

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082117\
 Data File : BF097949.D
 Acq On : 22 Aug 2017 12:13
 Operator : SJ/JU
 Sample : I4900-07
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 220-1-WALL

Quant Time: Aug 22 13:23:59 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

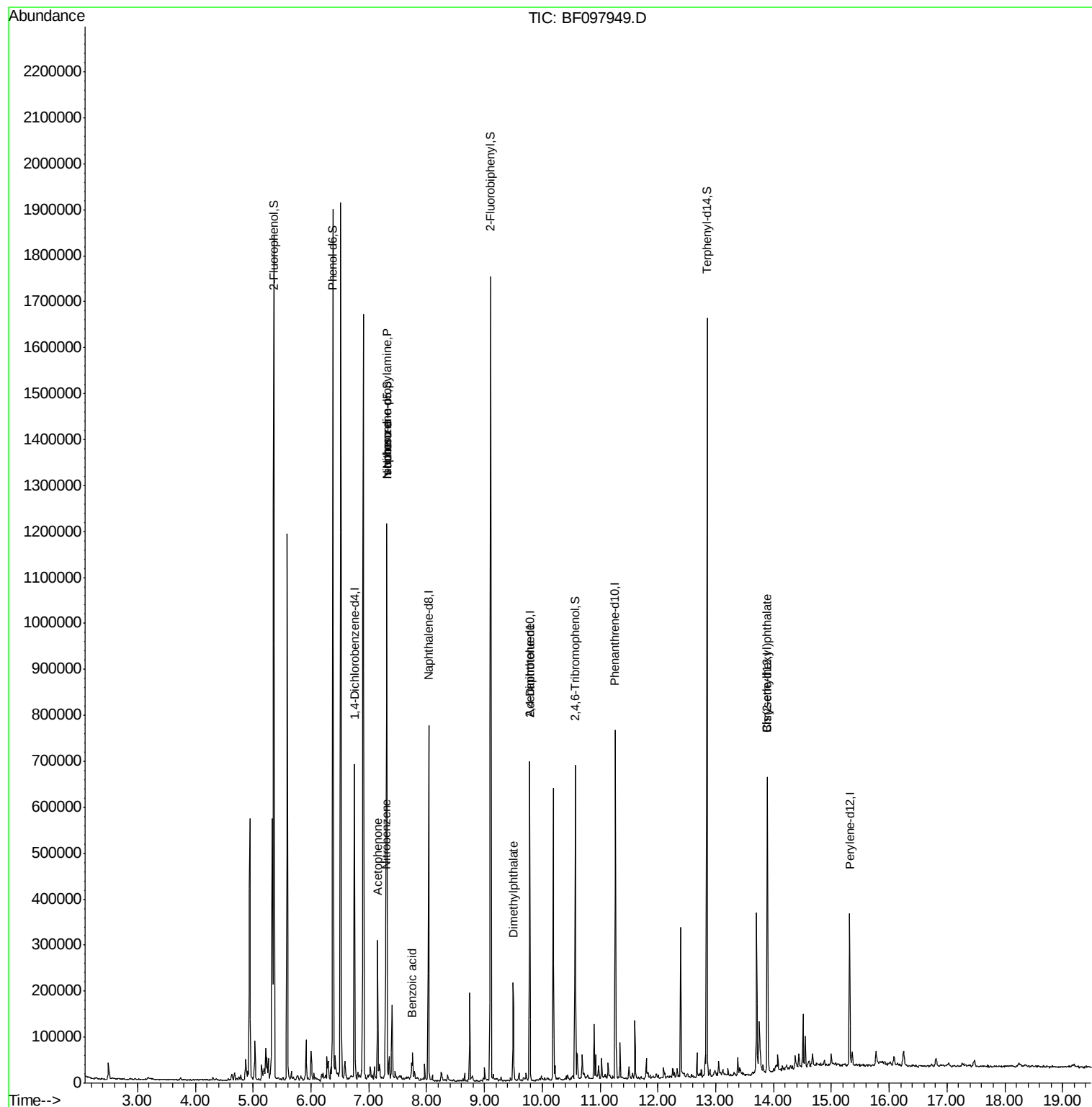
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	94923	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	327503	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	123389	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	234196	20.00	ng	0.00
75) Chrysene-d12	13.90	240	209771	20.00	ng	0.00
86) Perylene-d12	15.32	264	137842	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	471558	75.56	ng	0.00
7) Phenol-d6	6.38	99	633258	74.68	ng	0.00
23) Nitrobenzene-d5	7.31	82	376997	62.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	65962	61.61	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	537293	63.98	ng	0.00
78) Terphenyl-d14	12.85	244	487879	48.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.31	70	51464	8.866	ng	# 71
22) Acetophenone	7.15	105	86336	9.979	ng	# 84
24) Nitrobenzene	7.29	77	17900	2.667	ng	# 47
25) Isophorone	7.31	82	367836	29.343	ng	# 67
32) Benzoic acid	7.75	122	9573	8.582	ng	# 86
49) Dimethylphthalate	9.50	163	70854	7.856	ng	# 99
56) 2,4-Dinitrotoluene	9.78	165	15746	6.969	ng	# 32
83) Bis(2-ethylhexyl)phthalate	13.89	149	14746	2.023	ng	# 97

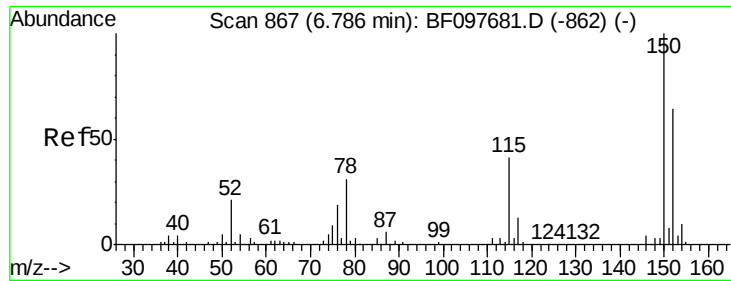
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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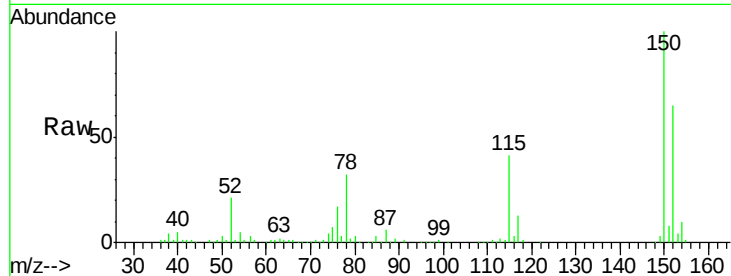


#1

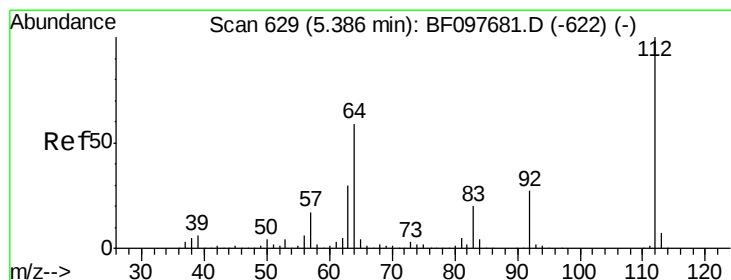
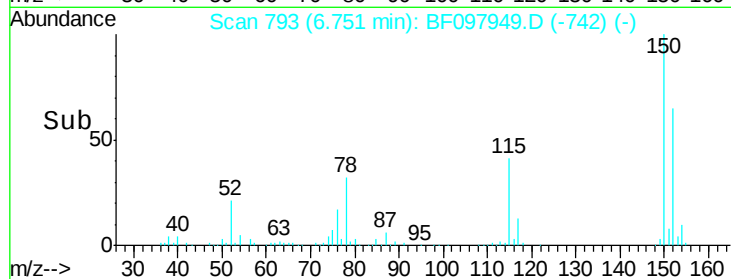
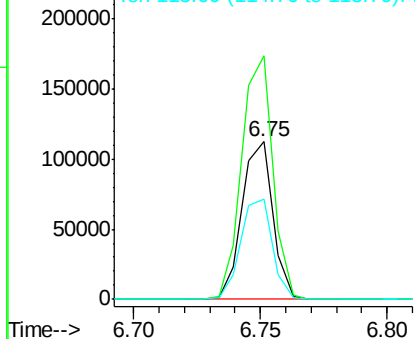
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF097949.D
Acq: 22 Aug 2017 12:13

Instrument :
BNA_F
ClientSampleId :
220-1-WALL

Tgt Ion:152 Resp: 94923
Ion Ratio Lower Upper
152 100
150 154.7 126.2 189.2
115 63.6 52.2 78.2



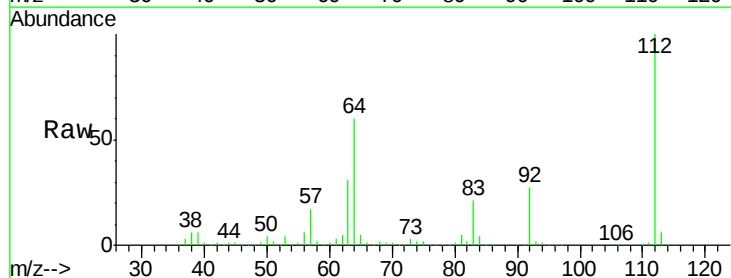
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



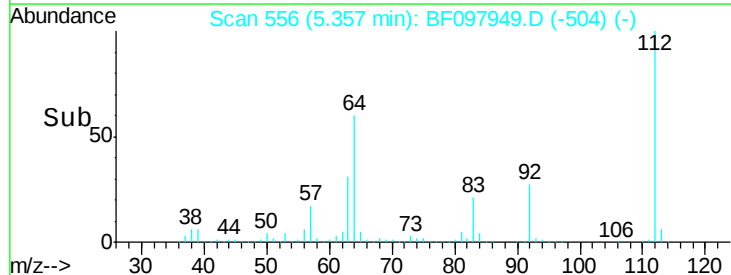
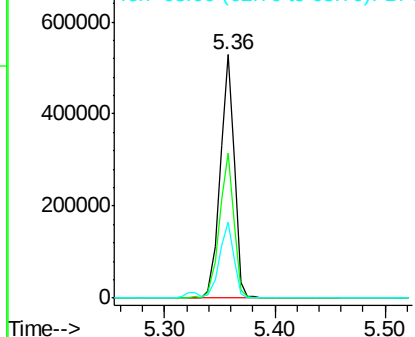
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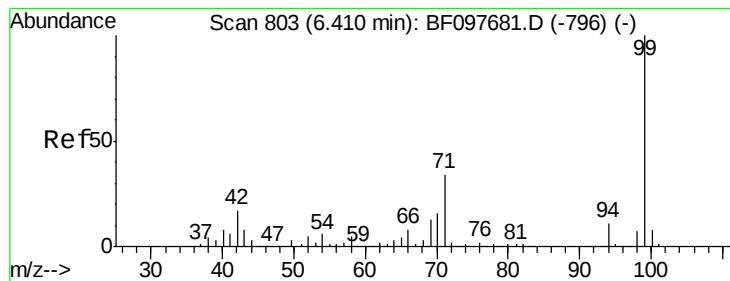
2-Fluorophenol
Concen: 75.564 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF097949.D
Acq: 22 Aug 2017 12:13

Tgt Ion:112 Resp: 471558
Ion Ratio Lower Upper
112 100
64 59.7 46.0 69.0
63 31.1 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 74.685 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097949.D

Acq: 22 Aug 2017 12:13

Instrument :

BNA_F

ClientSampleId :

220-1-WALL

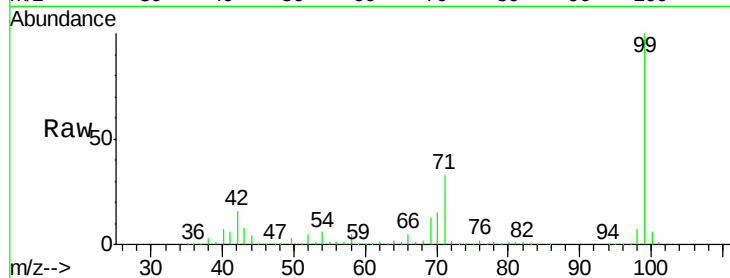
Tgt Ion: 99 Resp: 633258

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

71 33.2 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

800000

600000

400000

200000

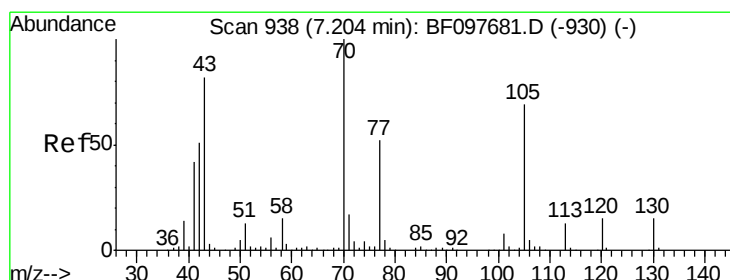
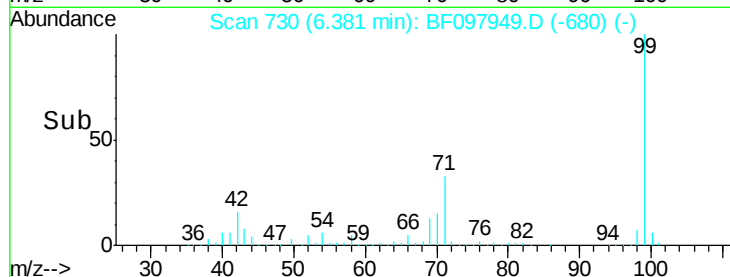
0

6.30

6.40

6.50

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 8.866 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.14 min

Lab File: BF097949.D

Acq: 22 Aug 2017 12:13

Tgt Ion: 70 Resp: 51464

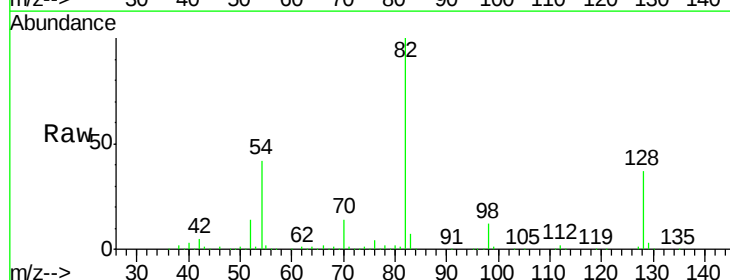
Ion Ratio Lower Upper

70 100

42 38.8 47.2 70.8#

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#



Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

100000

80000

60000

40000

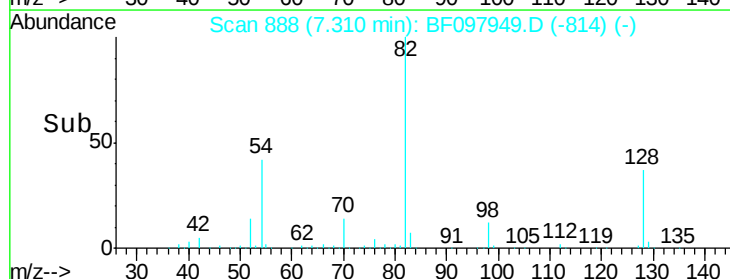
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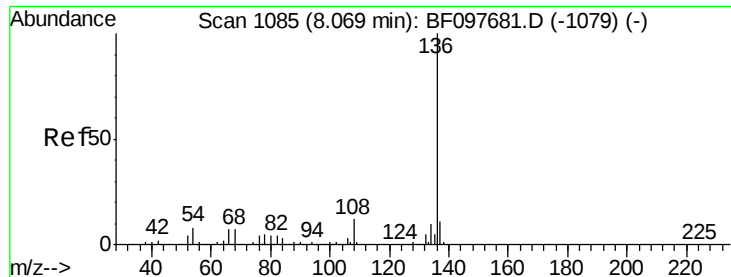
0

7.30

7.35

Time-->

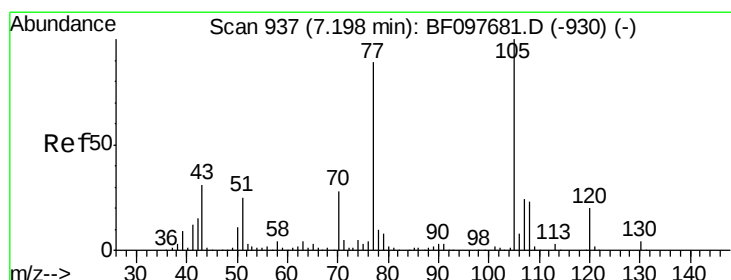
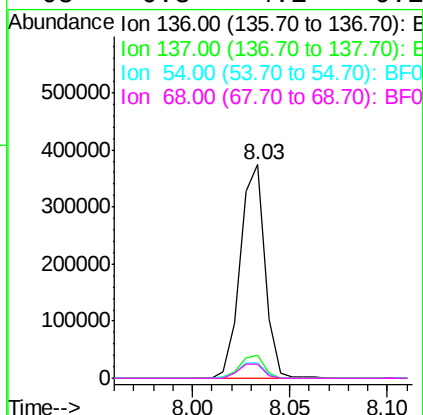
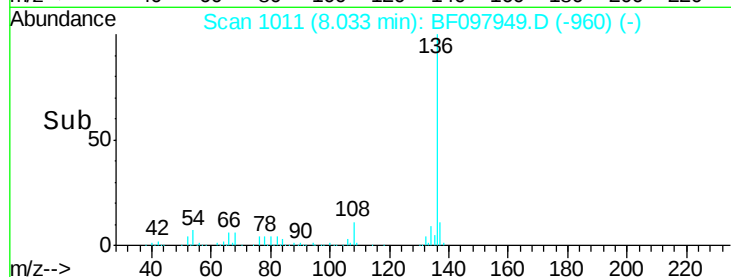
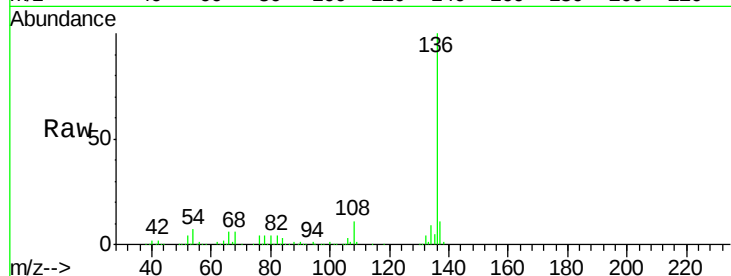




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF097949.D
Acq: 22 Aug 2017 12:13

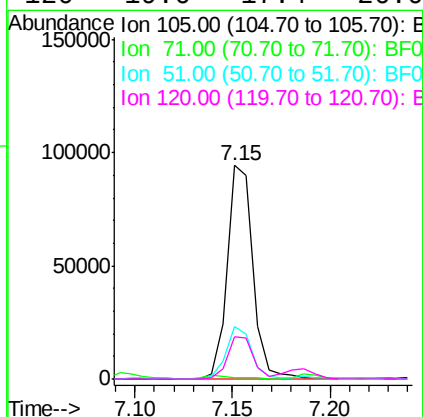
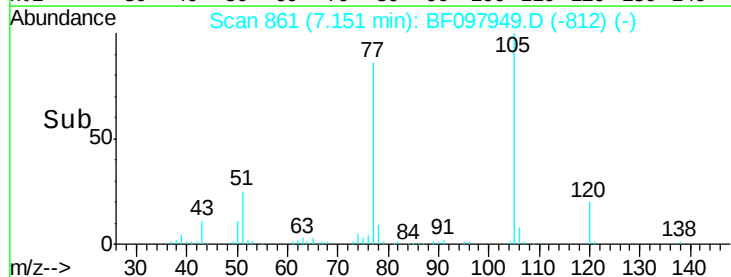
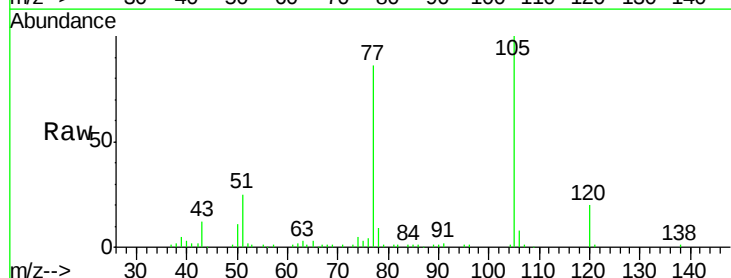
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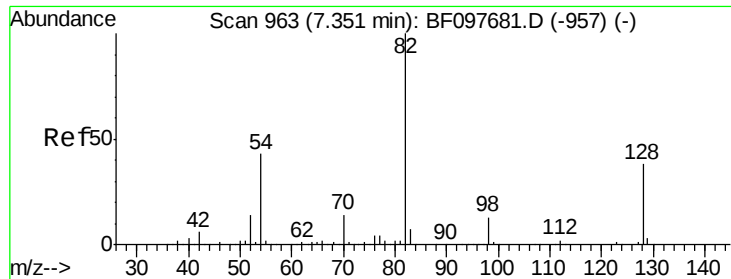
Tgt Ion:	136	Resp:	327503
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.0	4.9	7.3
68	6.3	4.1	6.1#



#22
Acetophenone
Concen: 9.979 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF097949.D
Acq: 22 Aug 2017 12:13

Tgt Ion:	105	Resp:	86336
Ion	Ratio	Lower	Upper
105	100		
71	0.7	2.8	4.2#
51	24.5	30.7	46.1#
120	19.6	17.4	26.0

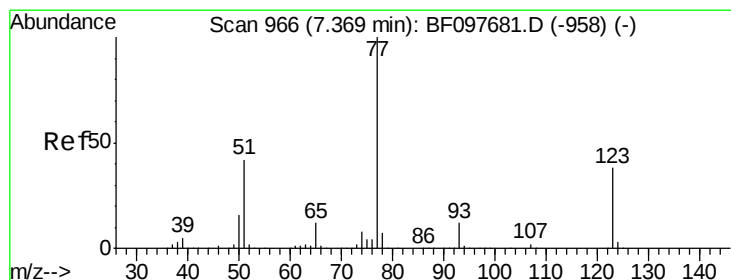
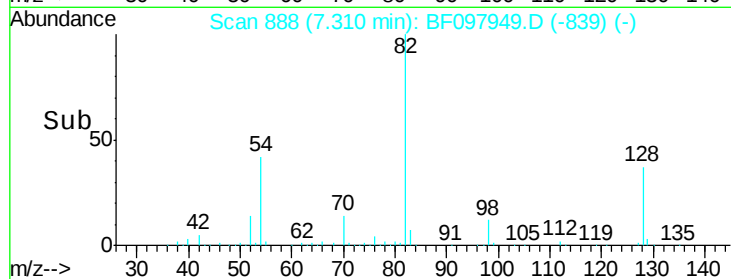
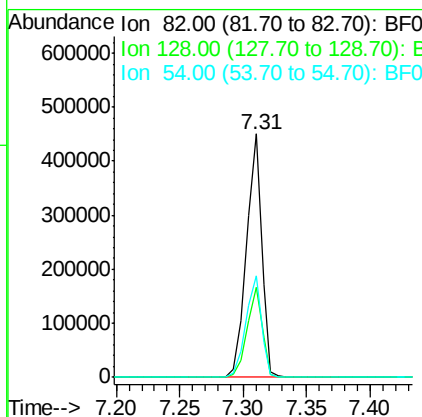
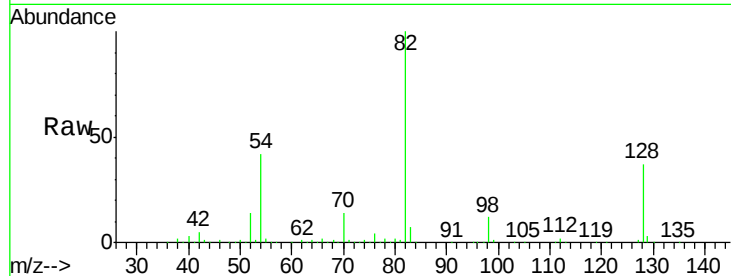




#23
 Nitrobenzene-d5
 Concen: 62.534 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF097949.D
 Acq: 22 Aug 2017 12:13

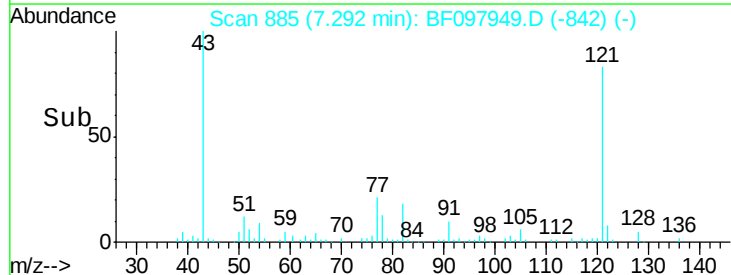
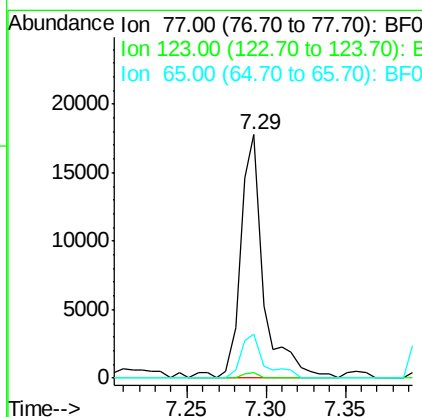
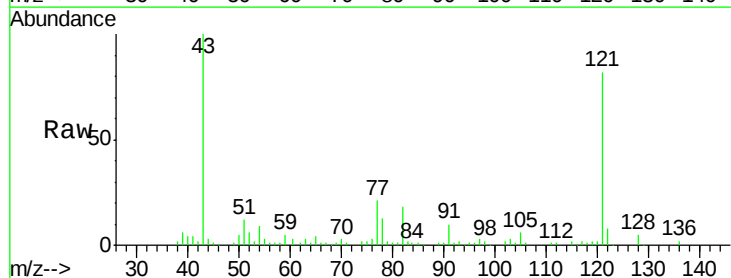
Instrument :
 BNA_F
 ClientSampleId :
 220-1-WALL

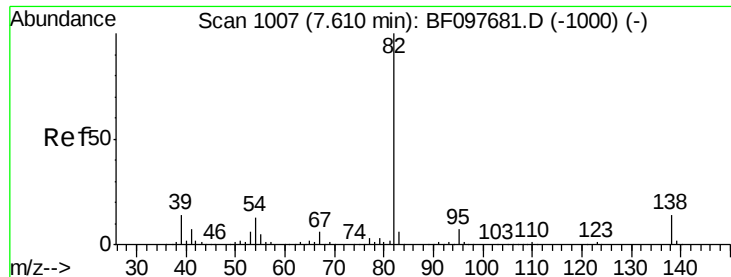
Tgt Ion: 82 Resp: 376997
 Ion Ratio Lower Upper
 82 100
 128 36.9 34.0 51.0
 54 41.6 42.2 63.2#



#24
 Nitrobenzene
 Concen: 2.667 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.05 min
 Lab File: BF097949.D
 Acq: 22 Aug 2017 12:13

Tgt Ion: 77 Resp: 17900
 Ion Ratio Lower Upper
 77 100
 123 2.4 35.8 53.8#
 65 17.8 10.6 15.8#

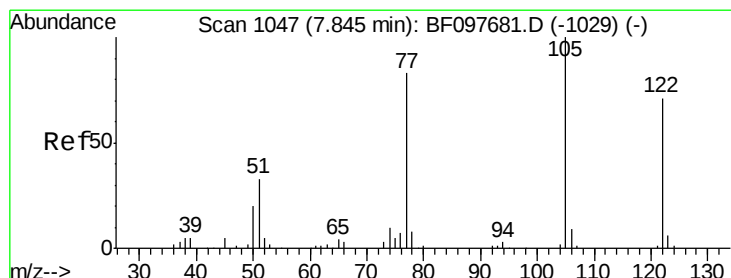
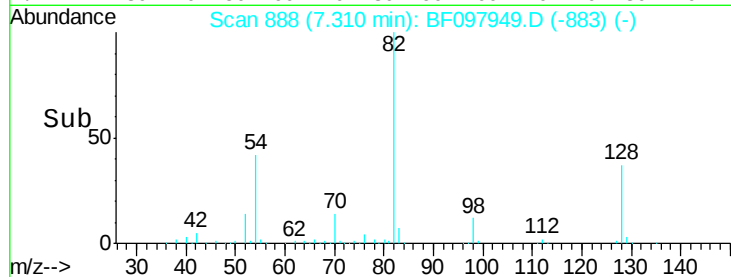
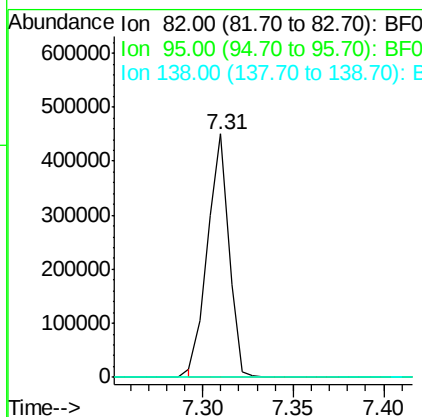
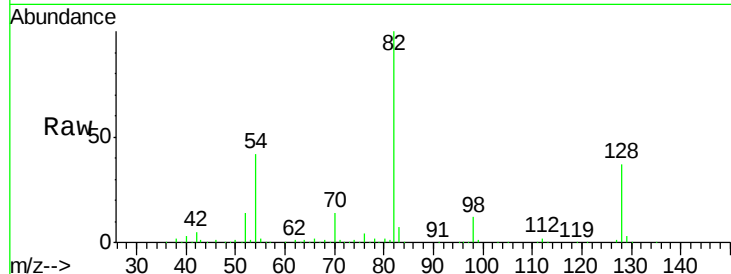




#25
Isophorone
Concen: 29.343 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.27 min
Lab File: BF097949.D
Acq: 22 Aug 2017 12:13

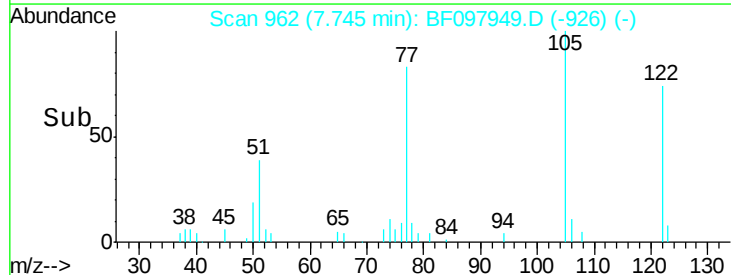
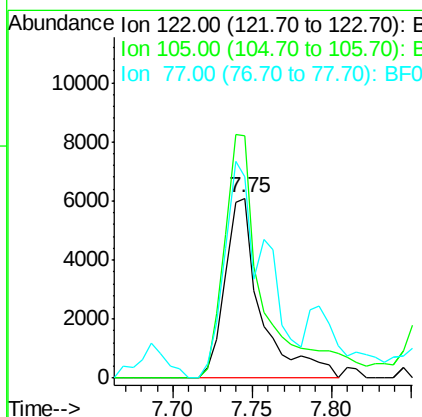
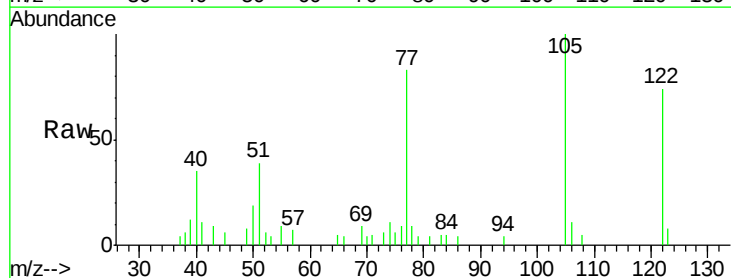
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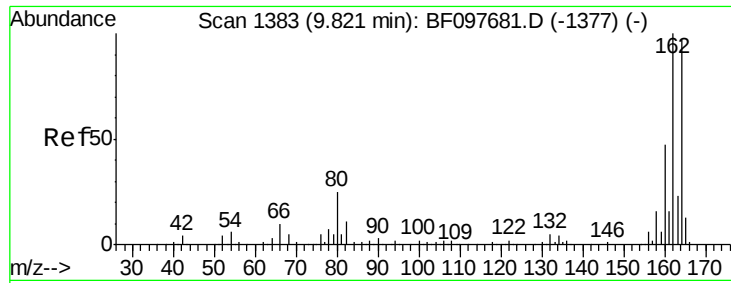
Tgt Ion: 82 Resp: 367836
Ion Ratio Lower Upper
82 100
95 0.1 5.3 7.9#
138 0.0 13.1 19.7#



#32
Benzoic acid
Concen: 8.582 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.09 min
Lab File: BF097949.D
Acq: 22 Aug 2017 12:13

Tgt Ion: 122 Resp: 9573
Ion Ratio Lower Upper
122 100
105 134.8 103.3 143.3
77 112.4 73.7 113.7

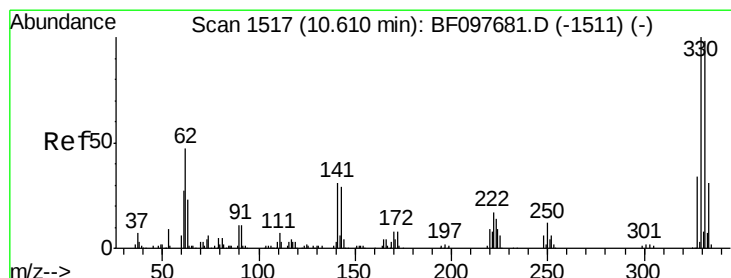
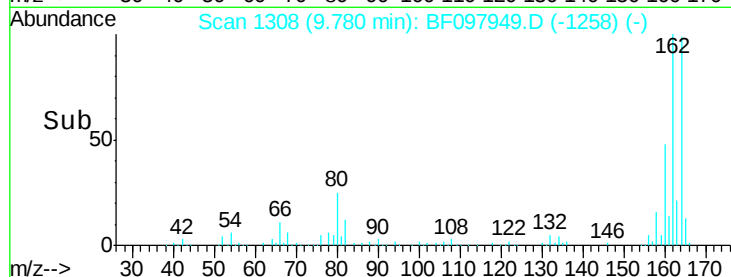
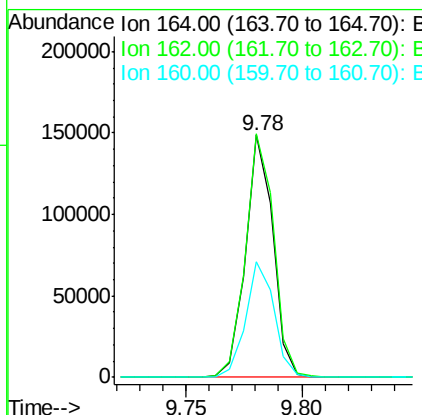
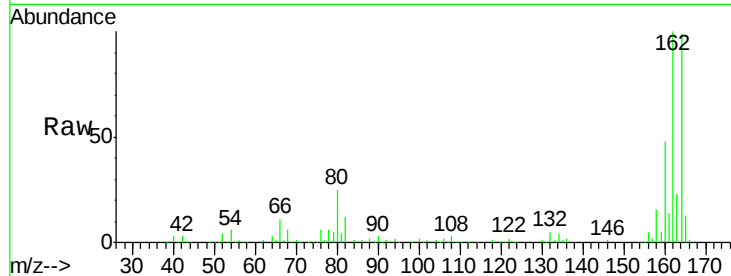




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF097949.D
 Acq: 22 Aug 2017 12:13

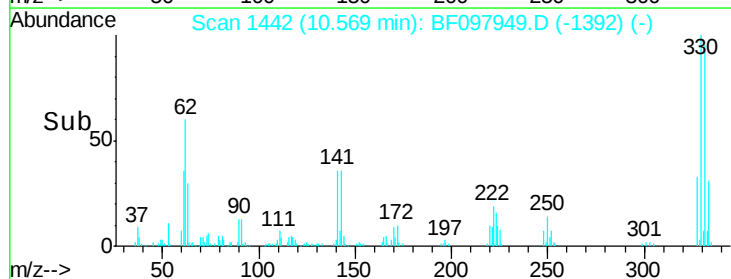
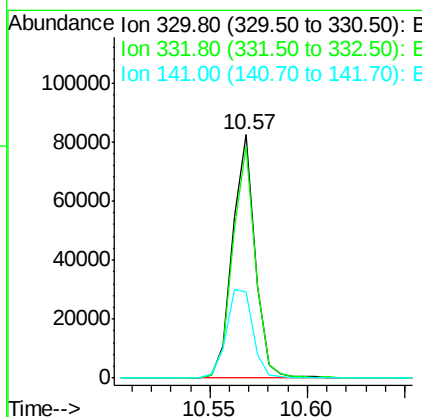
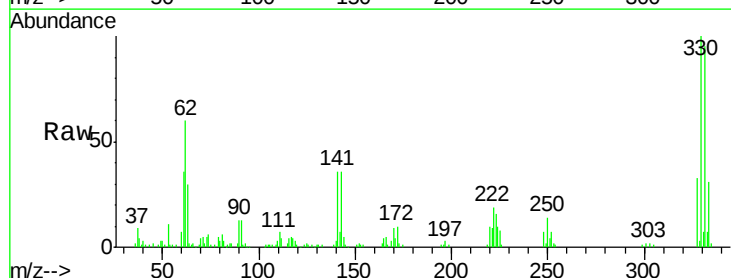
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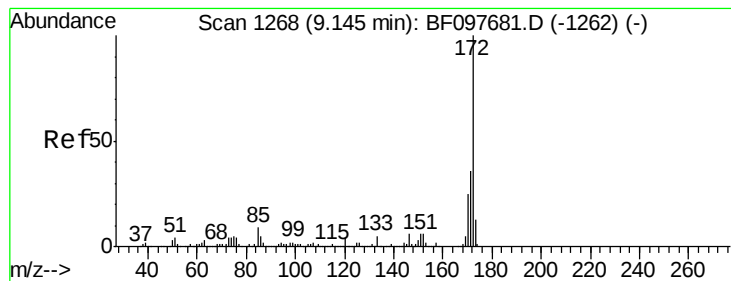
Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.6	123.8
160	48.0	36.2	54.2



#41
 2,4,6-Tribromophenol
 Concen: 61.612 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF097949.D
 Acq: 22 Aug 2017 12:13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	115.0
141	43.2	31.4	47.2

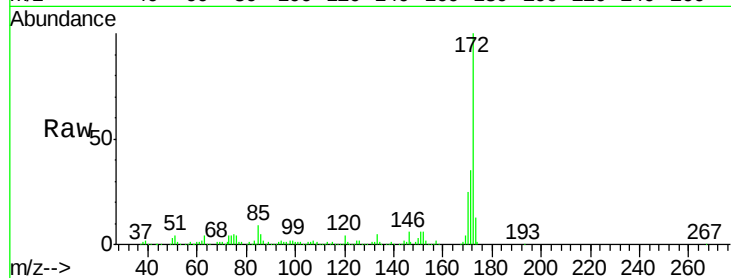




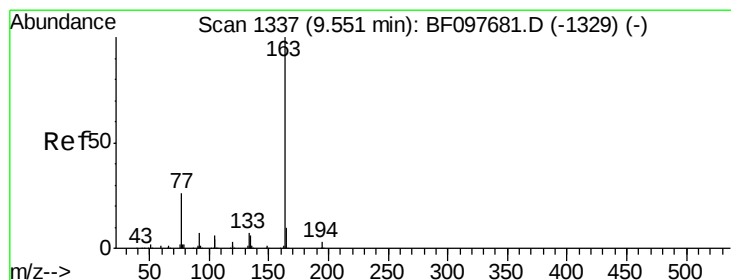
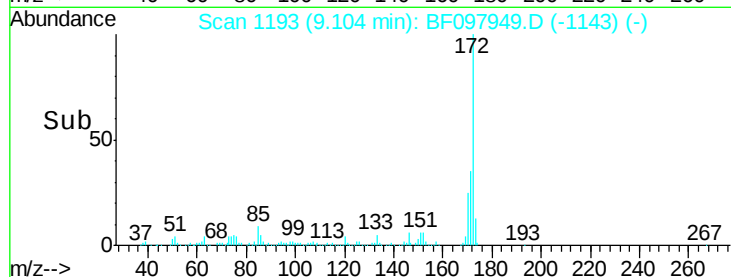
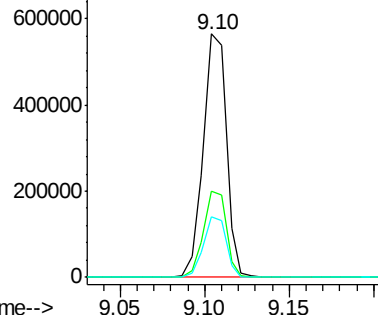
#44
 2-Fluorobiphenyl
 Concen: 63.976 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF097949.D
 Acq: 22 Aug 2017 12:13

Instrument :
 BNA_F
 ClientSampleId :
 220-1-WALL

Tgt Ion:172 Resp: 537293
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.6 44.4
 170 24.8 19.8 29.8

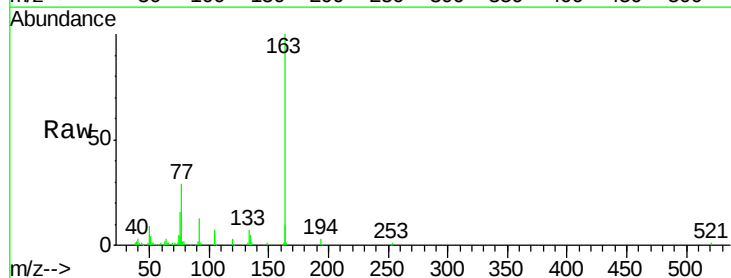


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

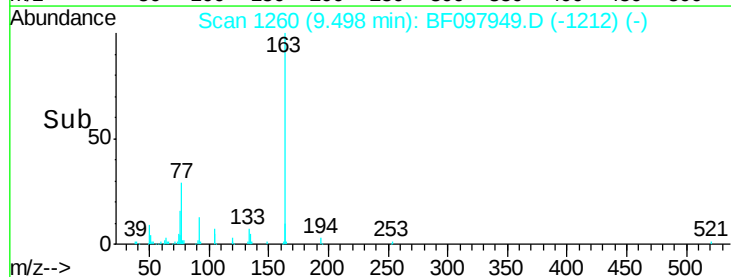
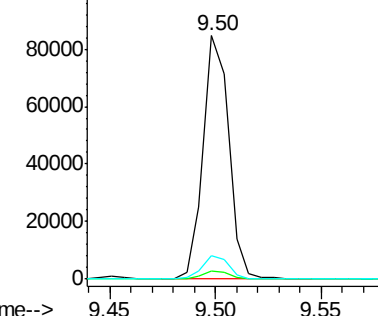


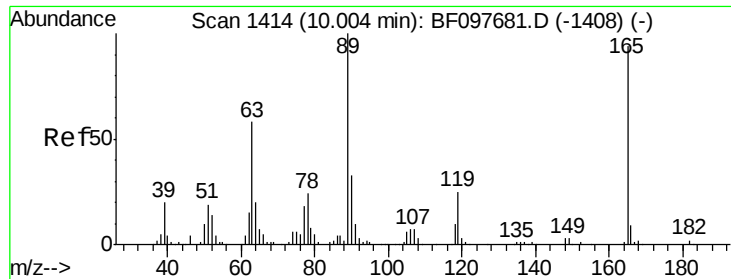
#49
 Dimethylphthalate
 Concen: 7.856 ng
 RT: 9.50 min Scan# 1260
 Delta R.T. -0.02 min
 Lab File: BF097949.D
 Acq: 22 Aug 2017 12:13

Tgt Ion:163 Resp: 70854
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.6 4.0
 164 9.8 8.4 12.6



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

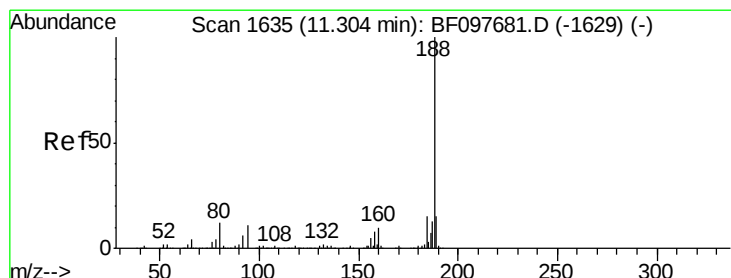
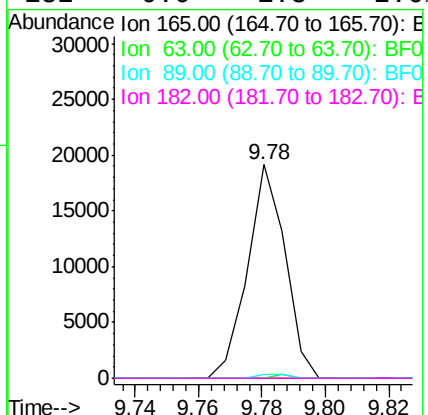
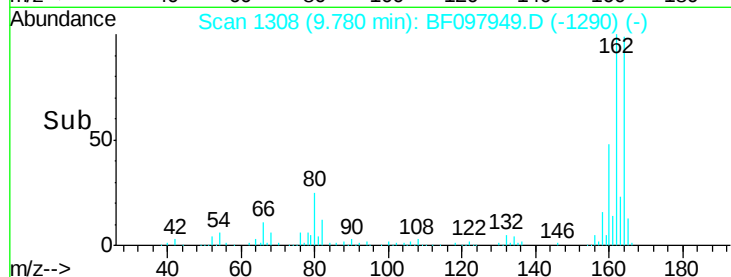
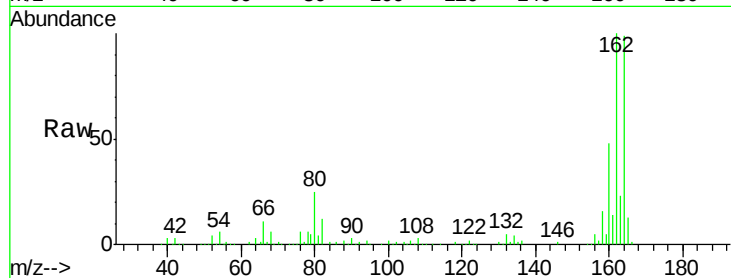




#56
2,4-Dinitrotoluene
Concen: 6.969 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.19 min
Lab File: BF097949.D
Acq: 22 Aug 2017 12:13

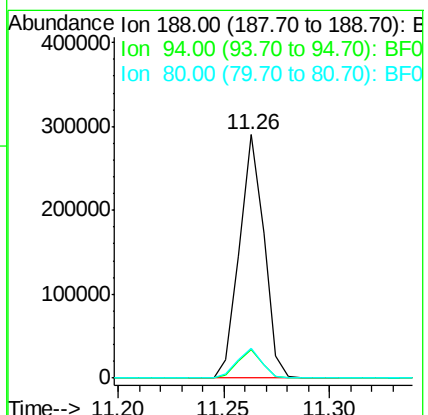
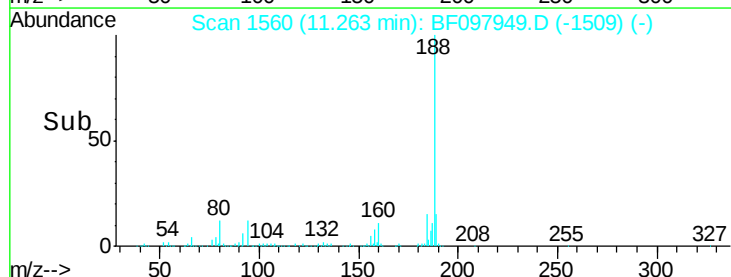
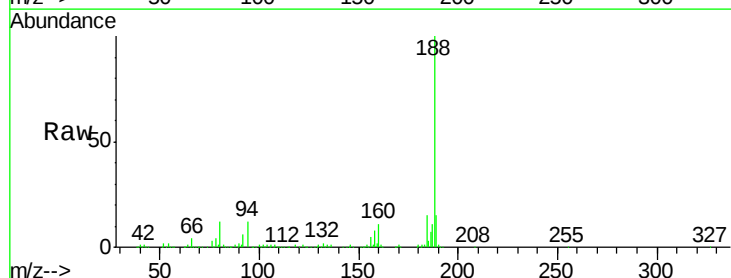
Instrument :
BNA_F
ClientSampleId :
220-1-WALL

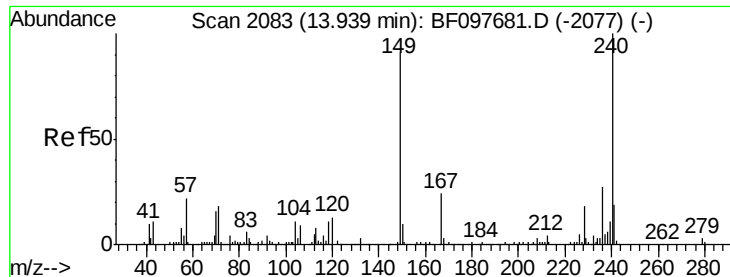
Tgt Ion:	165	Resp:	15746
Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.8	46.4	69.6#
182	0.0	1.8	2.6#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF097949.D
Acq: 22 Aug 2017 12:13

Tgt Ion:	188	Resp:	234196
Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.4	14.2
80	12.4	10.2	15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BF097949.D

Acq: 22 Aug 2017 12:13

Instrument :

BNA_F

ClientSampleId :

220-1-WALL

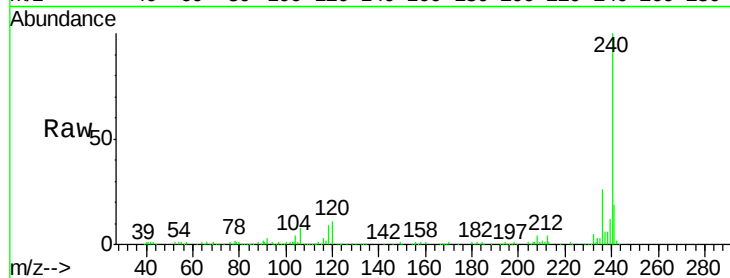
Tgt Ion:240 Resp: 209771

Ion Ratio Lower Upper

240 100

120 11.4 5.8 8.8#

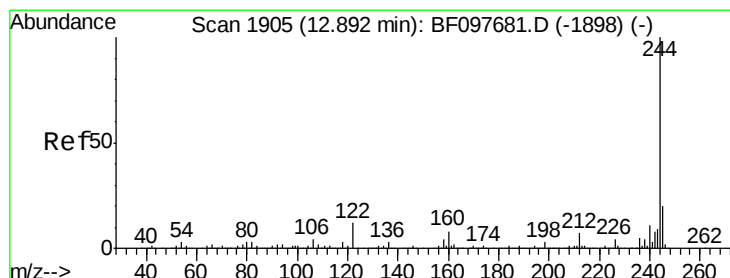
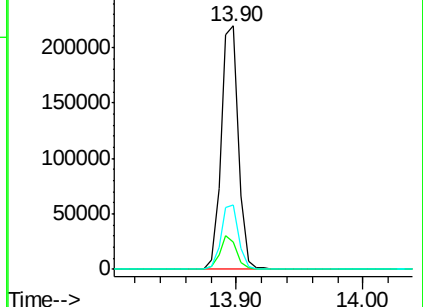
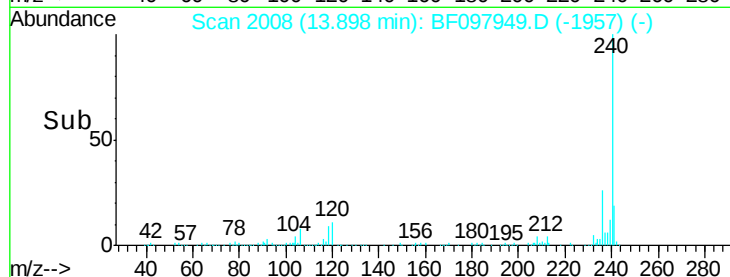
236 26.5 20.5 30.7



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: 48.500 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF097949.D

Acq: 22 Aug 2017 12:13

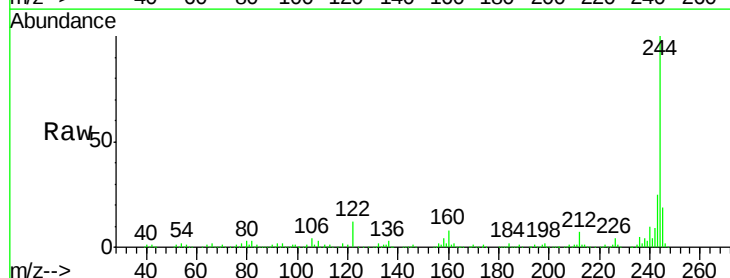
Tgt Ion:244 Resp: 487879

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

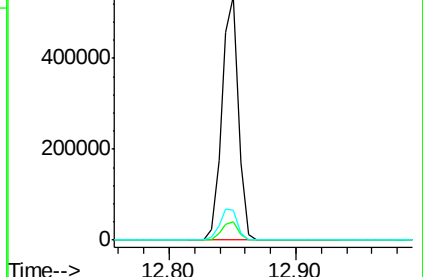
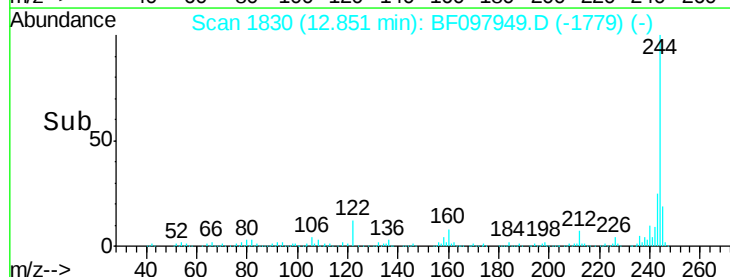
122 12.1 10.3 15.5

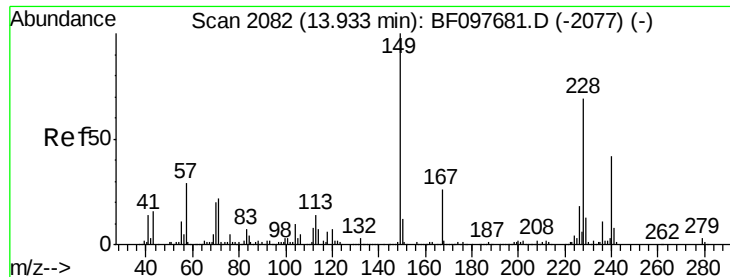


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

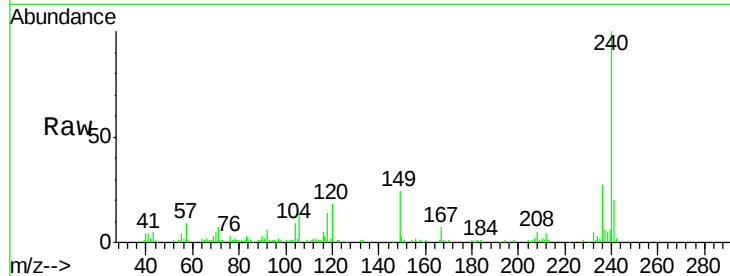




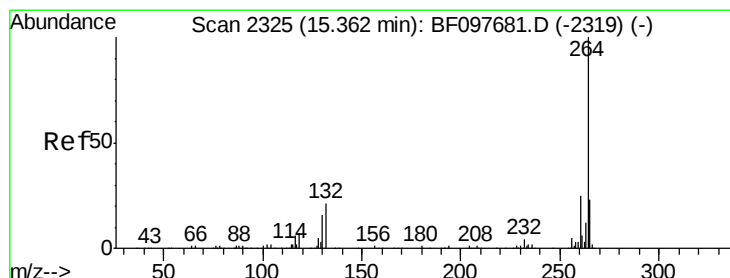
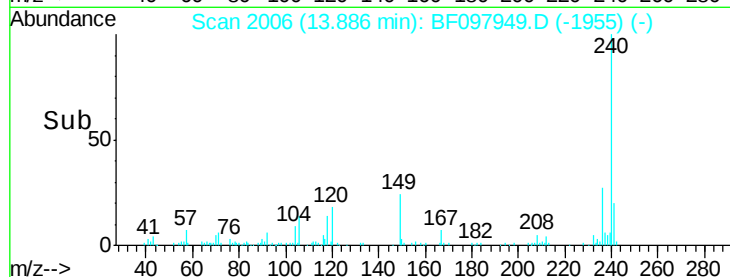
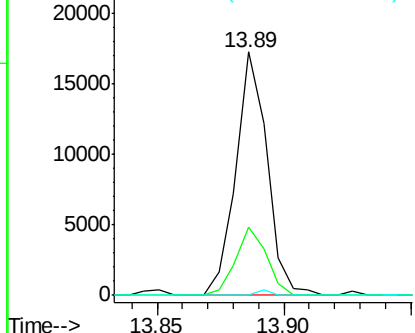
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.023 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BF097949.D
 Acq: 22 Aug 2017 12:13

Instrument :
 BNA_F
 ClientSampleId :
 220-1-WALL

Tgt Ion:149 Resp: 14746
 Ion Ratio Lower Upper
 149 100
 167 27.8 21.0 31.4
 279 0.0 1.9 2.9#

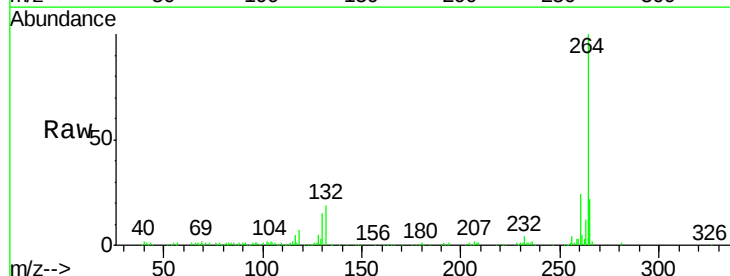


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF097949.D
 Acq: 22 Aug 2017 12:13

Tgt Ion:264 Resp: 137842
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 21.7 17.2 25.8



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

