

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112010.D
 Acq On : 11 Jan 2019 12:57
 Operator : JU/SJ
 Sample : K1124-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 11 21:21:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

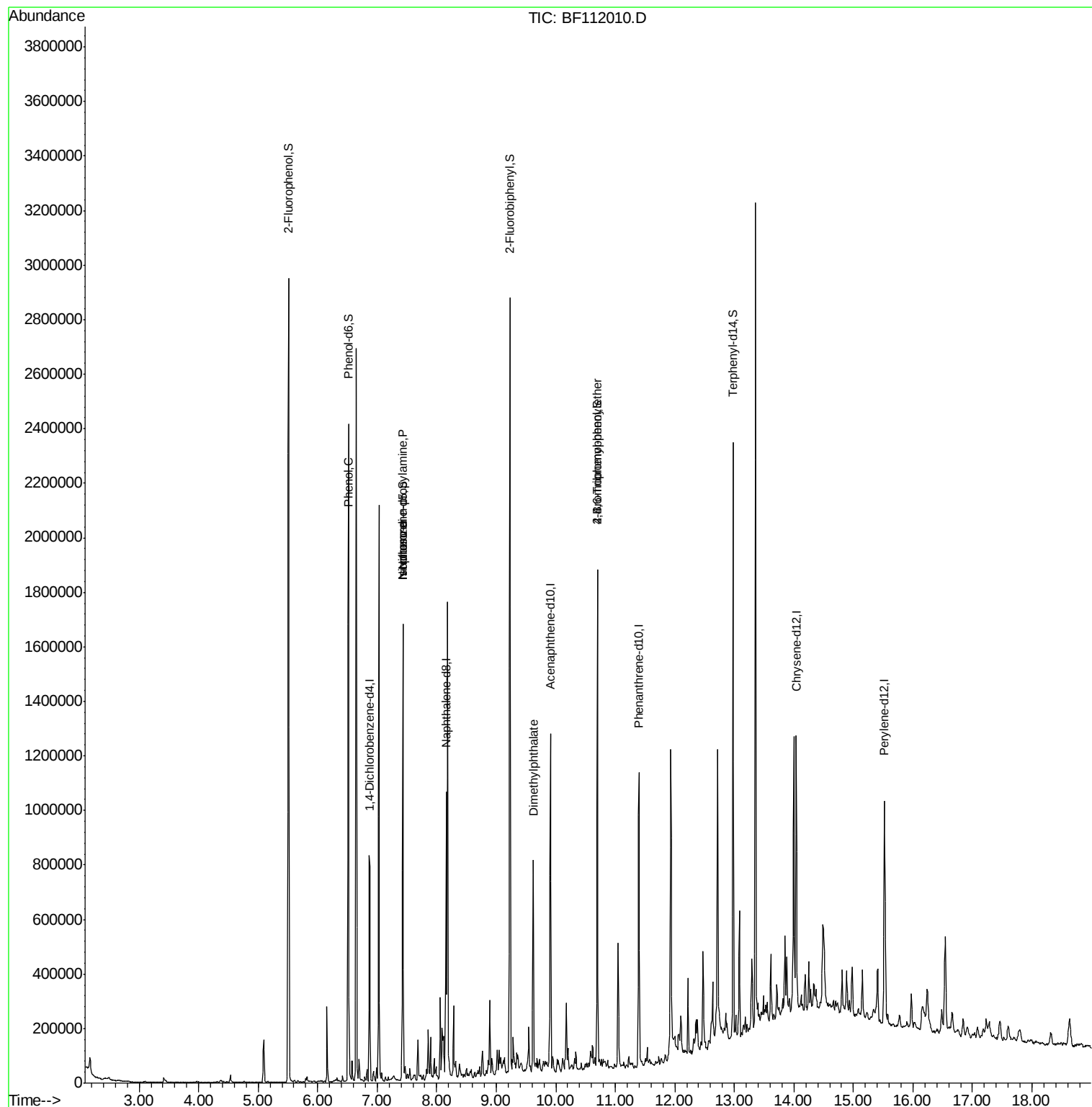
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	123197	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	470445	20.00	ng	-0.02
39) Acenaphthene-d10	9.91	164	227129	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	375610	20.00	ng	-0.02
76) Chrysene-d12	14.04	240	300618	20.00	ng	-0.02
87) Perylene-d12	15.52	264	318738	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	772403	107.26	ng	-0.01
7) Phenol-d6	6.52	99	871902	93.94	ng	-0.02
23) Nitrobenzene-d5	7.43	82	548811	62.35	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	236452	80.04	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	813942	52.26	ng	-0.02
79) Terphenyl-d14	12.98	244	667702	42.16	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.42	77	3293	Below Cal		Qvalue 92
10) Phenol	6.53	94	20961	2.078 ng		86
19) n-Nitroso-di-n-propylamine	7.43	70	74574	12.366 ng	#	75
25) Isophorone	7.43	82	543914	38.159 ng	#	65
50) Dimethylphthalate	9.62	163	310494	18.198 ng		99
67) 4-Bromophenyl-phenylether	10.70	248	13984	2.874 ng	#	1

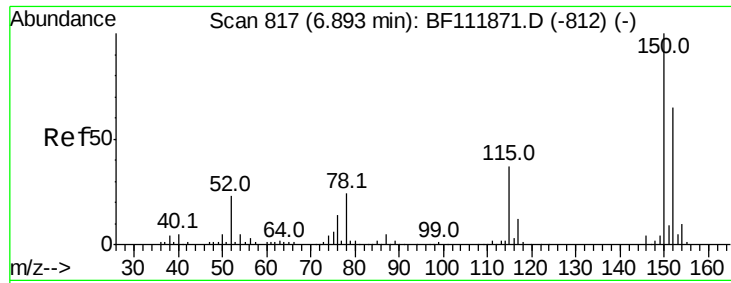
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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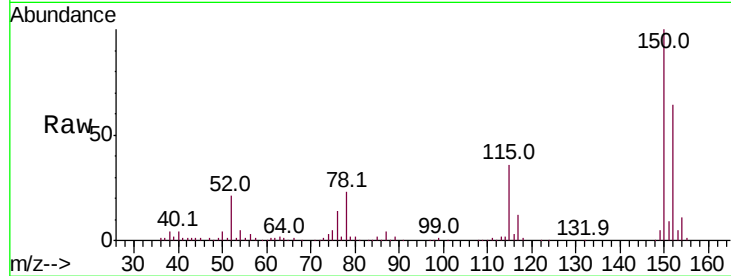


#1

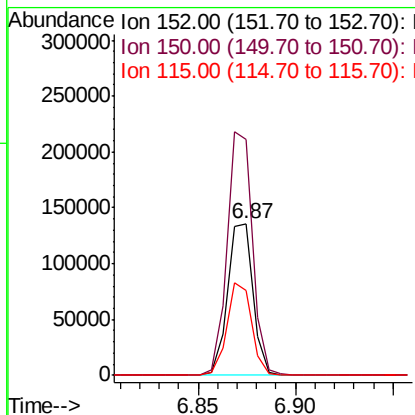
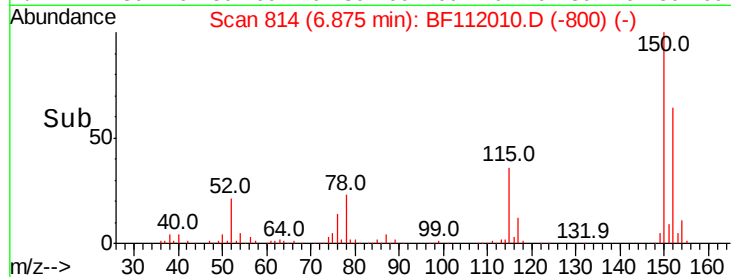
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF112010.D
Acq: 11 Jan 2019 12:57

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	122.7	184.1
115	55.9	45.2	67.8



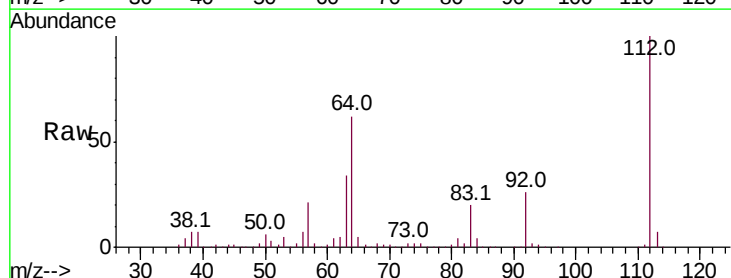
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



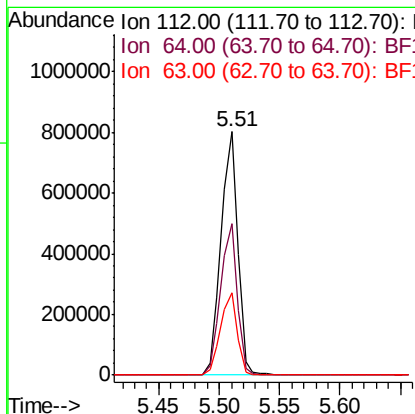
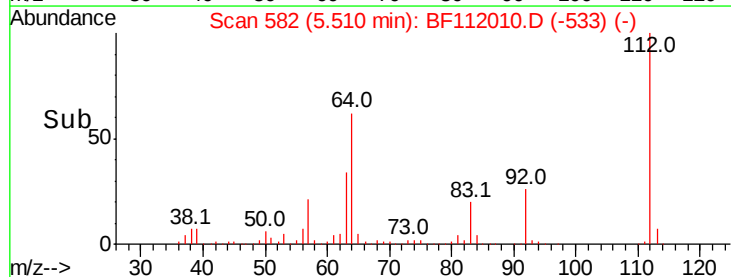
#5

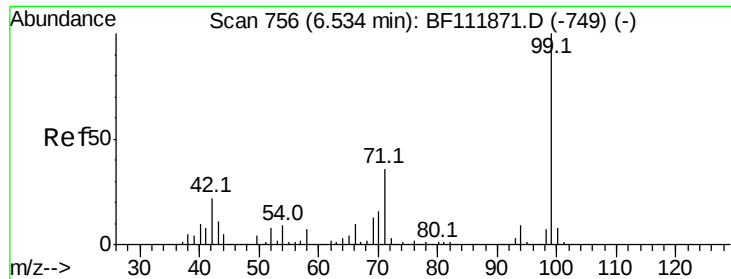
2-Fluorophenol
Concen: 107.262 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF112010.D
Acq: 11 Jan 2019 12:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	48.3	72.5
63	34.0	26.1	39.1



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: 93.942 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF112010.D

Acq: 11 Jan 2019 12:57

Instrument :
BNA_F
ClientSampled :

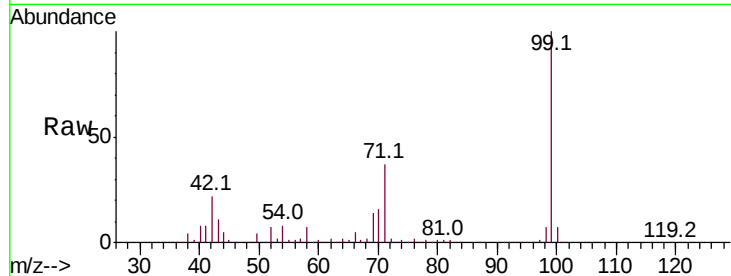
Tot Ion: 99 Resp: 871902

Ion Ratio Lower Upper

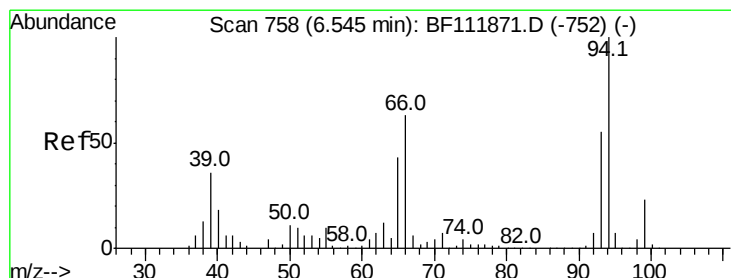
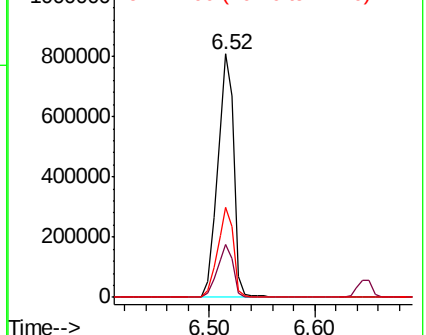
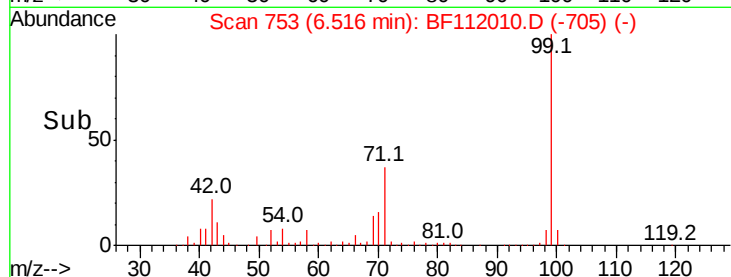
99 100

42 21.7 17.9 26.9

71 36.8 28.7 43.1



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



#10

Phenol

Concen: 2.078 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF112010.D

Acq: 11 Jan 2019 12:57

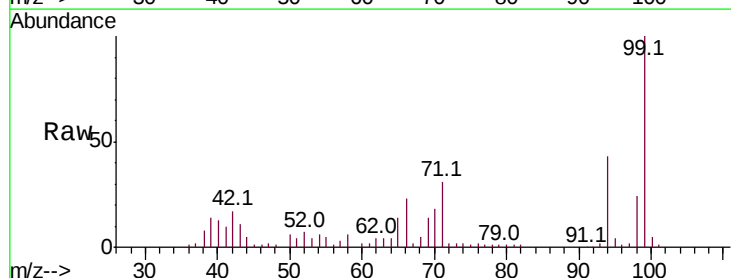
Tgt Ion: 94 Resp: 20961

Ion Ratio Lower Upper

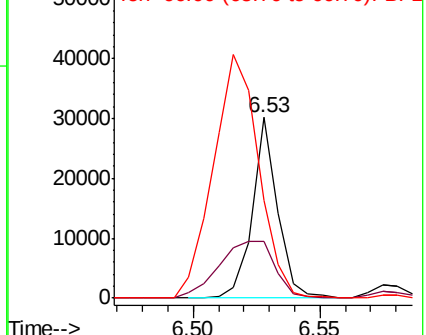
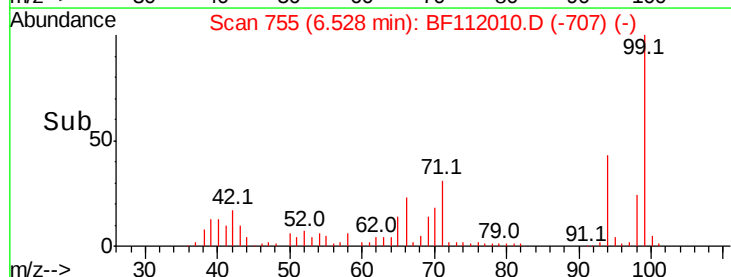
94 100

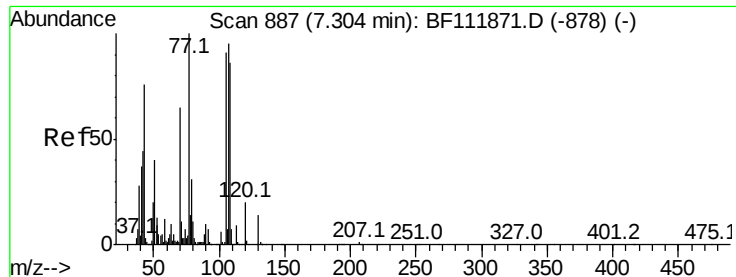
65 31.7 22.8 62.8

66 53.8 43.3 83.3



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

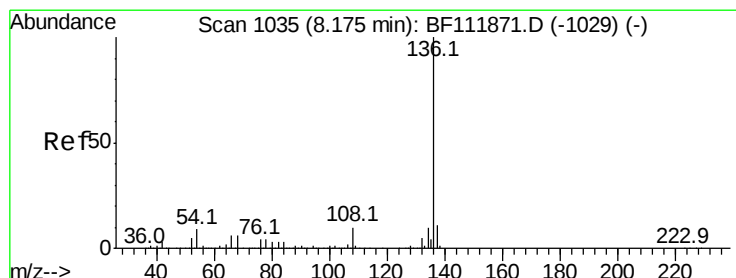
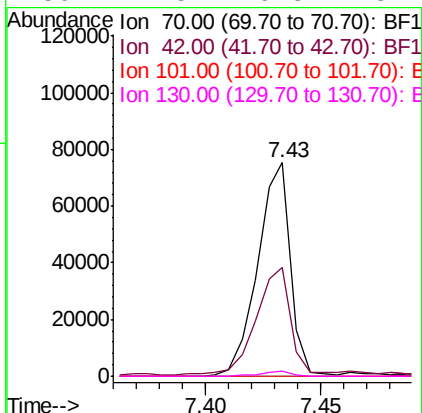
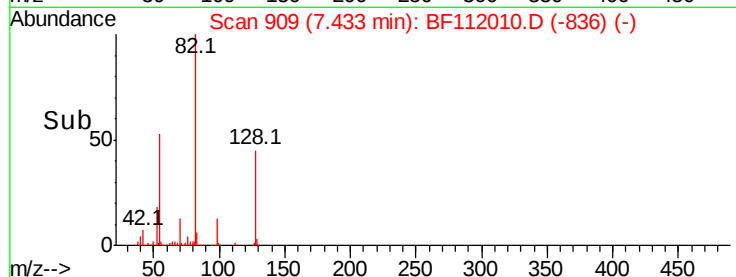
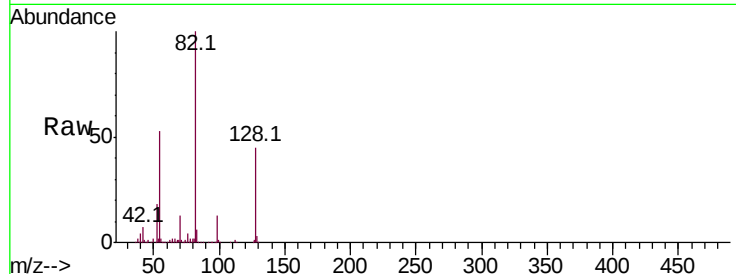




#19
n-Nitroso-di-n-propylamine
Concen: 12.366 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.13 min
Lab File: BF112010.D
Acq: 11 Jan 2019 12:57

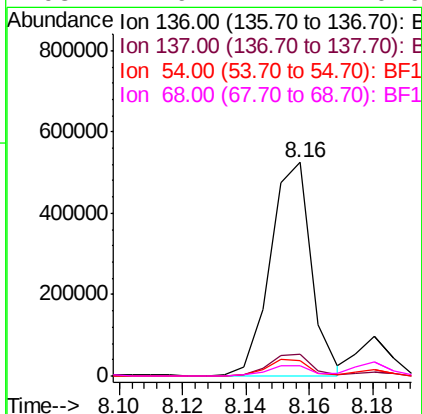
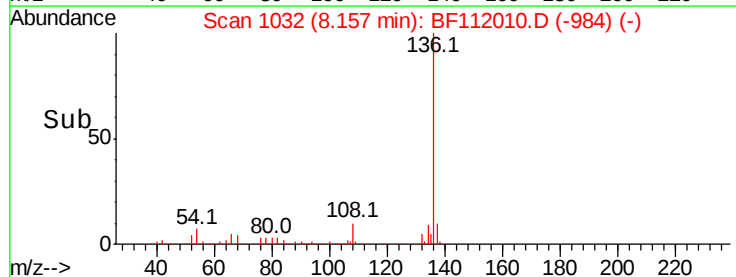
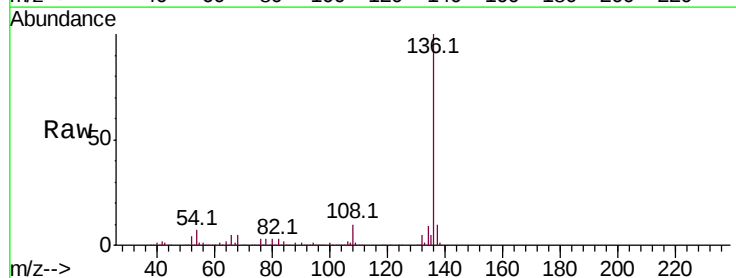
Instrument :
BNA_F
ClientSampleId :

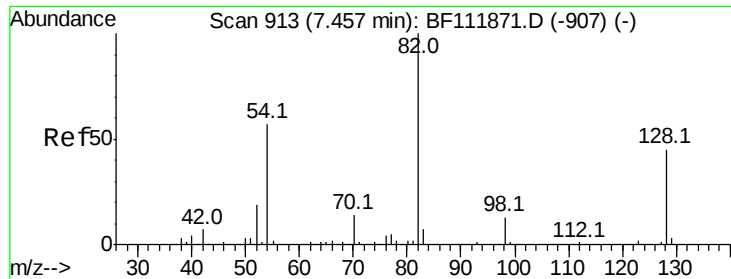
Tot Ion: 70 Resp: 74574
Ion Ratio Lower Upper
70 100
42 50.7 53.6 80.4#
101 0.0 7.3 10.9#
130 2.5 16.8 25.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF112010.D
Acq: 11 Jan 2019 12:57

Tgt Ion: 136 Resp: 470445
Ion Ratio Lower Upper
136 100
137 10.4 9.1 13.7
54 7.2 7.2 10.8
68 4.6 4.4 6.6





#23

Nitrobenzene-d5

Concen: 62.348 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF112010.D

Acq: 11 Jan 2019 12:57

Instrument :

BNA_F

ClientSampled :

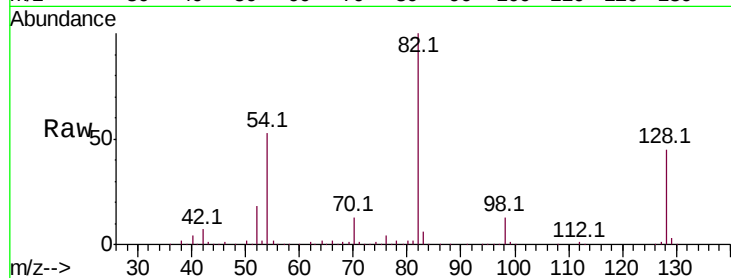
Tot Ion: 82 Resp: 548811

Ion Ratio Lower Upper

82 100

128 44.8 35.7 53.5

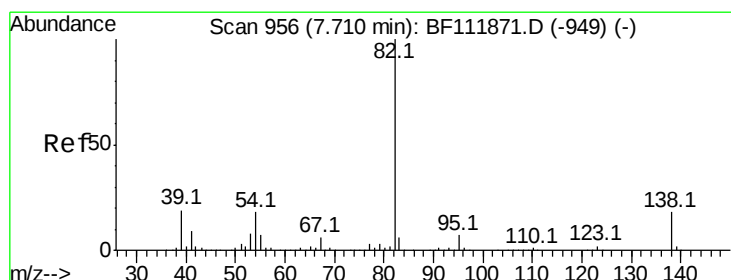
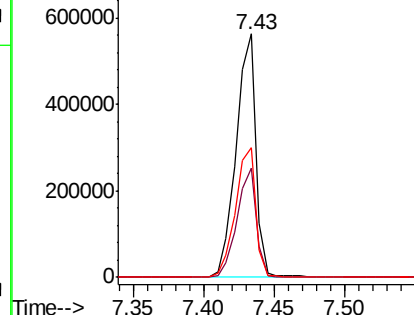
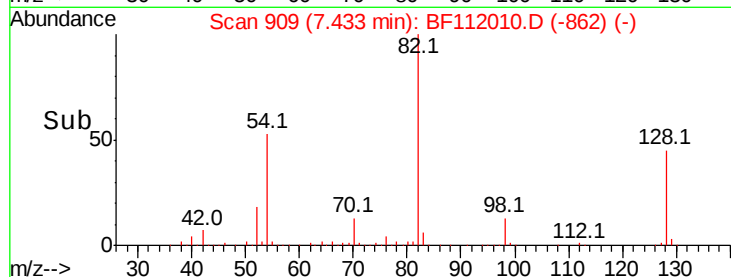
54 53.1 45.8 68.8



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: 38.159 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.28 min

Lab File: BF112010.D

Acq: 11 Jan 2019 12:57

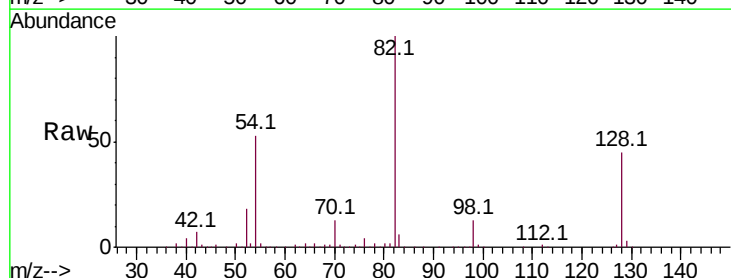
Tgt Ion: 82 Resp: 543914

Ion Ratio Lower Upper

82 100

95 0.1 5.8 8.6#

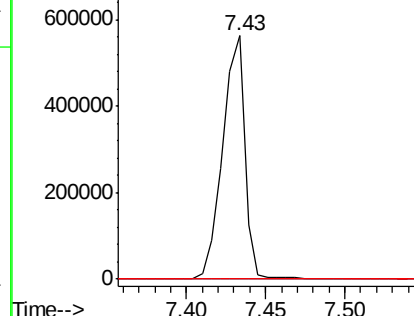
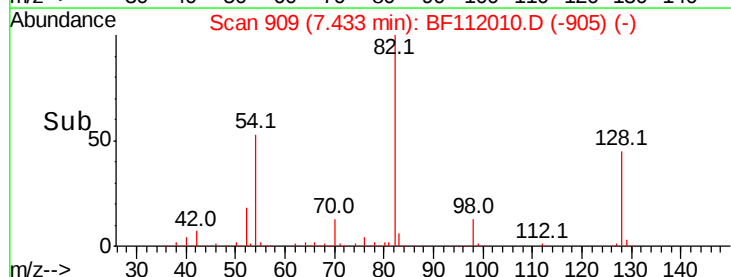
138 0.0 14.4 21.6#

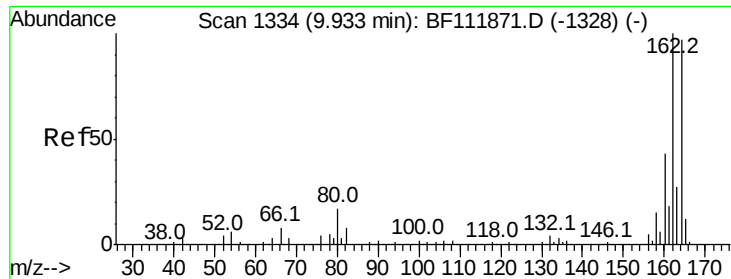


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF112010.D

Acq: 11 Jan 2019 12:57

Instrument :

BNA_F

ClientSampleId :

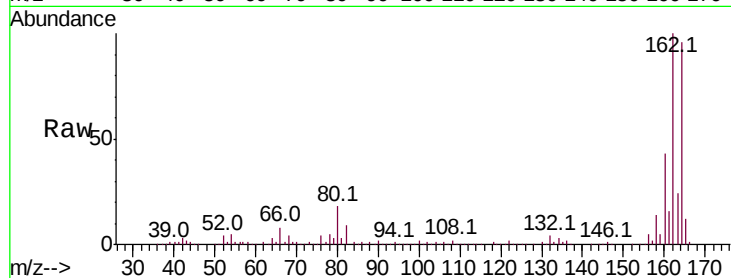
Tot Ion:164 Resp: 227129

Ion Ratio Lower Upper

164 100

162 103.7 82.2 123.2

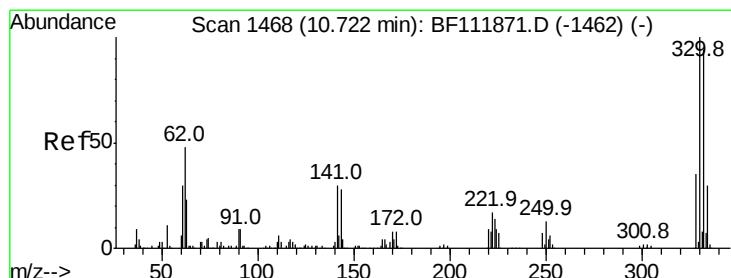
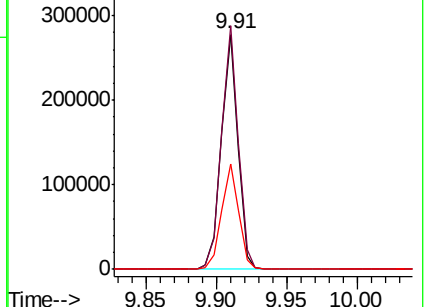
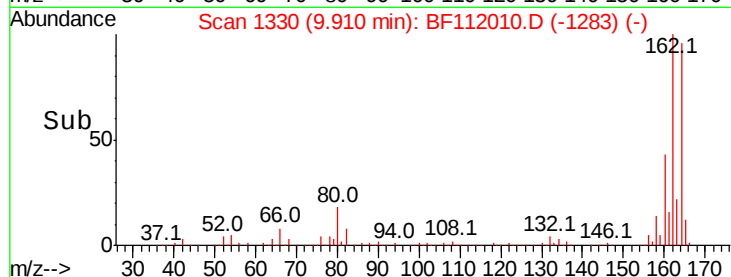
160 44.8 35.5 53.3



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: 80.038 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.02 min

Lab File: BF112010.D

Acq: 11 Jan 2019 12:57

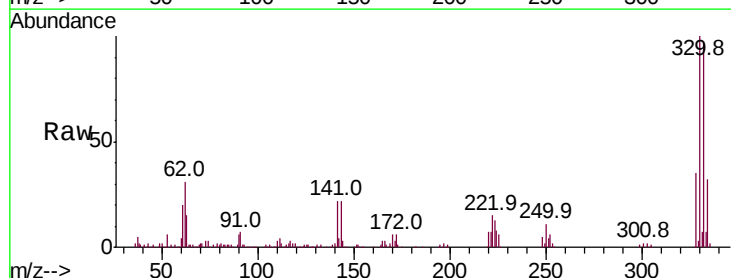
Tgt Ion:330 Resp: 236452

Ion Ratio Lower Upper

330 100

332 97.3 76.9 115.3

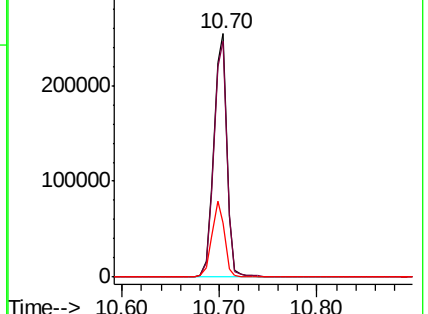
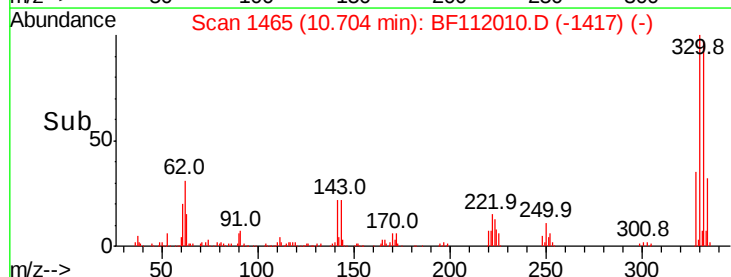
141 30.2 23.7 35.5

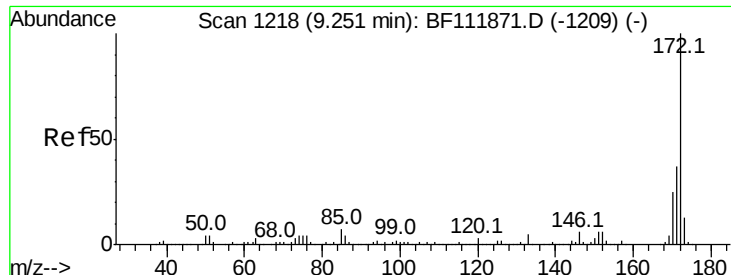


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

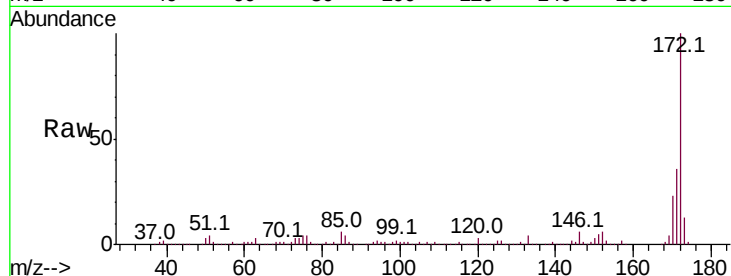




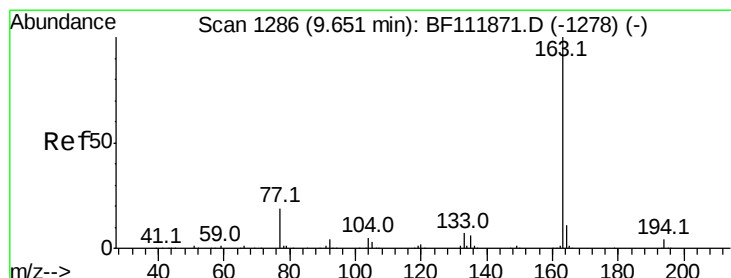
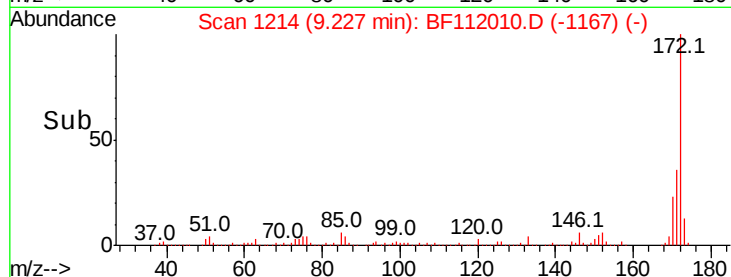
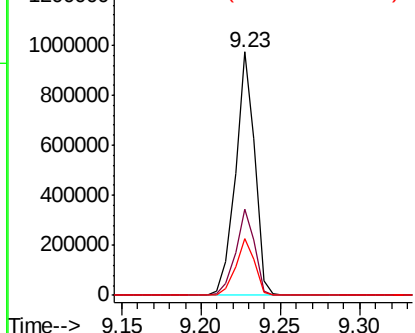
#45
2-Fluorobiphenyl
Concen: 52.256 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF112010.D
Acq: 11 Jan 2019 12:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 813942
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 23.4 19.8 29.8

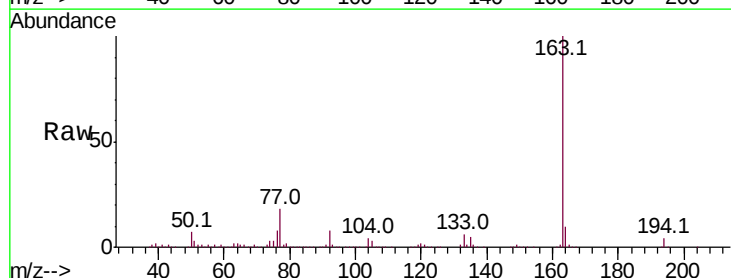


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

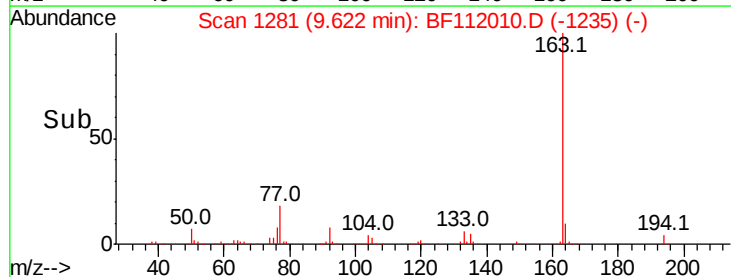
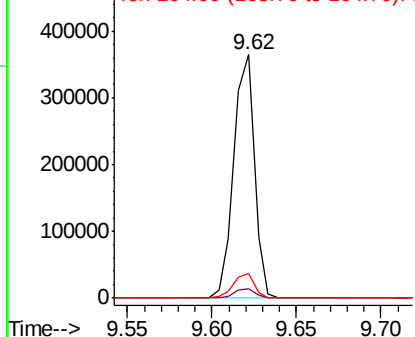


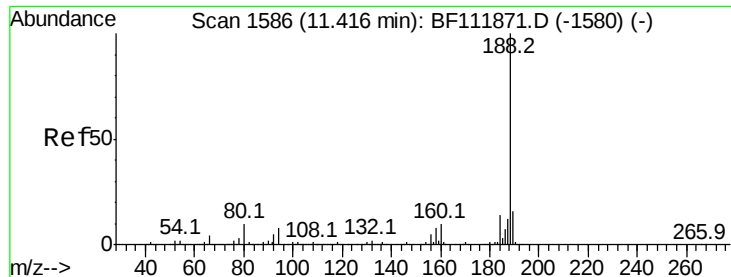
#50
Dimethylphthalate
Concen: 18.198 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF112010.D
Acq: 11 Jan 2019 12:57

Tgt Ion:163 Resp: 310494
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.0 8.5 12.7



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

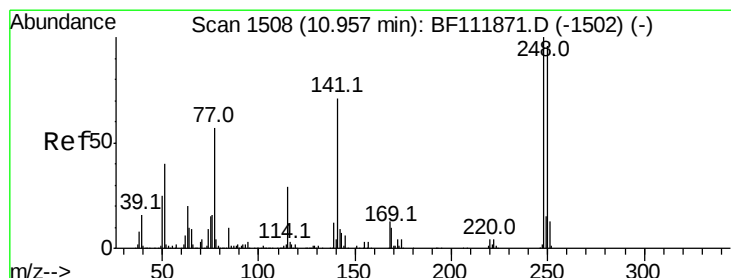
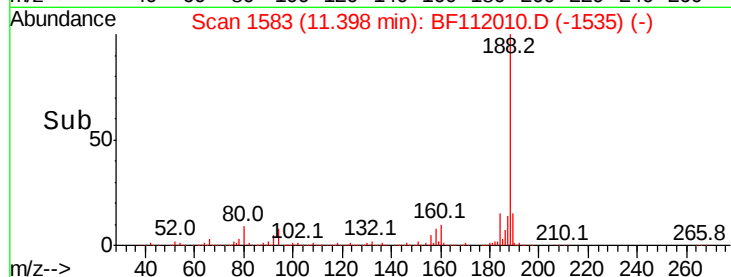
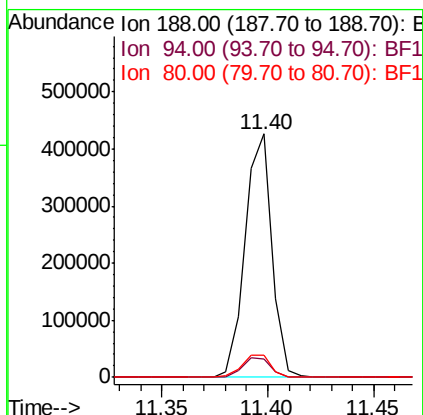
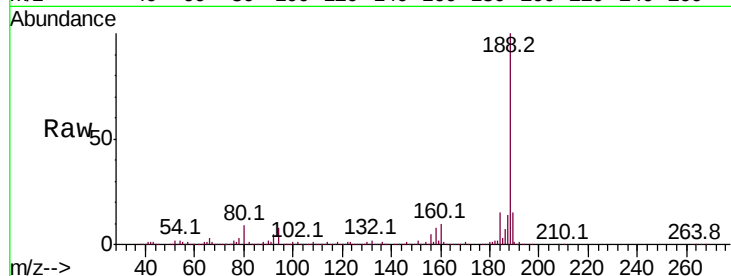




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BF112010.D
Acq: 11 Jan 2019 12:57

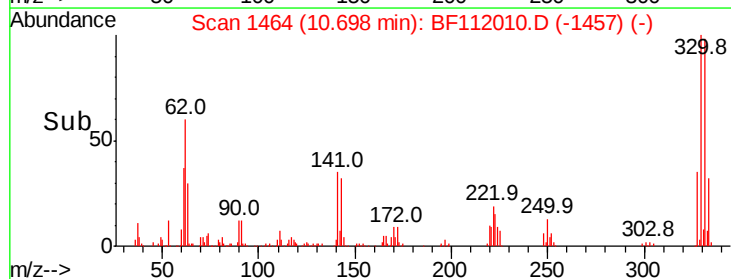
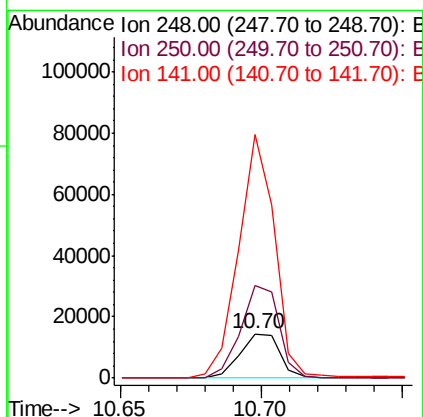
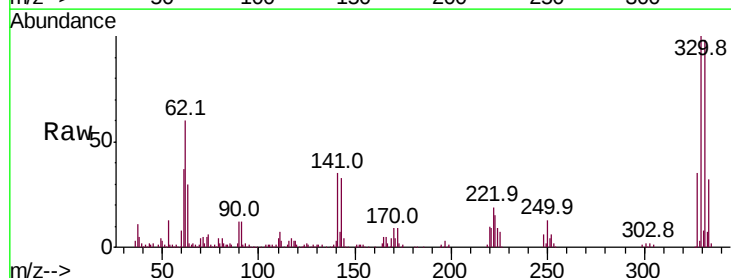
Instrument :
BNA_F
ClientSampled :

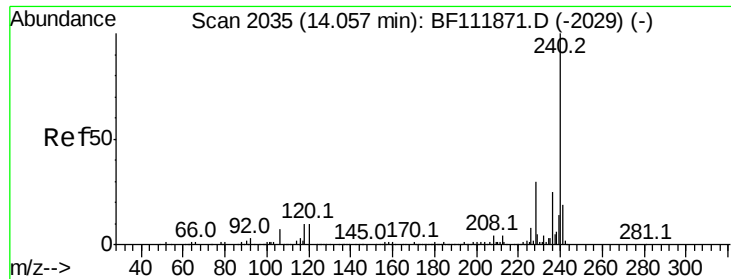
Tot Ion:188 Resp: 375610
Ion Ratio Lower Upper
188 100
94 7.7 6.6 10.0
80 9.0 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 2.874 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.26 min
Lab File: BF112010.D
Acq: 11 Jan 2019 12:57

Tgt Ion:248 Resp: 13984
Ion Ratio Lower Upper
248 100
250 206.9 76.8 115.2#
141 546.7 57.0 85.6#

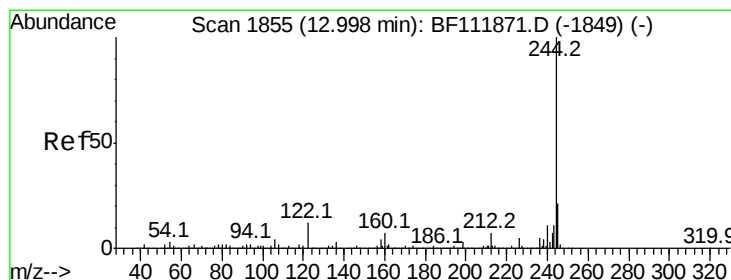
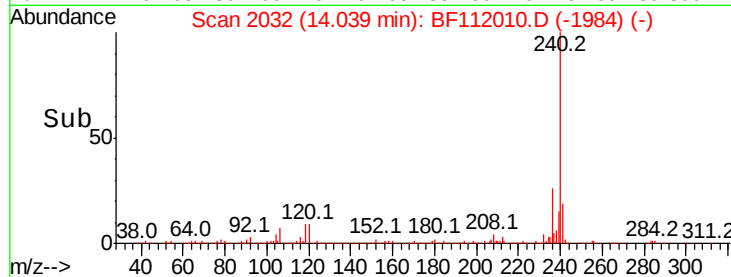
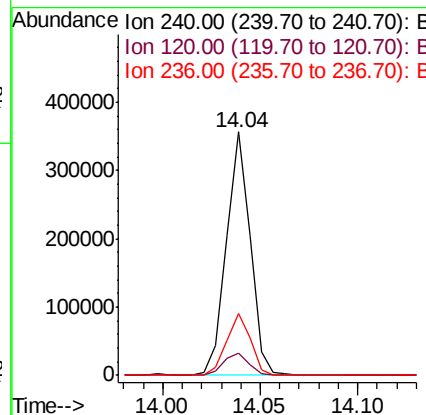
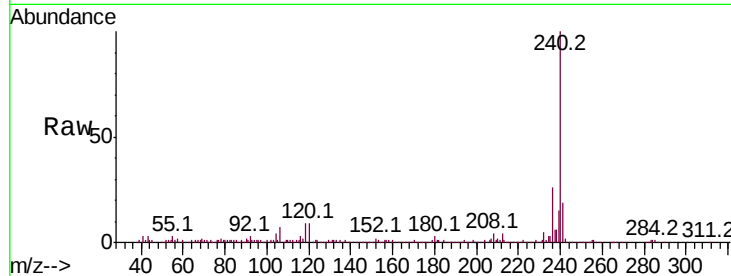




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.02 min
 Lab File: BF112010.D
 Acq: 11 Jan 2019 12:57

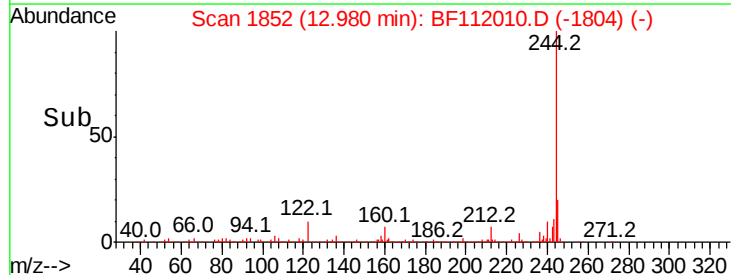
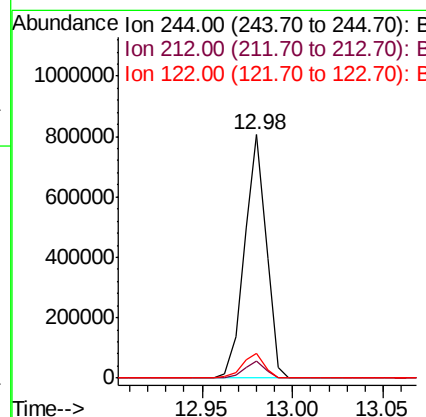
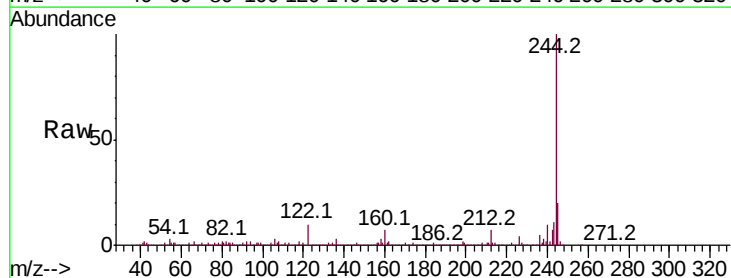
Instrument :
 BNA_F
 ClientSampleId :

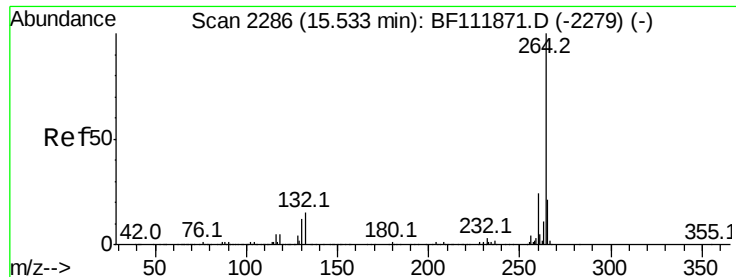
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.2	12.2
236	25.6	20.2	30.4



#79
 Terphenyl-d14
 Concen: 42.161 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BF112010.D
 Acq: 11 Jan 2019 12:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	10.4	9.5	14.3

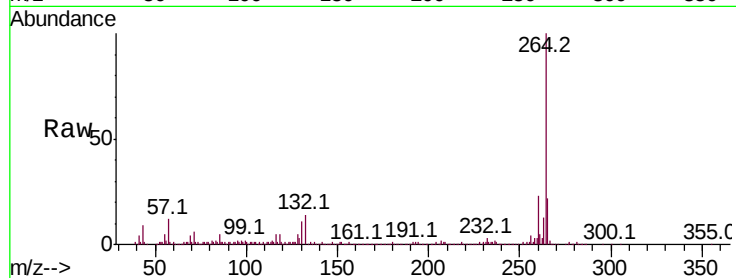




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF112010.D
Acq: 11 Jan 2019 12:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.9	17.1	25.7



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

