

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
 Data File : BF111886.D
 Acq On : 7 Jan 2019 19:42
 Operator : JU/SJ
 Sample : K1036-21RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 08 04:05:56 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

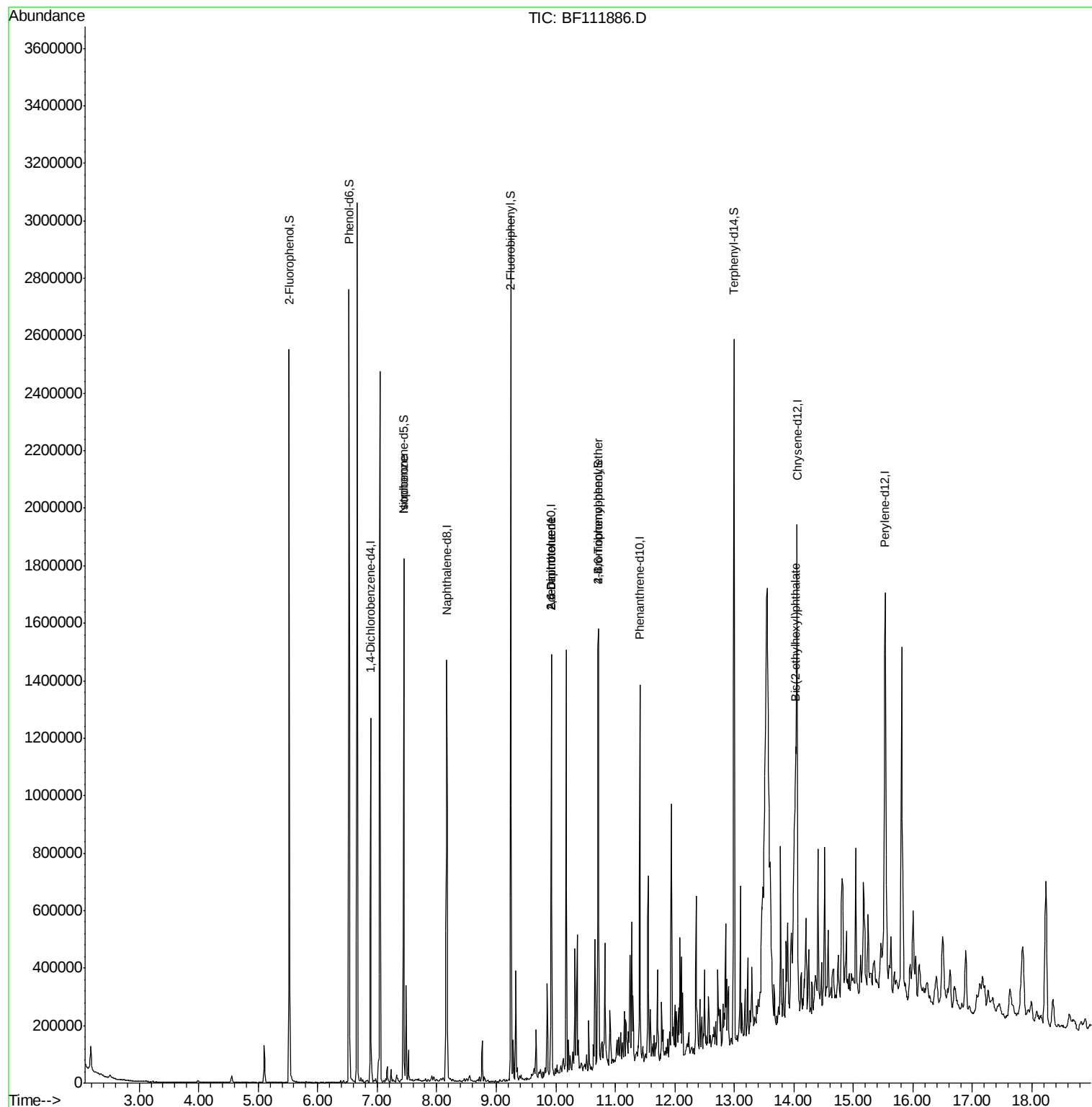
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	170558	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	614354	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	244200	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	429443	20.00	ng	0.00
76) Chrysene-d12	14.05	240	418941	20.00	ng	0.00
87) Perylene-d12	15.53	264	501017	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	645665	64.76	ng	0.00
7) Phenol-d6	6.53	99	805137	62.66	ng	0.00
23) Nitrobenzene-d5	7.45	82	521272	45.35	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	194478	61.23	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	869242	51.91	ng	0.00
79) Terphenyl-d14	12.99	244	837000	37.92	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	1268	Below Cal		95
25) Isophorone	7.45	82	521267	28.004 ng	#	65
51) 2,6-Dinitrotoluene	9.93	165	30983	7.553 ng	#	27
57) 2,4-Dinitrotoluene	9.93	165	30983	5.845 ng	#	28
67) 4-Bromophenyl-phenylether	10.72	248	11800	2.121 ng	#	1
84) Bis(2-ethylhexyl)phthalate	14.03	149	50633	3.164 ng	#	78

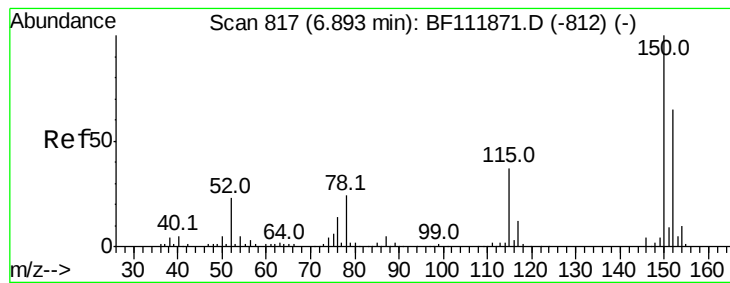
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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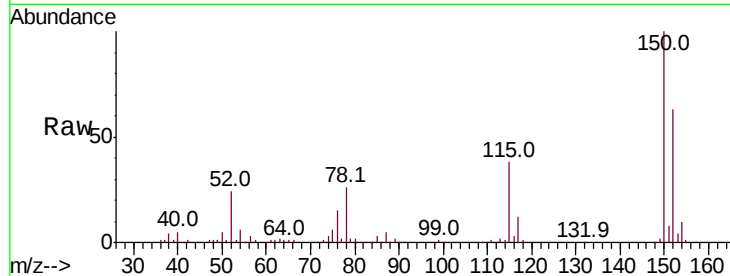


#1

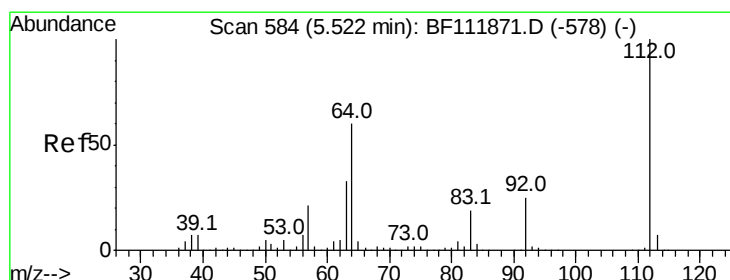
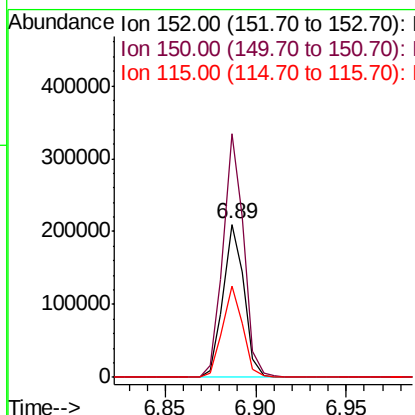
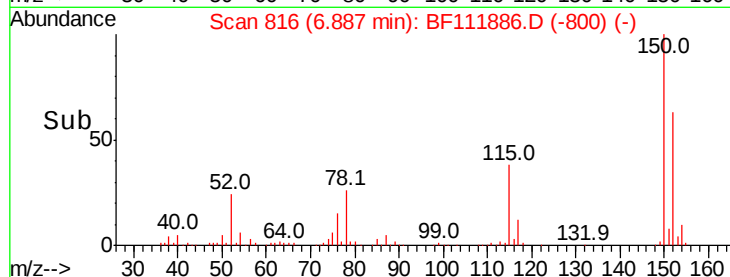
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111886.D
Acq: 7 Jan 2019 19:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 170558
Ion Ratio Lower Upper
152 100
150 159.3 122.7 184.1
115 60.0 45.2 67.8



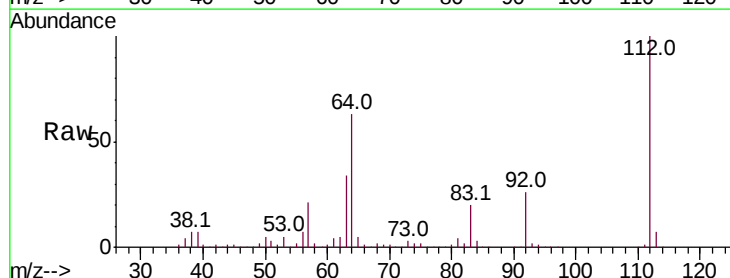
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



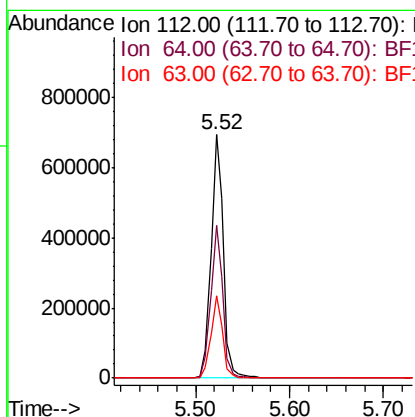
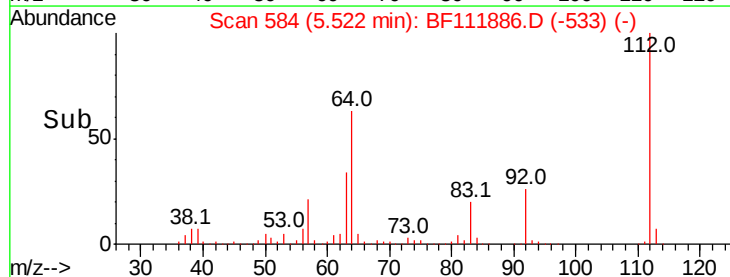
#5

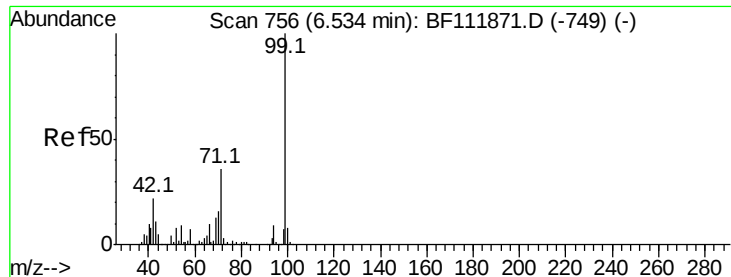
2-Fluorophenol
Concen: 64.765 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF111886.D
Acq: 7 Jan 2019 19:42

Tgt Ion:112 Resp: 645665
Ion Ratio Lower Upper
112 100
64 62.8 48.3 72.5
63 33.7 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: 62.660 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111886.D

Acq: 7 Jan 2019 19:42

Instrument :

BNA_F

ClientSampleId :

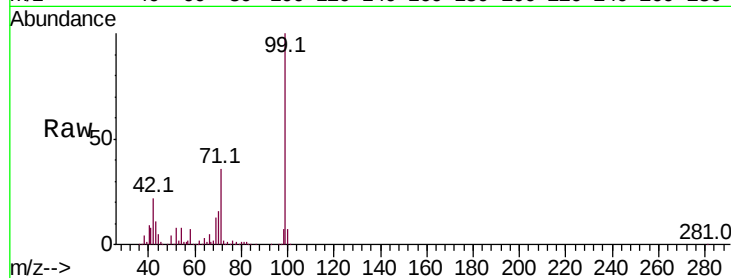
Tot Ion: 99 Resp: 805137

Ion Ratio Lower Upper

99 100

42 21.8 17.9 26.9

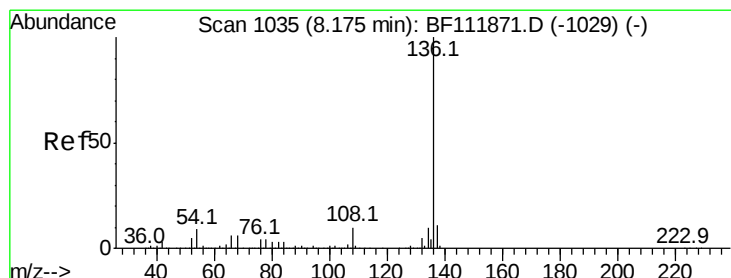
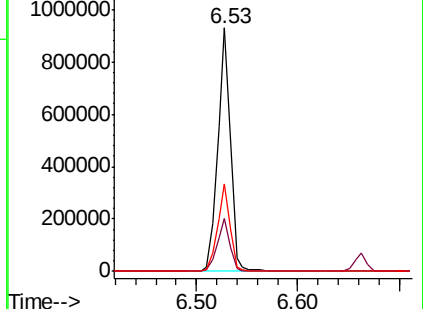
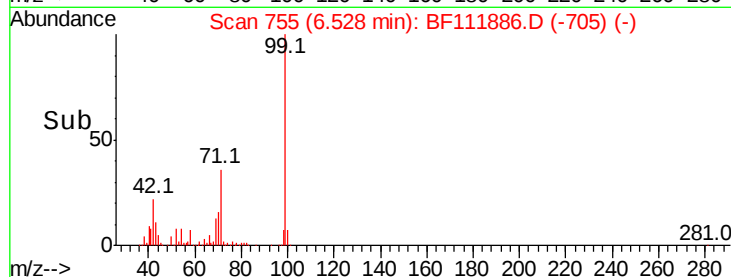
71 35.7 28.7 43.1



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF111886.D

Acq: 7 Jan 2019 19:42

Tgt Ion: 136 Resp: 614354

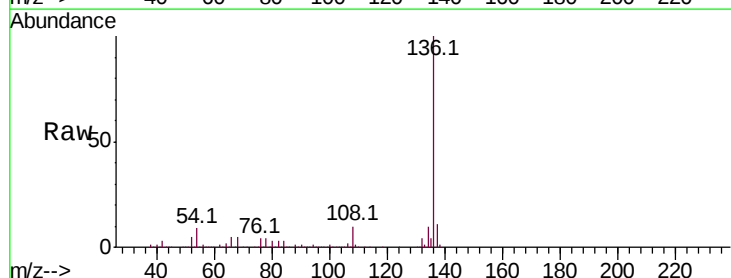
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 9.0 7.2 10.8

68 5.2 4.4 6.6

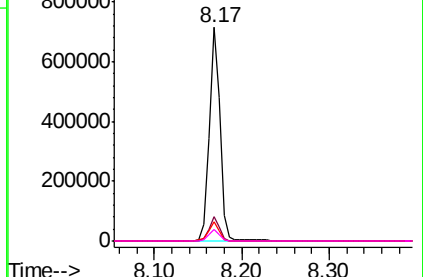
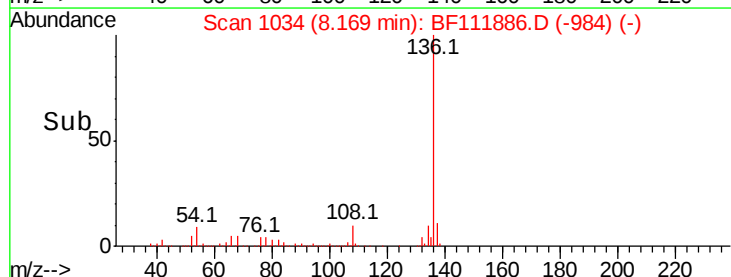


Abundance Ion 136.00 (135.70 to 136.70): E

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

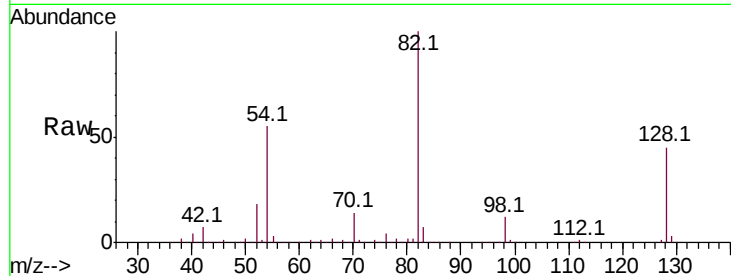




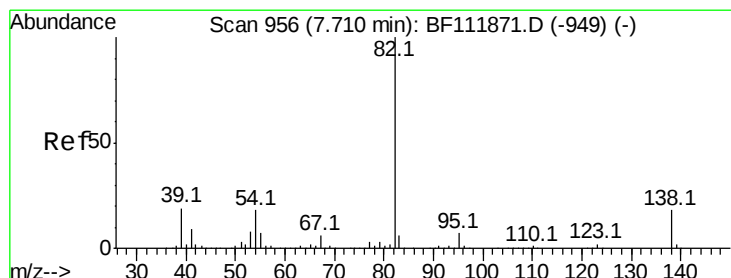
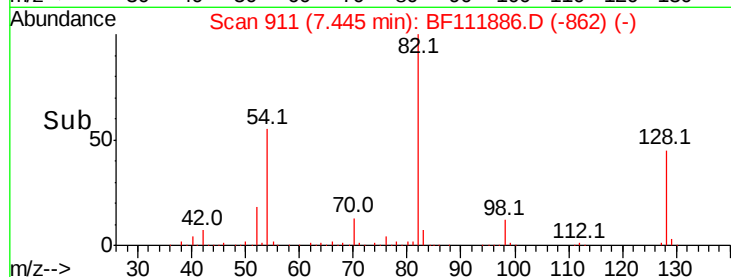
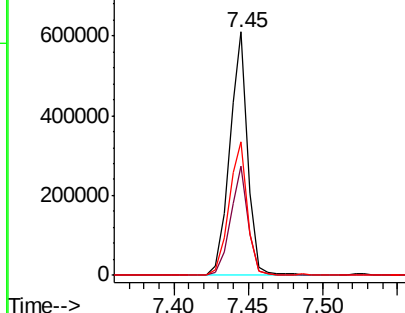
#23
Nitrobenzene-d5
Concen: 45.348 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111886.D
Acq: 7 Jan 2019 19:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 521272
Ion Ratio Lower Upper
82 100
128 44.7 35.7 53.5
54 55.0 45.8 68.8

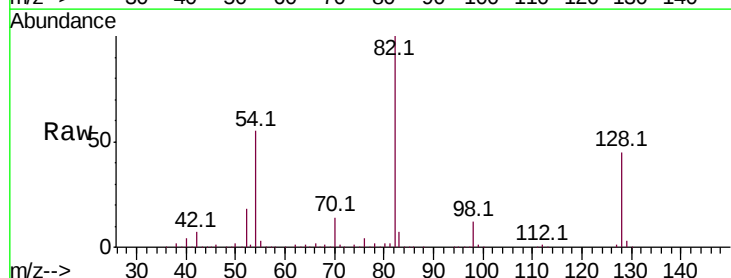


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

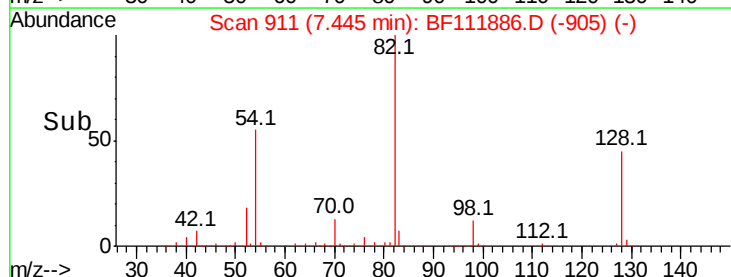
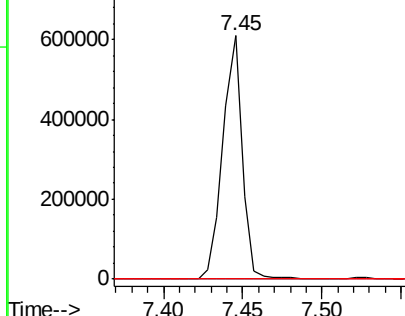


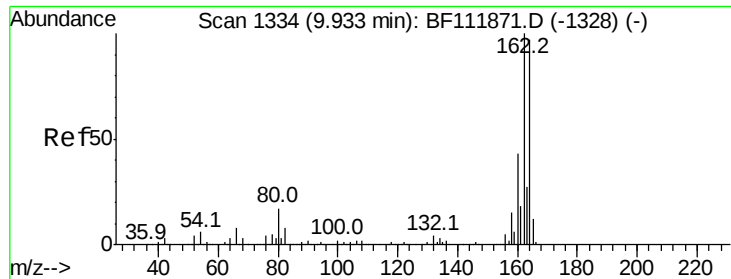
#25
Isophorone
Concen: 28.004 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF111886.D
Acq: 7 Jan 2019 19:42

Tgt Ion: 82 Resp: 521267
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

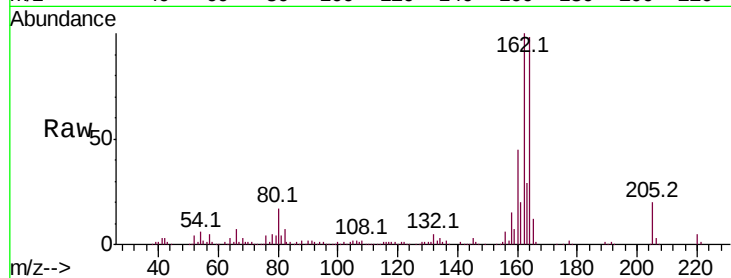




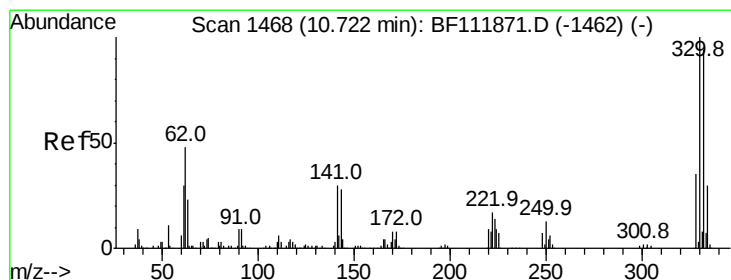
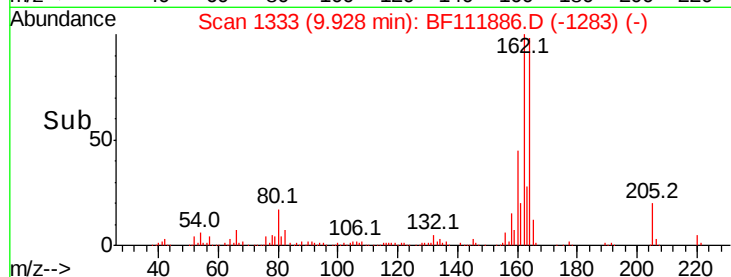
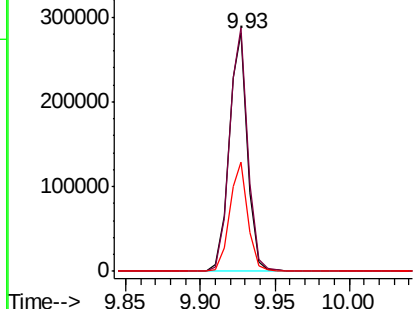
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111886.D
Acq: 7 Jan 2019 19:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 244200
Ion Ratio Lower Upper
164 100
162 102.3 82.2 123.2
160 45.9 35.5 53.3

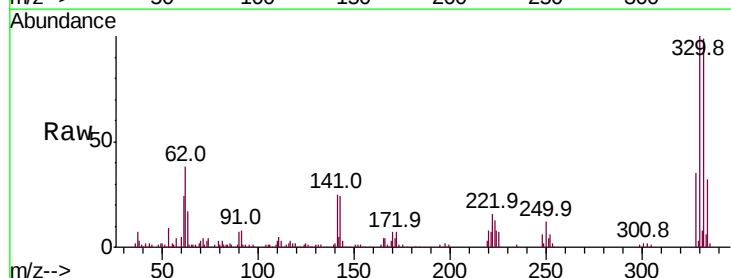


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

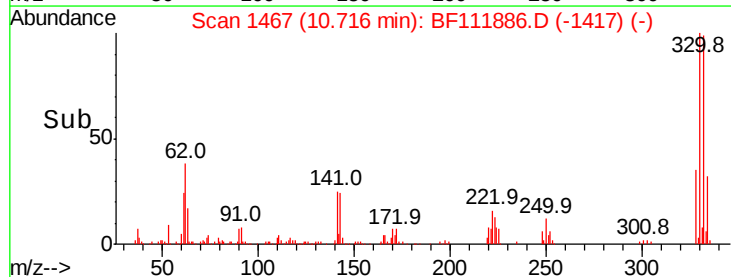
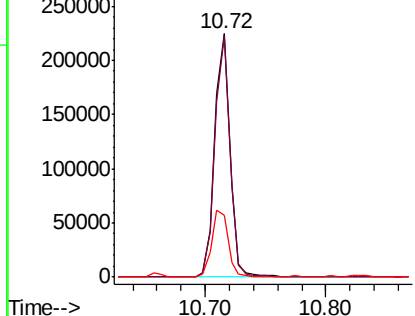


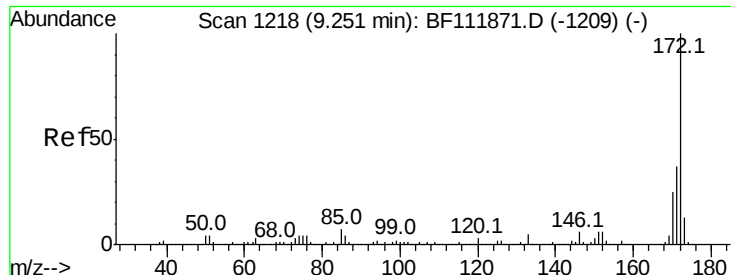
#42
2,4,6-Tribromophenol
Concen: 61.228 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111886.D
Acq: 7 Jan 2019 19:42

Tgt Ion:330 Resp: 194478
Ion Ratio Lower Upper
330 100
332 97.2 76.9 115.3
141 29.8 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

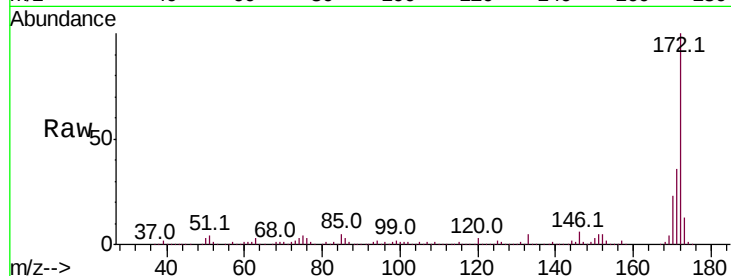




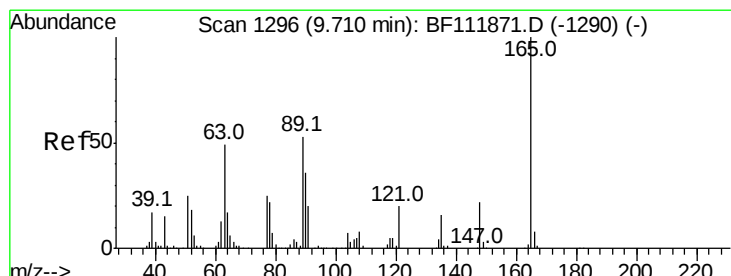
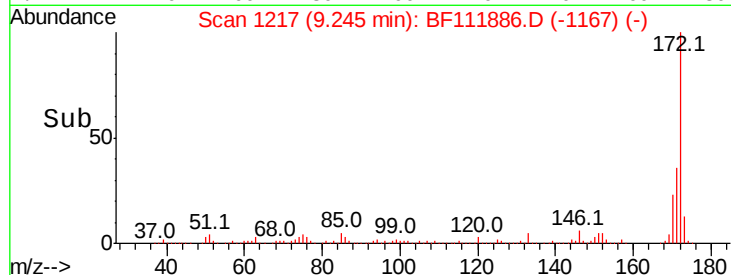
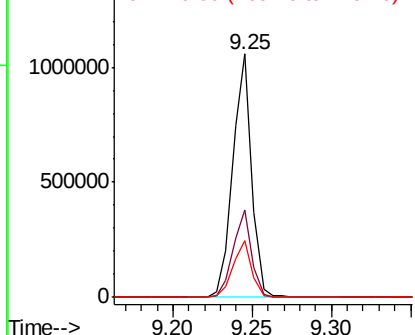
#45
 2-Fluorobiphenyl
 Concen: 51.905 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF111886.D
 Acq: 7 Jan 2019 19:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 869242
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 23.4 19.8 29.8

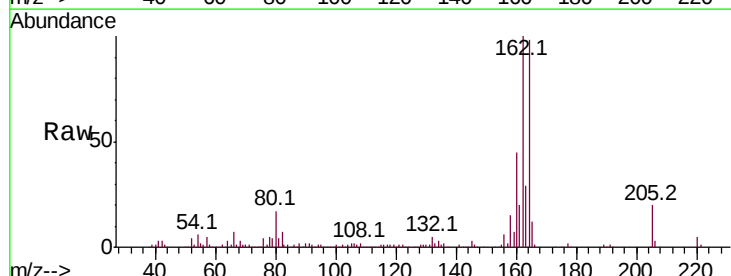


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

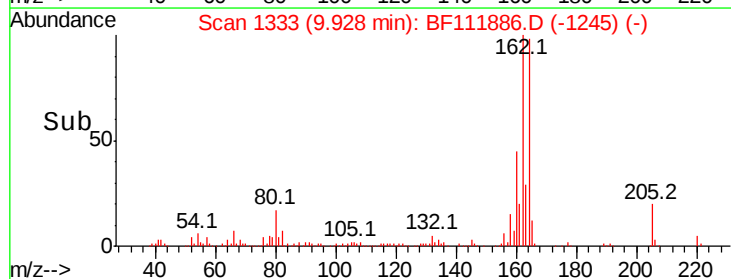
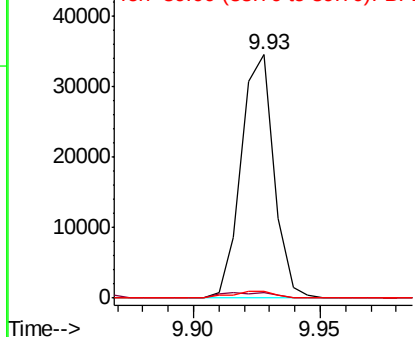


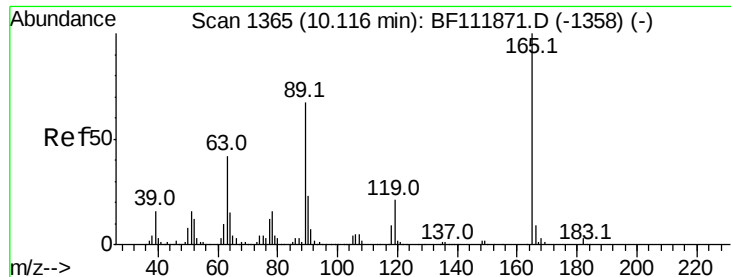
#51
 2,6-Dinitrotoluene
 Concen: 7.553 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.22 min
 Lab File: BF111886.D
 Acq: 7 Jan 2019 19:42

Tgt Ion:165 Resp: 30983
 Ion Ratio Lower Upper
 165 100
 63 2.2 46.2 69.2#
 89 3.0 42.2 63.2#



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: 5.845 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.19 min

Lab File: BF111886.D

Acq: 7 Jan 2019 19:42

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 30983

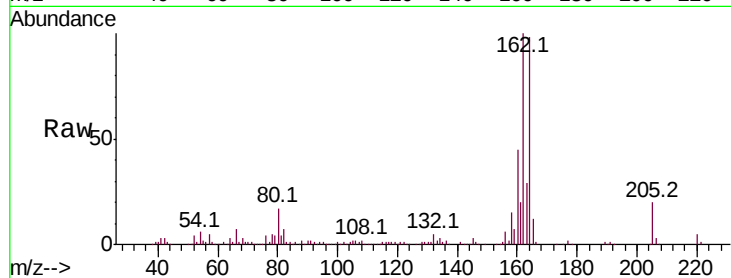
Ion Ratio Lower Upper

165 100

63 2.2 34.1 51.1#

89 3.0 53.5 80.3#

182 0.0 2.0 3.0#

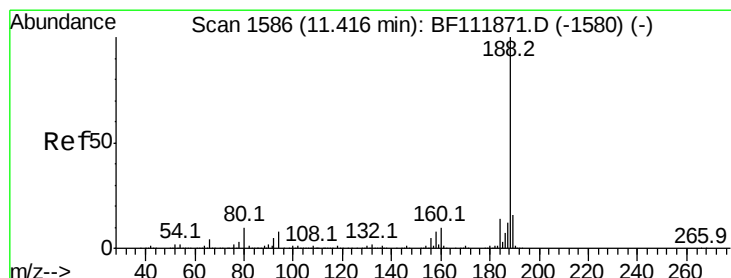
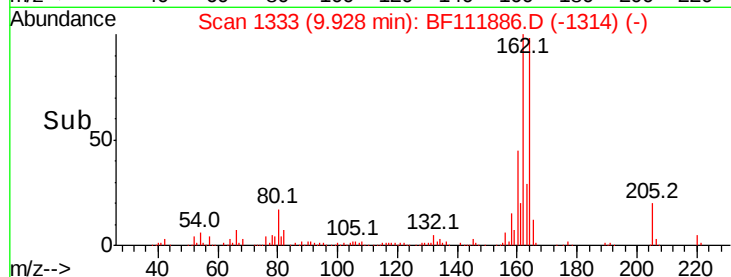
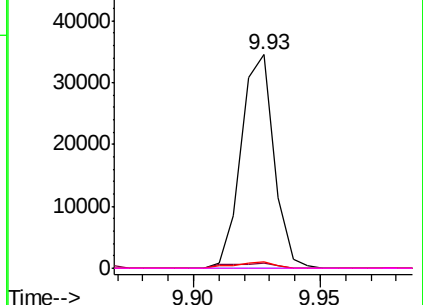


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF111886.D

Acq: 7 Jan 2019 19:42

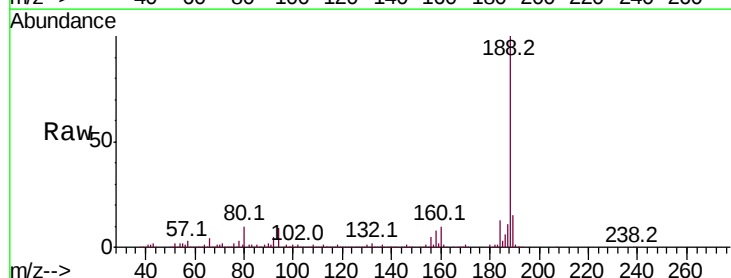
Tgt Ion:188 Resp: 429443

Ion Ratio Lower Upper

188 100

94 9.0 6.6 10.0

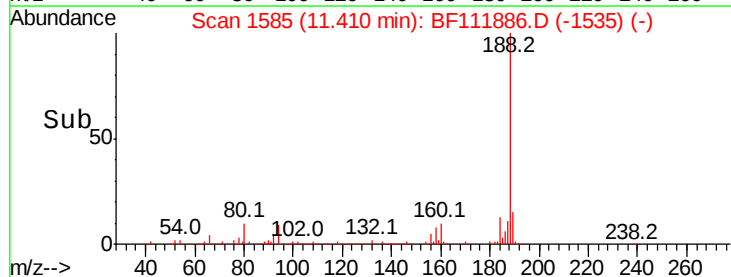
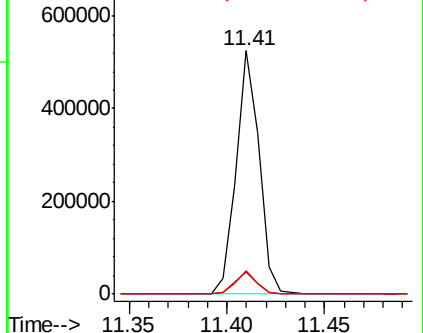
80 9.7 7.7 11.5

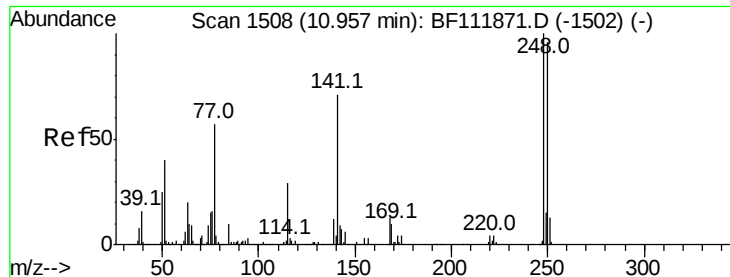


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

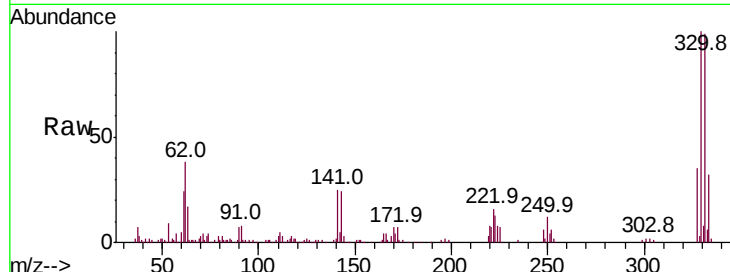




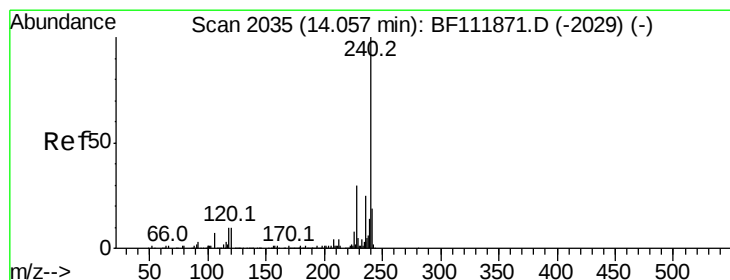
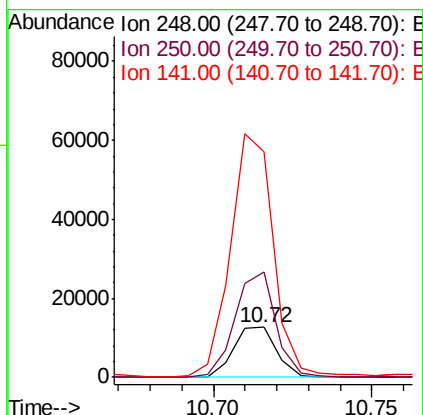
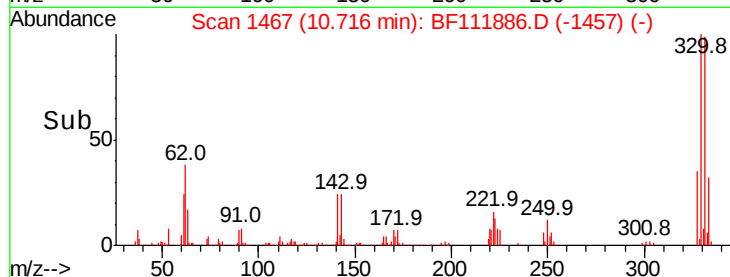
#67
 4-Bromophenyl-phenylether
 Concen: 2.121 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.24 min
 Lab File: BF111886.D
 Acq: 7 Jan 2019 19:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 11800
 Ion Ratio Lower Upper
 248 100
 250 211.0 76.8 115.2#
 141 452.3 57.0 85.6#

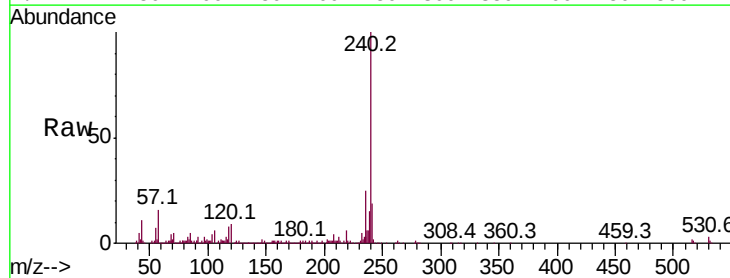


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

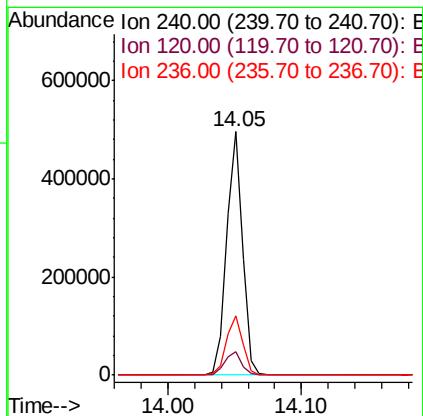
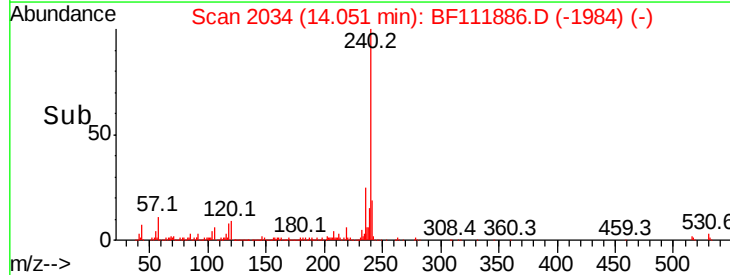


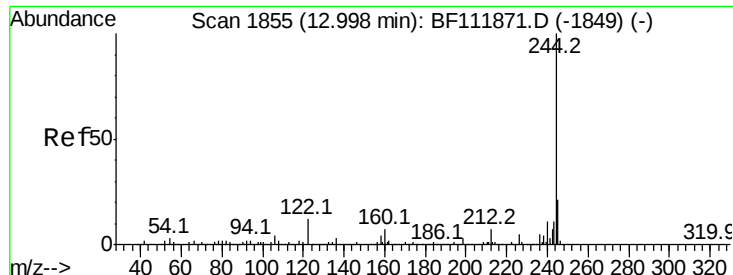
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF111886.D
 Acq: 7 Jan 2019 19:42

Tgt Ion:240 Resp: 418941
 Ion Ratio Lower Upper
 240 100
 120 9.5 8.2 12.2
 236 24.6 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

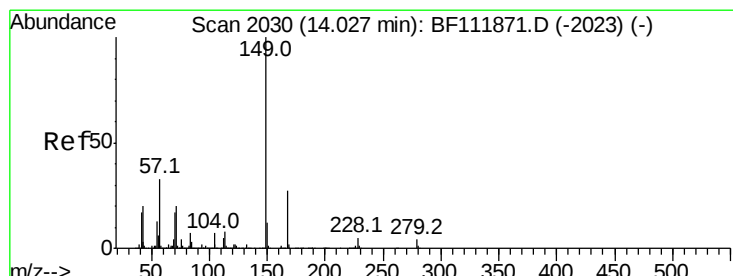
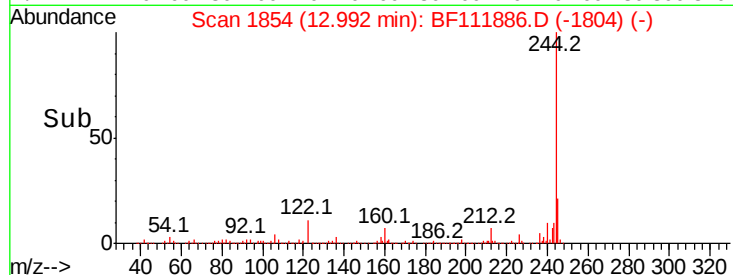
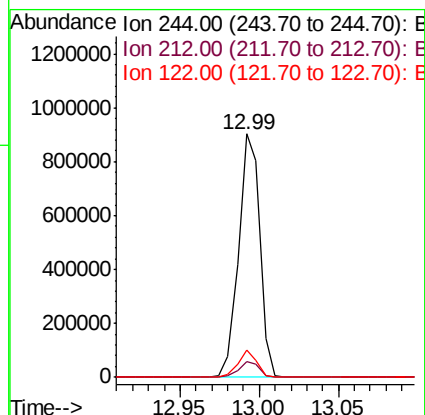
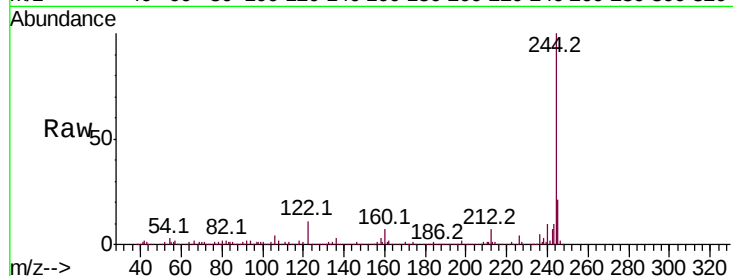




#79
 Terphenyl-d14
 Concen: 37.924 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF111886.D
 Acq: 7 Jan 2019 19:42

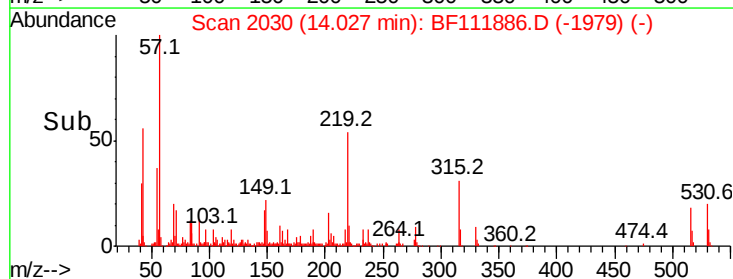
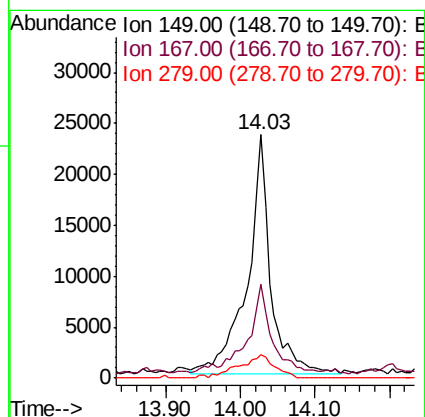
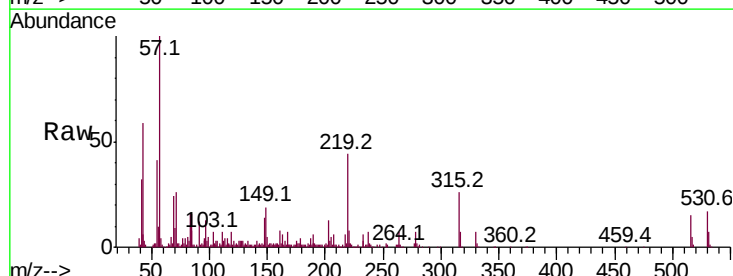
Instrument :
 BNA_F
 ClientSampleId :

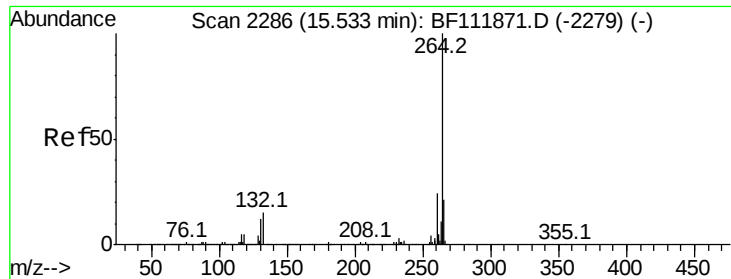
Tot Ion:244 Resp: 837000
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 11.0 9.5 14.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.164 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: BF111886.D
 Acq: 7 Jan 2019 19:42

Tgt Ion:149 Resp: 50633
 Ion Ratio Lower Upper
 149 100
 167 38.7 21.5 32.3#
 279 9.7 3.0 4.6#

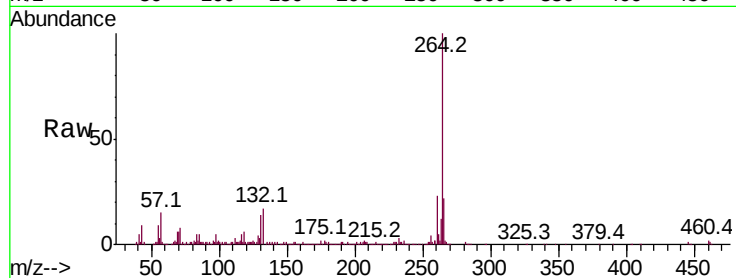




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2286
 Delta R.T. -0.00 min
 Lab File: BF111886.D
 Acq: 7 Jan 2019 19:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	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

