

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
 Data File : BF111882.D
 Acq On : 7 Jan 2019 17:53
 Operator : JU/SJ
 Sample : K1053-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 08 04:05:05 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	6.89	152	145419	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	516456	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	241520	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	408321	20.00	ng	0.00
76) Chrysene-d12	14.05	240	332478	20.00	ng	0.00
87) Perylene-d12	15.53	264	405475	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	523389	61.58	ng	0.00
7) Phenol-d6	6.53	99	414494	37.83	ng	0.00
23) Nitrobenzene-d5	7.45	82	811821	84.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	345989	110.14	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1486226	89.73	ng	0.00
79) Terphenyl-d14	13.00	244	1325050	75.65	ng	0.00

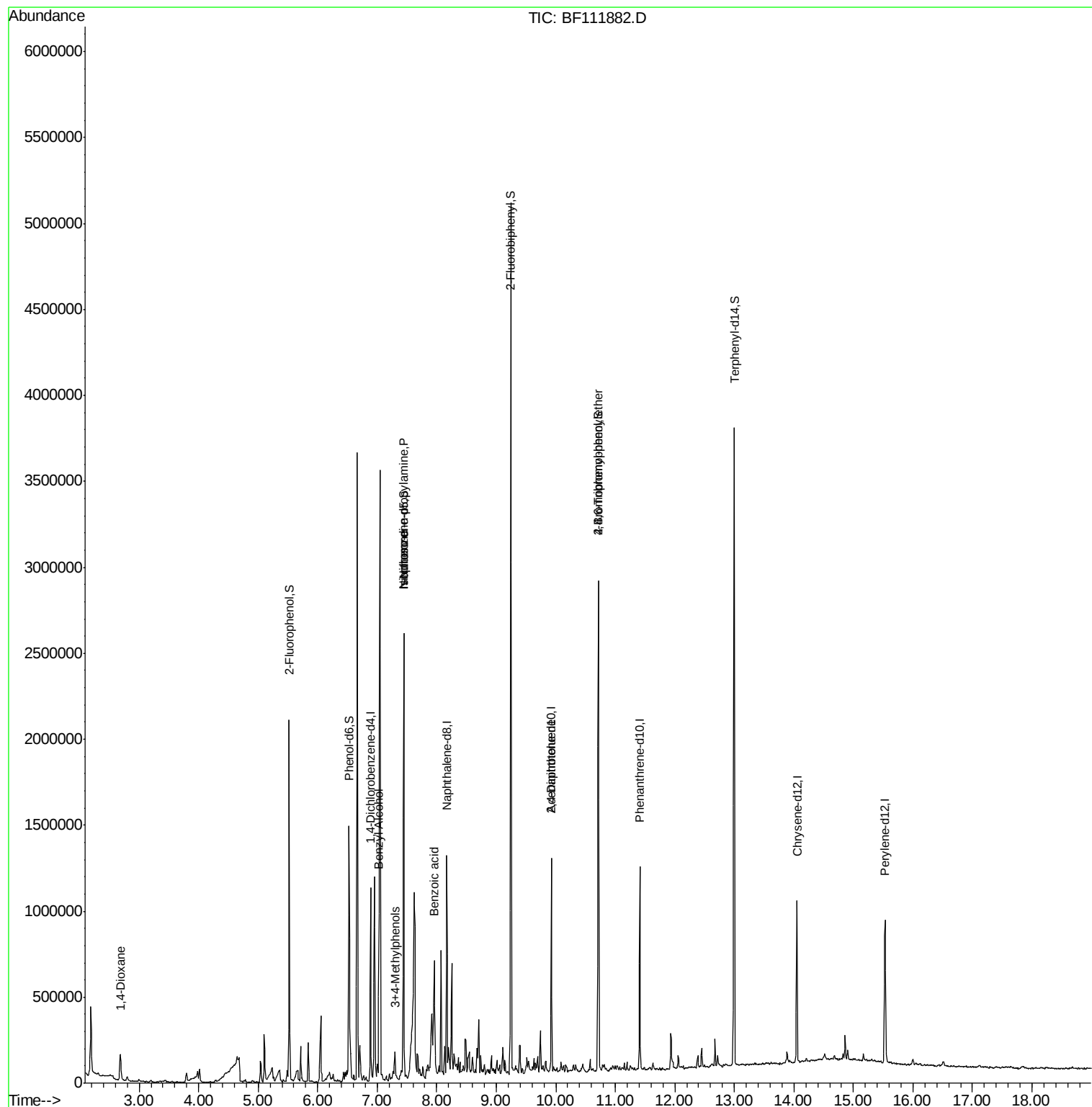
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.69	88	18606	5.006	ng	# 1
15) Benzyl Alcohol	7.03	79	157822	18.207	ng	95
19) n-Nitroso-di-n-propylamine	7.45	70	111498	15.664	ng	# 79
20) 3+4-Methylphenols	7.30	107	37785	4.002	ng	# 64
25) Isophorone	7.45	82	811689	51.872	ng	# 65
32) Benzoic acid	7.96	122	172889	38.283	ng	89
57) 2,4-Dinitrotoluene	9.93	165	31910	6.087	ng	# 28
67) 4-Bromophenyl-phenylether	10.72	248	20759	3.925	ng	# 1

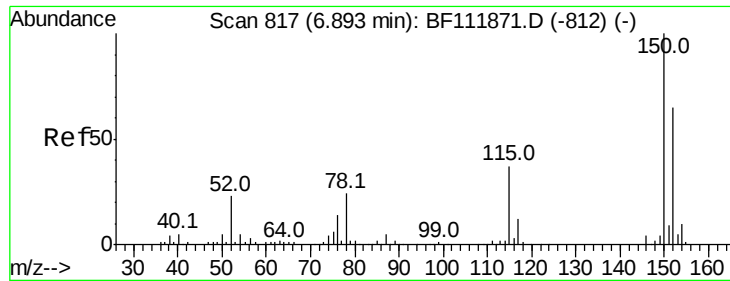
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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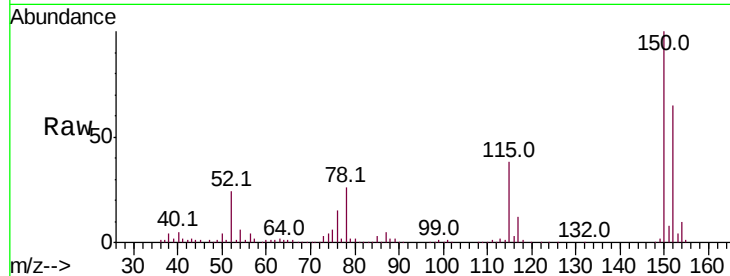


#1

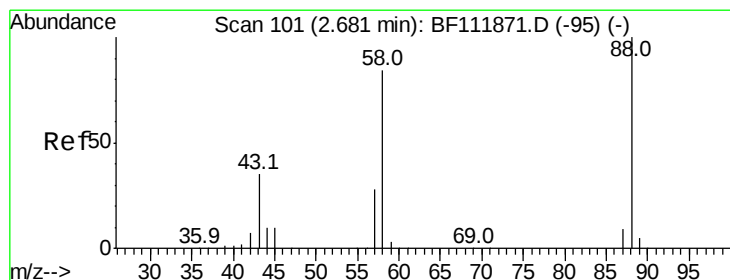
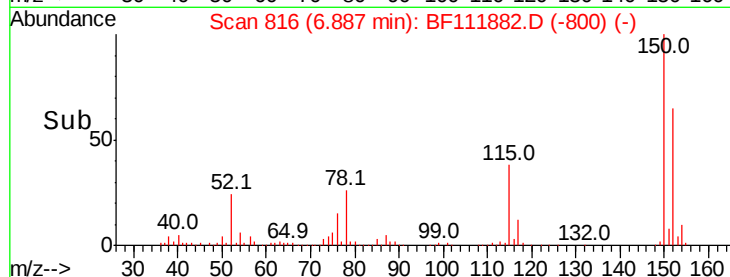
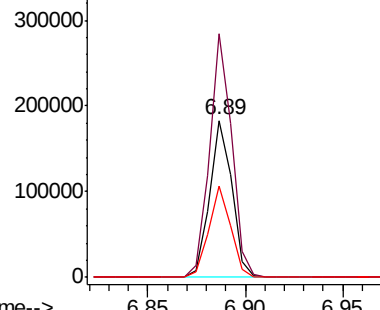
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111882.D
Acq: 7 Jan 2019 17:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 145419
Ion Ratio Lower Upper
152 100
150 155.0 122.7 184.1
115 58.4 45.2 67.8



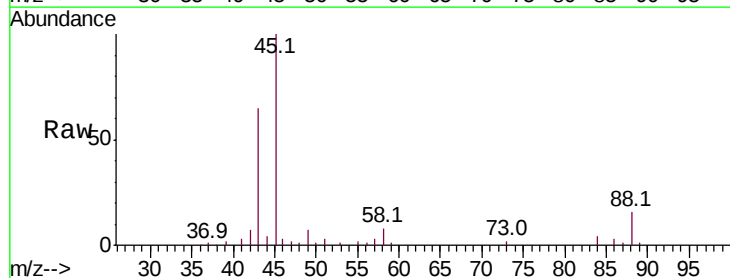
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



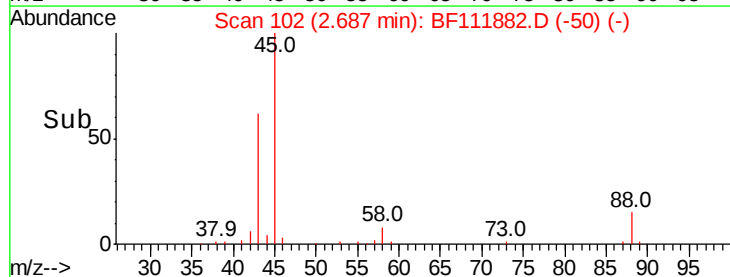
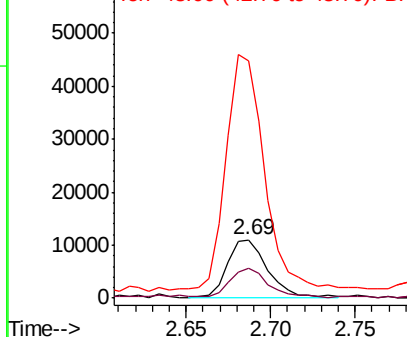
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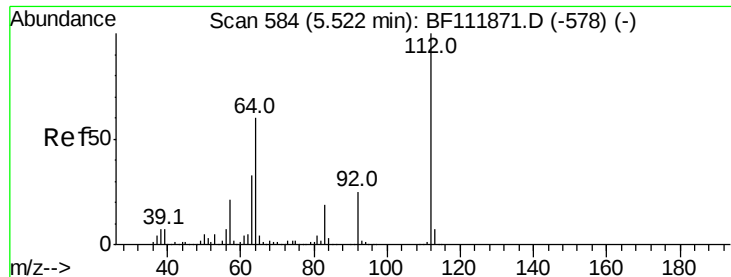
1,4-Dioxane
Concen: 5.006 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.01 min
Lab File: BF111882.D
Acq: 7 Jan 2019 17:53

Tgt Ion: 88 Resp: 18606
Ion Ratio Lower Upper
88 100
58 50.2 67.6 101.4#
43 376.8 29.0 43.6#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

Concen: 61.575 ng

RT: 5.52 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF111882.D

Acq: 7 Jan 2019 17:53

Instrument :

BNA_F

ClientSampleId :

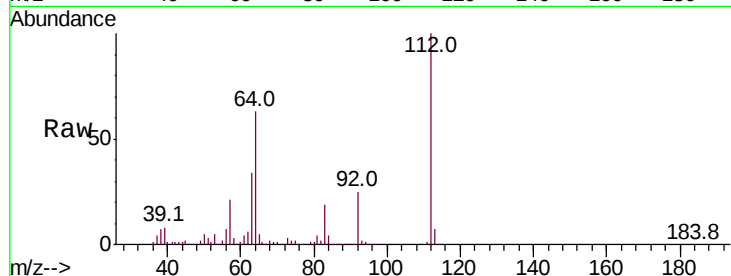
Tot Ion:112 Resp: 523389

Ion Ratio Lower Upper

112 100

64 63.3 48.3 72.5

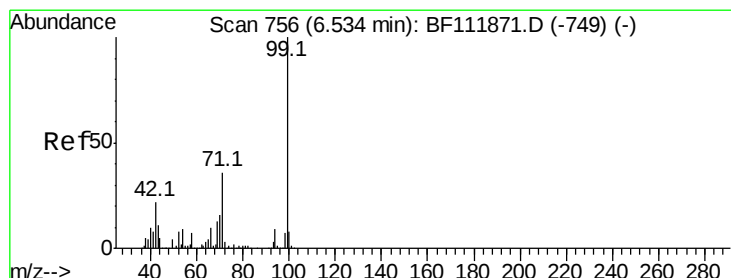
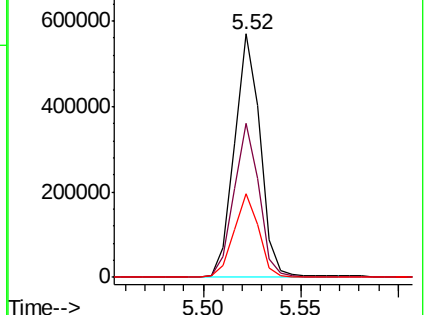
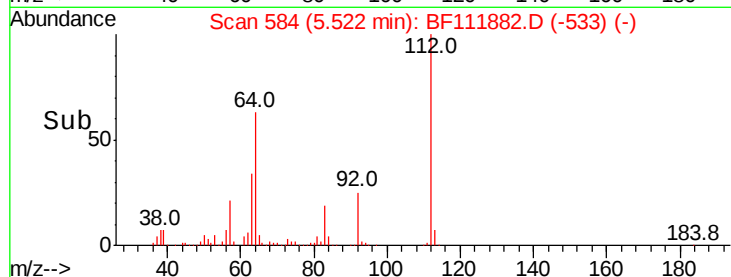
63 34.3 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 37.834 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111882.D

Acq: 7 Jan 2019 17:53

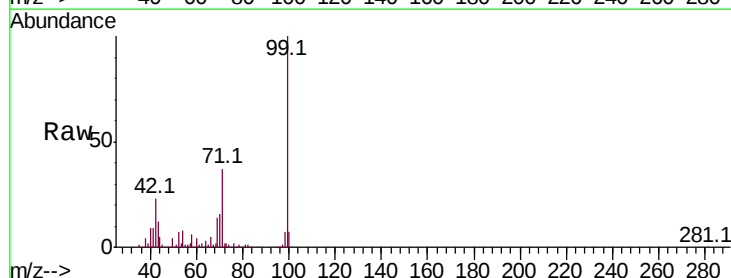
Tgt Ion: 99 Resp: 414494

Ion Ratio Lower Upper

99 100

42 22.9 17.9 26.9

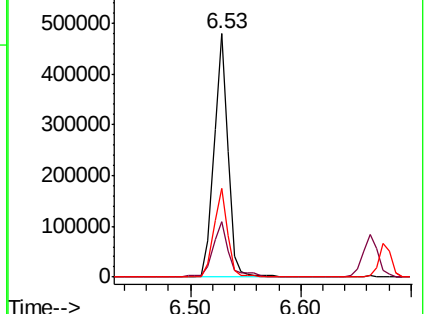
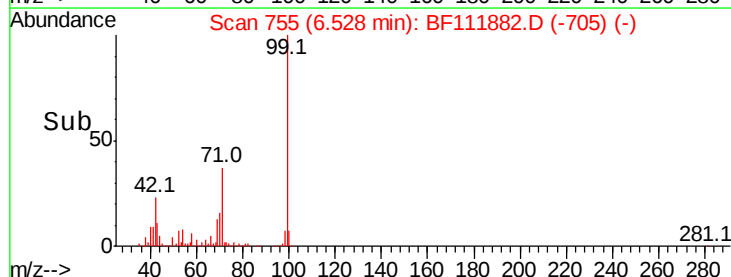
71 36.7 28.7 43.1

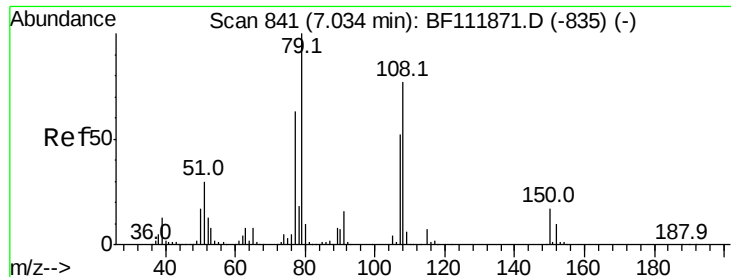


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#15

Benzyl Alcohol

Concen: 18.207 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF111882.D

Acq: 7 Jan 2019 17:53

Instrument :

BNA_F

ClientSampled :

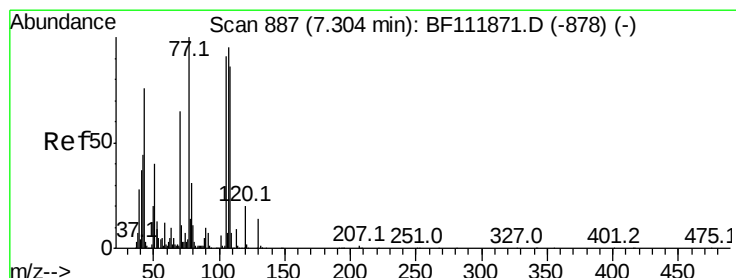
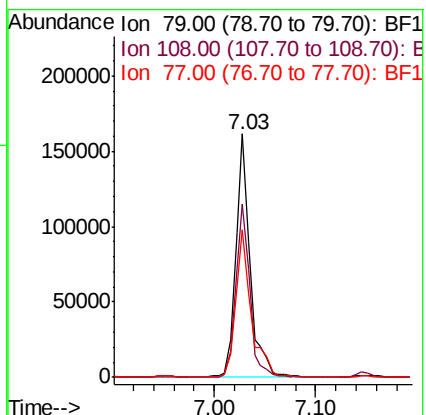
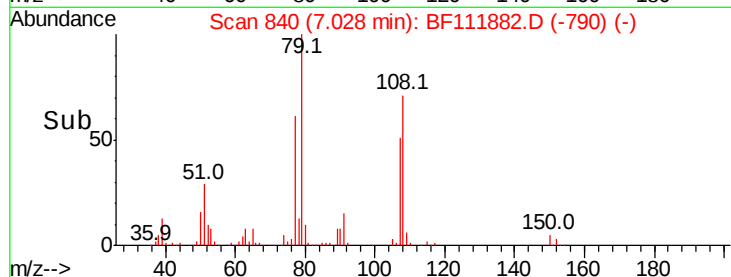
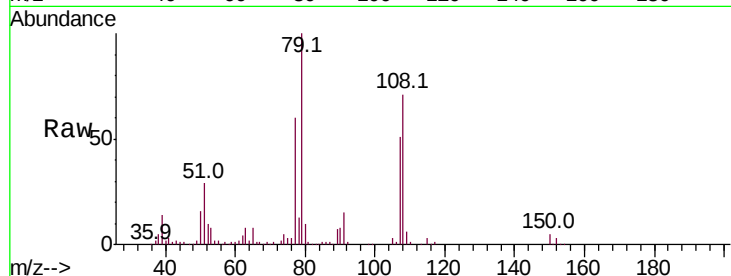
Tot Ion: 79 Resp: 157822

Ion Ratio Lower Upper

79 100

108 71.0 61.4 92.0

77 60.4 50.4 75.6



#19

n-Nitroso-di-n-propylamine

Concen: 15.664 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BF111882.D

Acq: 7 Jan 2019 17:53

Tgt Ion: 70 Resp: 111498

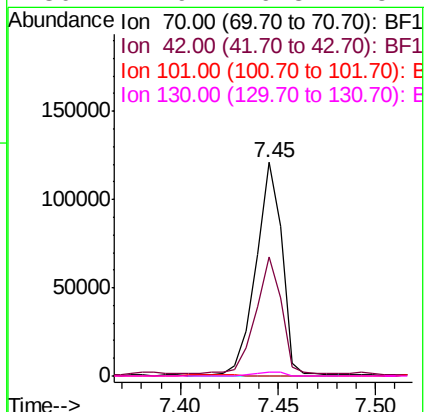
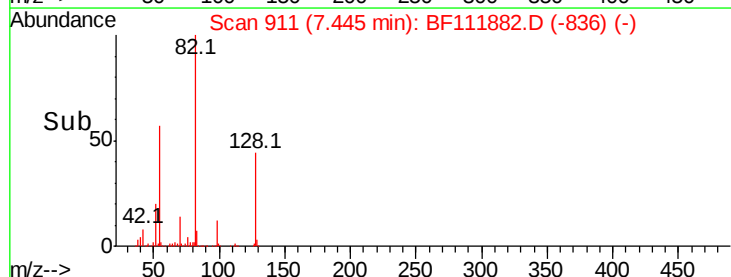
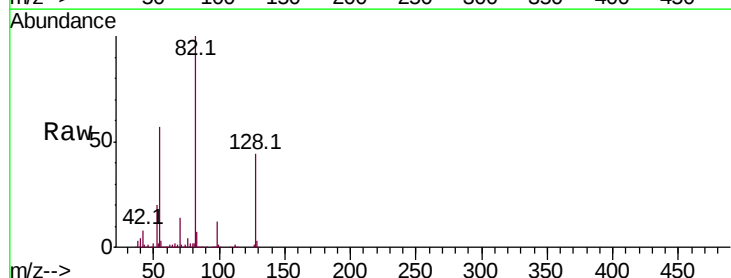
Ion Ratio Lower Upper

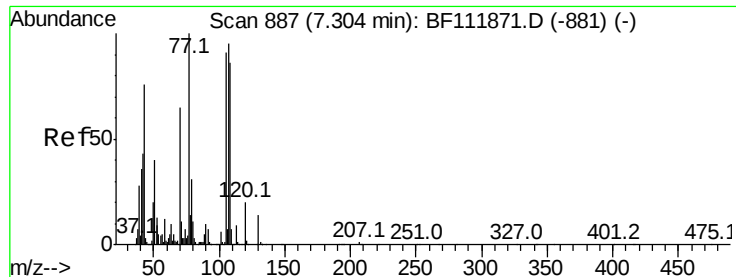
70 100

42 55.5 53.6 80.4

101 0.0 7.3 10.9#

130 1.9 16.8 25.2#

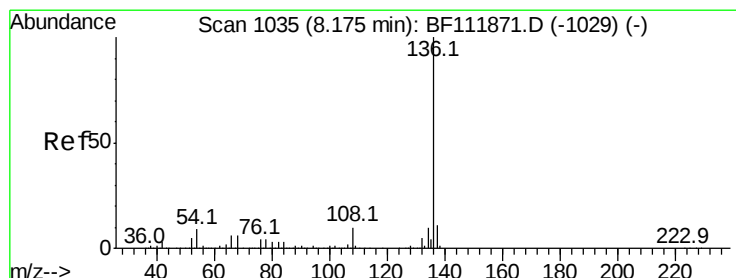
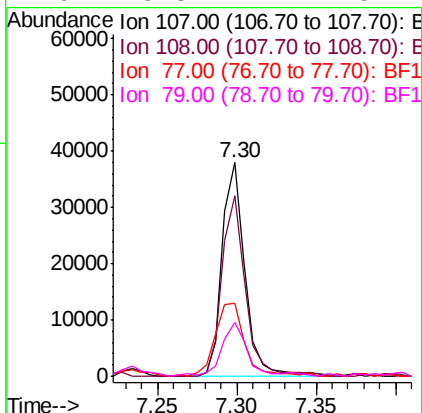
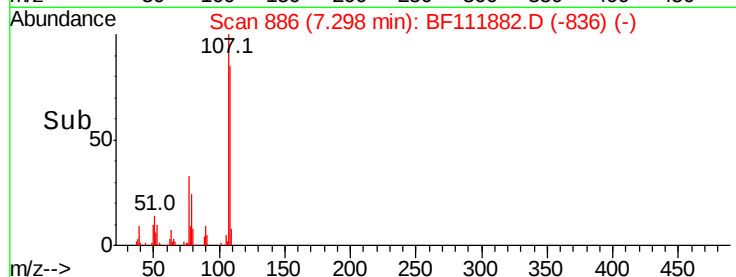
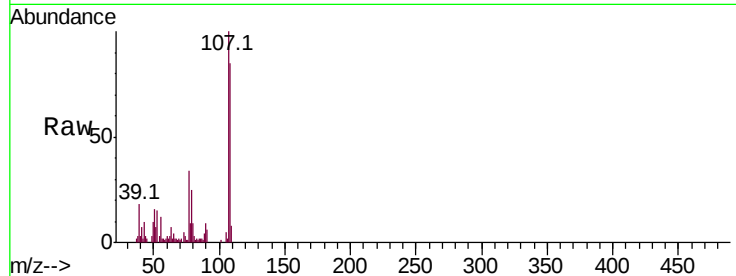




#20
3+4-Methylphenols
Concen: 4.002 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF111882.D
Acq: 7 Jan 2019 17:53

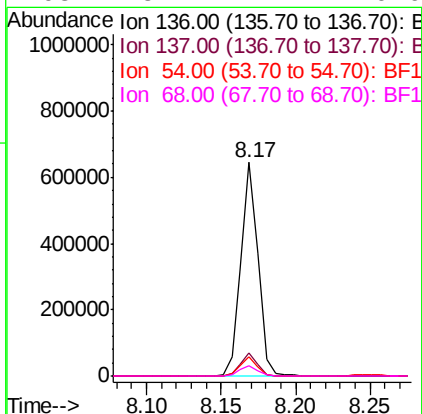
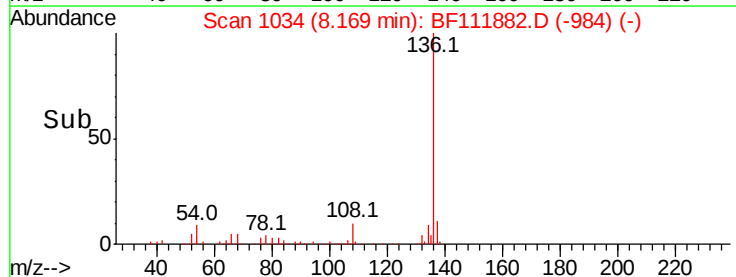
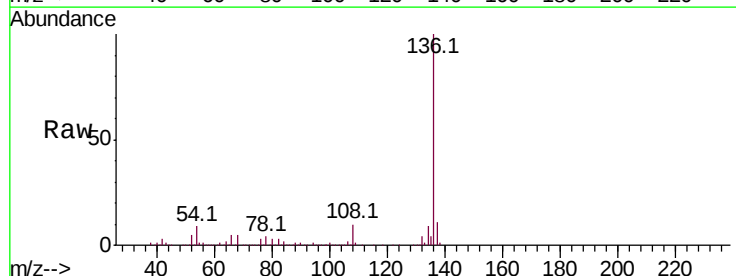
Instrument :
BNA_F
ClientSampleId :

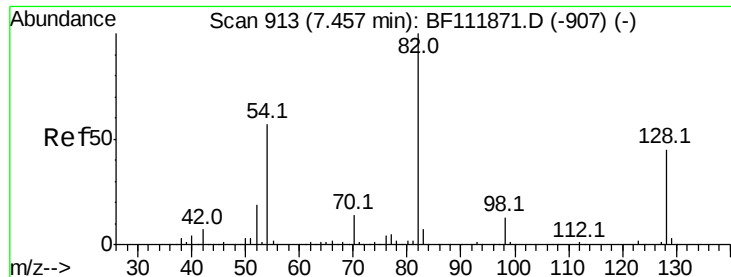
Tot Ion:	107	Resp:	37785
Ion	Ratio	Lower	Upper
107	100		
108	84.8	71.1	111.1
77	34.1	85.4	125.4#
79	25.5	12.4	52.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111882.D
Acq: 7 Jan 2019 17:53

Tgt Ion:	136	Resp:	516456
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	8.7	7.2	10.8
68	5.1	4.4	6.6

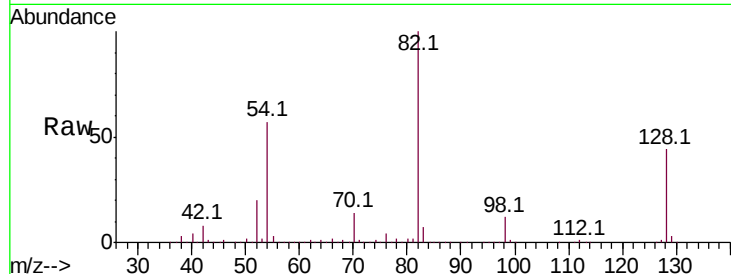




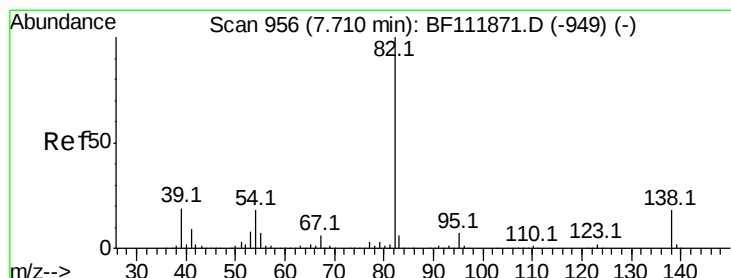
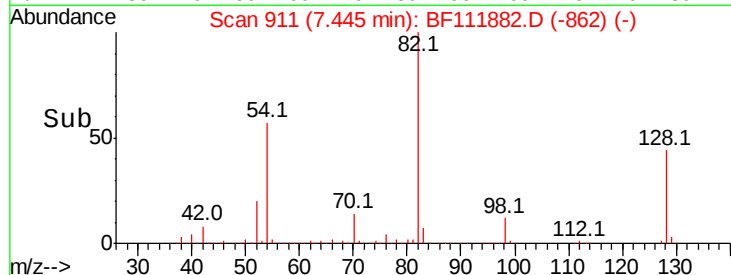
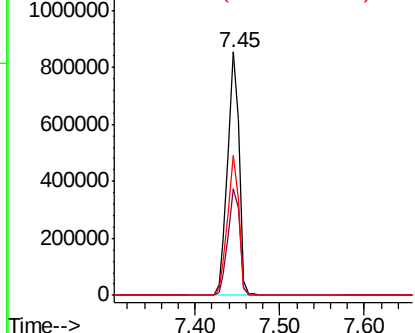
#23
Nitrobenzene-d5
Concen: 84.011 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111882.D
Acq: 7 Jan 2019 17:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 811821
Ion Ratio Lower Upper
82 100
128 43.8 35.7 53.5
54 57.4 45.8 68.8

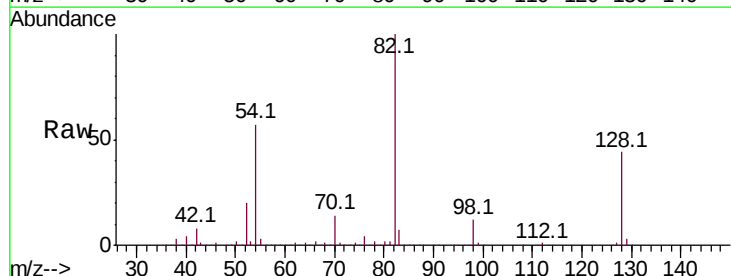


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

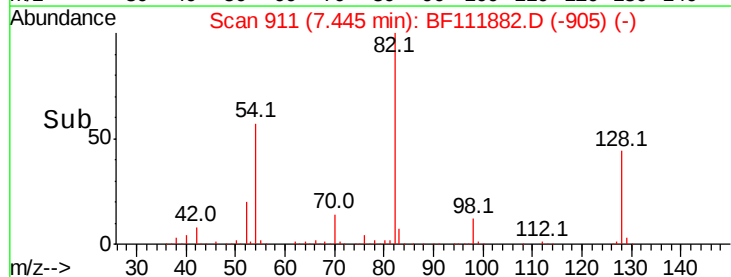
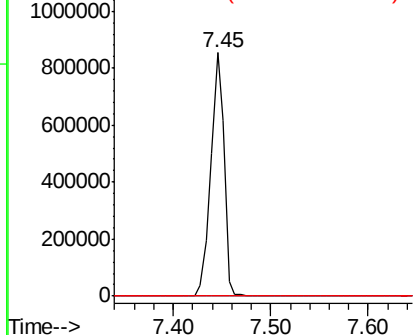


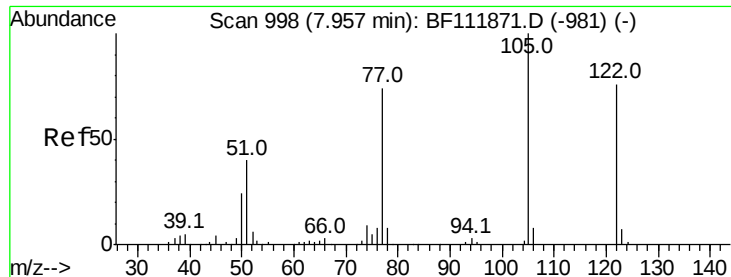
#25
Isophorone
Concen: 51.872 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF111882.D
Acq: 7 Jan 2019 17:53

Tgt Ion: 82 Resp: 811689
Ion Ratio Lower Upper
82 100
95 0.0 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

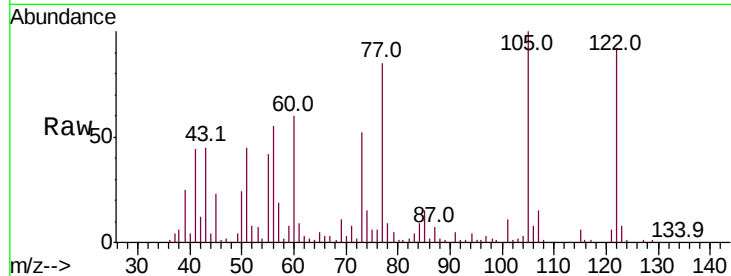




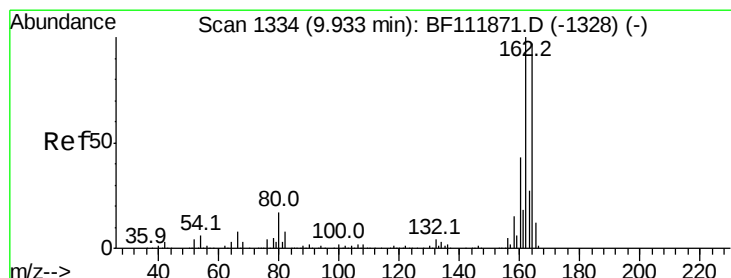
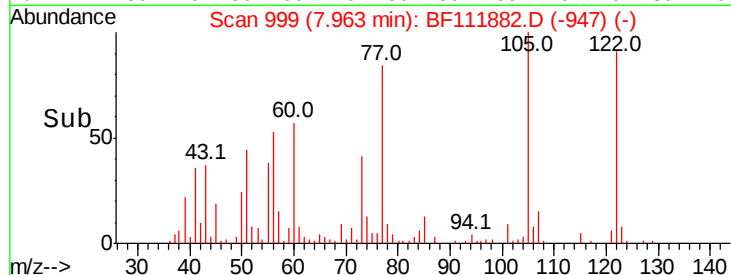
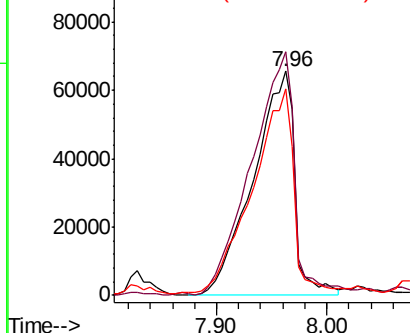
#32
Benzoic acid
Concen: 38.283 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF111882.D
Acq: 7 Jan 2019 17:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 172889
Ion Ratio Lower Upper
122 100
105 108.7 107.9 147.9
77 92.1 76.6 116.6

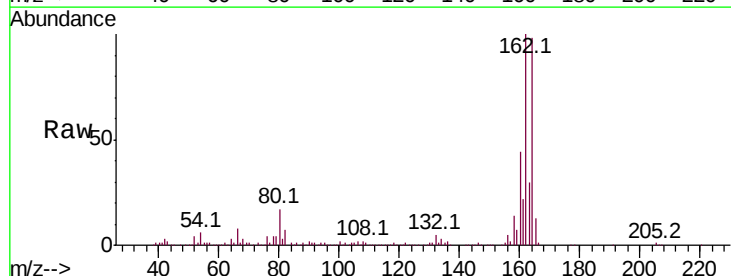


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

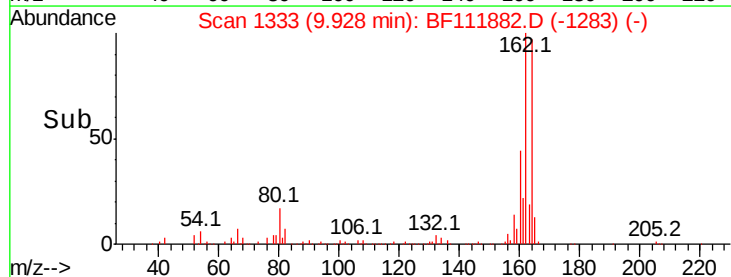
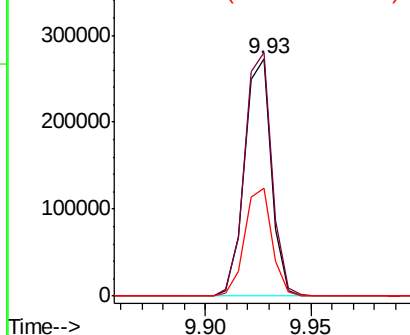


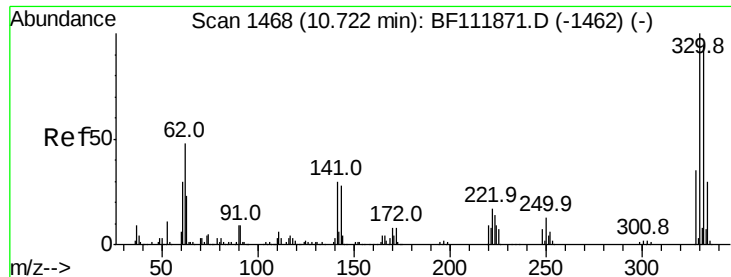
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111882.D
Acq: 7 Jan 2019 17:53

Tgt Ion:164 Resp: 241520
Ion Ratio Lower Upper
164 100
162 102.4 82.2 123.2
160 45.4 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

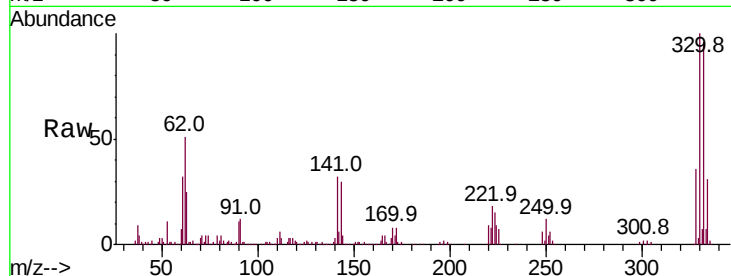




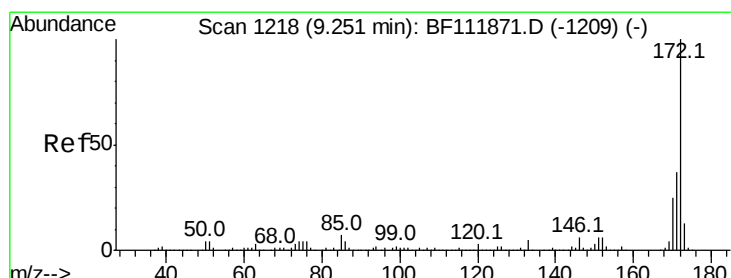
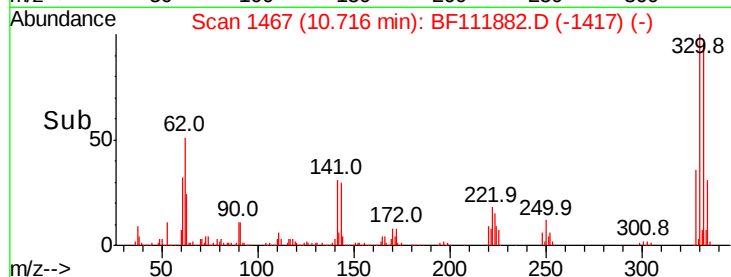
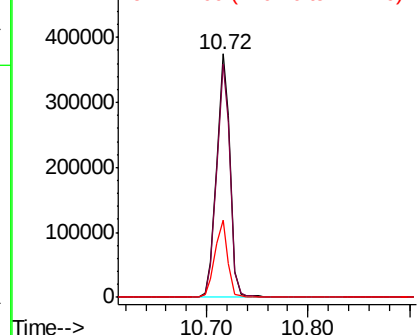
#42
 2,4,6-Tribromophenol
 Concen: 110.137 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111882.D
 Acq: 7 Jan 2019 17:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.9	115.3
141	29.9	23.7	35.5

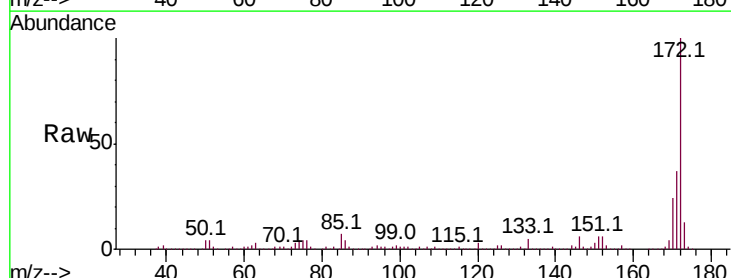


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

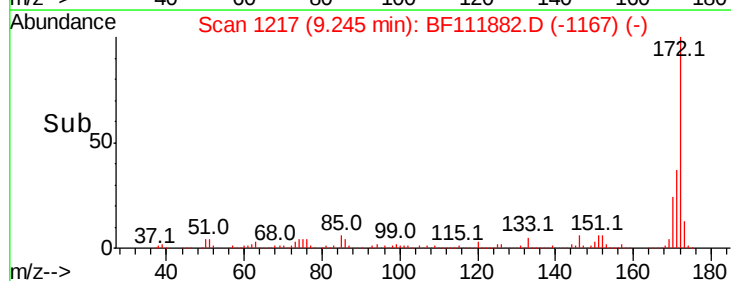
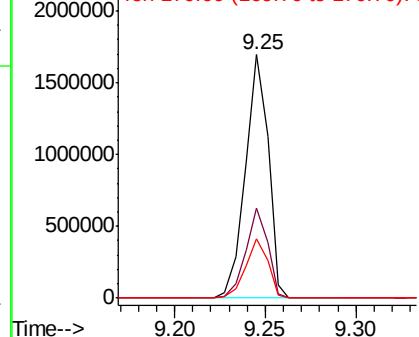


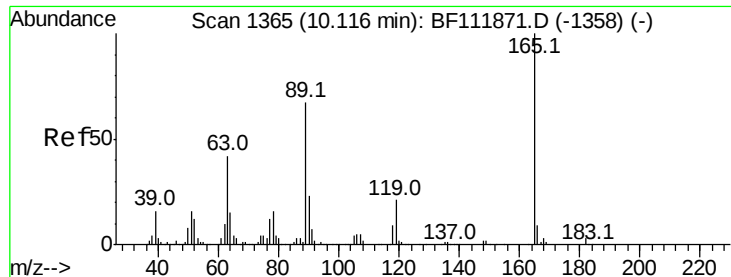
#45
 2-Fluorobiphenyl
 Concen: 89.732 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF111882.D
 Acq: 7 Jan 2019 17:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.3	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

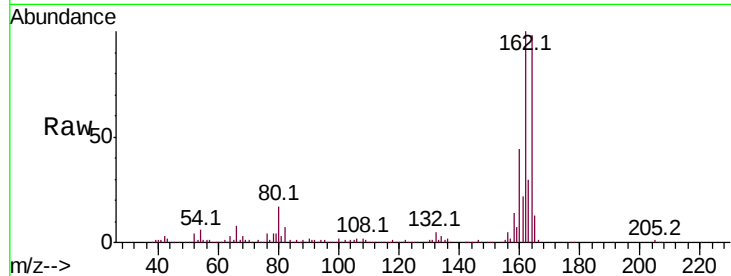




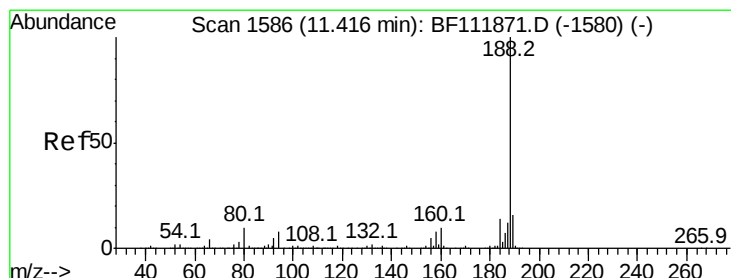
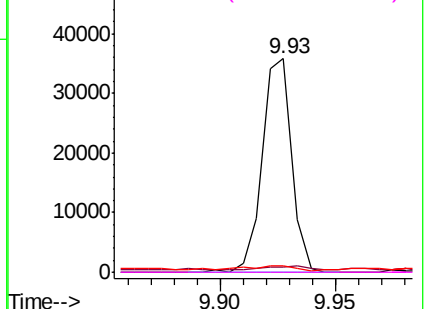
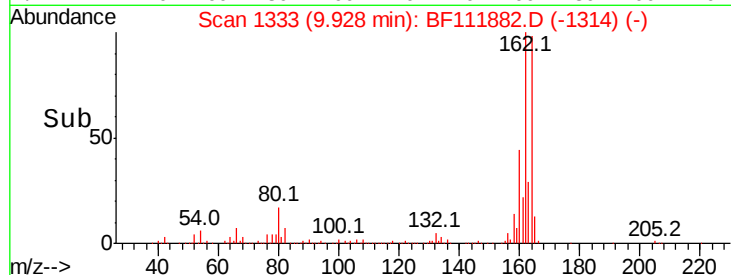
#57
 2,4-Dinitrotoluene
 Concen: 6.087 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.19 min
 Lab File: BF111882.D
 Acq: 7 Jan 2019 17:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 31910
 Ion Ratio Lower Upper
 165 100
 63 2.6 34.1 51.1#
 89 3.2 53.5 80.3#
 182 0.0 2.0 3.0#

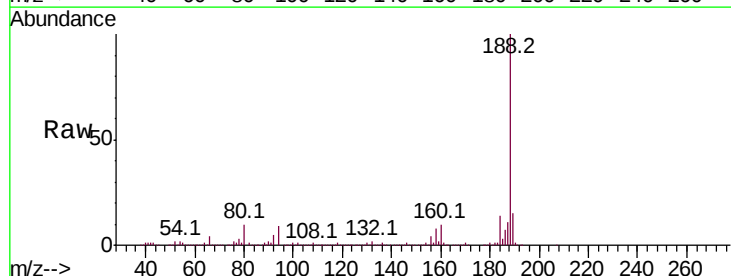


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

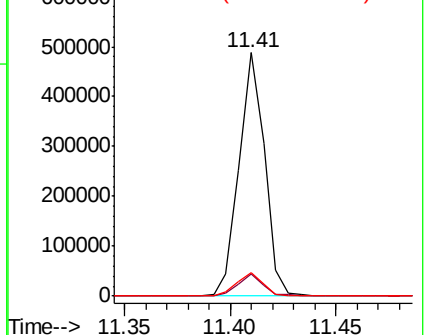
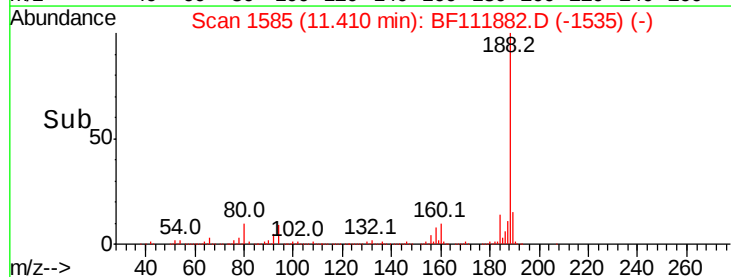


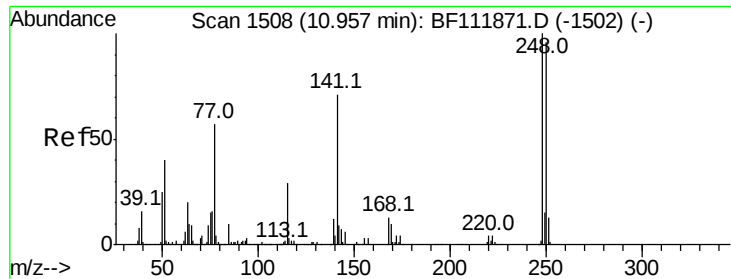
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF111882.D
 Acq: 7 Jan 2019 17:53

Tgt Ion:188 Resp: 408321
 Ion Ratio Lower Upper
 188 100
 94 9.1 6.6 10.0
 80 9.7 7.7 11.5



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

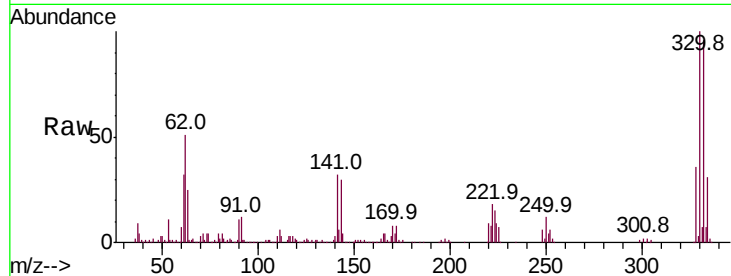




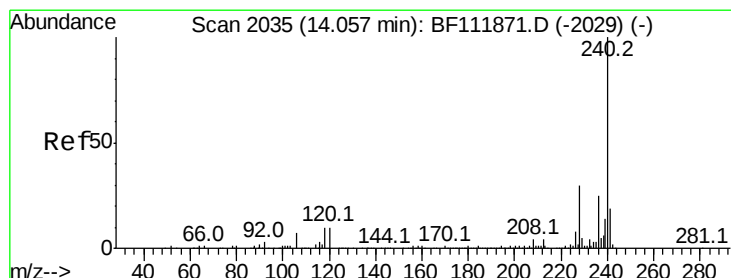
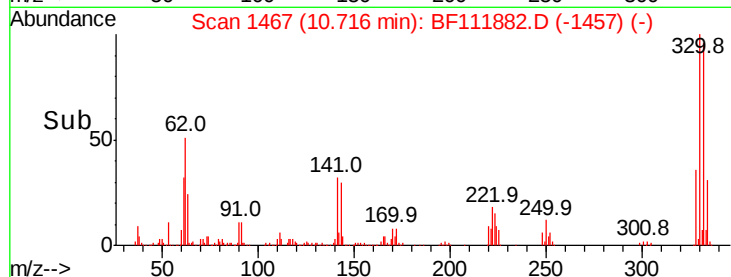
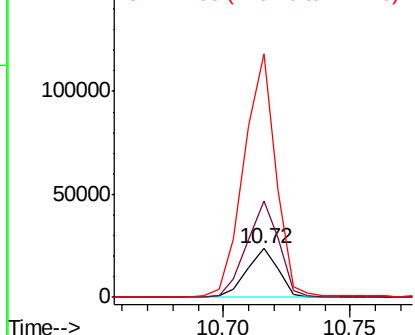
#67
4-Bromophenyl-phenylether
Concen: 3.925 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.24 min
Lab File: BF111882.D
Acq: 7 Jan 2019 17:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 20759
Ion Ratio Lower Upper
248 100
250 198.5 76.8 115.2#
141 501.3 57.0 85.6#

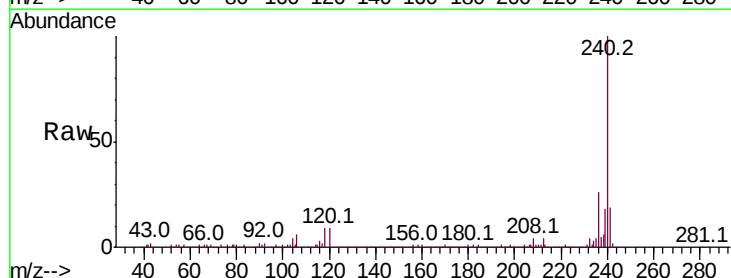


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

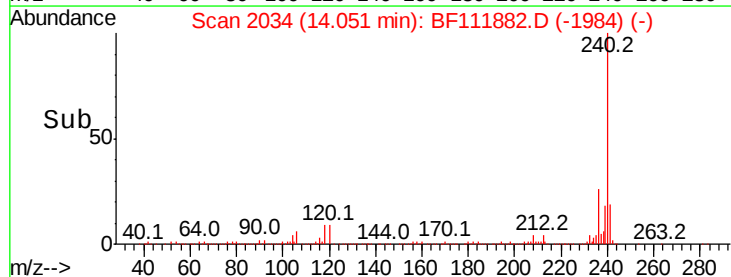
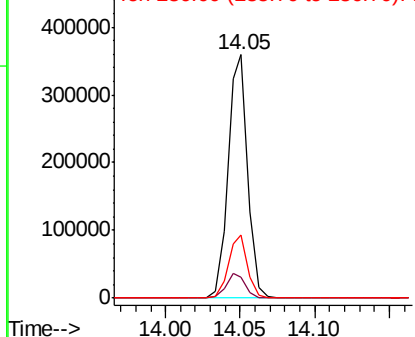


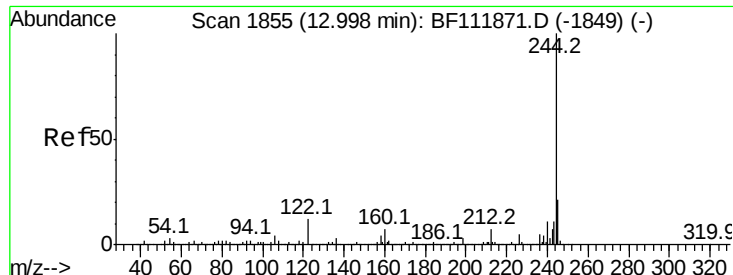
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF111882.D
Acq: 7 Jan 2019 17:53

Tgt Ion:240 Resp: 332478
Ion Ratio Lower Upper
240 100
120 8.8 8.2 12.2
236 26.1 20.2 30.4



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: 75.651 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111882.D

Acq: 7 Jan 2019 17:53

Instrument :

BNA_F

ClientSampleId :

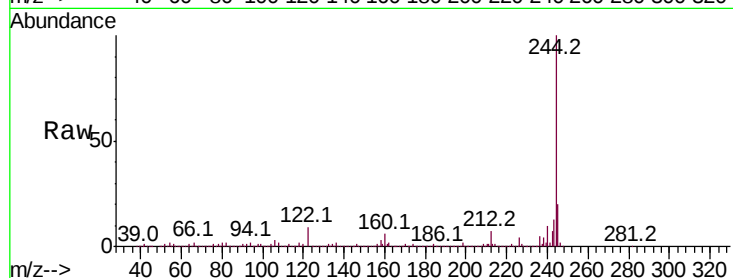
Tot Ion:244 Resp: 1325050

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

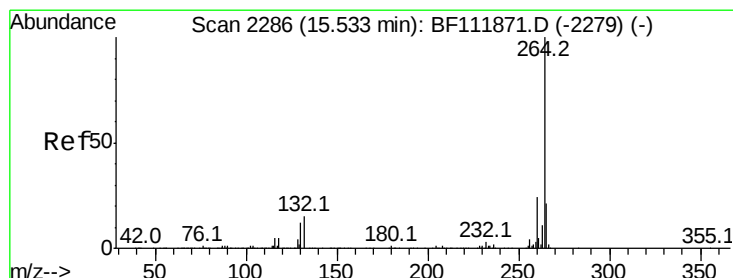
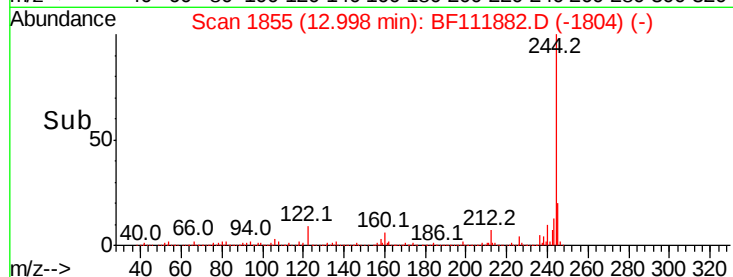
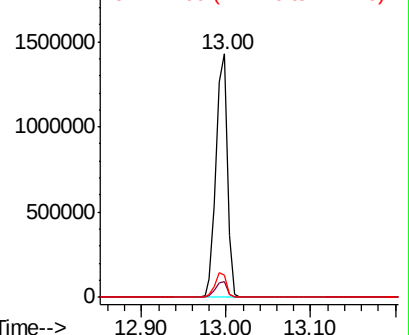
122 8.9 9.5 14.3#



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: 15.53 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BF111882.D

Acq: 7 Jan 2019 17:53

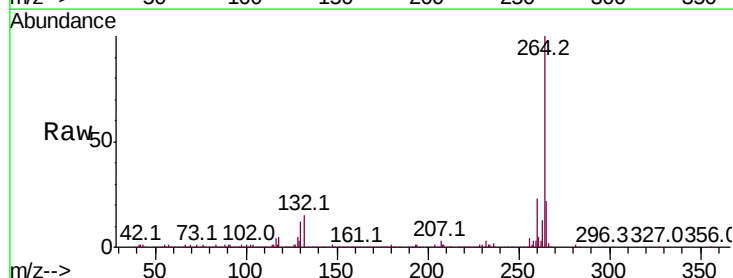
Tgt Ion:264 Resp: 405475

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 22.1 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

