

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111729.D
 Acq On : 26 Dec 2018 22:25
 Operator : JU/SJ
 Sample : J6525-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 27 02:16:19 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

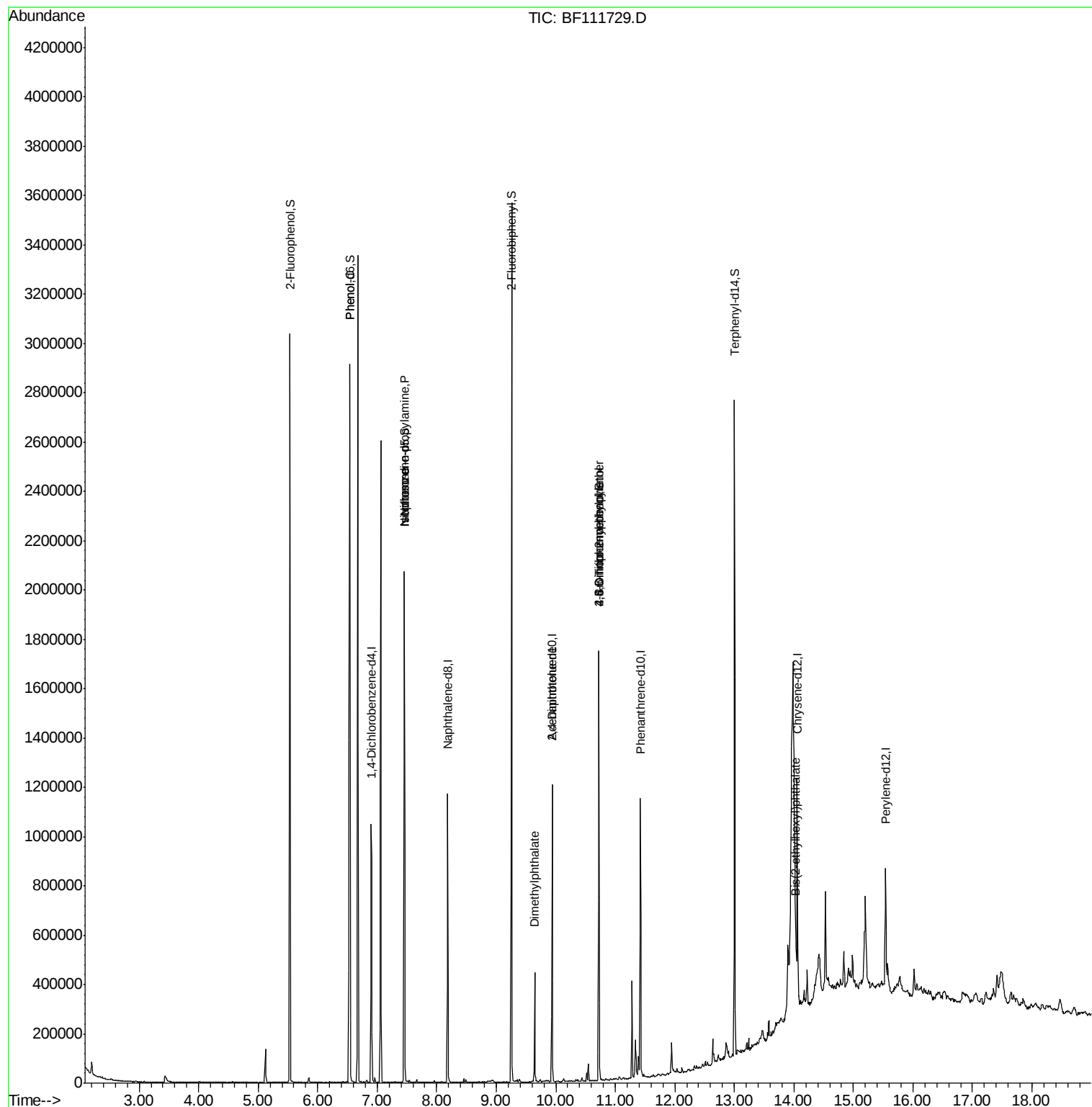
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	149067	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	532712	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	229330	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	368572	20.00	ng	0.00
76) Chrysene-d12	14.06	240	325707	20.00	ng	0.00
87) Perylene-d12	15.54	264	229730	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	736134	84.17	ng	0.02
7) Phenol-d6	6.54	99	927352	83.32	ng	0.02
23) Nitrobenzene-d5	7.46	82	573781	62.70	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	206997	76.39	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1018818	64.75	ng	0.00
79) Terphenyl-d14	13.00	244	863907	50.30	ng	0.00
Target Compounds						
10) Phenol	6.55	94	67747	5.395	ng	90
19) n-Nitroso-di-n-propylamine	7.46	70	77607	10.500	ng	# 77
25) Isophorone	7.46	82	570526	35.115	ng	# 64
50) Dimethylphthalate	9.65	163	156903	9.356	ng	96
57) 2,4-Dinitrotoluene	9.94	165	29775	7.409	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.72	198	378	6.906	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	13348	2.920	ng	# 1
84) Bis(2-ethylhexyl)phthalate	14.04	149	39886	3.377	ng	# 95

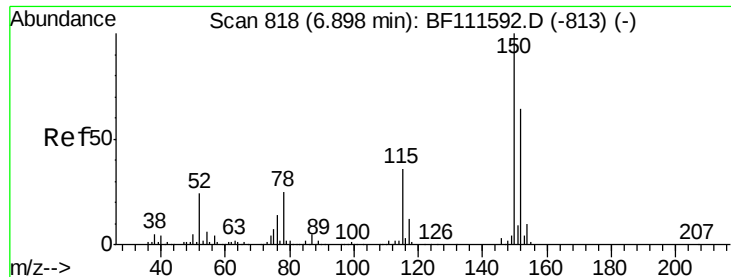
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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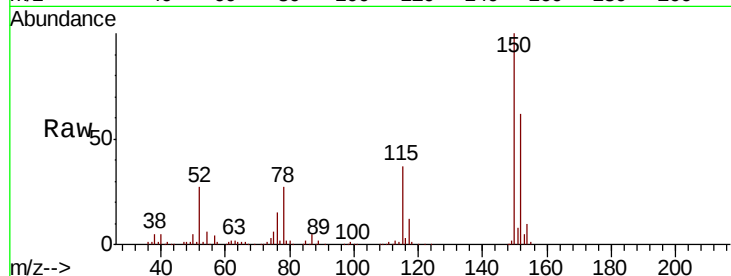


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111729.D
Acq: 26 Dec 2018 22:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	126.6	189.8
115	59.8	50.7	76.1

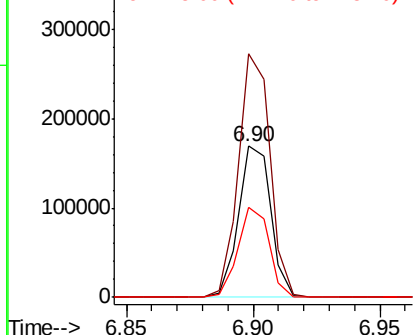
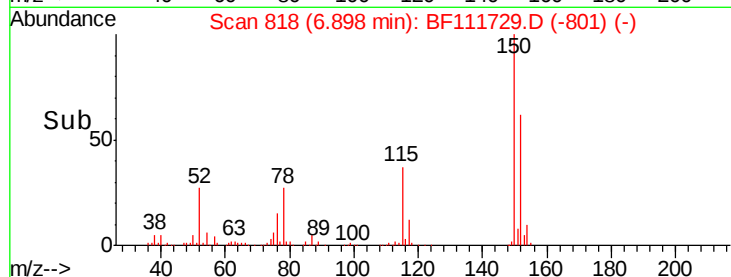


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

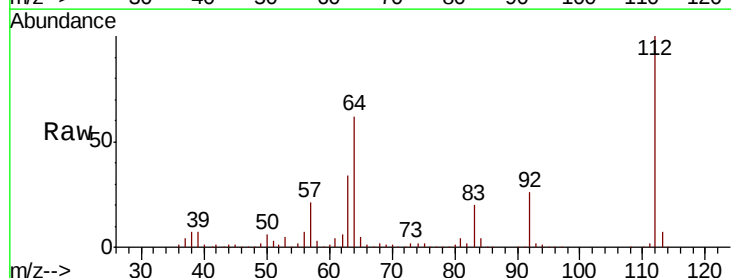
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 84.175 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF111729.D
Acq: 26 Dec 2018 22:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.7	51.8	77.6
63	34.5	26.8	40.2

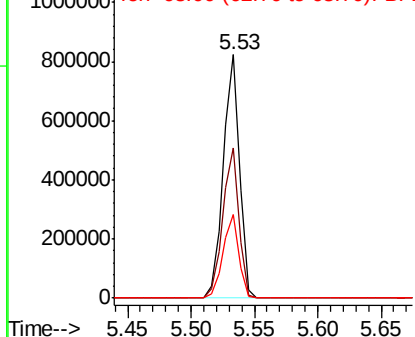
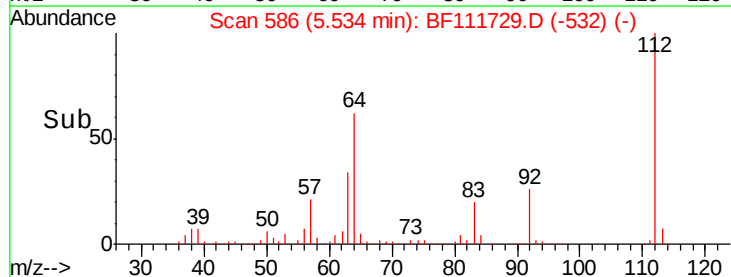


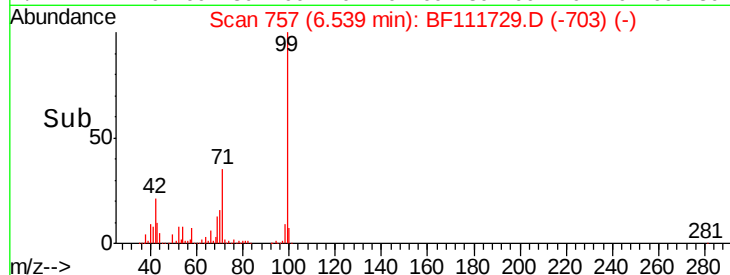
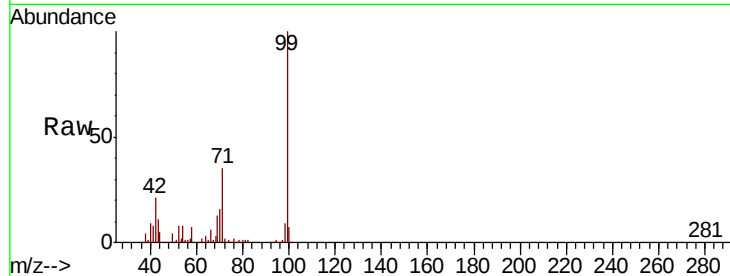
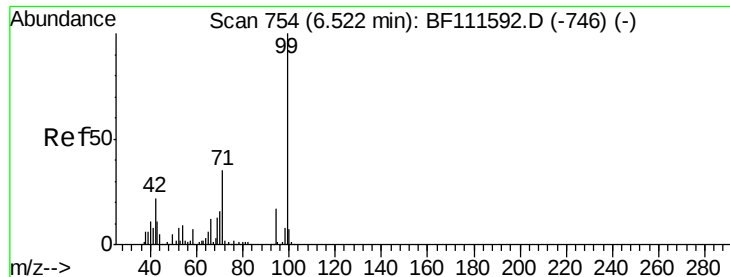
Abundance

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: 83.322 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111729.D

Acq: 26 Dec 2018 22:25

Instrument :

BNA_F

ClientSampleId :

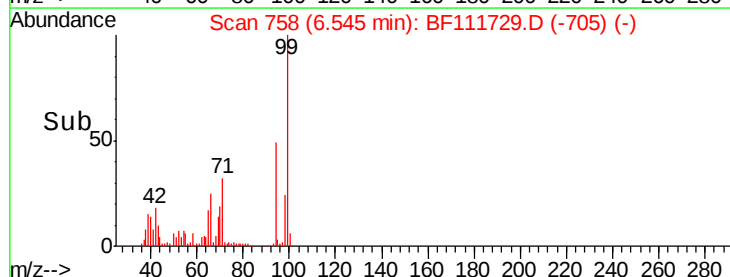
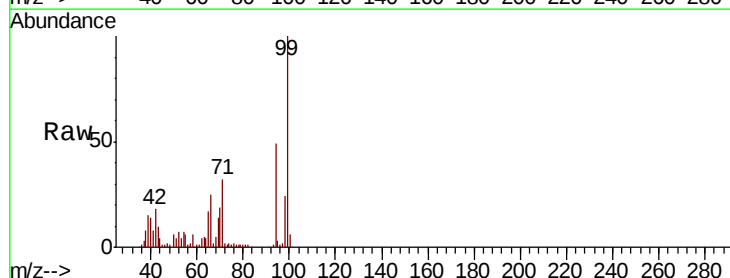
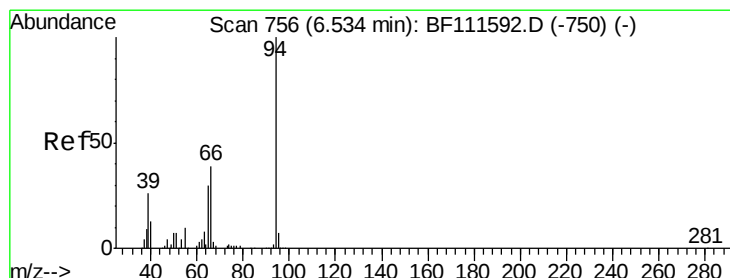
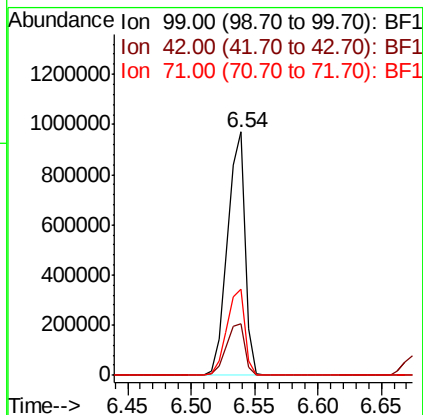
Tot Ion: 99 Resp: 927352

Ion Ratio Lower Upper

99 100

42 21.0 17.4 26.0

71 35.4 26.1 39.1



#10

Phenol

Concen: 5.395 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF111729.D

Acq: 26 Dec 2018 22:25

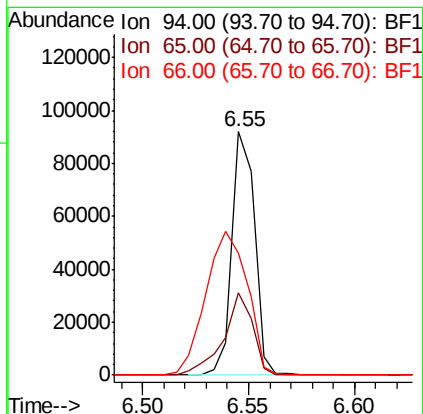
Tgt Ion: 94 Resp: 67747

Ion Ratio Lower Upper

94 100

65 34.0 11.7 51.7

66 49.9 21.0 61.0

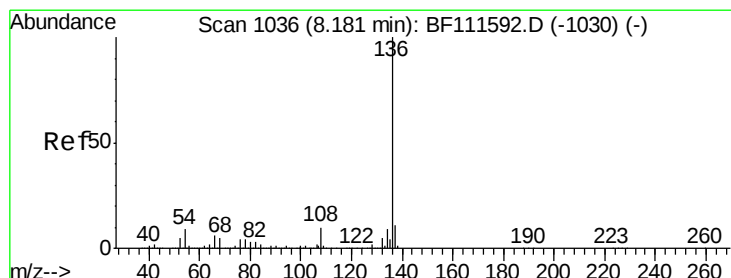
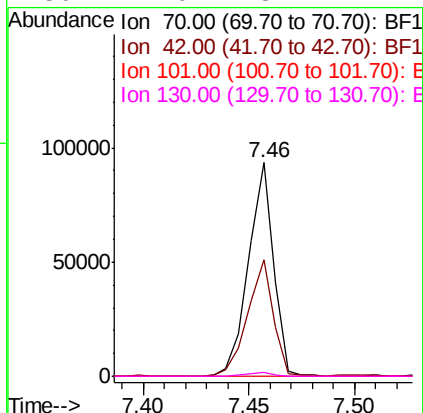
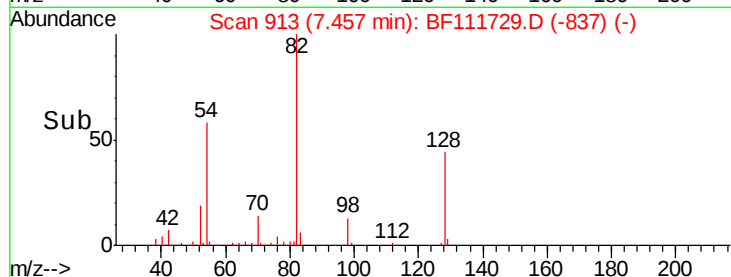
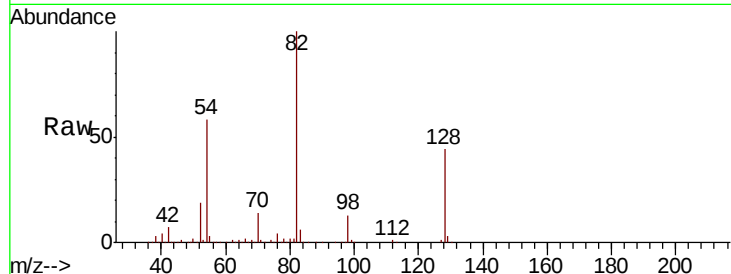




#19
n-Nitroso-di-n-propylamine
Concen: 10.500 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.15 min
Lab File: BF111729.D
Acq: 26 Dec 2018 22:25

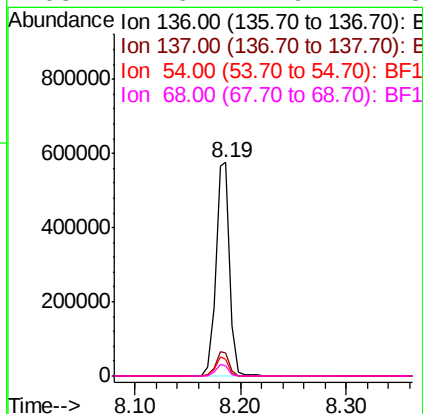
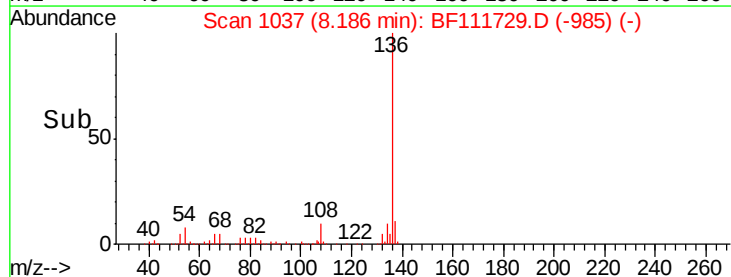
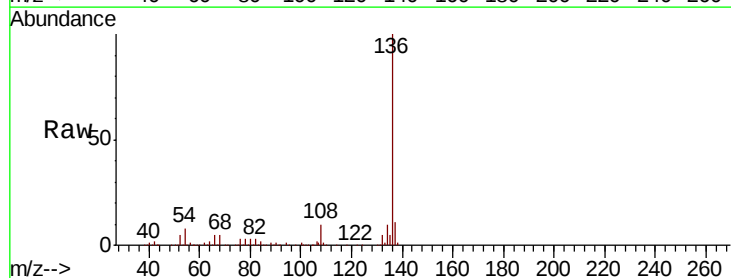
Instrument :
BNA_F
ClientSampleId :

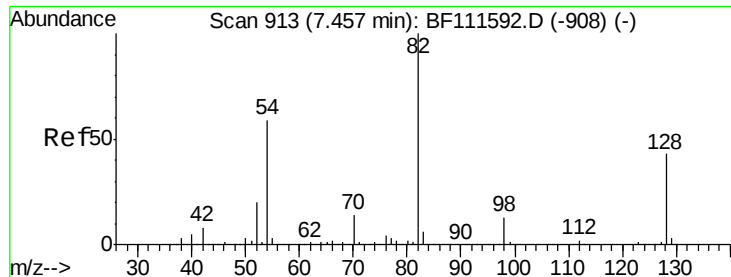
Tot Ion: 70 Resp: 77607
Ion Ratio Lower Upper
70 100
42 54.5 53.2 79.8
101 0.0 8.2 12.4#
130 2.0 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111729.D
Acq: 26 Dec 2018 22:25

Tgt Ion: 136 Resp: 532712
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 7.7 7.7 11.5
68 4.6 4.9 7.3#

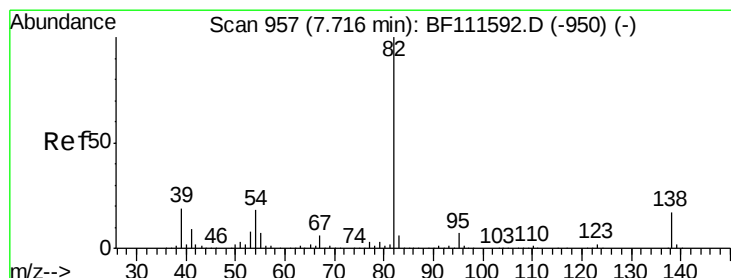
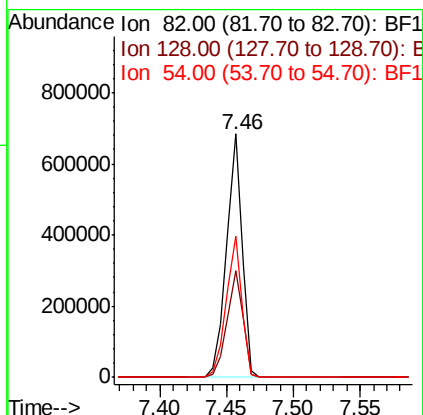
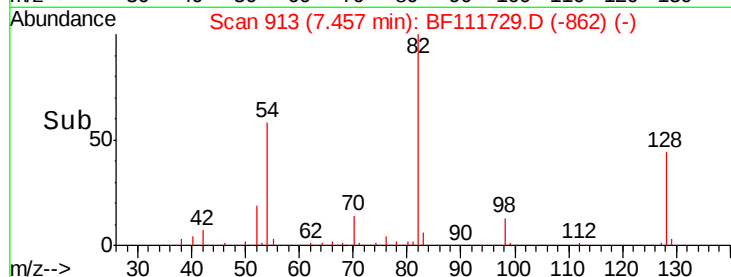
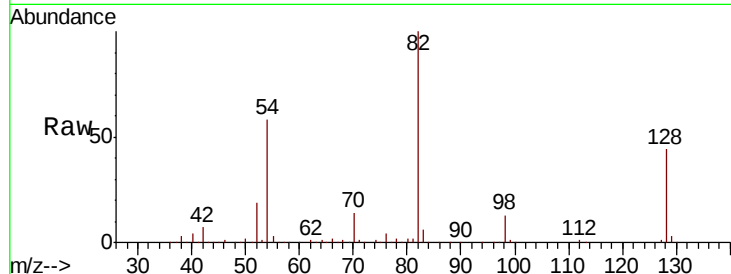




#23
Nitrobenzene-d5
Concen: 62.695 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111729.D
Acq: 26 Dec 2018 22:25

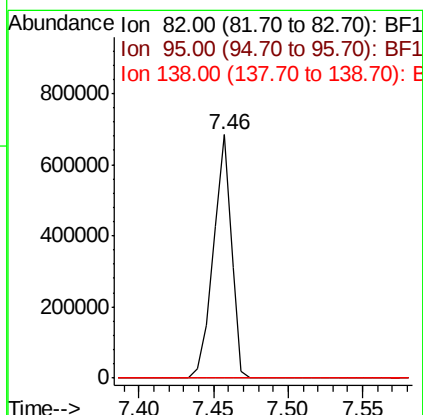
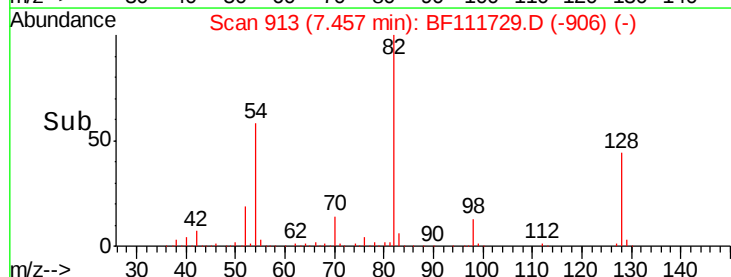
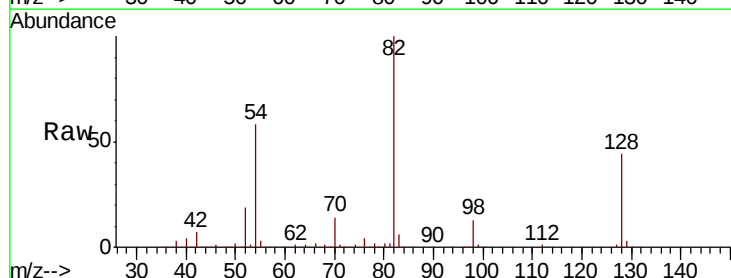
Instrument :
BNA_F
ClientSampled :

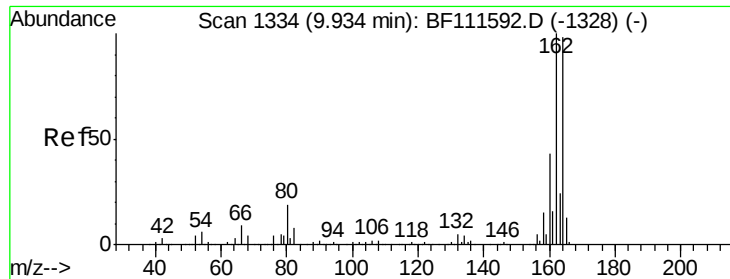
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	37.4	56.2
54	57.8	47.6	71.4



#25
Isophorone
Concen: 35.115 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF111729.D
Acq: 26 Dec 2018 22:25

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

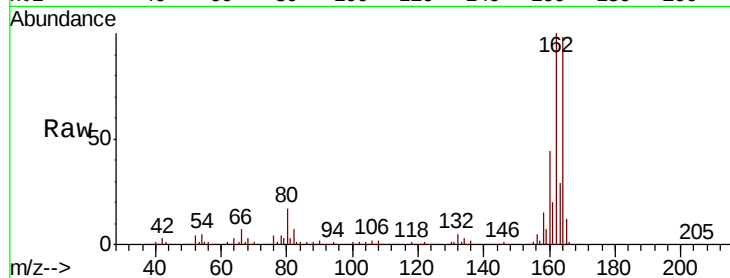




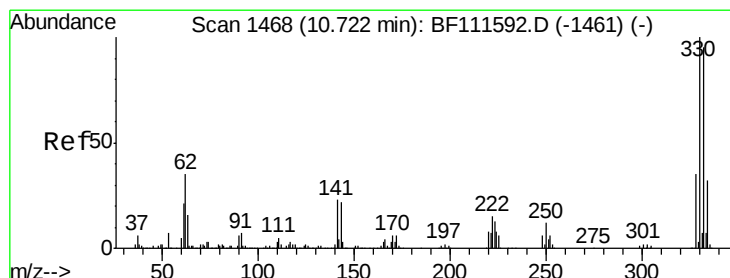
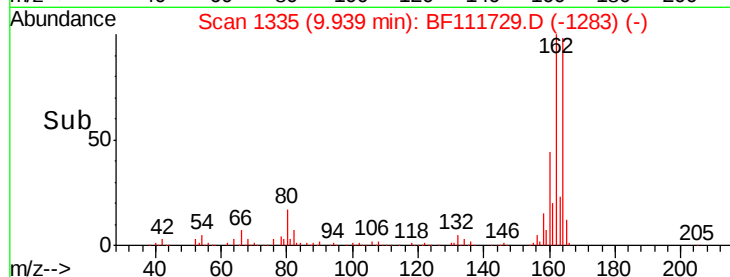
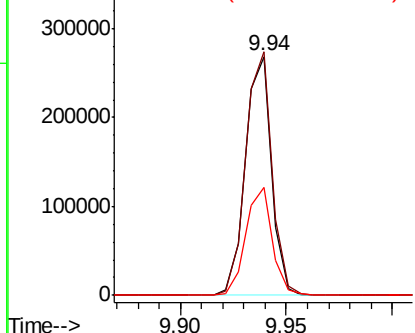
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF111729.D
 Acq: 26 Dec 2018 22:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 229330
 Ion Ratio Lower Upper
 164 100
 162 101.8 81.4 122.0
 160 45.1 35.7 53.5

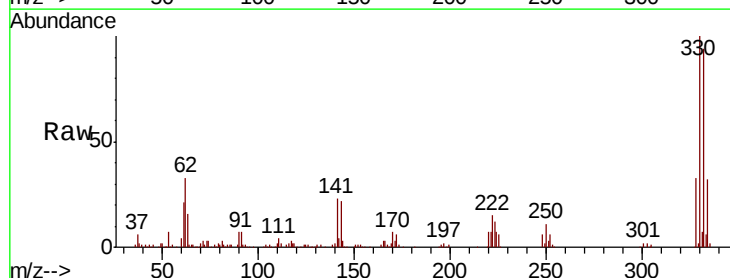


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

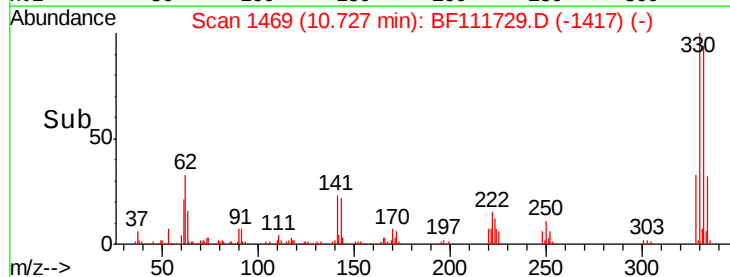
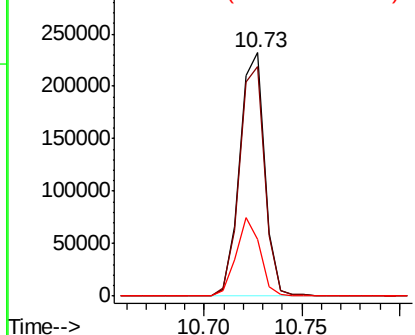


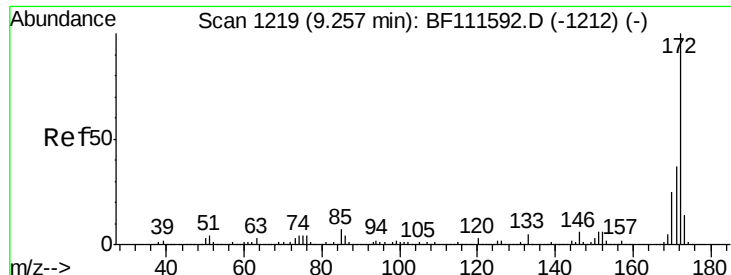
#42
 2,4,6-Tribromophenol
 Concen: 76.391 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.01 min
 Lab File: BF111729.D
 Acq: 26 Dec 2018 22:25

Tgt Ion:330 Resp: 206997
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.0 114.0
 141 30.7 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

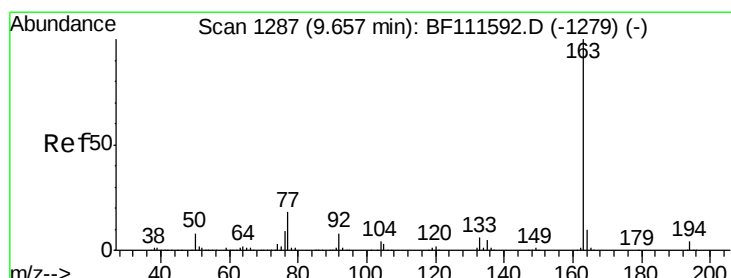
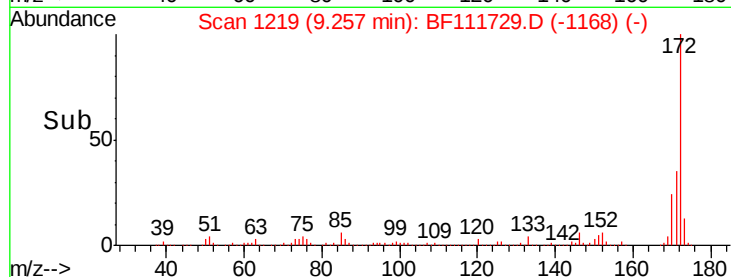
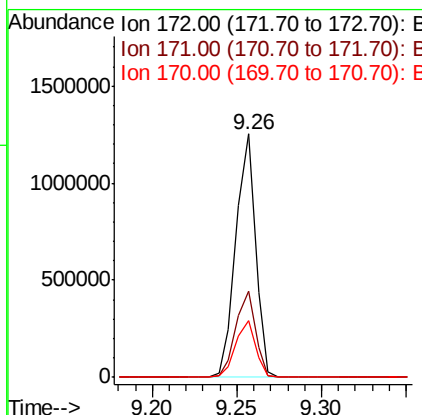
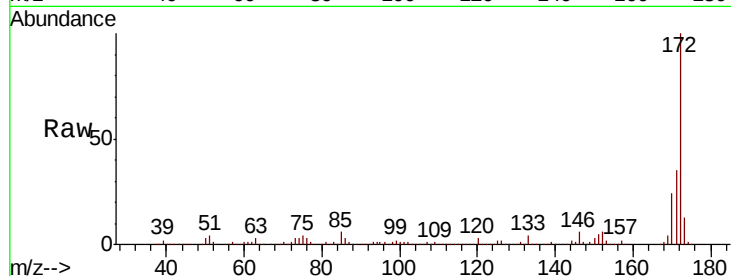




#45
2-Fluorobiphenyl
Concen: 64.754 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111729.D
Acq: 26 Dec 2018 22:25

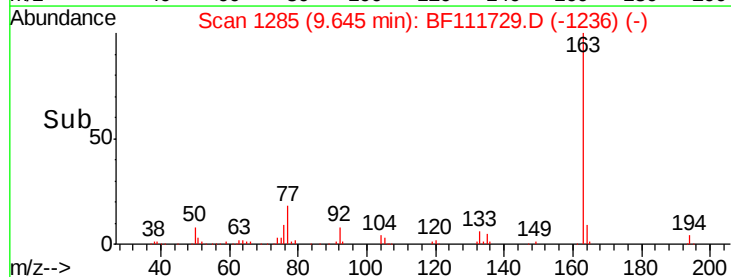
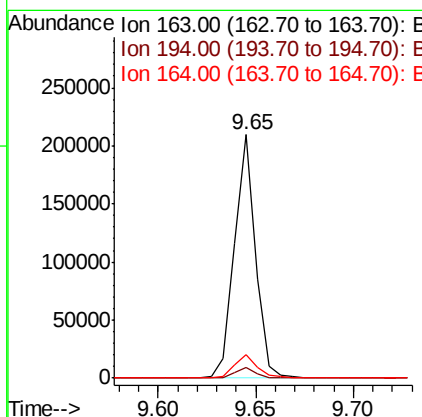
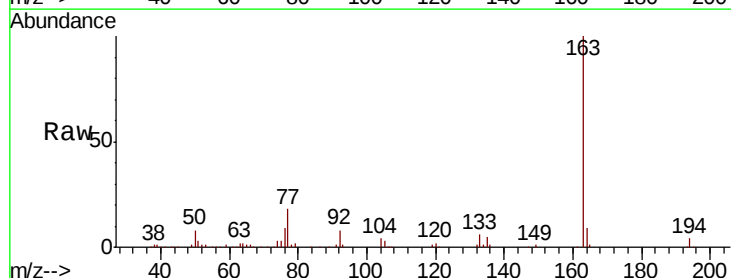
Instrument :
BNA_F
ClientSampleId :

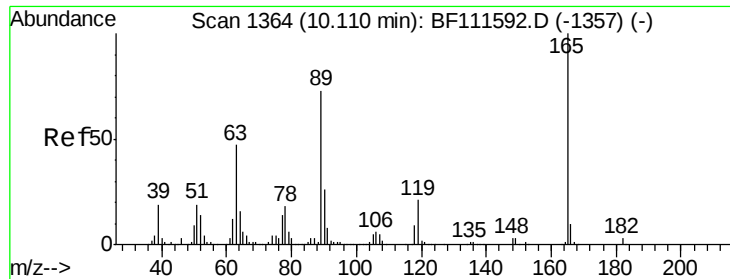
Tot Ion:172 Resp: 1018818
Ion Ratio Lower Upper
172 100
171 35.3 33.0 49.4
170 23.5 22.3 33.5



#50
Dimethylphthalate
Concen: 9.356 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111729.D
Acq: 26 Dec 2018 22:25

Tgt Ion:163 Resp: 156903
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.6
164 9.4 8.9 13.3

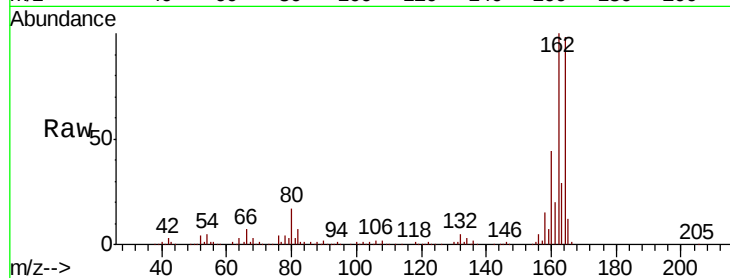




#57
 2,4-Dinitrotoluene
 Concen: 7.409 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.17 min
 Lab File: BF111729.D
 Acq: 26 Dec 2018 22:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.6	52.0#
89	1.1	56.2	84.4#
182	0.0	1.8	2.6#



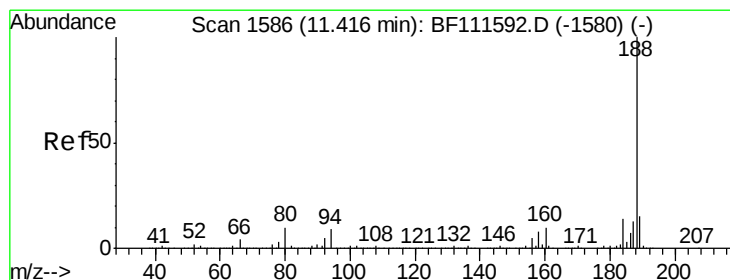
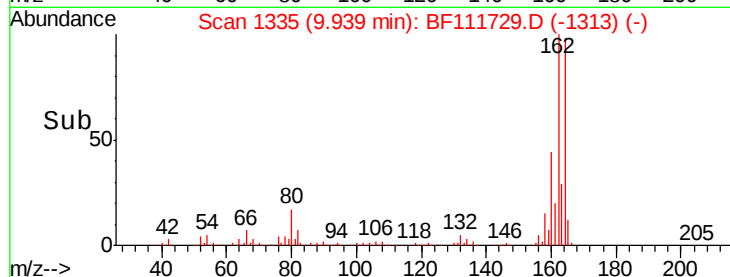
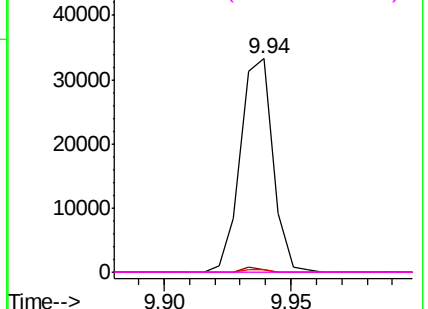
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

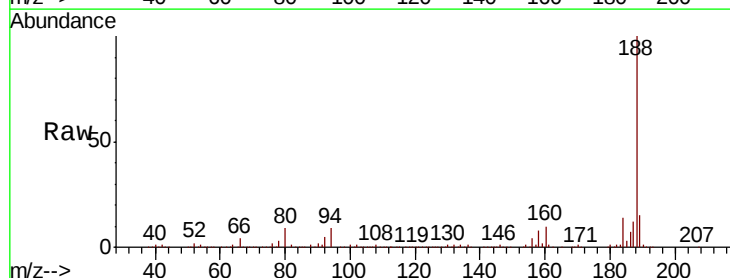
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: BF111729.D
 Acq: 26 Dec 2018 22:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.6	14.4#
80	8.9	9.8	14.6#

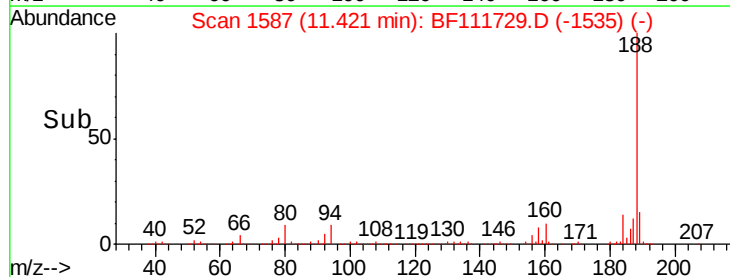
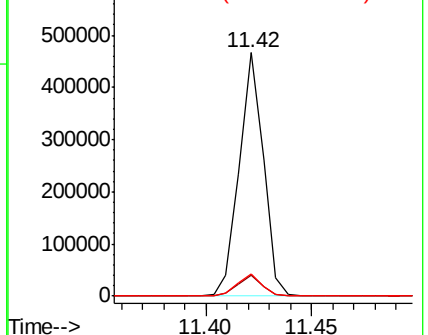


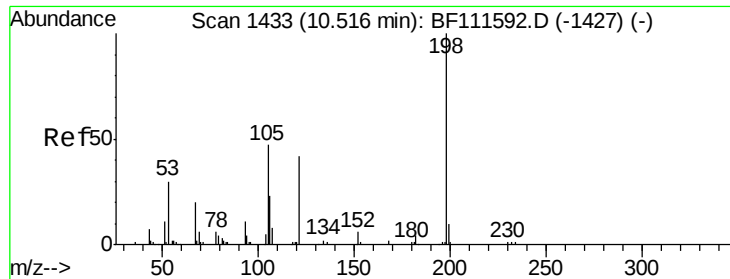
Abundance

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

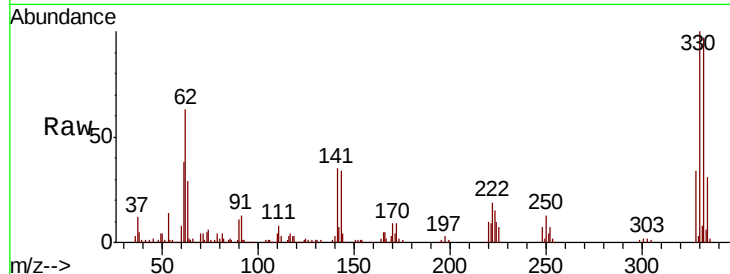




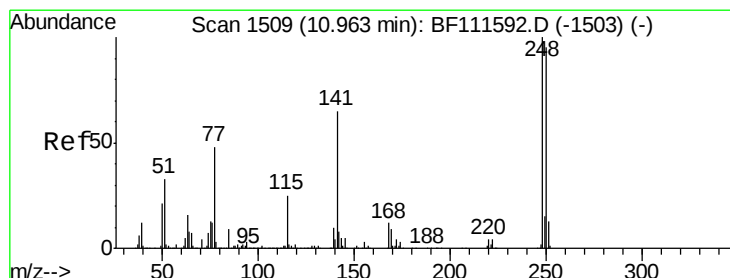
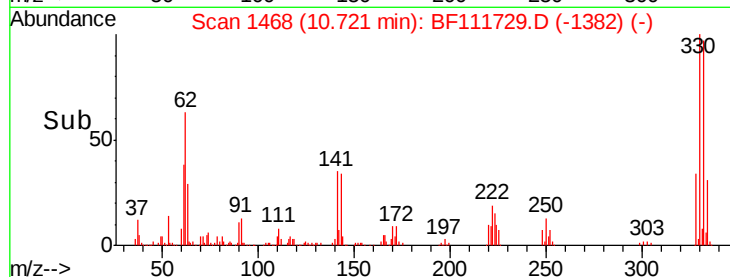
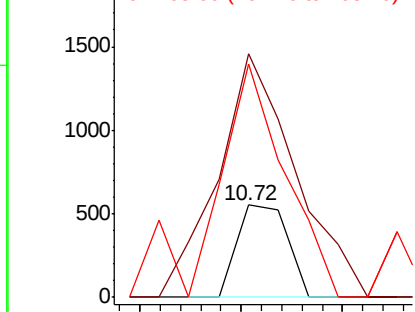
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.906 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.21 min
 Lab File: BF111729.D
 Acq: 26 Dec 2018 22:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 378
 Ion Ratio Lower Upper
 198 100
 51 264.4 48.0 88.0#
 105 253.2 34.0 74.0#

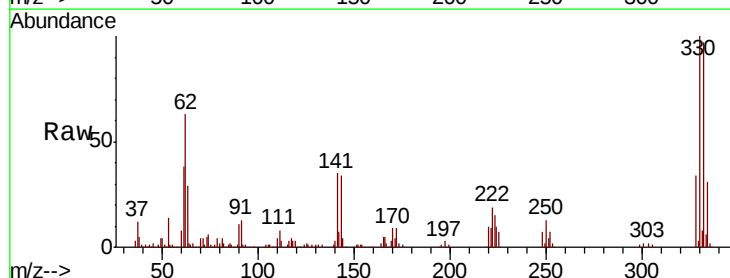


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

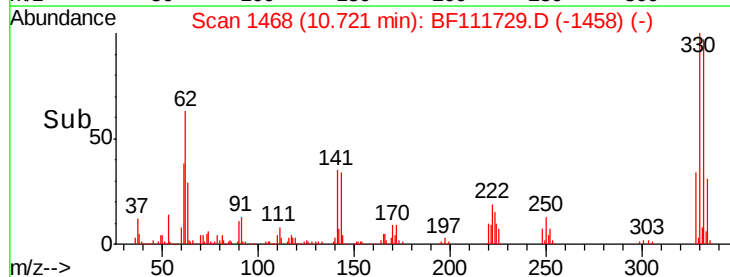
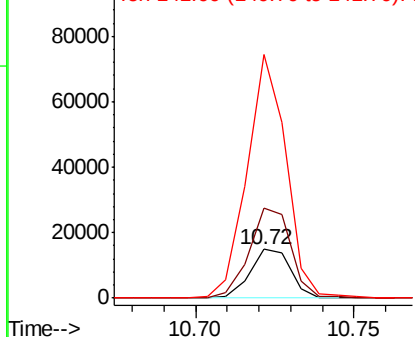


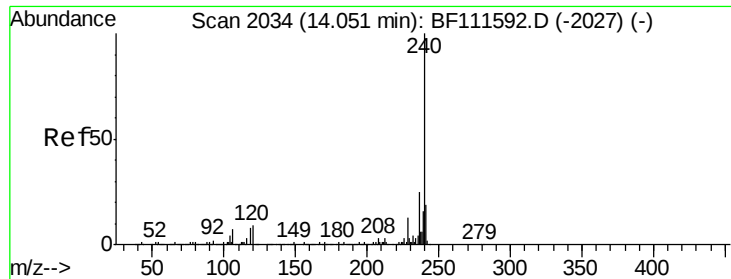
#67
 4-Bromophenyl-phenylether
 Concen: 2.920 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.24 min
 Lab File: BF111729.D
 Acq: 26 Dec 2018 22:25

Tgt Ion:248 Resp: 13348
 Ion Ratio Lower Upper
 248 100
 250 185.7 77.0 115.4#
 141 502.7 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

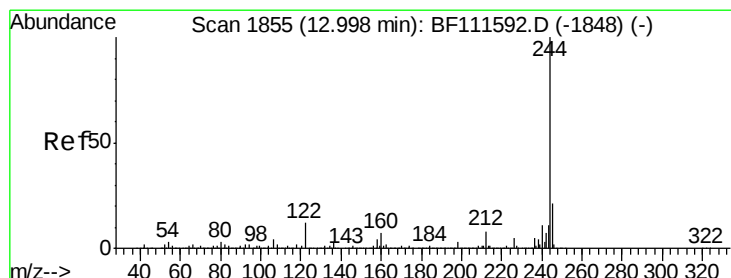
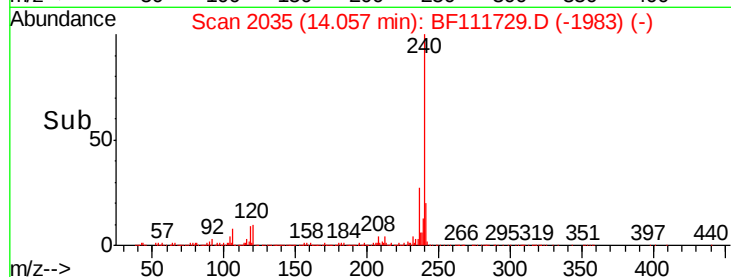
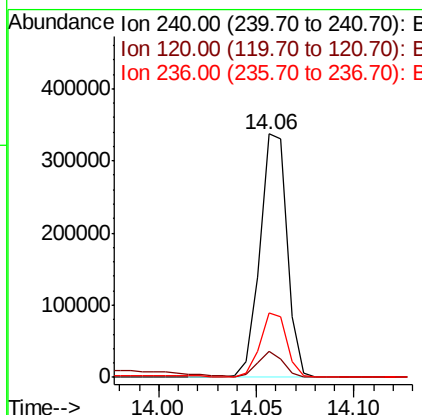
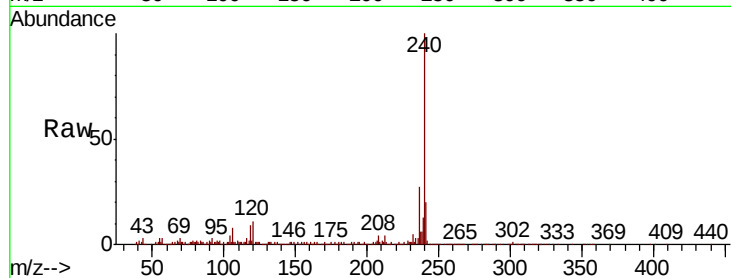




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF111729.D
 Acq: 26 Dec 2018 22:25

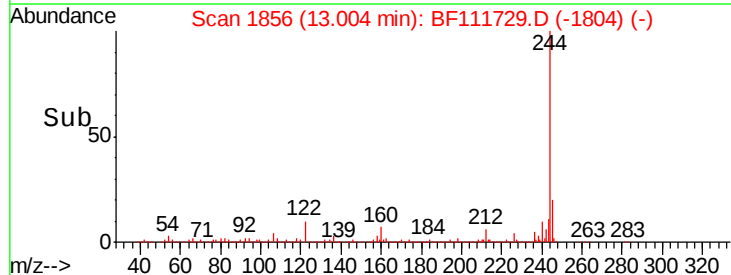
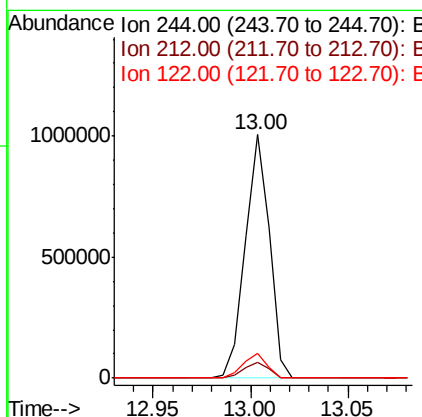
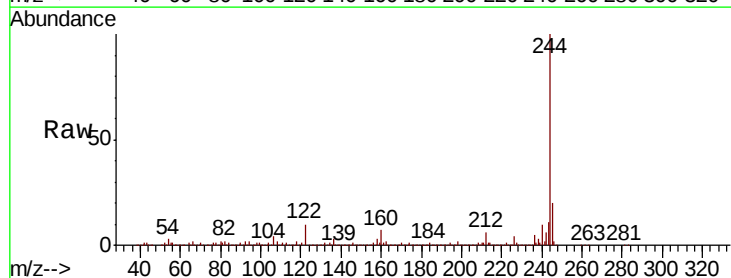
Instrument :
 BNA_F
 ClientSampleId :

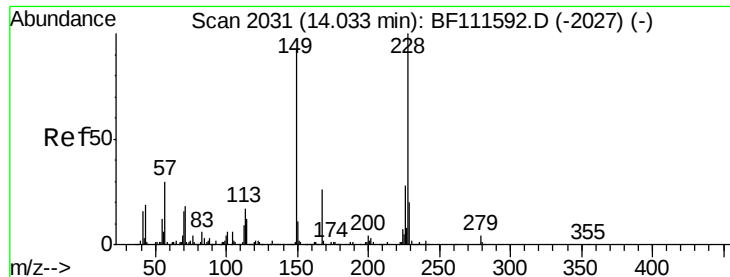
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.5	12.2	18.2#
236	26.7	20.2	30.2



#79
 Terphenyl-d14
 Concen: 50.301 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: BF111729.D
 Acq: 26 Dec 2018 22:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.7	8.5
122	10.2	13.1	19.7#

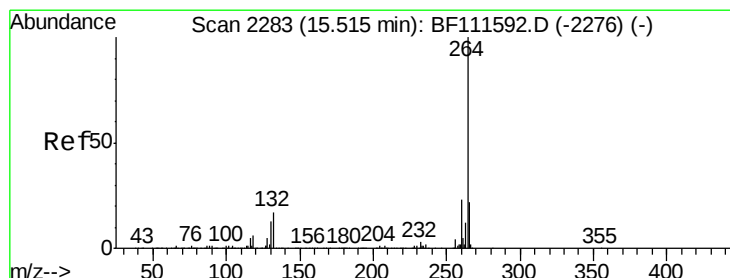
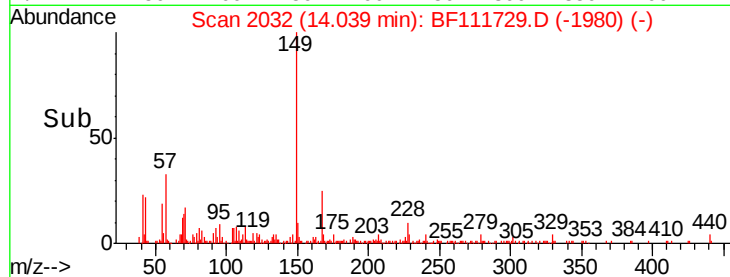
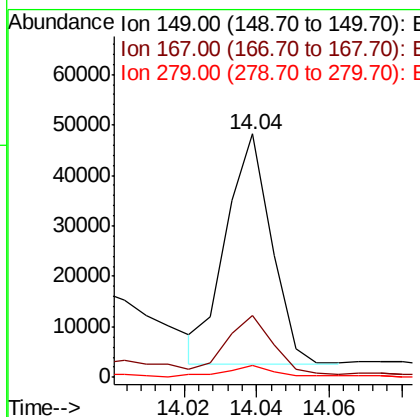
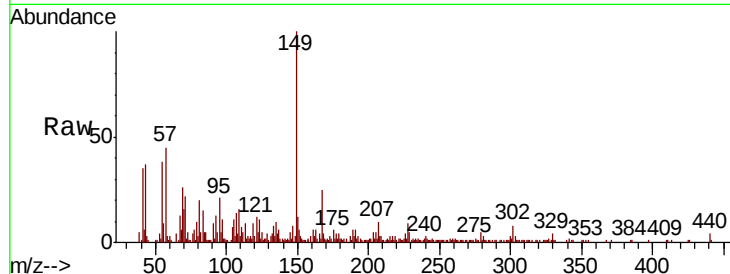




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.377 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: BF111729.D
 Acq: 26 Dec 2018 22:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 39886
 Ion Ratio Lower Upper
 149 100
 167 25.2 22.5 33.7
 279 4.8 2.6 4.0#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. 0.02 min
 Lab File: BF111729.D
 Acq: 26 Dec 2018 22:25

Tgt Ion:264 Resp: 229730
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.3 27.5
 265 22.2 17.7 26.5

