

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
 Data File : BF121205.D
 Acq On : 6 Aug 2020 16:42
 Operator : JU/CG
 Sample : L3555-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-22546

Quant Time: Aug 06 17:42:19 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

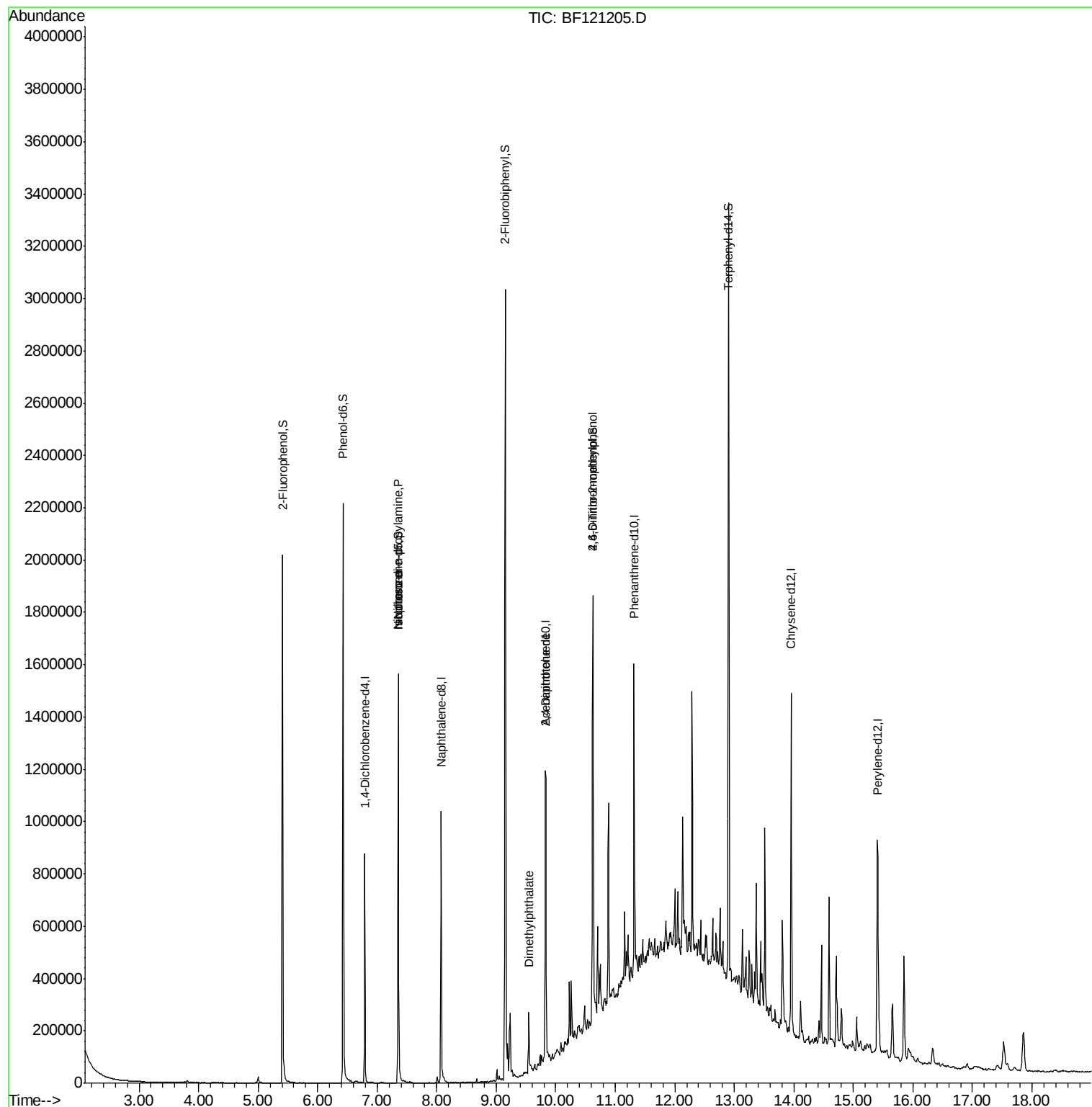
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	129314	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	501249	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	260957	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	508644	20.00	ng	0.00
76) Chrysene-d12	13.96	240	449013	20.00	ng	0.00
86) Perylene-d12	15.40	264	387182	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	678475	86.01	ng	0.00
7) Phenol-d6	6.43	99	825878	81.05	ng	-0.02
23) Nitrobenzene-d5	7.36	82	536177	61.90	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	251793	88.15	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	1043412	59.70	ng	-0.01
79) Terphenyl-d14	12.90	244	1088600	52.70	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	1169	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.36	70	70381	12.147	ng	# 78
25) Isophorone	7.36	82	519579	30.053	ng	# 62
50) Dimethylphthalate	9.55	163	104270	5.538	ng	100
57) 2,4-Dinitrotoluene	9.83	165	37606	7.080	ng	# 30
65) 4,6-Dinitro-2-methylphenol	10.62	198	470	3.989	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: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF121205.D

Acq: 6 Aug 2020 16:42

Instrument :

BNA_F

ClientSampleId :

CHRT-22546

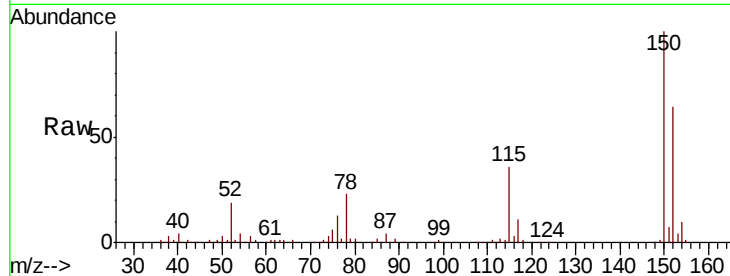
Tot Ion:152 Resp: 129314

Ion Ratio Lower Upper

152 100

150 157.3 125.6 188.4

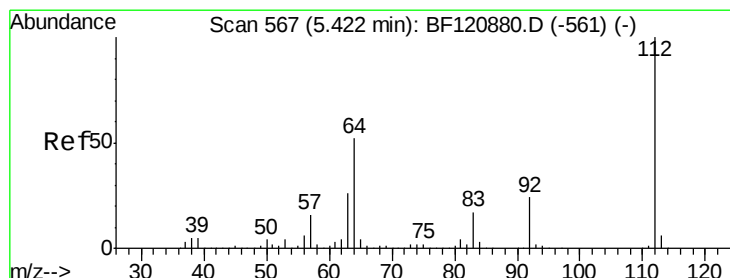
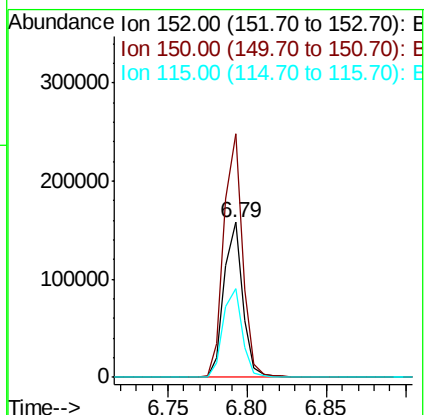
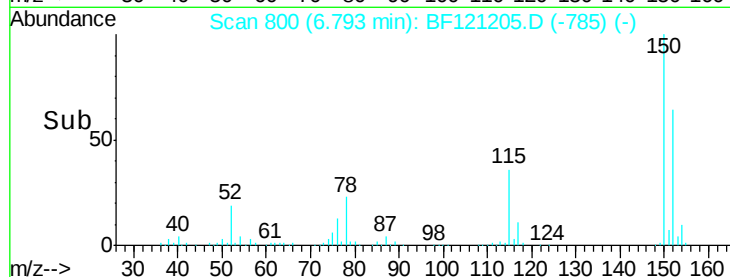
115 57.0 46.2 69.2



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: 86.013 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF121205.D

Acq: 6 Aug 2020 16:42

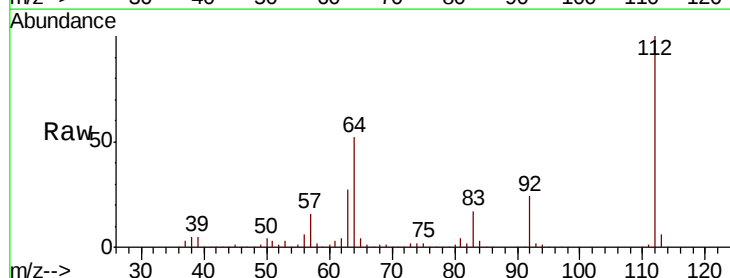
Tgt Ion:112 Resp: 678475

Ion Ratio Lower Upper

112 100

64 52.0 43.9 65.9

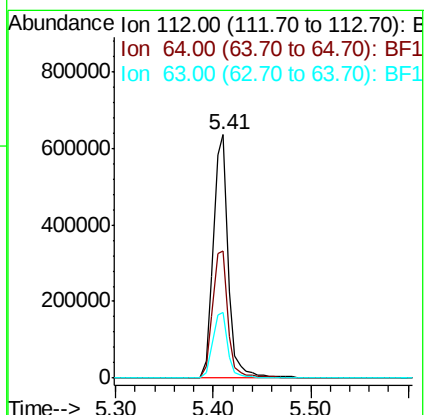
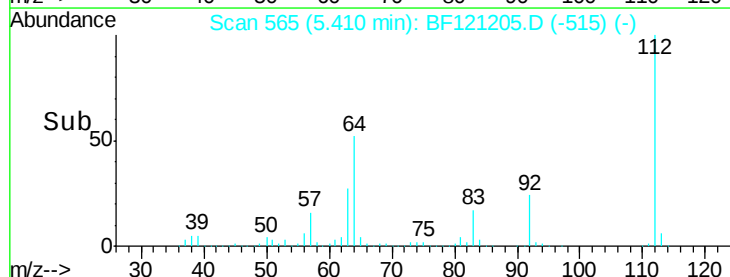
63 27.0 22.7 34.1



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: 81.053 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF121205.D

Acq: 6 Aug 2020 16:42

Instrument :

BNA_F

ClientSampleId :

CHRT-22546

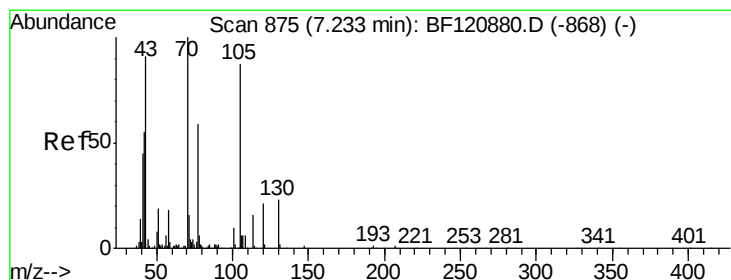
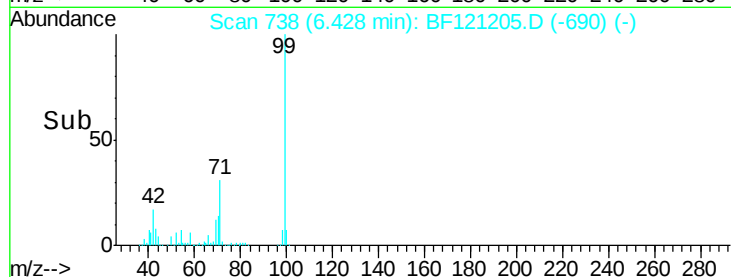
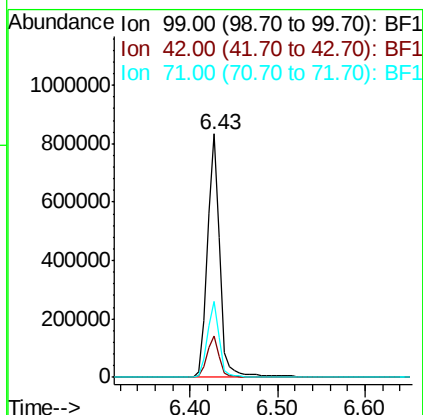
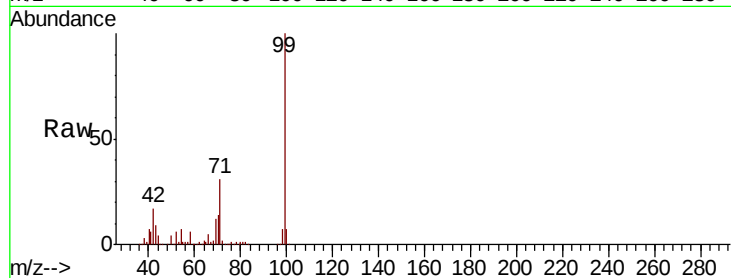
Tot Ion: 99 Resp: 825878

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: 12.147 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.13 min

Lab File: BF121205.D

Acq: 6 Aug 2020 16:42

Tgt Ion: 70 Resp: 70381

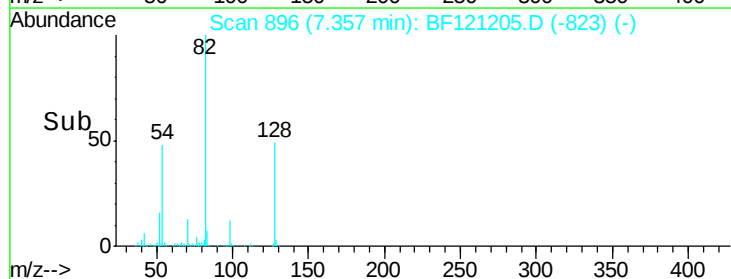
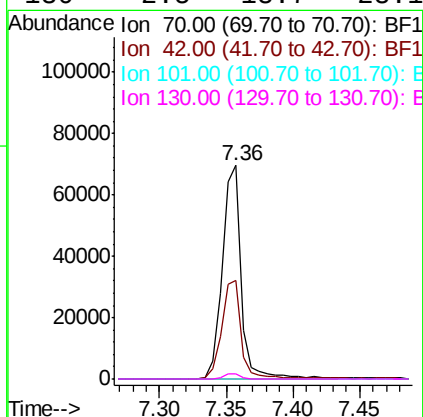
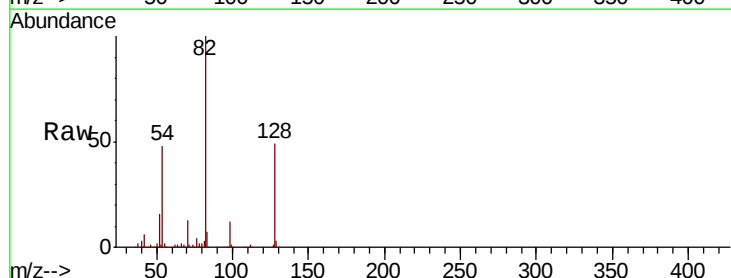
Ion Ratio Lower Upper

70 100

42 46.0 43.3 64.9

101 0.0 8.4 12.6#

130 2.5 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: BF121205.D

Acq: 6 Aug 2020 16:42

Instrument :

BNA_F

ClientSampleId :

CHRT-22546

Tot Ion:136 Resp: 501249

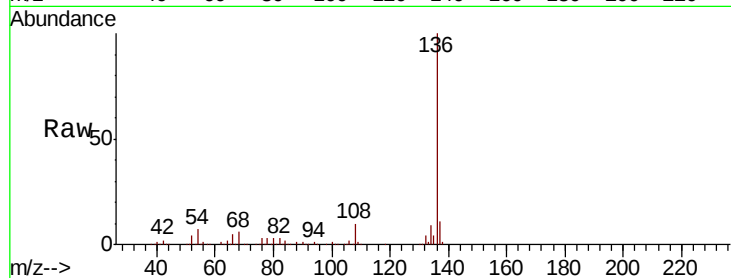
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 7.3 6.1 9.1

68 5.9 5.0 7.6

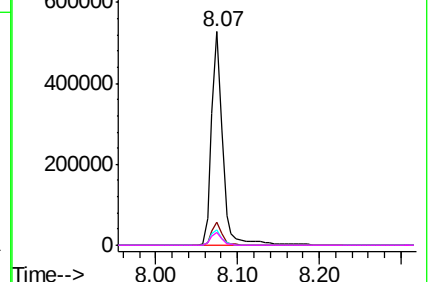
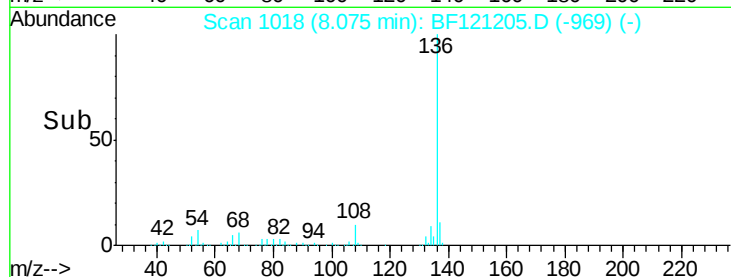


Abundance Ion 136.00 (135.70 to 136.70): E

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: 61.895 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF121205.D

Acq: 6 Aug 2020 16:42

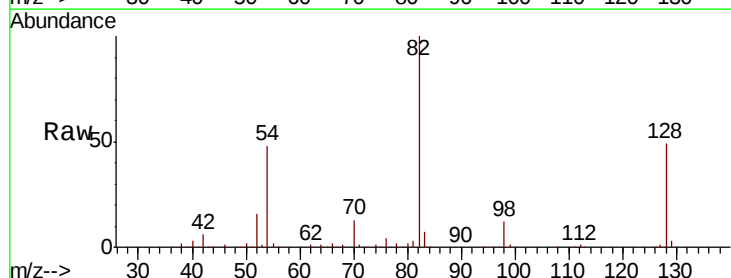
Tgt Ion: 82 Resp: 536177

Ion Ratio Lower Upper

82 100

128 49.4 39.2 58.8

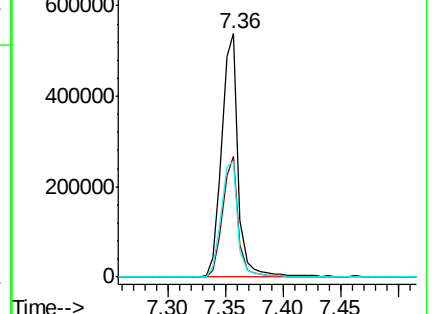
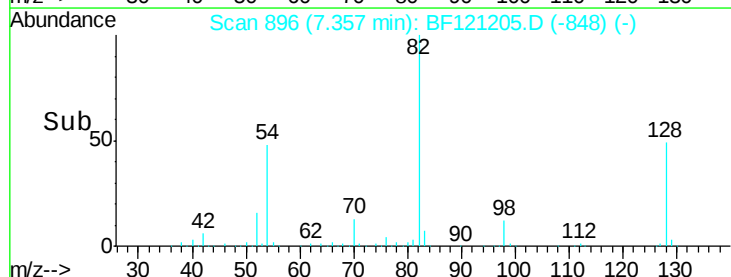
54 47.6 37.8 56.8



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





#25

Isophorone

Concen: 30.053 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.28 min

Lab File: BF121205.D

Acq: 6 Aug 2020 16:42

Instrument :

BNA_F

ClientSampleId :

CHRT-22546

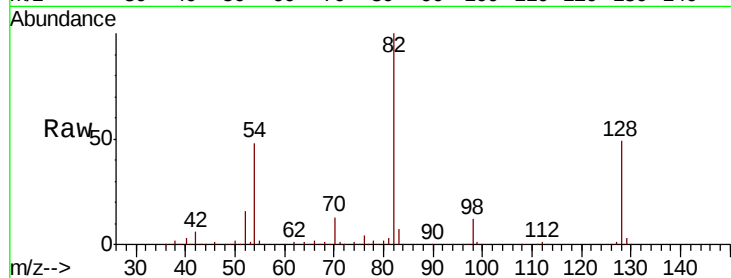
Tot Ion: 82 Resp: 519579

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

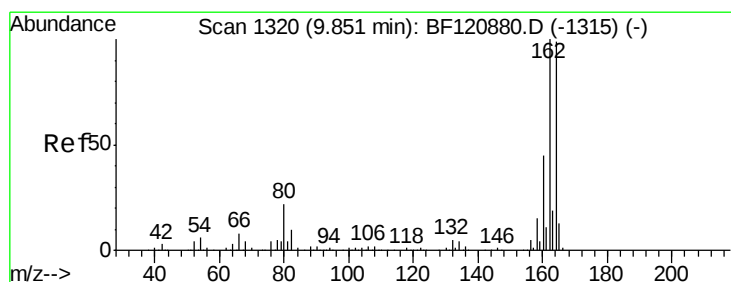
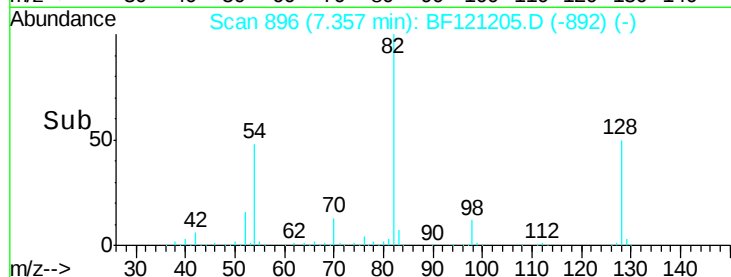
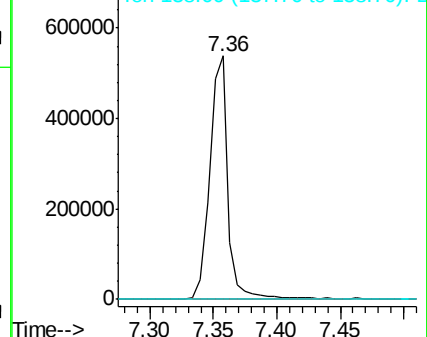
138 0.0 16.2 24.2#



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# 1316

Delta R.T. -0.01 min

Lab File: BF121205.D

Acq: 6 Aug 2020 16:42

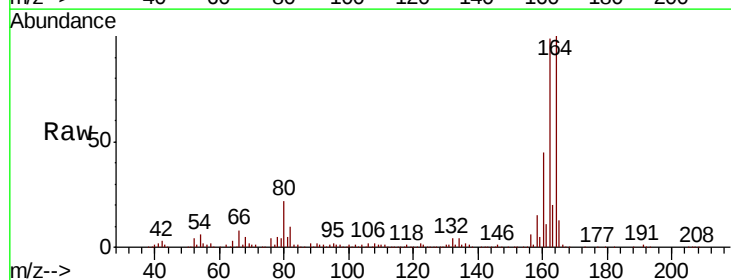
Tgt Ion: 164 Resp: 260957

Ion Ratio Lower Upper

164 100

162 98.9 82.2 123.2

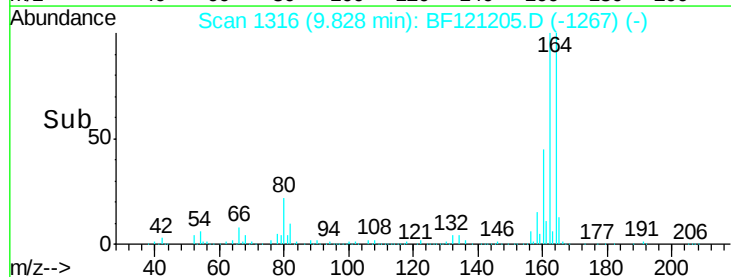
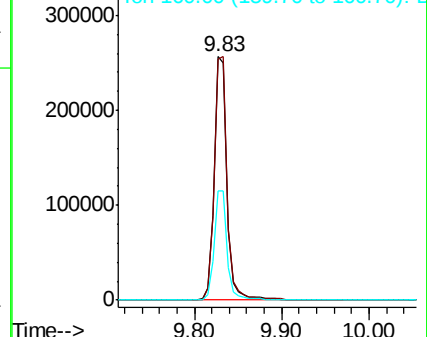
160 44.7 37.2 55.8

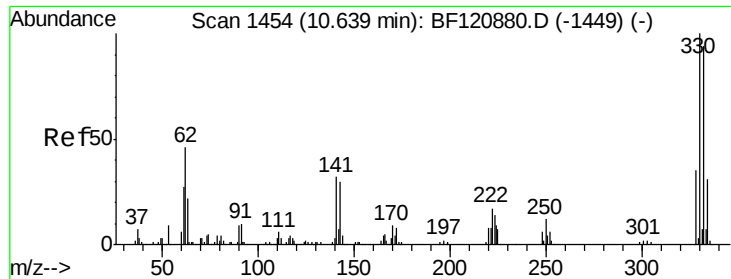


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

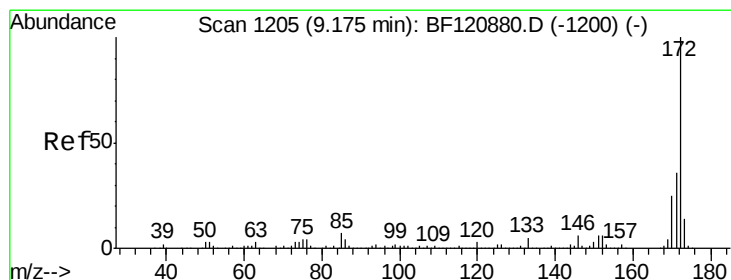
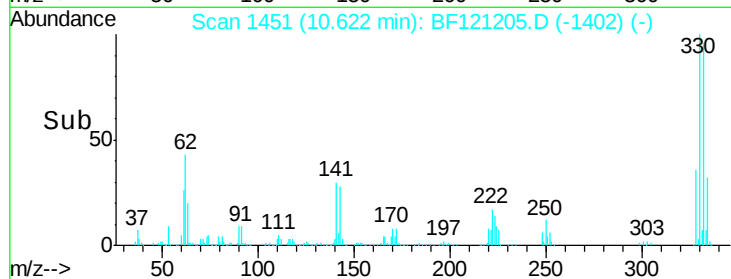
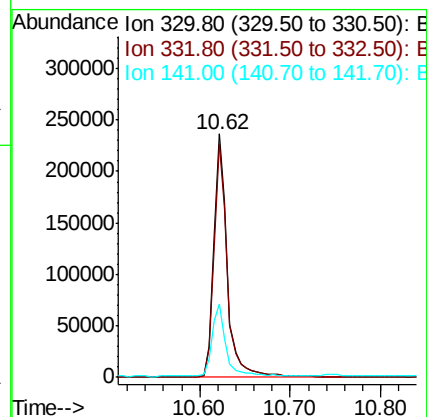
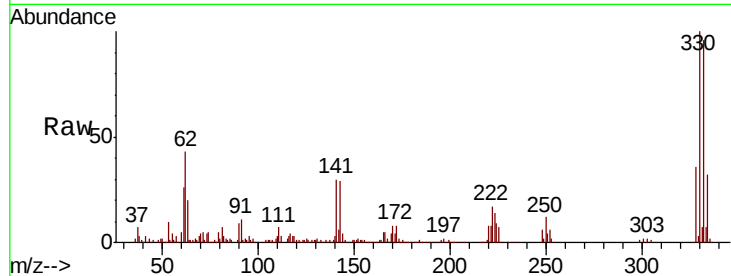




#42
 2,4,6-Tribromophenol
 Concen: 88.149 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF121205.D
 Acq: 6 Aug 2020 16:42

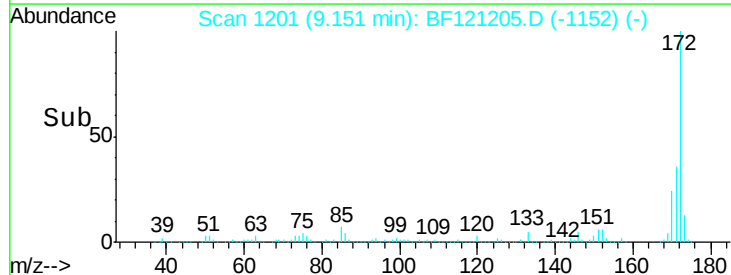
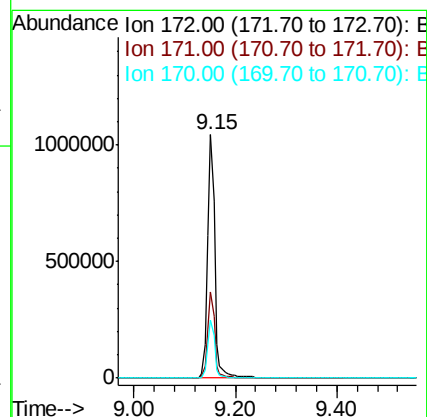
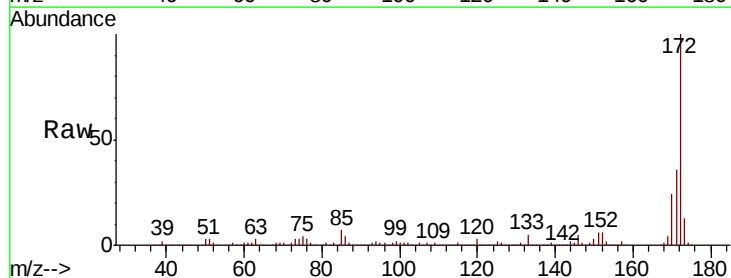
Instrument :
 BNA_F
 ClientSampleId :
 CHRT-22546

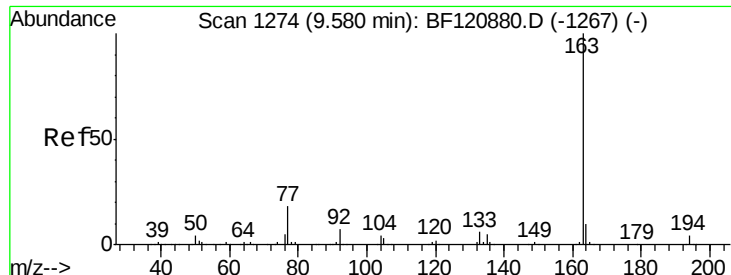
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.1	114.1
141	29.7	24.1	36.1



#45
 2-Fluorobiphenyl
 Concen: 59.698 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF121205.D
 Acq: 6 Aug 2020 16:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.4
170	23.9	19.6	29.4

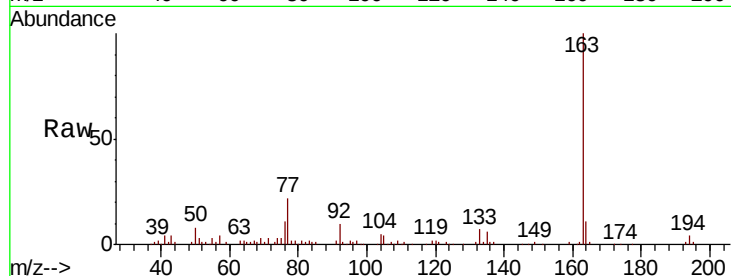




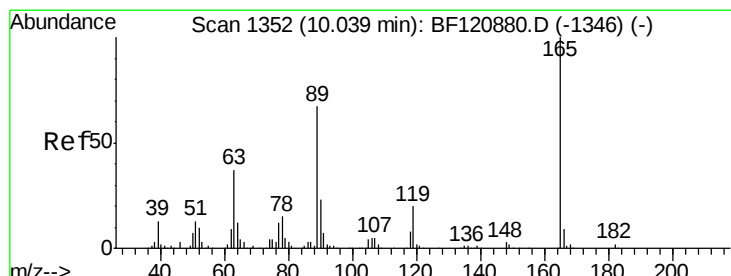
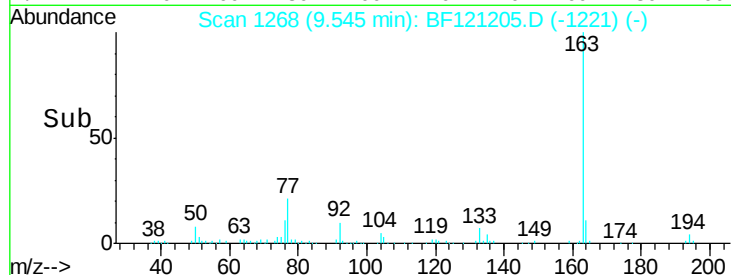
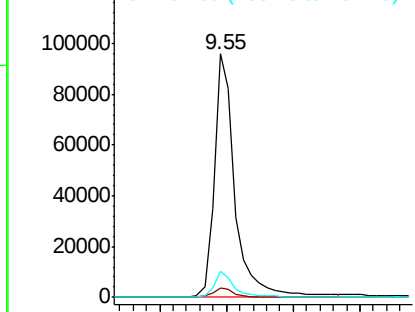
#50
Dimethylphthalate
Concen: 5.538 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF121205.D
Acq: 6 Aug 2020 16:42

Instrument :
BNA_F
ClientSampleId :
CHRT-22546

Tot Ion:163	Resp:	104270
Ion Ratio	Lower	Upper
163	100	
194	3.9	3.0 4.4
164	10.6	8.4 12.6

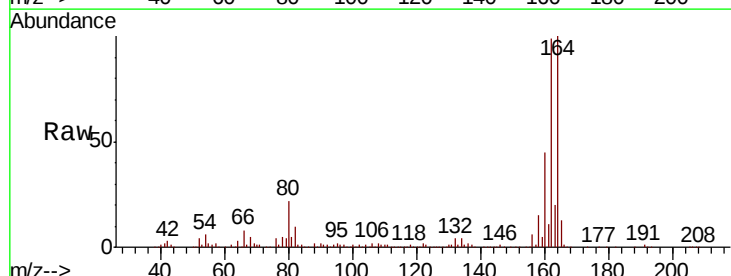


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

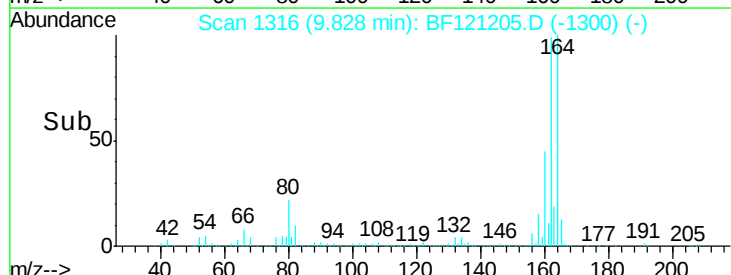
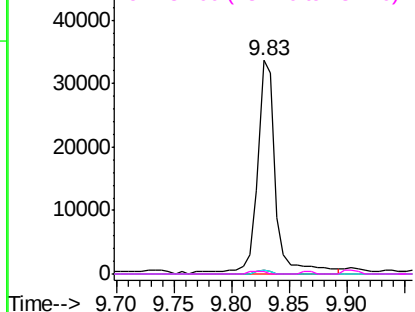


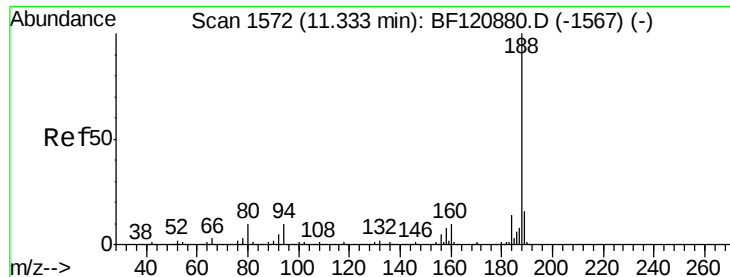
#57
2,4-Dinitrotoluene
Concen: 7.080 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.21 min
Lab File: BF121205.D
Acq: 6 Aug 2020 16:42

Tgt Ion:165	Resp:	37606
Ion Ratio	Lower	Upper
165	100	
63	1.6	29.8 44.8#
89	1.5	50.3 75.5#
182	1.0	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

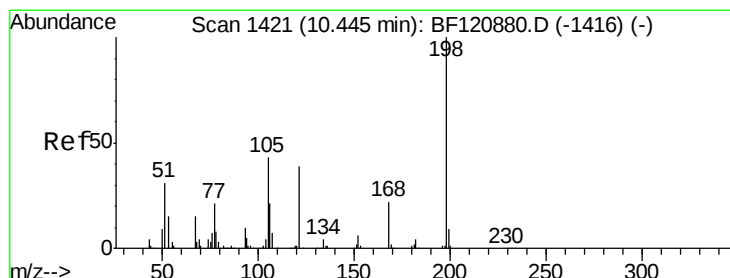
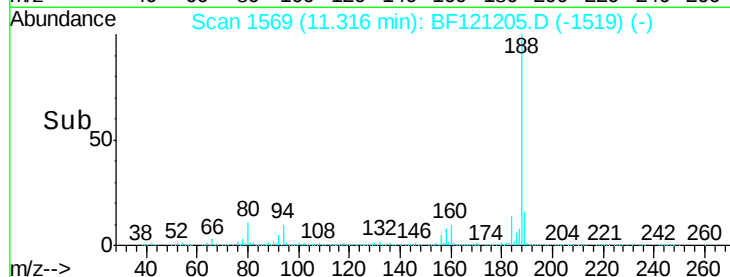
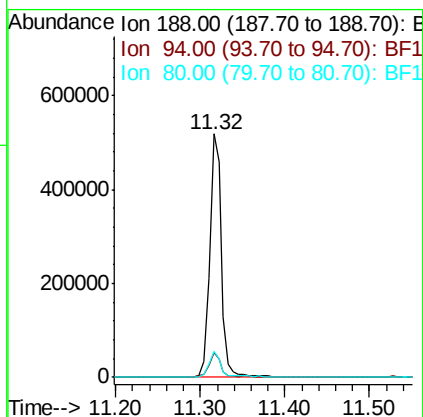
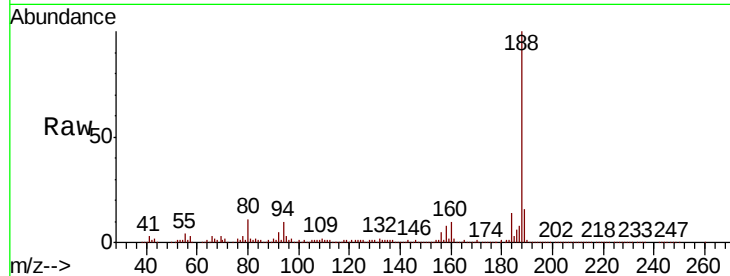




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF121205.D
 Acq: 6 Aug 2020 16:42

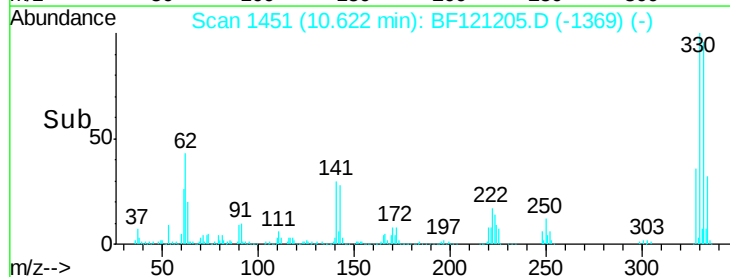
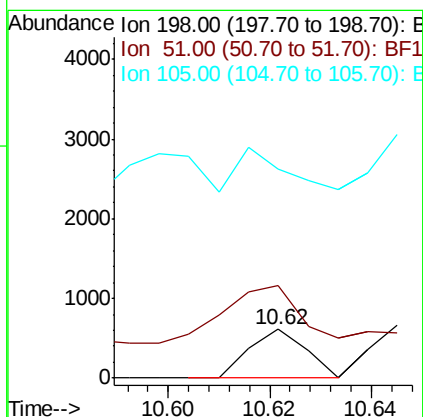
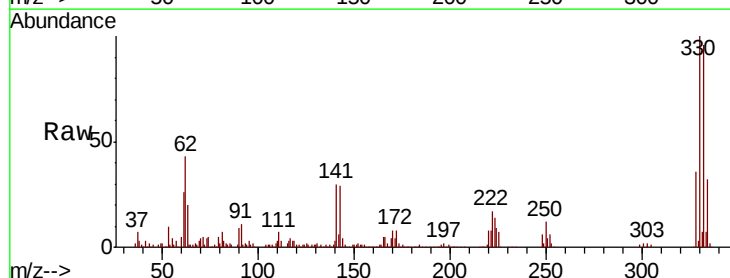
Instrument :
 BNA_F
 ClientSampleId :
 CHRT-22546

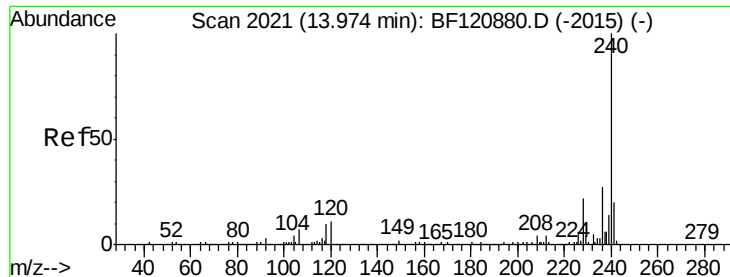
Tot Ion:188 Resp: 508644
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.0 12.0
 80 10.8 8.3 12.5



#65
 4,6-Dinitro-2-methylphenol
 Concen: 3.989 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.18 min
 Lab File: BF121205.D
 Acq: 6 Aug 2020 16:42

Tgt Ion:198 Resp: 470
 Ion Ratio Lower Upper
 198 100
 51 189.8 23.4 63.4#
 105 432.2 23.7 63.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF121205.D

Acq: 6 Aug 2020 16:42

Instrument :

BNA_F

ClientSampleId :

CHRT-22546

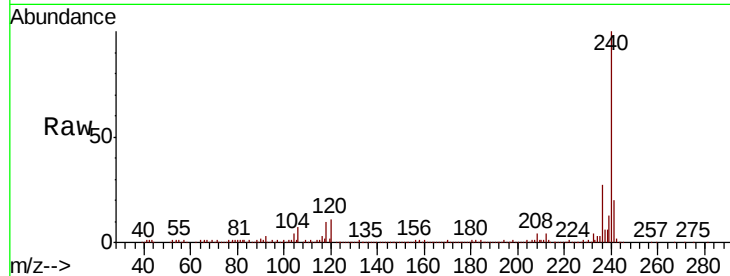
Tot Ion:240 Resp: 449013

Ion Ratio Lower Upper

240 100

120 11.1 9.3 13.9

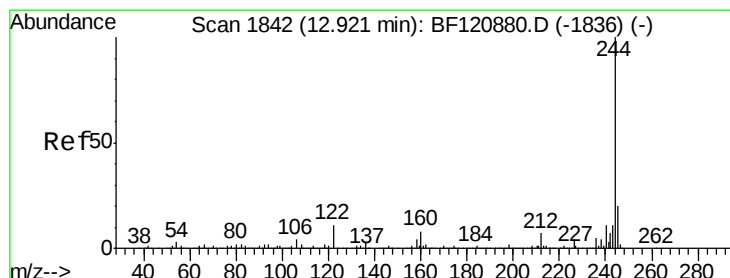
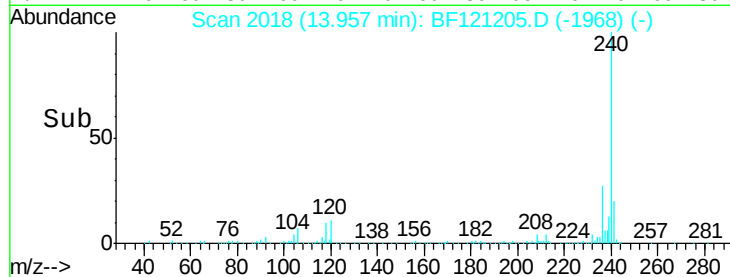
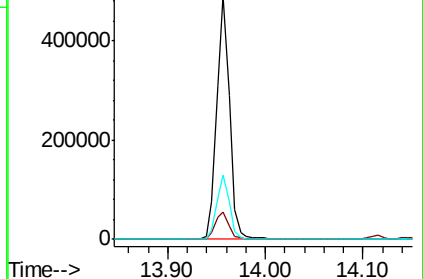
236 26.6 21.1 31.7



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: 52.702 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF121205.D

Acq: 6 Aug 2020 16:42

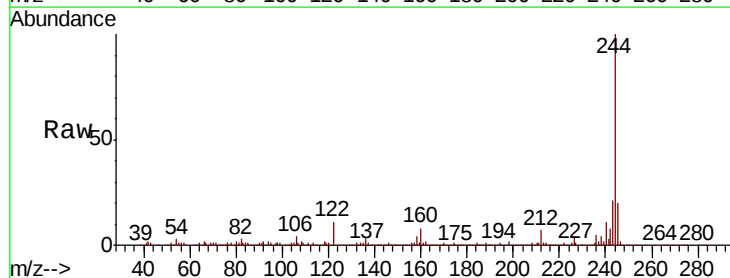
Tgt Ion:244 Resp: 1088600

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

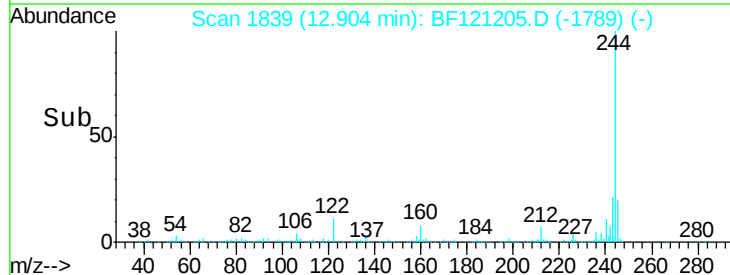
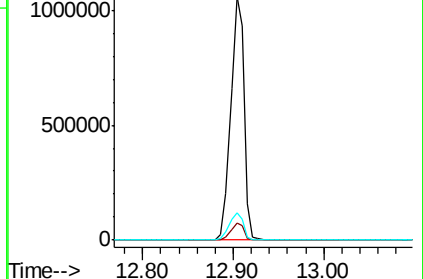
122 11.4 8.3 12.5

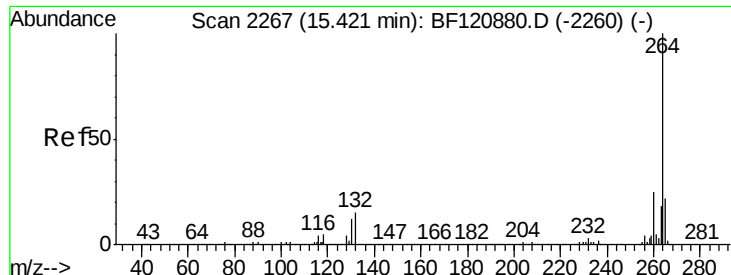


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

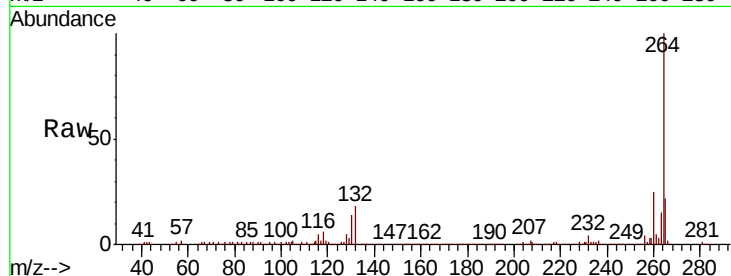




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.00 min
Lab File: BF121205.D
Acq: 6 Aug 2020 16:42

Instrument :
BNA_F
ClientSampleId :
CHRT-22546

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.9	29.9
265	22.0	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

