

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031820\
 Data File : BF119438.D
 Acq On : 19 Mar 2020 2:15
 Operator : CG/JU
 Sample : L1917-06 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CBH-140

Quant Time: Mar 19 07:54:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

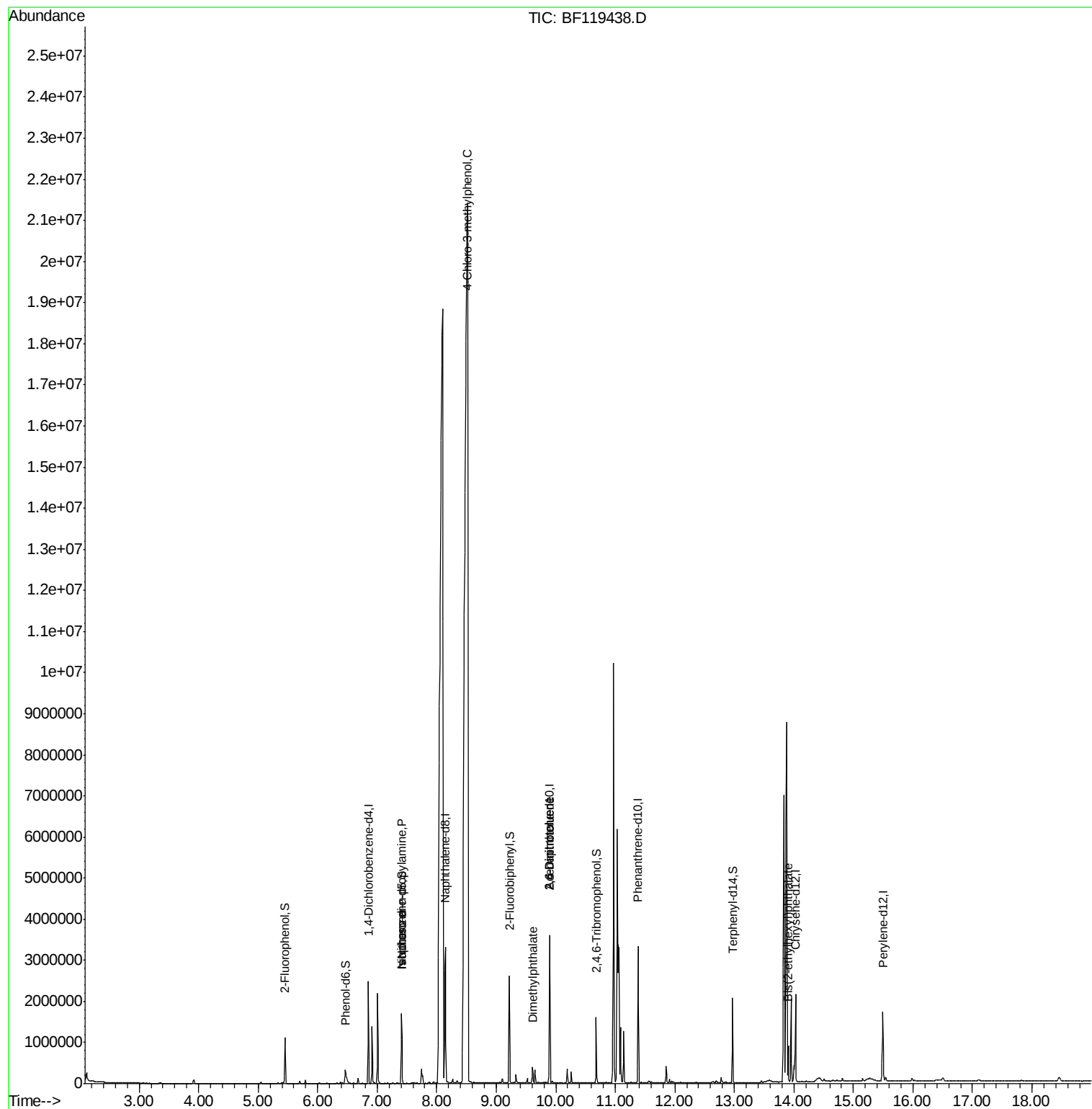
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	382633	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1432344	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	689987	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1164992	20.00	ng	0.00
76) Chrysene-d12	14.03	240	717960	20.00	ng	0.00
87) Perylene-d12	15.49	264	767564	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	274726	11.43	ng	0.00
7) Phenol-d6	6.47	99	207386	6.75	ng	0.00
23) Nitrobenzene-d5	7.41	82	447206	16.97	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	159054	22.34	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	843907	18.12	ng	0.00
79) Terphenyl-d14	12.97	244	702459	19.17	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	58958	3.19	ng	# 76
25) Isophorone	7.41	82	442407	8.28	ng	# 66
36) 4-Chloro-3-methylphenol	8.52	107	1158473	50.31	ng	# 19
50) Dimethylphthalate	9.61	163	118643	2.42	ng	# 98
51) 2,6-Dinitrotoluene	9.90	165	95543	9.09	ng	# 19
57) 2,4-Dinitrotoluene	9.90	165	95543	7.22	ng	# 25
84) Bis(2-ethylhexyl)phthalate	13.90	149	195449	6.88	ng	# 53

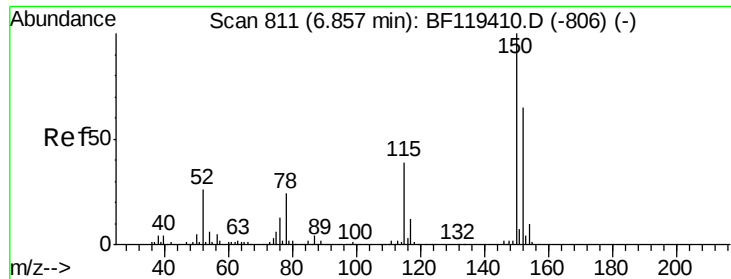
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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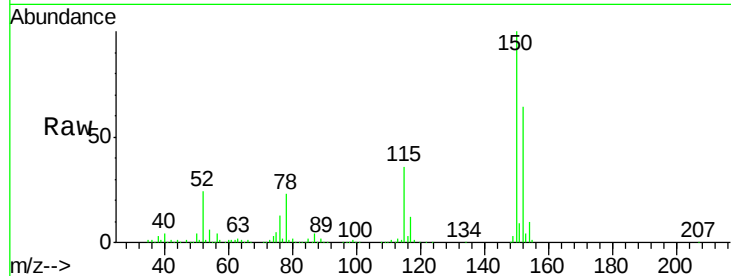


#1

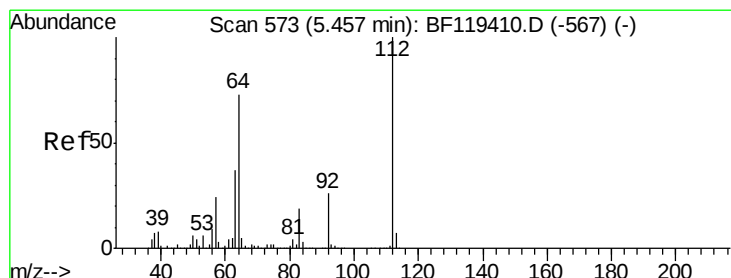
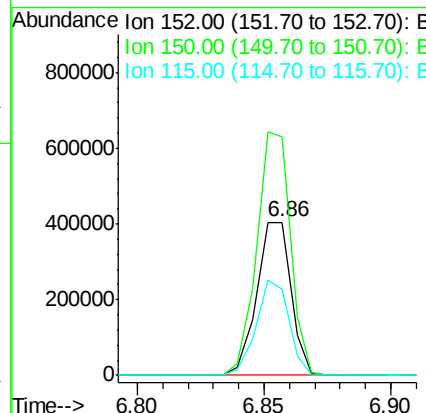
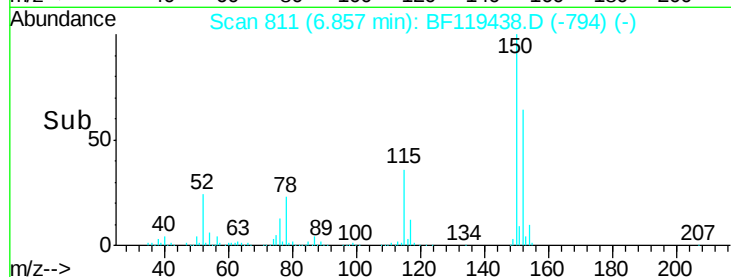
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF119438.D
Acq: 19 Mar 2020 2:15

Instrument :
BNA_F
ClientSampleId :
CBH-140

Tgt Ion:152 Resp: 382633
Ion Ratio Lower Upper
152 100
150 156.2 123.9 185.9
115 56.2 47.8 71.6



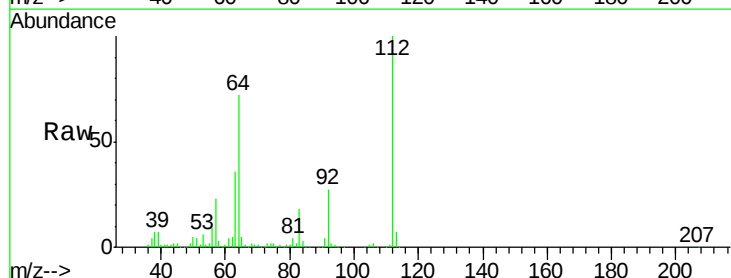
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



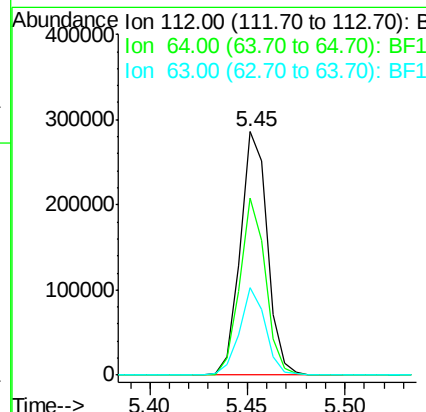
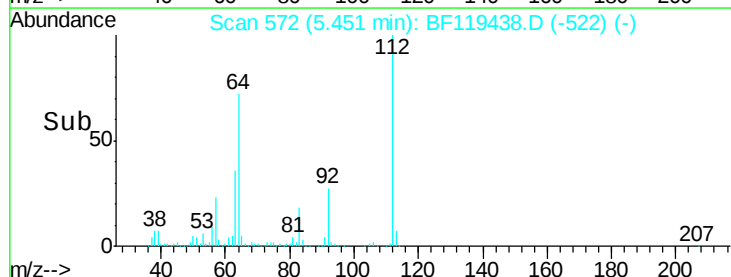
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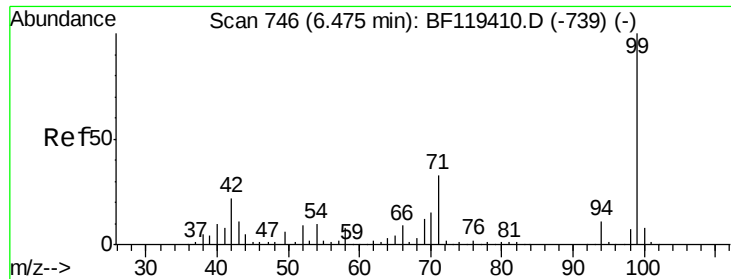
2-Fluorophenol
Concen: 11.43 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF119438.D
Acq: 19 Mar 2020 2:15

Tgt Ion:112 Resp: 274726
Ion Ratio Lower Upper
112 100
64 72.5 58.1 87.1
63 36.2 29.7 44.5



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: 6.75 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119438.D

Acq: 19 Mar 2020 2:15

Instrument :

BNA_F

ClientSampleId :

CBH-140

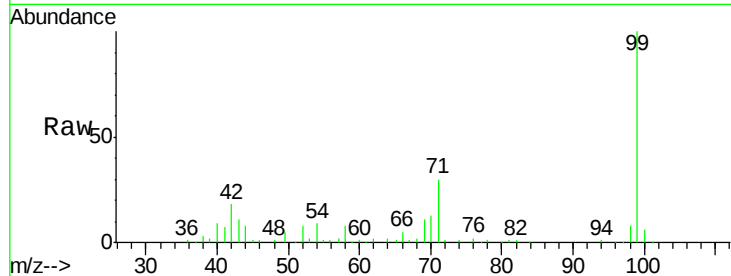
Tgt Ion: 99 Resp: 207386

Ion Ratio Lower Upper

99 100

42 18.2 17.8 26.6

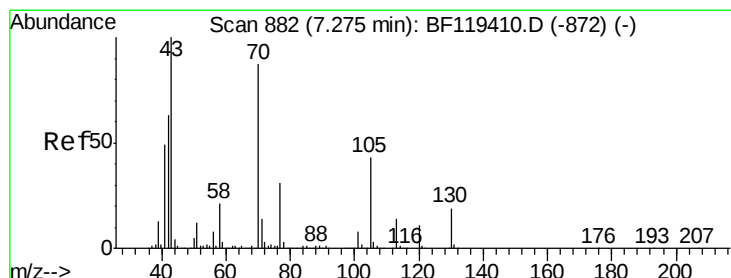
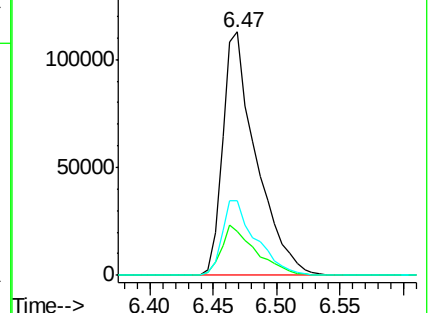
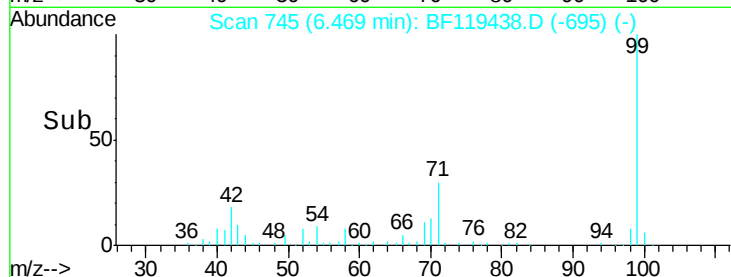
71 30.4 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 3.19 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF119438.D

Acq: 19 Mar 2020 2:15

Tgt Ion: 70 Resp: 58958

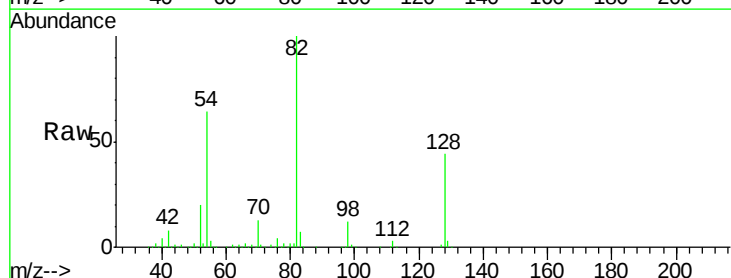
Ion Ratio Lower Upper

70 100

42 57.8 58.2 87.4#

101 0.0 7.4 11.2#

130 2.5 17.8 26.8#

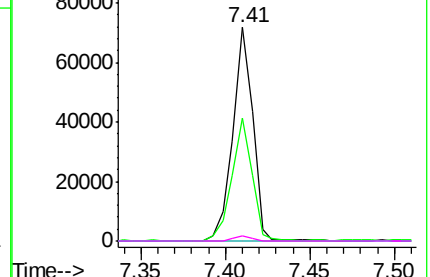
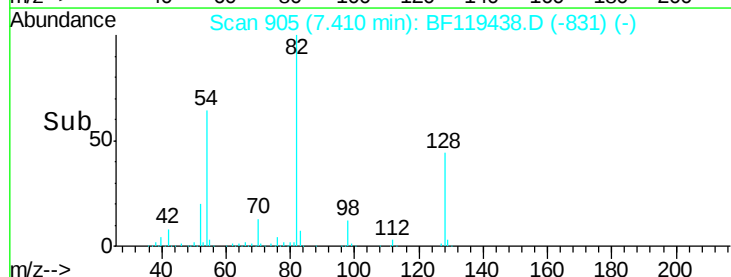


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

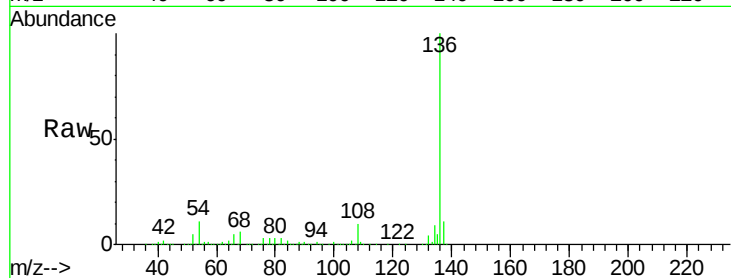




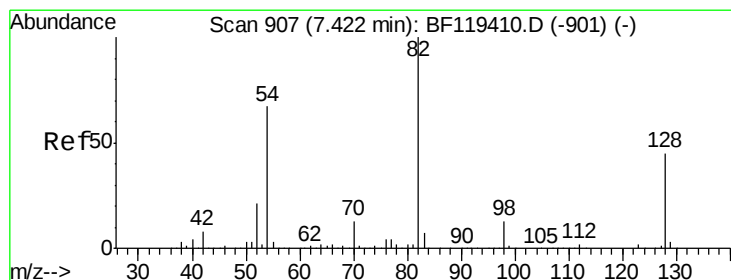
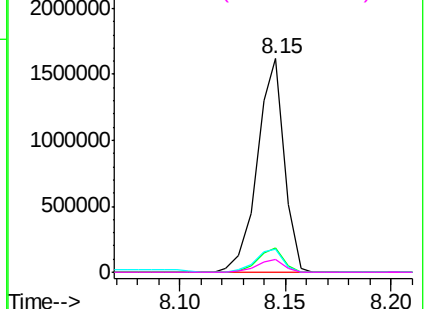
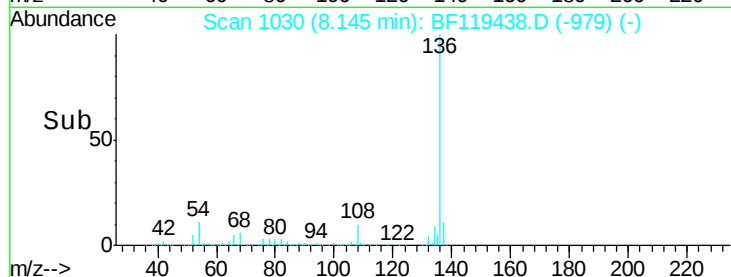
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF119438.D
Acq: 19 Mar 2020 2:15

Instrument :
BNA_F
ClientSampleId :
CBH-140

Tgt Ion:136 Resp: 1432344
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 10.6 8.3 12.5
68 6.1 4.9 7.3

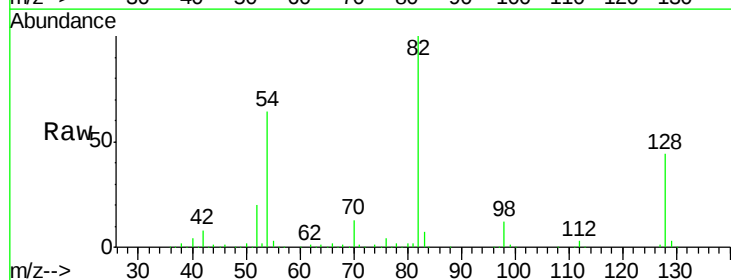


Abundance Ion 136.00 (135.70 to 136.70): E
2500000
Ion 137.00 (136.70 to 137.70): E
2000000
Ion 54.00 (53.70 to 54.70): BF1
1500000
Ion 68.00 (67.70 to 68.70): BF1
1000000
500000
0

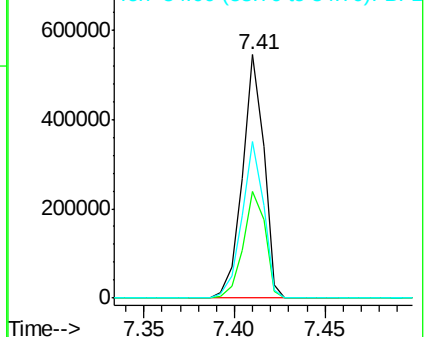
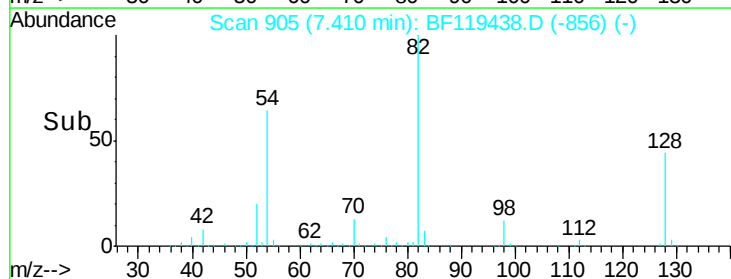


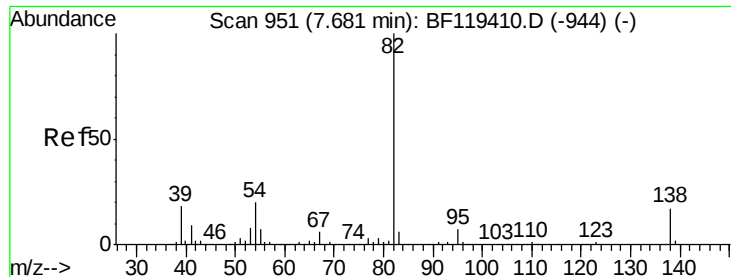
#23
Nitrobenzene-d5
Concen: 16.97 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF119438.D
Acq: 19 Mar 2020 2:15

Tgt Ion: 82 Resp: 447206
Ion Ratio Lower Upper
82 100
128 43.9 35.8 53.8
54 64.3 53.4 80.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
600000
Ion 128.00 (127.70 to 128.70): E
400000
Ion 54.00 (53.70 to 54.70): BF1
200000
0





#25

Isophorone

Concen: 8.28 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.27 min

Lab File: BF119438.D

Acq: 19 Mar 2020 2:15

Instrument :

BNA_F

ClientSampleId :

CBH-140

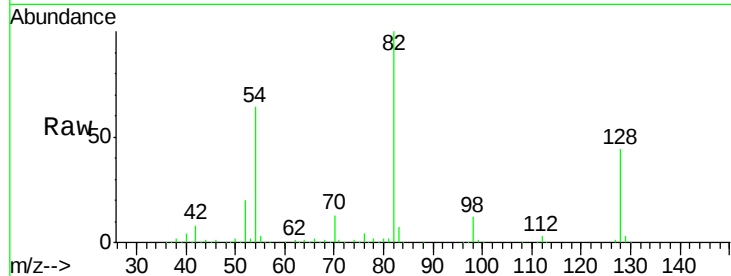
Tgt Ion: 82 Resp: 442407

Ion Ratio Lower Upper

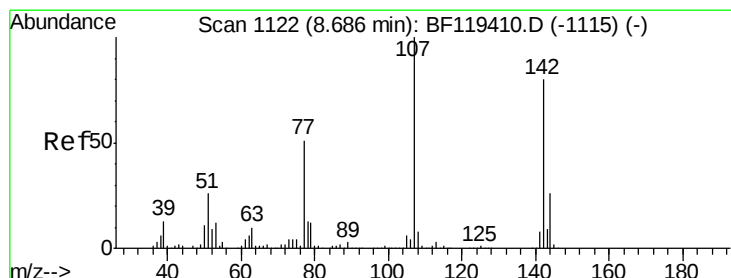
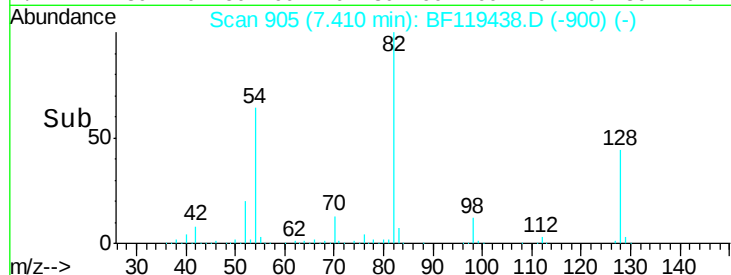
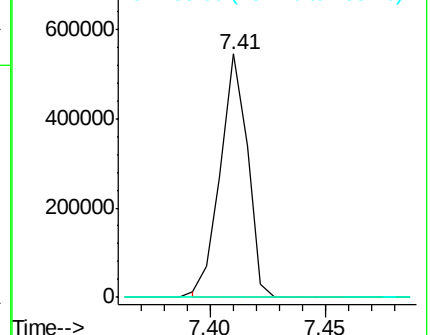
82 100

95 0.0 5.4 8.2#

138 0.0 13.8 20.8#



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



#36

4-Chloro-3-methylphenol

Concen: 50.31 ng

RT: 8.52 min Scan# 1093

Delta R.T. -0.17 min

Lab File: BF119438.D

Acq: 19 Mar 2020 2:15

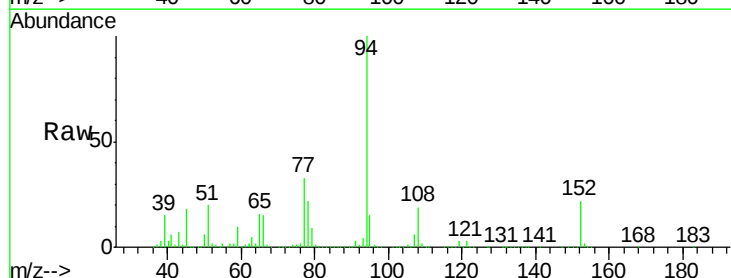
Tgt Ion: 107 Resp: 1158473

Ion Ratio Lower Upper

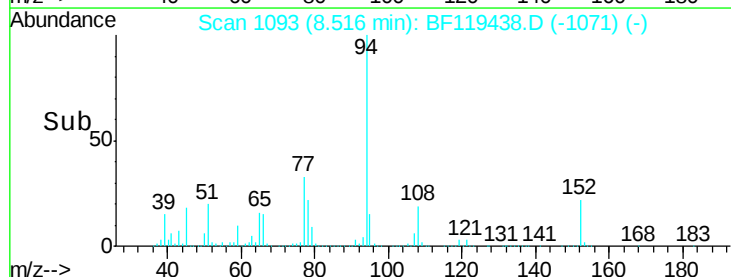
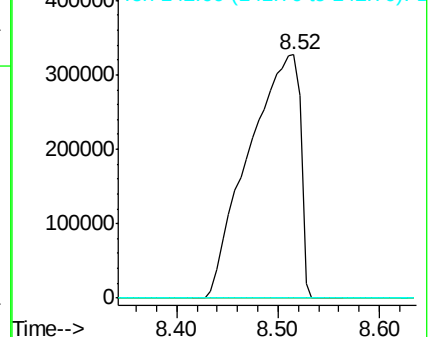
107 100

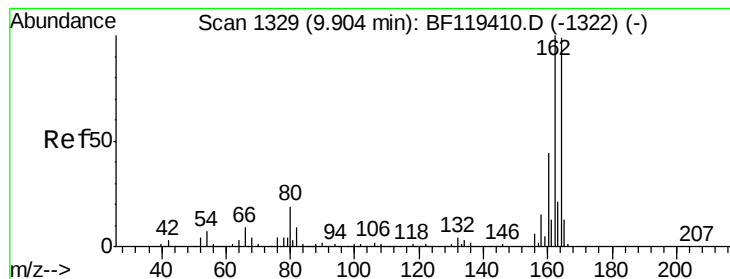
144 0.0 20.6 31.0#

142 0.0 63.8 95.6#



Abundance Ion 107.00 (106.70 to 107.70): BF1
Ion 144.00 (143.70 to 144.70): BF1
Ion 142.00 (141.70 to 142.70): BF1





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF119438.D

Acq: 19 Mar 2020 2:15

Instrument :

BNA_F

ClientSampleId :

CBH-140

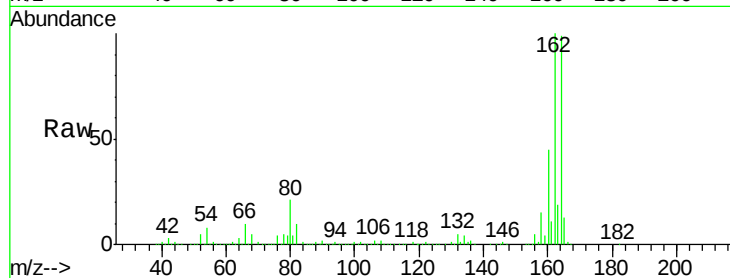
Tgt Ion:164 Resp: 689987

Ion Ratio Lower Upper

164 100

162 101.5 80.7 121.1

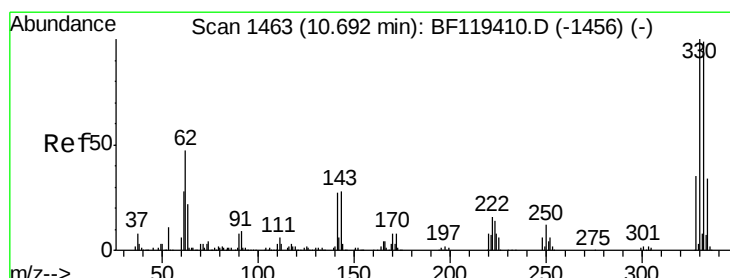
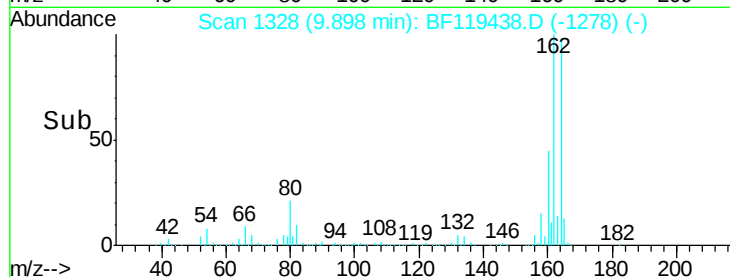
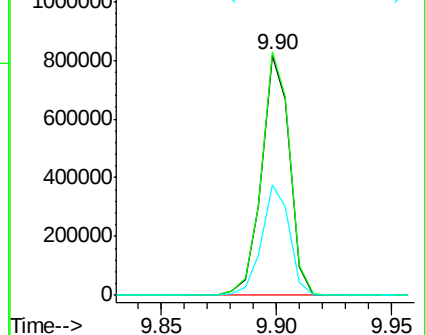
160 45.9 35.5 53.3



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: 22.34 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF119438.D

Acq: 19 Mar 2020 2:15

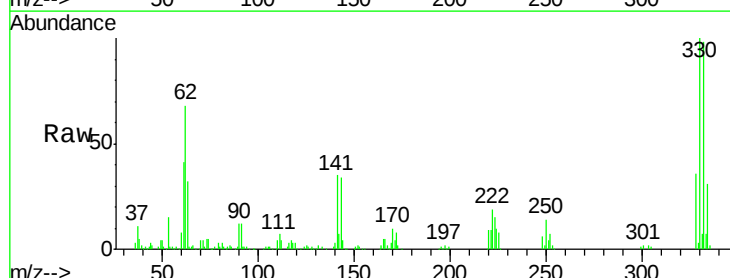
Tgt Ion:330 Resp: 159054

Ion Ratio Lower Upper

330 100

332 96.1 77.6 116.4

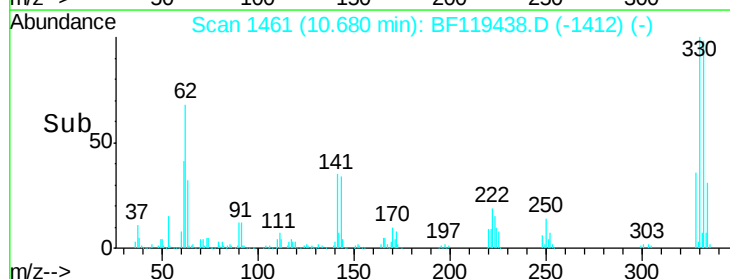
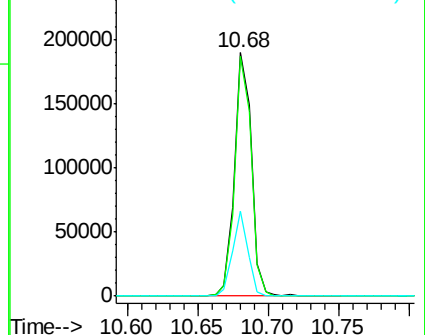
141 31.4 26.6 40.0

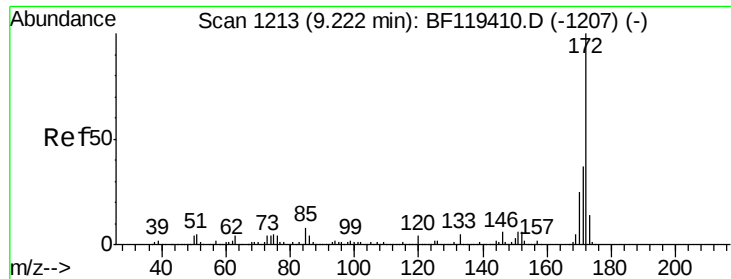


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

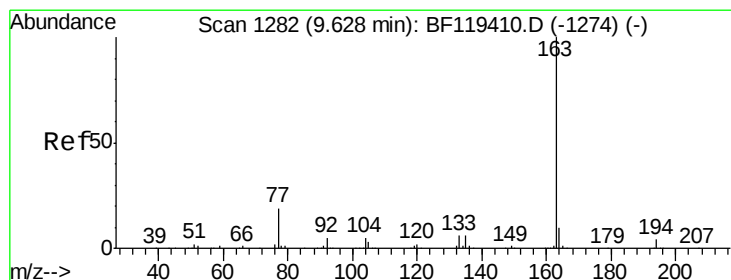
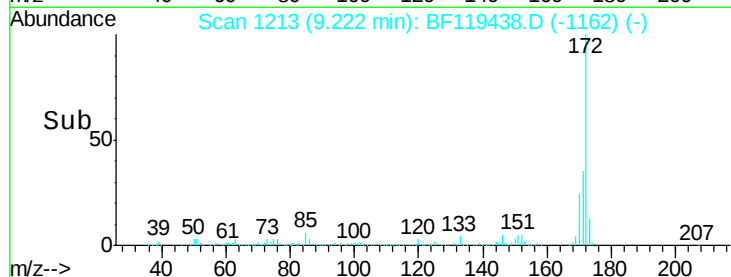
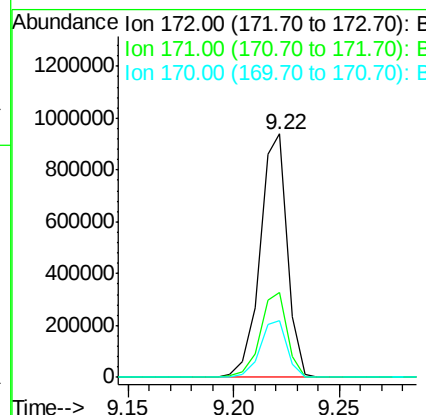
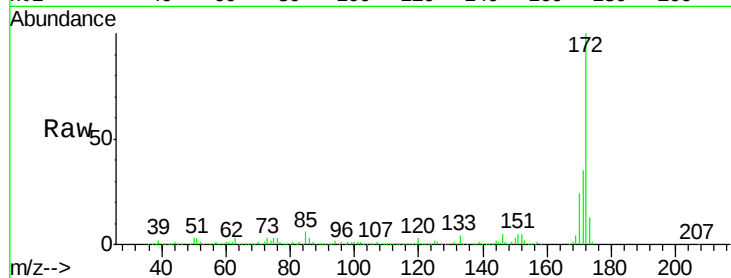




#45
 2-Fluorobiphenyl
 Concen: 18.12 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF119438.D
 Acq: 19 Mar 2020 2:15

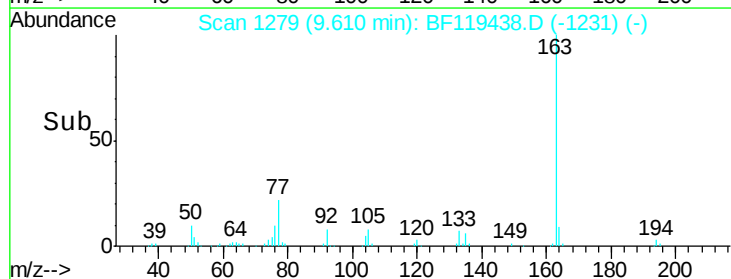
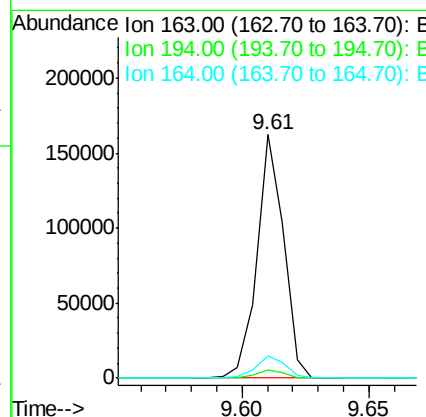
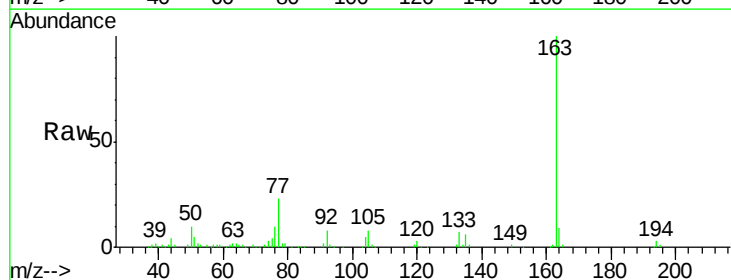
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 CBH-140

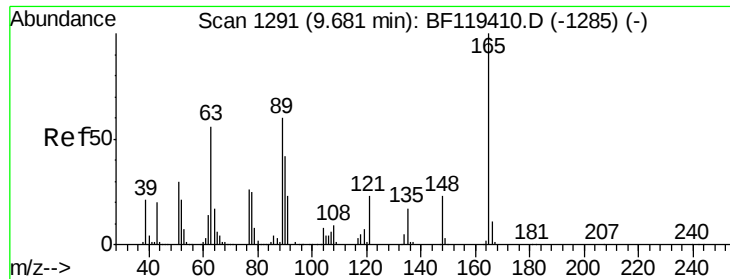
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.9	44.9
170	23.6	20.1	30.1



#50
 Dimethylphthalate
 Concen: 2.42 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BF119438.D
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Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.2	4.8
164	9.3	8.1	12.1

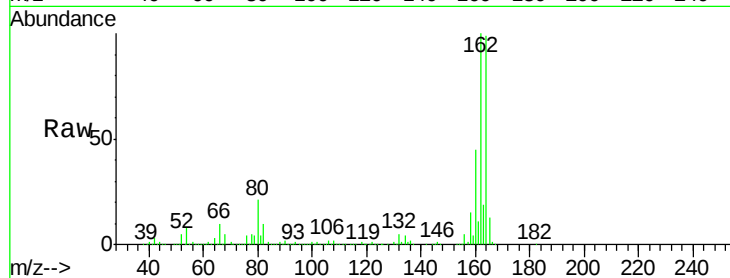




#51
 2,6-Dinitrotoluene
 Concen: 9.09 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.22 min
 Lab File: BF119438.D
 Acq: 19 Mar 2020 2:15

Instrument :
 BNA_F
 ClientSampled :
 CBH-140

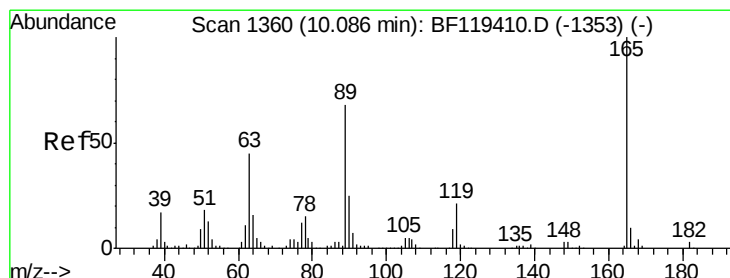
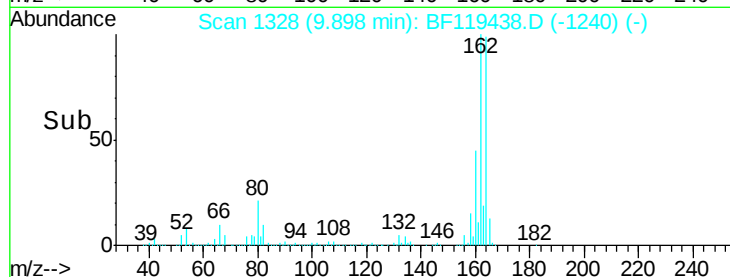
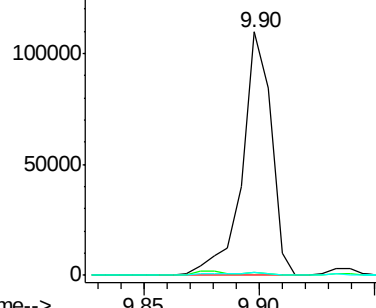
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	57.3	85.9#
89	1.2	47.8	71.8#



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



#57
 2,4-Dinitrotoluene
 Concen: 7.22 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.19 min
 Lab File: BF119438.D
 Acq: 19 Mar 2020 2:15

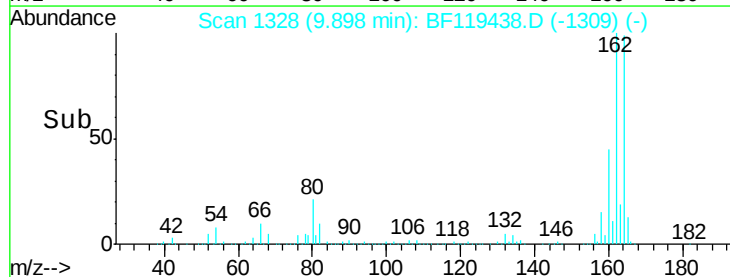
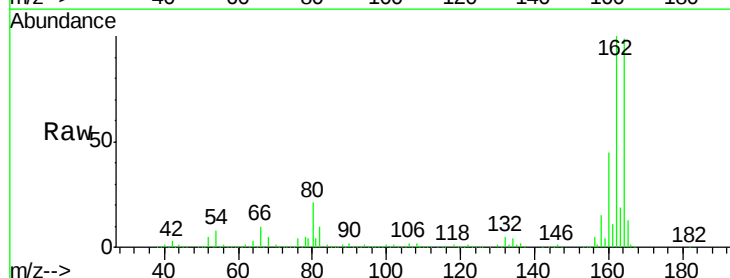
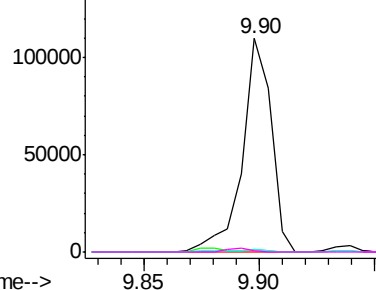
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.2	54.4#
89	1.2	54.3	81.5#
182	0.7	2.0	3.0#

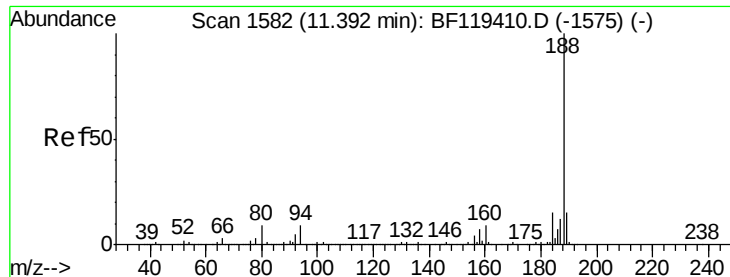
Abundance Ion 165.00 (164.70 to 165.70): E

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

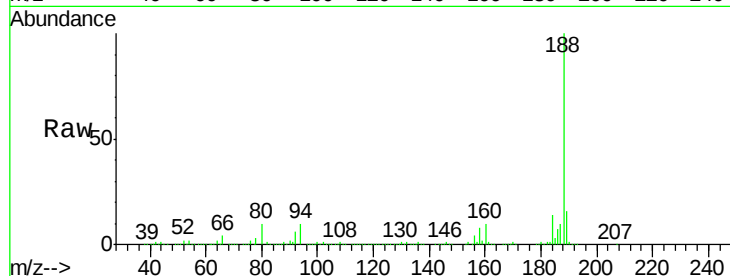




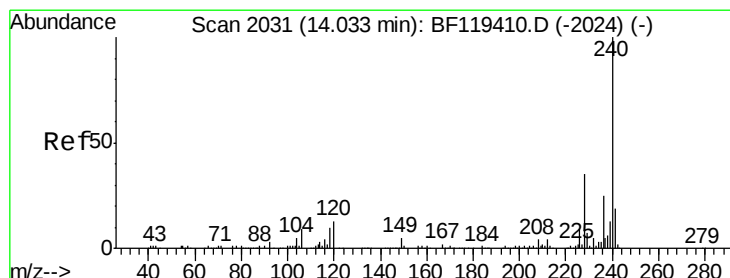
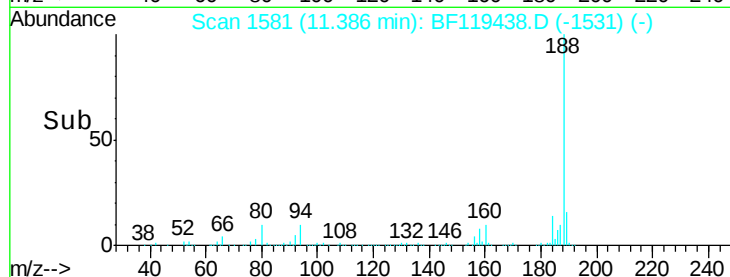
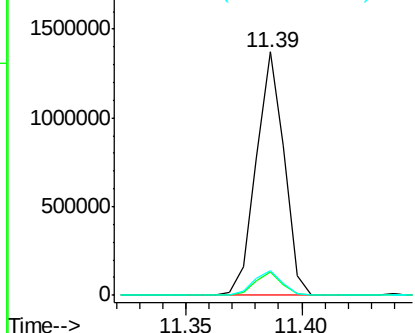
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF119438.D
Acq: 19 Mar 2020 2:15

Instrument :
BNA_F
ClientSampleId :
CBH-140

Tgt Ion:188 Resp: 1164992
Ion Ratio Lower Upper
188 100
94 9.7 7.1 10.7
80 10.2 7.5 11.3

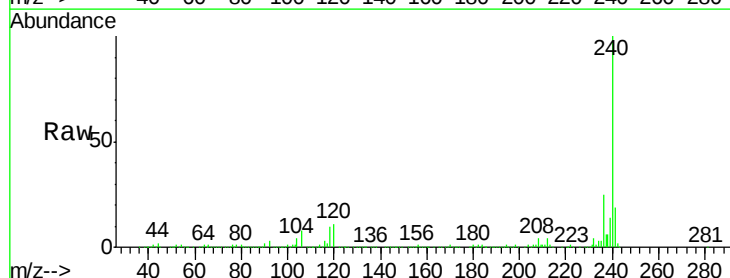


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

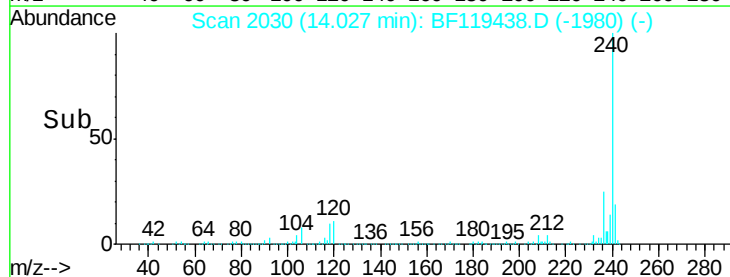
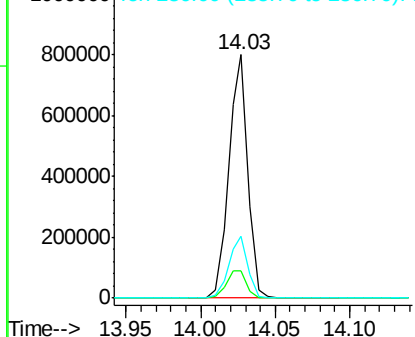


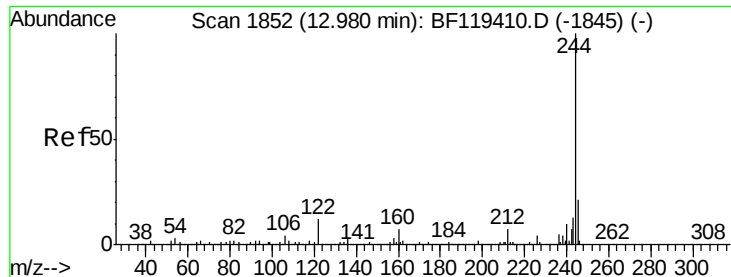
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF119438.D
Acq: 19 Mar 2020 2:15

Tgt Ion:240 Resp: 717960
Ion Ratio Lower Upper
240 100
120 11.0 10.2 15.4
236 25.5 20.4 30.6



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

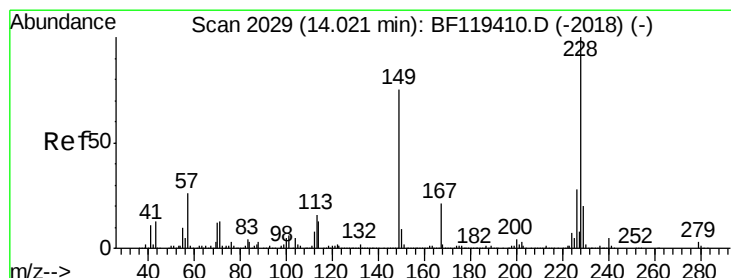
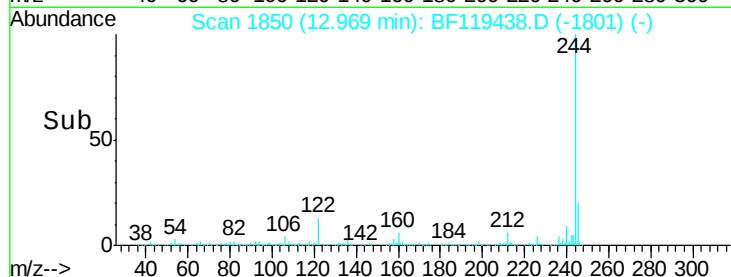
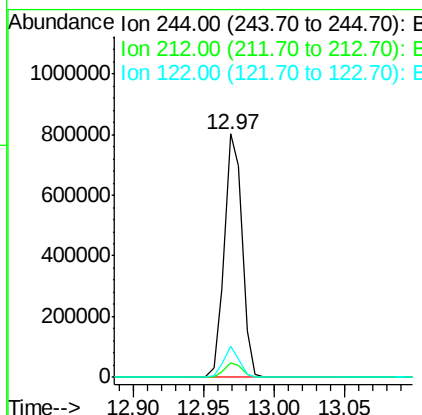
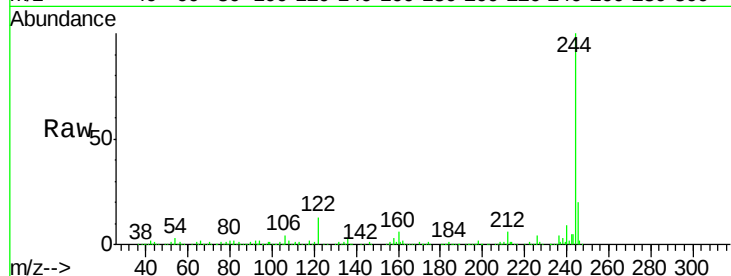




#79
 Terphenyl-d14
 Concen: 19.17 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF119438.D
 Acq: 19 Mar 2020 2:15

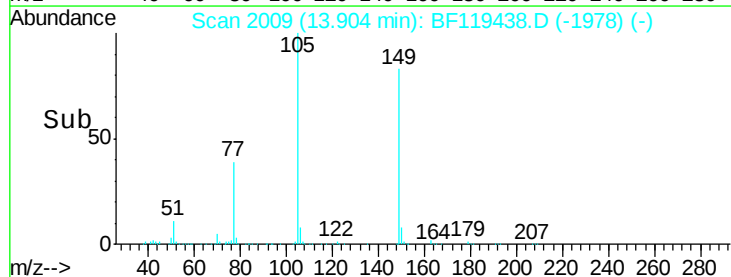
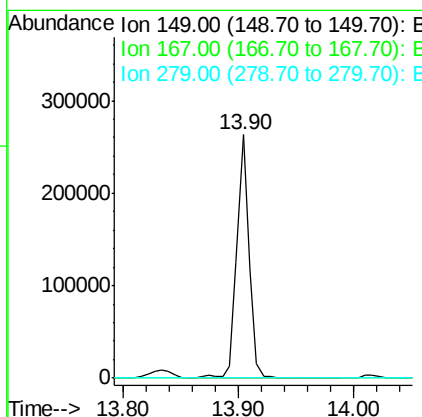
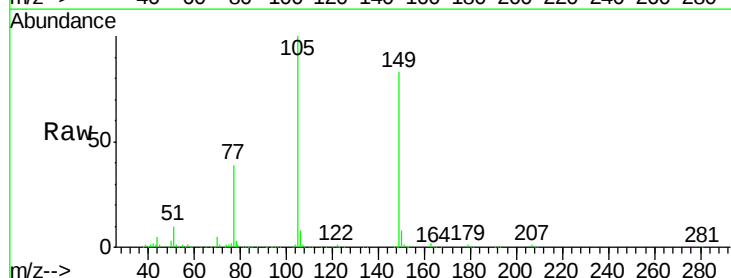
Instrument :
 BNA_F
 ClientSampleId :
 CBH-140

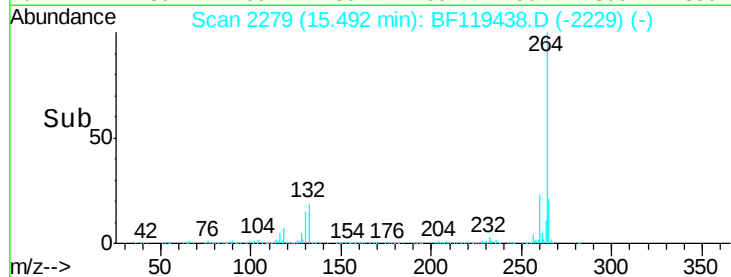
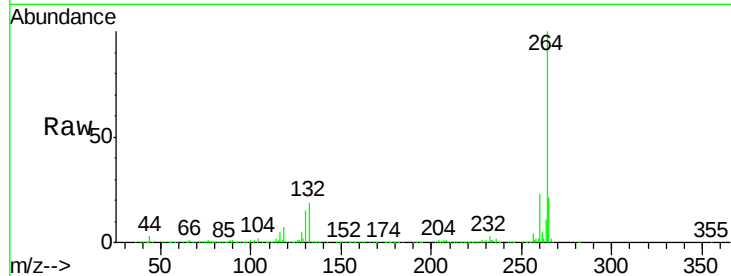
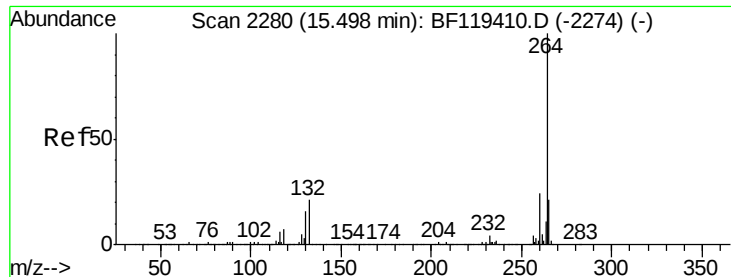
Tgt Ion: 244 Resp: 702459
 Ion Ratio Lower Upper
 244 100
 212 5.8 5.7 8.5
 122 12.5 9.8 14.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.88 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.12 min
 Lab File: BF119438.D
 Acq: 19 Mar 2020 2:15

Tgt Ion: 149 Resp: 195449
 Ion Ratio Lower Upper
 149 100
 167 0.1 22.0 33.0#
 279 0.0 3.2 4.8#





#87

Perylene-d12

Concen: 20.00 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF119438.D

Acq: 19 Mar 2020 2:15

Instrument :

BNA_F

ClientSampleId :

CBH-140

Tgt Ion: 264 Resp: 767564

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.2 16.9 25.3

