

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
 Data File : BF105345.D
 Acq On : 12 May 2018 18:39
 Operator : JU/SJ
 Sample : J2835-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 14 06:52:28 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 11 17:15:19 2018
 Response via : Initial Calibration

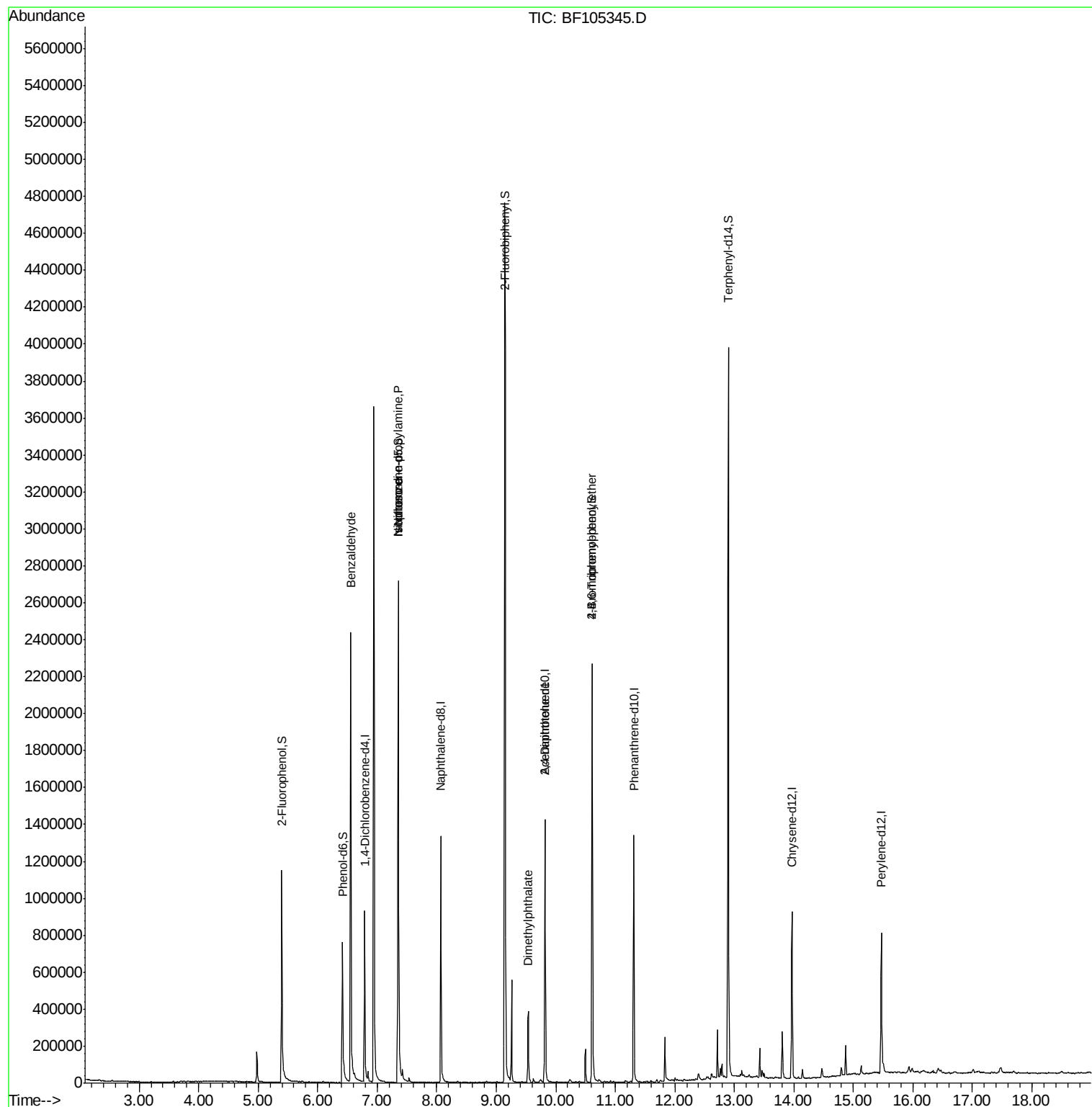
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	141809	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	607347	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	267543	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	489722	20.00	ng	0.00
75) Chrysene-d12	13.97	240	315427	20.00	ng	-0.05
86) Perylene-d12	15.47	264	347557	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	395055	41.90	ng	0.00
7) Phenol-d6	6.42	99	298926	26.68	ng	0.00
23) Nitrobenzene-d5	7.36	82	1041784	99.83	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	317654	91.90	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1716266	92.46	ng	0.00
78) Terphenyl-d14	12.90	244	1567488	106.83	ng	0.00
Target Compounds						
9) Benzaldehyde	6.56	77	16554	2.17	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.36	70	137028	19.35	ng	# 80
25) Isophorone	7.36	82	1041777	52.75	ng	# 64
49) Dimethylphthalate	9.54	163	166472	8.11	ng	100
56) 2,4-Dinitrotoluene	9.82	165	34665	5.89	ng	# 23
66) 4-Bromophenyl-phenylether	10.61	248	17707	3.25	ng	# 1

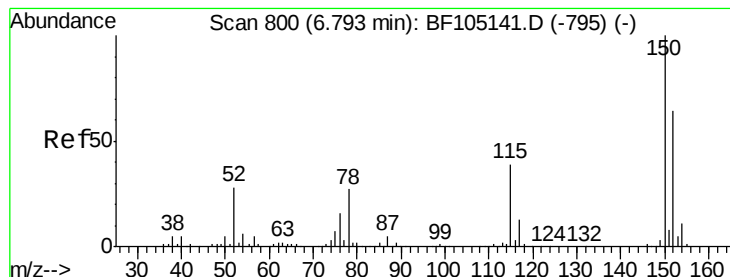
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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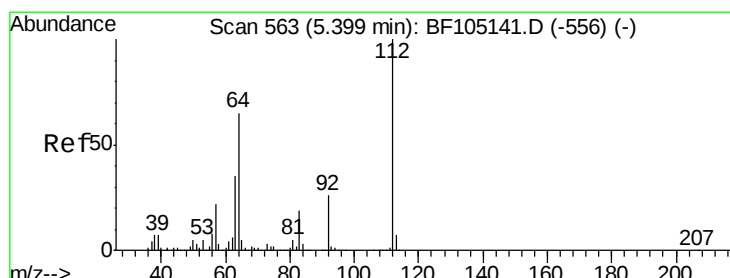
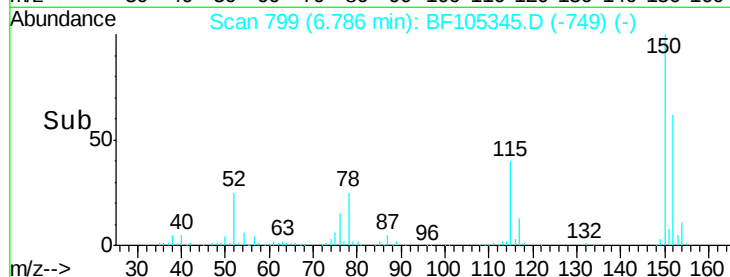
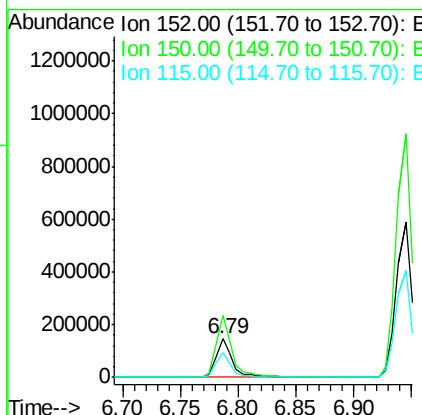
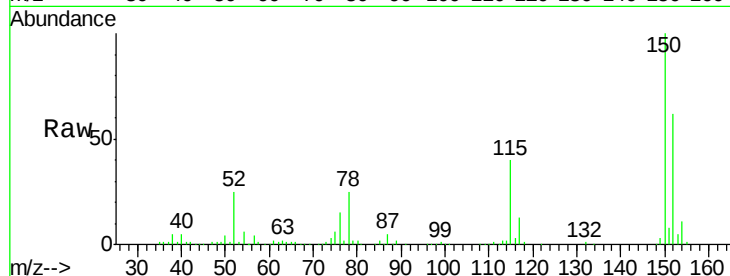


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF105345.D
Acq: 12 May 2018 18:39

Instrument :
BNA_F
ClientSampleId :

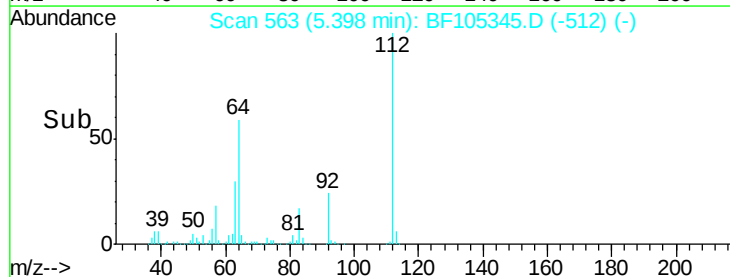
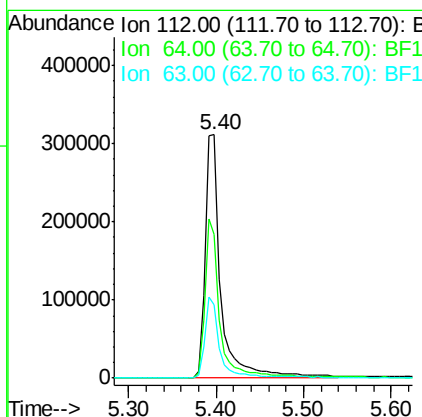
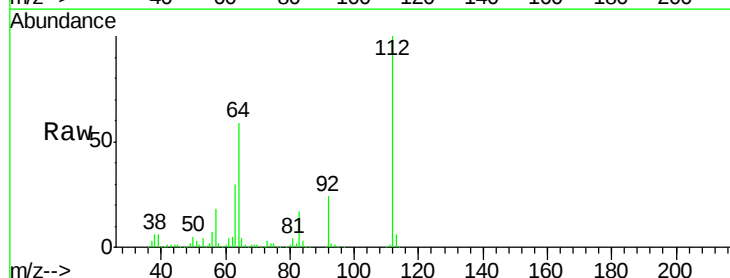
Tot Ion:152 Resp: 141809
Ion Ratio Lower Upper
152 100
150 161.0 124.6 186.8
115 64.2 50.1 75.1

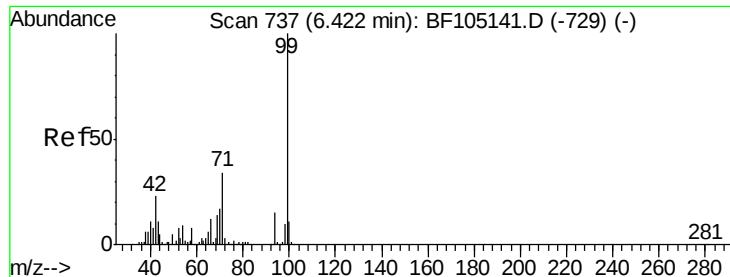


#5

2-Fluorophenol
Concen: 41.90 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.00 min
Lab File: BF105345.D
Acq: 12 May 2018 18:39

Tgt Ion:112 Resp: 395055
Ion Ratio Lower Upper
112 100
64 59.3 47.9 71.9
63 30.1 23.7 35.5





#7

Phenol-d6

Concen: 26.68 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF105345.D

Acq: 12 May 2018 18:39

Instrument :

BNA_F

ClientSampleId :

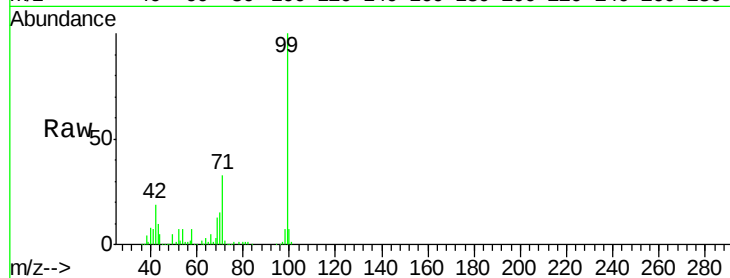
Tot Ion: 99 Resp: 298926

Ion Ratio Lower Upper

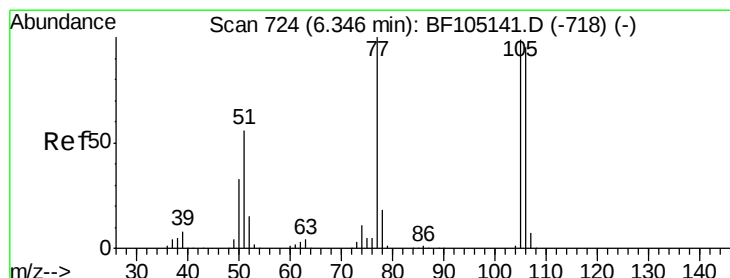
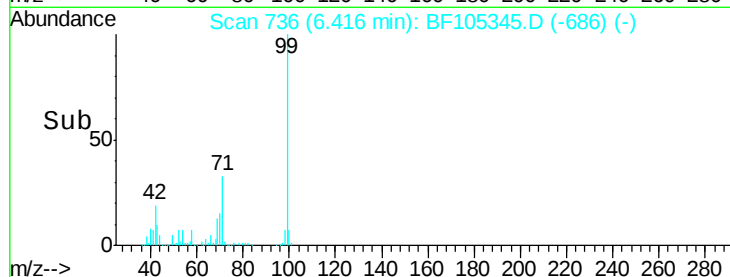
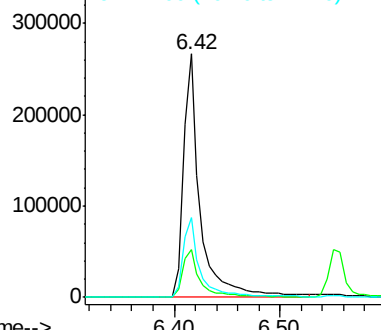
99 100

42 19.5 14.5 21.7

71 32.8 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.17 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.21 min

Lab File: BF105345.D

Acq: 12 May 2018 18:39

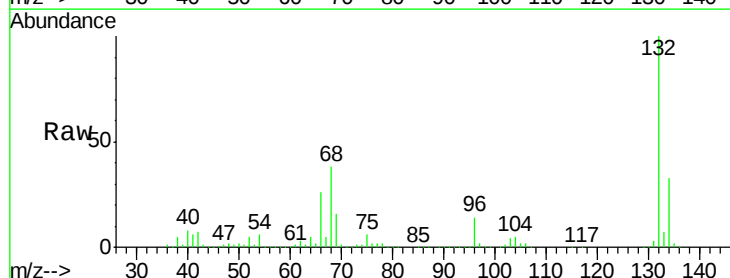
Tgt Ion: 77 Resp: 16554

Ion Ratio Lower Upper

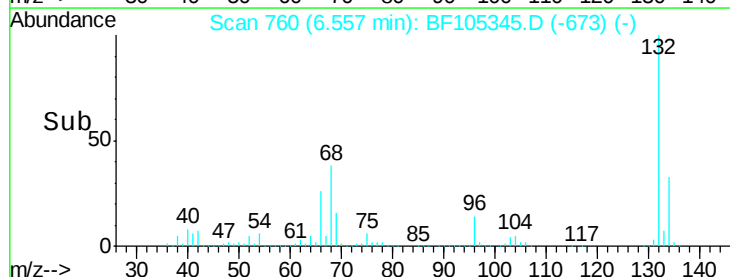
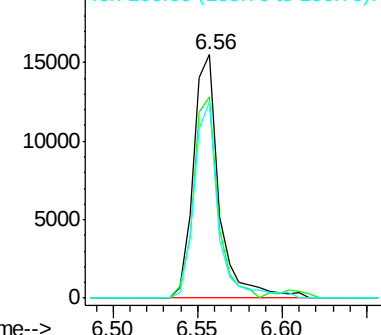
77 100

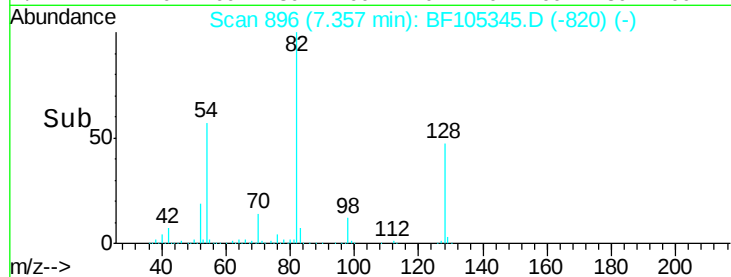
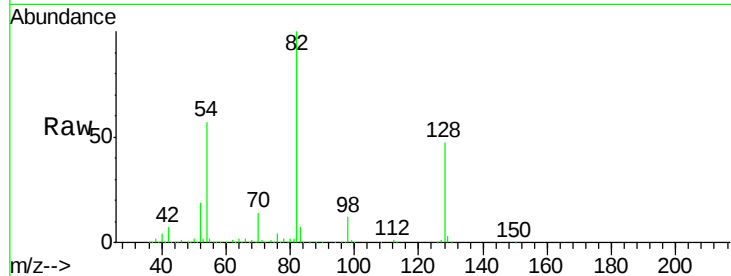
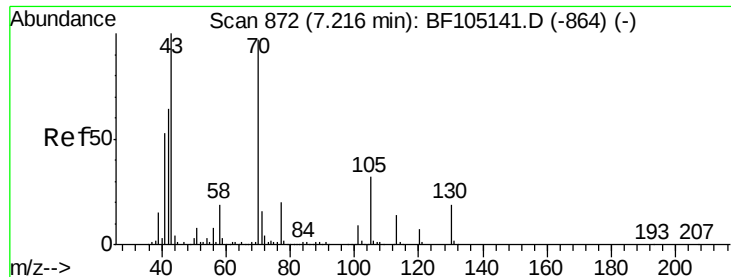
105 82.9 81.1 121.1

106 80.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

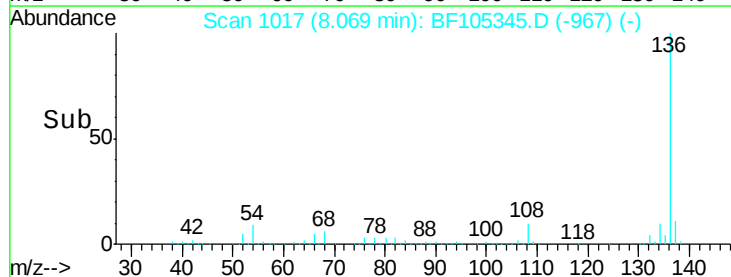
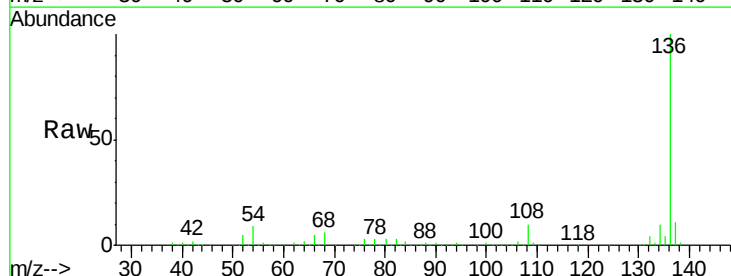
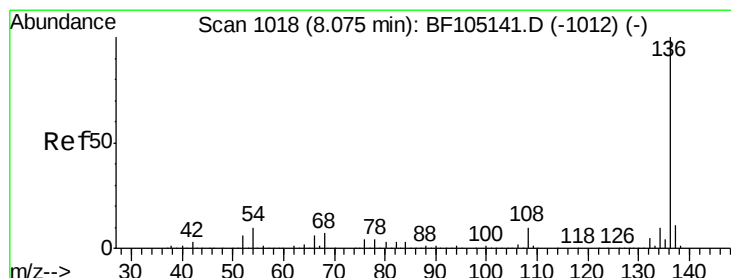
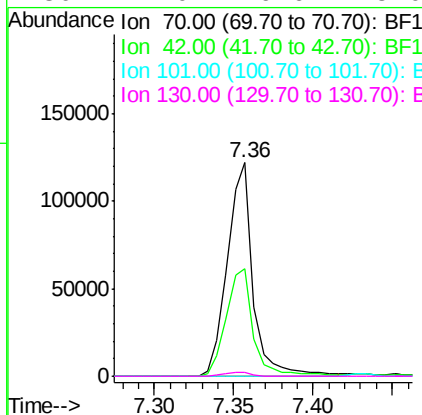




#19
n-Nitroso-di-n-propylamine
Concen: 19.35 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF105345.D
Acq: 12 May 2018 18:39

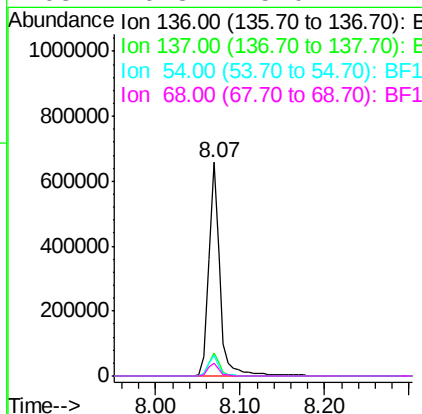
Instrument :
BNA_F
ClientSampleId :

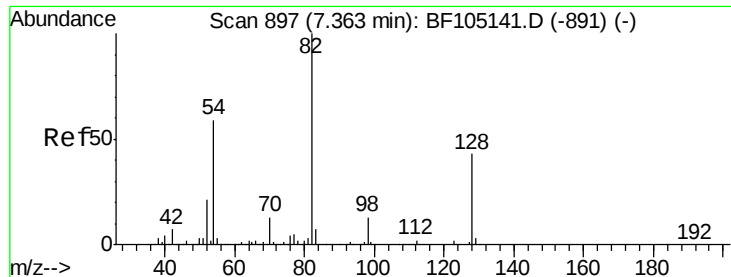
Tot Ion: 70 Resp: 137028
Ion Ratio Lower Upper
70 100
42 50.1 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF105345.D
Acq: 12 May 2018 18:39

Tgt Ion: 136 Resp: 607347
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.4 6.6 9.8
68 6.3 5.0 7.4

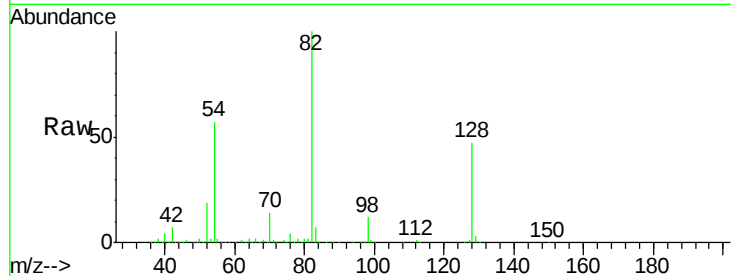




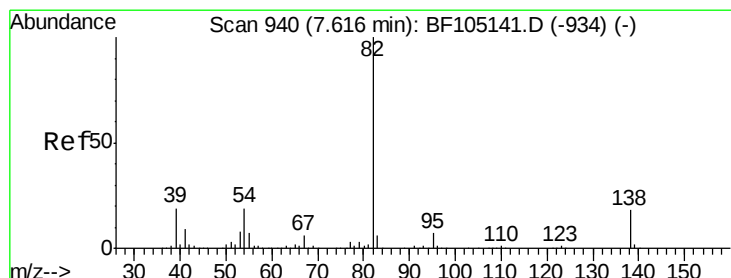
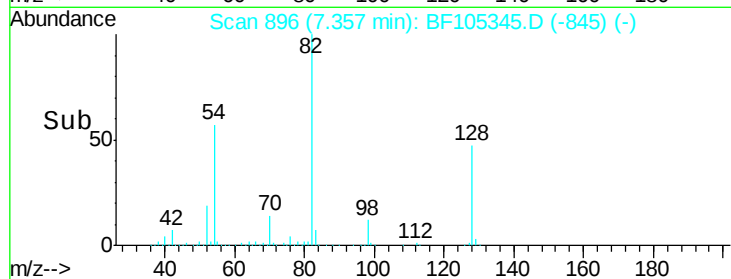
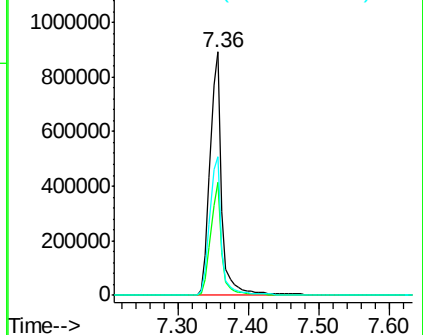
#23
Nitrobenzene-d5
Concen: 99.83 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF105345.D
Acq: 12 May 2018 18:39

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1041784
Ion Ratio Lower Upper
82 100
128 46.5 36.1 54.1
54 57.1 41.4 62.2

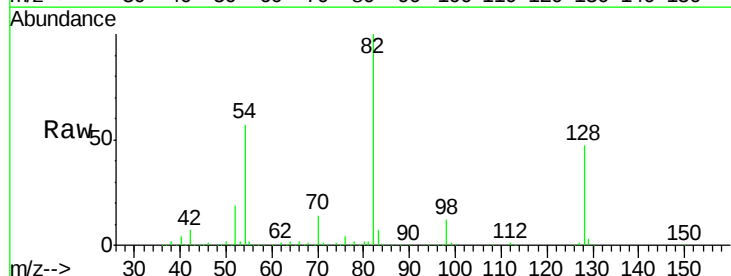


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

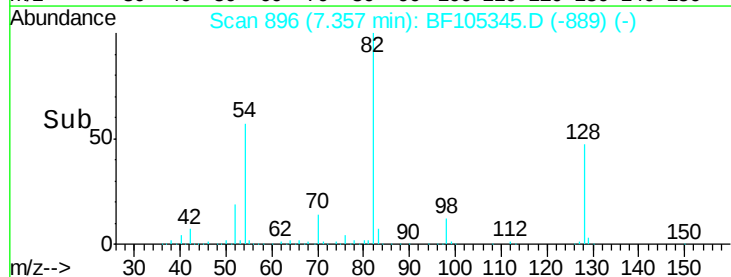
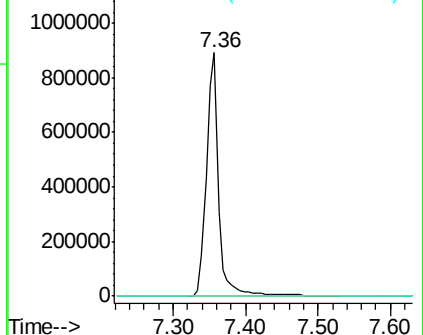


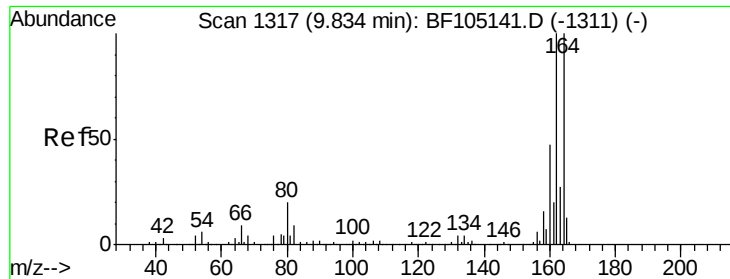
#25
Isophorone
Concen: 52.75 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF105345.D
Acq: 12 May 2018 18:39

Tgt Ion: 82 Resp: 1041777
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



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

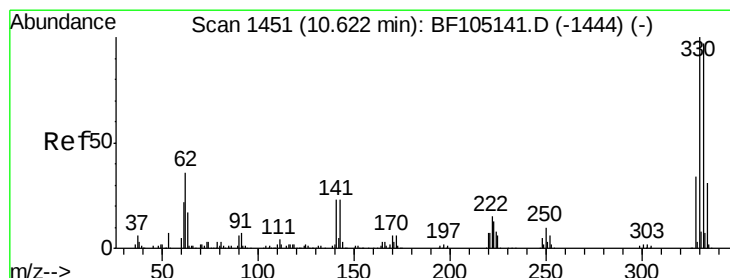
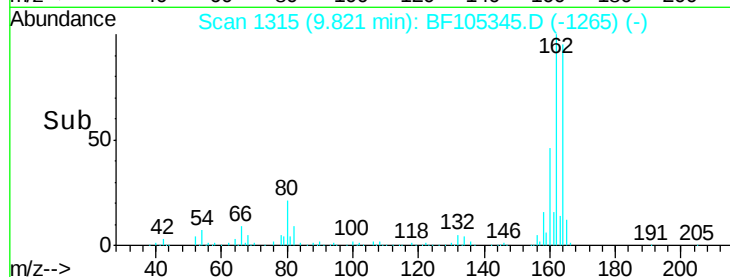
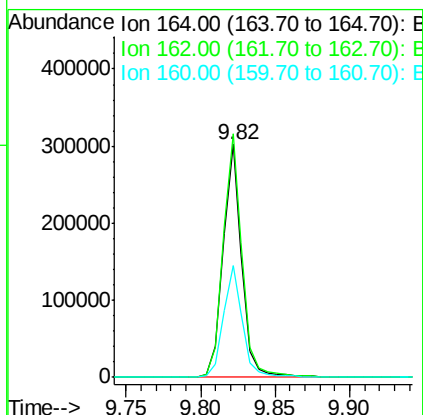
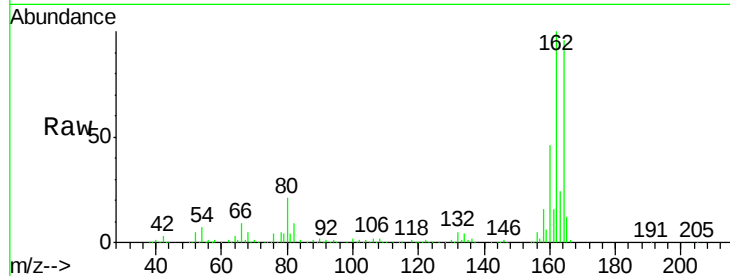




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF105345.D
 Acq: 12 May 2018 18:39

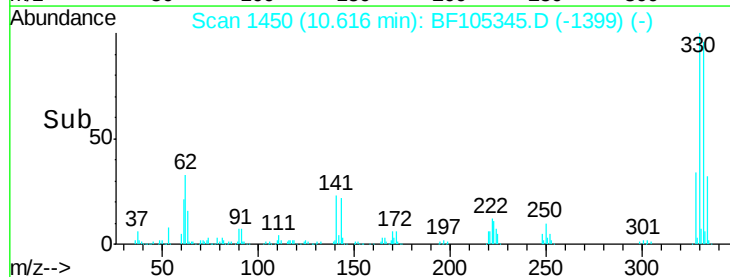
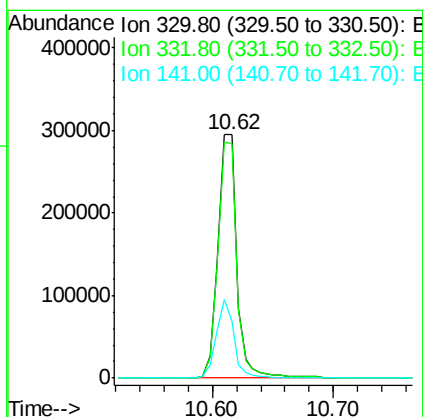
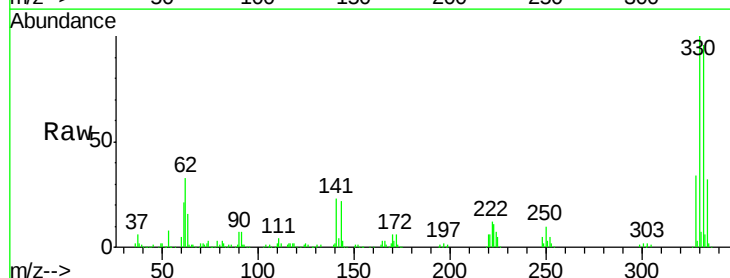
Instrument :
 BNA_F
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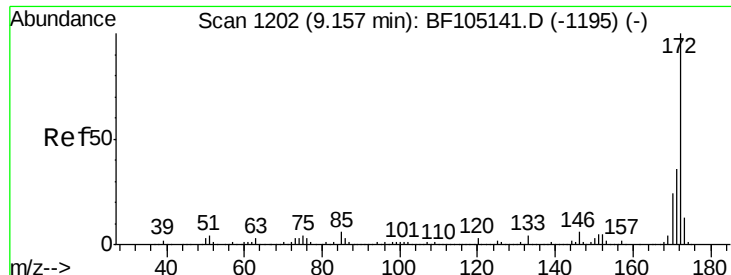
Tot Ion:164 Resp: 267543
 Ion Ratio Lower Upper
 164 100
 162 104.5 86.1 129.1
 160 48.2 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 91.90 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: BF105345.D
 Acq: 12 May 2018 18:39

Tgt Ion:330 Resp: 317654
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 29.9 29.9 44.9#

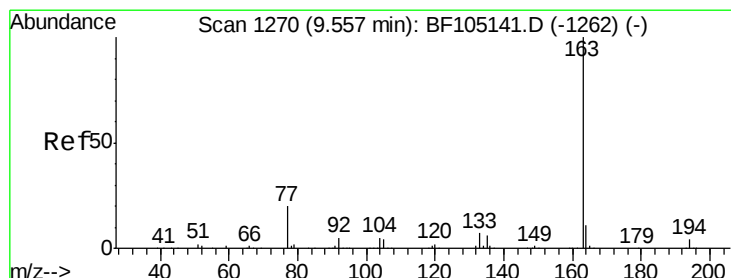
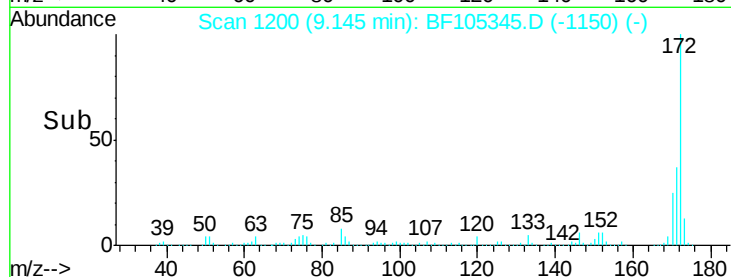
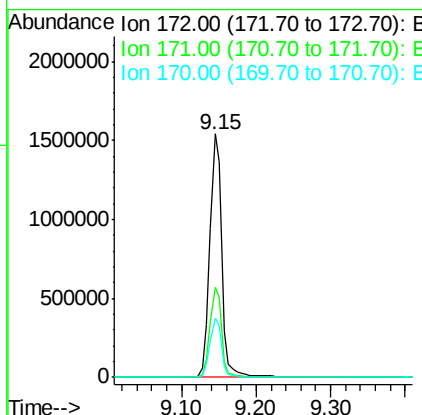
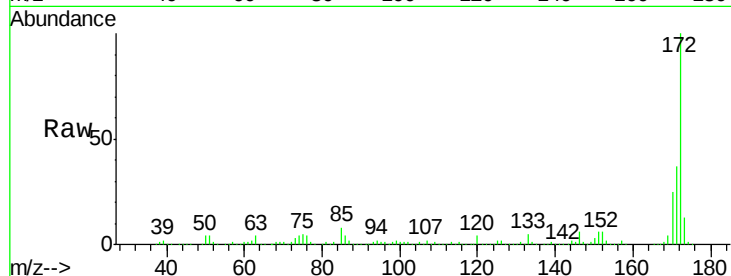




#44
2-Fluorobiphenyl
Concen: 92.46 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF105345.D
Acq: 12 May 2018 18:39

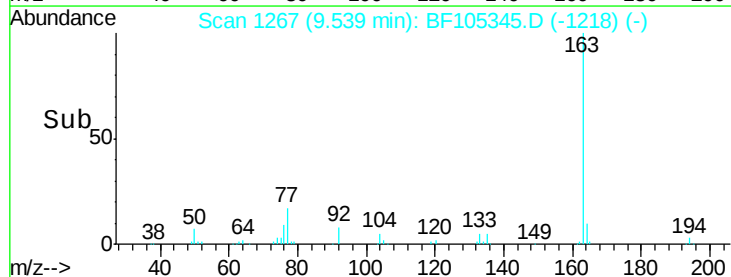
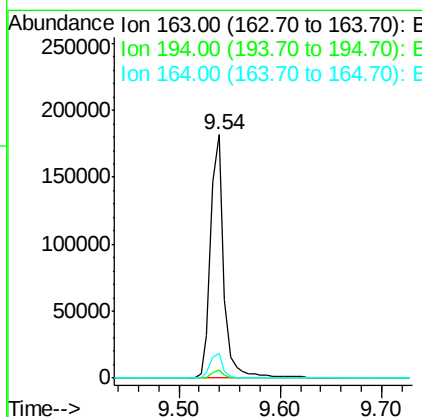
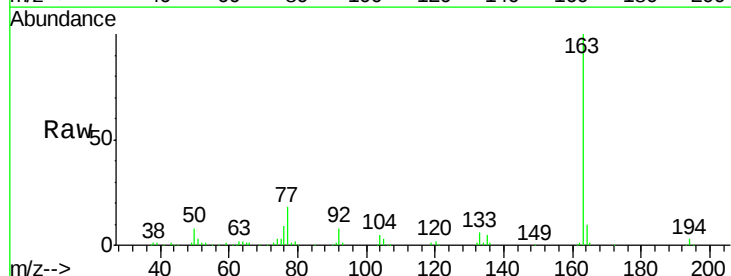
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BNA_F
ClientSampleId :

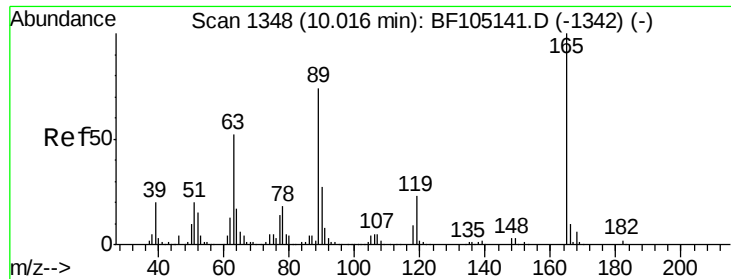
Tot Ion:172 Resp: 1716266
Ion Ratio Lower Upper
172 100
171 37.0 29.7 44.5
170 24.5 19.6 29.4



#49
Dimethylphthalate
Concen: 8.11 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF105345.D
Acq: 12 May 2018 18:39

Tgt Ion:163 Resp: 166472
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.1 8.2 12.2

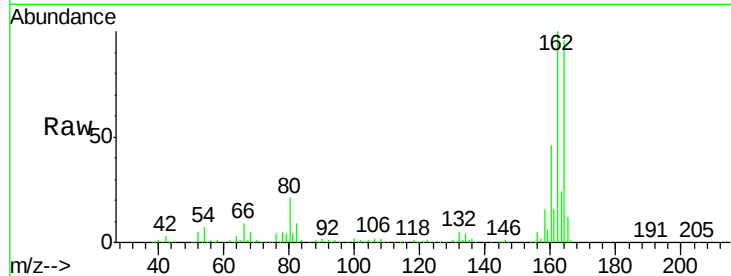




#56
 2,4-Dinitrotoluene
 Concen: 5.89 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.19 min
 Lab File: BF105345.D
 Acq: 12 May 2018 18:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

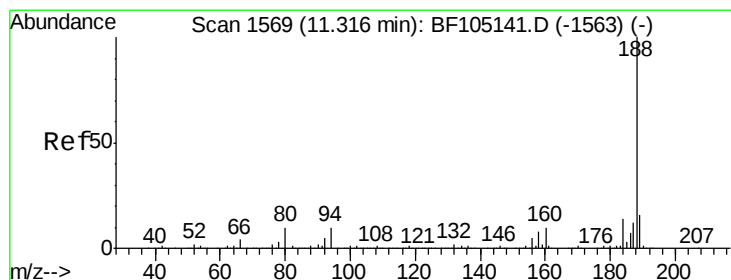
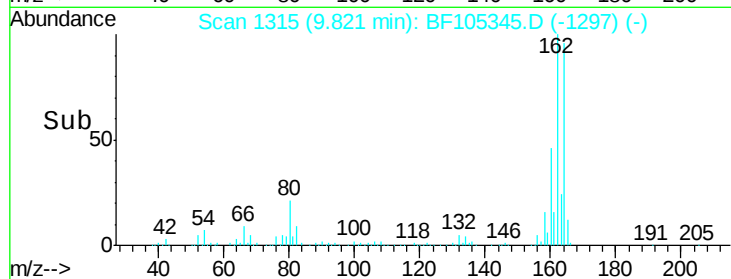
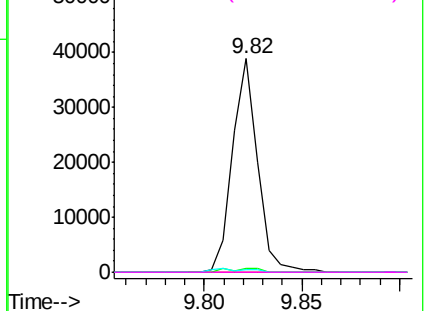


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

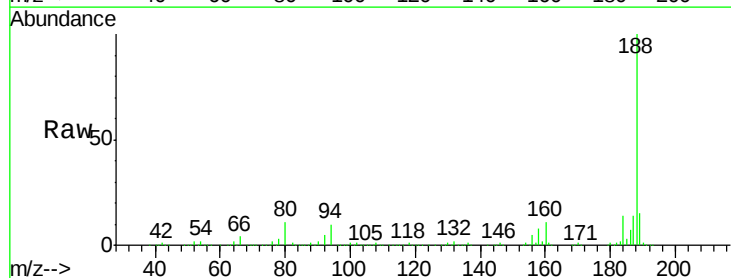
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: BF105345.D
 Acq: 12 May 2018 18:39

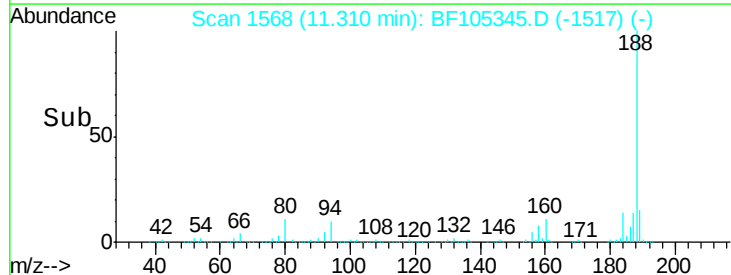
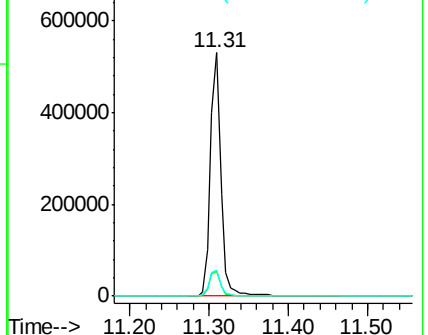
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.6	9.2	13.8

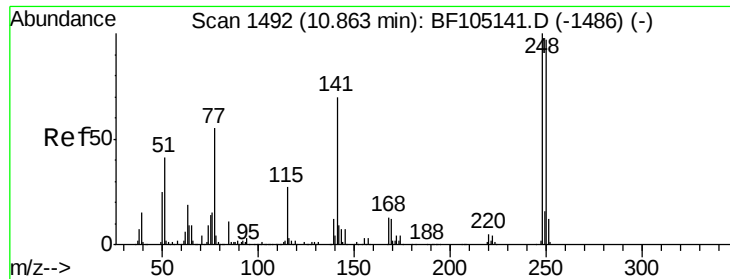


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

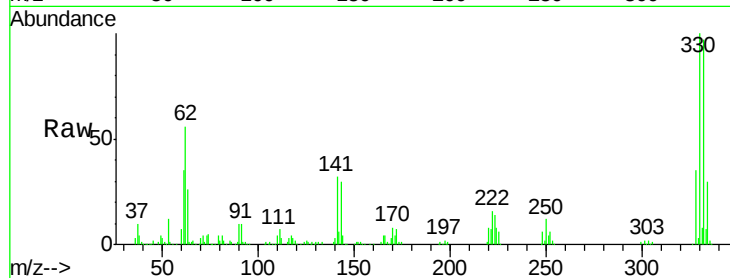




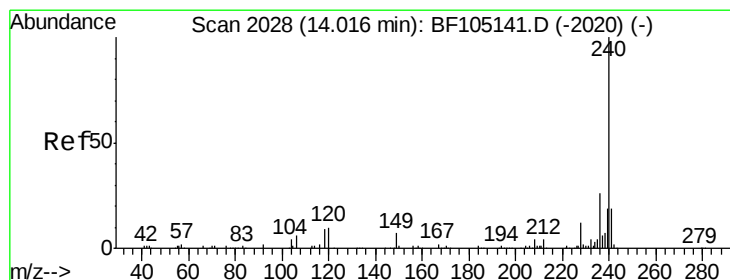
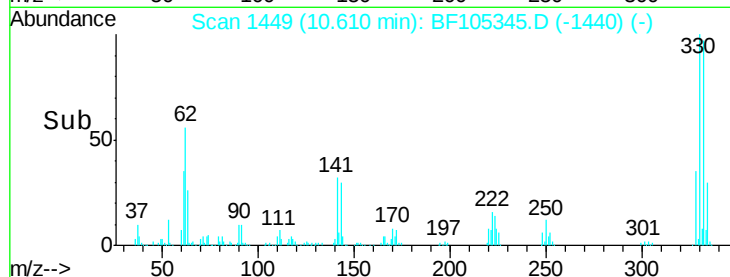
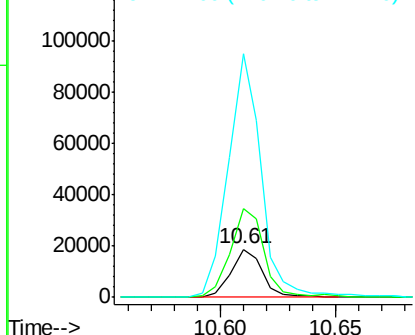
#66
 4-Bromophenyl-phenylether
 Concen: 3.25 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.25 min
 Lab File: BF105345.D
 Acq: 12 May 2018 18:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 17707
 Ion Ratio Lower Upper
 248 100
 250 184.4 76.9 115.3#
 141 509.2 74.4 111.6#

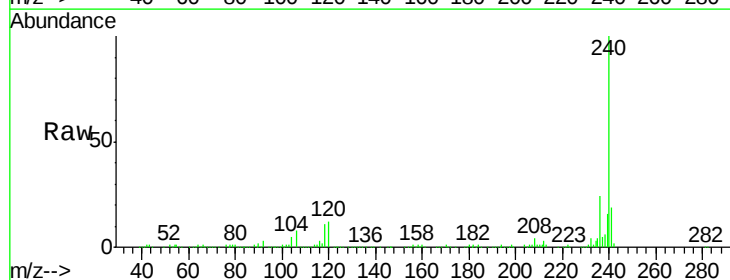


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

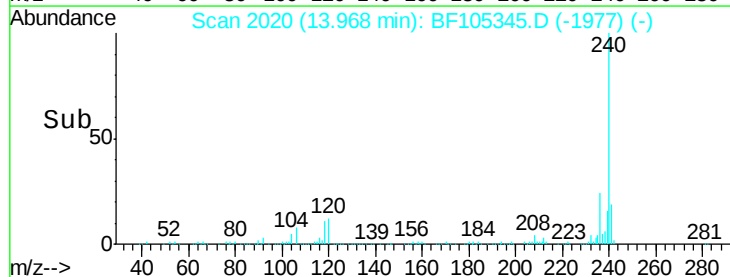
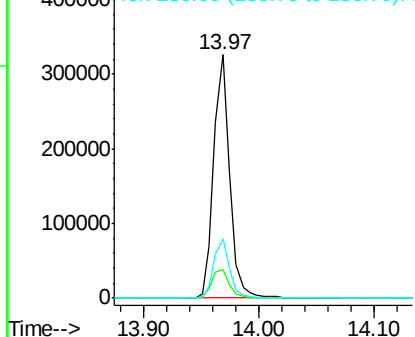


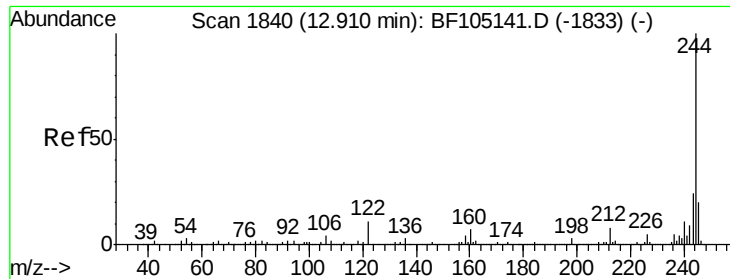
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.05 min
 Lab File: BF105345.D
 Acq: 12 May 2018 18:39

Tgt Ion:240 Resp: 315427
 Ion Ratio Lower Upper
 240 100
 120 11.7 9.5 14.3
 236 24.3 20.7 31.1



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

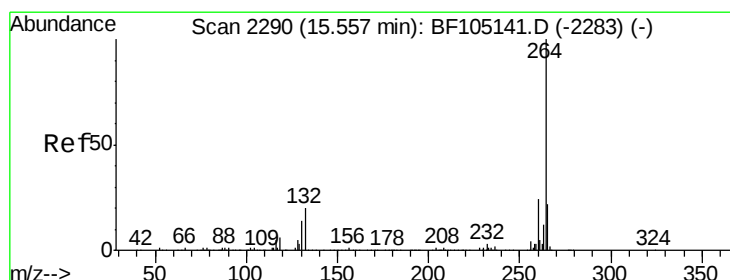
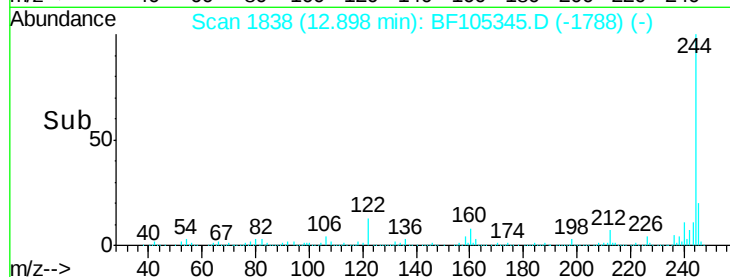
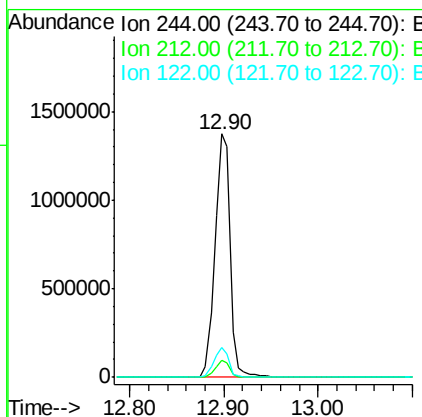
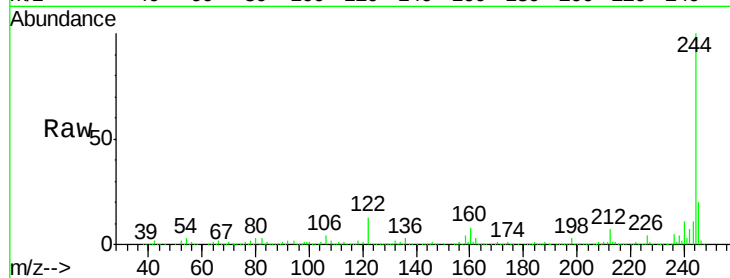




#78
 Terphenyl-d14
 Concen: 106.83 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BF105345.D
 Acq: 12 May 2018 18:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1567488
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 12.5 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.10 min
 Lab File: BF105345.D
 Acq: 12 May 2018 18:39

Tgt Ion:264 Resp: 347557
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.9 17.5 26.3

