

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
 Data File : BF121342.D
 Acq On : 20 Aug 2020 12:39
 Operator : JU/CG
 Sample : L3712-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-26572

Quant Time: Aug 20 13:04:40 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	162049	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	619033	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	323106	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	594416	20.00	ng	0.00
76) Chrysene-d12	13.84	240	475123	20.00	ng	0.00
86) Perylene-d12	15.25	264	434240	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	791530	80.09	ng	0.00
7) Phenol-d6	6.33	99	999751	79.24	ng	0.00
23) Nitrobenzene-d5	7.26	82	628817	57.45	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	297166	78.92	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1133085	64.15	ng	0.00
79) Terphenyl-d14	12.80	244	1153616	47.45	ng	0.00

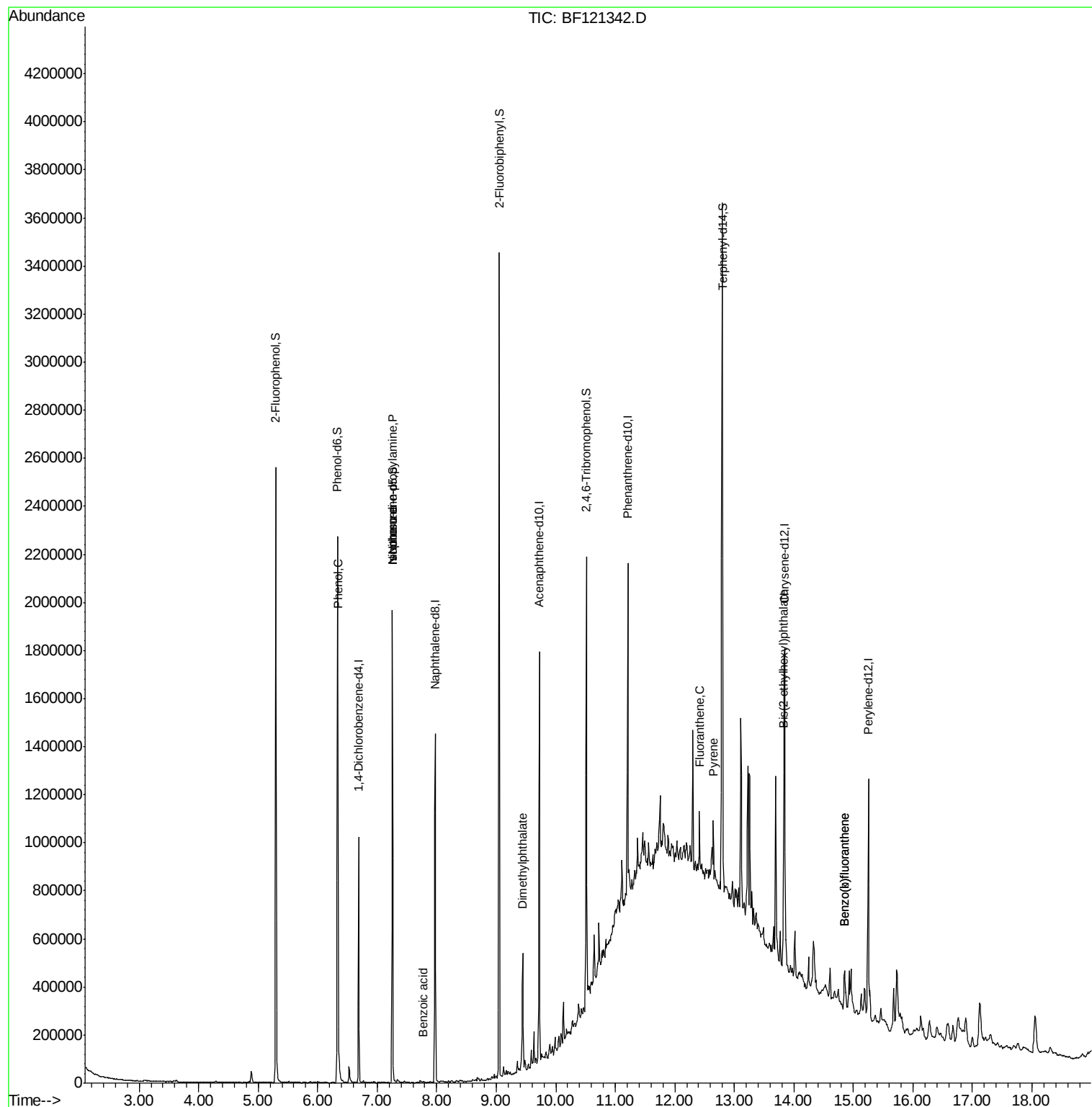
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.35	94	35583	2.690	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	81586	12.024	ng	# 77
25) Isophorone	7.26	82	624502	31.352	ng	# 65
32) Benzoic acid	7.76	122	233	7.097	ng	# 86
50) Dimethylphthalate	9.45	163	174356	7.417	ng	98
55) Dibenzofuran	9.93	168	1726	Below Cal	#	84
58) Fluorene	10.27	166	1374	Below Cal	#	66
61) 4-Chlorophenyl-phenylether	10.15	204	1260	Below Cal		96
75) Fluoranthene	12.42	202	90058	2.697	ng	95
78) Pyrene	12.65	202	117026	3.279	ng	98
84) Bis(2-ethylhexyl)phthalate	13.83	149	90596	5.023	ng	99
88) Benzo(b)fluoranthene	14.85	252	102102	3.640	ng	# 93
89) Benzo(k)fluoranthene	14.85	252	102102	4.135	ng	# 93

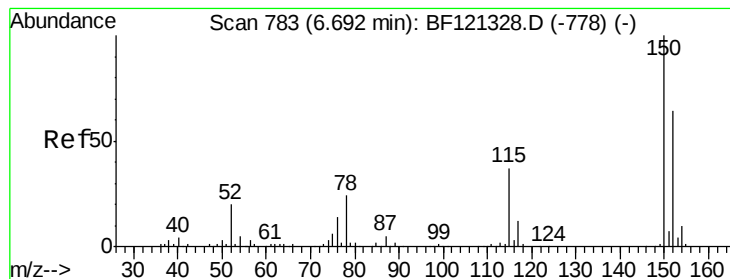
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
Data File : BF121342.D
Acq On : 20 Aug 2020 12:39
Operator : JU/CG
Sample : L3712-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-26572

Quant Time: Aug 20 13:04:40 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: BF121342.D

Acq: 20 Aug 2020 12:39

Instrument :

BNA_F

ClientSampleId :

CHRT-26572

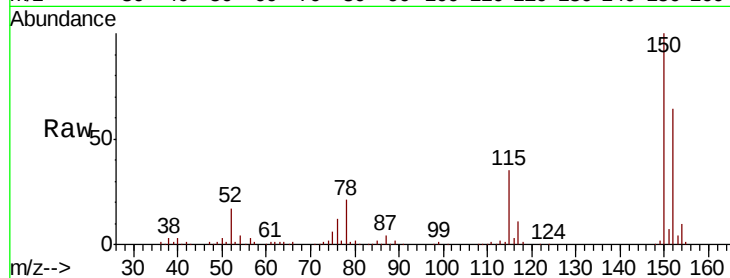
Tot Ion:152 Resp: 162049

Ion Ratio Lower Upper

152 100

150 156.3 124.8 187.2

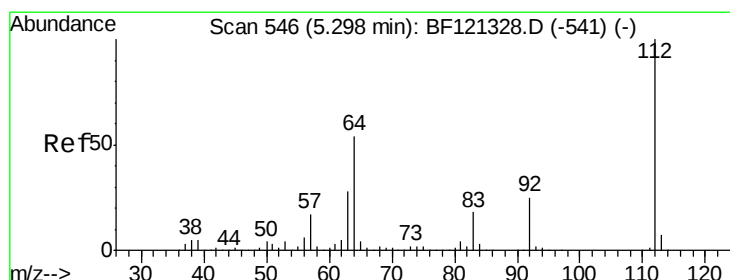
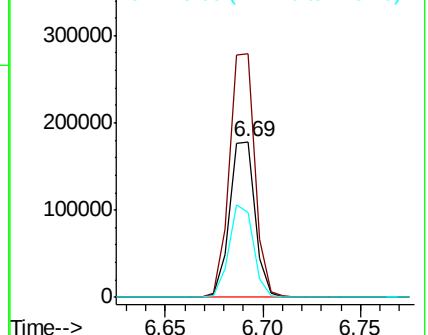
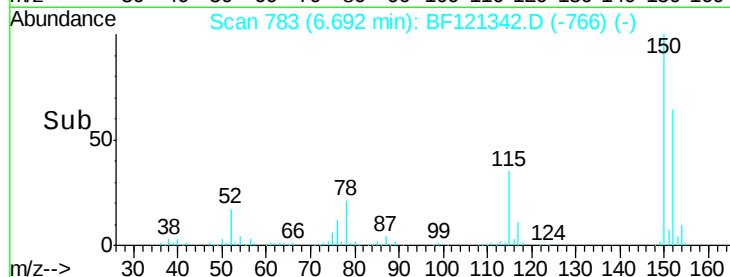
115 54.1 46.1 69.1



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: 80.093 ng

RT: 5.30 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF121342.D

Acq: 20 Aug 2020 12:39

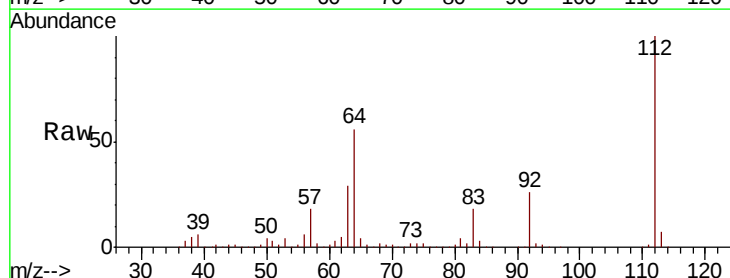
Tgt Ion:112 Resp: 791530

Ion Ratio Lower Upper

112 100

64 56.1 43.5 65.3

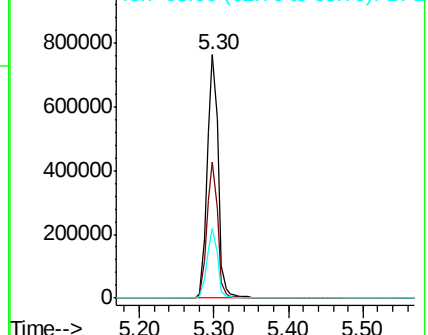
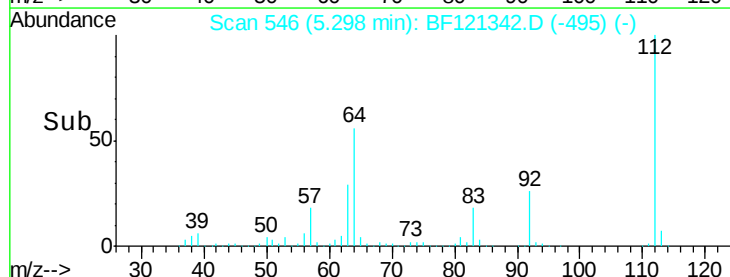
63 28.6 22.0 33.0



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: 79.244 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF121342.D

Acq: 20 Aug 2020 12:39

Instrument :

BNA_F

ClientSampled :

CHRT-26572

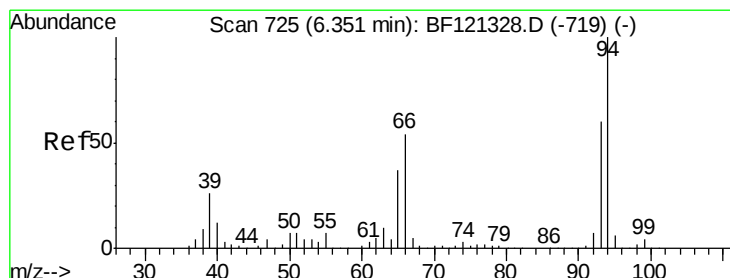
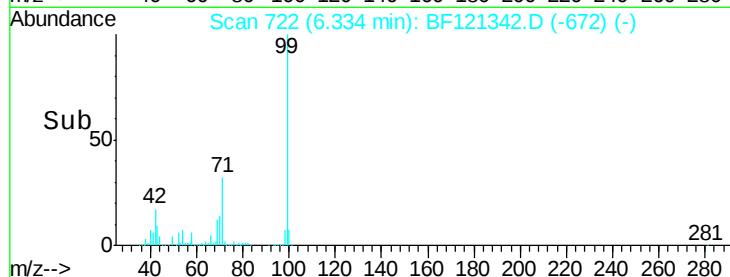
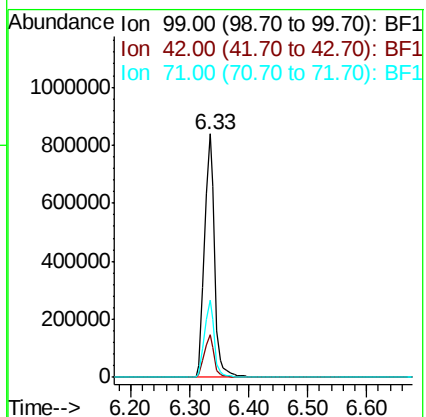
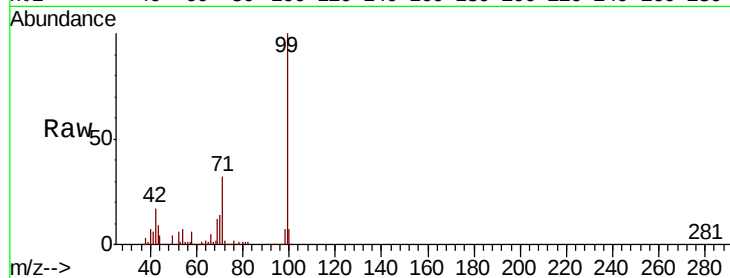
Tot Ion: 99 Resp: 999751

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

71 31.6 25.2 37.8



#10

Phenol

Concen: 2.690 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF121342.D

Acq: 20 Aug 2020 12:39

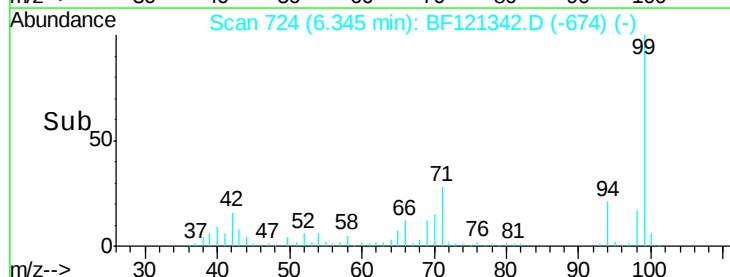
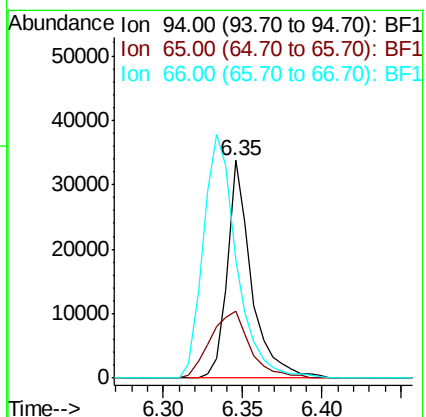
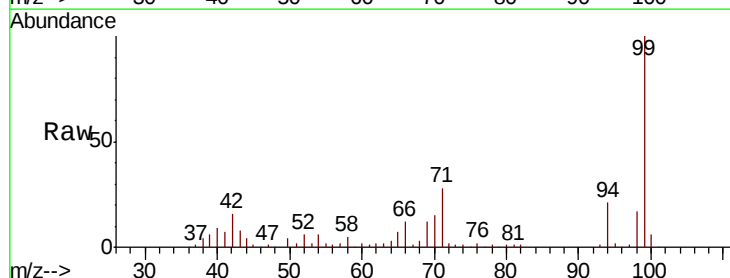
Tgt Ion: 94 Resp: 35583

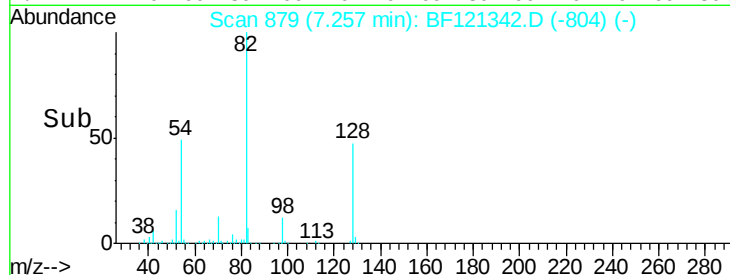
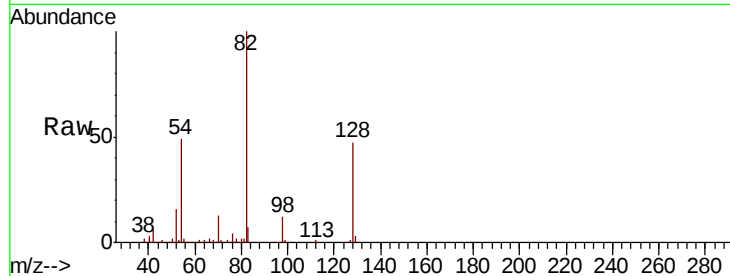
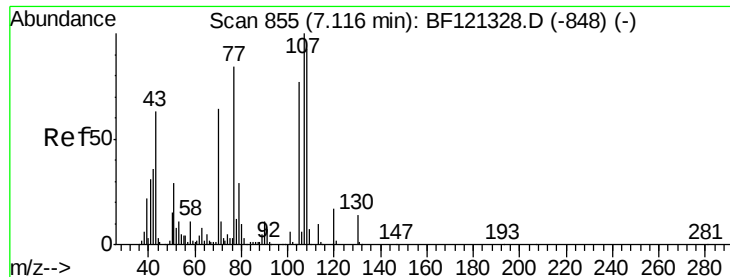
Ion Ratio Lower Upper

94 100

65 31.0 16.6 56.6

66 54.2 34.3 74.3

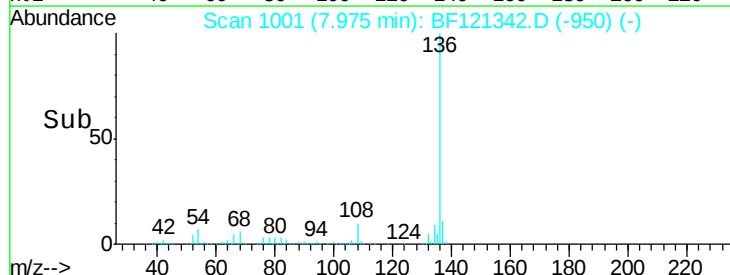
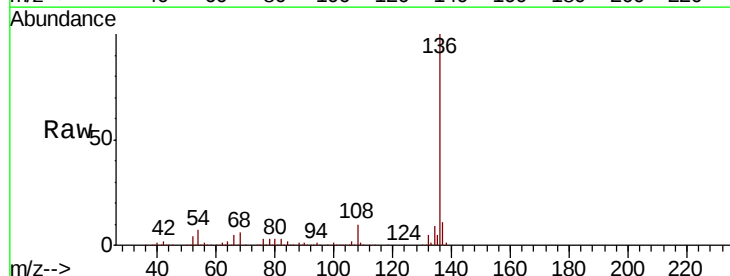
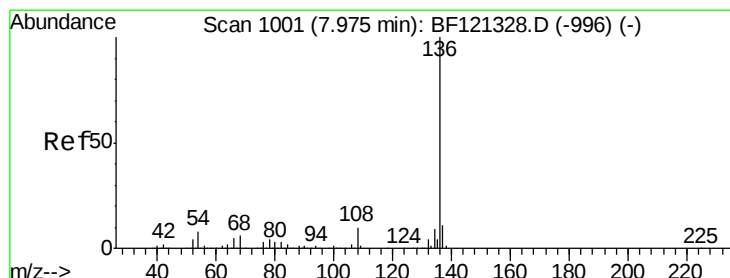
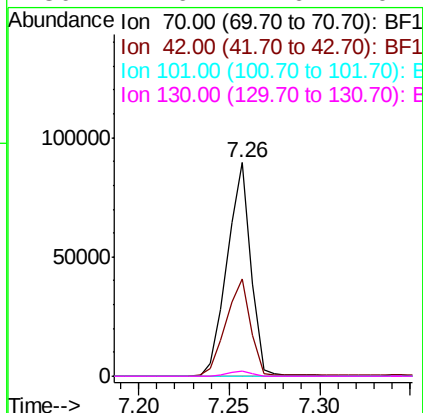




#19
n-Nitroso-di-n-propylamine
Concen: 12.024 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF121342.D
Acq: 20 Aug 2020 12:39

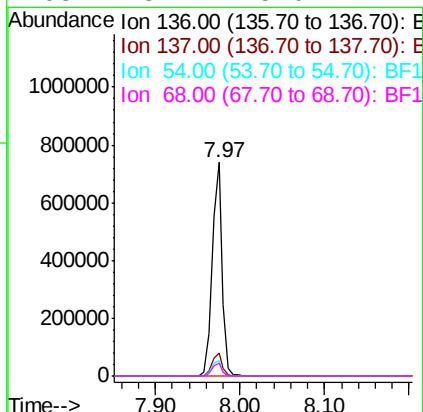
Instrument :
BNA_F
ClientSampleId :
CHRT-26572

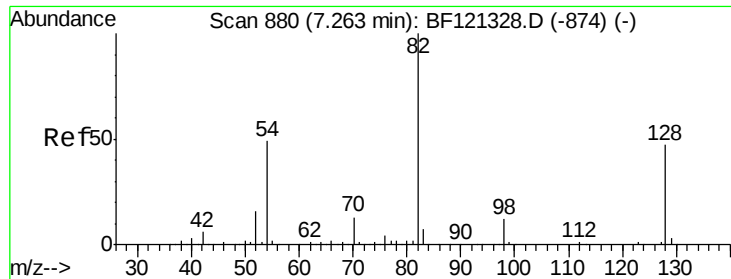
Tot Ion: 70 Resp: 81586
Ion Ratio Lower Upper
70 100
42 45.4 45.2 67.8
101 0.0 7.7 11.5#
130 2.6 17.6 26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF121342.D
Acq: 20 Aug 2020 12:39

Tgt Ion: 136 Resp: 619033
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.1 6.1 9.1
68 5.7 5.0 7.4

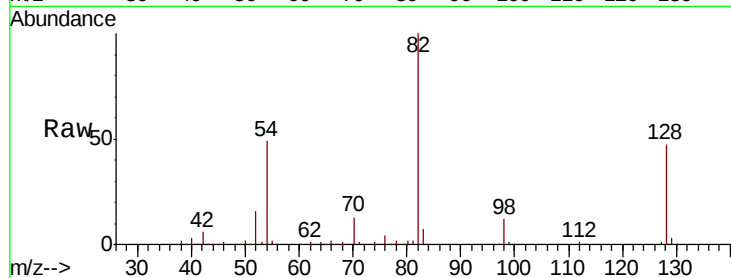




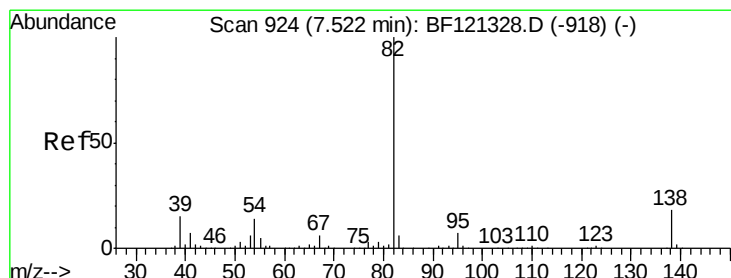
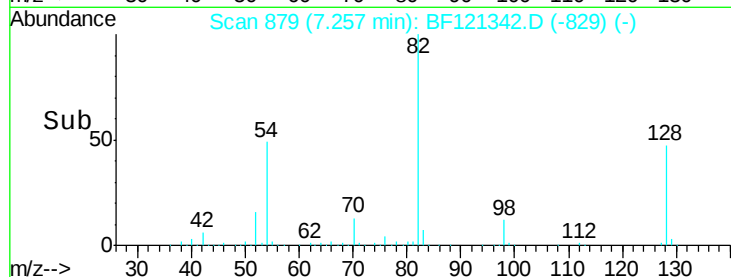
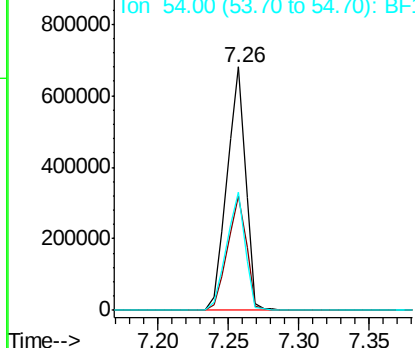
#23
 Nitrobenzene-d5
 Concen: 57.450 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF121342.D
 Acq: 20 Aug 2020 12:39

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-26572

Tot Ion	82	Resp	628817
Ion Ratio	Lower	Upper	
82	100		
128	47.0	37.9	56.9
54	48.7	39.0	58.4

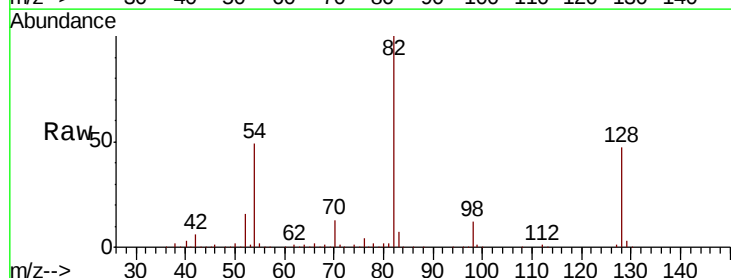


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

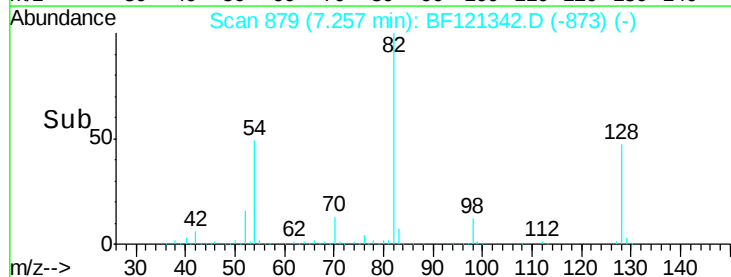
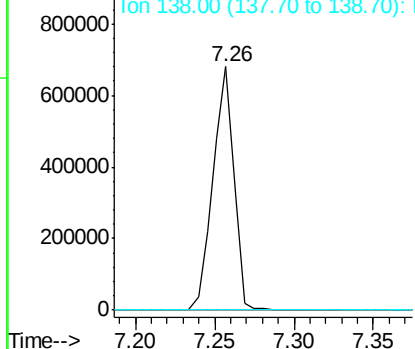


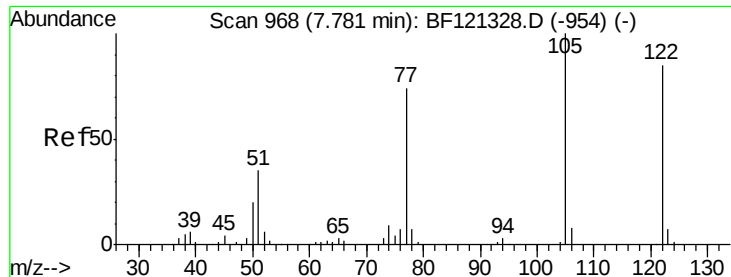
#25
 Isophorone
 Concen: 31.352 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.26 min
 Lab File: BF121342.D
 Acq: 20 Aug 2020 12:39

Tgt Ion	82	Resp	624502
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

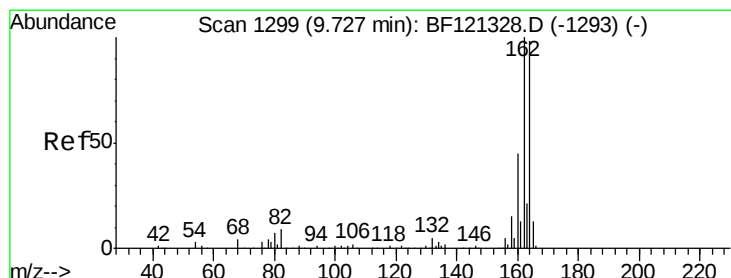
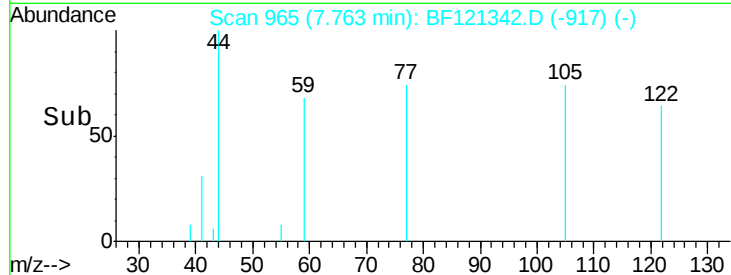
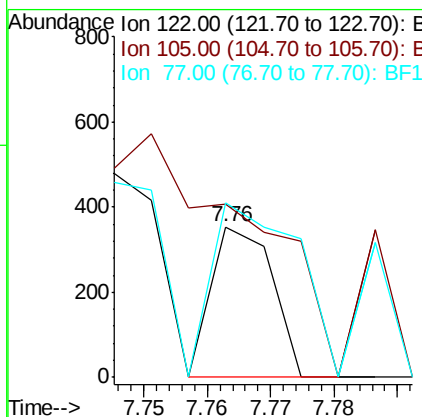
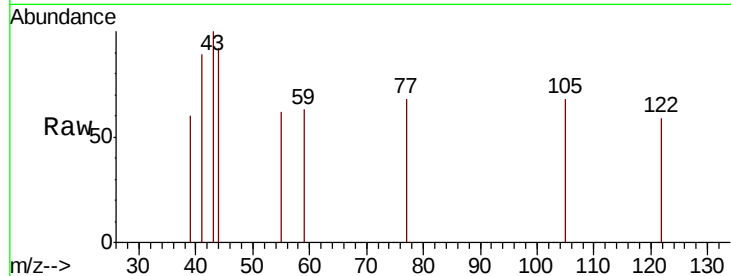




#32
Benzoic acid
Concen: 7.097 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BF121342.D
Acq: 20 Aug 2020 12:39

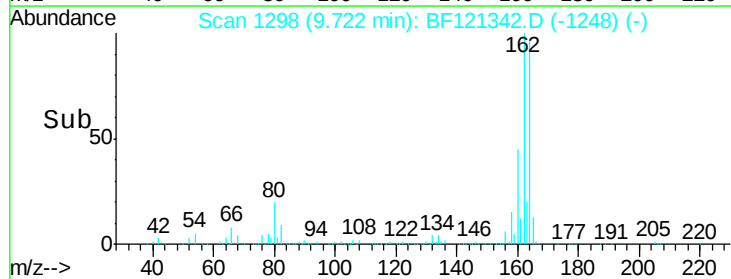
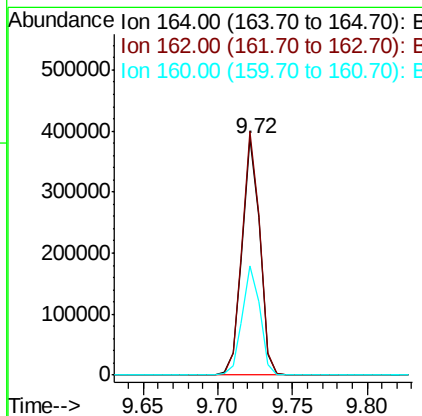
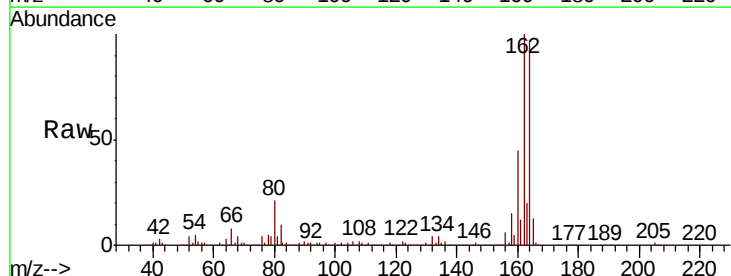
Instrument :
BNA_F
ClientSampleId :
CHRT-26572

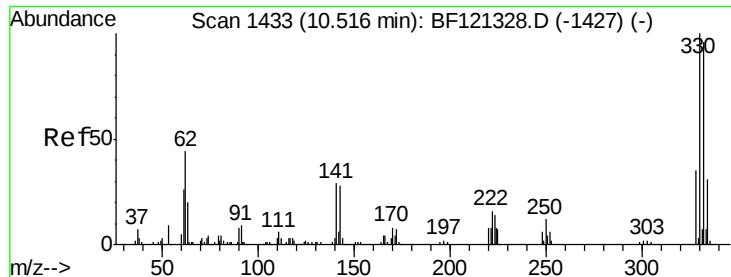
Tot Ion:122	Resp:	233	
Ion Ratio	Lower	Upper	
122 100			
105 115.0	96.7	136.7	
77 115.8	66.7	106.7#	



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF121342.D
Acq: 20 Aug 2020 12:39

Tgt	Ion:164	Resp:	323106
Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.7	122.5
160	46.1	37.0	55.4

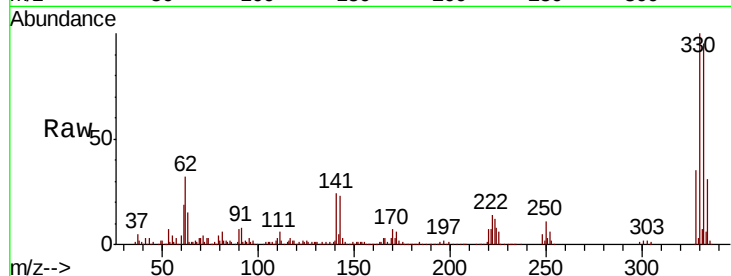




#42
 2,4,6-Tribromophenol
 Concen: 78.924 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF121342.D
 Acq: 20 Aug 2020 12:39

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-26572

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.9	115.3
141	28.0	22.8	34.2

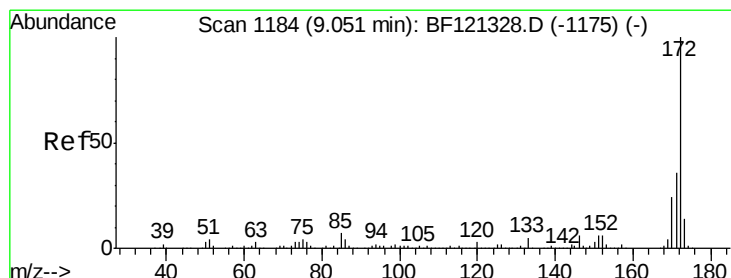
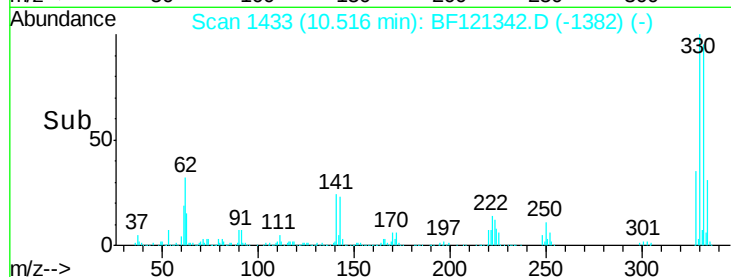
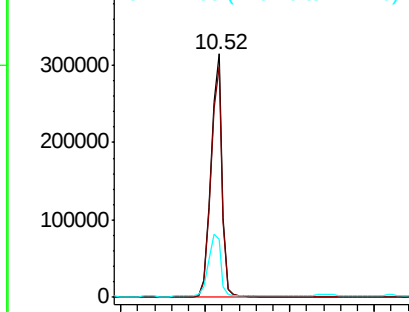


Abundance

Ion 329.80 (329.50 to 330.50): E

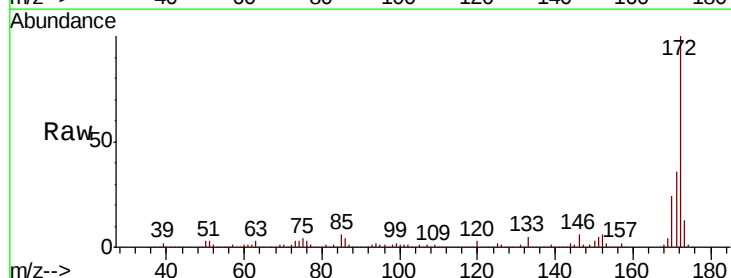
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 64.150 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF121342.D
 Acq: 20 Aug 2020 12:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.3	19.4	29.2

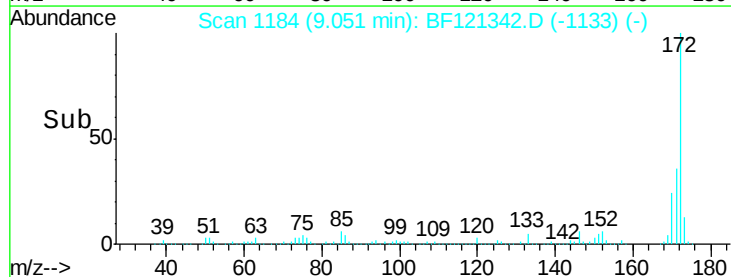
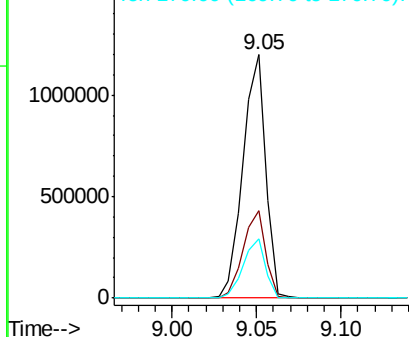


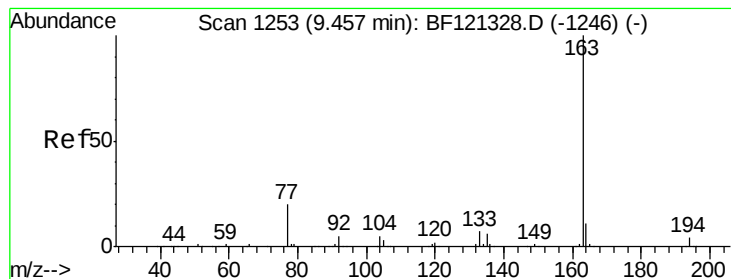
Abundance

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: 7.417 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF121342.D

Acq: 20 Aug 2020 12:39

Instrument :

BNA_F

ClientSampleId :

CHRT-26572

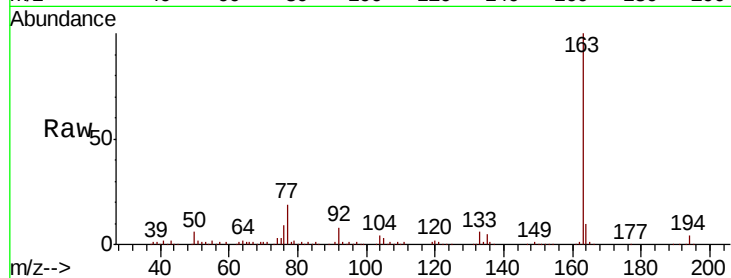
Tot Ion:163 Resp: 174356

Ion Ratio Lower Upper

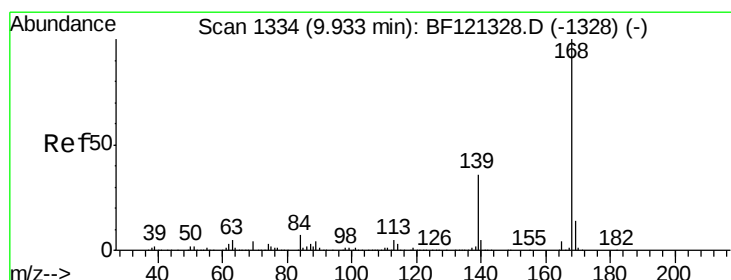
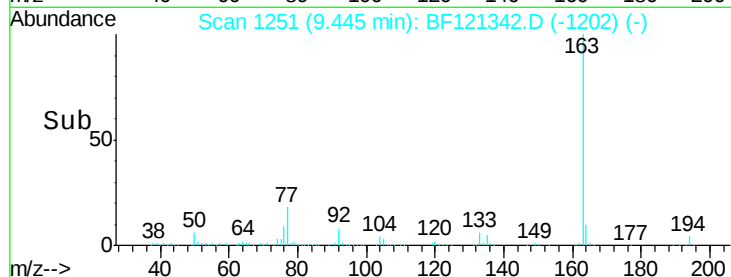
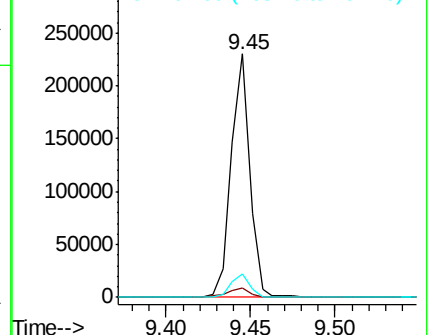
163 100

194 4.0 3.0 4.6

164 9.6 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



#55

Dibenzofuran

Concen: Below Cal

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF121342.D

Acq: 20 Aug 2020 12:39

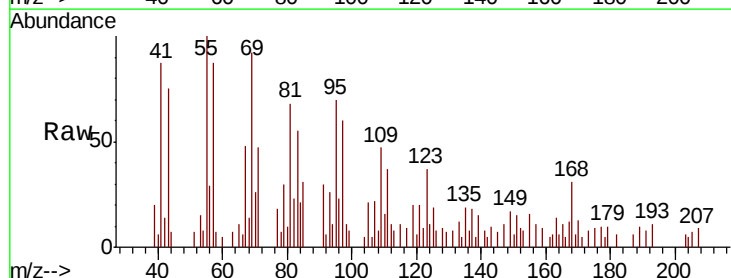
Tgt Ion:168 Resp: 1726

Ion Ratio Lower Upper

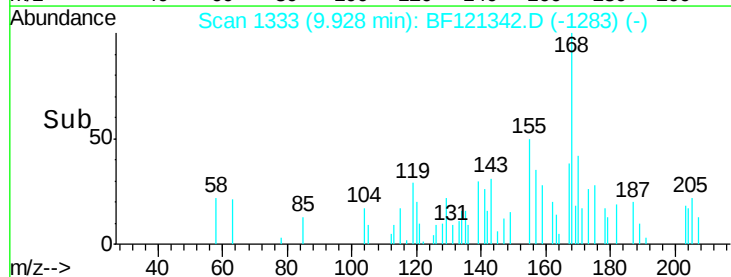
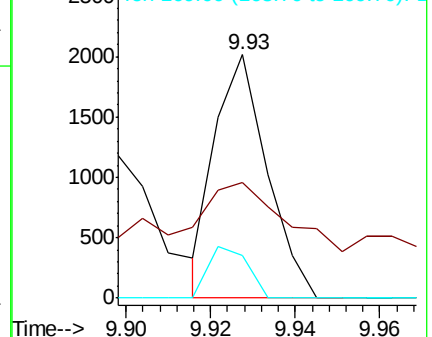
168 100

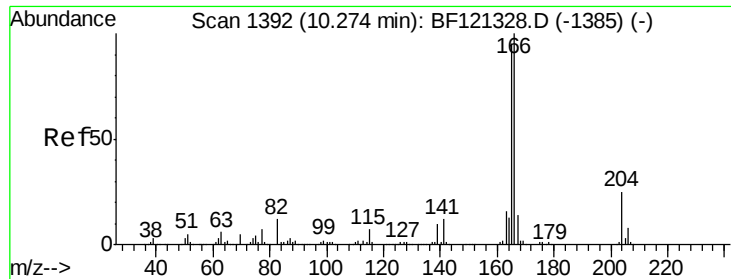
139 47.5 29.1 43.7#

169 17.6 11.0 16.6#



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#58

Fluorene

Concen: Below Cal

RT: 10.27 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BF121342.D

Acq: 20 Aug 2020 12:39

Instrument :

BNA_F

ClientSampleId :

CHRT-26572

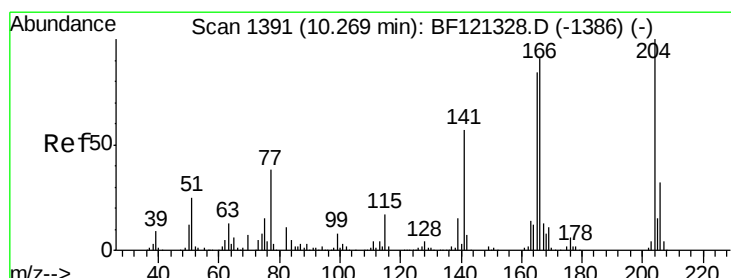
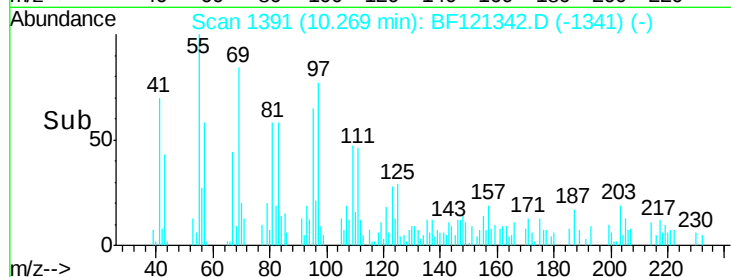
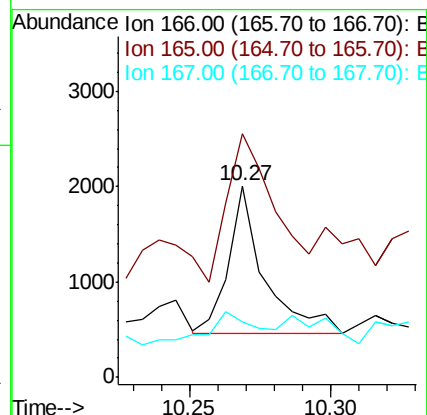
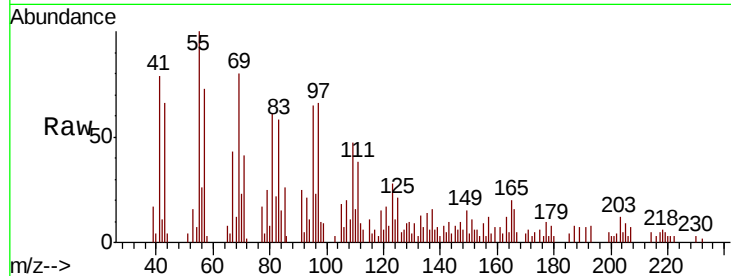
Tot Ion:166 Resp: 1374

Ion Ratio Lower Upper

166 100

165 127.3 75.8 113.8#

167 28.8 11.0 16.4#



#61

4-Chlorophenyl-phenylether

Concen: Below Cal

RT: 10.15 min Scan# 1370

Delta R.T. -0.12 min

Lab File: BF121342.D

Acq: 20 Aug 2020 12:39

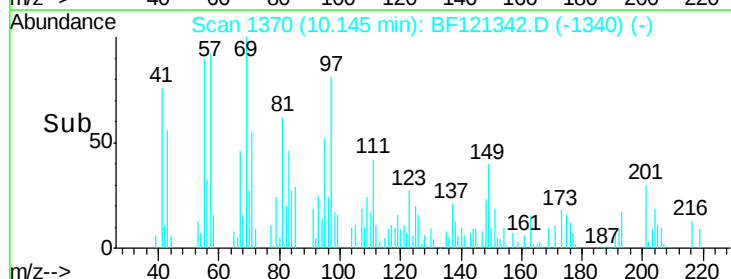
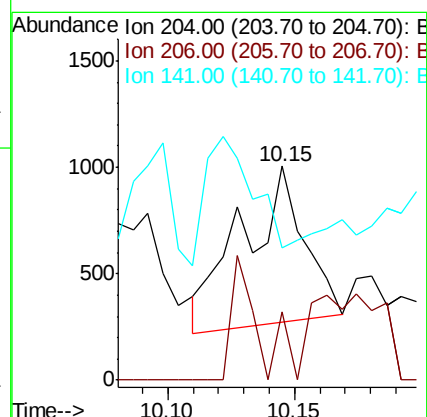
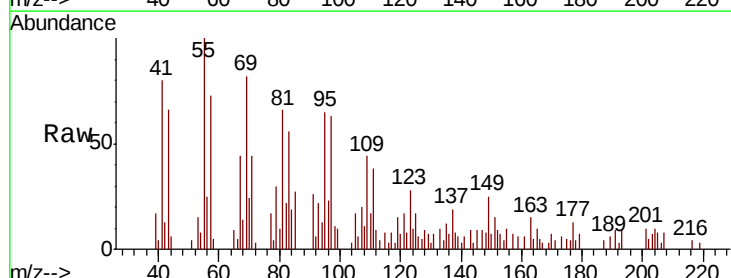
Tgt Ion:204 Resp: 1260

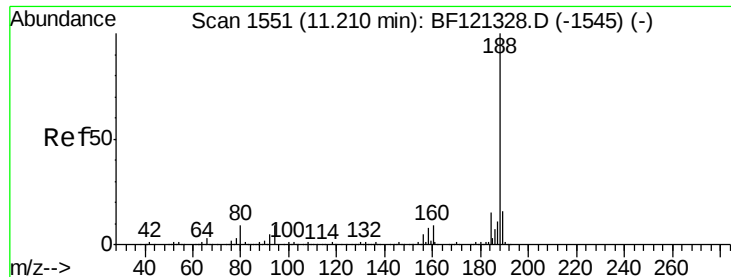
Ion Ratio Lower Upper

204 100

206 32.1 25.9 38.9

141 61.7 45.5 68.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BF121342.D

Acq: 20 Aug 2020 12:39

Instrument :

BNA_F

ClientSampleId :

CHRT-26572

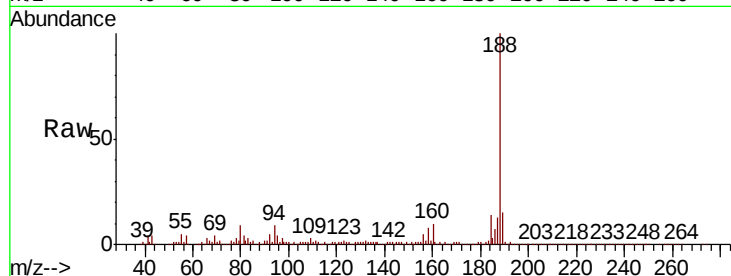
Tot Ion:188 Resp: 594416

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

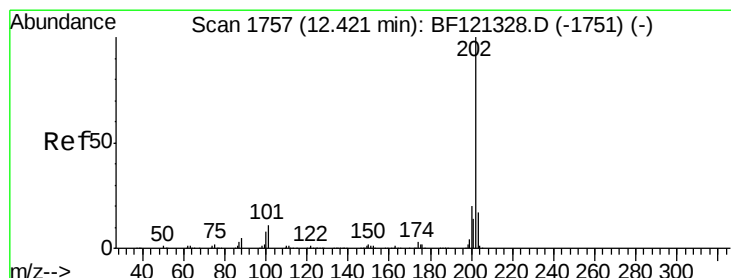
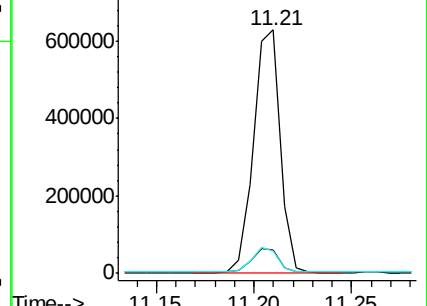
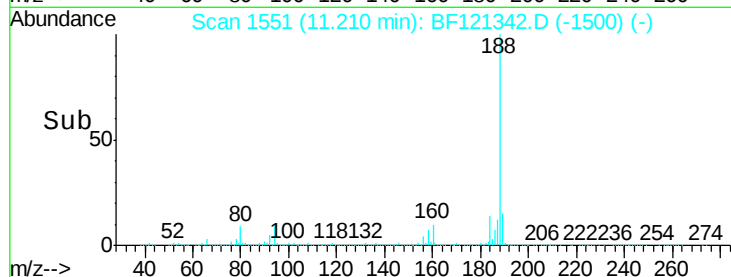
80 9.1 7.4 11.0



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



#75

Fluoranthene

Concen: 2.697 ng

RT: 12.42 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BF121342.D

Acq: 20 Aug 2020 12:39

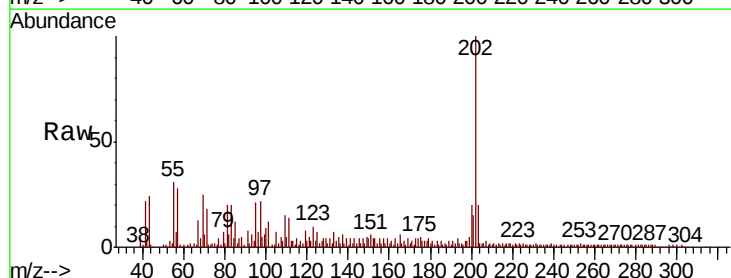
Tgt Ion:202 Resp: 90058

Ion Ratio Lower Upper

202 100

101 12.3 0.0 30.6

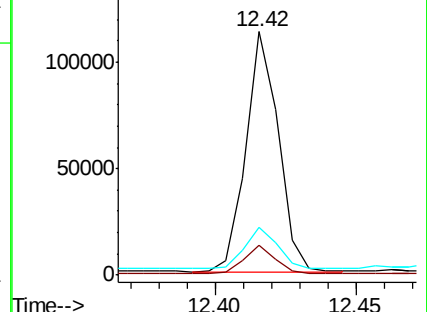
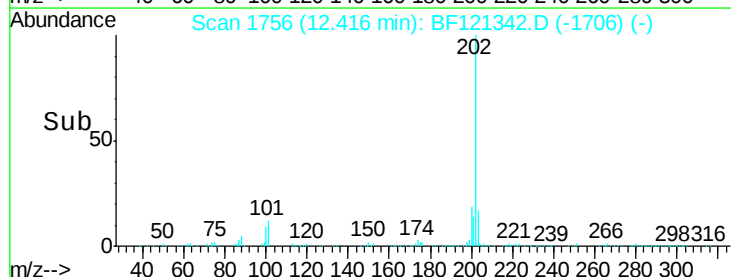
203 19.9 0.0 37.5

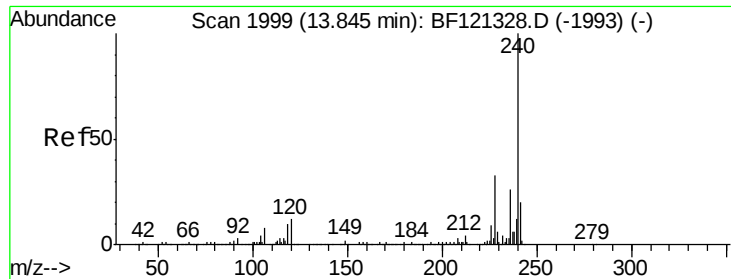


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF121342.D

Acq: 20 Aug 2020 12:39

Instrument :

BNA_F

ClientSampleId :

CHRT-26572

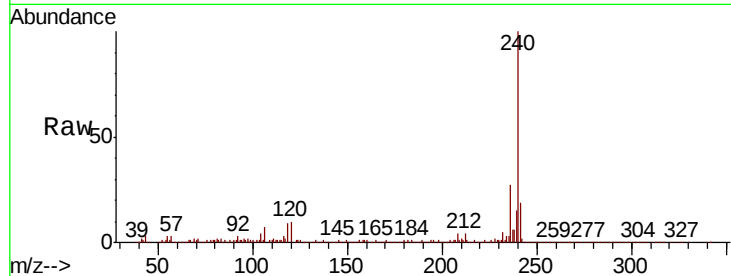
Tot Ion:240 Resp: 475123

Ion Ratio Lower Upper

240 100

120 10.4 9.6 14.4

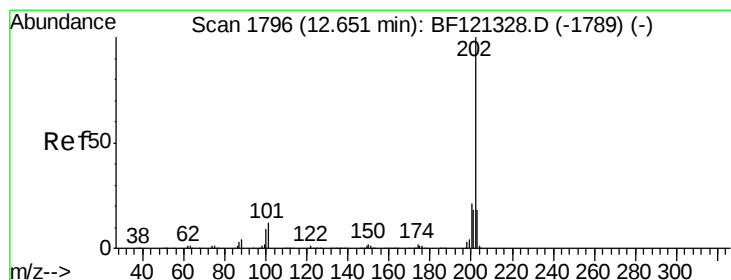
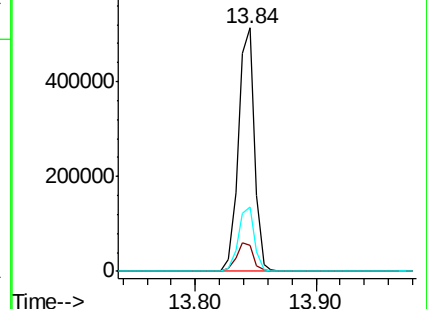
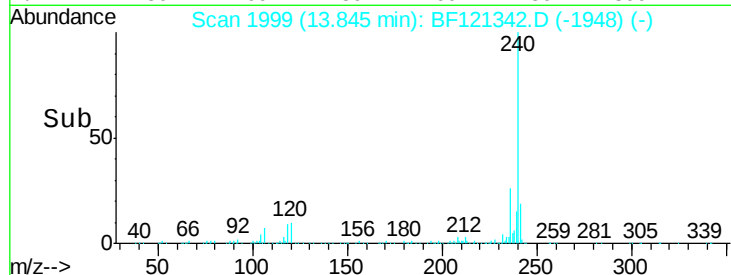
236 26.5 20.6 31.0



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



#78

Pyrene

Concen: 3.279 ng

RT: 12.65 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF121342.D

Acq: 20 Aug 2020 12:39

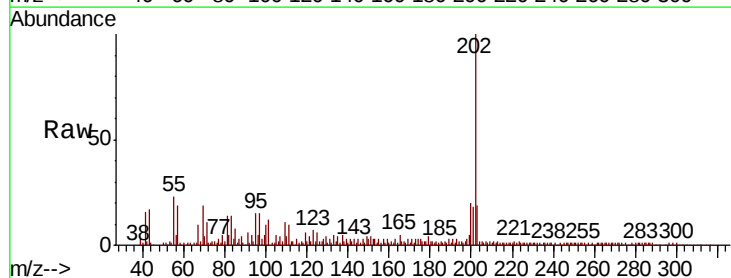
Tgt Ion:202 Resp: 117026

Ion Ratio Lower Upper

202 100

200 19.8 16.6 24.8

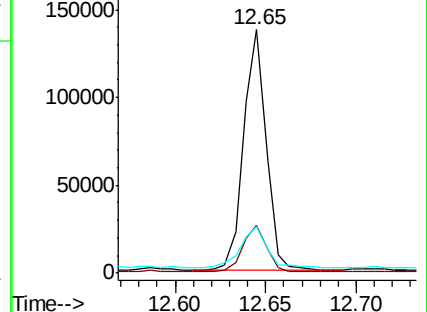
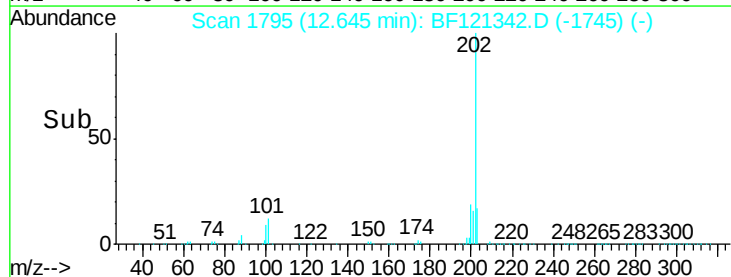
203 19.0 14.2 21.2

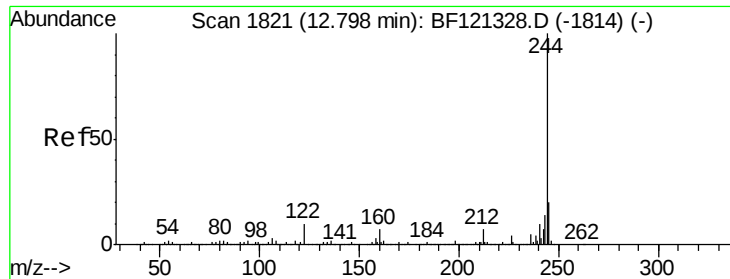


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 47.448 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF121342.D

Acq: 20 Aug 2020 12:39

Instrument :

BNA_F

ClientSampled :

CHRT-26572

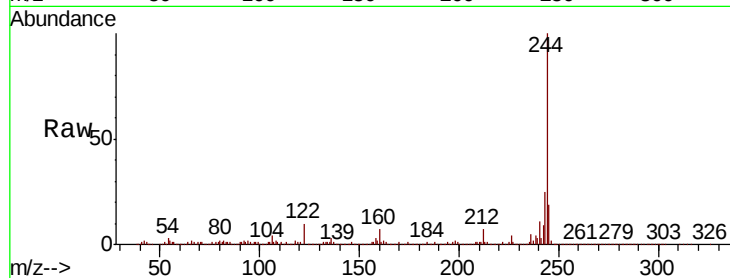
Tot Ion:244 Resp: 1153616

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.2	7.8	11.8

244 100

212 7.0 5.4 8.0

122 10.2 7.8 11.8

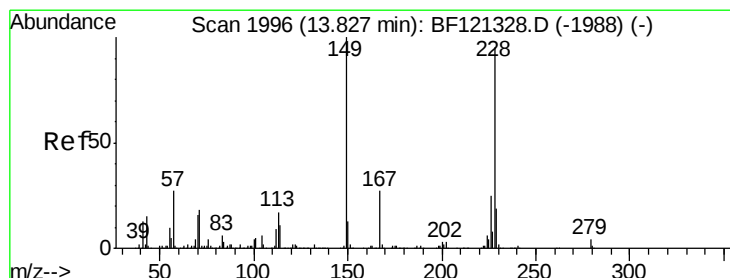
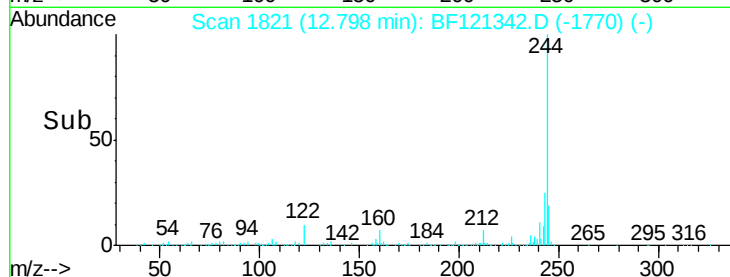
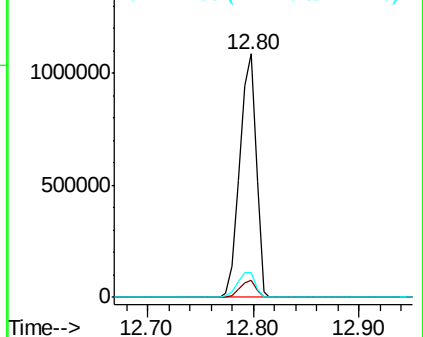


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.023 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF121342.D

Acq: 20 Aug 2020 12:39

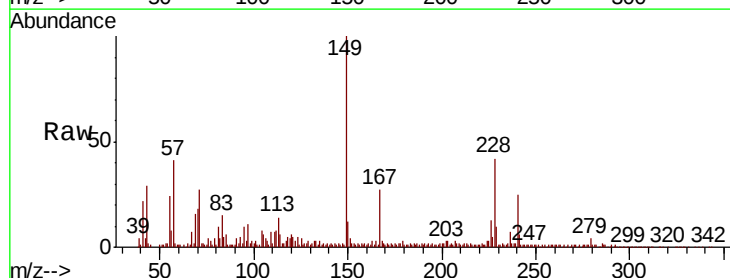
Tgt Ion:149 Resp: 90596

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.5	32.3
279	3.9	2.9	4.3

149 100

167 26.6 21.5 32.3

279 3.9 2.9 4.3

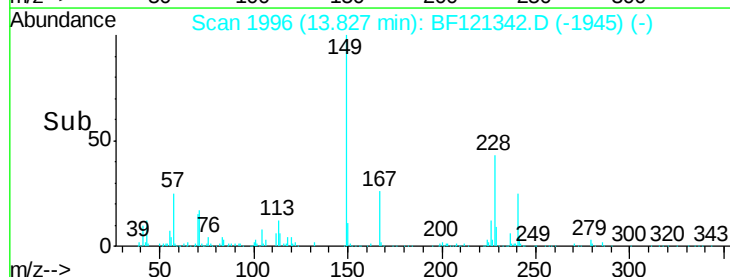
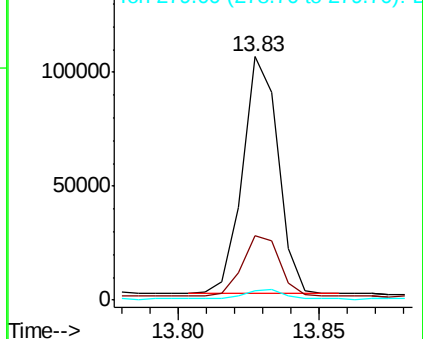


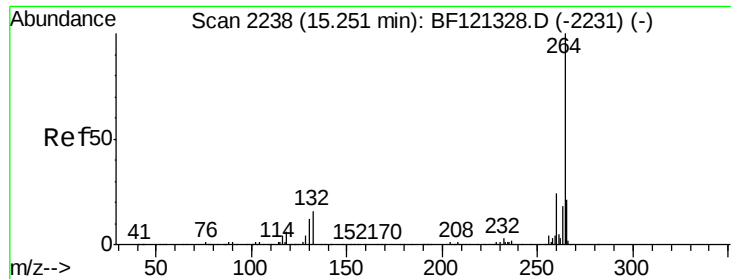
Abundance

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

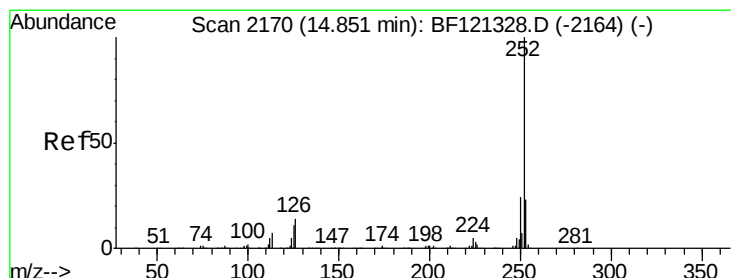
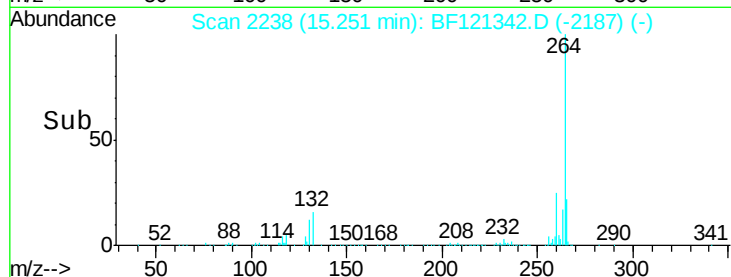
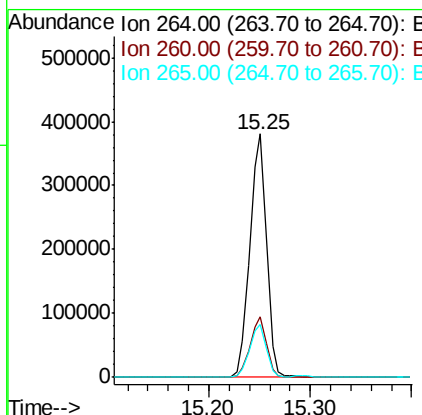
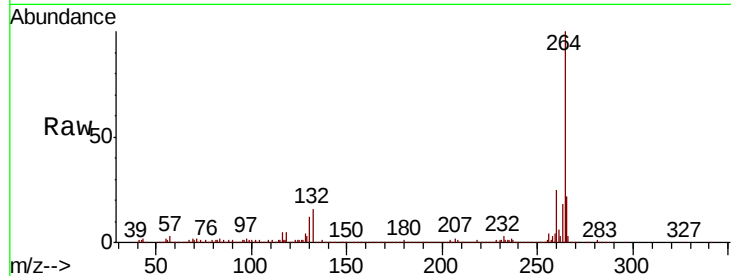




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF121342.D
Acq: 20 Aug 2020 12:39

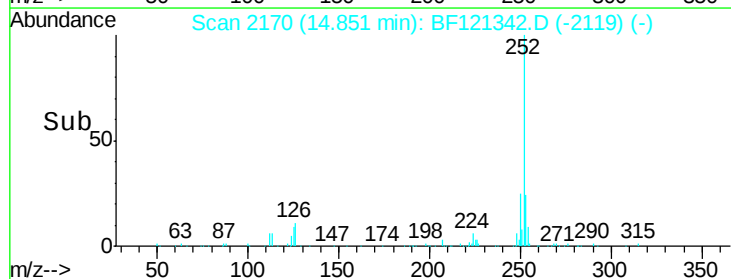
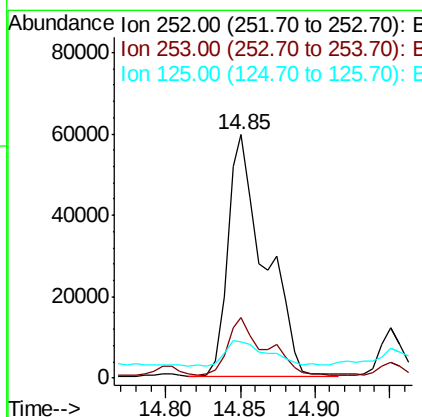
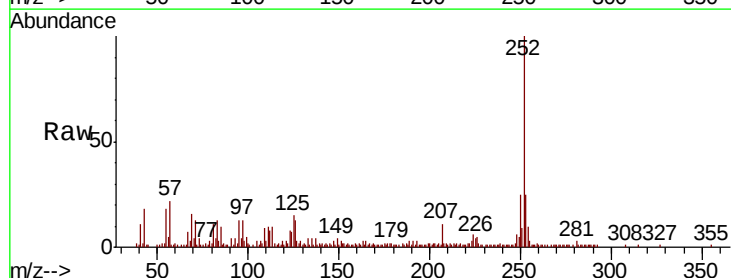
Instrument :
BNA_F
ClientSampleId :
CHRT-26572

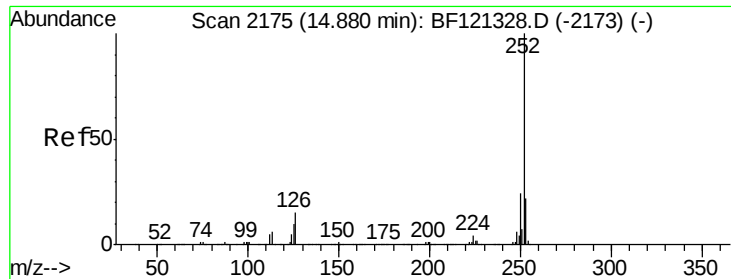
Tot Ion:264 Resp: 434240
Ion Ratio Lower Upper
264 100
260 24.7 19.5 29.3
265 22.0 17.1 25.7



#88
Benzo(b)fluoranthene
Concen: 3.640 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF121342.D
Acq: 20 Aug 2020 12:39

Tgt Ion:252 Resp: 102102
Ion Ratio Lower Upper
252 100
253 25.0 18.0 27.0
125 14.8 8.6 12.8#





#89
 Benzo(k)fluoranthene
 Concen: 4.135 ng
 RT: 14.85 min Scan# 2170
 Delta R.T. -0.03 min
 Lab File: BF121342.D
 Acq: 20 Aug 2020 12:39

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-26572

Tot Ion	Ion	Ratio	Lower	Upper
252	100			
253	25.0	17.9	26.9	
125	14.8	8.6	12.8	

