

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
 Data File : BF097519.D
 Acq On : 9 Aug 2017 16:55
 Operator : SJ/JU
 Sample : I4639-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-080317-B

Quant Time: Aug 09 17:46:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

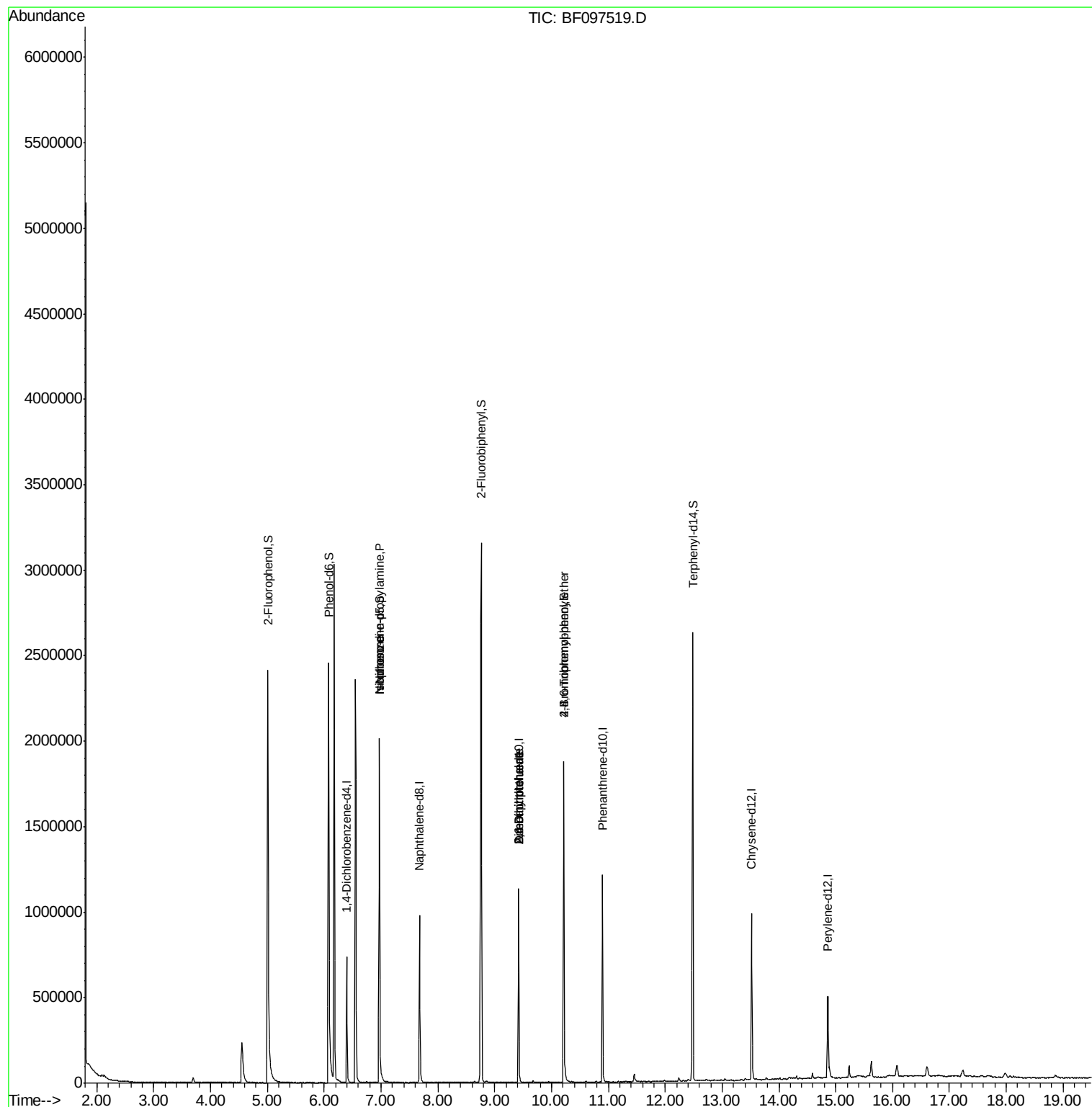
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	114206	20.00	ng	-0.01
21) Naphthalene-d8	7.68	136	484396	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	238225	20.00	ng	-0.02
63) Phenanthrene-d10	10.90	188	426892	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	331574	20.00	ng	-0.02
86) Perylene-d12	14.86	264	210938	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.01	112	899447	118.72	ng	0.00
7) Phenol-d6	6.08	99	1064782	123.11	ng	0.00
23) Nitrobenzene-d5	6.97	82	715649	86.67	ng	-0.02
41) 2,4,6-Tribromophenol	10.22	330	254354	135.14	ng	-0.01
44) 2-Fluorobiphenyl	8.76	172	1208344	86.08	ng	-0.01
78) Terphenyl-d14	12.49	244	1031662	63.44	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.97	70	97956	17.207	ng	# 88
25) Isophorone	6.97	82	715645	44.256	ng	# 67
49) Dimethylphthalate	9.43	163	72218	3.992	ng	# 1
50) 2,6-Dinitrotoluene	9.42	165	29261	7.626	ng	# 33
56) 2,4-Dinitrotoluene	9.42	165	29261	6.634	ng	# 33
66) 4-Bromophenyl-phenylether	10.22	248	15612	3.665	ng	# 1

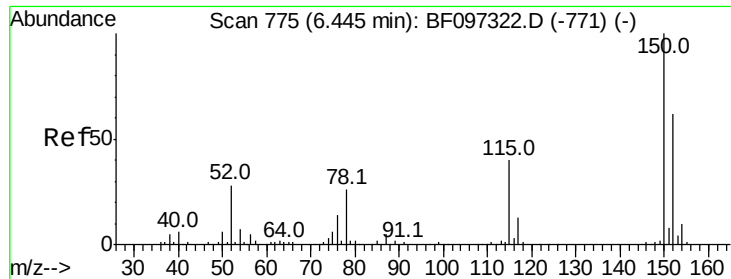
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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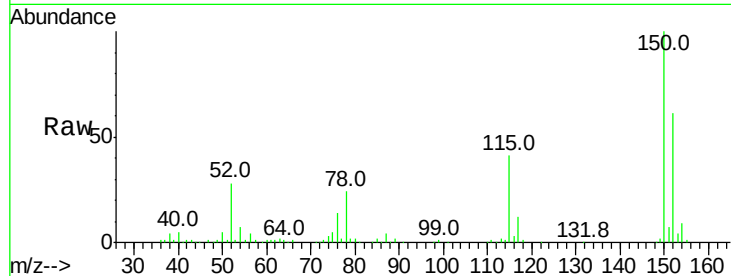


#1

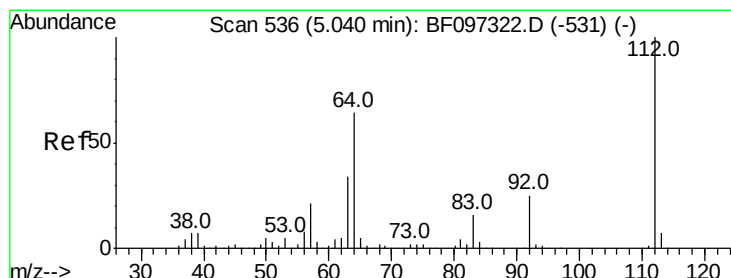
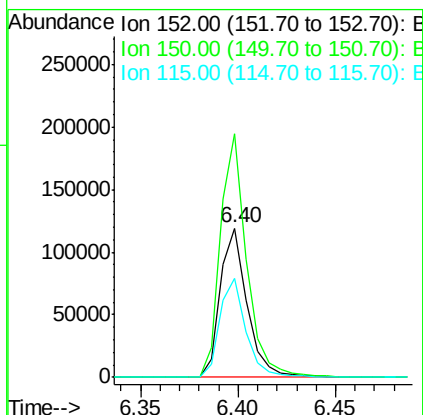
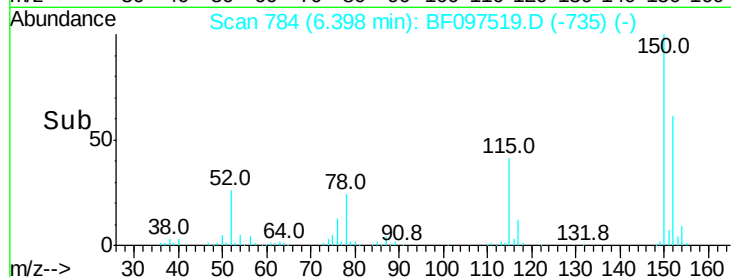
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.40 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF097519.D
 Acq: 9 Aug 2017 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-080317-B

Tot Ion:152 Resp: 114206
 Ion Ratio Lower Upper
 152 100
 150 163.5 126.2 189.2
 115 66.6 52.2 78.2



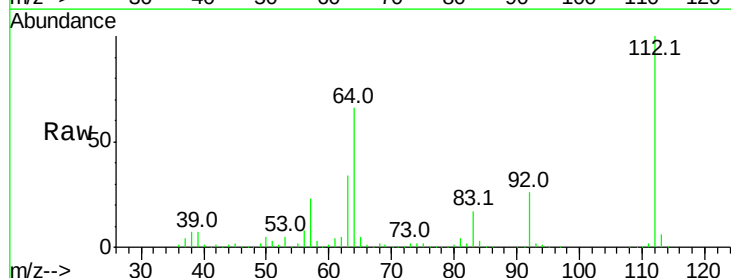
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



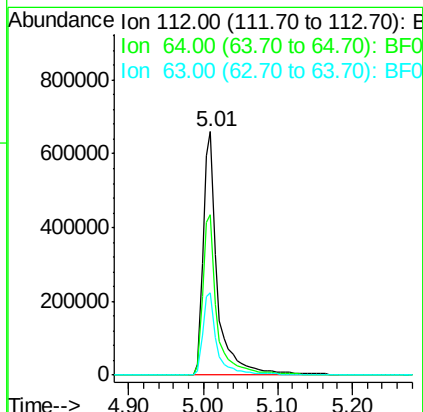
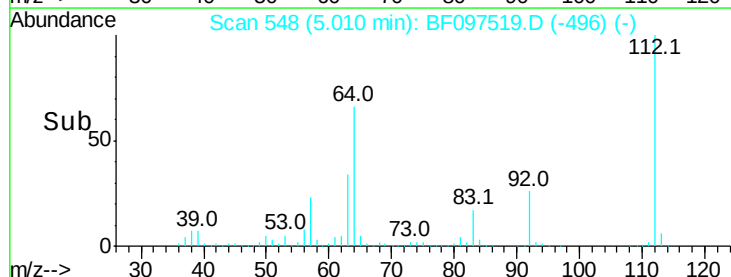
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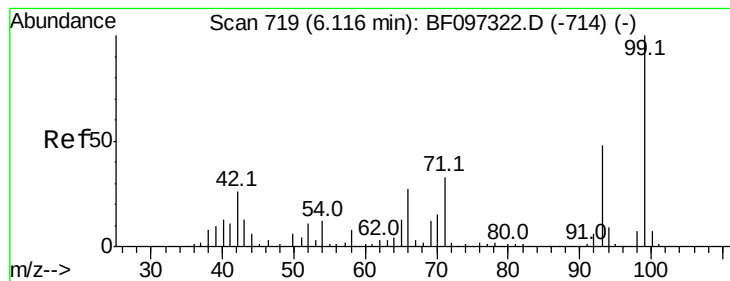
2-Fluorophenol
 Concen: 118.725 ng
 RT: 5.01 min Scan# 548
 Delta R.T. 0.01 min
 Lab File: BF097519.D
 Acq: 9 Aug 2017 16:55

Tgt Ion:112 Resp: 899447
 Ion Ratio Lower Upper
 112 100
 64 65.7 46.0 69.0
 63 33.9 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: 123.113 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097519.D

Acq: 9 Aug 2017 16:55

Instrument :

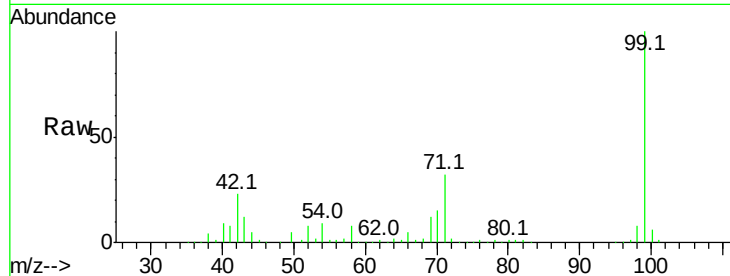
BNA_F

ClientSampleId :

SA-06-080317-B

Tot Ion: 99 Resp: 1064782

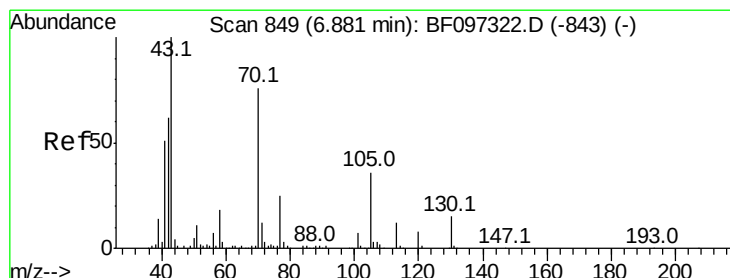
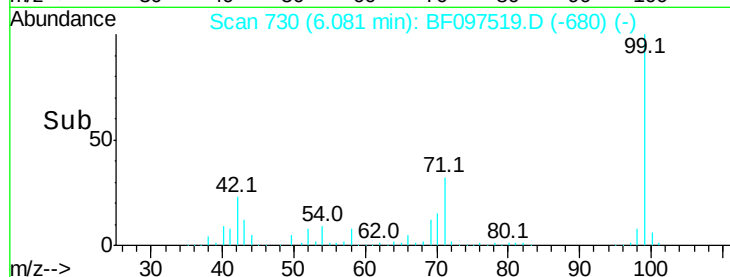
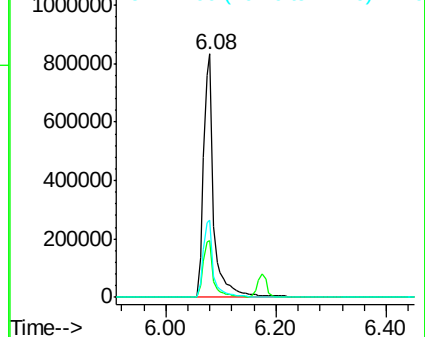
Ion	Ratio	Lower	Upper
99	100		
42	23.1	13.5	20.3#
71	31.5	24.5	36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.207 ng

RT: 6.97 min Scan# 882

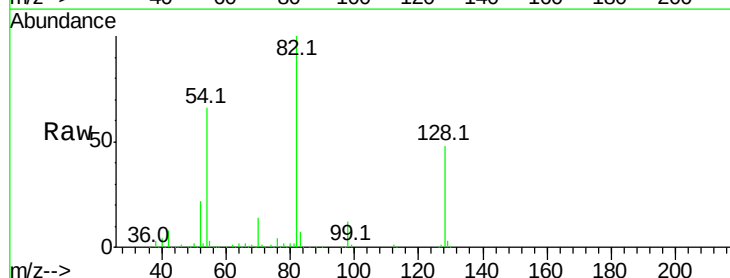
Delta R.T. 0.12 min

Lab File: BF097519.D

Acq: 9 Aug 2017 16:55

Tgt Ion: 70 Resp: 97956

Ion	Ratio	Lower	Upper
70	100		
42	59.7	47.2	70.8
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#

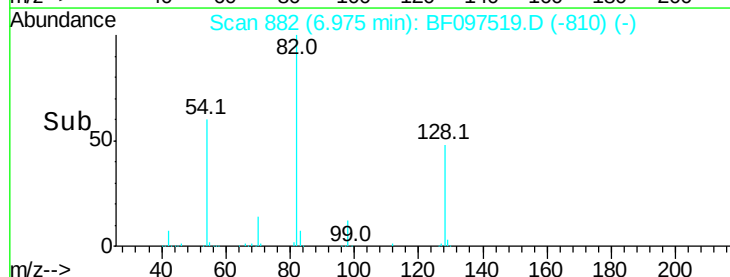
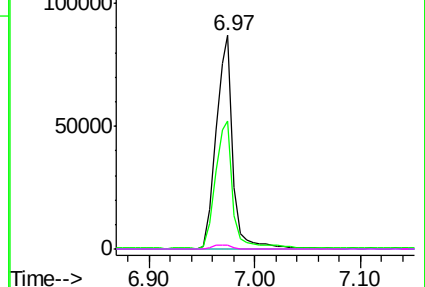


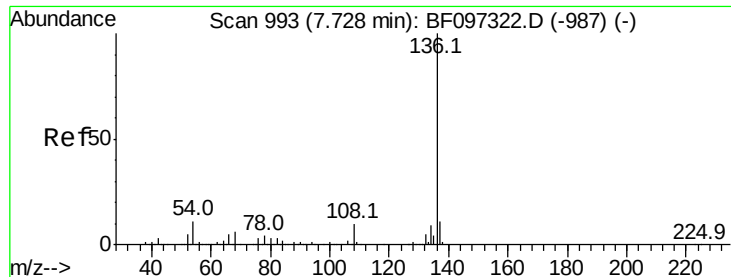
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

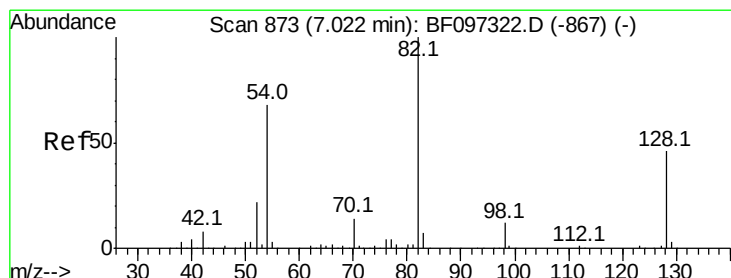
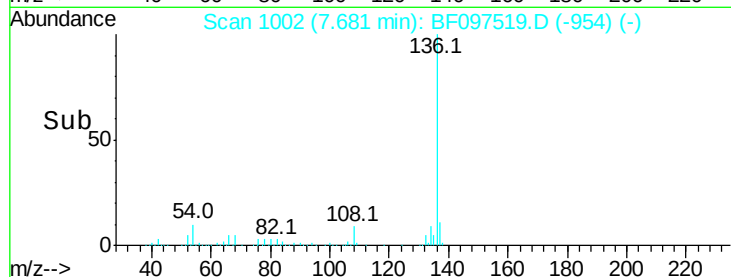
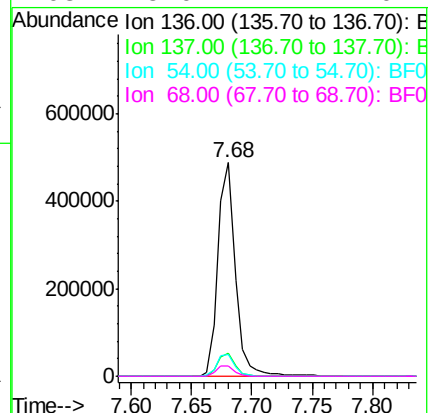
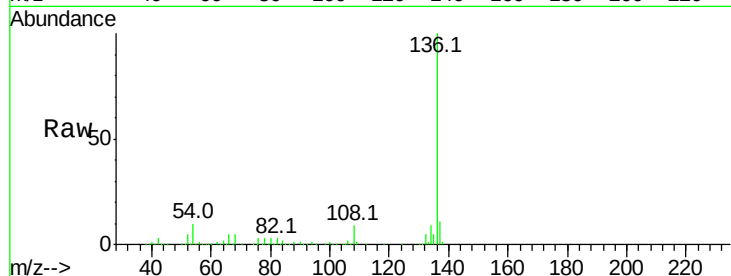




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.68 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF097519.D
Acq: 9 Aug 2017 16:55

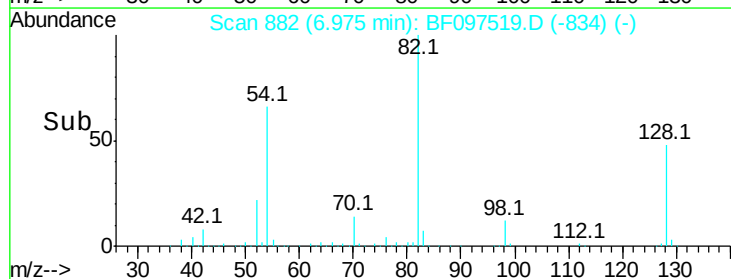
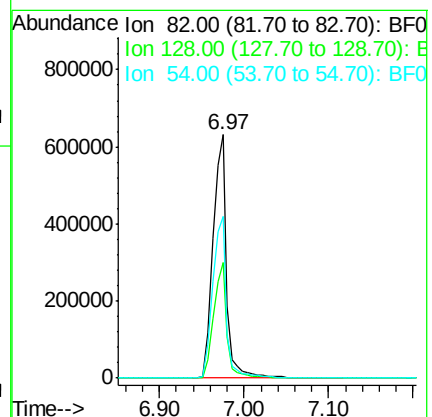
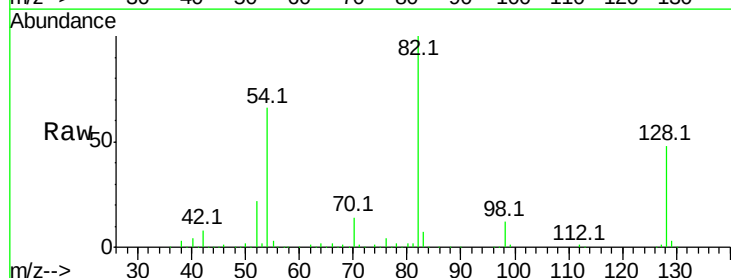
Instrument :
BNA_F
ClientSampleId :
SA-06-080317-B

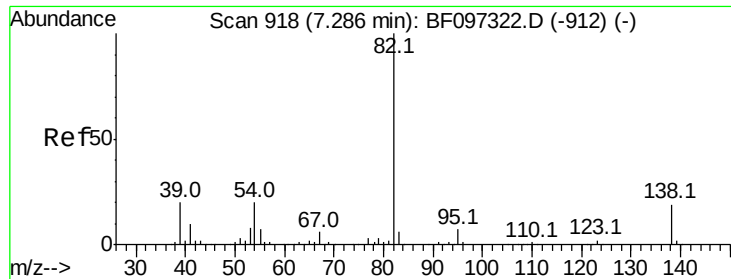
Tot Ion:	136	Resp:	484396
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.4	4.9	7.3#
68	5.0	4.1	6.1



#23
Nitrobenzene-d5
Concen: 86.670 ng
RT: 6.97 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF097519.D
Acq: 9 Aug 2017 16:55

Tgt Ion:	82	Resp:	715649
Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.0	51.0
54	66.5	42.2	63.2#





#25

Isophorone

Concen: 44.256 ng

RT: 6.97 min Scan# 882

Delta R.T. -0.28 min

Lab File: BF097519.D

Acq: 9 Aug 2017 16:55

Instrument :

BNA_F

ClientSampleId :

SA-06-080317-B

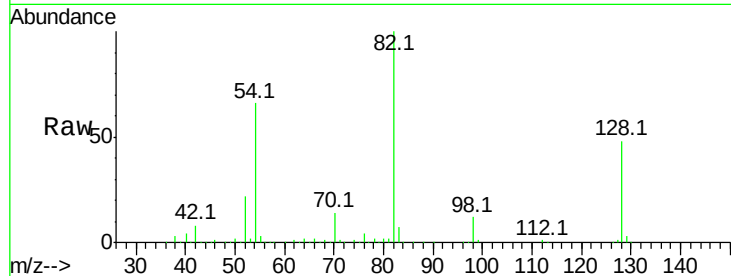
Tot Ion: 82 Resp: 715645

Ion Ratio Lower Upper

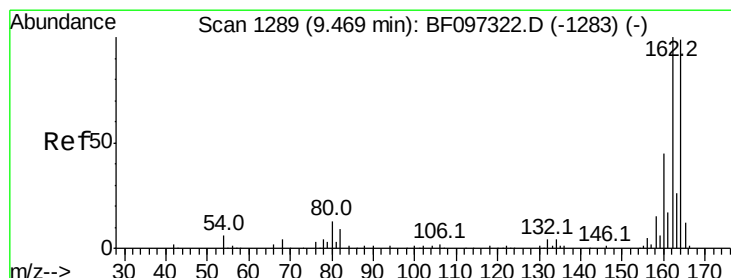
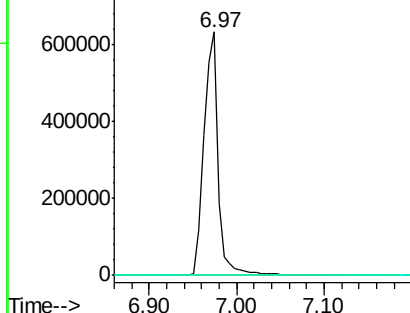
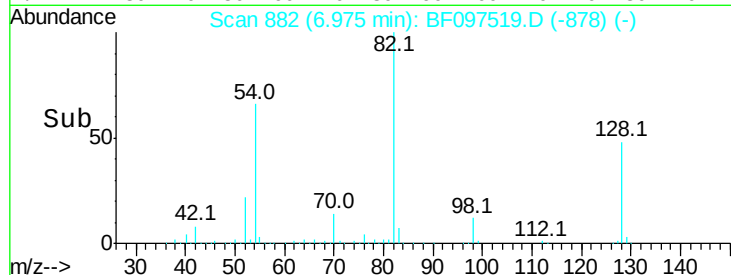
82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.42 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF097519.D

Acq: 9 Aug 2017 16:55

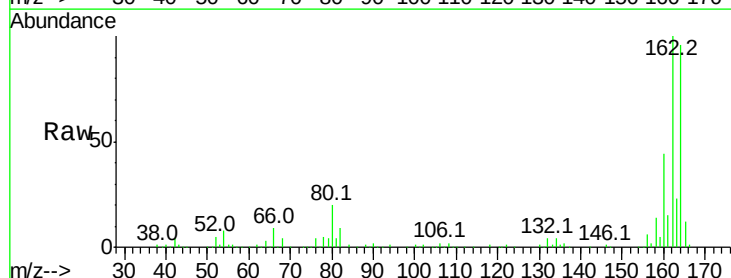
Tgt Ion:164 Resp: 238225

Ion Ratio Lower Upper

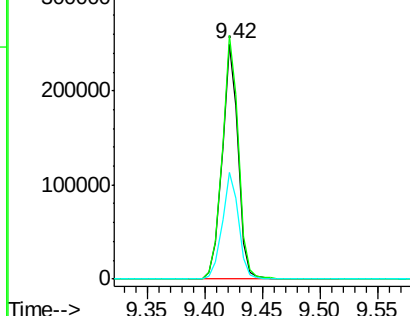
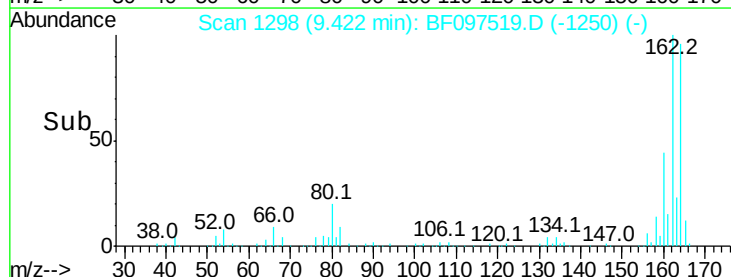
164 100

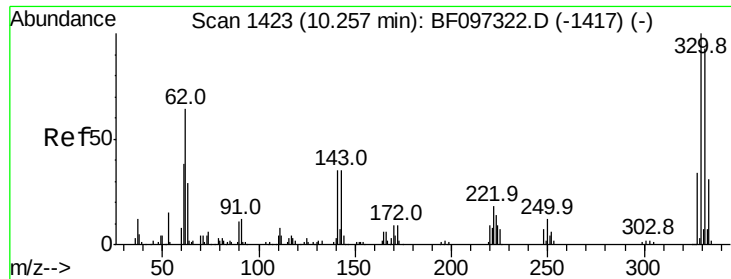
162 103.7 82.6 123.8

160 45.5 36.2 54.2



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

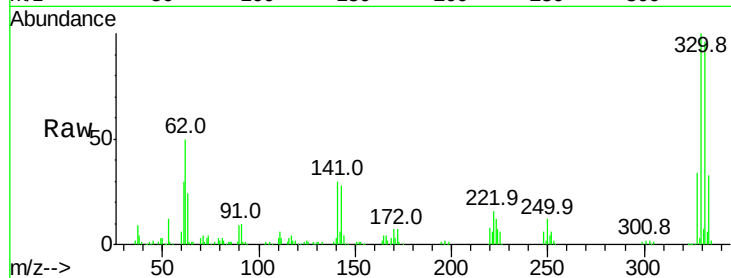




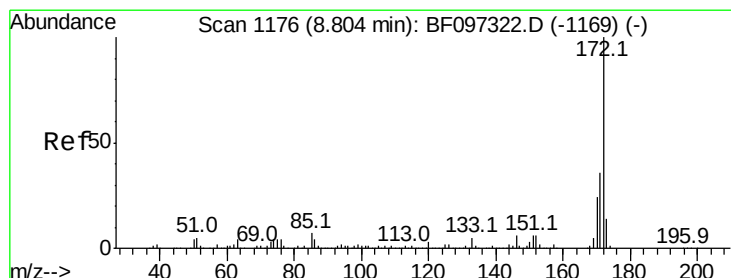
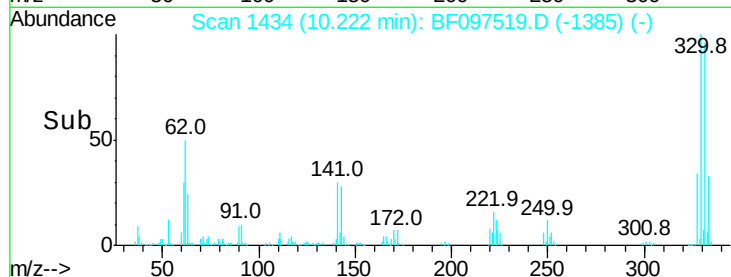
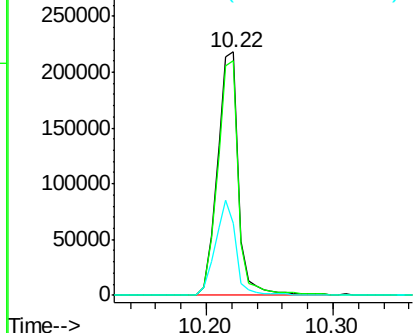
#41
 2,4,6-Tribromophenol
 Concen: 135.136 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097519.D
 Acq: 9 Aug 2017 16:55

Instrument :
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 ClientSampleId :
 SA-06-080317-B

Tot Ion:330 Resp: 254354
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 38.7 31.4 47.2

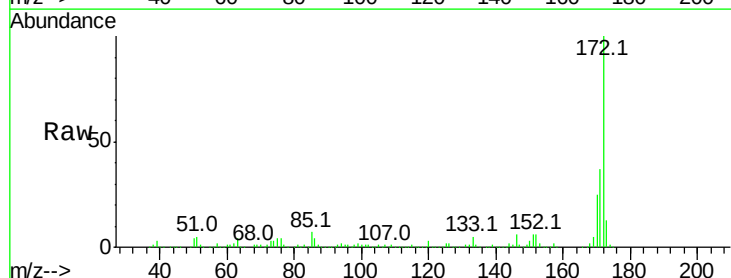


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

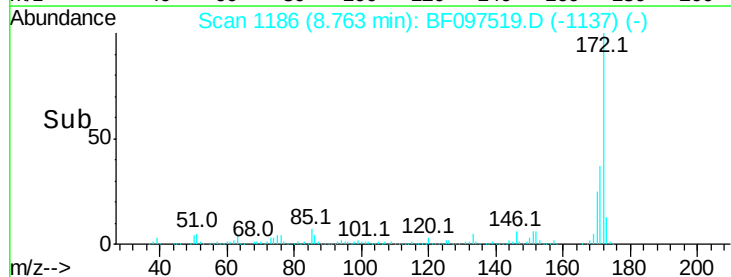
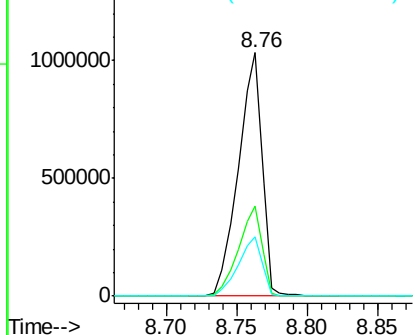


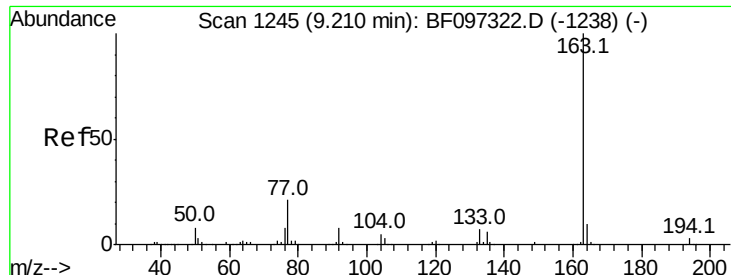
#44
 2-Fluorobiphenyl
 Concen: 86.081 ng
 RT: 8.76 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097519.D
 Acq: 9 Aug 2017 16:55

Tgt Ion:172 Resp: 1208344
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.6 44.4
 170 24.6 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

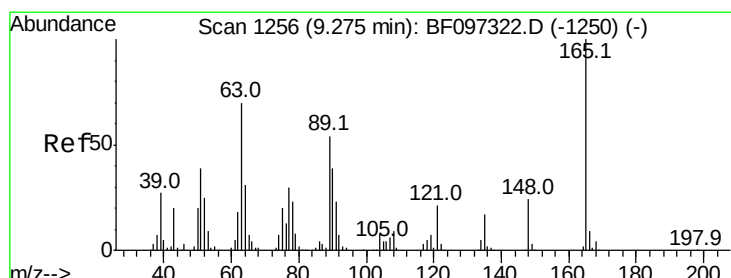
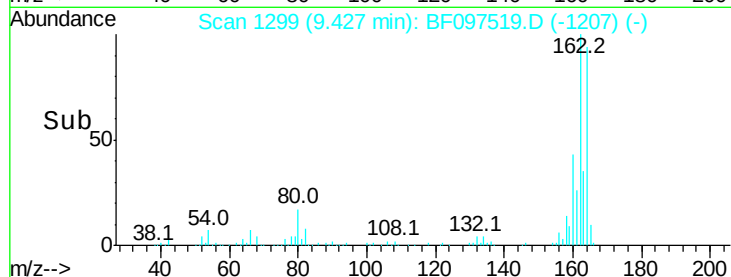
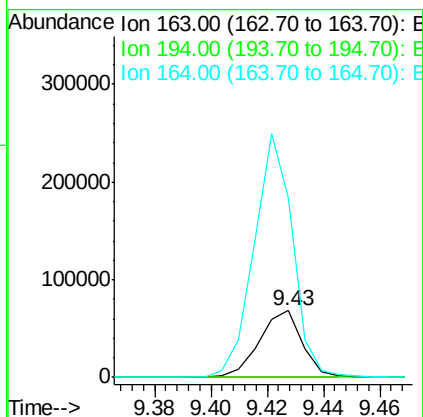
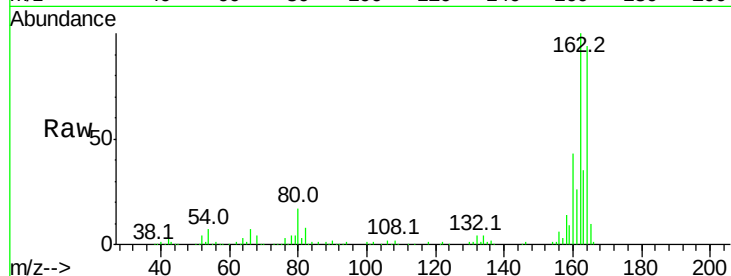




#49
Dimethylphthalate
Concen: 3.992 ng
RT: 9.43 min Scan# 1299
Delta R.T. 0.24 min
Lab File: BF097519.D
Acq: 9 Aug 2017 16:55

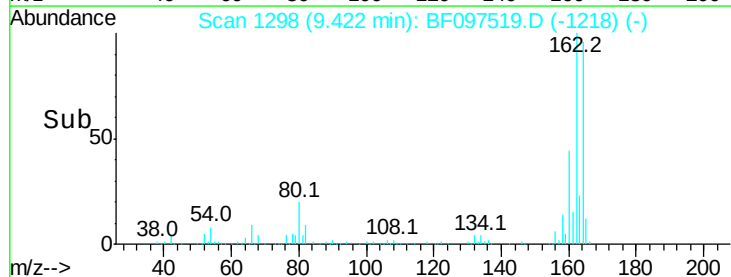
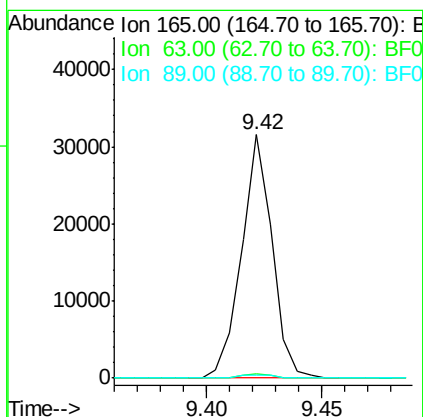
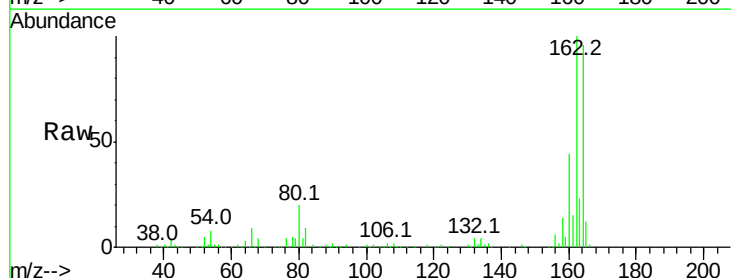
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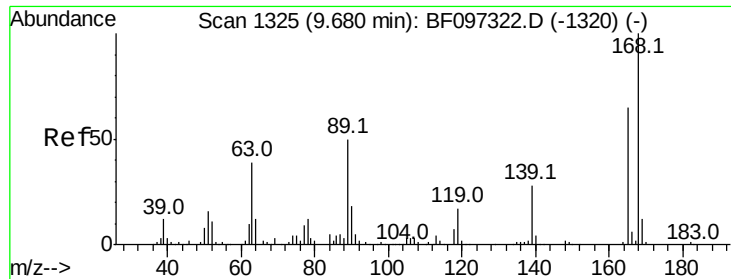
Tot Ion:163 Resp: 72218
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 269.0 8.4 12.6#



#50
2,6-Dinitrotoluene
Concen: 7.626 ng
RT: 9.42 min Scan# 1298
Delta R.T. 0.17 min
Lab File: BF097519.D
Acq: 9 Aug 2017 16:55

Tgt Ion:165 Resp: 29261
Ion Ratio Lower Upper
165 100
63 1.5 34.3 51.5#
89 1.0 37.1 55.7#

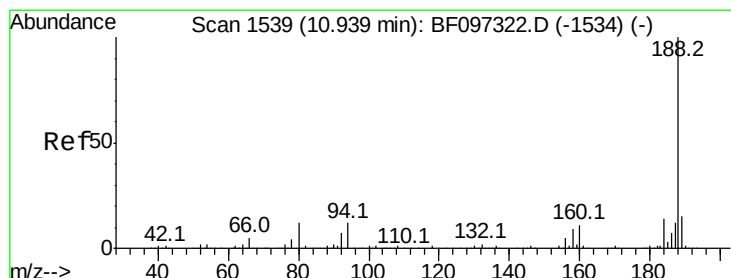
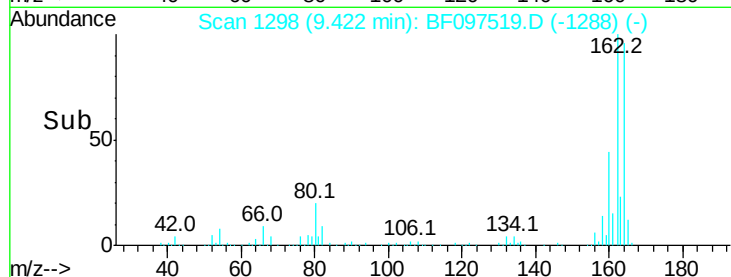
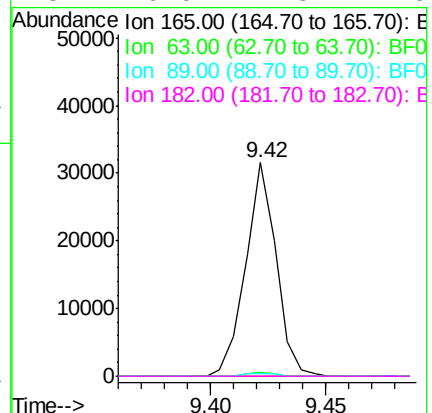
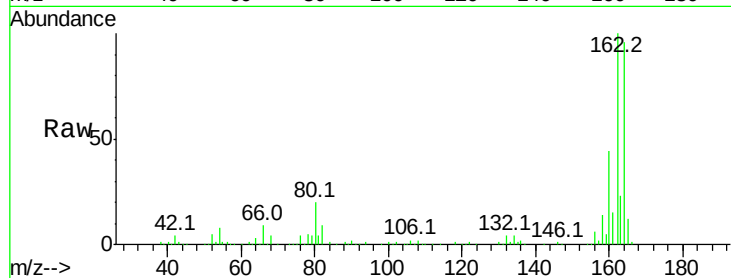




#56
 2,4-Dinitrotoluene
 Concen: 6.634 ng
 RT: 9.42 min Scan# 1298
 Delta R.T. -0.24 min
 Lab File: BF097519.D
 Acq: 9 Aug 2017 16:55

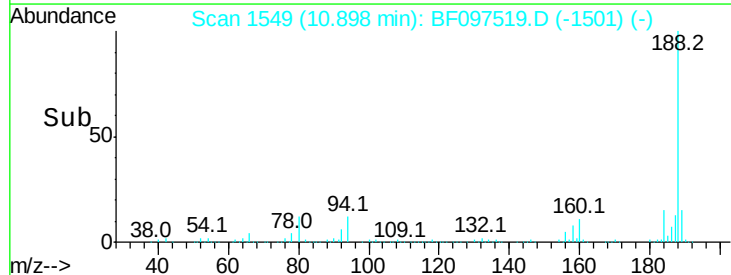
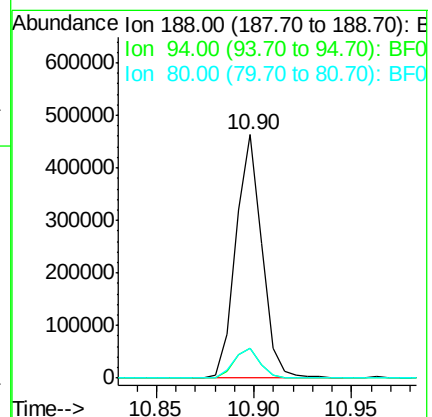
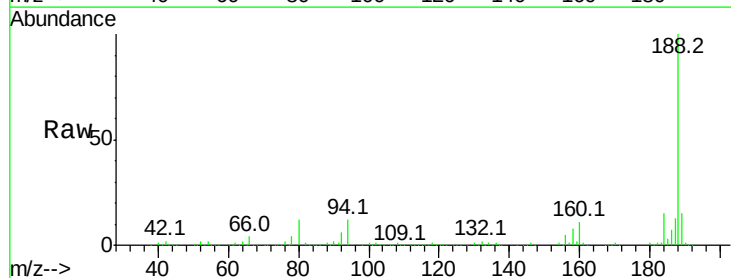
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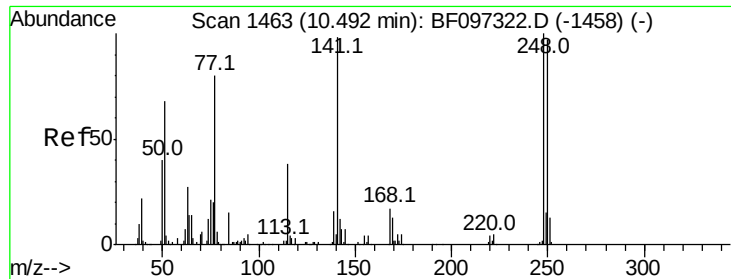
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	1.0	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.90 min Scan# 1549
 Delta R.T. -0.02 min
 Lab File: BF097519.D
 Acq: 9 Aug 2017 16:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.2	9.4	14.2
80	12.3	10.2	15.2

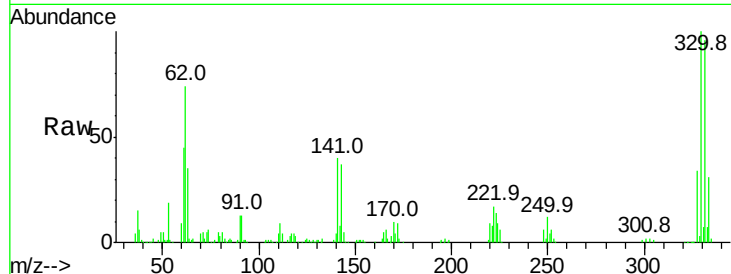




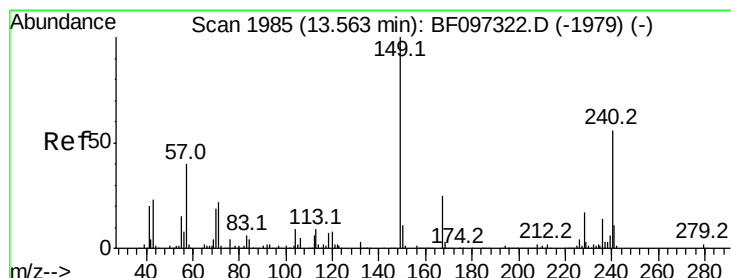
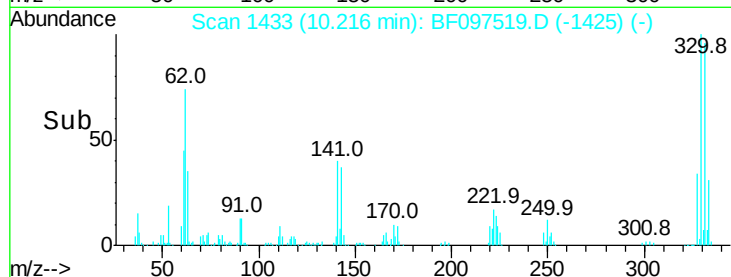
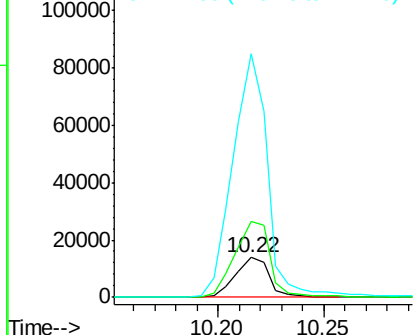
#66
 4-Bromophenyl-phenylether
 Concen: 3.665 ng
 RT: 10.22 min Scan# 1433
 Delta R.T. -0.25 min
 Lab File: BF097519.D
 Acq: 9 Aug 2017 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-080317-B

Tot Ion:248 Resp: 15612
 Ion Ratio Lower Upper
 248 100
 250 190.4 76.8 115.2#
 141 610.2 68.6 103.0#

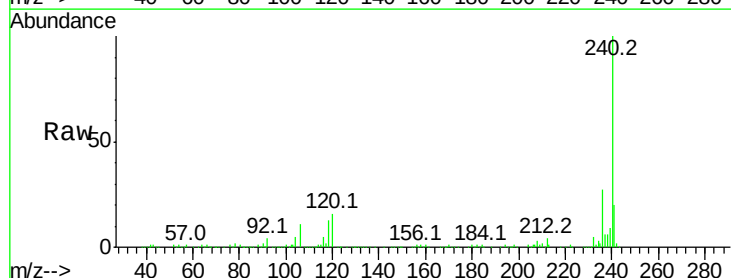


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

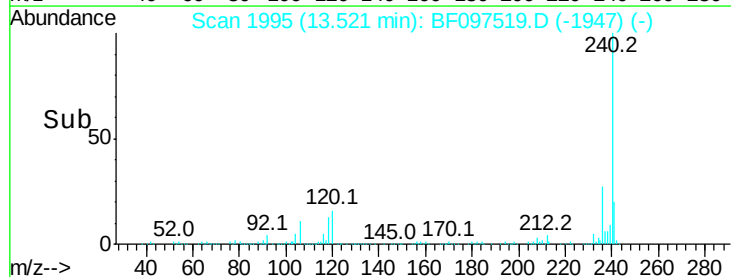
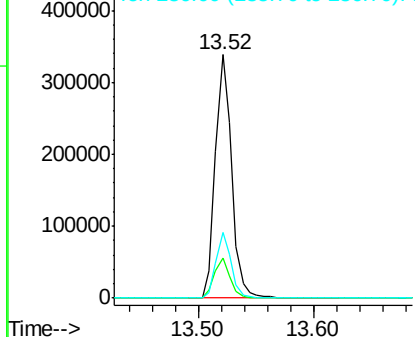


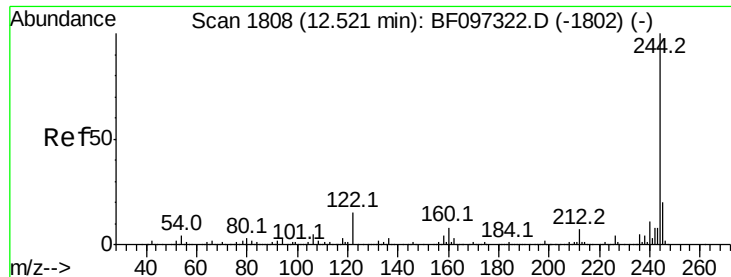
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.52 min Scan# 1995
 Delta R.T. -0.02 min
 Lab File: BF097519.D
 Acq: 9 Aug 2017 16:55

Tgt Ion:240 Resp: 331574
 Ion Ratio Lower Upper
 240 100
 120 16.3 5.8 8.8#
 236 26.8 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: 63.437 ng

RT: 12.49 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF097519.D

Acq: 9 Aug 2017 16:55

Instrument :

BNA_F

ClientSampleId :

SA-06-080317-B

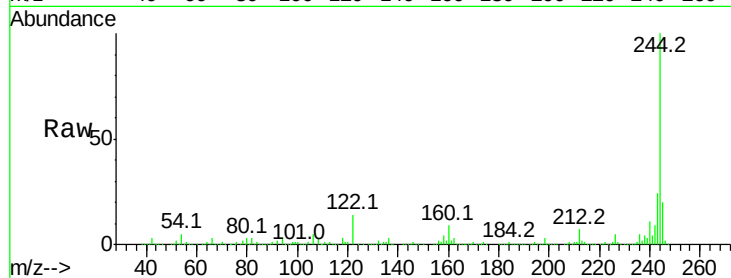
Tot Ion:244 Resp: 1031662

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

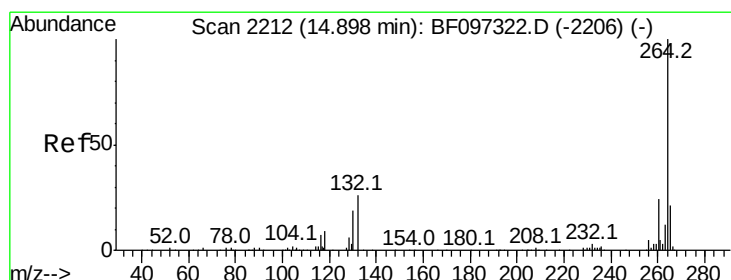
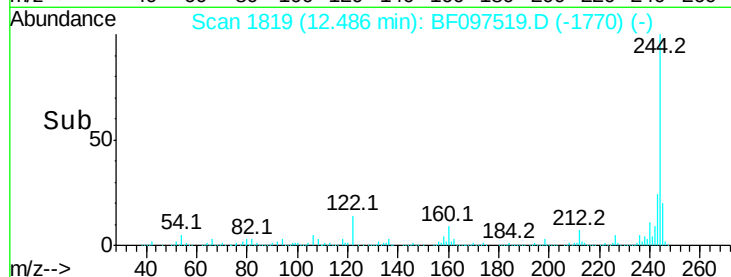
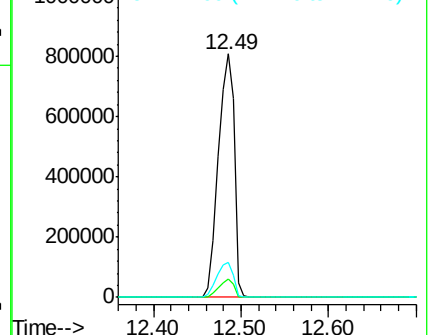
122 14.3 10.3 15.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 14.86 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF097519.D

Acq: 9 Aug 2017 16:55

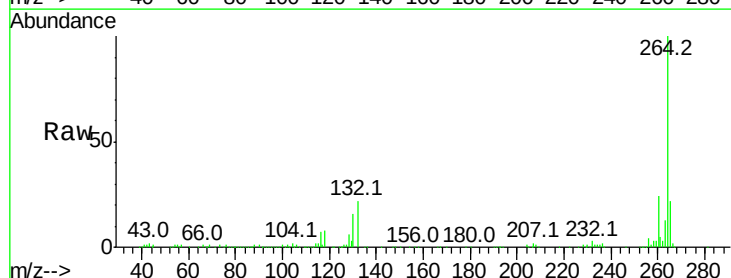
Tgt Ion:264 Resp: 210938

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 22.1 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

