

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
 Data File : BF097630.D
 Acq On : 12 Aug 2017 10:24
 Operator : SJ/JU
 Sample : I4723-01 100X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OUTSIDE-FENCE

Quant Time: Aug 14 01:02:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

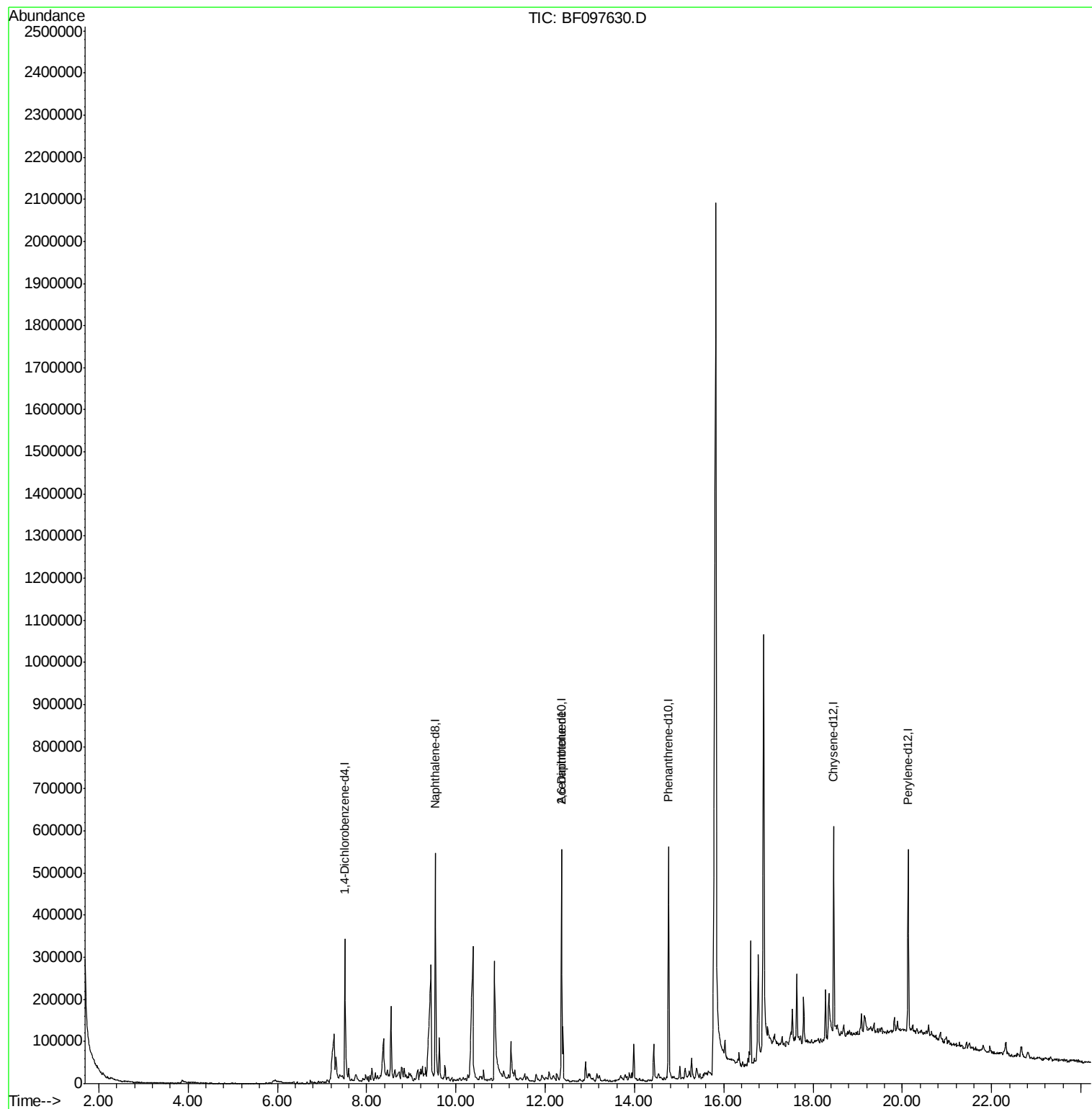
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	85342	20.00	ng	0.00
21) Naphthalene-d8	9.54	136	349268	20.00	ng	0.00
38) Acenaphthene-d10	12.36	164	147617	20.00	ng	0.00
63) Phenanthrene-d10	14.76	188	252203	20.00	ng	0.00
75) Chrysene-d12	18.46	240	193151	20.00	ng	0.00
86) Perylene-d12	20.13	264	182095	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	121	0.02	ng	0.27
7) Phenol-d6	7.22	99	6127	0.92	ng	0.16
23) Nitrobenzene-d5	8.46	82	479	0.09	ng	0.04
41) 2,4,6-Tribromophenol	13.69	330	529	0.47	ng	0.02
44) 2-Fluorobiphenyl	11.32	172	6790	0.69	ng	0.00
78) Terphenyl-d14	17.12	244	5046	0.54	ng	0.00
Target Compounds						
50) 2,6-Dinitrotoluene	12.36	165	18301	7.79	ng	Qvalue # 31

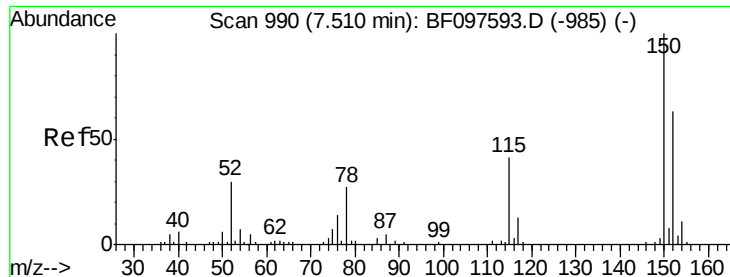
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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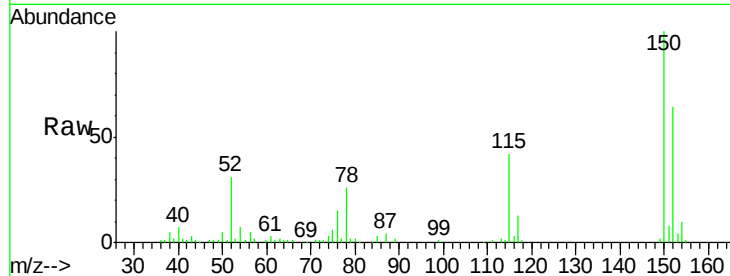


#1

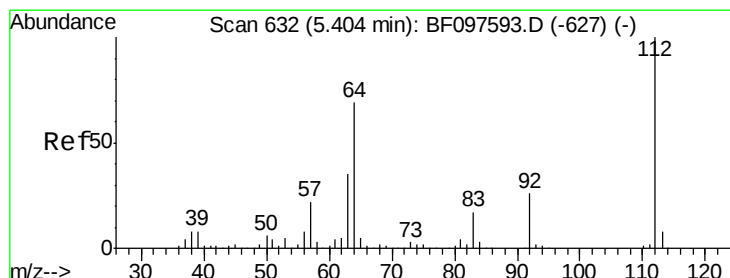
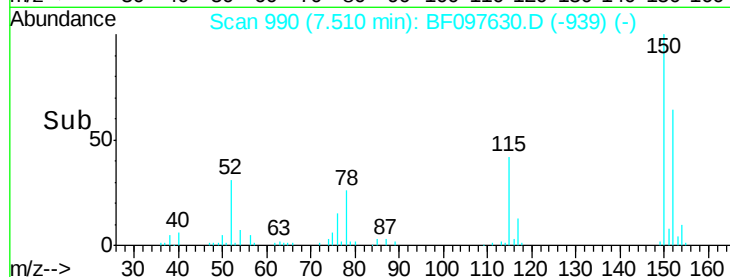
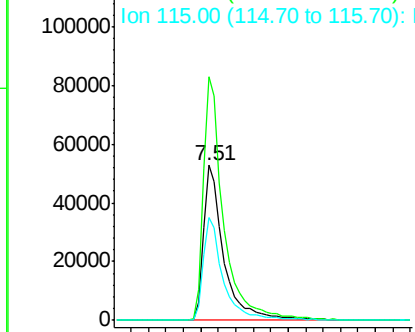
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.51 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF097630.D
 Acq: 12 Aug 2017 10:24

Instrument :
 BNA_F
 ClientSampleId :
 OUTSIDE-FENCE

Tot Ion:152 Resp: 85342
 Ion Ratio Lower Upper
 152 100
 150 157.2 126.2 189.2
 115 66.8 52.2 78.2



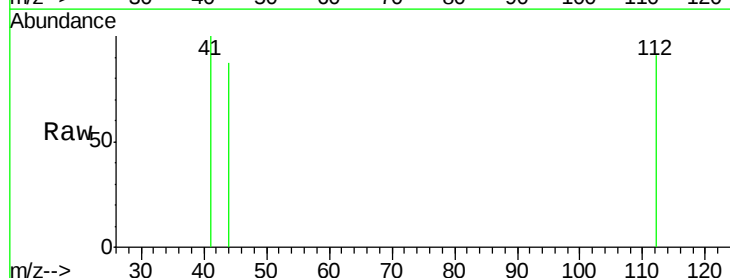
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



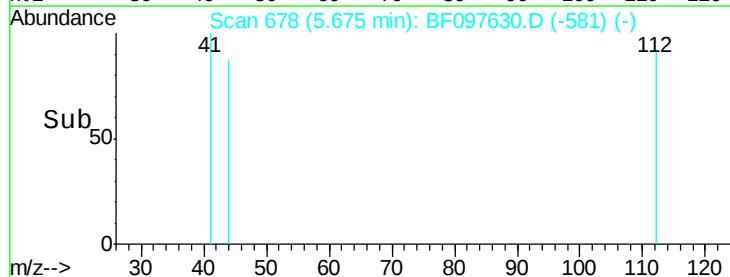
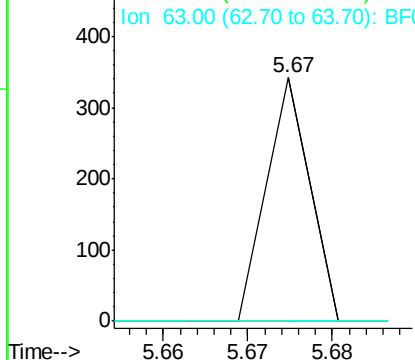
#5

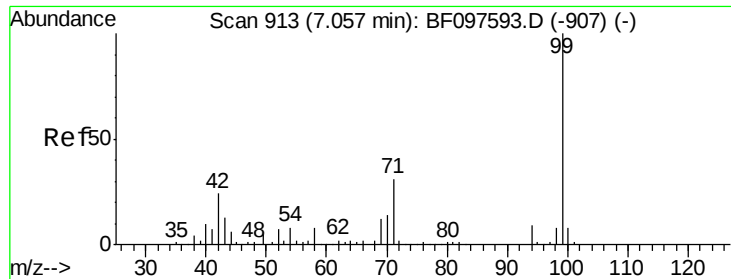
2-Fluorophenol
 Concen: 0.02 ng
 RT: 5.67 min Scan# 678
 Delta R.T. 0.27 min
 Lab File: BF097630.D
 Acq: 12 Aug 2017 10:24

Tgt Ion:112 Resp: 121
 Ion Ratio Lower Upper
 112 100
 64 0.0 46.0 69.0#
 63 0.0 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: 0.92 ng

RT: 7.22 min Scan# 941

Delta R.T. 0.16 min

Lab File: BF097630.D

Acq: 12 Aug 2017 10:24

Instrument :

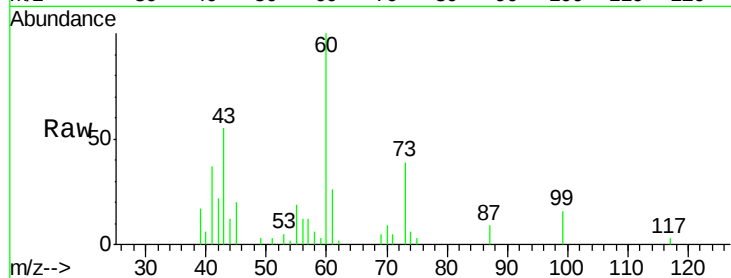
BNA_F

ClientSampleId :

OUTSIDE-FENCE

Tot Ion: 99 Resp: 6127

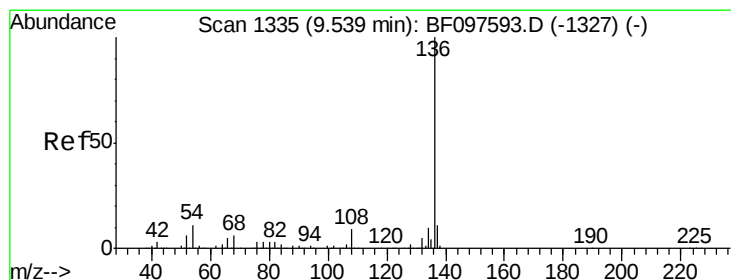
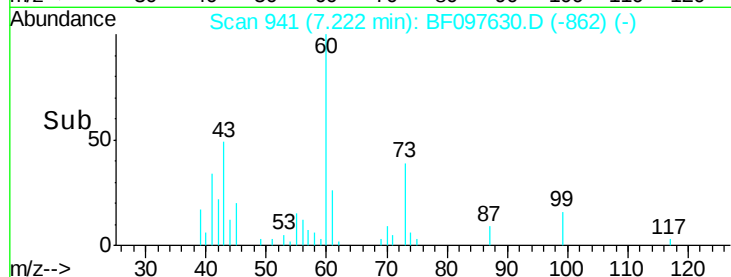
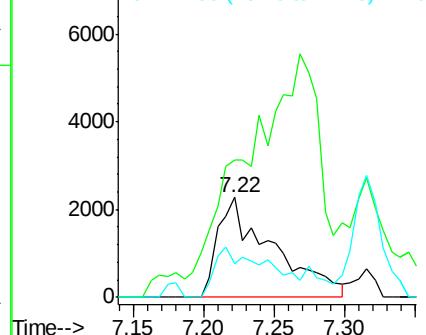
Ion	Ratio	Lower	Upper
99	100		
42	137.3	13.5	20.3#
71	33.2	24.5	36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.54 min Scan# 1335

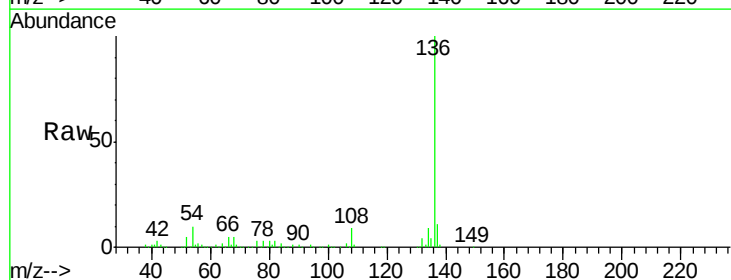
Delta R.T. -0.00 min

Lab File: BF097630.D

Acq: 12 Aug 2017 10:24

Tgt Ion: 136 Resp: 349268

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.4	4.9	7.3#
68	5.3	4.1	6.1

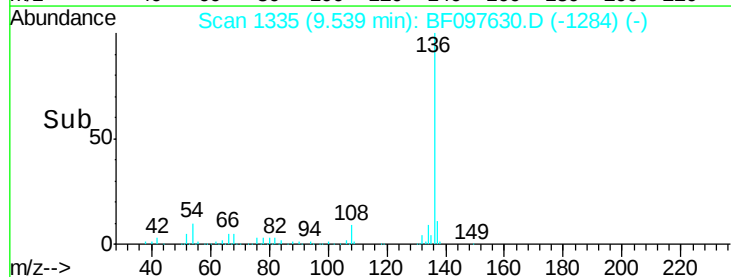
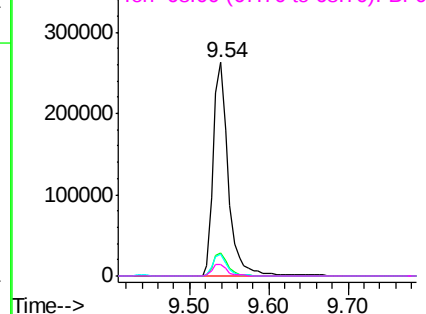


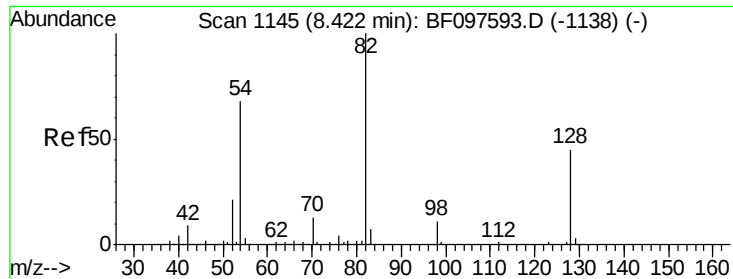
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

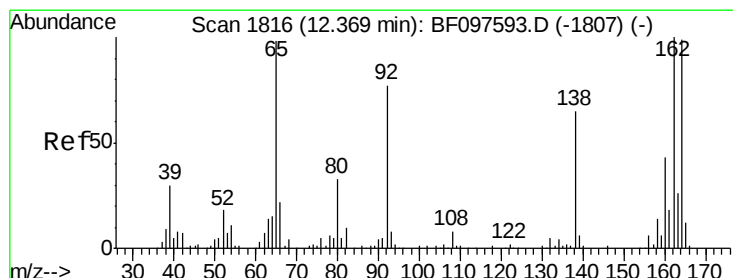
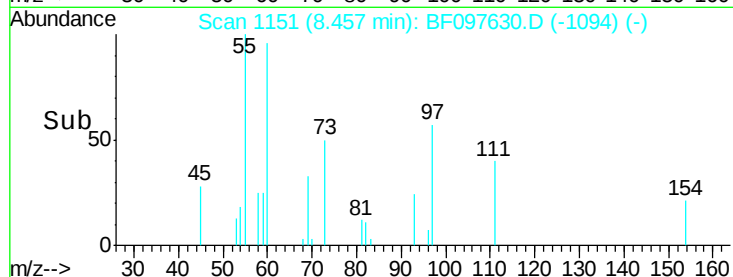
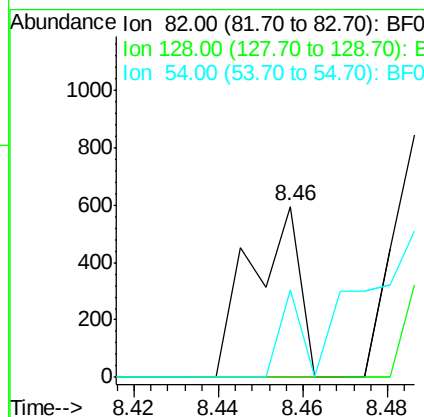
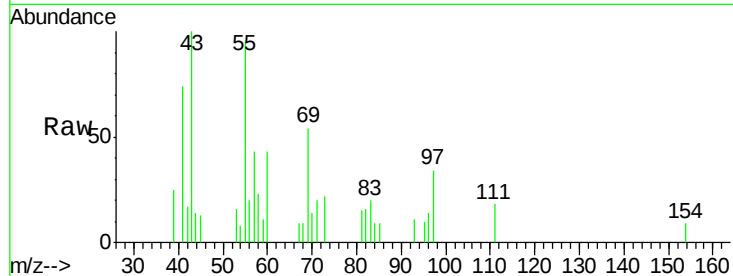




#23
Nitrobenzene-d5
Concen: 0.09 ng
RT: 8.46 min Scan# 1151
Delta R.T. 0.04 min
Lab File: BF097630.D
Acq: 12 Aug 2017 10:24

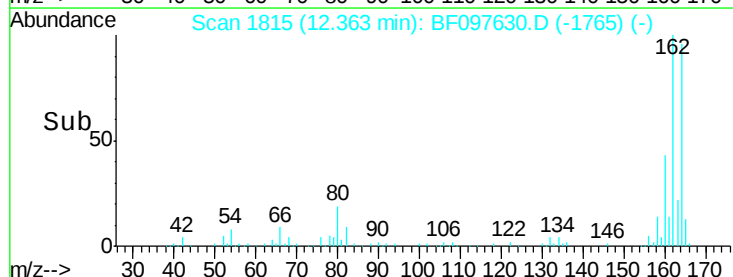
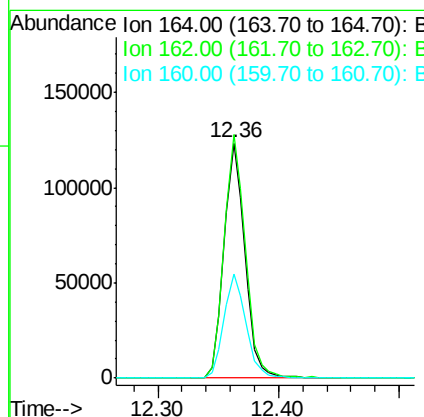
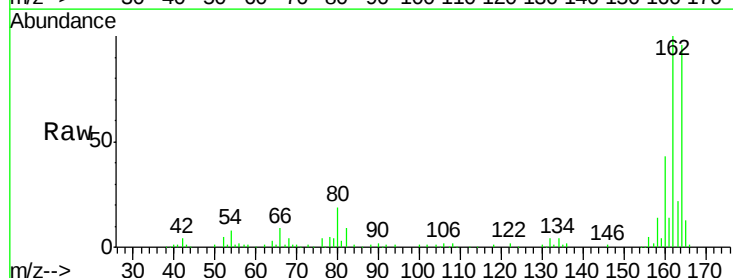
Instrument :
BNA_F
ClientSampleId :
OUTSIDE-FENCE

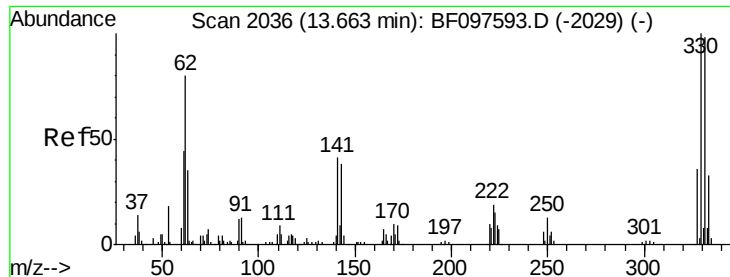
Tot Ion: 82 Resp: 479
Ion Ratio Lower Upper
82 100
128 0.0 34.0 51.0#
54 51.1 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.36 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF097630.D
Acq: 12 Aug 2017 10:24

Tgt Ion:164 Resp: 147617
Ion Ratio Lower Upper
164 100
162 103.8 82.6 123.8
160 44.2 36.2 54.2

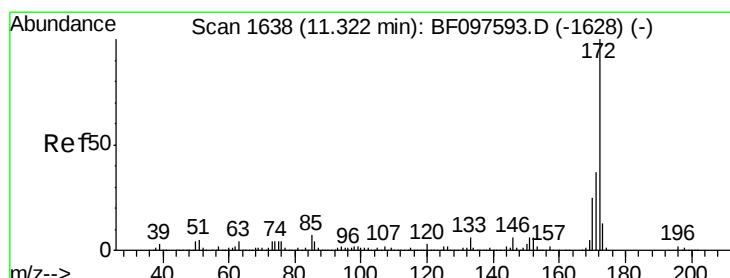
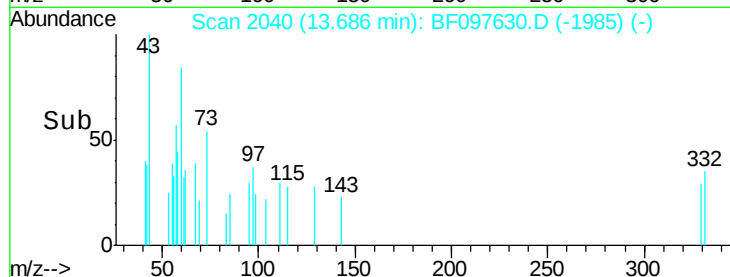
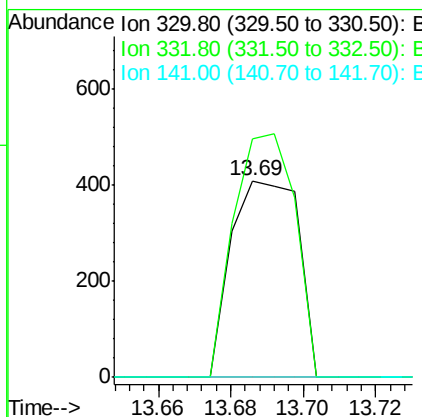
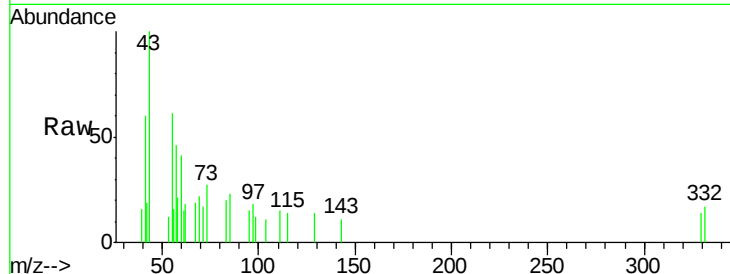




#41
 2,4,6-Tribromophenol
 Concen: 0.47 ng
 RT: 13.69 min Scan# 2040
 Delta R.T. 0.02 min
 Lab File: BF097630.D
 Acq: 12 Aug 2017 10:24

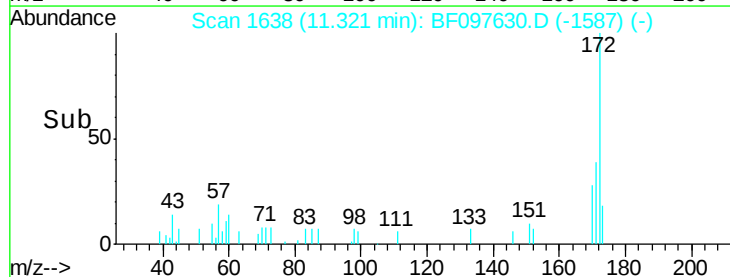
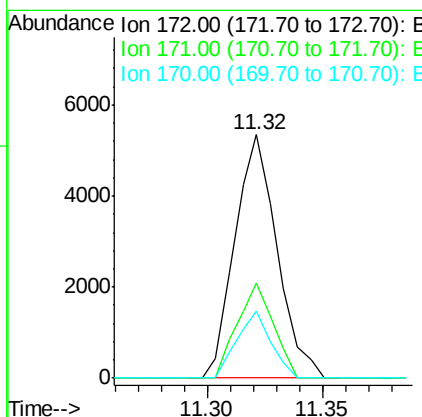
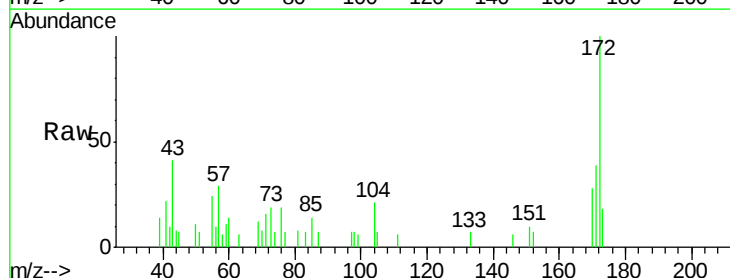
Instrument :
 BNA_F
 ClientSampleId :
 OUTSIDE-FENCE

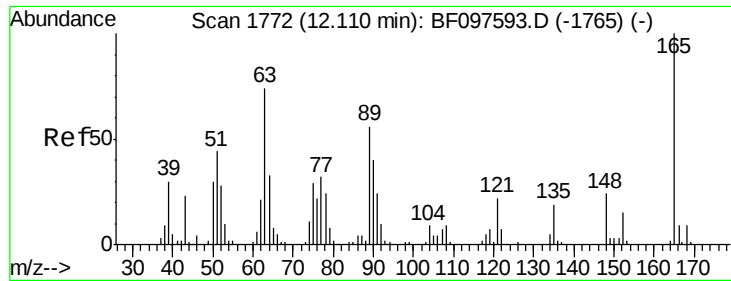
Tot Ion:330 Resp: 529
 Ion Ratio Lower Upper
 330 100
 332 113.4 76.6 115.0
 141 0.0 31.4 47.2#



#44
 2-Fluorobiphenyl
 Concen: 0.69 ng
 RT: 11.32 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: BF097630.D
 Acq: 12 Aug 2017 10:24

Tgt Ion:172 Resp: 6790
 Ion Ratio Lower Upper
 172 100
 171 39.1 29.6 44.4
 170 27.7 19.8 29.8

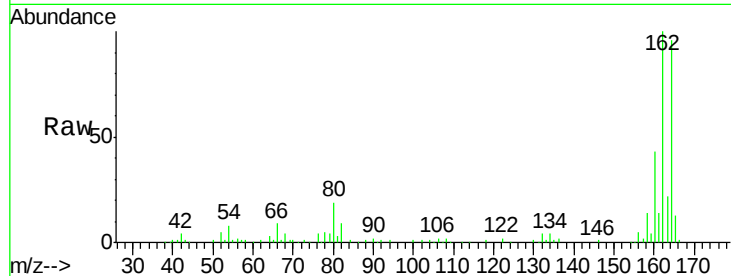




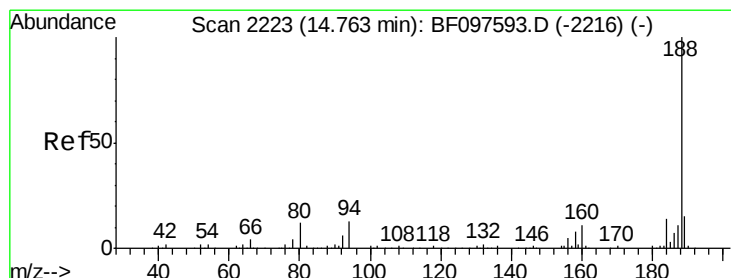
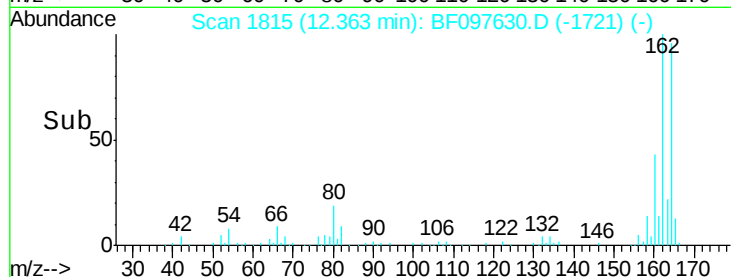
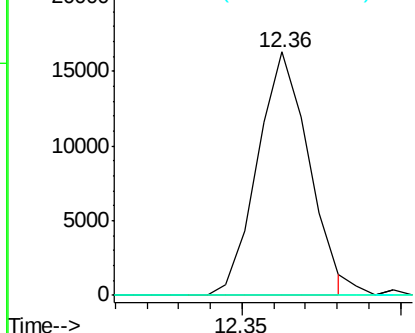
#50
 2,6-Dinitrotoluene
 Concen: 7.79 ng
 RT: 12.36 min Scan# 1815
 Delta R.T. 0.25 min
 Lab File: BF097630.D
 Acq: 12 Aug 2017 10:24

Instrument :
 BNA_F
 ClientSampleId :
 OUTSIDE-FENCE

Tot Ion:165 Resp: 18301
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

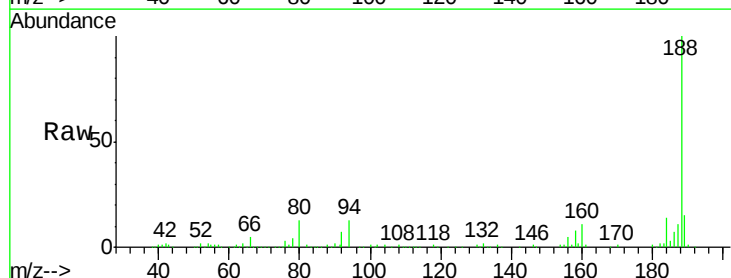


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

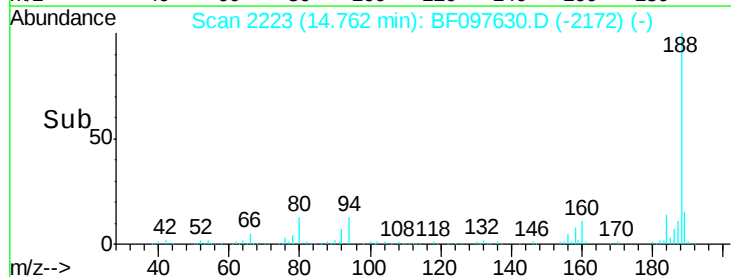
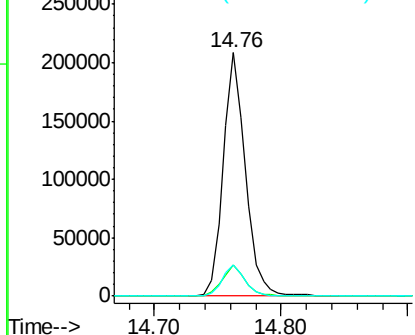


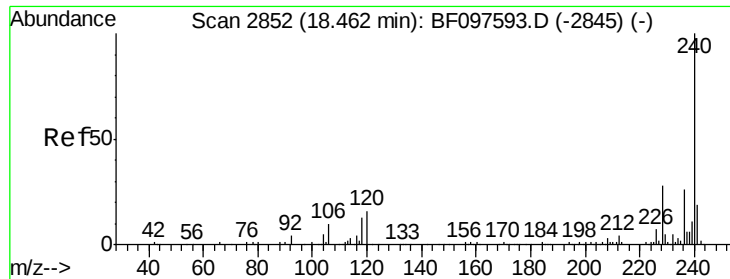
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: BF097630.D
 Acq: 12 Aug 2017 10:24

Tgt Ion:188 Resp: 252203
 Ion Ratio Lower Upper
 188 100
 94 12.8 9.4 14.2
 80 12.7 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

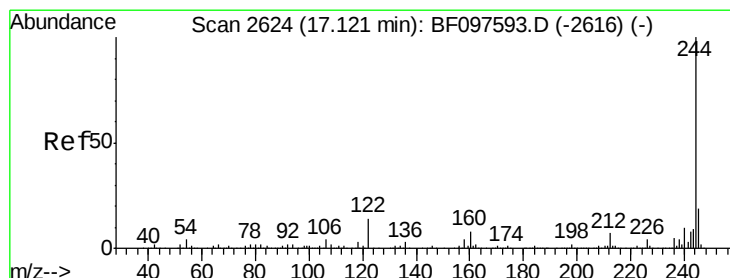
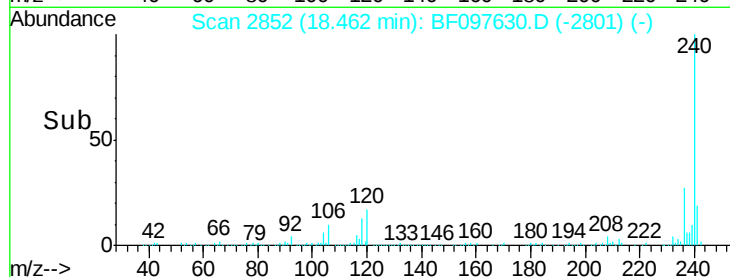
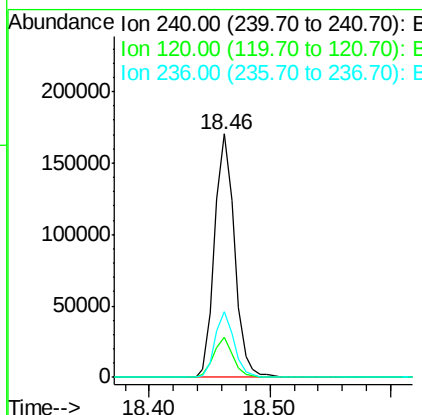
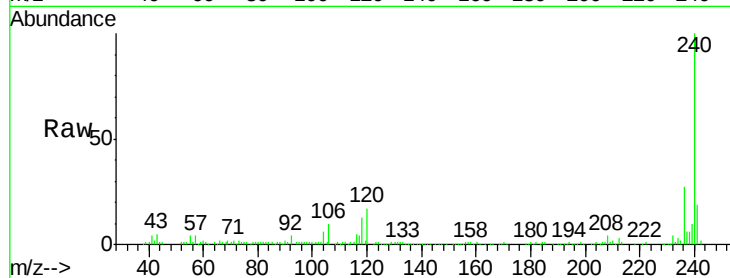




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.46 min Scan# 2852
 Delta R.T. -0.00 min
 Lab File: BF097630.D
 Acq: 12 Aug 2017 10:24

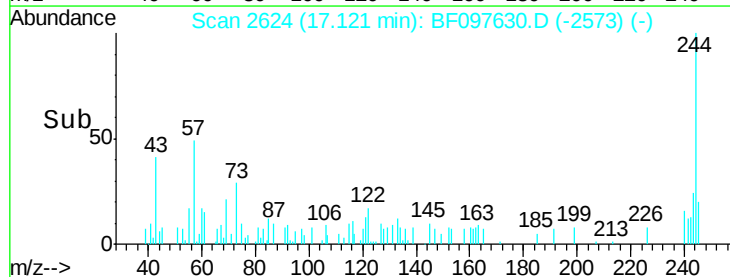
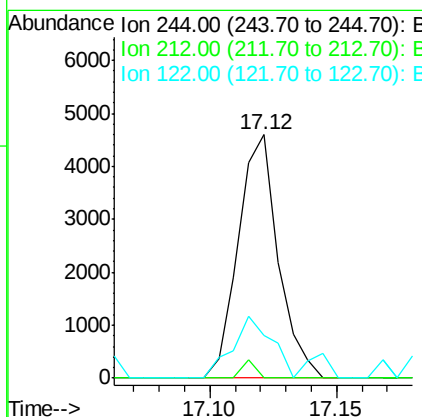
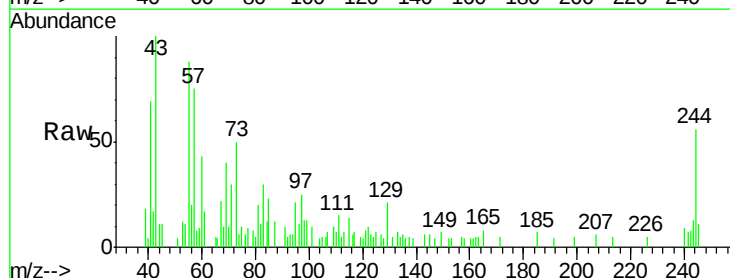
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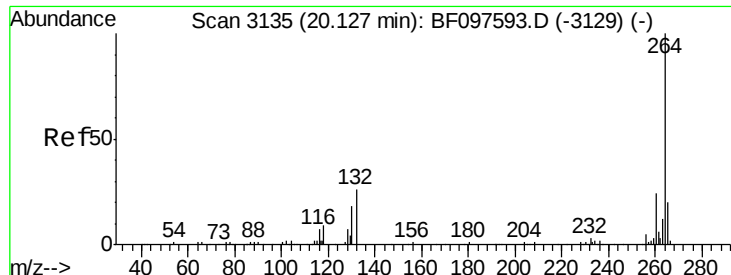
Tot Ion:240 Resp: 193151
 Ion Ratio Lower Upper
 240 100
 120 16.5 5.8 8.8#
 236 26.8 20.5 30.7



#78
 Terphenyl-d14
 Concen: 0.54 ng
 RT: 17.12 min Scan# 2624
 Delta R.T. -0.00 min
 Lab File: BF097630.D
 Acq: 12 Aug 2017 10:24

Tgt Ion:244 Resp: 5046
 Ion Ratio Lower Upper
 244 100
 212 0.0 6.0 9.0#
 122 17.4 10.3 15.5#

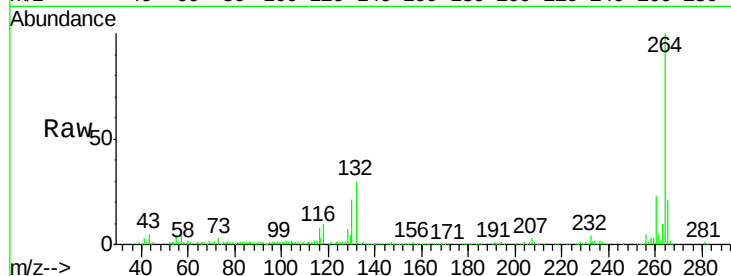




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.13 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BF097630.D
 Acq: 12 Aug 2017 10:24

Instrument :
 BNA_F
 ClientSampleId :
 OUTSIDE-FENCE

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	21.5	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 200000
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

