

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
 Data File : BF121337.D
 Acq On : 20 Aug 2020 10:08
 Operator : JU/CG
 Sample : L3712-11 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-25433

Quant Time: Aug 20 11:10:47 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

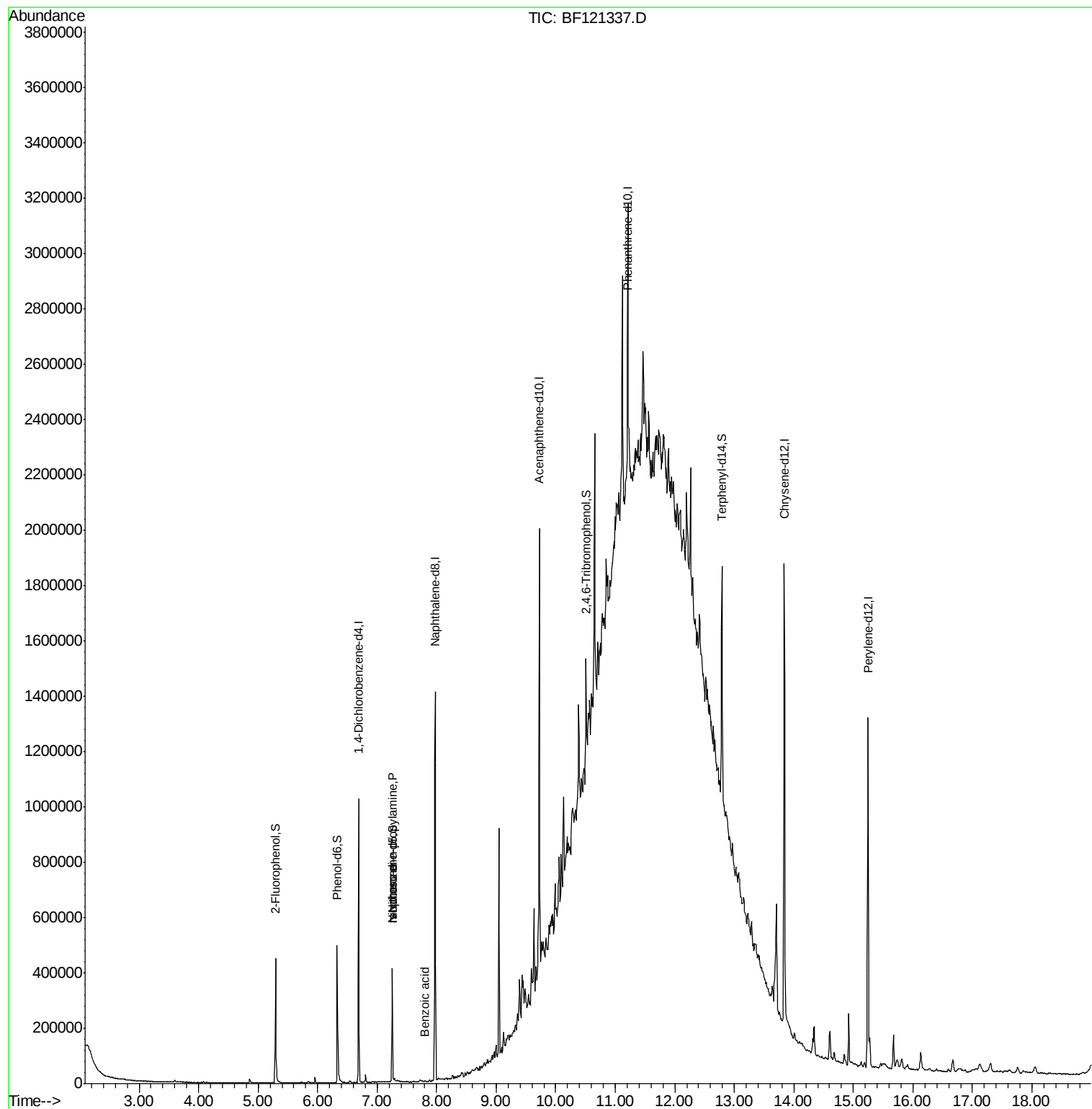
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	154620	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	598232	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	309044	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	511864	20.00	ng	0.00
76) Chrysene-d12	13.84	240	570426	20.00	ng	0.00
86) Perylene-d12	15.24	264	530022	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	155946	16.54	ng	0.00
7) Phenol-d6	6.33	99	191793	15.93	ng	-0.01
23) Nitrobenzene-d5	7.25	82	111527	10.54	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	53453	14.84	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	217191	0.66	ng	0.00
79) Terphenyl-d14	12.79	244	255075	8.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	14489	2.238	ng	# 78
25) Isophorone	7.25	82	111525	5.794	ng	# 65
32) Benzoic acid	7.79	122	132	7.084	ng	# 94
55) Dibenzofuran	9.93	168	4395	Below Cal	#	34
58) Fluorene	10.27	166	4408	Below Cal	#	41
61) 4-Chlorophenyl-phenylether	10.28	204	2859	Below Cal	#	1

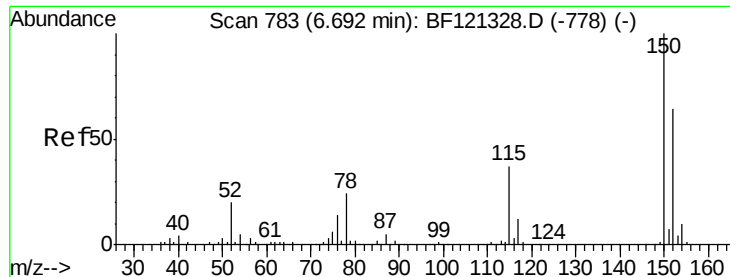
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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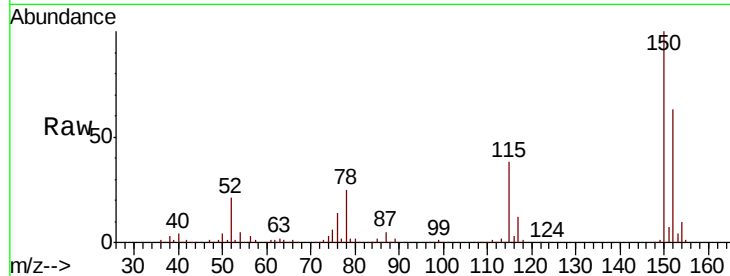


#1

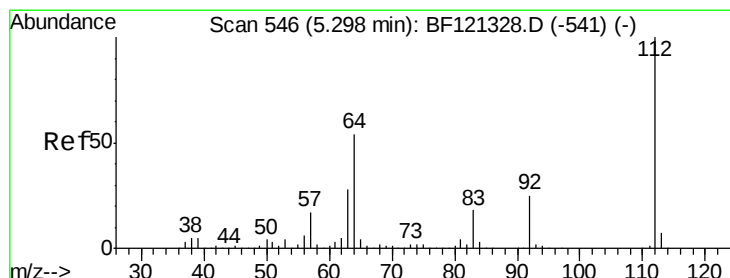
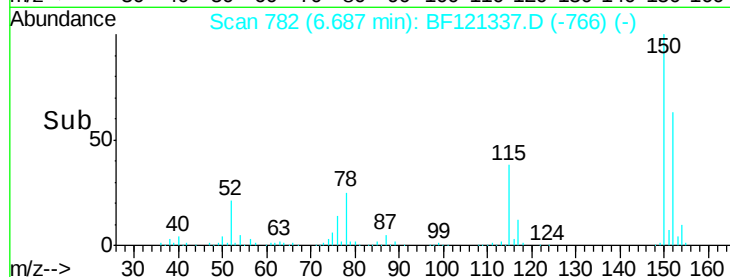
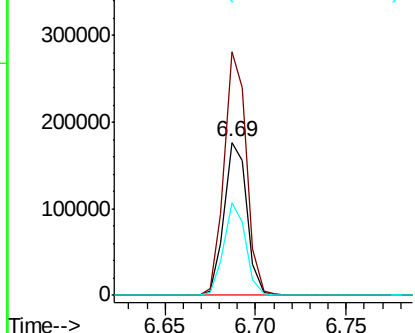
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF121337.D
 Acq: 20 Aug 2020 10:08

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-25433

Tot Ion:152 Resp: 154620
 Ion Ratio Lower Upper
 152 100
 150 159.3 124.8 187.2
 115 60.2 46.1 69.1



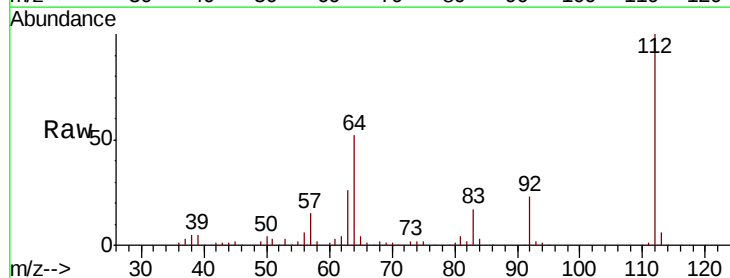
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



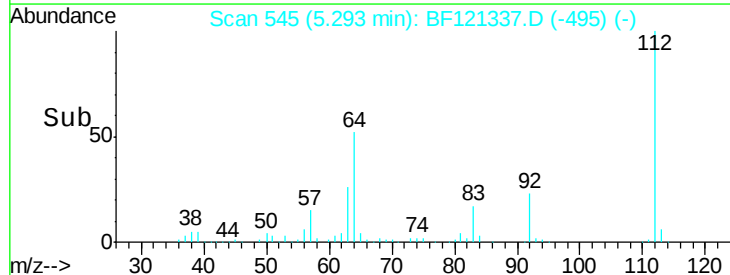
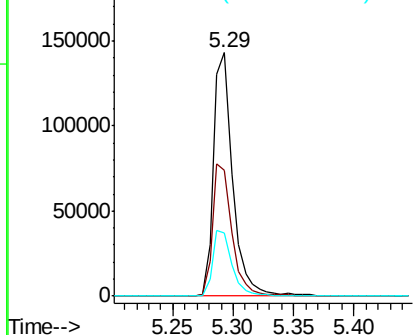
#5

2-Fluorophenol
 Concen: 16.538 ng
 RT: 5.29 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: BF121337.D
 Acq: 20 Aug 2020 10:08

Tgt Ion:112 Resp: 155946
 Ion Ratio Lower Upper
 112 100
 64 51.7 43.5 65.3
 63 26.0 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: 15.933 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF121337.D

Acq: 20 Aug 2020 10:08

Instrument :

BNA_F

ClientSampleId :

CHRT-25433

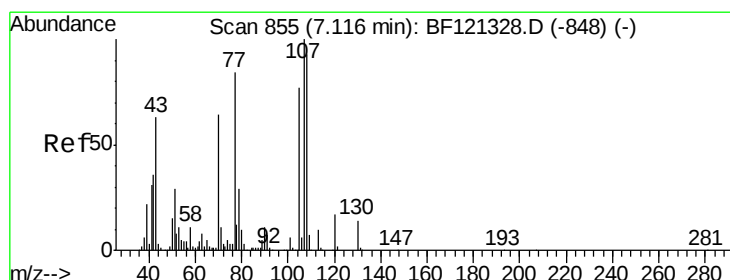
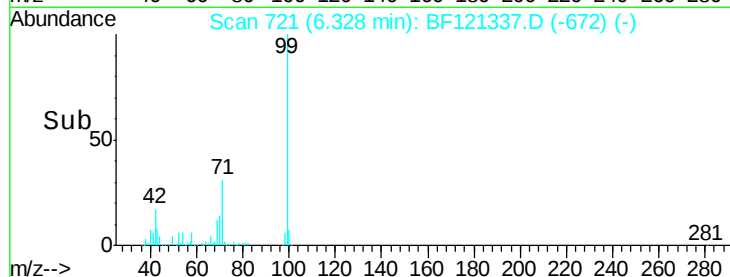
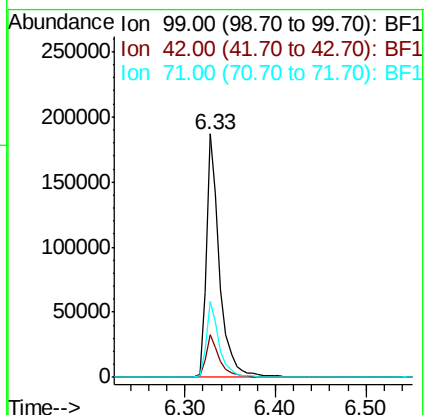
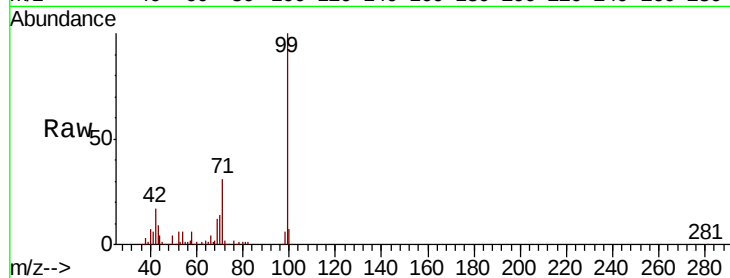
Tot Ion: 99 Resp: 191793

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

71 31.1 25.2 37.8



#19

n-Nitroso-di-n-propylamine

Concen: 2.238 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.14 min

Lab File: BF121337.D

Acq: 20 Aug 2020 10:08

Tgt Ion: 70 Resp: 14489

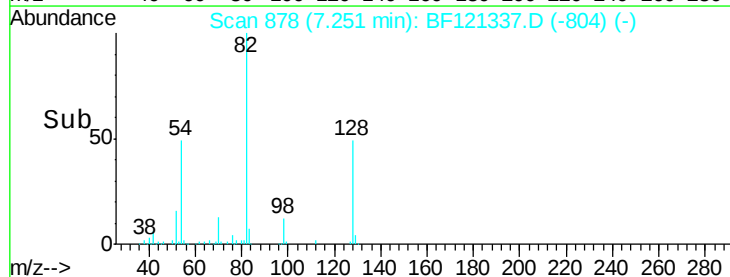
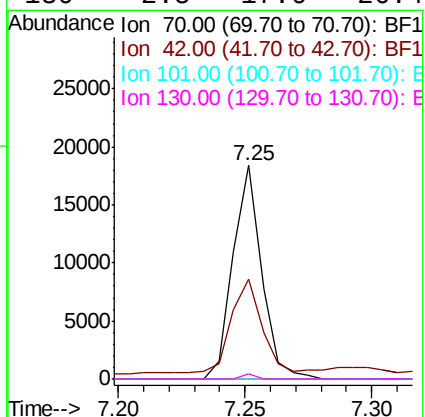
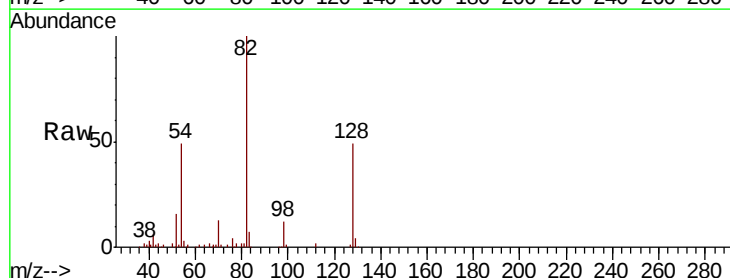
Ion Ratio Lower Upper

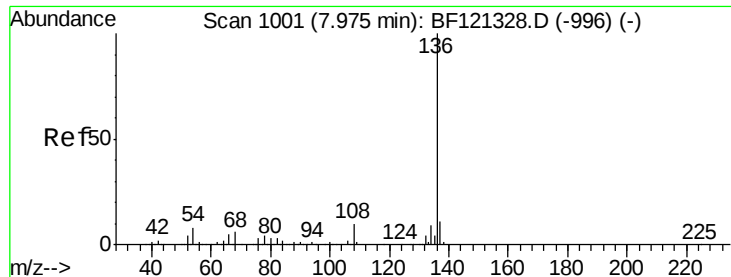
70 100

42 46.8 45.2 67.8

101 0.0 7.7 11.5#

130 2.5 17.6 26.4#

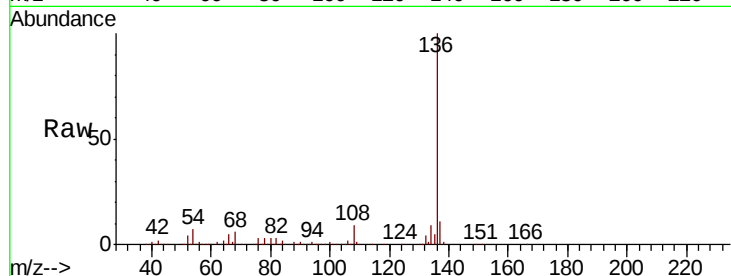




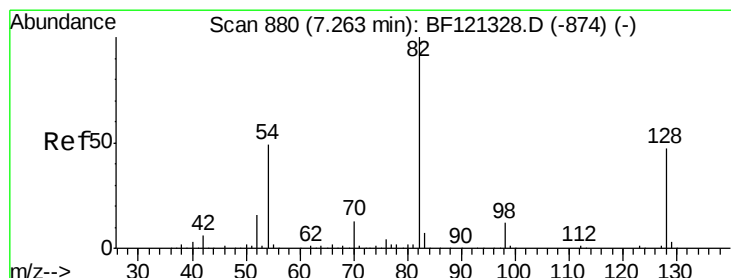
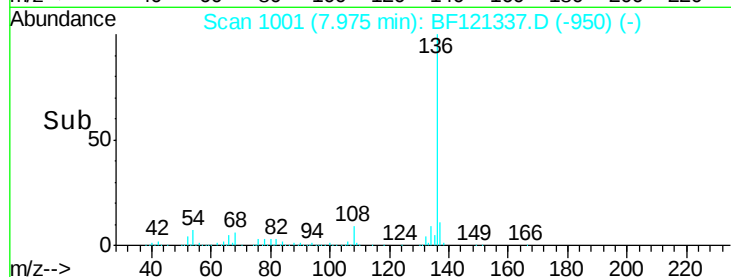
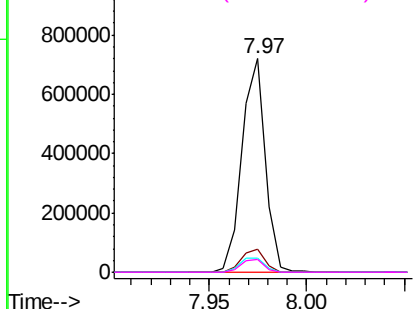
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF121337.D
Acq: 20 Aug 2020 10:08

Instrument :
BNA_F
ClientSampleId :
CHRT-25433

Tot Ion:136	Resp:	598232	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.9	13.3	
54 6.8	6.1	9.1	
68 5.8	5.0	7.4	

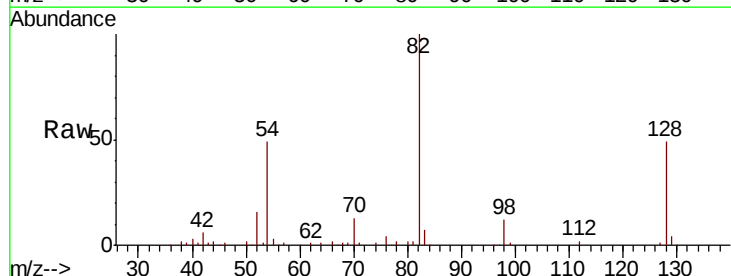


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

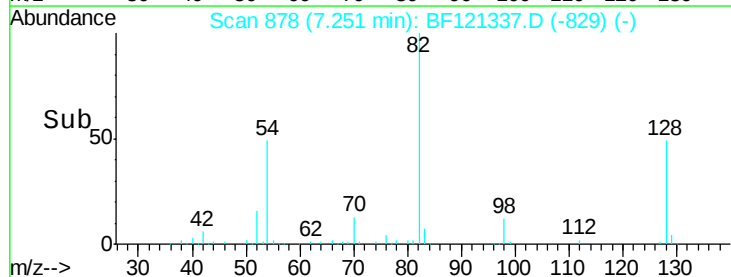
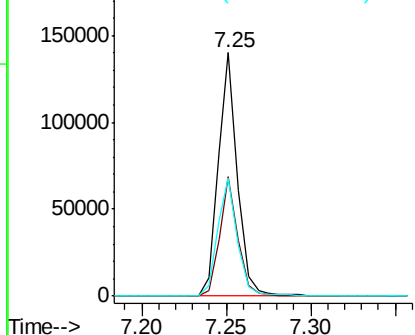


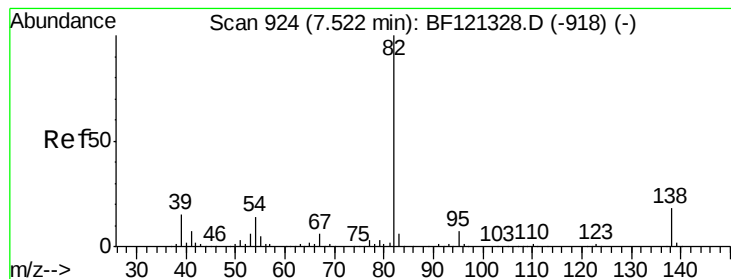
#23
Nitrobenzene-d5
Concen: 10.544 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF121337.D
Acq: 20 Aug 2020 10:08

Tgt Ion: 82	Resp: 111527
Ion Ratio	Lower Upper
82 100	
128 49.2	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): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 5.794 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.27 min

Lab File: BF121337.D

Acq: 20 Aug 2020 10:08

Instrument :

BNA_F

ClientSampleId :

CHRT-25433

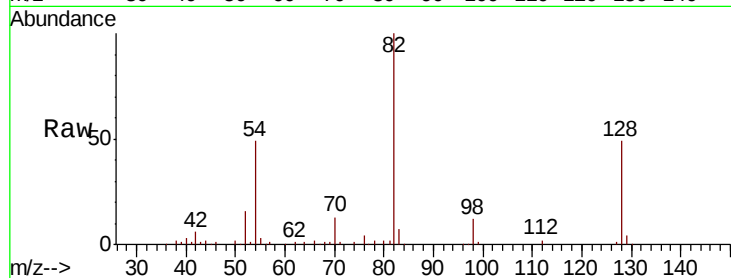
Tot Ion: 82 Resp: 111525

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

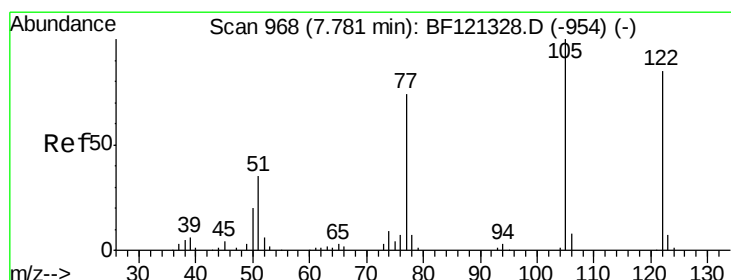
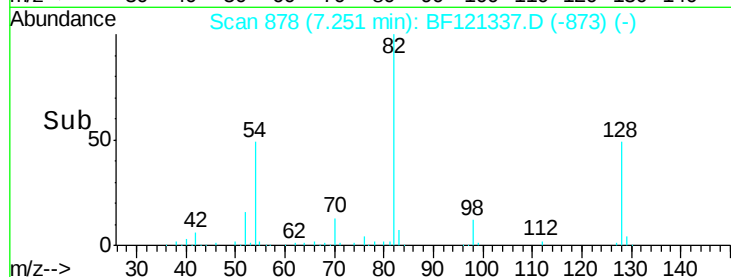
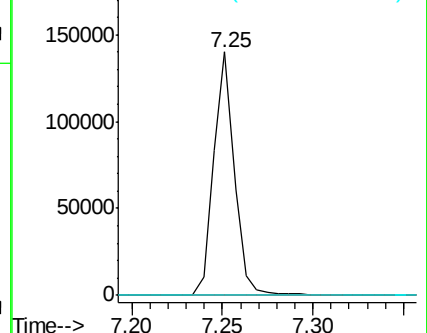
138 0.0 14.6 21.8#



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: 7.084 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF121337.D

Acq: 20 Aug 2020 10:08

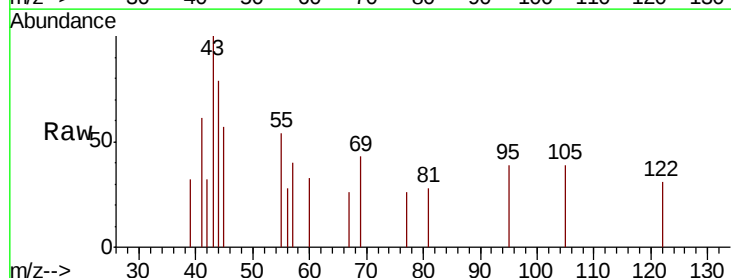
Tgt Ion: 122 Resp: 132

Ion Ratio Lower Upper

122 100

105 125.2 96.7 136.7

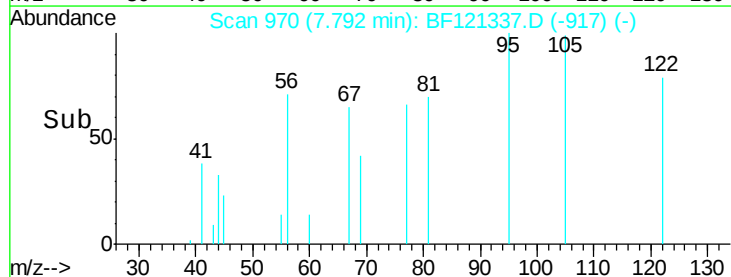
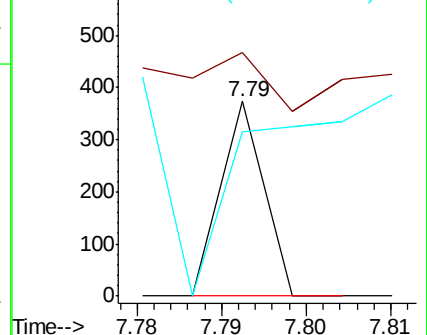
77 84.2 66.7 106.7

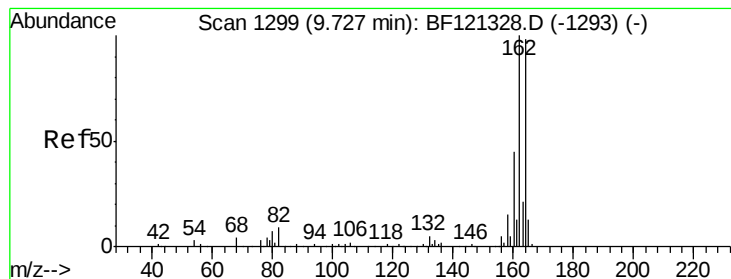


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF121337.D

Acq: 20 Aug 2020 10:08

Instrument :

BNA_F

ClientSampleId :

CHRT-25433

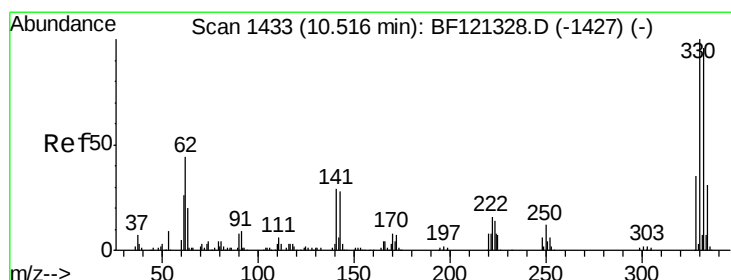
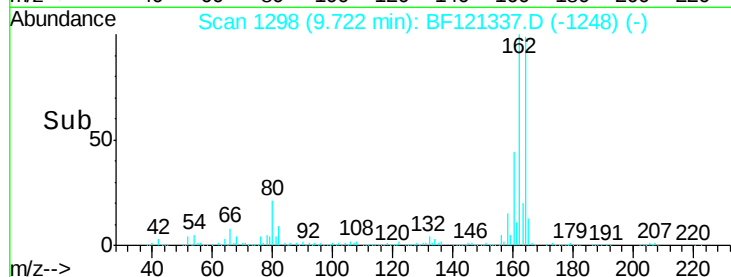
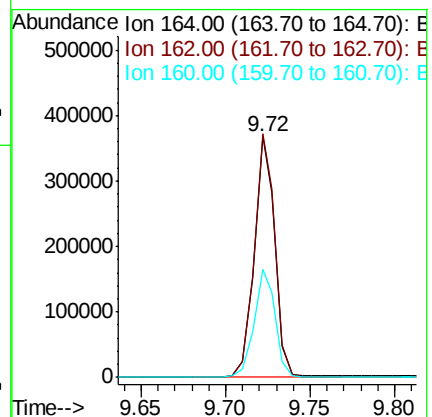
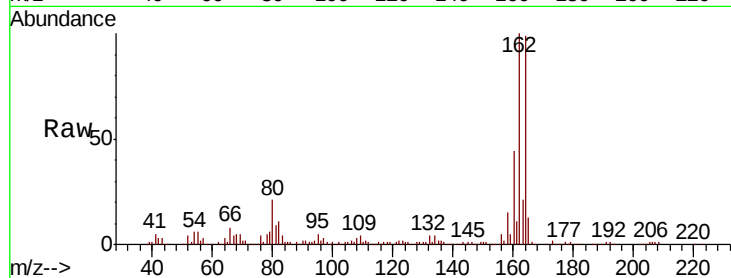
Tot Ion:164 Resp: 309044

Ion Ratio Lower Upper

164 100

162 101.1 81.7 122.5

160 44.7 37.0 55.4



#42

2,4,6-Tribromophenol

Concen: 14.843 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF121337.D

Acq: 20 Aug 2020 10:08

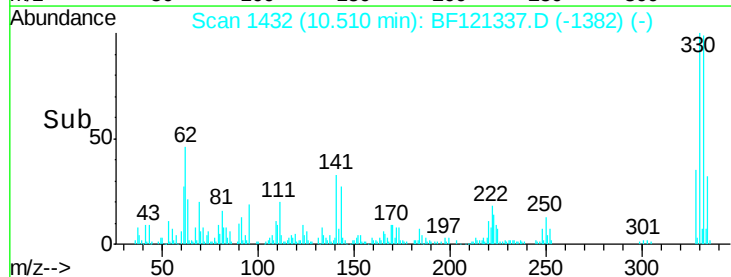
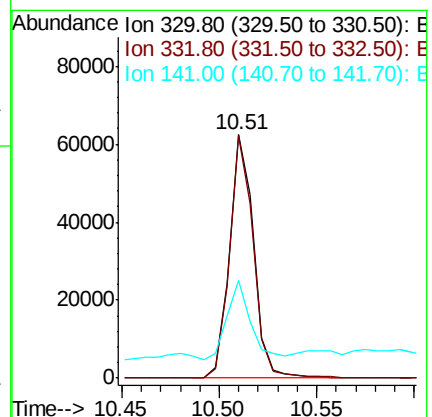
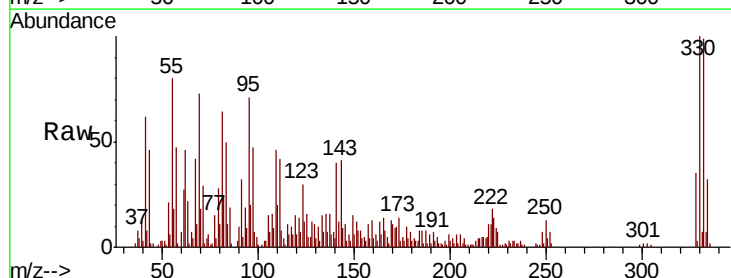
Tgt Ion:330 Resp: 53453

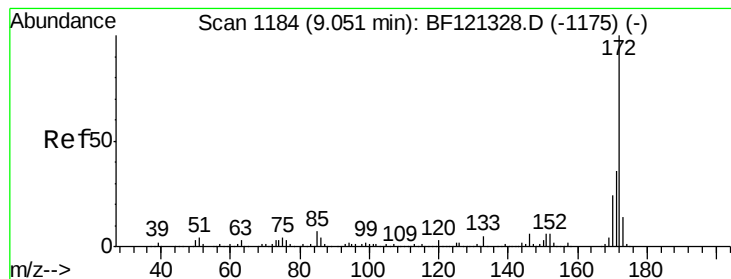
Ion Ratio Lower Upper

330 100

332 97.3 76.9 115.3

141 31.2 22.8 34.2

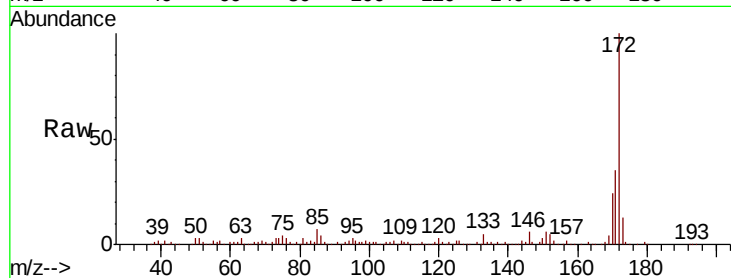




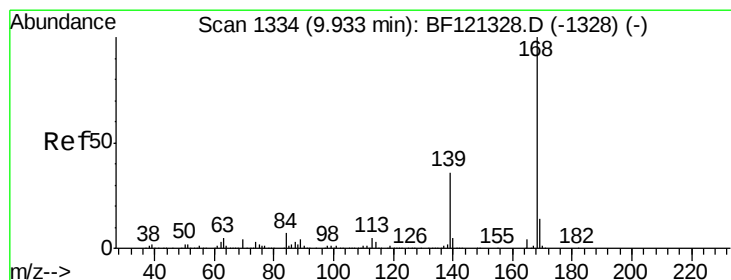
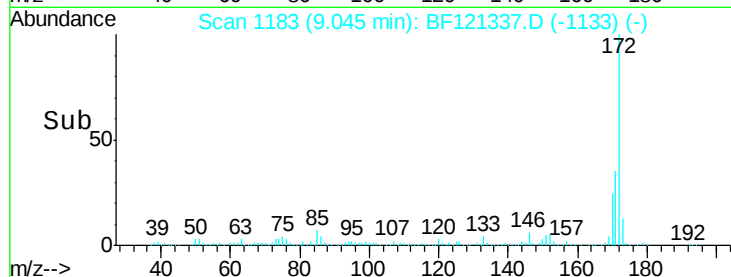
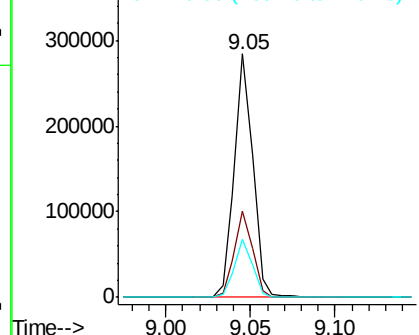
#45
2-Fluorobiphenyl
Concen: 0.665 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF121337.D
Acq: 20 Aug 2020 10:08

Instrument :
BNA_F
ClientSampleId :
CHRT-25433

Tot Ion:172 Resp: 217191
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.6
170 24.0 19.4 29.2

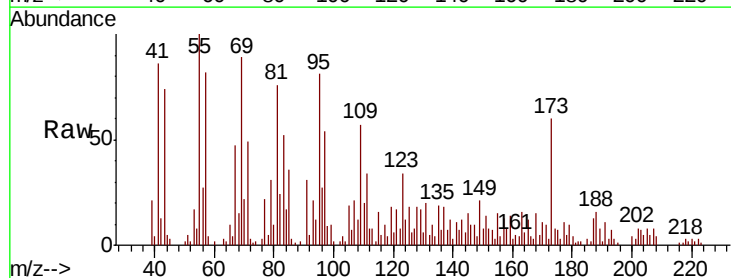


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

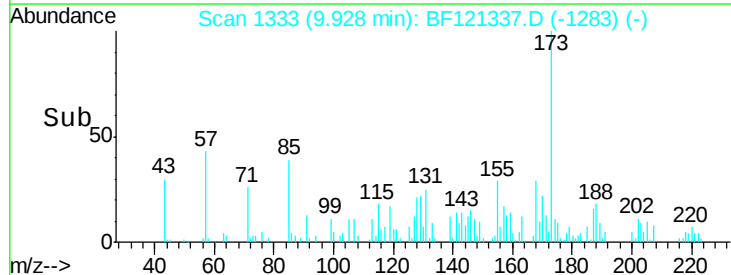
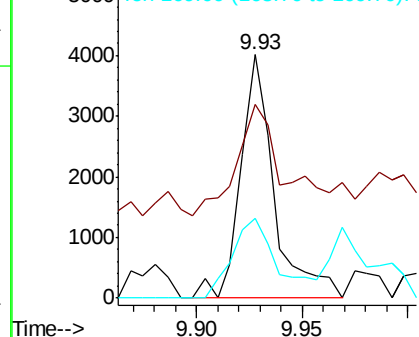


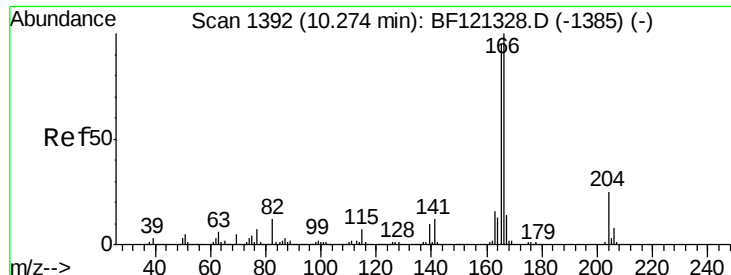
#55
Dibenzofuran
Concen: Below Cal
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF121337.D
Acq: 20 Aug 2020 10:08

Tgt Ion:168 Resp: 4395
Ion Ratio Lower Upper
168 100
139 79.4 29.1 43.7#
169 32.7 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: BF121337.D

Acq: 20 Aug 2020 10:08

Instrument :

BNA_F

ClientSampleId :

CHRT-25433

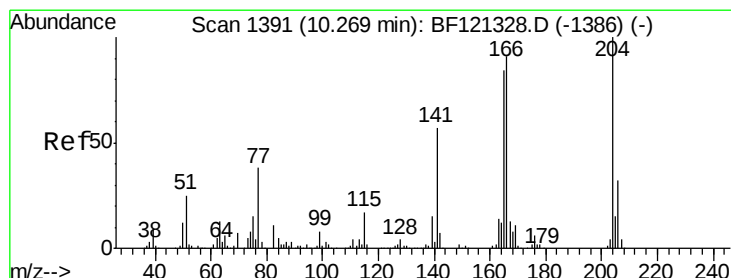
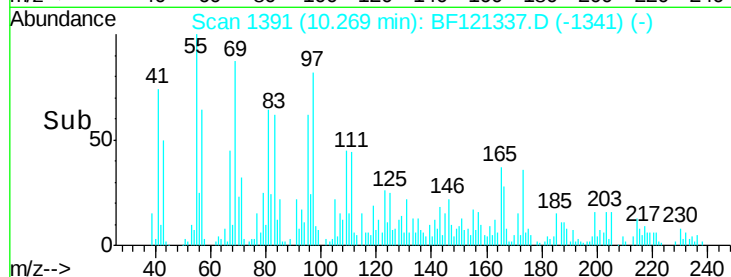
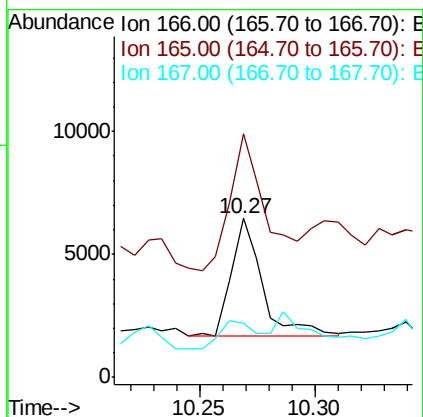
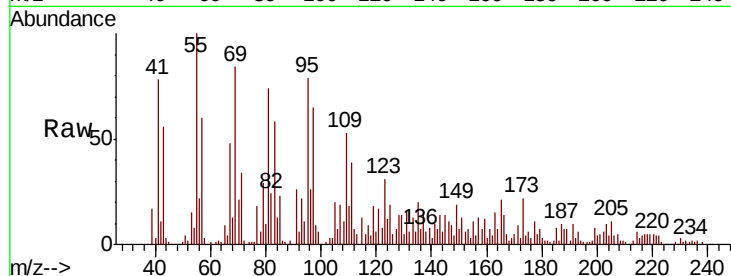
Tot Ion:166 Resp: 4408

Ion Ratio Lower Upper

166 100

165 153.6 75.8 113.8#

167 33.8 11.0 16.4#



#61

4-Chlorophenyl-phenylether

Concen: Below Cal

RT: 10.28 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BF121337.D

Acq: 20 Aug 2020 10:08

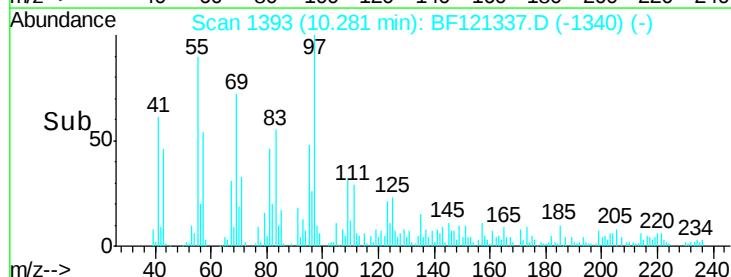
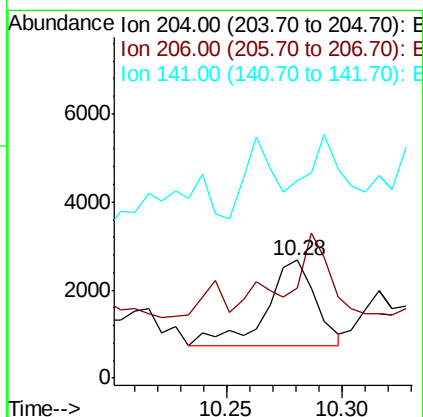
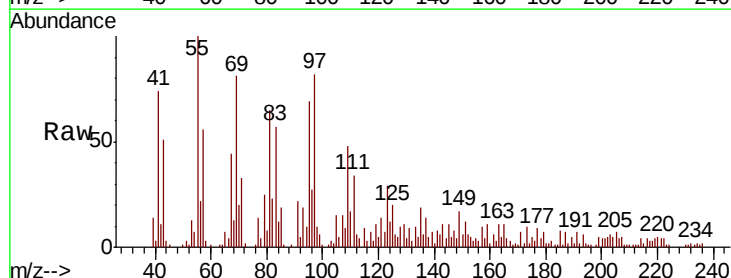
Tgt Ion:204 Resp: 2859

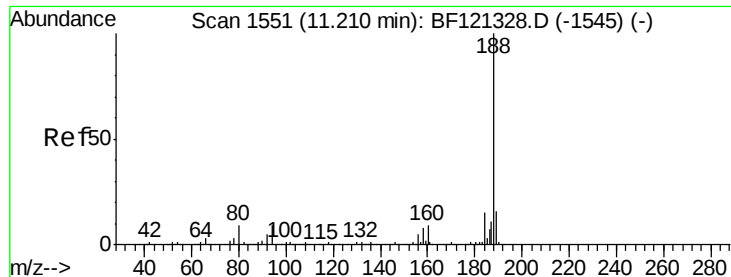
Ion Ratio Lower Upper

204 100

206 77.0 25.9 38.9#

141 167.6 45.5 68.3#

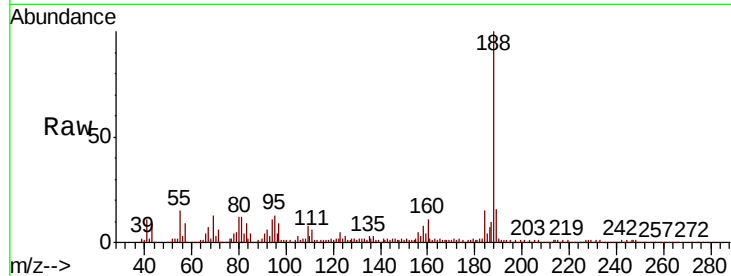




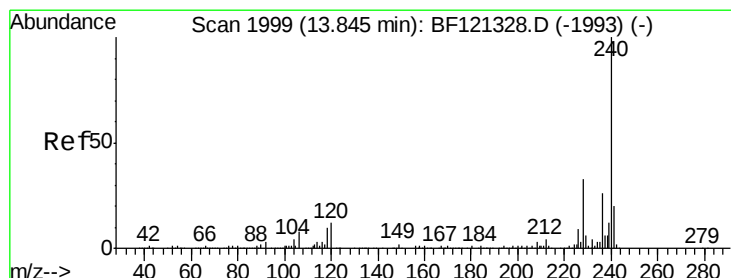
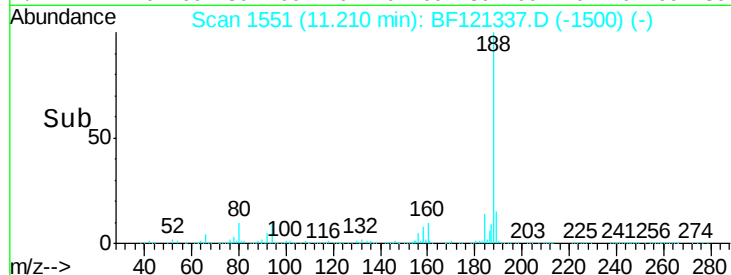
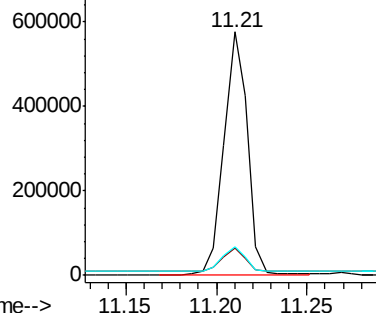
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BF121337.D
Acq: 20 Aug 2020 10:08

Instrument :
BNA_F
ClientSampleId :
CHRT-25433

Tot Ion:188 Resp: 511864
Ion Ratio Lower Upper
188 100
94 11.3 7.2 10.8#
80 11.5 7.4 11.0#

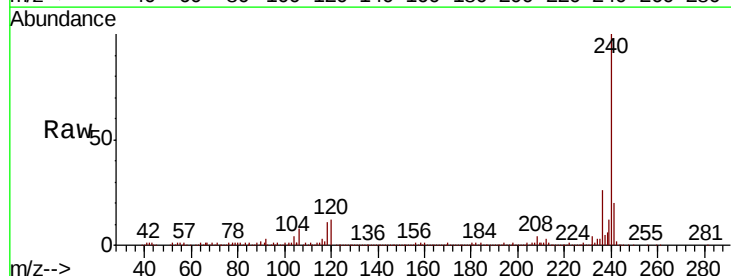


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

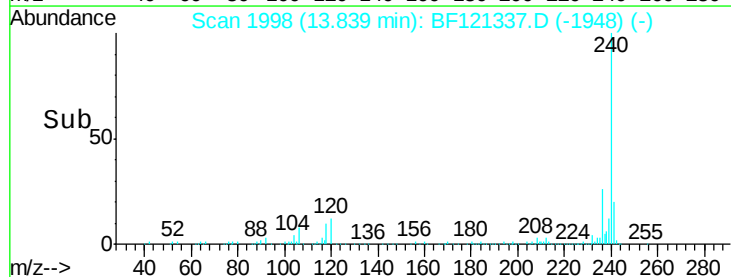
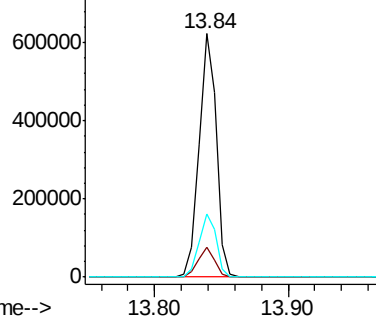


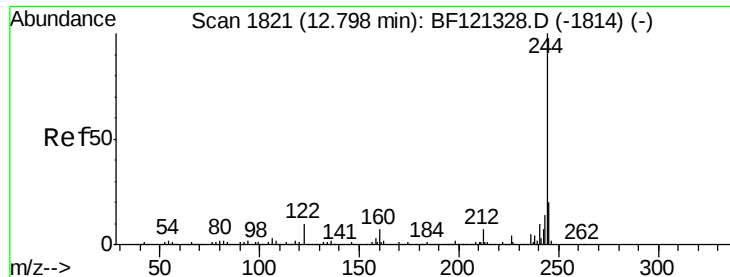
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF121337.D
Acq: 20 Aug 2020 10:08

Tgt Ion:240 Resp: 570426
Ion Ratio Lower Upper
240 100
120 12.4 9.6 14.4
236 26.0 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

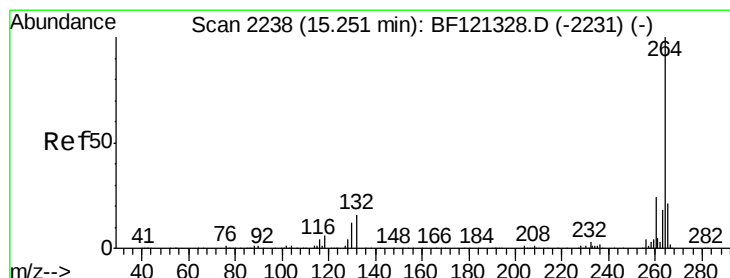
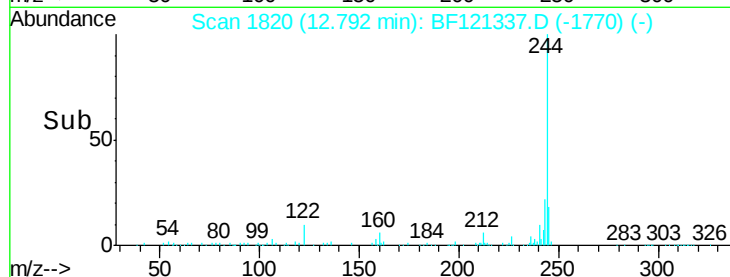
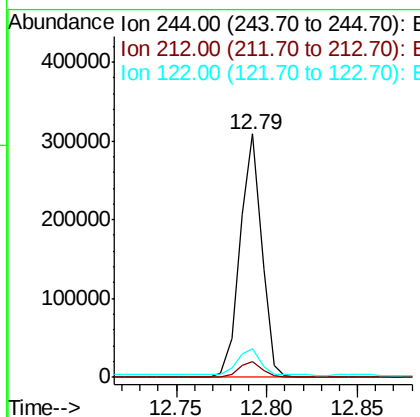
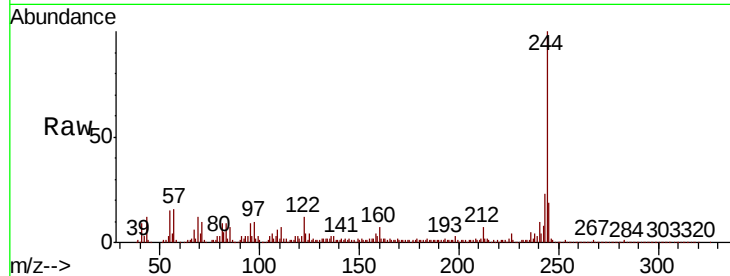




#79
 Terphenyl-d14
 Concen: 8.738 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BF121337.D
 Acq: 20 Aug 2020 10:08

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-25433

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.7	7.8	11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF121337.D
 Acq: 20 Aug 2020 10:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.0	17.1	25.7

