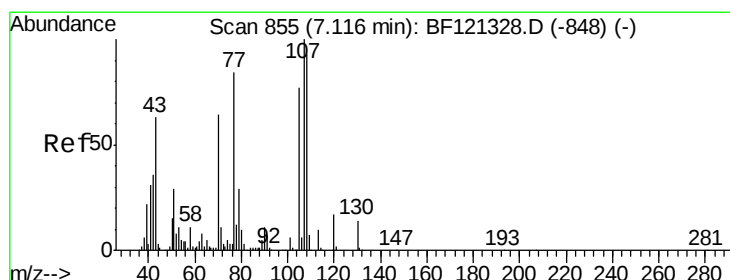
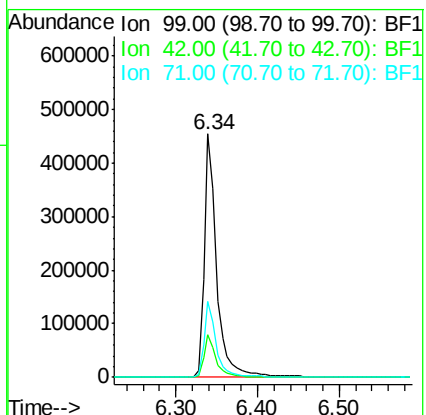
Tot Ion: 99 Resp: 486733

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

71 31.1 25.2 37.8



#19

n-Nitroso-di-n-propylamine

Concen: 5.776 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF121416.D

Acq: 25 Aug 2020 00:05

Tgt Ion: 70 Resp: 40193

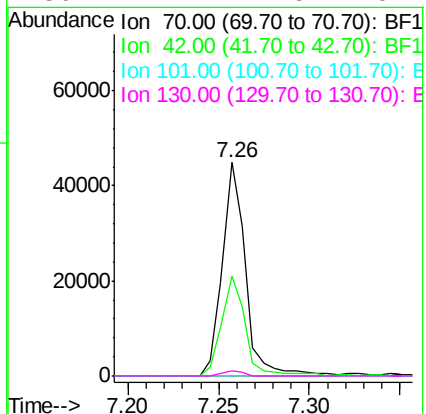
Ion Ratio Lower Upper

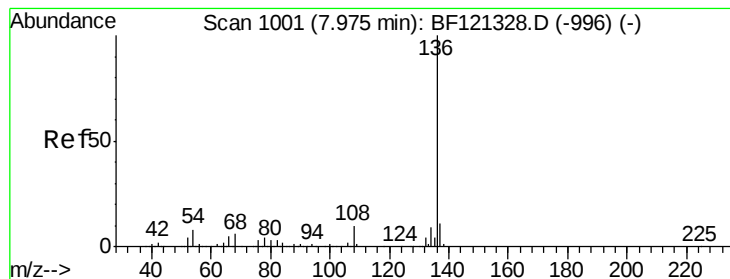
70 100

42 46.9 45.2 67.8

101 0.0 7.7 11.5#

130 2.2 17.6 26.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF121416.D

Acq: 25 Aug 2020 00:05

Instrument :

BNA_F

ClientSampleId :

JC-03-082120-C

Tot Ion:136 Resp: 627308

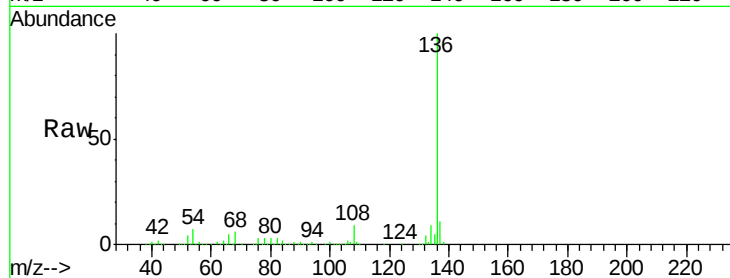
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.9 6.1 9.1

68 5.7 5.0 7.4

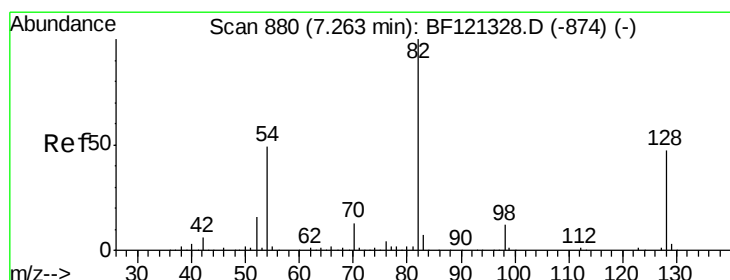
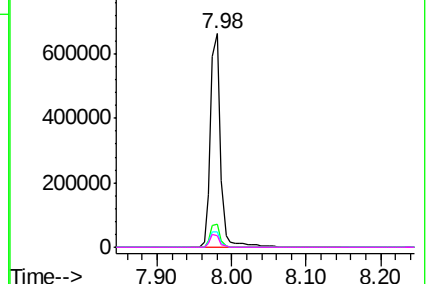
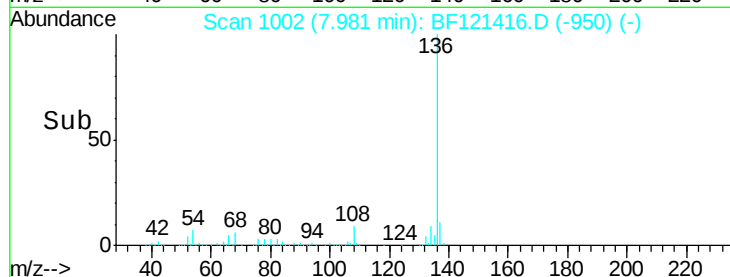


Abundance Ion 136.00 (135.70 to 136.70): E

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: 28.072 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF121416.D

Acq: 25 Aug 2020 00:05

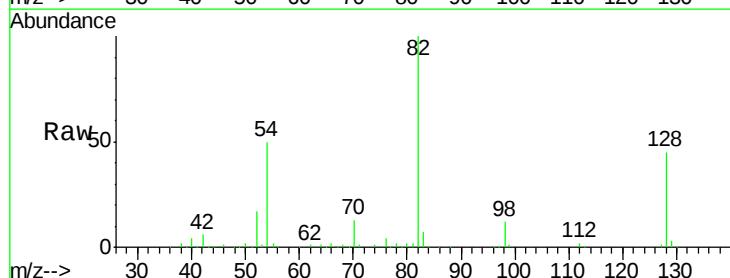
Tgt Ion: 82 Resp: 311369

Ion Ratio Lower Upper

82 100

128 45.1 37.9 56.9

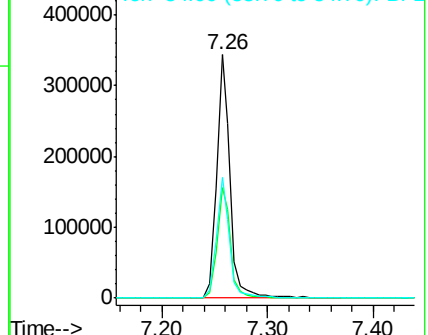
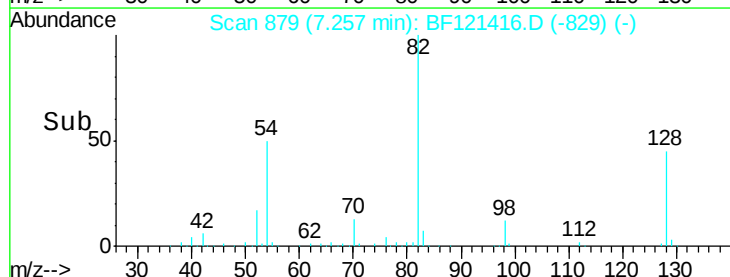
54 49.8 39.0 58.4

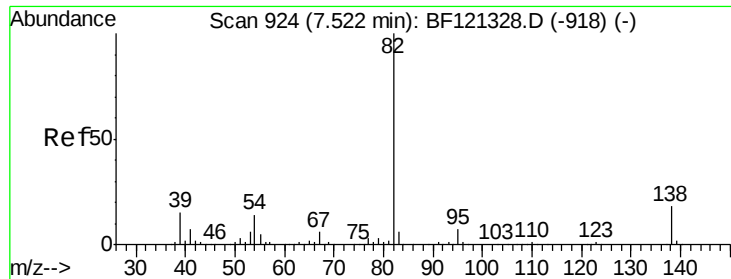


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 15.192 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF121416.D

Acq: 25 Aug 2020 00:05

Instrument :

BNA_F

ClientSampleId :

JC-03-082120-C

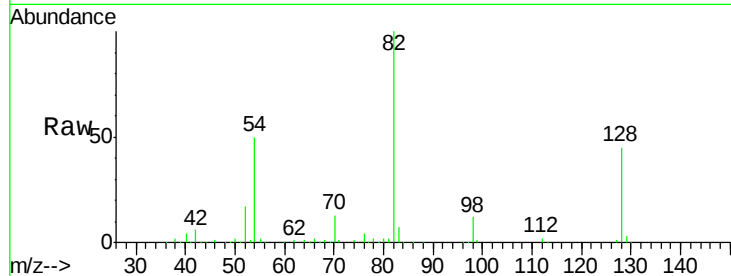
Tot Ion: 82 Resp: 306663

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

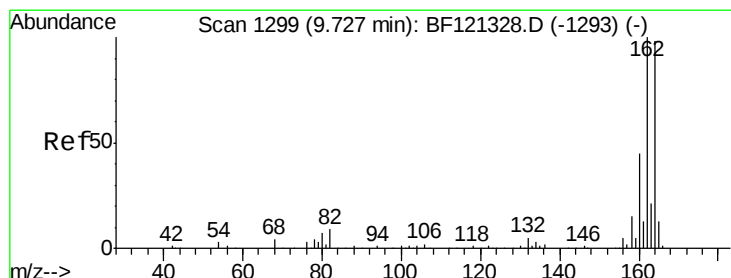
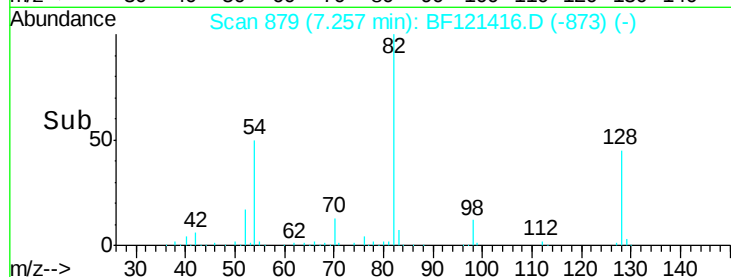
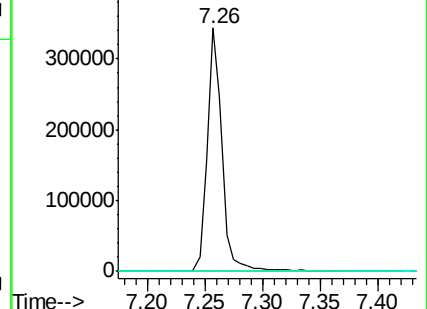
138 0.0 14.6 21.8#



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: 9.73 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BF121416.D

Acq: 25 Aug 2020 00:05

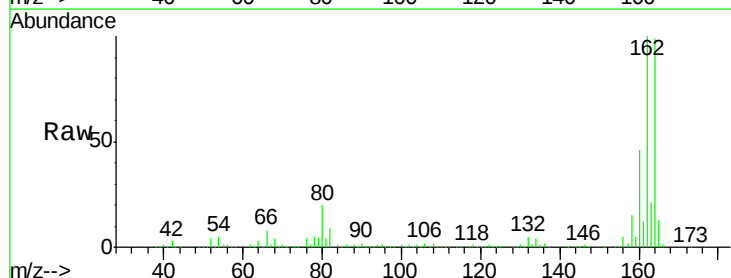
Tgt Ion: 164 Resp: 305147

Ion Ratio Lower Upper

164 100

162 100.8 81.7 122.5

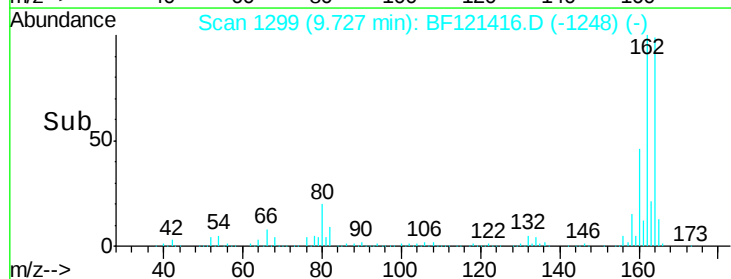
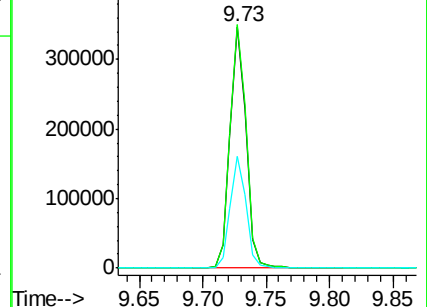
160 46.3 37.0 55.4

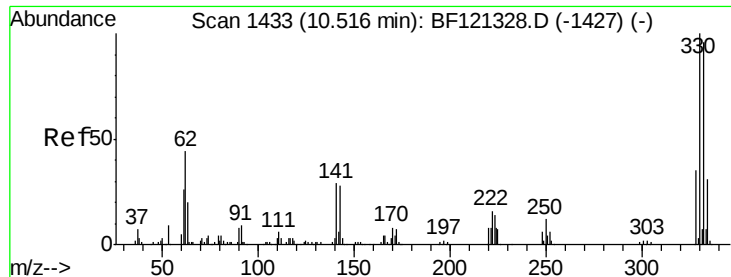


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

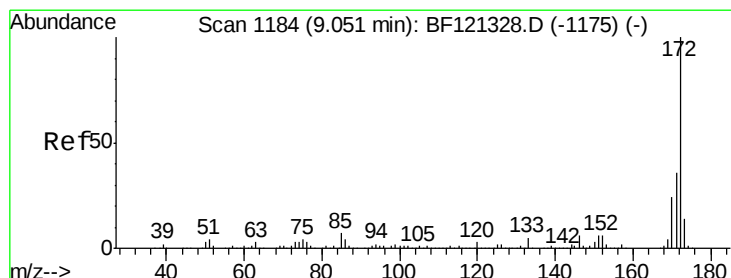
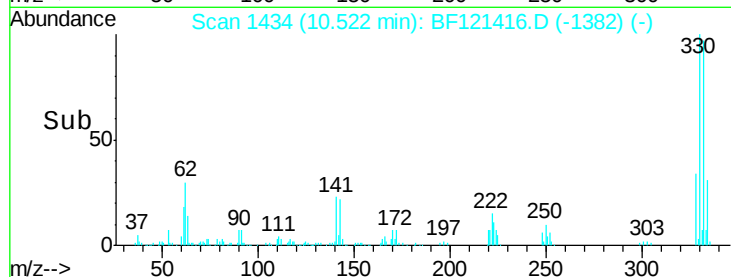
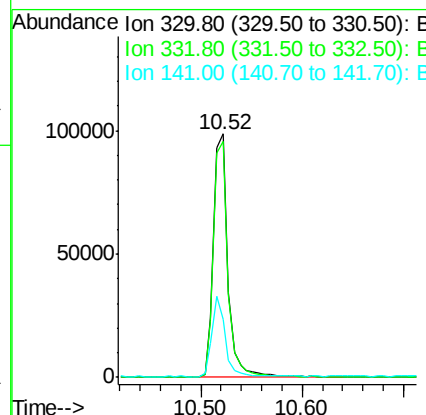
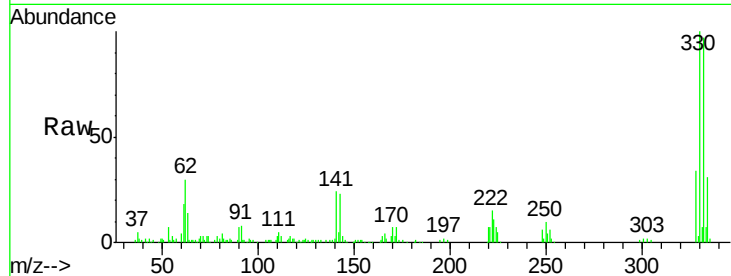




#42
 2,4,6-Tribromophenol
 Concen: 27.818 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF121416.D
 Acq: 25 Aug 2020 00:05

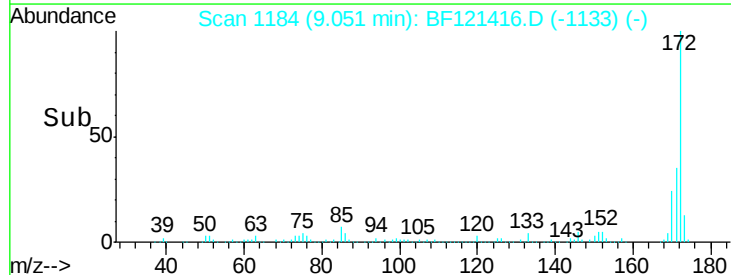
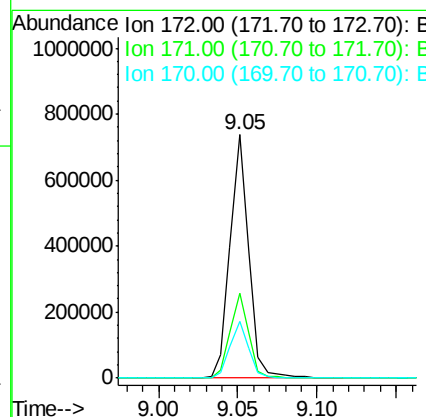
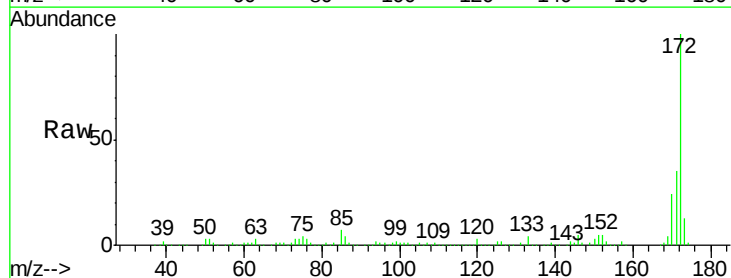
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-082120-C

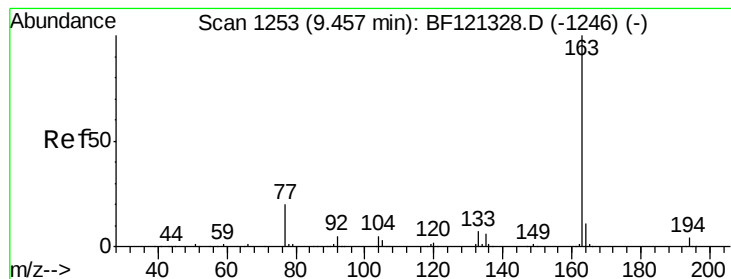
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.9	115.3
141	31.0	22.8	34.2



#45
 2-Fluorobiphenyl
 Concen: 29.661 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF121416.D
 Acq: 25 Aug 2020 00:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.0	43.6
170	23.5	19.4	29.2





#50

Dimethylphthalate

Concen: 2.593 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF121416.D

Acq: 25 Aug 2020 00:05

Instrument :

BNA_F

ClientSampleId :

JC-03-082120-C

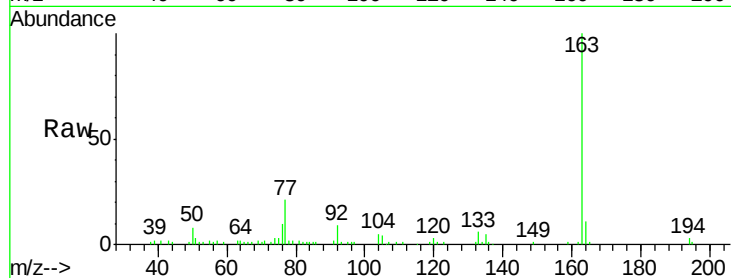
Tot Ion:163 Resp: 57561

Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.6

164 10.5 8.4 12.6



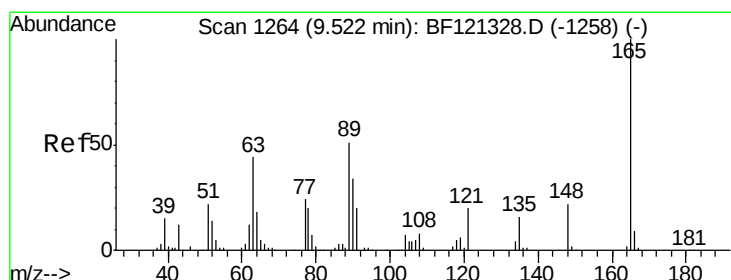
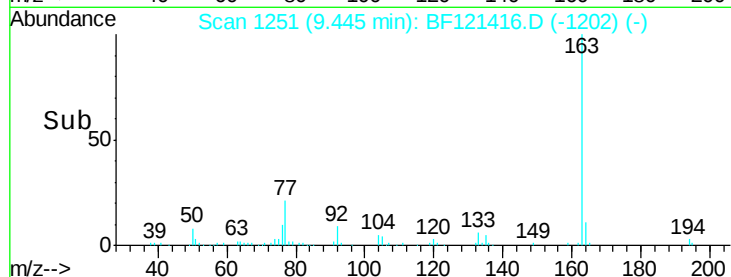
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

9.45

Time-->



#51

2,6-Dinitrotoluene

Concen: 8.411 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.21 min

Lab File: BF121416.D

Acq: 25 Aug 2020 00:05

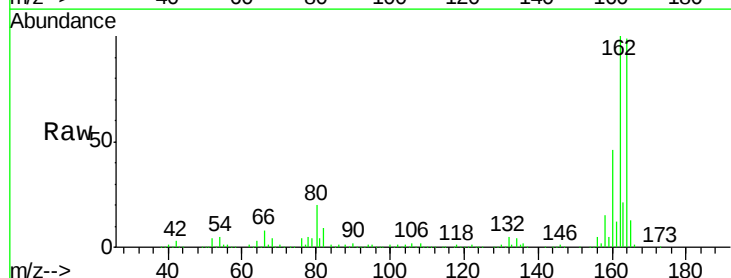
Tgt Ion:165 Resp: 39878

Ion Ratio Lower Upper

165 100

63 1.4 38.5 57.7#

89 1.7 41.2 61.8#



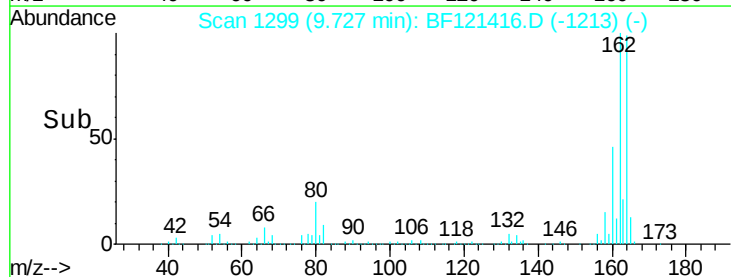
Abundance Ion 165.00 (164.70 to 165.70): E

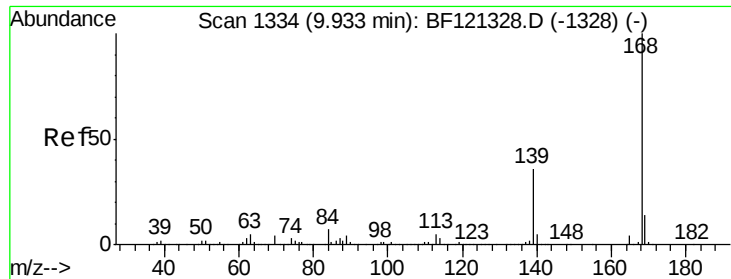
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

9.73

Time-->

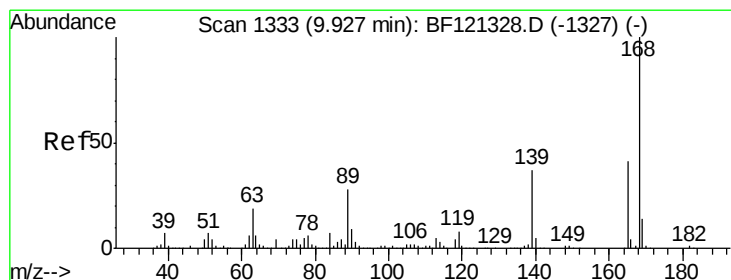
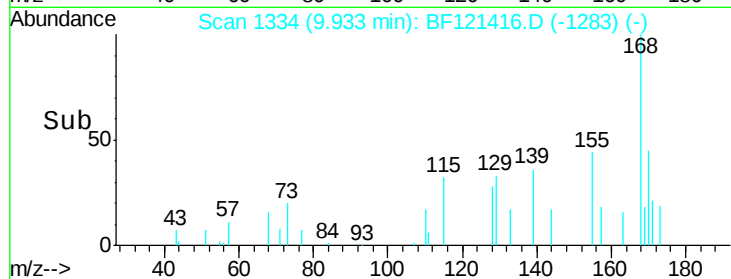
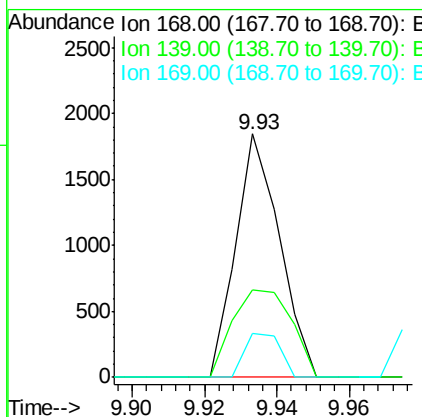
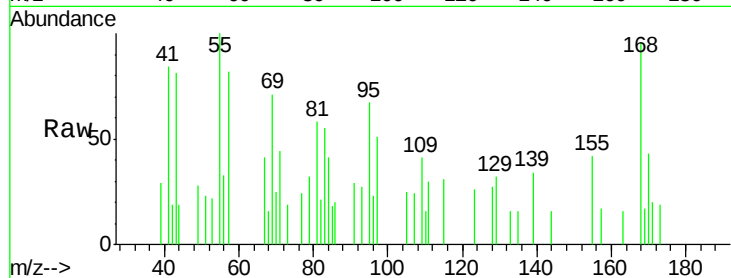




#55
Dibenzofuran
Concen: Below Cal
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF121416.D
Acq: 25 Aug 2020 00:05

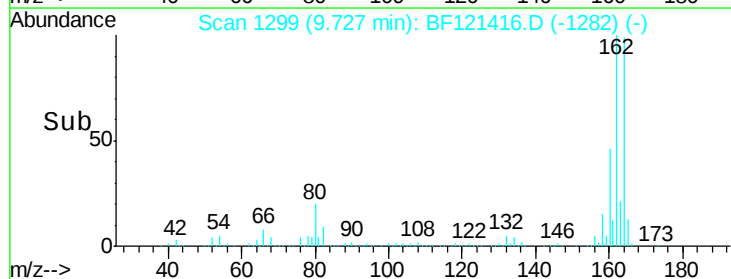
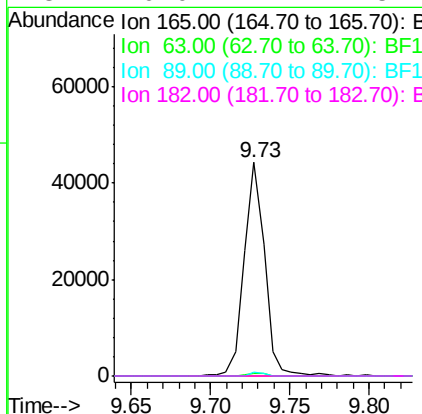
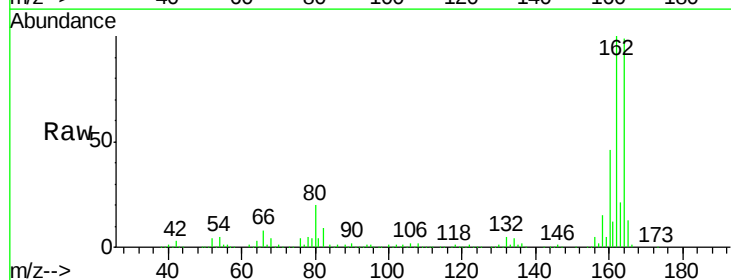
Instrument :
BNA_F
ClientSampleId :
JC-03-082120-C

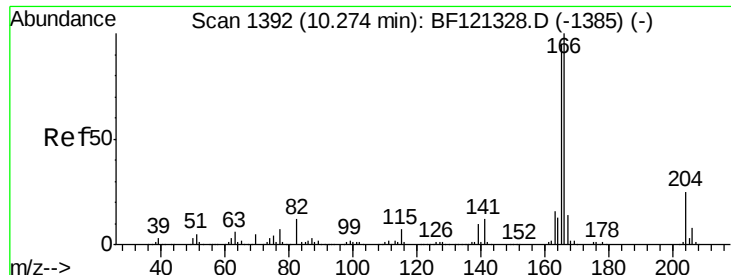
Tot Ion	Ratio	Lower	Upper
168	100		
139	35.8	29.1	43.7
169	18.1	11.0	16.6



#57
2,4-Dinitrotoluene
Concen: 6.894 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.20 min
Lab File: BF121416.D
Acq: 25 Aug 2020 00:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	37.5	56.3
89	1.7	54.2	81.4
182	0.0	2.2	3.4





#58

Fluorene

Concen: Below Cal

RT: 10.27 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BF121416.D

Acq: 25 Aug 2020 00:05

Instrument :

BNA_F

ClientSampleId :

JC-03-082120-C

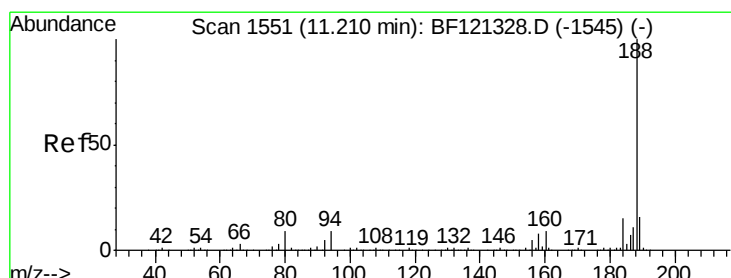
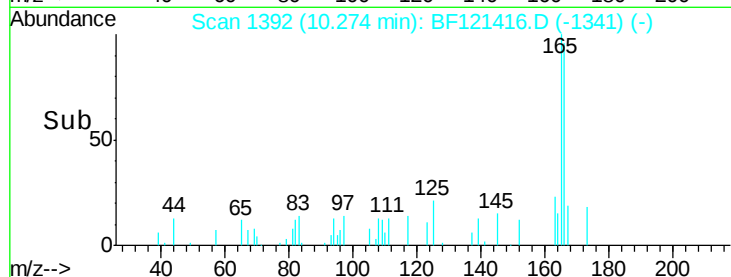
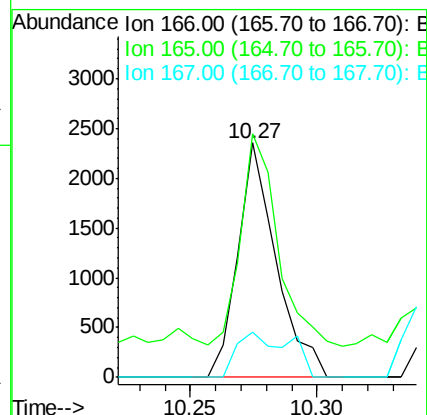
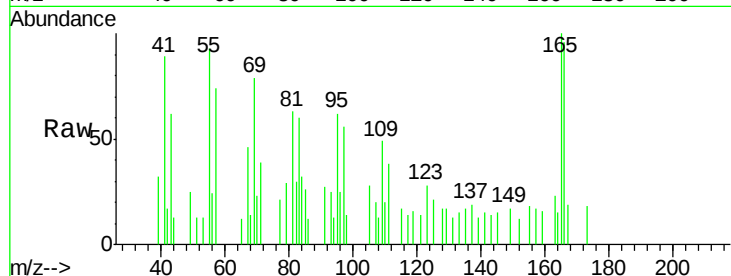
Tot Ion:166 Resp: 2476

Ion Ratio Lower Upper

166 100

165 103.9 75.8 113.8

167 19.5 11.0 16.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BF121416.D

Acq: 25 Aug 2020 00:05

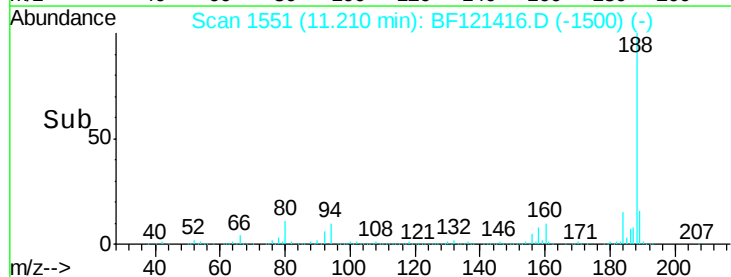
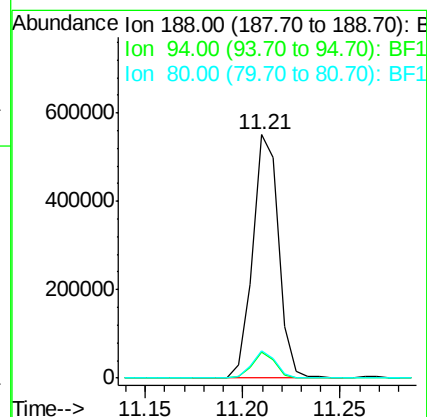
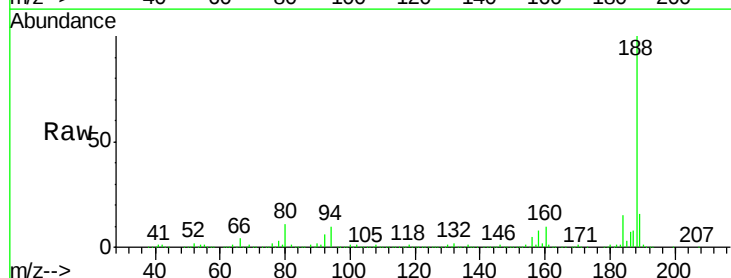
Tgt Ion:188 Resp: 507167

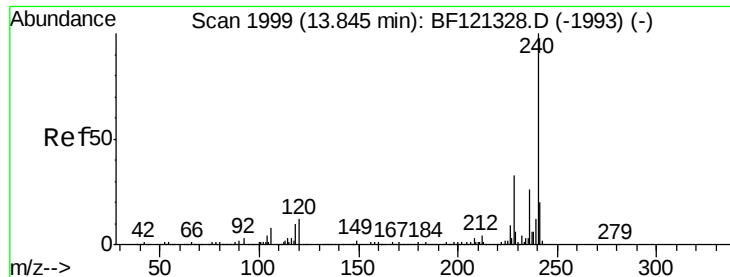
Ion Ratio Lower Upper

188 100

94 10.4 7.2 10.8

80 11.0 7.4 11.0

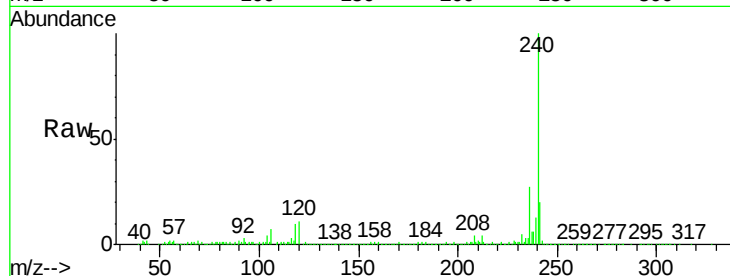




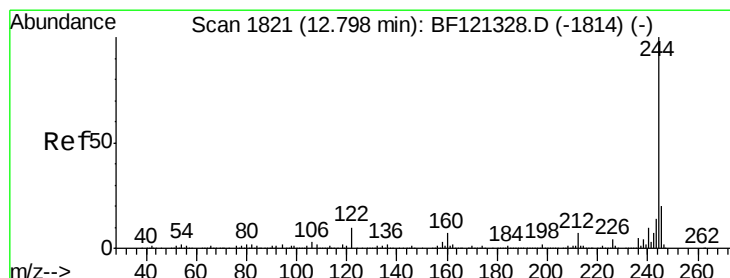
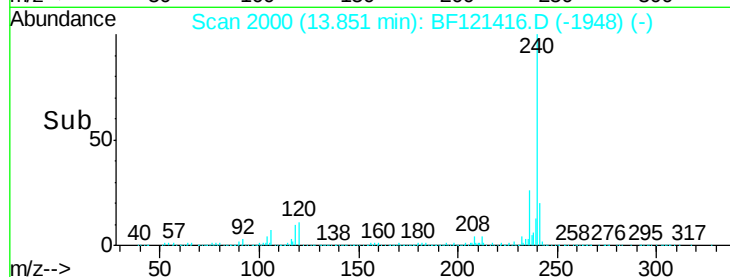
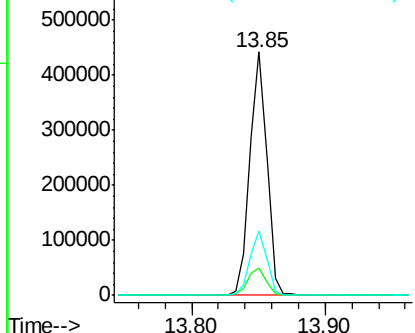
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. 0.01 min
 Lab File: BF121416.D
 Acq: 25 Aug 2020 00:05

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-082120-C

Tot Ion:240 Resp: 383026
 Ion Ratio Lower Upper
 240 100
 120 11.4 9.6 14.4
 236 26.5 20.6 31.0

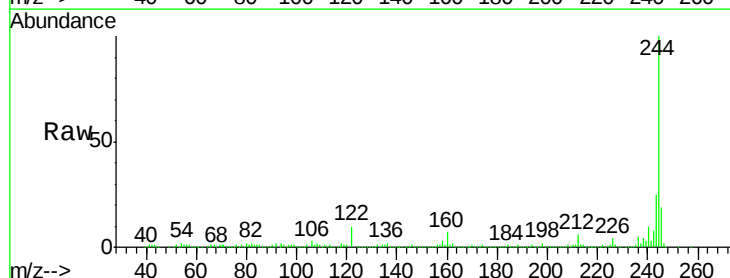


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

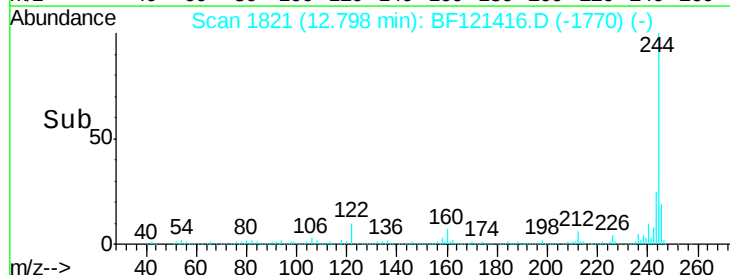
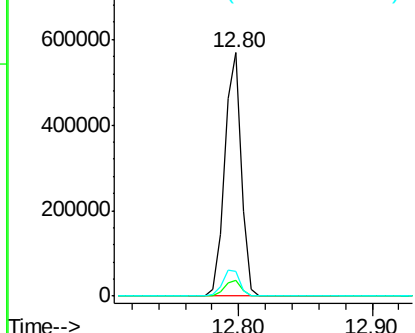


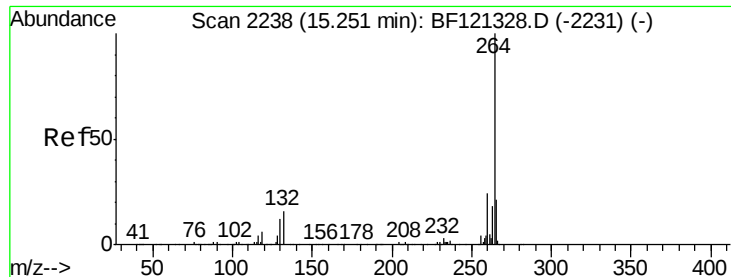
#79
 Terphenyl-d14
 Concen: 25.451 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF121416.D
 Acq: 25 Aug 2020 00:05

Tgt Ion:244 Resp: 498855
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 10.1 7.8 11.8



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

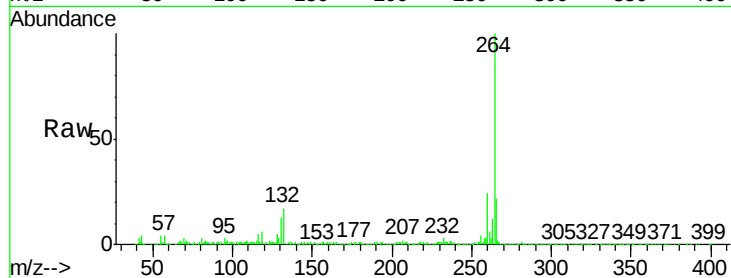




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.02 min
Lab File: BF121416.D
Acq: 25 Aug 2020 00:05

Instrument :
BNA_F
ClientSampleId :
JC-03-082120-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.7	17.1	25.7



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

