

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
 Data File : BF120087.D
 Acq On : 20 Apr 2020 19:34
 Operator : MA/SJ
 Sample : L2314-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 21 01:08:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 14:10:57 2020
 Response via : Initial Calibration

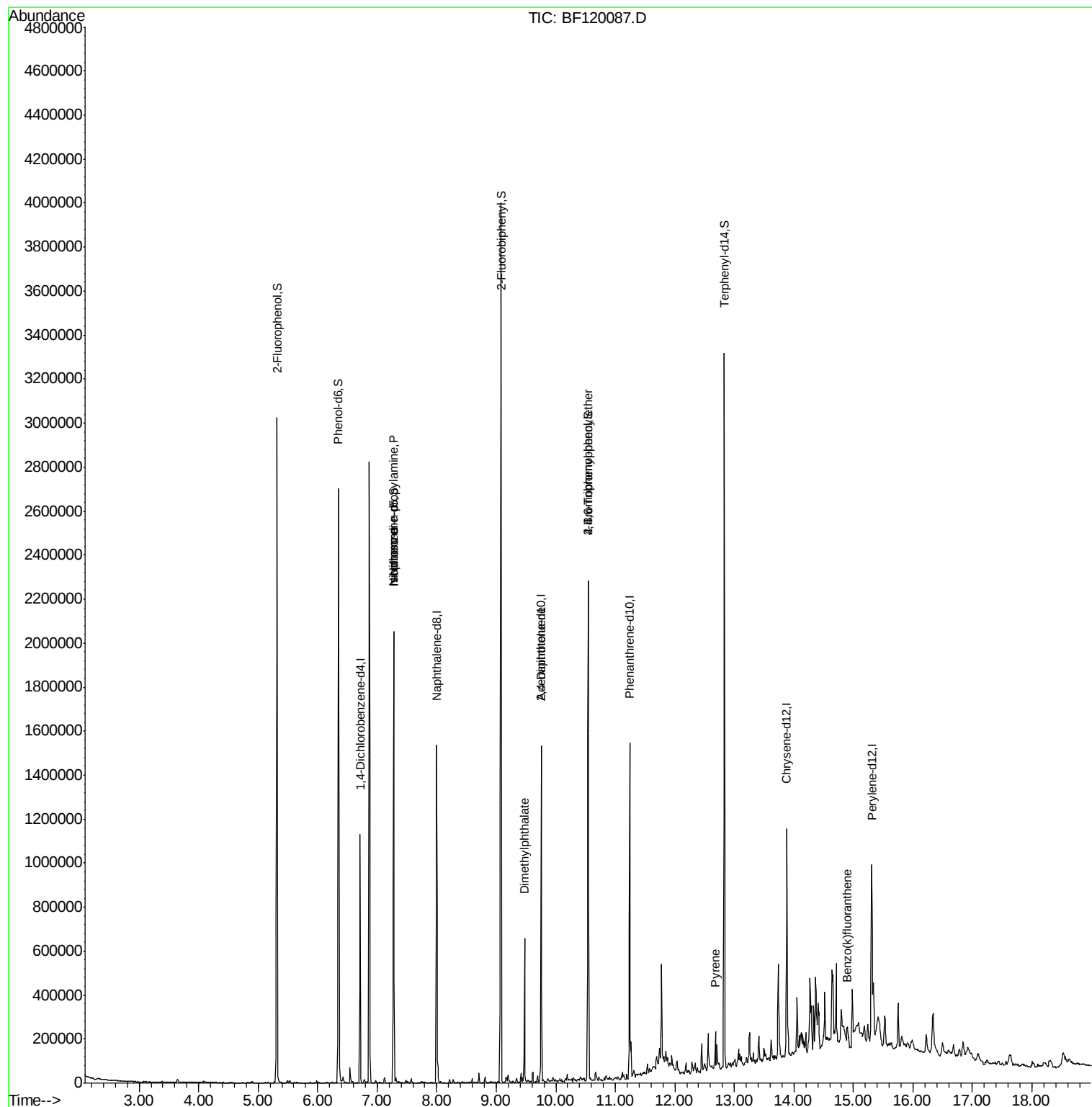
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	158700	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	605223	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	293665	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	523160	20.00	ng	-0.01
76) Chrysene-d12	13.88	240	322824	20.00	ng	-0.02
87) Perylene-d12	15.30	264	349302	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	732718	79.79	ng	0.00
7) Phenol-d6	6.35	99	970417	82.01	ng	-0.01
23) Nitrobenzene-d5	7.28	82	619047	52.92	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	233358	64.90	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	1194287	57.74	ng	0.00
79) Terphenyl-d14	12.83	244	1136898	59.26	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.26	77	479	Below Cal	Qvalue	# 31
19) n-Nitroso-di-n-propylamine	7.28	70	80252	10.547 ng	#	75
25) Isophorone	7.28	82	610655	27.078 ng	#	65
50) Dimethylphthalate	9.47	163	225090	9.910 ng	#	99
57) 2,4-Dinitrotoluene	9.76	165	37564	5.732 ng	#	23
67) 4-Bromophenyl-phenylether	10.55	248	15495	2.382 ng	#	1
78) Pyrene	12.68	202	62512	2.297 ng	#	99
89) Benzo(k)fluoranthene	14.90	252	49821	2.298 ng	#	89

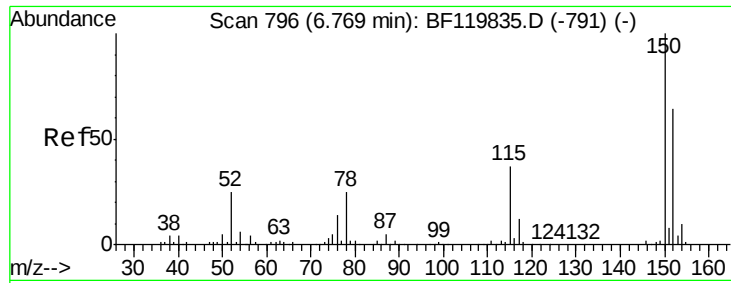
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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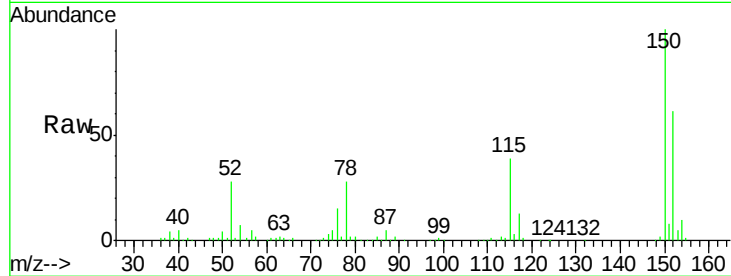


#1

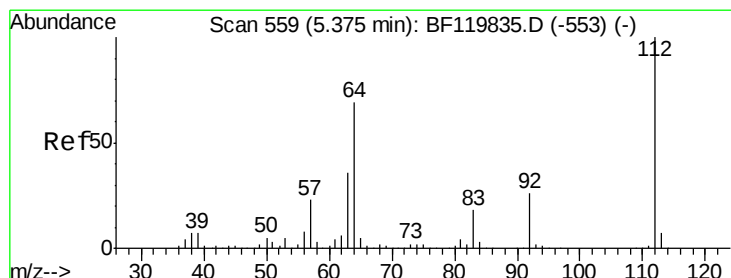
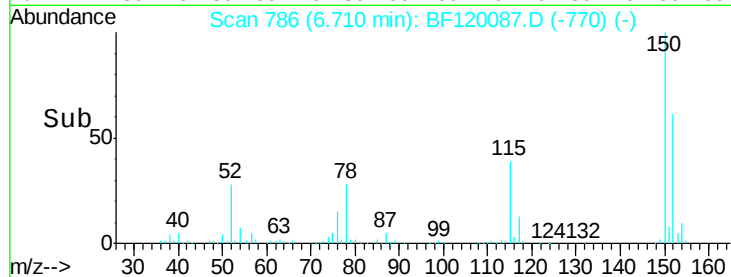
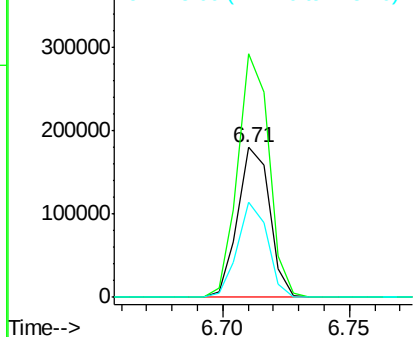
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF120087.D
Acq: 20 Apr 2020 19:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.6	124.8	187.2
115	63.4	46.5	69.7



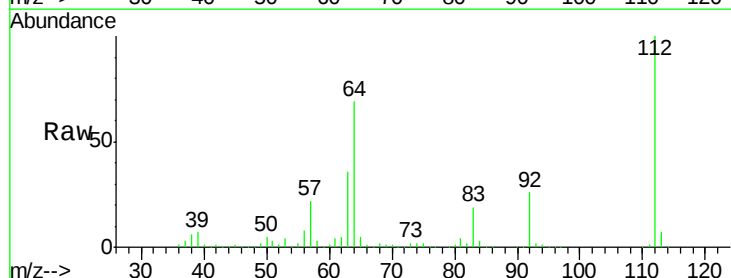
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



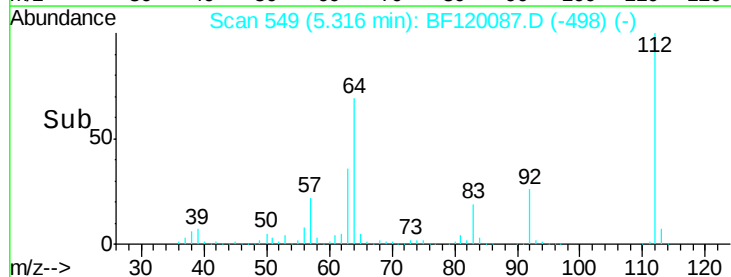
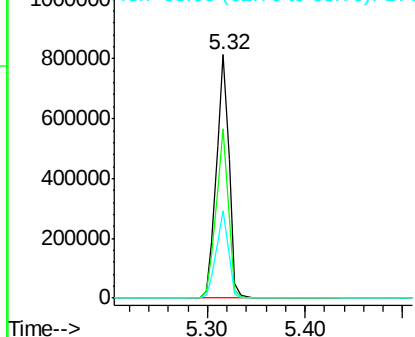
#5

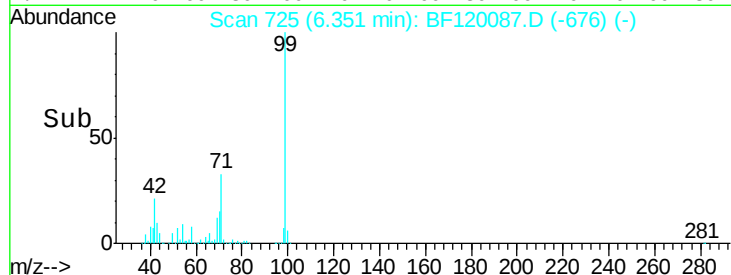
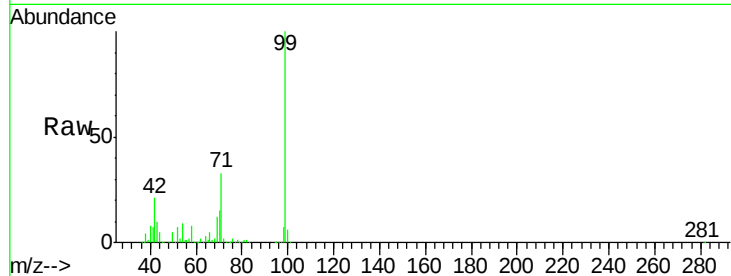
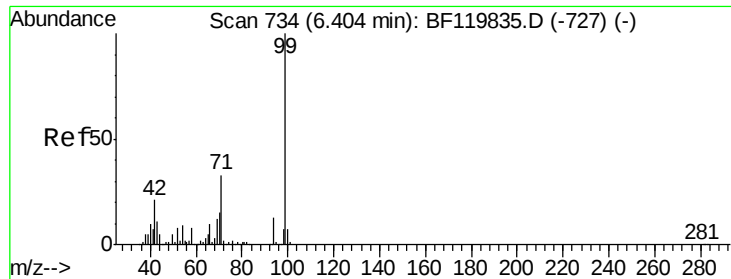
2-Fluorophenol
Concen: 79.790 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF120087.D
Acq: 20 Apr 2020 19:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.3	55.5	83.3
63	35.8	29.1	43.7



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: 82.011 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF120087.D

Acq: 20 Apr 2020 19:34

Instrument :

BNA_F

ClientSampleId :

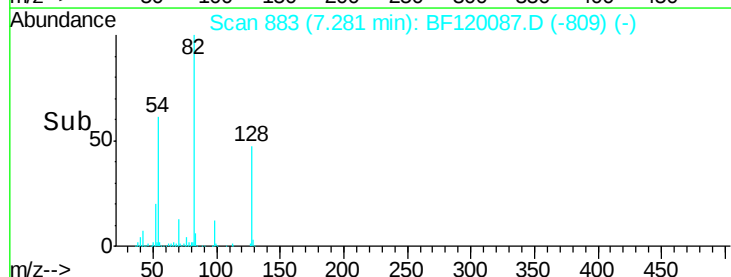
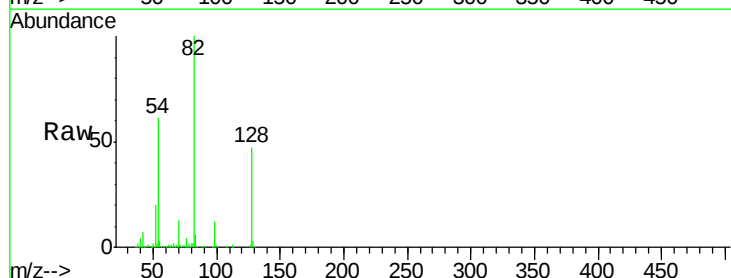
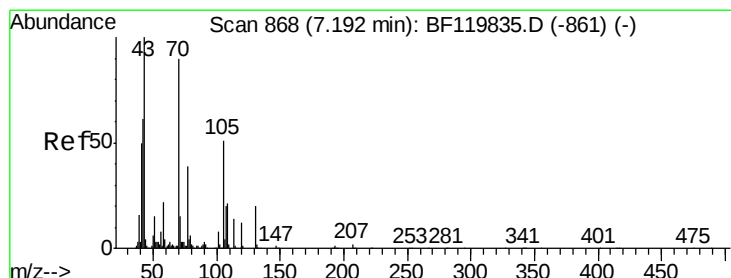
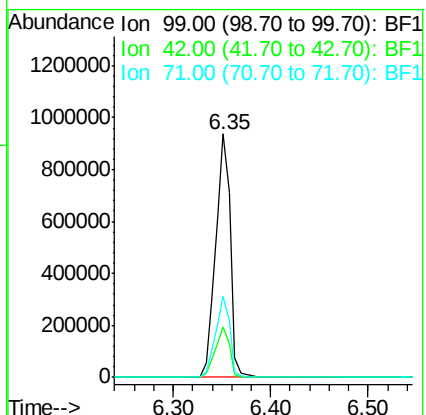
Tot Ion: 99 Resp: 970417

Ion Ratio Lower Upper

99 100

42 20.8 16.9 25.3

71 33.3 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 10.547 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.14 min

Lab File: BF120087.D

Acq: 20 Apr 2020 19:34

Tgt Ion: 70 Resp: 80252

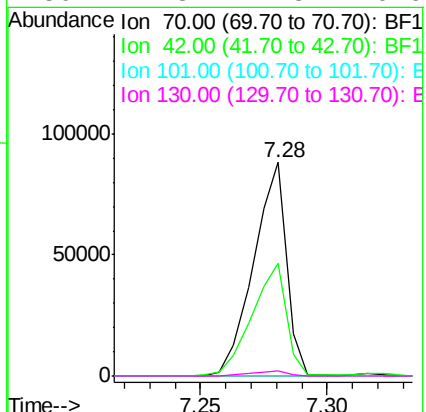
Ion Ratio Lower Upper

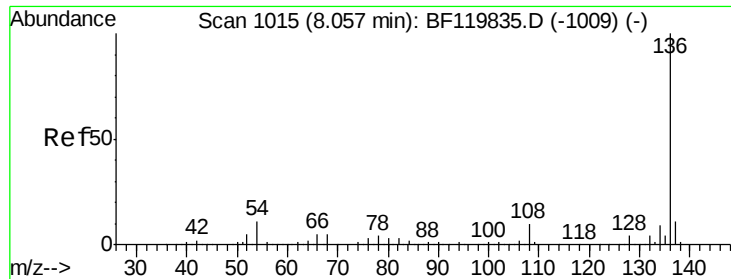
70 100

42 52.6 54.2 81.4#

101 0.0 7.4 11.2#

130 2.3 17.8 26.6#

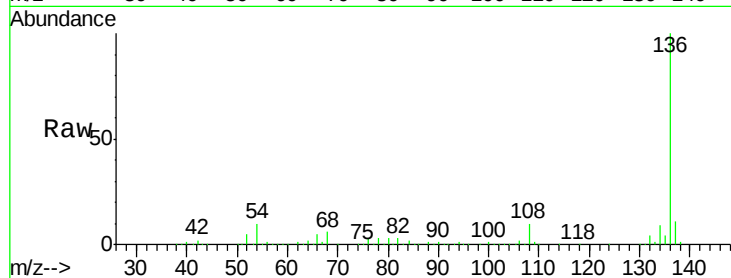




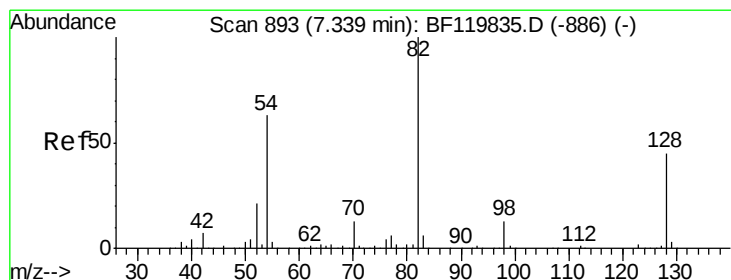
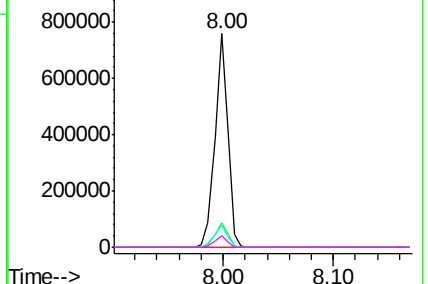
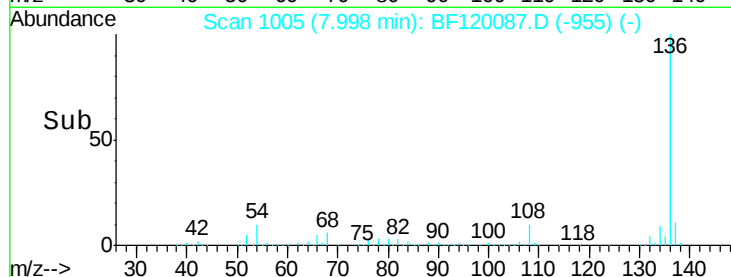
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF120087.D
Acq: 20 Apr 2020 19:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	605223
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.7 13.1
54	10.2	8.5 12.7
68	5.7	3.9 5.9

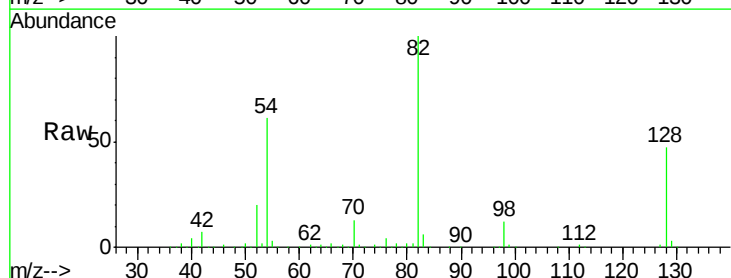


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

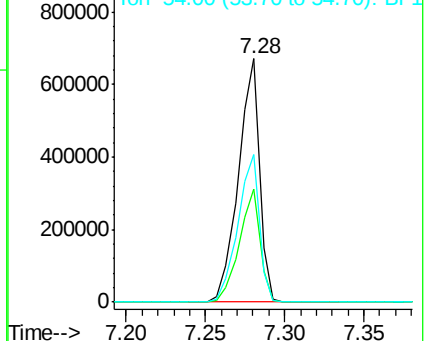
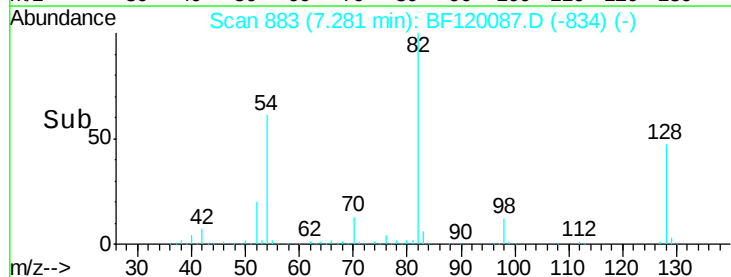


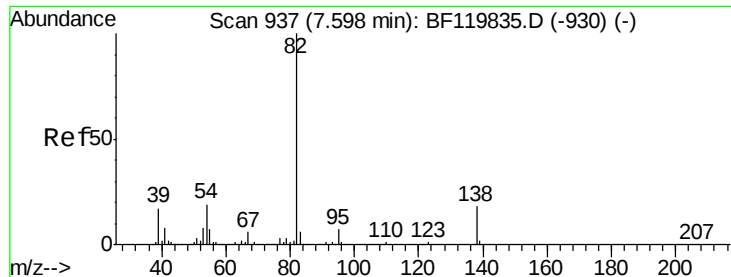
#23
Nitrobenzene-d5
Concen: 52.915 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF120087.D
Acq: 20 Apr 2020 19:34

Tgt Ion: 82	Resp:	619047
Ion	Ratio	Lower Upper
82	100	
128	46.6	36.2 54.4
54	60.7	50.4 75.6



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: 27.078 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.27 min

Lab File: BF120087.D

Acq: 20 Apr 2020 19:34

Instrument :

BNA_F

ClientSampleId :

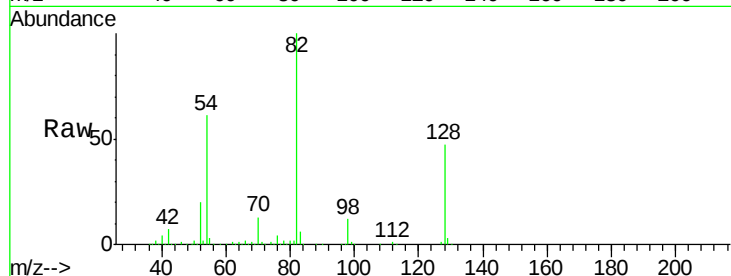
Tot Ion: 82 Resp: 610655

Ion Ratio Lower Upper

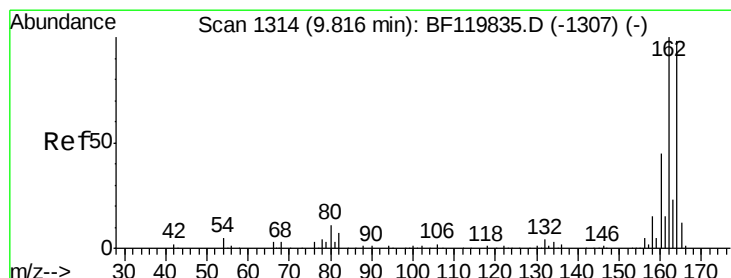
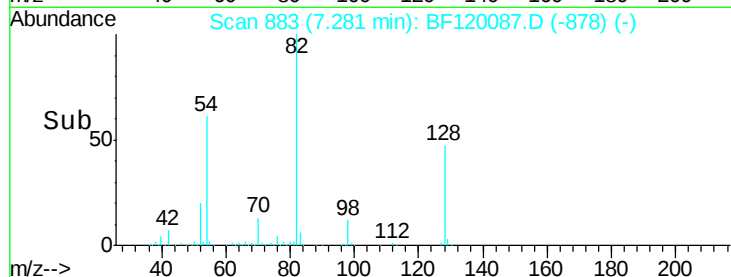
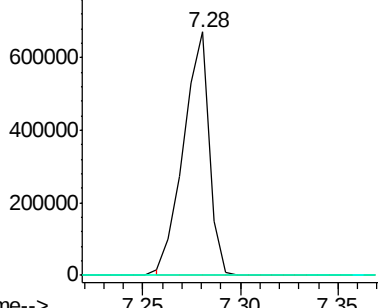
82 100

95 0.0 5.8 8.6#

138 0.0 14.5 21.7#



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: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF120087.D

Acq: 20 Apr 2020 19:34

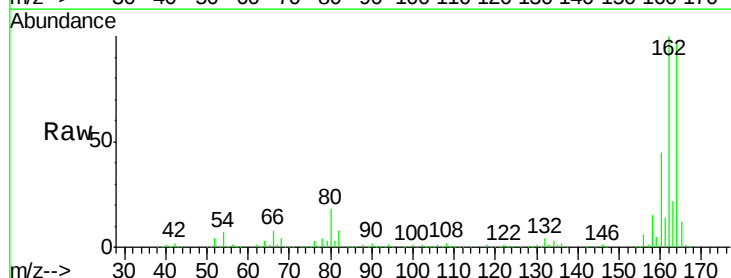
Tgt Ion:164 Resp: 293665

Ion Ratio Lower Upper

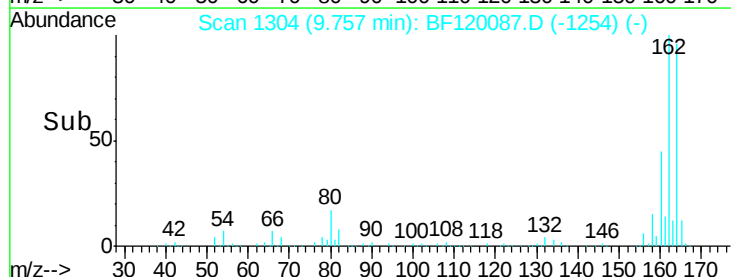
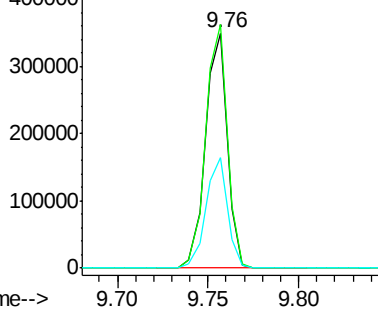
164 100

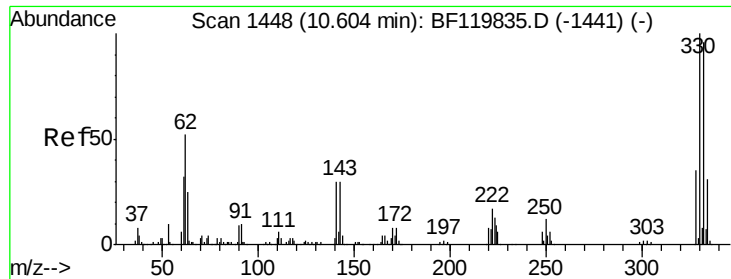
162 103.5 81.9 122.9

160 46.7 36.6 54.8



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

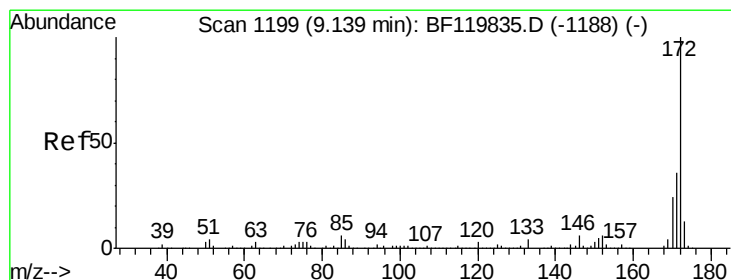
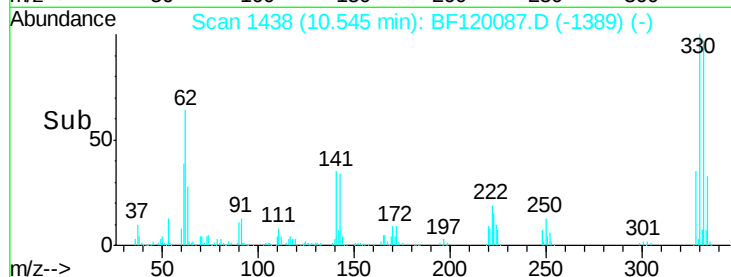
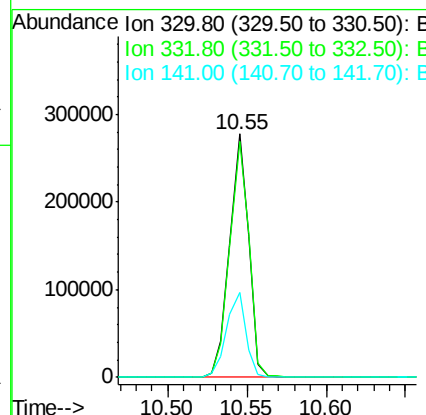
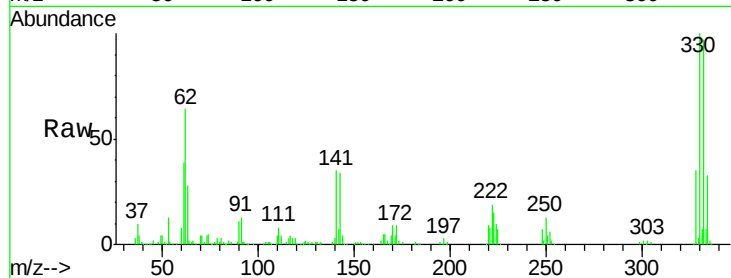




#42
 2,4,6-Tribromophenol
 Concen: 64.904 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF120087.D
 Acq: 20 Apr 2020 19:34

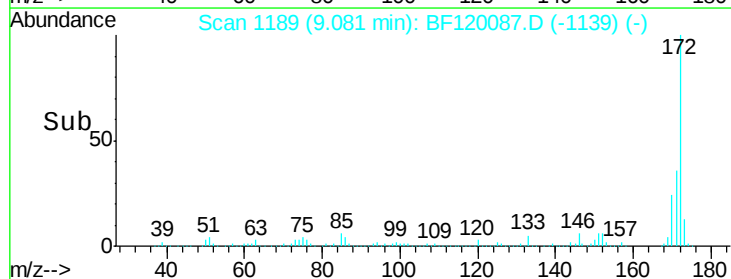
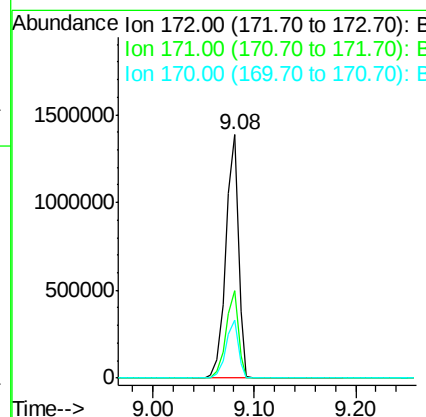
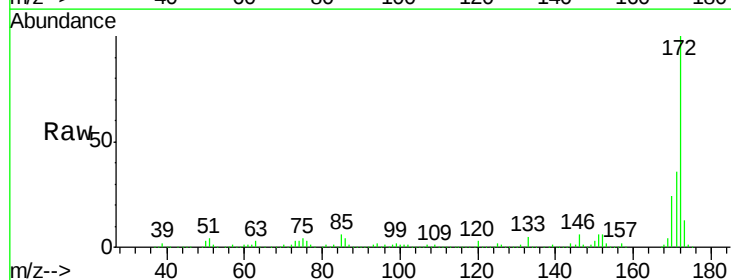
Instrument :
 BNA_F
 ClientSampleId :

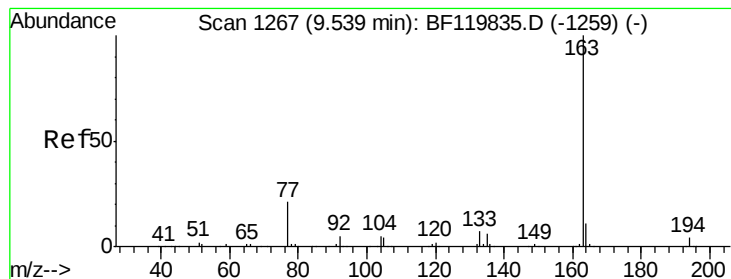
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.8	115.2
141	35.6	25.1	37.7



#45
 2-Fluorobiphenyl
 Concen: 57.740 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF120087.D
 Acq: 20 Apr 2020 19:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	23.9	19.4	29.2





#50

Dimethylphthalate

Concen: 9.910 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.02 min

Lab File: BF120087.D

Acq: 20 Apr 2020 19:34

Instrument :

BNA_F

ClientSampleId :

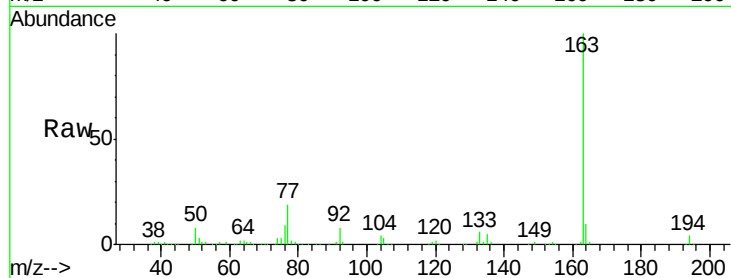
Tot Ion:163 Resp: 225090

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

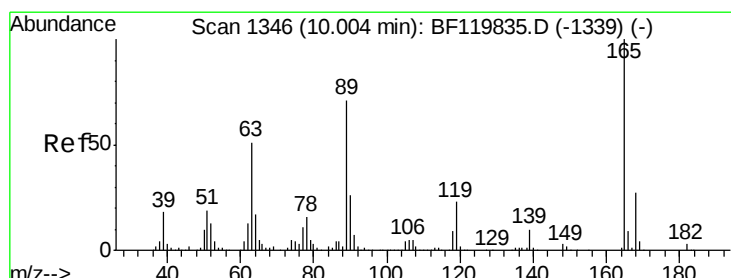
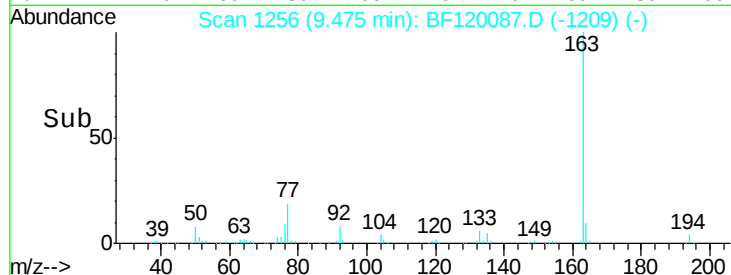
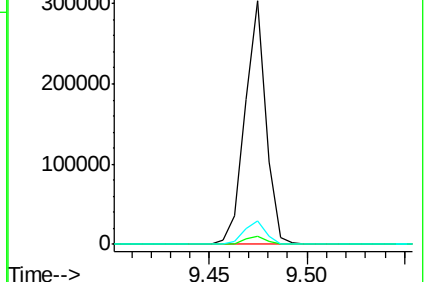
164 9.9 8.4 12.6



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: 5.732 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.21 min

Lab File: BF120087.D

Acq: 20 Apr 2020 19:34

Tgt Ion:165 Resp: 37564

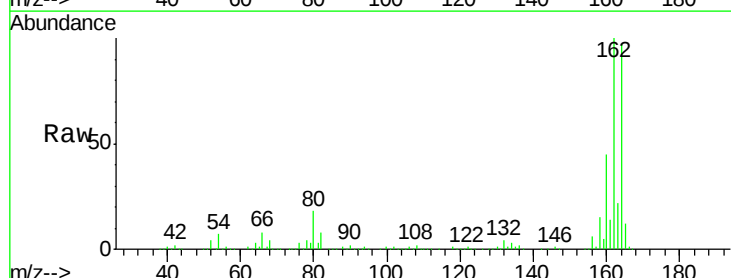
Ion Ratio Lower Upper

165 100

63 1.9 40.8 61.2#

89 1.6 56.9 85.3#

182 0.0 2.0 3.0#

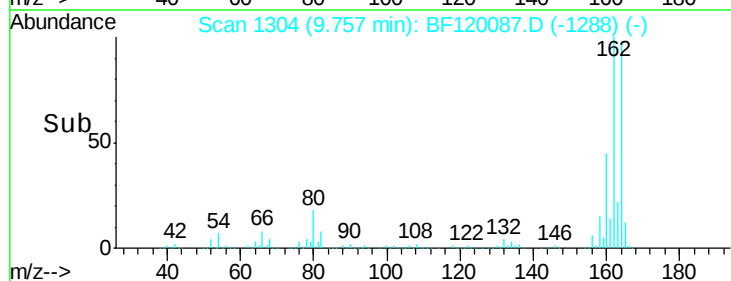
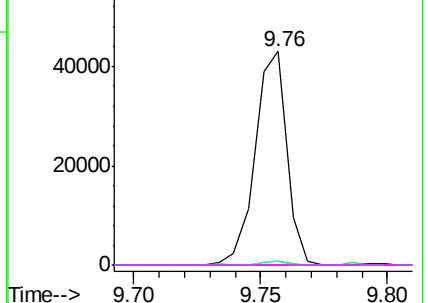


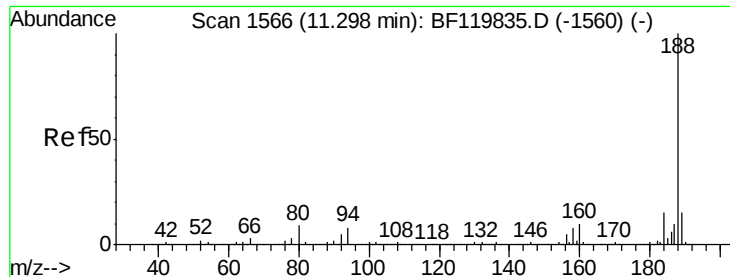
Abundance Ion 165.00 (164.70 to 165.70): E

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

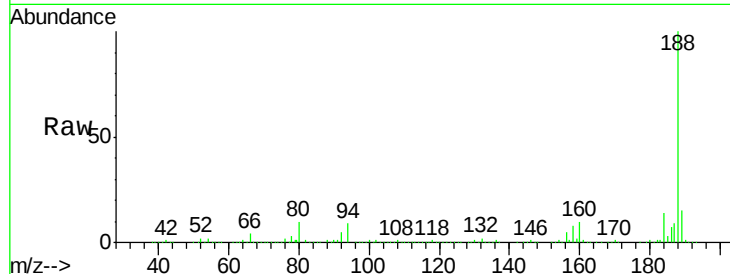




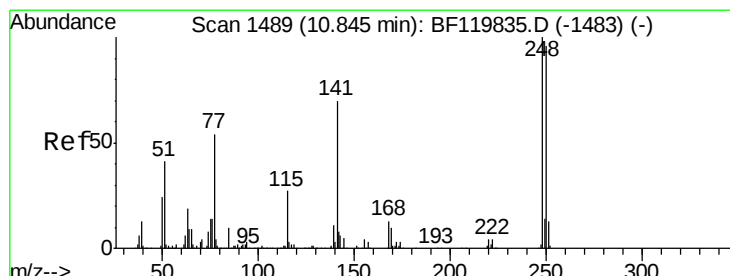
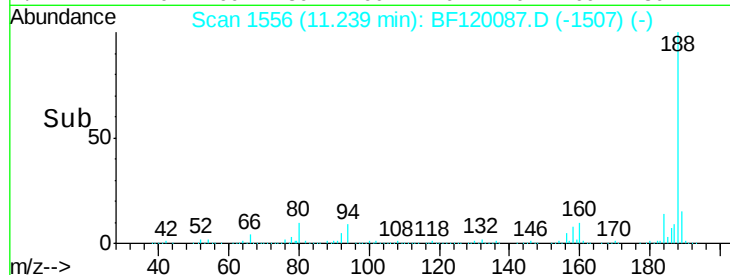
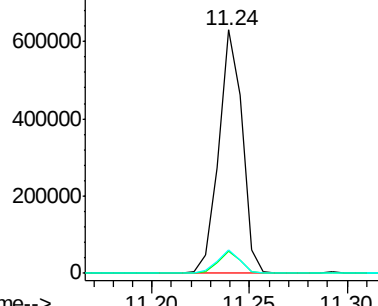
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF120087.D
 Acq: 20 Apr 2020 19:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 523160
 Ion Ratio Lower Upper
 188 100
 94 9.3 6.7 10.1
 80 9.6 7.4 11.2

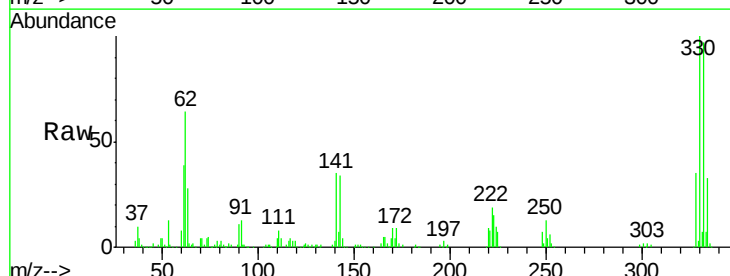


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

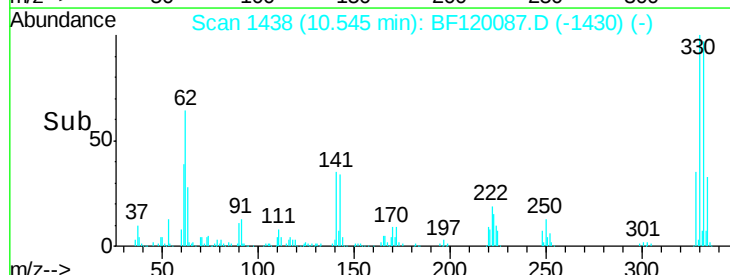
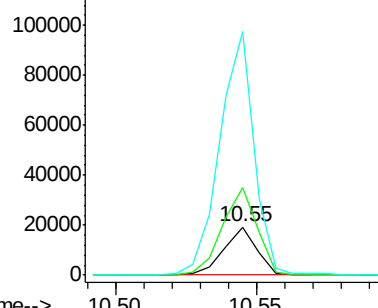


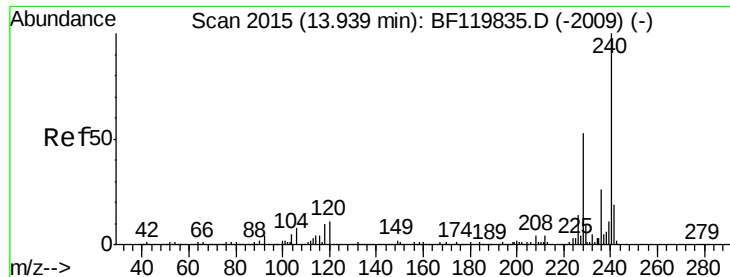
#67
 4-Bromophenyl-phenylether
 Concen: 2.382 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF120087.D
 Acq: 20 Apr 2020 19:34

Tgt Ion:248 Resp: 15495
 Ion Ratio Lower Upper
 248 100
 250 181.9 76.6 114.8#
 141 508.3 55.9 83.9#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

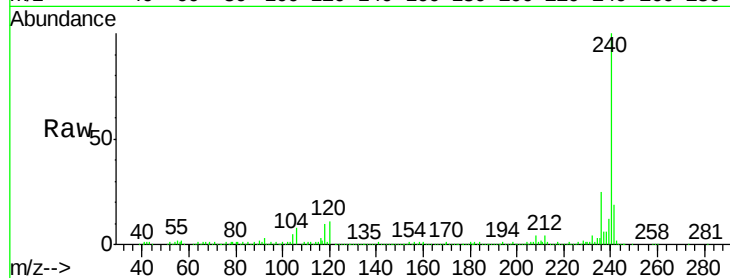




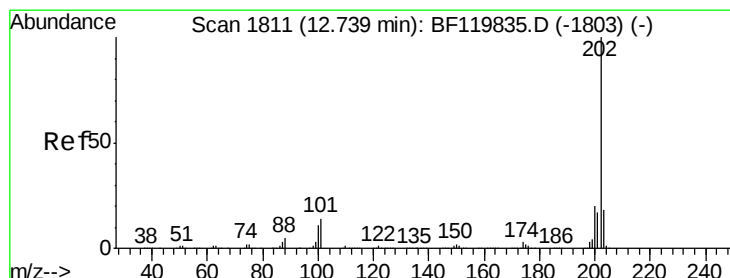
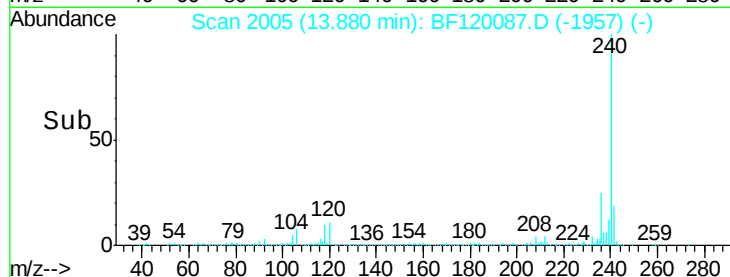
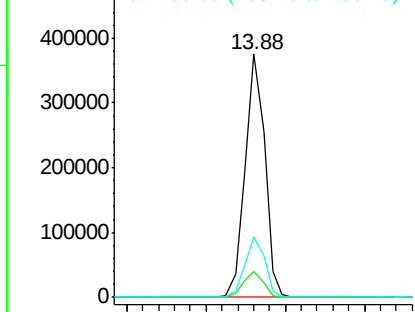
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF120087.D
Acq: 20 Apr 2020 19:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 322824
Ion Ratio Lower Upper
240 100
120 10.7 9.0 13.6
236 24.9 20.7 31.1

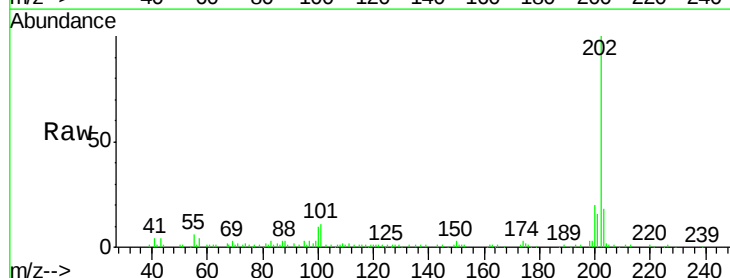


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

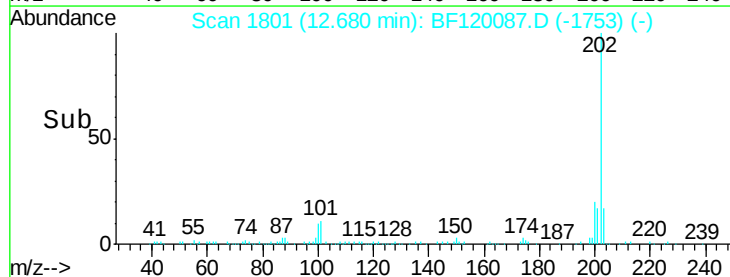
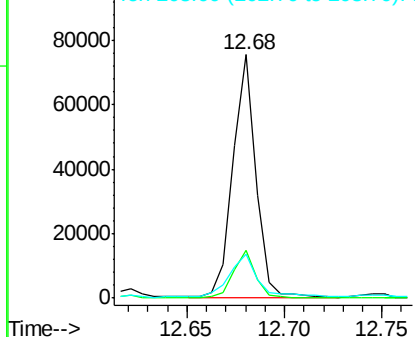


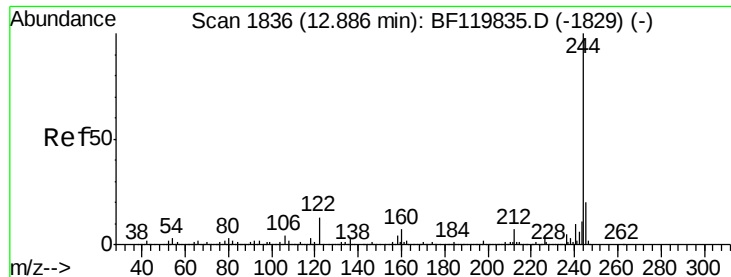
#78
Pyrene
Concen: 2.297 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.02 min
Lab File: BF120087.D
Acq: 20 Apr 2020 19:34

Tgt Ion:202 Resp: 62512
Ion Ratio Lower Upper
202 100
200 19.8 16.2 24.2
203 18.0 14.1 21.1



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: 59.258 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF120087.D

Acq: 20 Apr 2020 19:34

Instrument :

BNA_F

ClientSampleId :

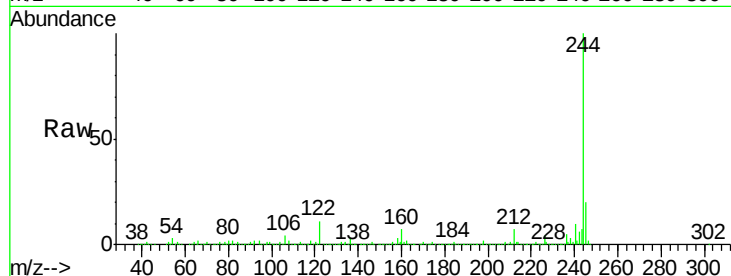
Tot Ion:244 Resp: 1136898

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

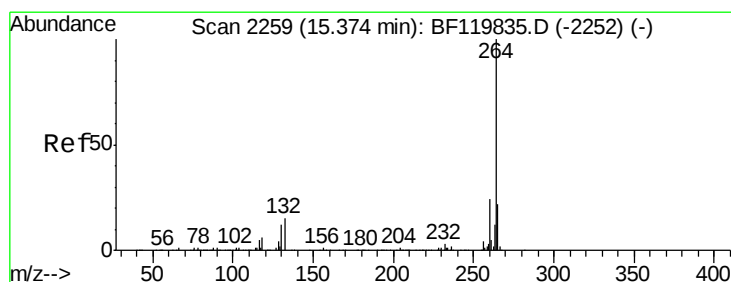
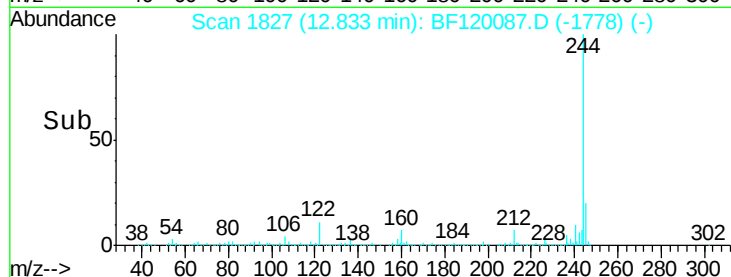
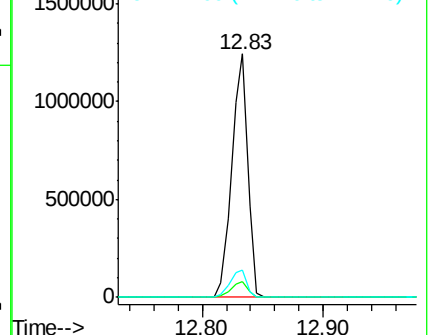
122 11.3 10.3 15.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2247

Delta R.T. -0.02 min

Lab File: BF120087.D

Acq: 20 Apr 2020 19:34

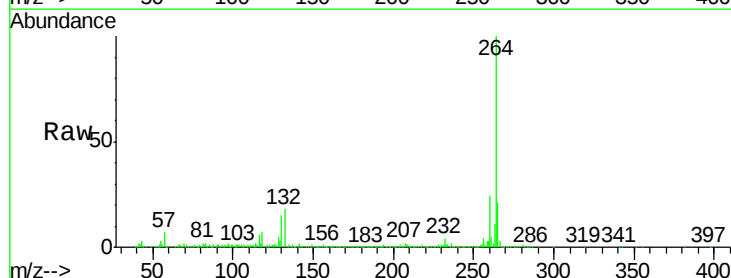
Tgt Ion:264 Resp: 349302

Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

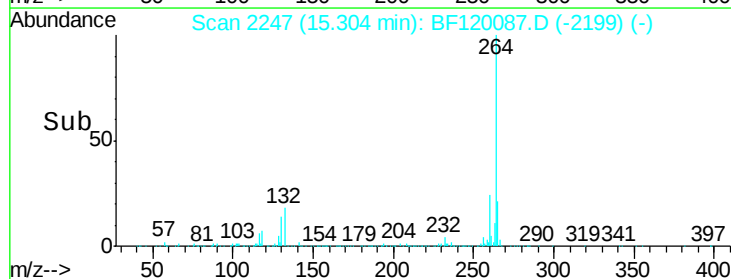
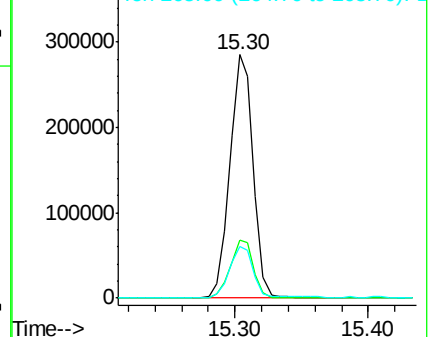
265 21.3 17.6 26.4

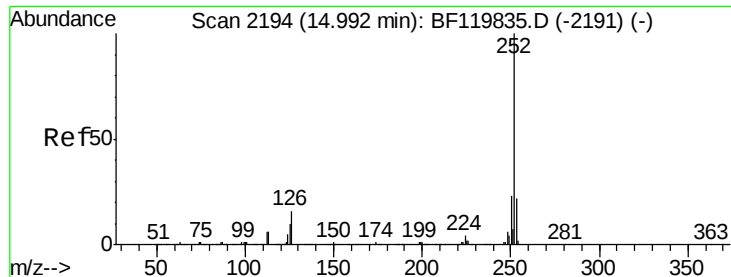


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

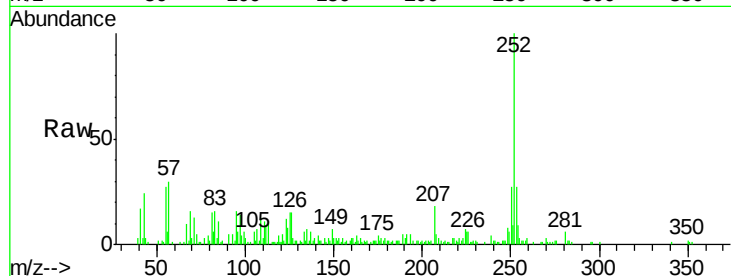




#89
Benzo(k)fluoranthene
Concen: 2.298 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.05 min
Lab File: BF120087.D
Acq: 20 Apr 2020 19:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.8	26.8#
125	14.6	7.7	11.5#



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

