

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111732.D
 Acq On : 26 Dec 2018 23:46
 Operator : JU/SJ
 Sample : J6505-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 27 02:17:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

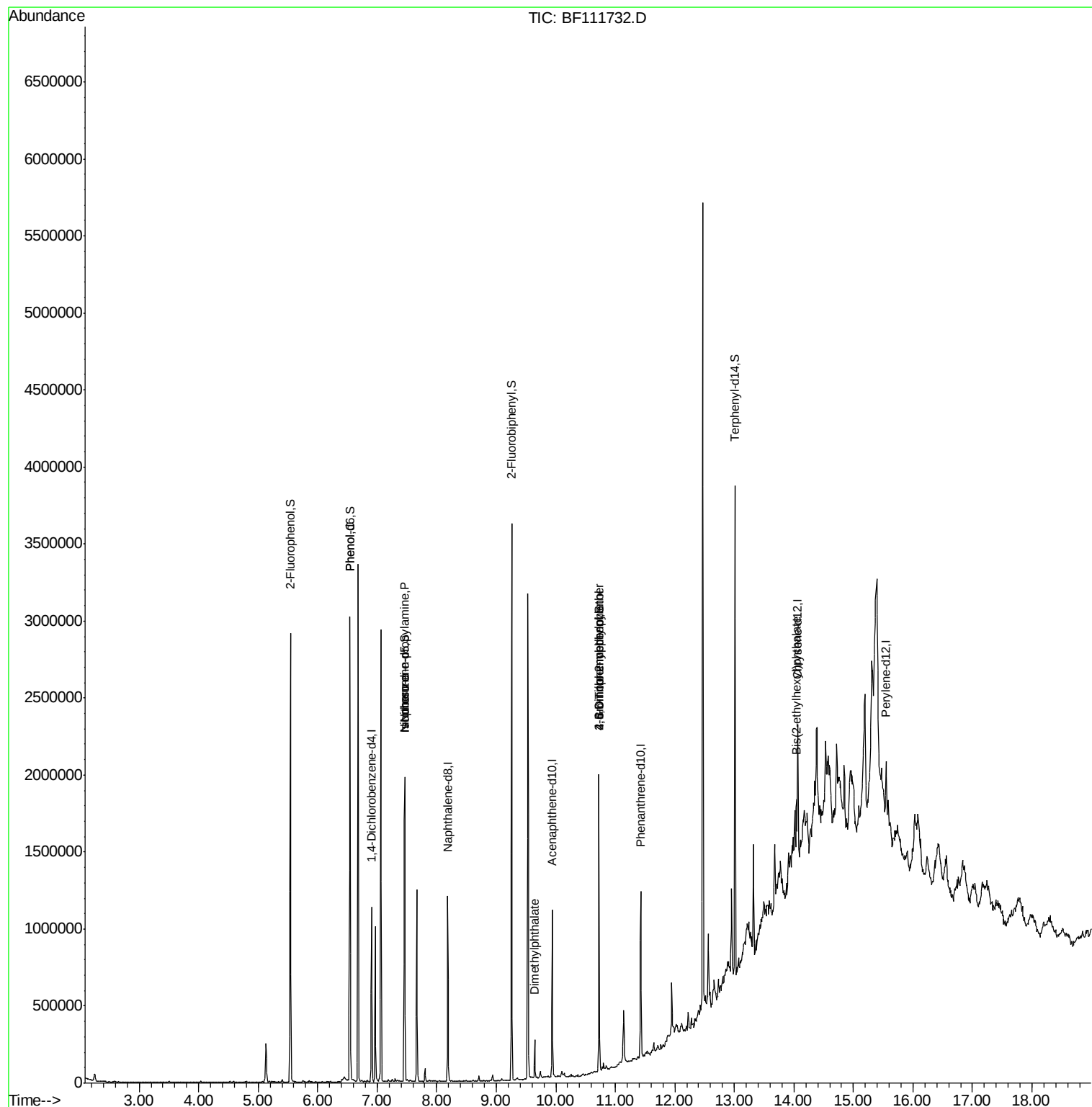
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	144292	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	488127	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	209100	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	363605	20.00	ng	0.01
76) Chrysene-d12	14.06	240	295416	20.00	ng	0.01
87) Perylene-d12	15.55	264	220741	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	766377	90.53	ng	0.03
7) Phenol-d6	6.55	99	945139	87.73	ng	0.02
23) Nitrobenzene-d5	7.46	82	594771	70.92	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	217134	87.88	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1083512	75.53	ng	0.00
79) Terphenyl-d14	13.01	244	1035539	66.48	ng	0.01
Target Compounds						
10) Phenol	6.55	94	44049	3.624	ng	79
19) n-Nitroso-di-n-propylamine	7.46	70	81467	11.387	ng	# 76
25) Isophorone	7.46	82	592031	39.767	ng	# 64
50) Dimethylphthalate	9.65	163	97179	6.355	ng	100
65) 4,6-Dinitro-2-methylphenol	10.73	198	589	7.030	ng	# 1
67) 4-Bromophenyl-phenylether	10.73	248	13443	2.981	ng	# 1
84) Bis(2-ethylhexyl)phthalate	14.04	149	93020	8.684	ng	# 97

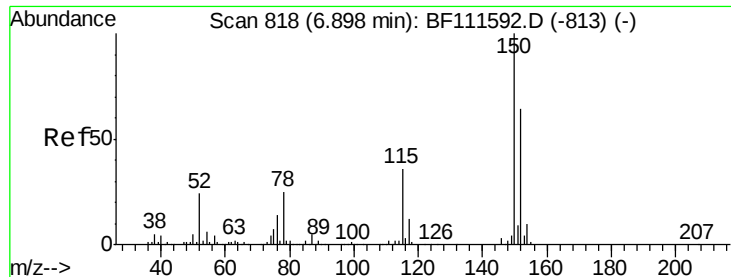
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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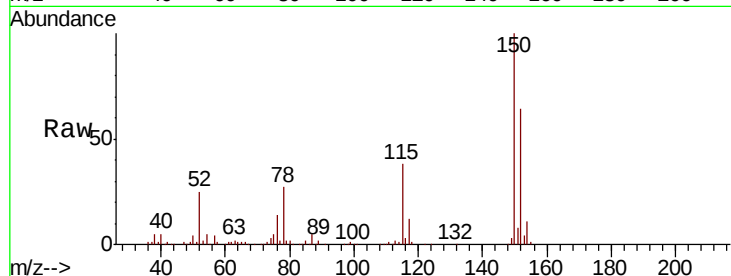


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111732.D
Acq: 26 Dec 2018 23:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.6	189.8
115	59.5	50.7	76.1

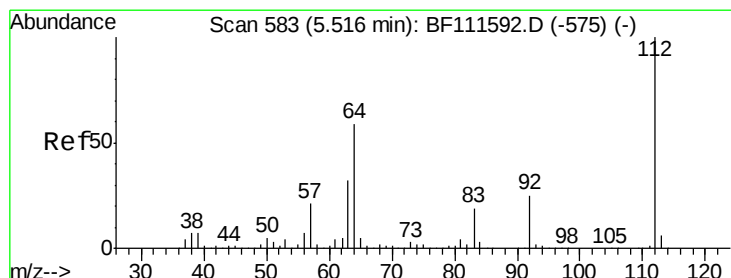
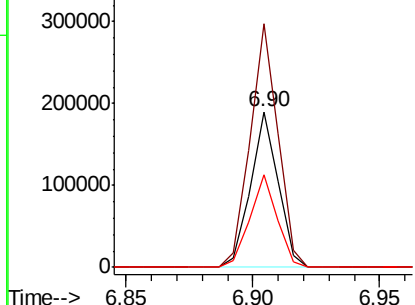
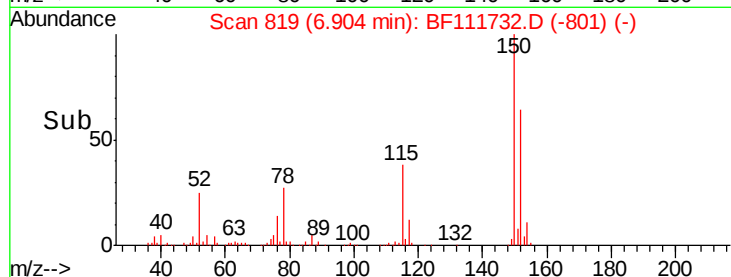


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

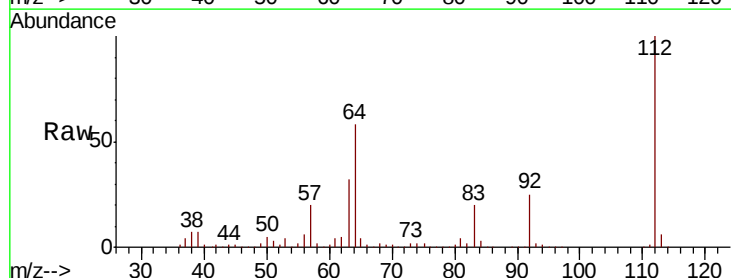
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 90.533 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.03 min
Lab File: BF111732.D
Acq: 26 Dec 2018 23:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	51.8	77.6
63	32.1	26.8	40.2

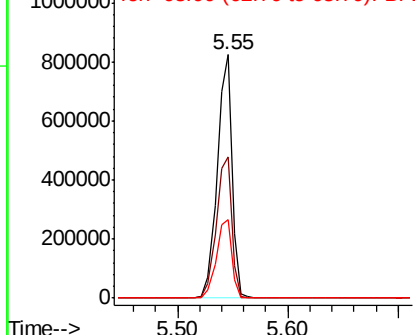
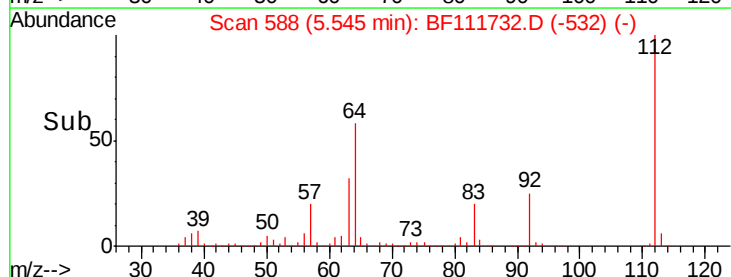


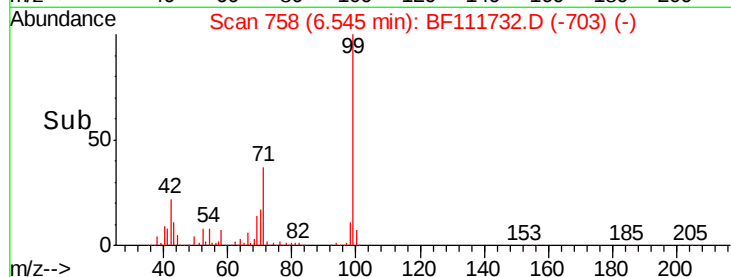
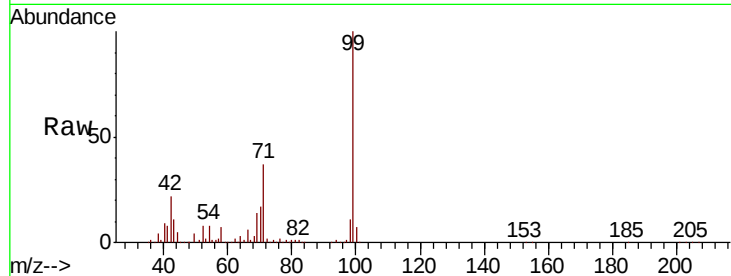
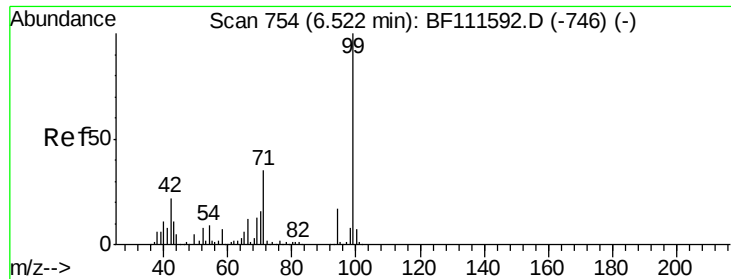
Abundance

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: 87.730 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF111732.D

Acq: 26 Dec 2018 23:46

Instrument :

BNA_F

ClientSampleId :

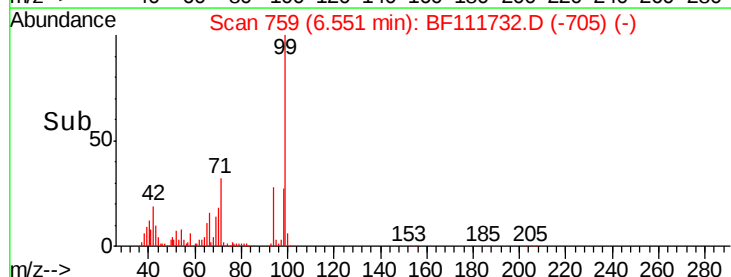
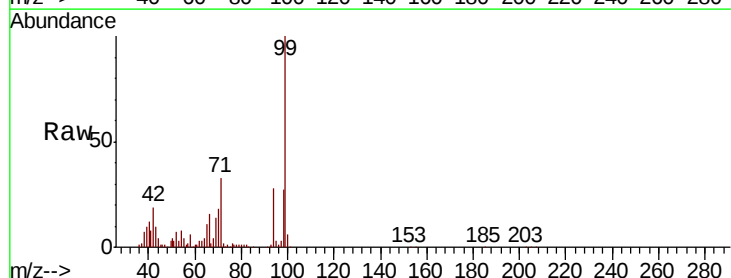
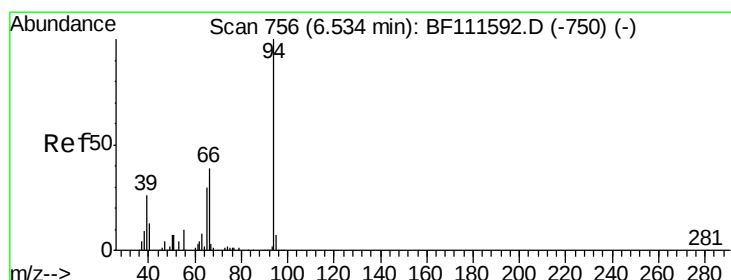
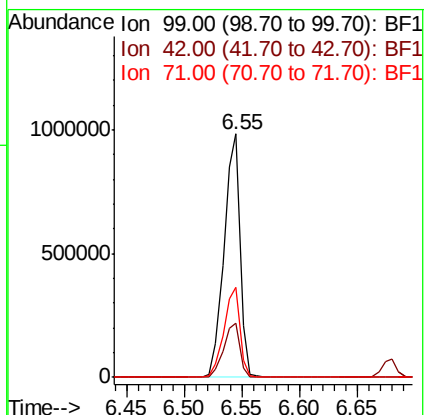
Tot Ion: 99 Resp: 945139

Ion Ratio Lower Upper

99 100

42 22.0 17.4 26.0

71 37.1 26.1 39.1



#10

Phenol

Concen: 3.624 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.02 min

Lab File: BF111732.D

Acq: 26 Dec 2018 23:46

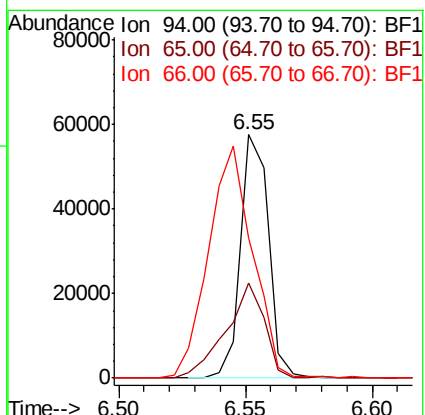
Tgt Ion: 94 Resp: 44049

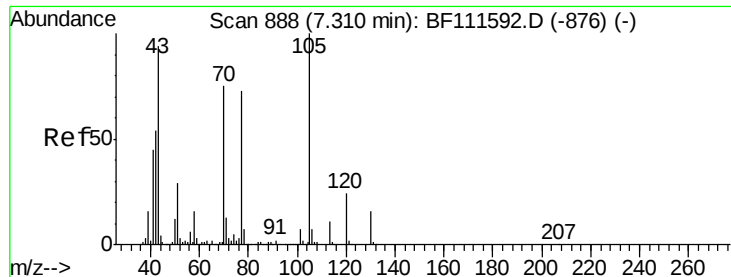
Ion Ratio Lower Upper

94 100

65 39.2 11.7 51.7

66 57.7 21.0 61.0

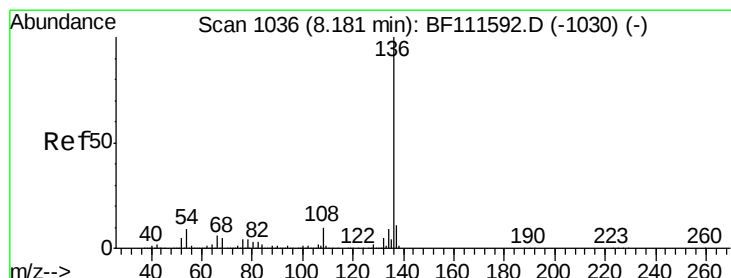
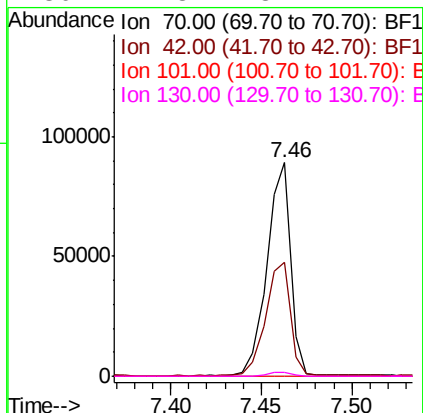
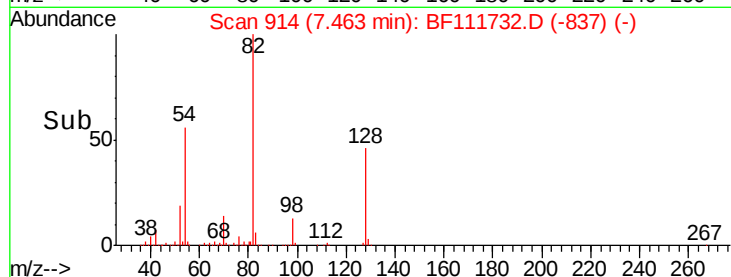
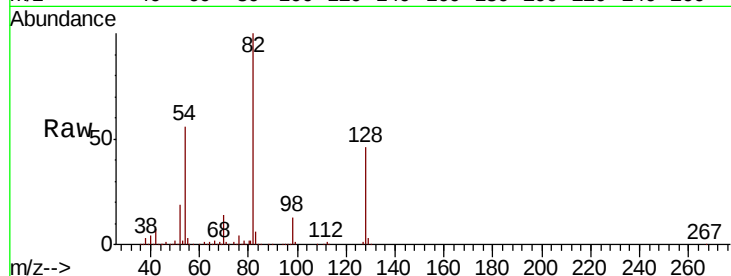




#19
n-Nitroso-di-n-propylamine
Concen: 11.387 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF111732.D
Acq: 26 Dec 2018 23:46

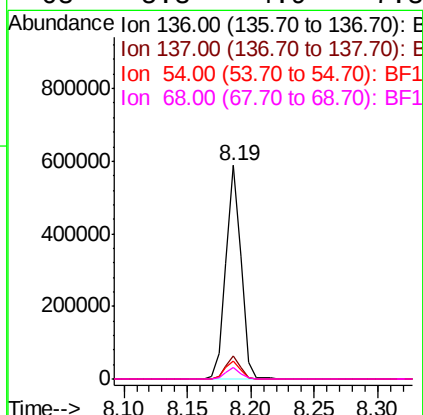
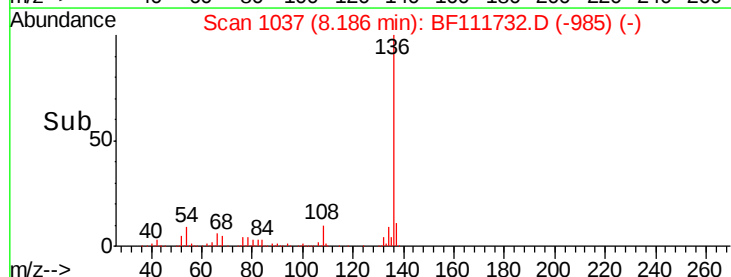
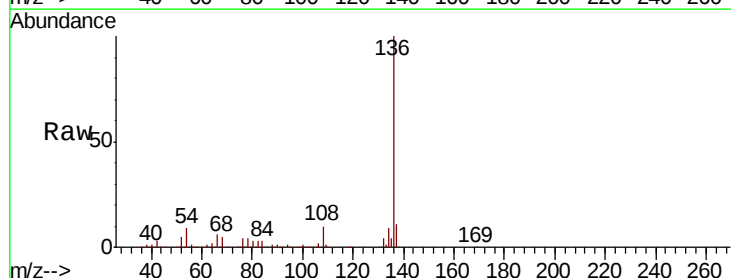
Instrument :
BNA_F
ClientSampleId :

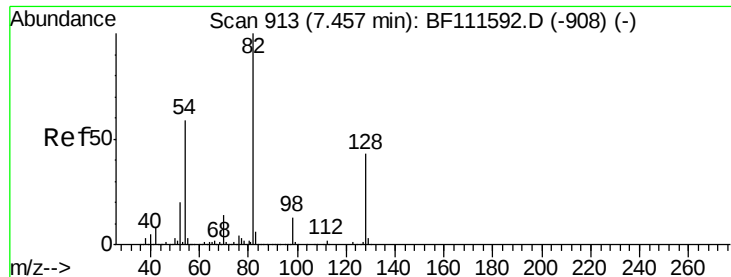
Tot Ion: 70 Resp: 81467
Ion Ratio Lower Upper
70 100
42 53.5 53.2 79.8
101 0.0 8.2 12.4#
130 1.8 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111732.D
Acq: 26 Dec 2018 23:46

Tgt Ion:136 Resp: 488127
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 8.6 7.7 11.5
68 5.3 4.9 7.3

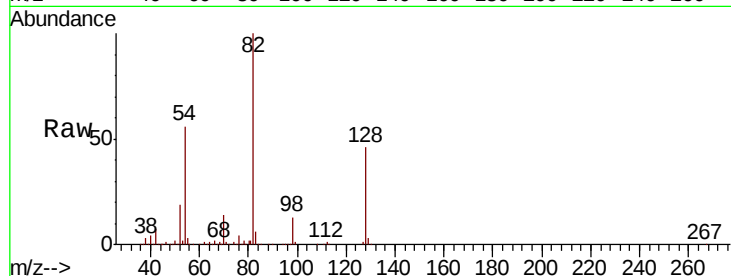




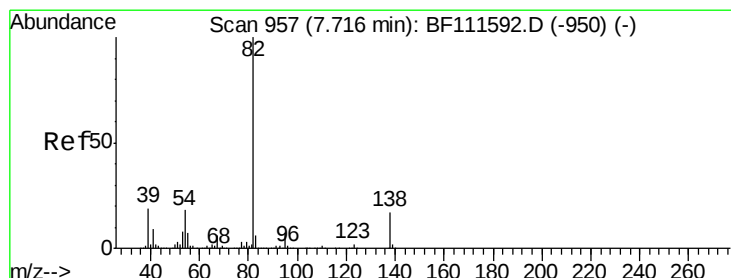
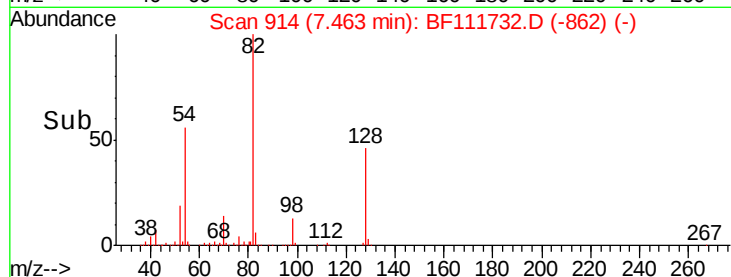
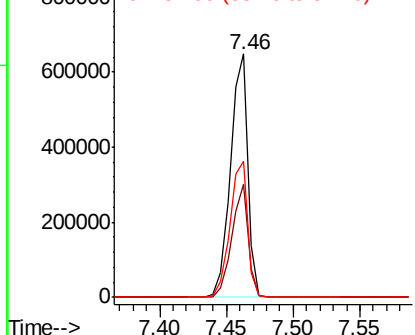
#23
 Nitrobenzene-d5
 Concen: 70.925 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: BF111732.D
 Acq: 26 Dec 2018 23:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.4	56.2
54	55.9	47.6	71.4

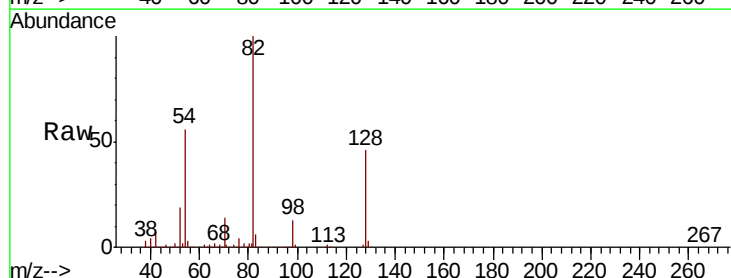


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

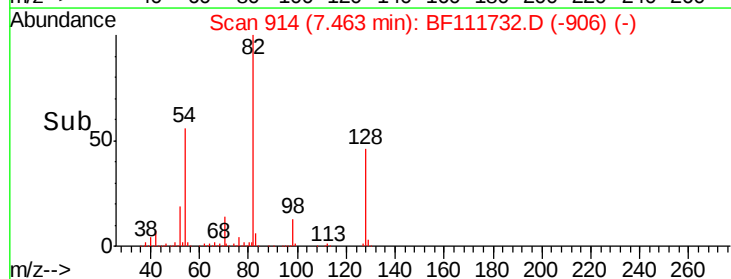
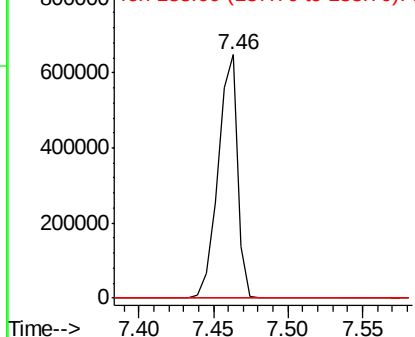


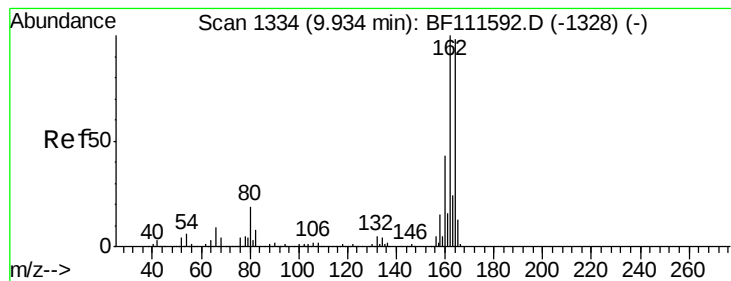
#25
 Isophorone
 Concen: 39.767 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.25 min
 Lab File: BF111732.D
 Acq: 26 Dec 2018 23:46

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.4	8.2#
138	0.0	15.1	22.7#



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: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF111732.D

Acq: 26 Dec 2018 23:46

Instrument :

BNA_F

ClientSampleId :

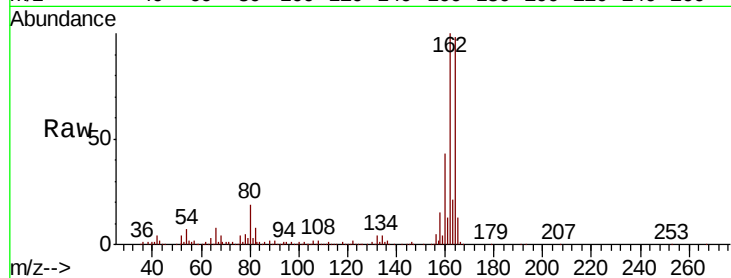
Tot Ion:164 Resp: 209100

Ion Ratio Lower Upper

164 100

162 102.2 81.4 122.0

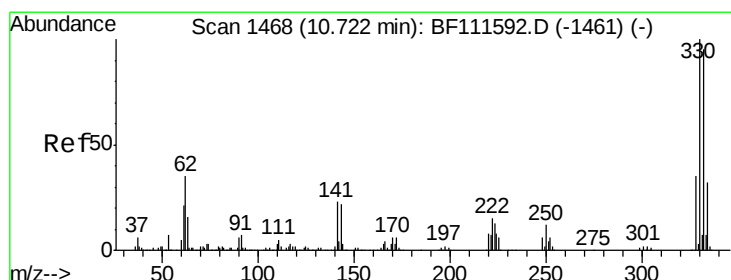
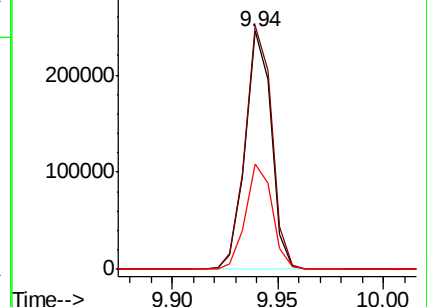
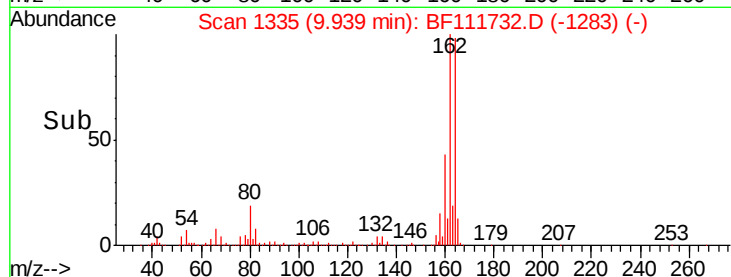
160 44.3 35.7 53.5



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: 87.884 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF111732.D

Acq: 26 Dec 2018 23:46

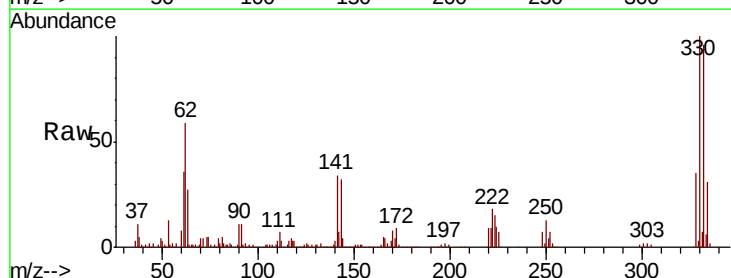
Tgt Ion:330 Resp: 217134

Ion Ratio Lower Upper

330 100

332 96.2 76.0 114.0

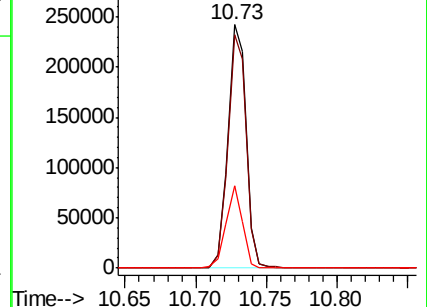
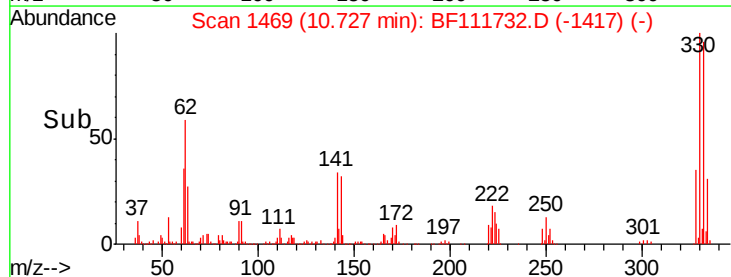
141 31.3 31.0 46.6

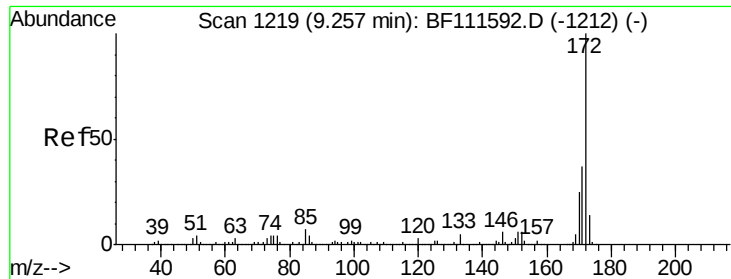


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

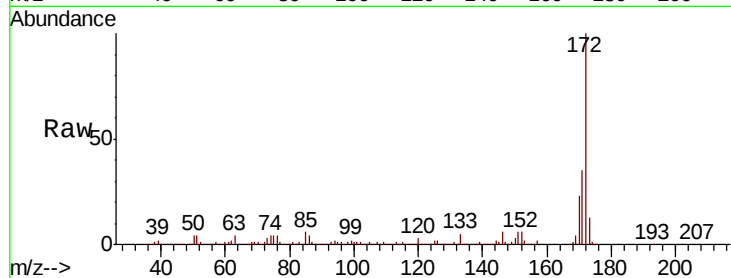




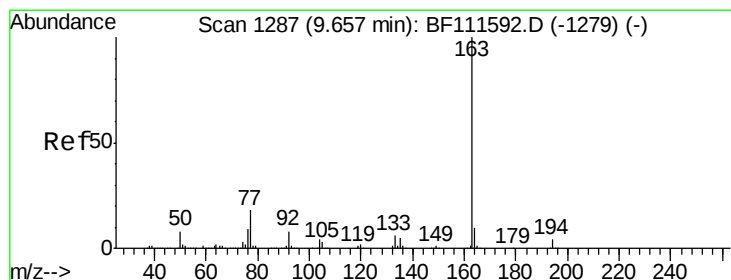
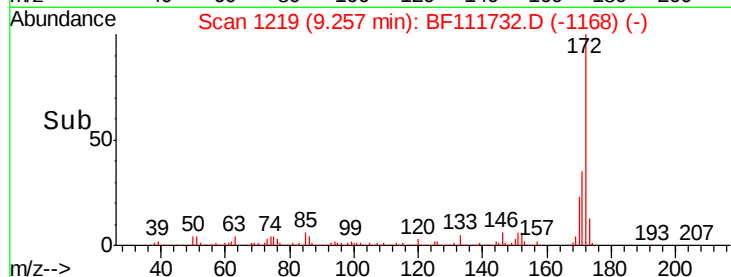
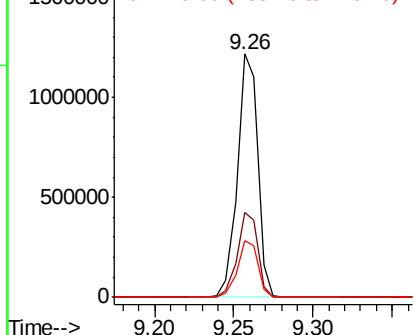
#45
2-Fluorobiphenyl
Concen: 75.529 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111732.D
Acq: 26 Dec 2018 23:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1083512
Ion Ratio Lower Upper
172 100
171 35.1 33.0 49.4
170 23.4 22.3 33.5

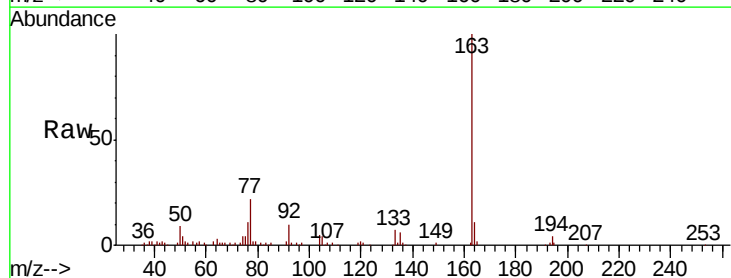


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

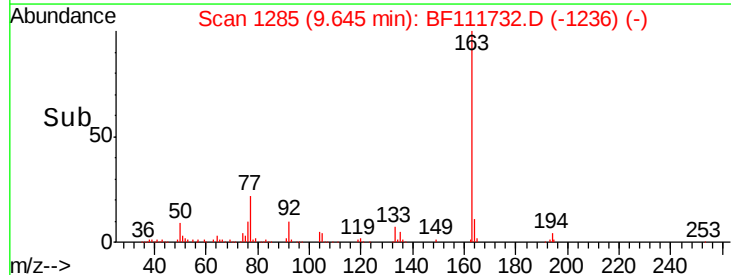
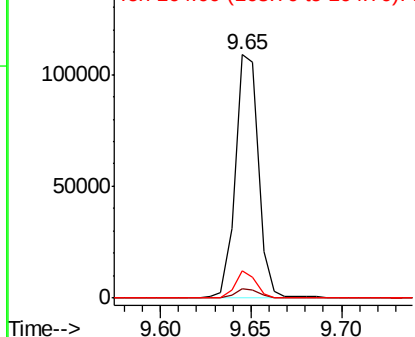


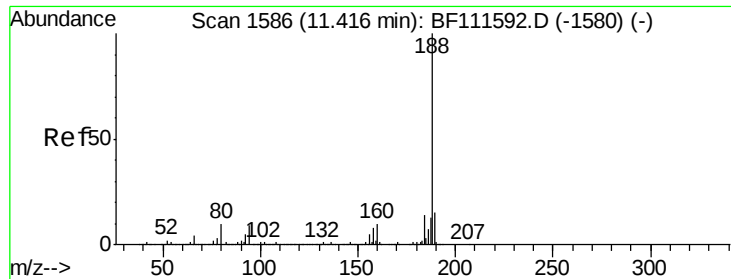
#50
Dimethylphthalate
Concen: 6.355 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111732.D
Acq: 26 Dec 2018 23:46

Tgt Ion:163 Resp: 97179
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 11.0 8.9 13.3



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

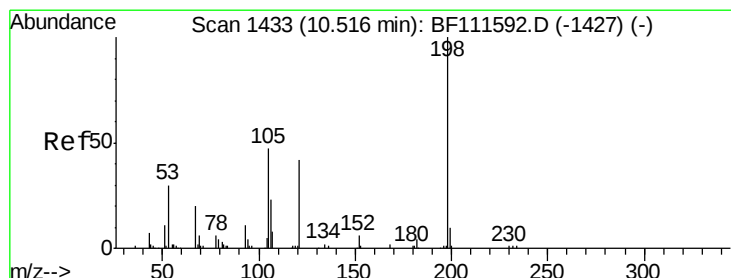
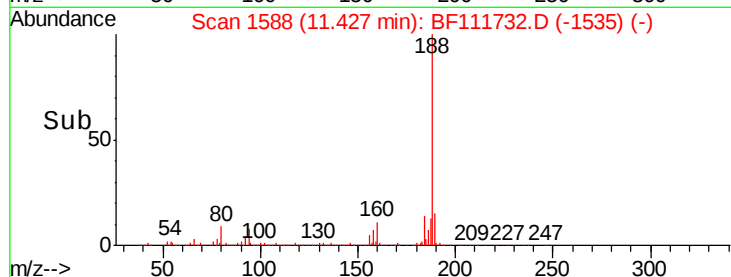
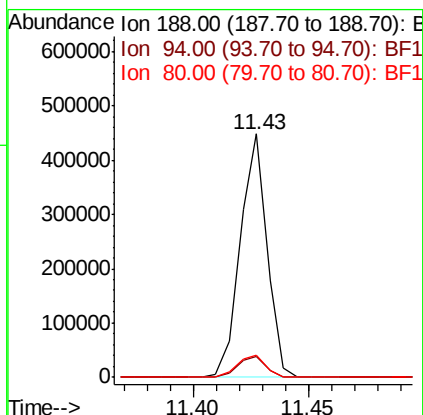
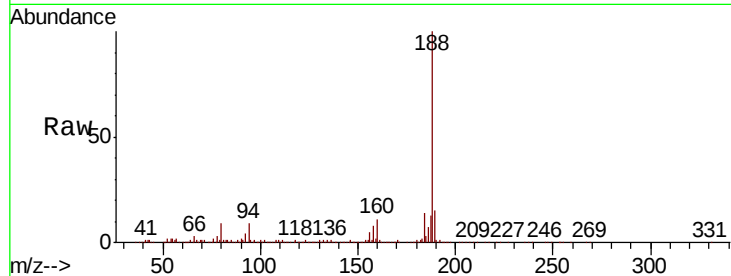




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111732.D
Acq: 26 Dec 2018 23:46

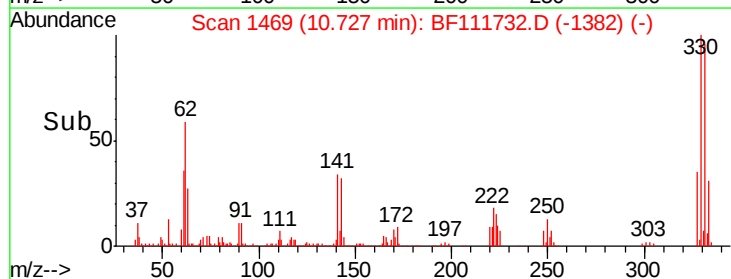
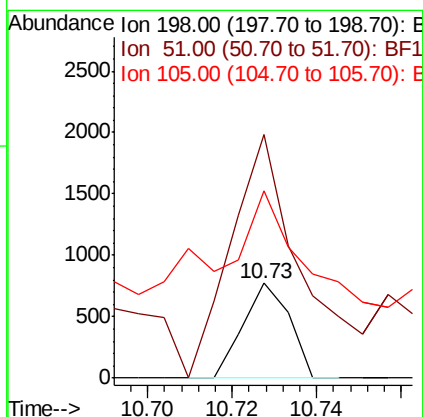
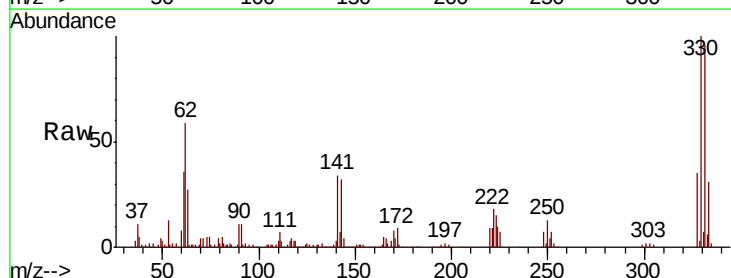
Instrument :
BNA_F
ClientSampleId :

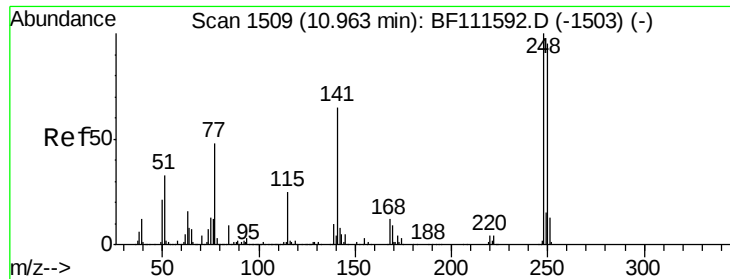
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.6	9.6	14.4#
80	8.9	9.8	14.6#



#65
4,6-Dinitro-2-methylphenol
Concen: 7.030 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.21 min
Lab File: BF111732.D
Acq: 26 Dec 2018 23:46

Tgt Ion	Ratio	Lower	Upper
198	100		
51	256.2	48.0	88.0#
105	197.4	34.0	74.0#

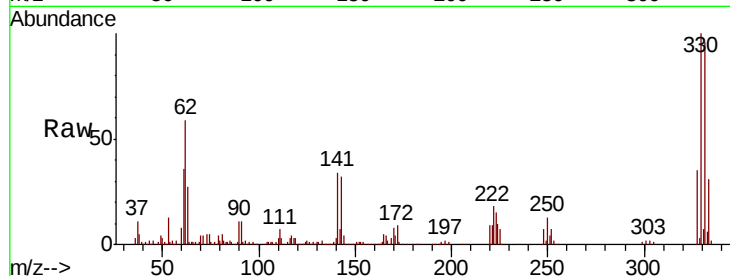




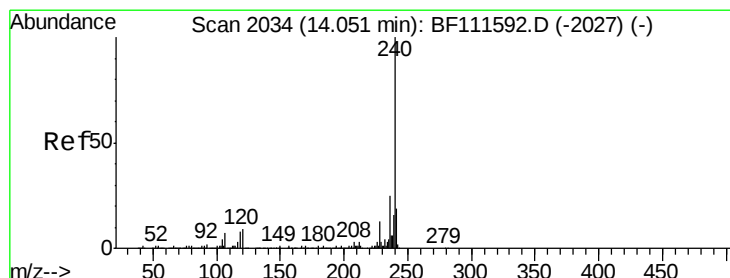
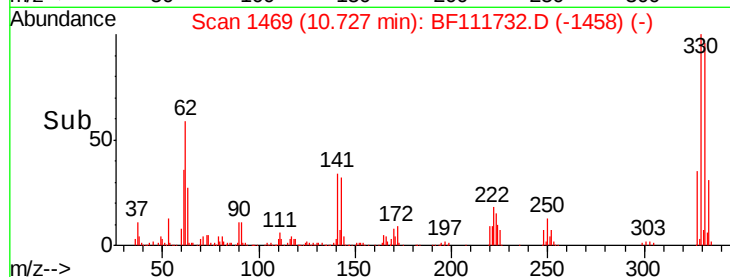
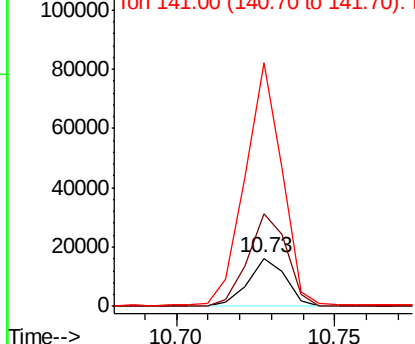
#67
4-Bromophenyl-phenylether
Concen: 2.981 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF111732.D
Acq: 26 Dec 2018 23:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 13443
Ion Ratio Lower Upper
248 100
250 193.4 77.0 115.4#
141 509.9 63.0 94.6#

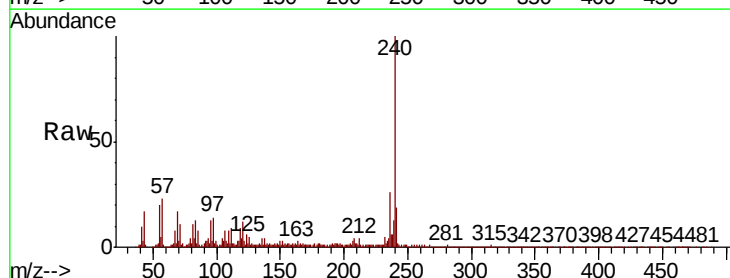


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

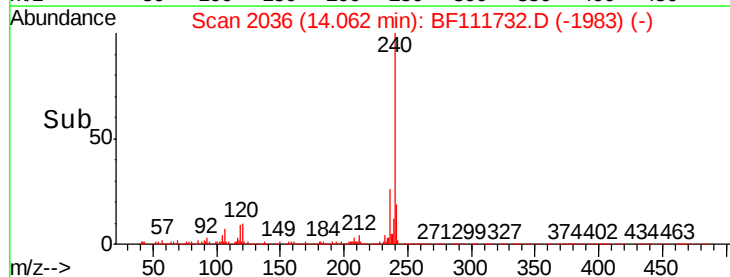
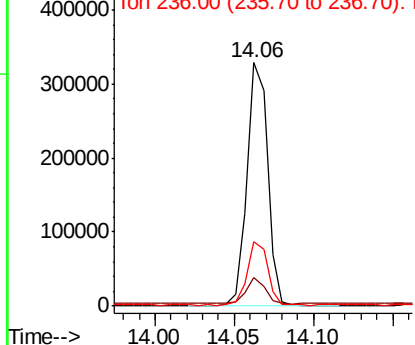


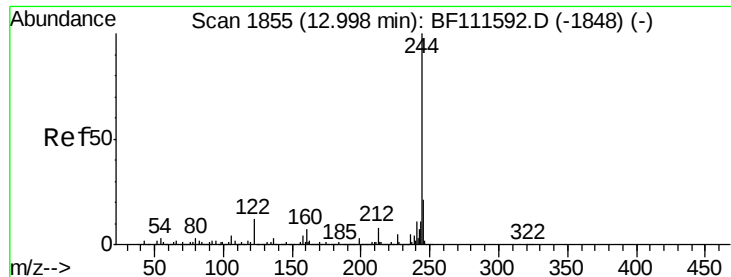
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF111732.D
Acq: 26 Dec 2018 23:46

Tgt Ion:240 Resp: 295416
Ion Ratio Lower Upper
240 100
120 11.5 12.2 18.2#
236 26.2 20.2 30.2



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: 66.476 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111732.D

Acq: 26 Dec 2018 23:46

Instrument :

BNA_F

ClientSampleId :

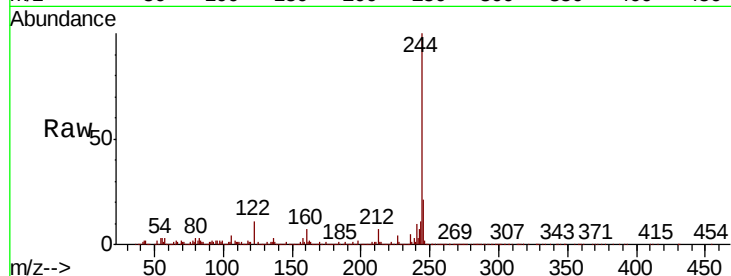
Tot Ion:244 Resp: 1035539

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

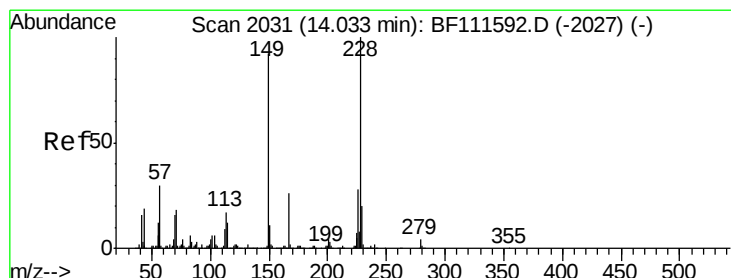
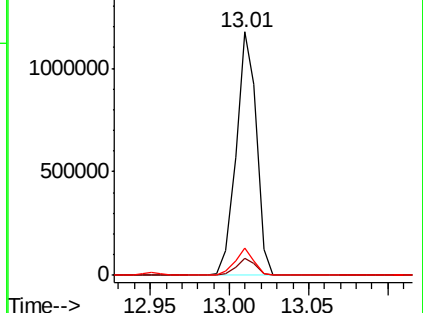
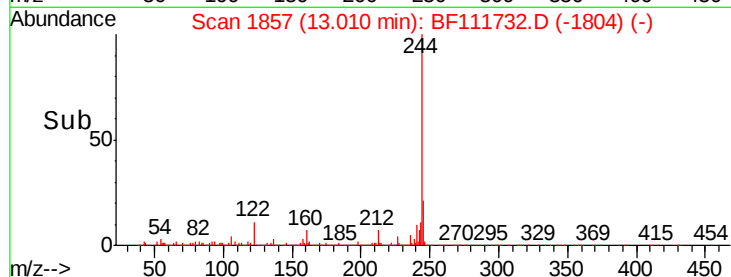
122 11.0 13.1 19.7#



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.684 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF111732.D

Acq: 26 Dec 2018 23:46

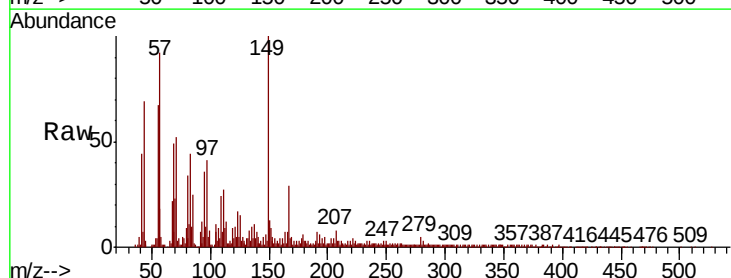
Tgt Ion:149 Resp: 93020

Ion Ratio Lower Upper

149 100

167 29.4 22.5 33.7

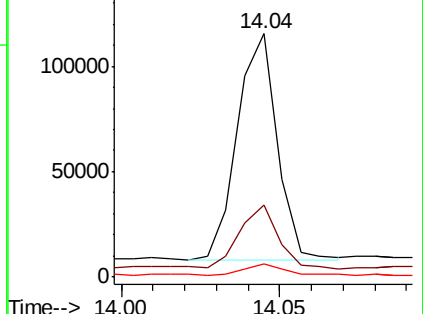
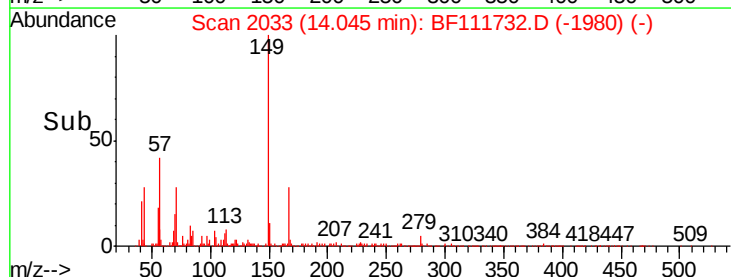
279 5.3 2.6 4.0#

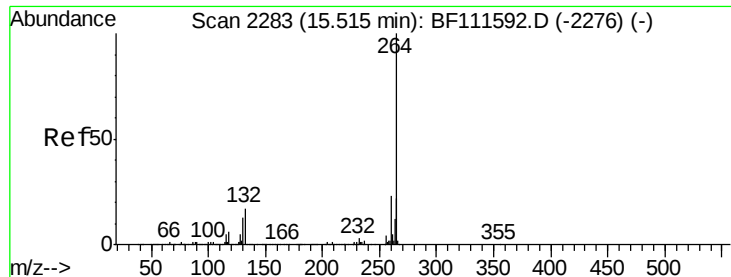


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

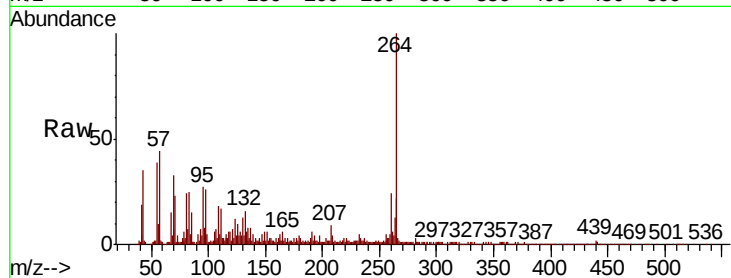




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.04 min
Lab File: BF111732.D
Acq: 26 Dec 2018 23:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.3	27.5
265	22.0	17.7	26.5



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

