

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
 Data File : BF097731.D
 Acq On : 16 Aug 2017 10:36
 Operator : SJ/JU
 Sample : I4703-04
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-G9-SSW

Quant Time: Aug 16 12:20:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

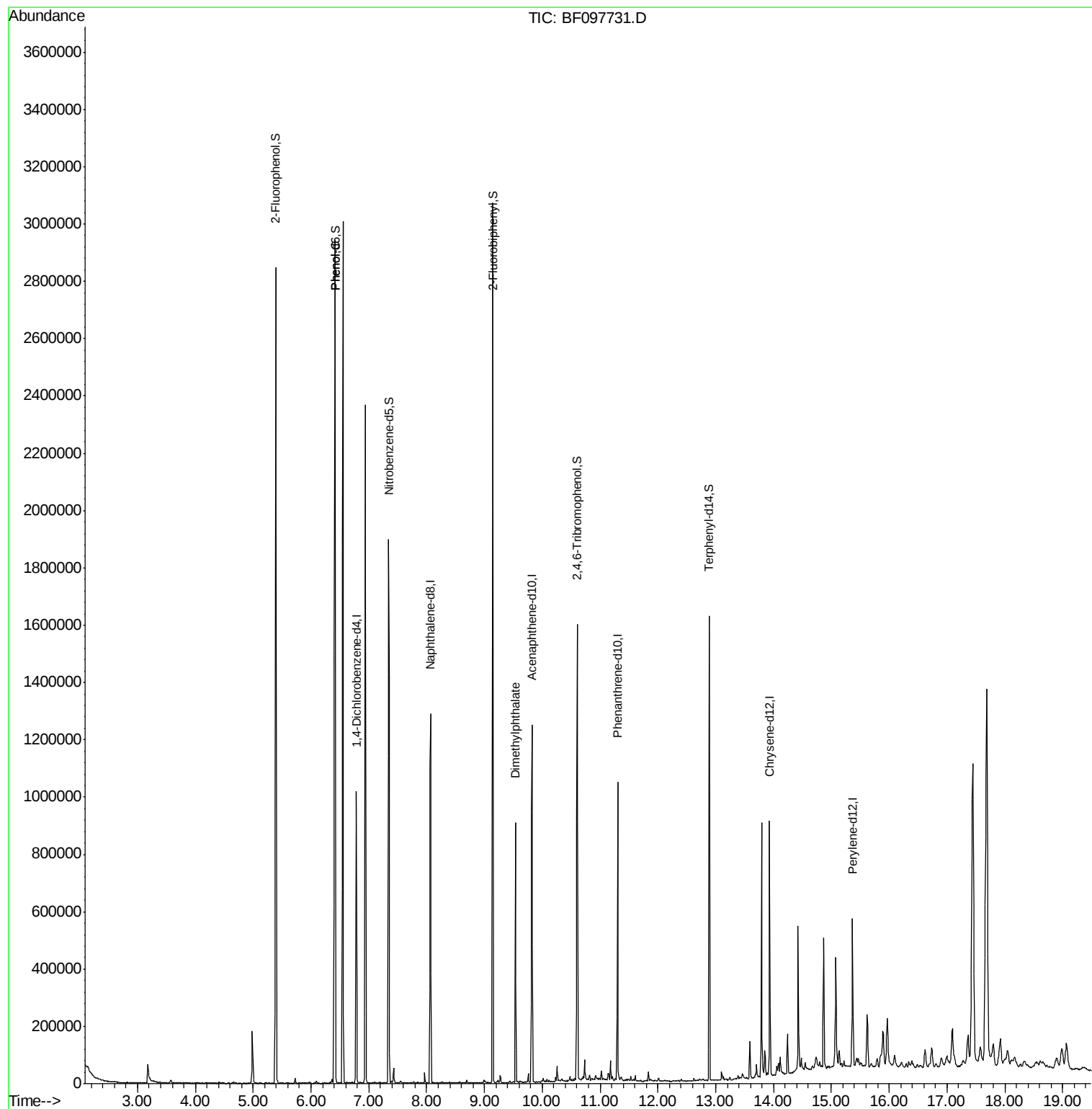
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	136462	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	526081	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	212918	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	337128	20.00	ng	0.00
75) Chrysene-d12	13.93	240	295746	20.00	ng	0.00
86) Perylene-d12	15.37	264	223231	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	827715	92.26	ng	0.00
7) Phenol-d6	6.42	99	1090295	89.44	ng	0.00
23) Nitrobenzene-d5	7.35	82	666960	68.87	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	154033	83.38	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	826976	57.06	ng	0.00
78) Terphenyl-d14	12.89	244	490441	34.58	ng	0.00
Target Compounds						
10) Phenol	6.42	94	40859	2.866	ng	94
49) Dimethylphthalate	9.54	163	280766	18.040	ng	99

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

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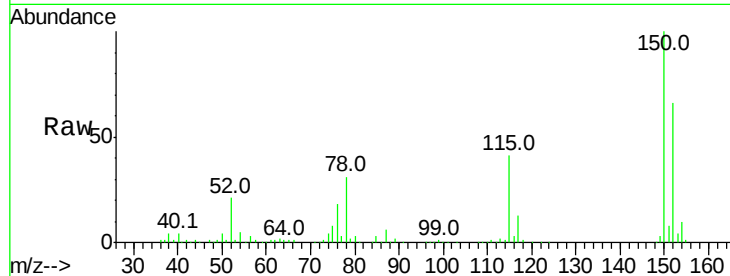


#1

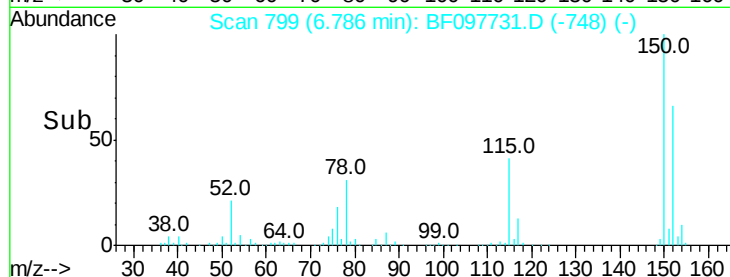
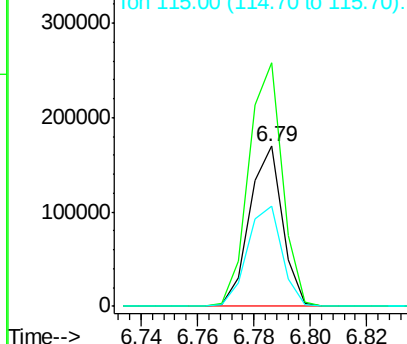
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF097731.D
 Acq: 16 Aug 2017 10:36

Instrument :
 BNA_F
 ClientSampleId :
 E2-G9-SSW

Tot Ion:152 Resp: 136462
 Ion Ratio Lower Upper
 152 100
 150 152.0 126.2 189.2
 115 62.5 52.2 78.2



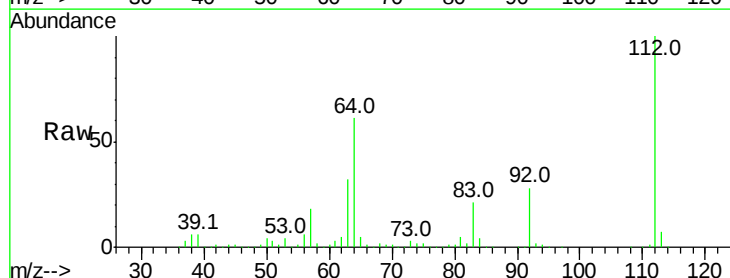
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



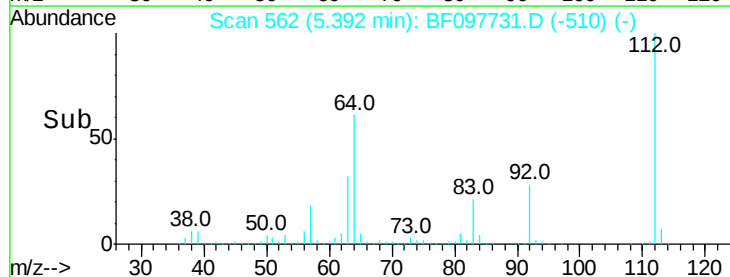
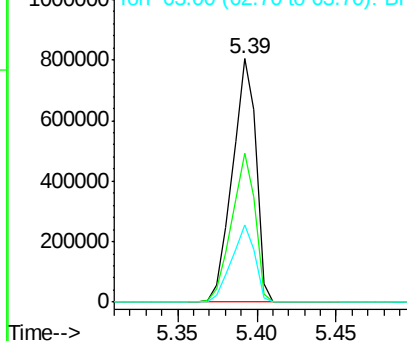
#5

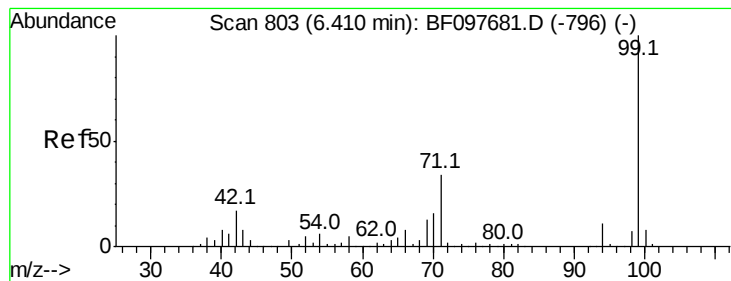
2-Fluorophenol
 Concen: 92.261 ng
 RT: 5.39 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: BF097731.D
 Acq: 16 Aug 2017 10:36

Tgt Ion:112 Resp: 827715
 Ion Ratio Lower Upper
 112 100
 64 61.0 46.0 69.0
 63 31.5 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: 89.445 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF097731.D

Acq: 16 Aug 2017 10:36

Instrument :

BNA_F

ClientSampleId :

E2-G9-SSW

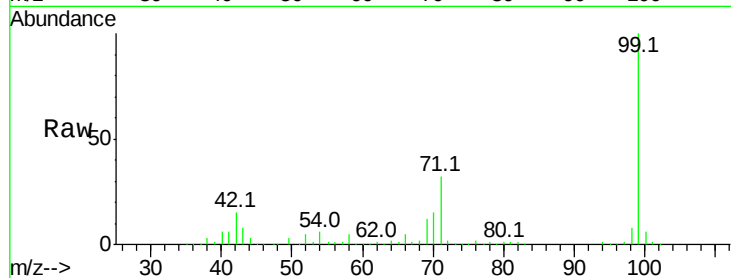
Tot Ion: 99 Resp: 1090295

Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.5	20.3
71	32.3	24.5	36.7

99 100

42 15.2 13.5 20.3

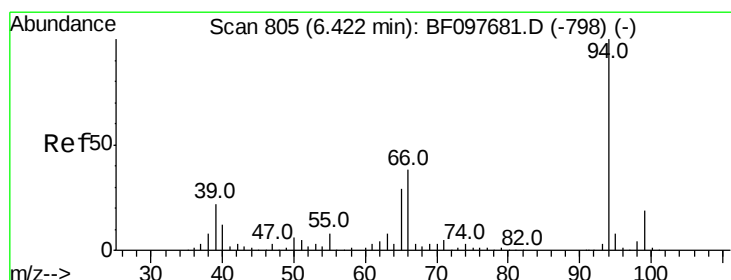
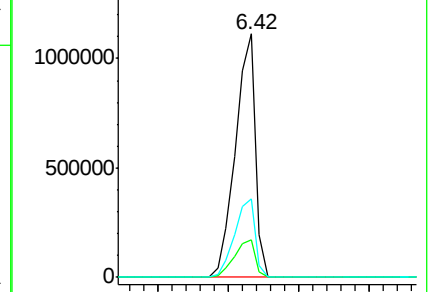
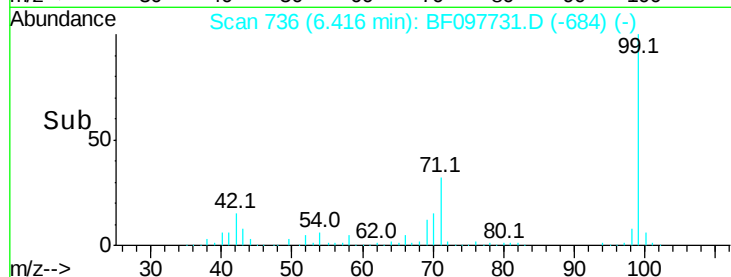
71 32.3 24.5 36.7



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



#10

Phenol

Concen: 2.866 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF097731.D

Acq: 16 Aug 2017 10:36

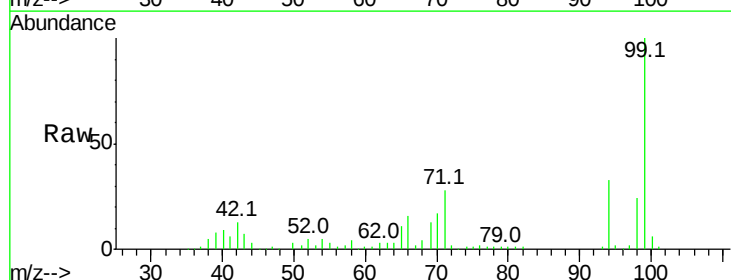
Tgt Ion: 94 Resp: 40859

Ion	Ratio	Lower	Upper
94	100		
65	31.5	9.9	49.9
66	48.3	23.1	63.1

94 100

65 31.5 9.9 49.9

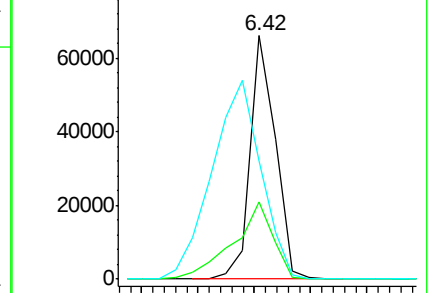
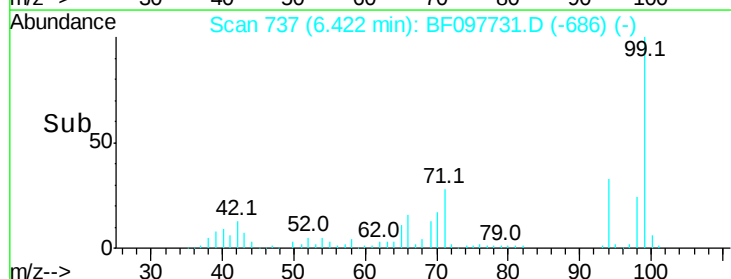
66 48.3 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

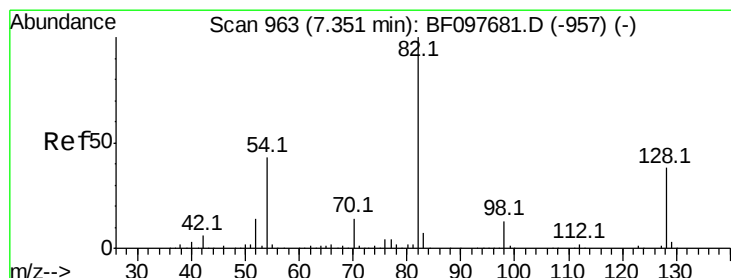
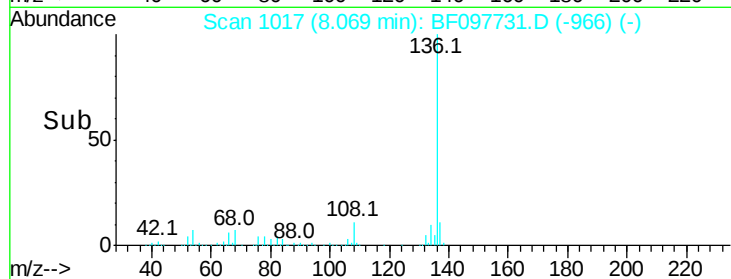
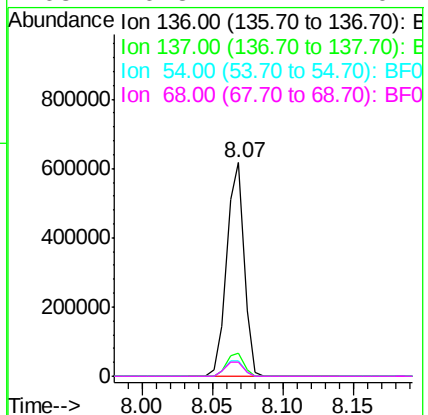
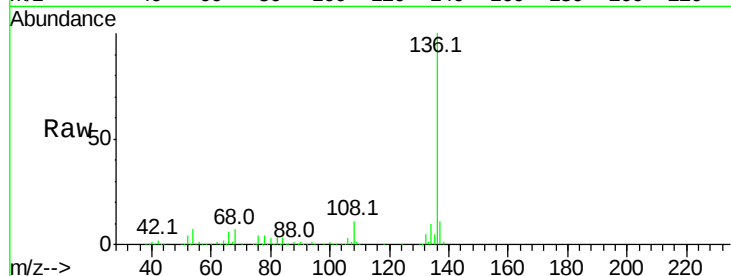




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF097731.D
Acq: 16 Aug 2017 10:36

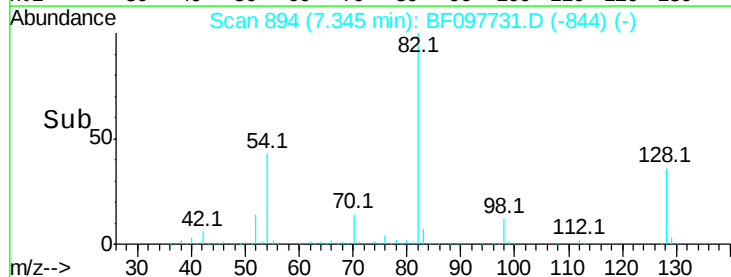
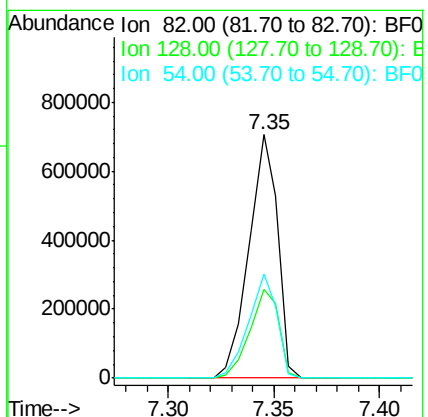
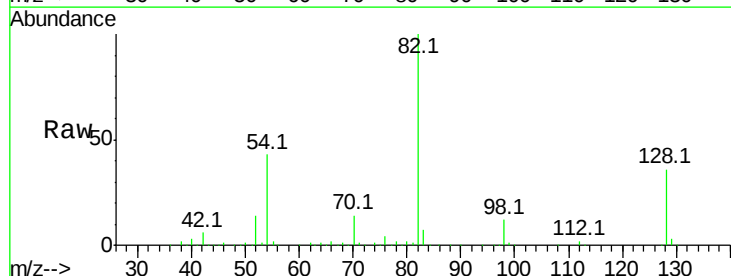
Instrument :
BNA_F
ClientSampleId :
E2-G9-SSW

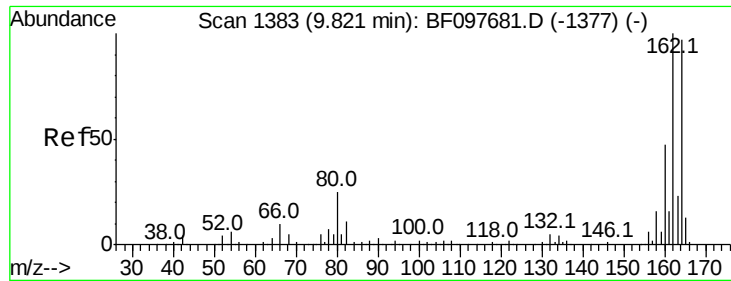
Tot Ion:136	Resp:	526081
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.5	12.7
54 7.3	4.9	7.3
68 6.8	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 68.872 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF097731.D
Acq: 16 Aug 2017 10:36

Tgt Ion: 82	Resp:	666960
Ion Ratio	Lower	Upper
82 100		
128 36.5	34.0	51.0
54 42.7	42.2	63.2

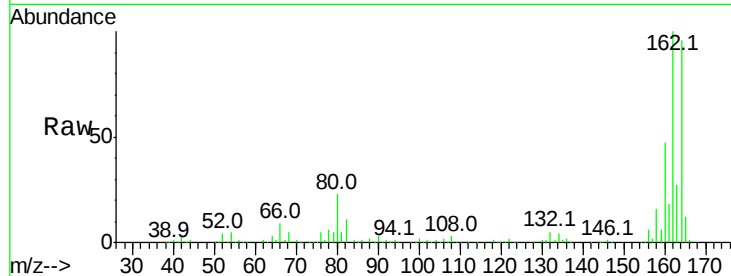




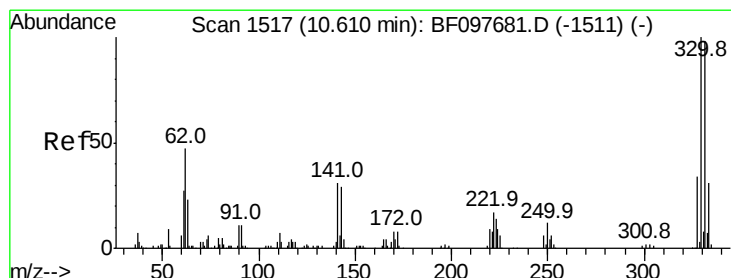
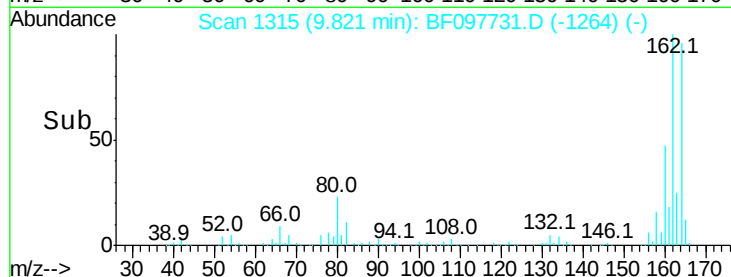
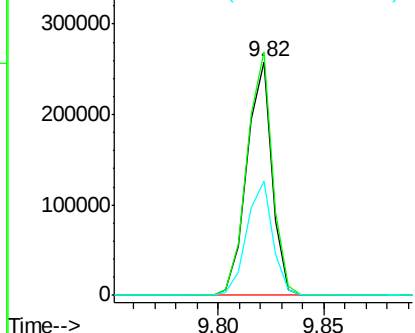
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: BF097731.D
 Acq: 16 Aug 2017 10:36

Instrument :
 BNA_F
 ClientSampleId :
 E2-G9-SSW

Tot Ion:164 Resp: 212918
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.6 123.8
 160 48.7 36.2 54.2

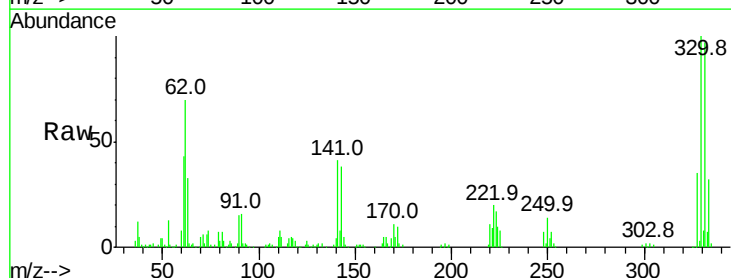


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

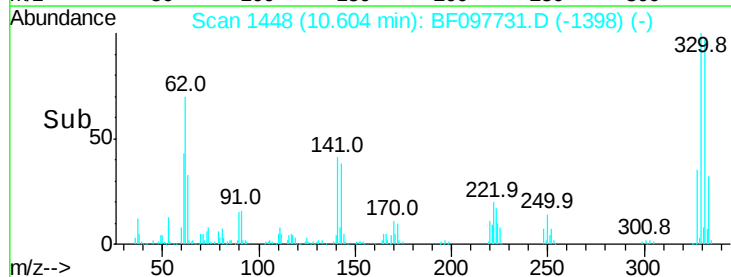
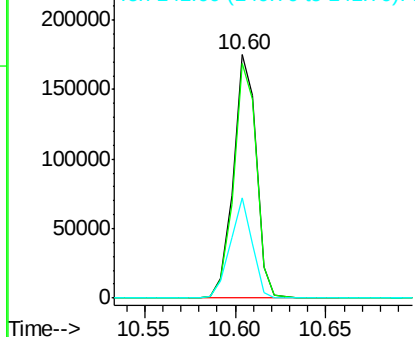


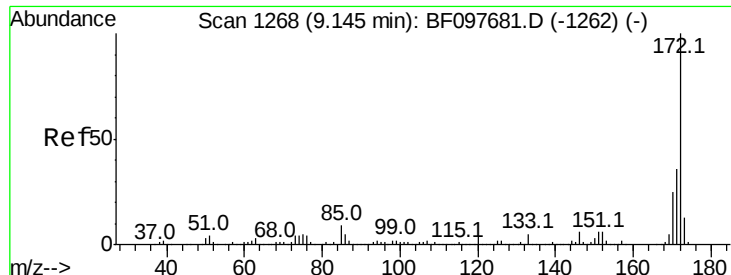
#41
 2,4,6-Tribromophenol
 Concen: 83.378 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF097731.D
 Acq: 16 Aug 2017 10:36

Tgt Ion:330 Resp: 154033
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 115.0
 141 39.7 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

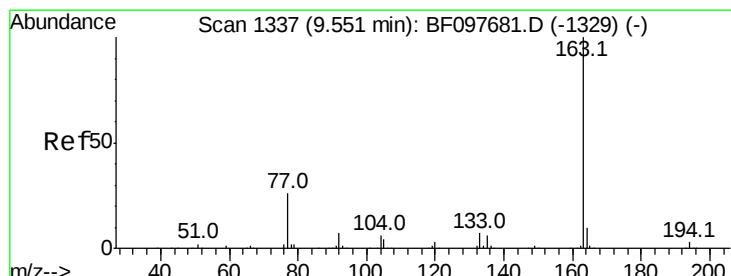
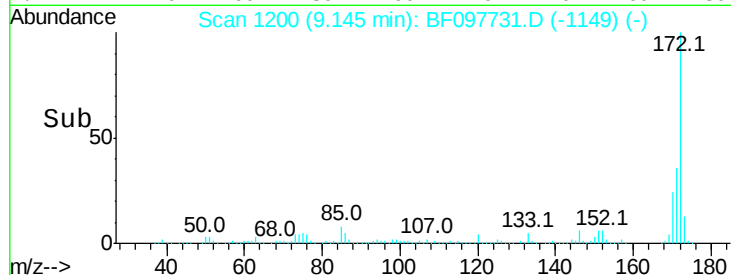
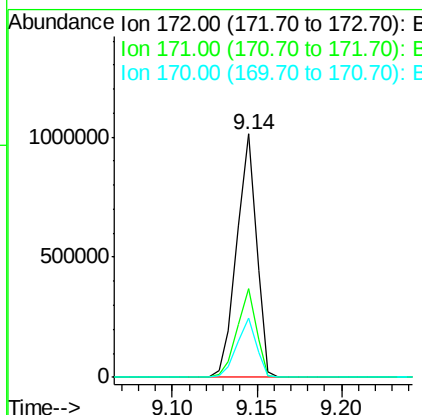
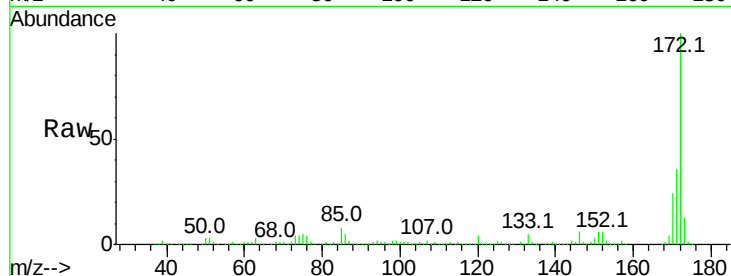




#44
 2-Fluorobiphenyl
 Concen: 57.064 ng
 RT: 9.14 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF097731.D
 Acq: 16 Aug 2017 10:36

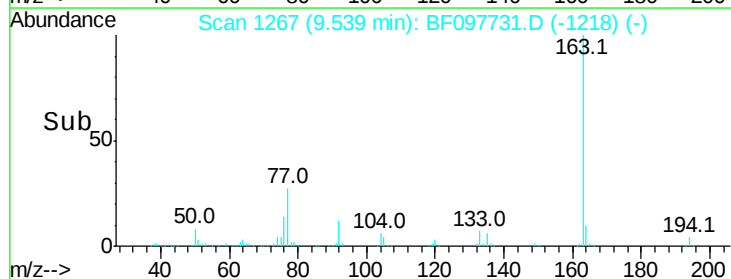
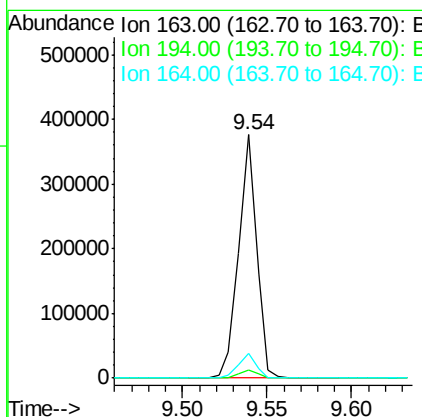
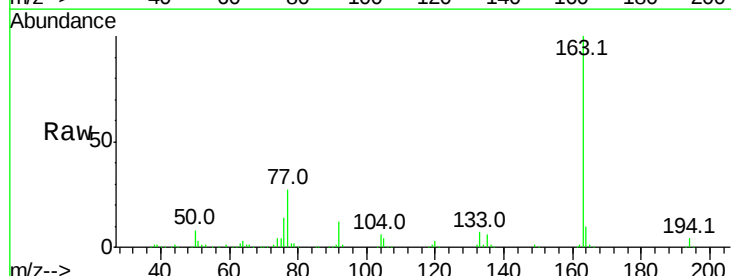
Instrument :
 BNA_F
 ClientSampleId :
 E2-G9-SSW

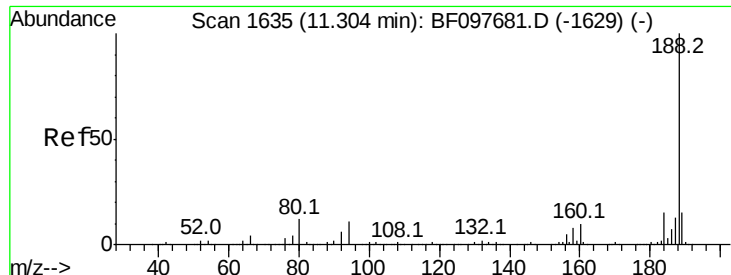
Tot Ion:172 Resp: 826976
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.4 19.8 29.8



#49
 Dimethylphthalate
 Concen: 18.040 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF097731.D
 Acq: 16 Aug 2017 10:36

Tgt Ion:163 Resp: 280766
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.6 4.0
 164 10.2 8.4 12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.00 min

Lab File: BF097731.D

Acq: 16 Aug 2017 10:36

Instrument :

BNA_F

ClientSampleId :

E2-G9-SSW

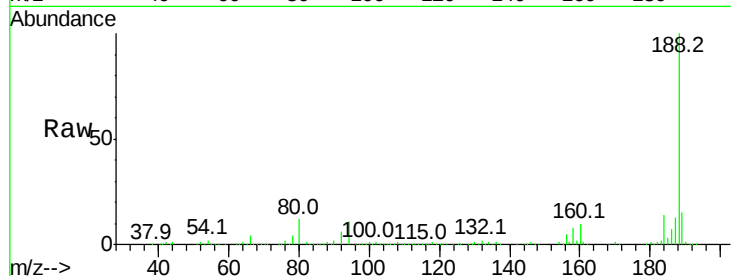
Tot Ion:188 Resp: 337128

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

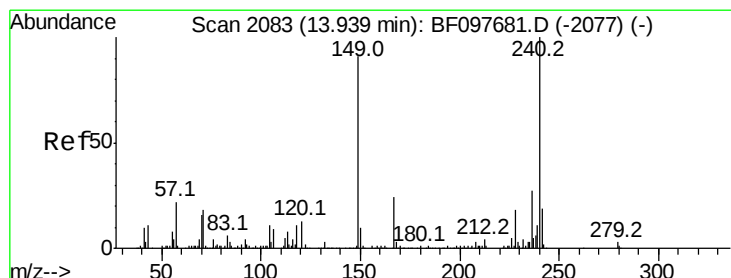
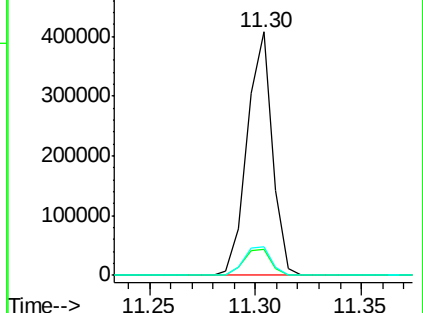
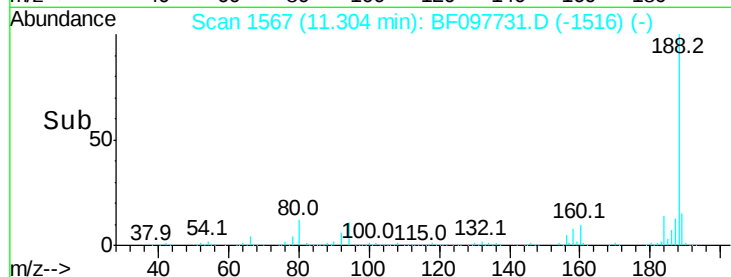
80 11.9 10.2 15.2



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: 20.000 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF097731.D

Acq: 16 Aug 2017 10:36

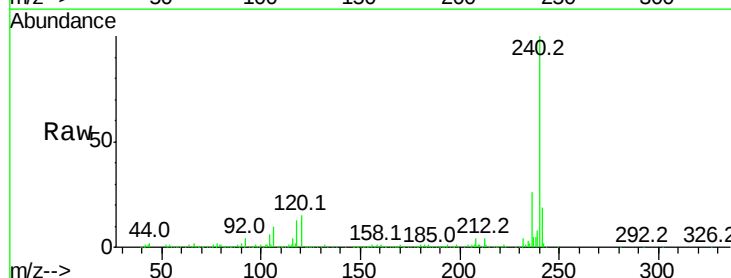
Tgt Ion:240 Resp: 295746

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

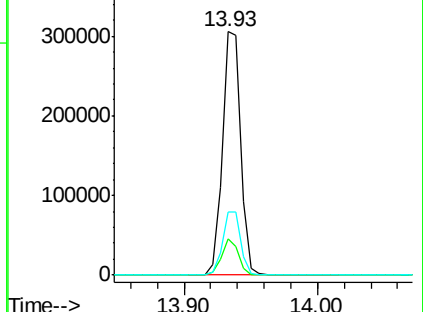
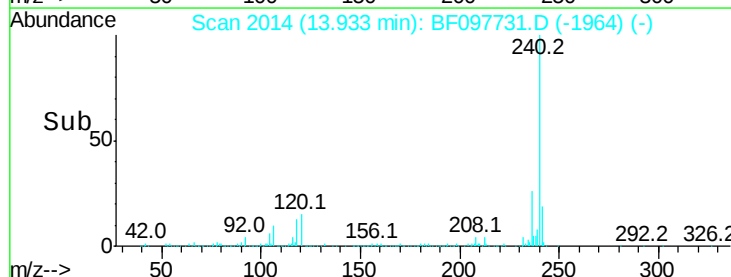
236 26.0 20.5 30.7

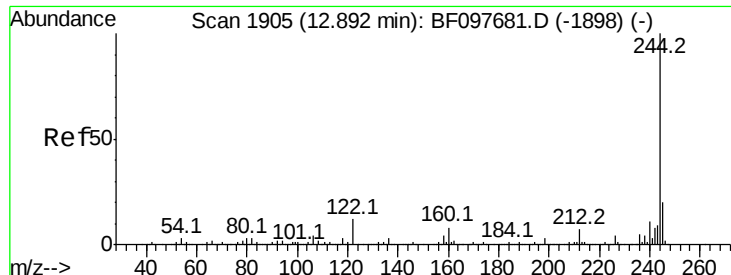


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 34.582 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BF097731.D

Acq: 16 Aug 2017 10:36

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ClientSampleId :

E2-G9-SSW

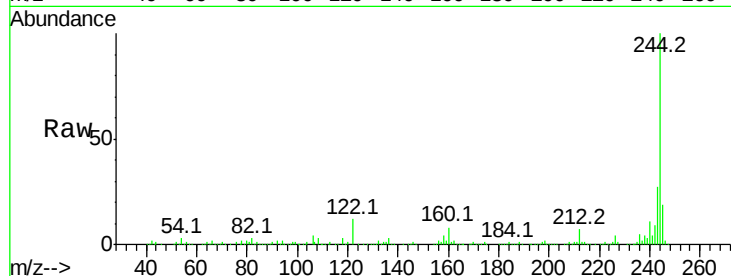
Tot Ion:244 Resp: 490441

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

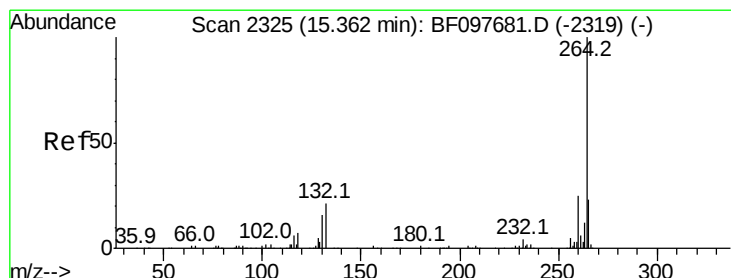
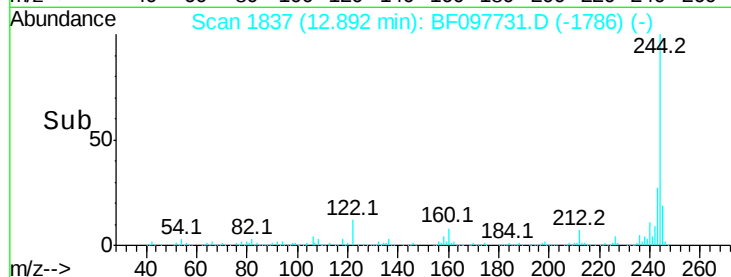
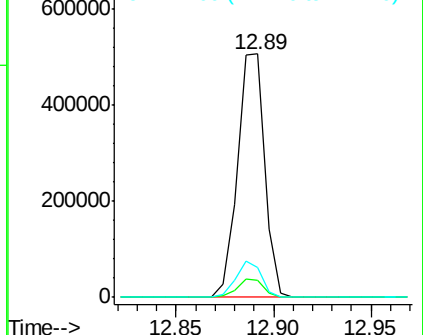
122 12.3 10.3 15.5



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: 15.37 min Scan# 2258

Delta R.T. 0.01 min

Lab File: BF097731.D

Acq: 16 Aug 2017 10:36

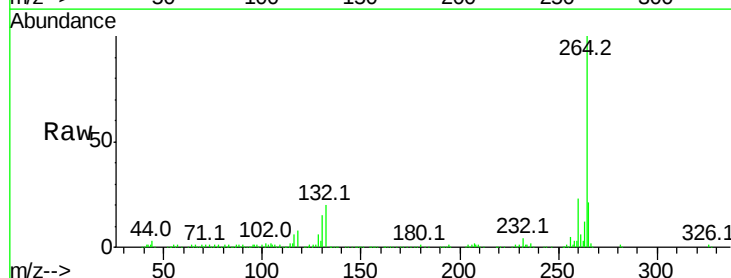
Tgt Ion:264 Resp: 223231

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 21.4 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

