

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
 Data File : BF092897.D
 Acq On : 10 Feb 2017 21:45
 Operator : SJ/MA
 Sample : I1769-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 9717

Quant Time: Feb 11 00:20:59 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 10 23:31:14 2017
 Response via : Initial Calibration

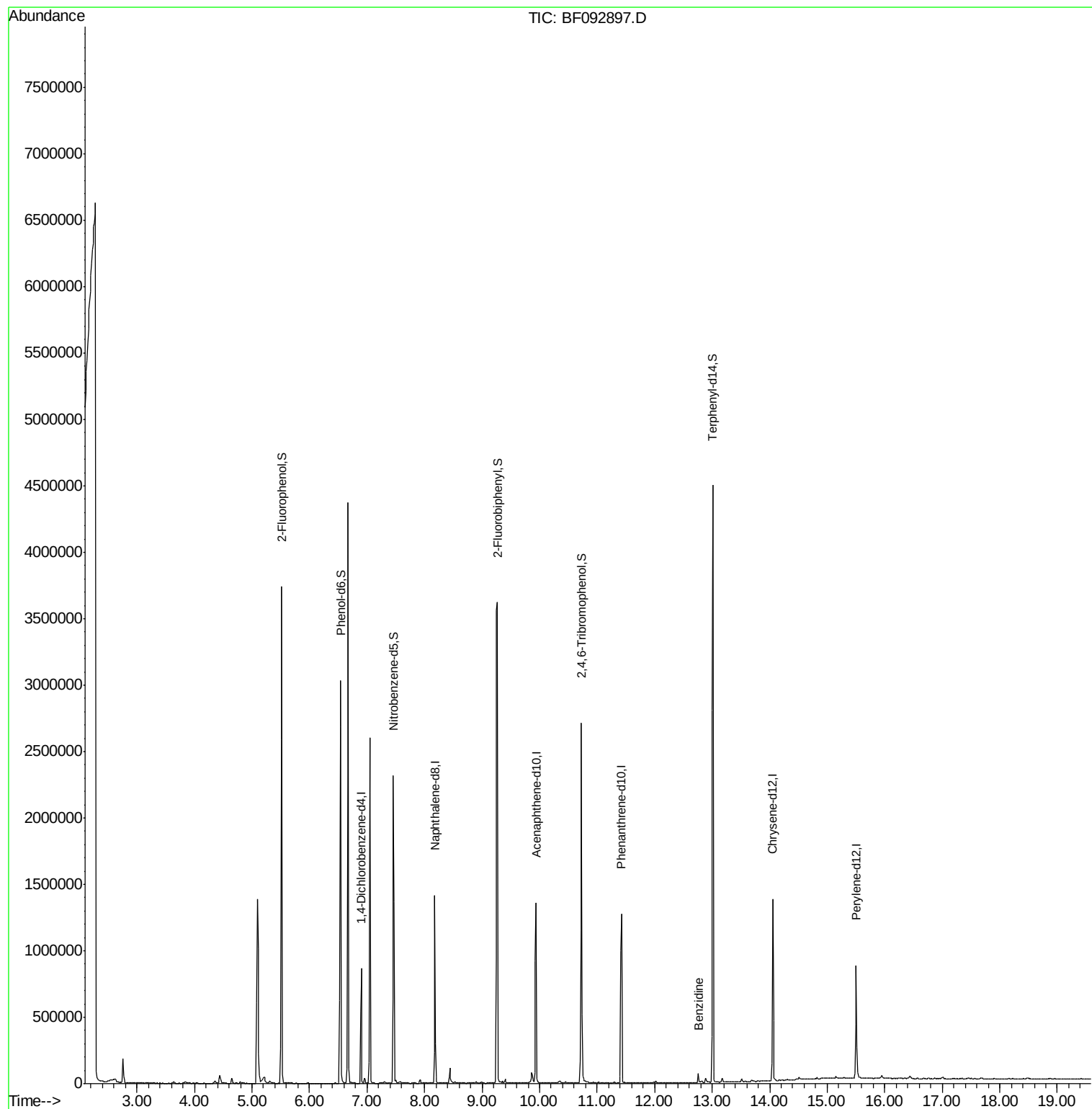
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	166568	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	662697	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	394958	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	658964	20.00	ng	0.00
75) Chrysene-d12	14.05	240	490329	20.00	ng	-0.01
86) Perylene-d12	15.51	264	381890	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1293373	133.22	ng	0.02
7) Phenol-d6	6.54	99	1584931	126.87	ng	0.01
23) Nitrobenzene-d5	7.46	82	1022249	85.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	382548	133.92	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	1975834	90.63	ng	0.00
78) Terphenyl-d14	13.01	244	1729697	82.89	ng	0.00
Target Compounds						
76) Benzidine	12.76	184	42076	2.01	ng	Qvalue # 95

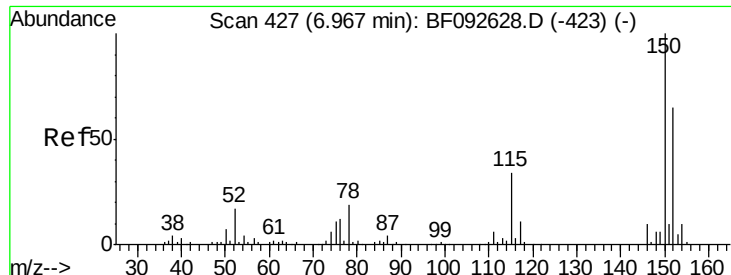
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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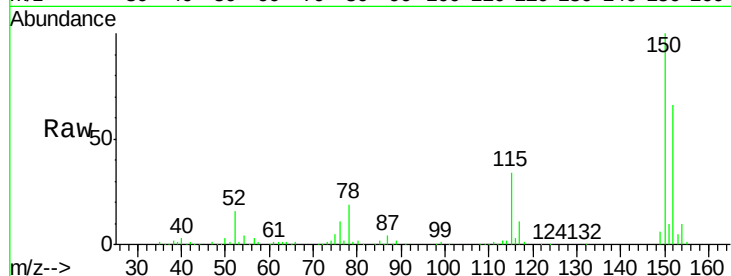


#1

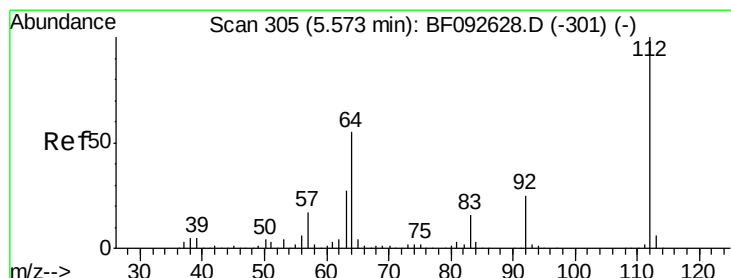
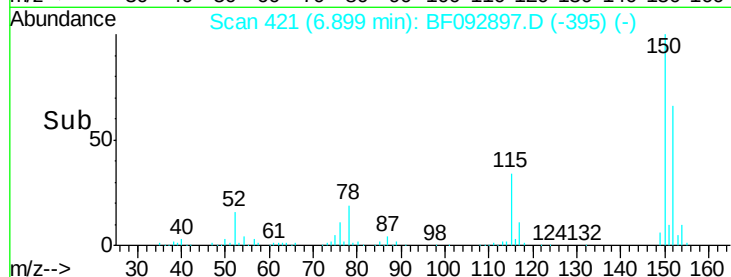
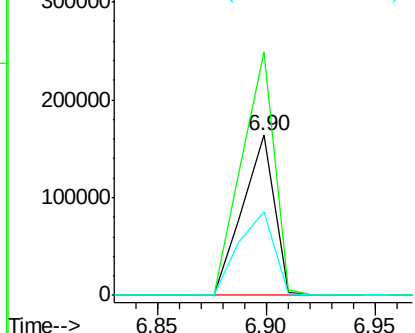
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF092897.D
Acq: 10 Feb 2017 21:45

Instrument :
BNA_F
ClientSampleId :
9717

Tgt Ion:152 Resp: 166568
Ion Ratio Lower Upper
152 100
150 152.2 124.9 187.3
115 52.3 46.0 69.0



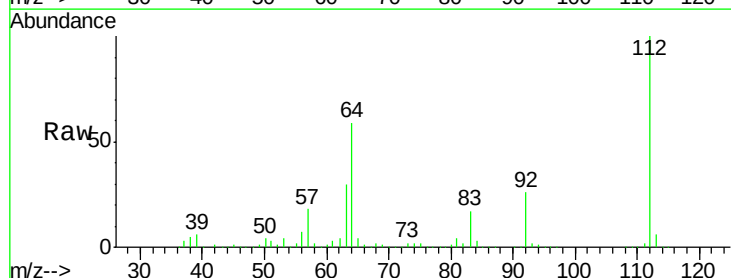
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



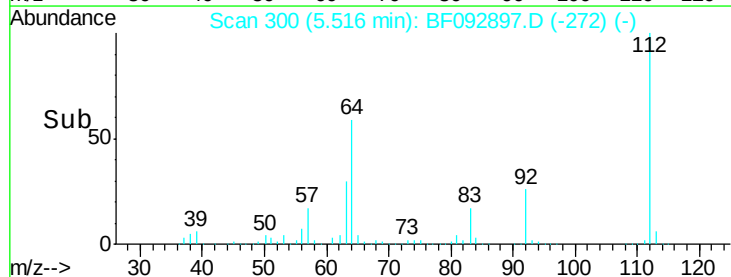
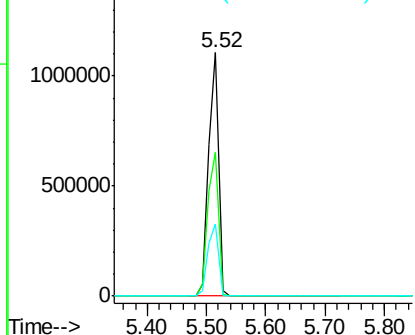
#5

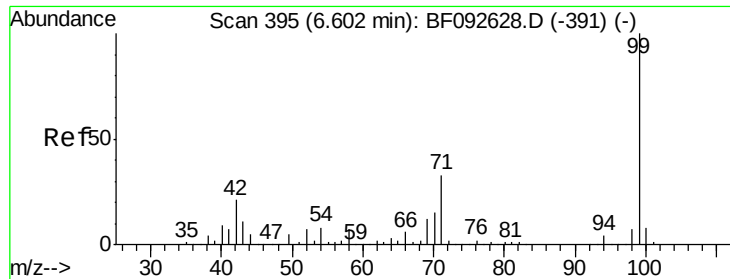
2-Fluorophenol
Concen: 133.22 ng
RT: 5.52 min Scan# 300
Delta R.T. 0.02 min
Lab File: BF092897.D
Acq: 10 Feb 2017 21:45

Tgt Ion:112 Resp: 1293373
Ion Ratio Lower Upper
112 100
64 59.1 46.1 69.1
63 29.5 23.8 35.6



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: 126.87 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF092897.D

Acq: 10 Feb 2017 21:45

Instrument :

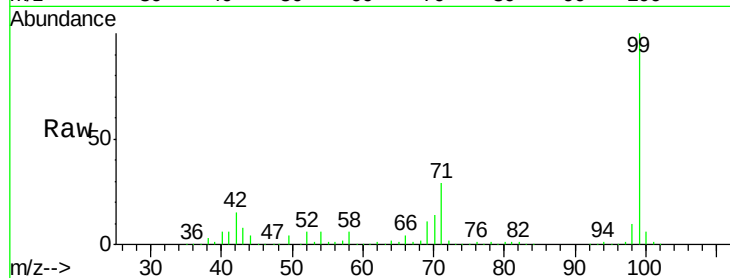
BNA_F

ClientSampleId :

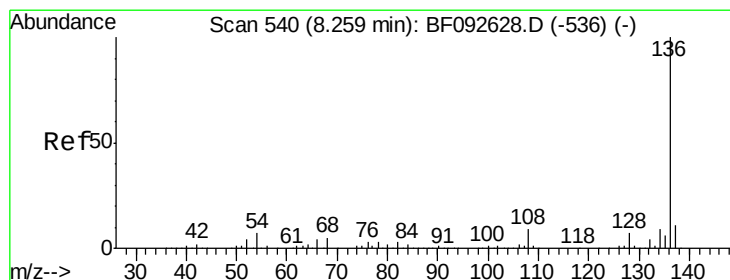
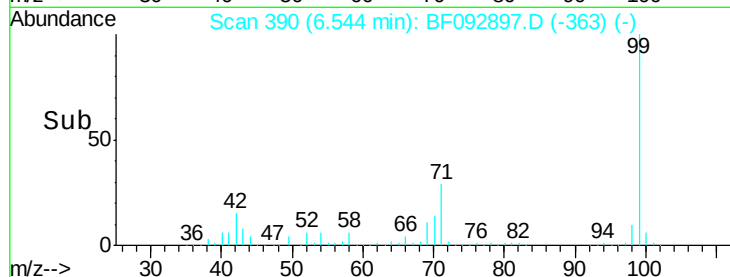
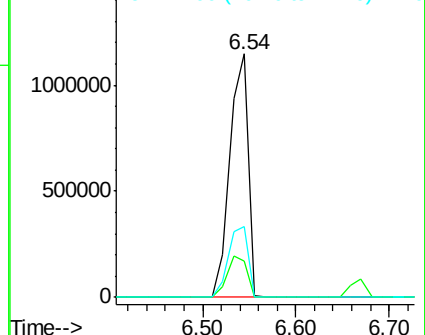
9717

Tgt Ion: 99 Resp: 1584931

Ion	Ratio	Lower	Upper
99	100		
42	15.0	15.6	23.4#
71	28.9	27.5	41.3



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: 8.18 min Scan# 533

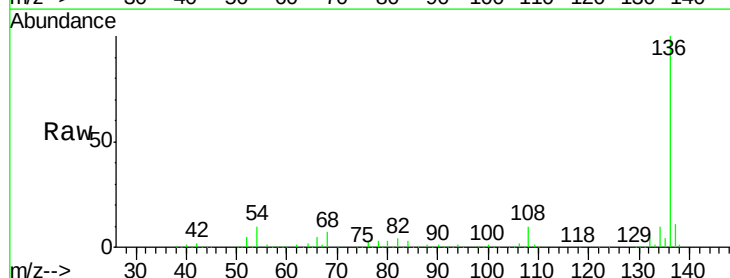
Delta R.T. -0.01 min

Lab File: BF092897.D

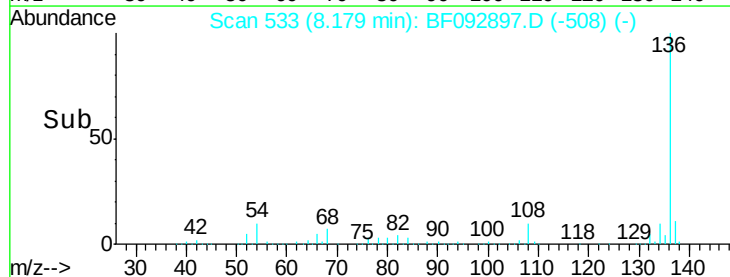
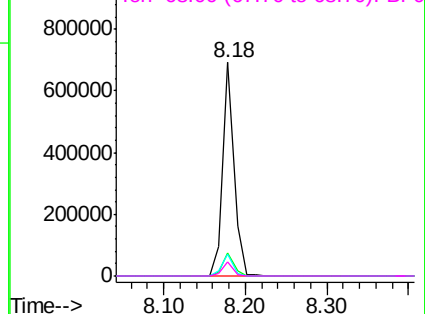
Acq: 10 Feb 2017 21:45

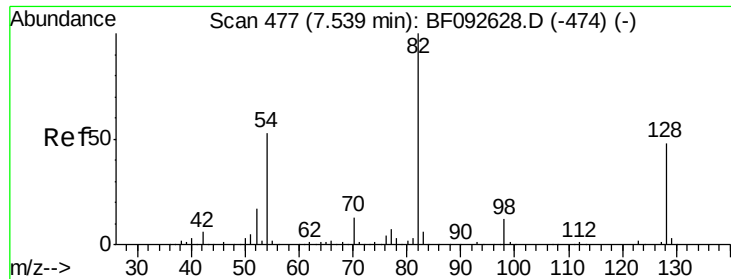
Tgt Ion: 136 Resp: 662697

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.1	4.5	6.7#
68	6.9	3.6	5.4#



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

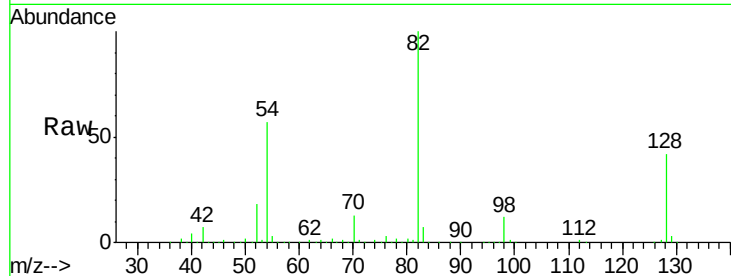




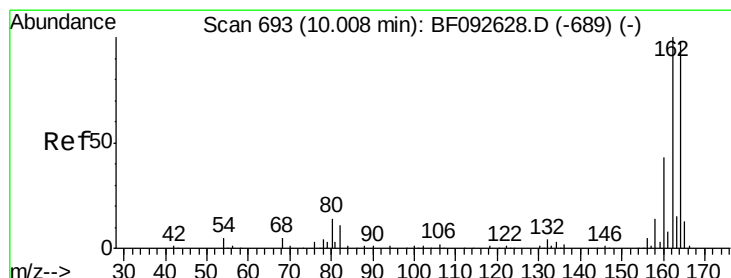
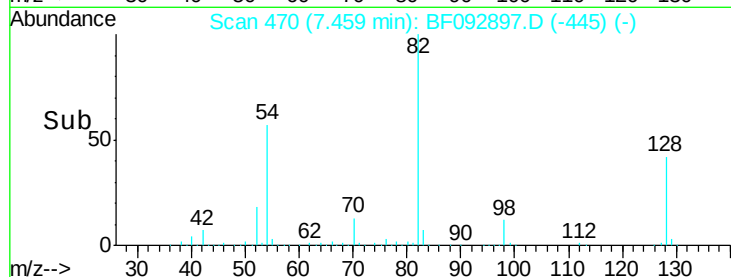
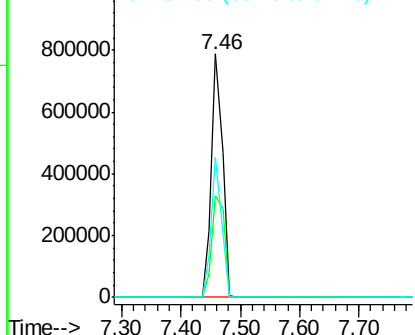
#23
 Nitrobenzene-d5
 Concen: 85.90 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF092897.D
 Acq: 10 Feb 2017 21:45

Instrument :
 BNA_F
 ClientSampled :
 9717

Tgt Ion: 82 Resp: 1022249
 Ion Ratio Lower Upper
 82 100
 128 41.7 34.6 52.0
 54 57.5 39.5 59.3

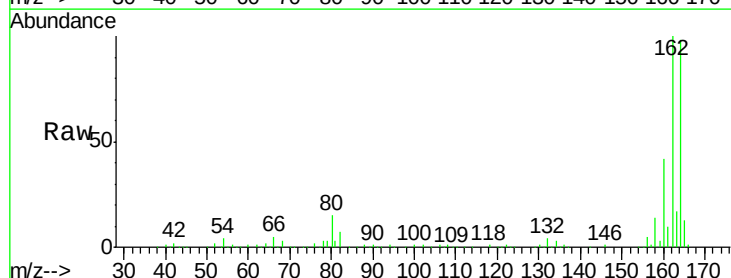


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

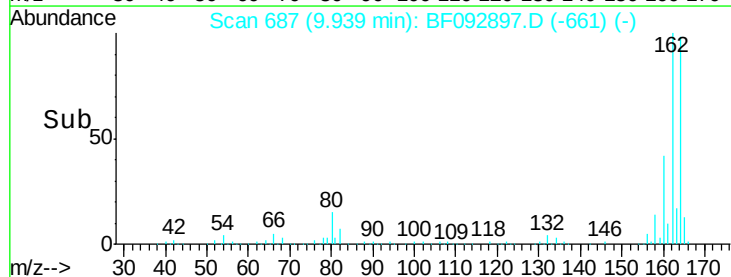
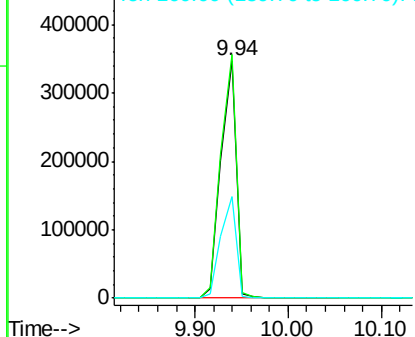


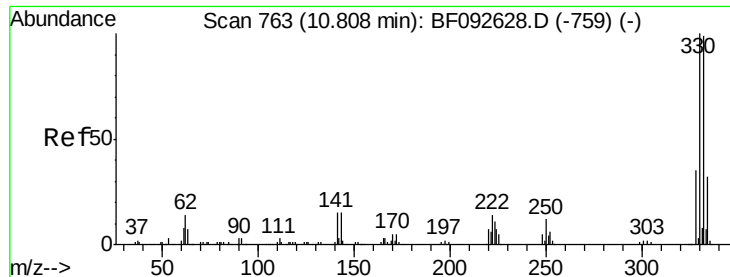
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.00 min
 Lab File: BF092897.D
 Acq: 10 Feb 2017 21:45

Tgt Ion: 164 Resp: 394958
 Ion Ratio Lower Upper
 164 100
 162 102.5 80.2 120.2
 160 42.6 36.9 55.3



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

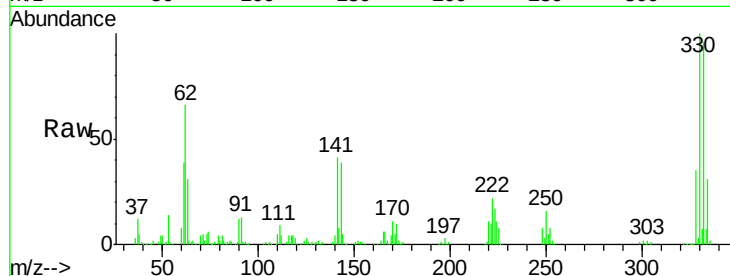




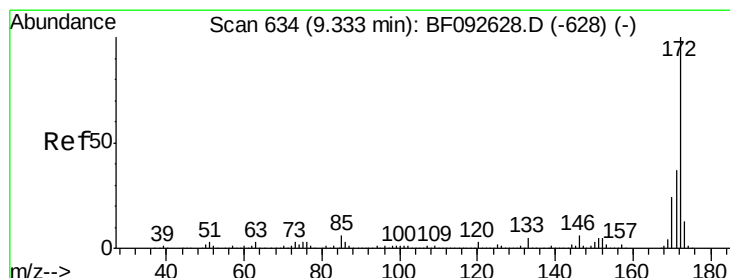
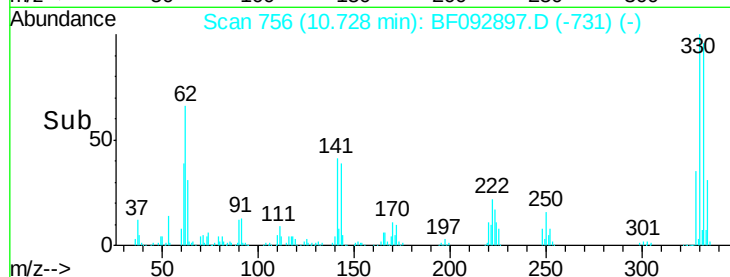
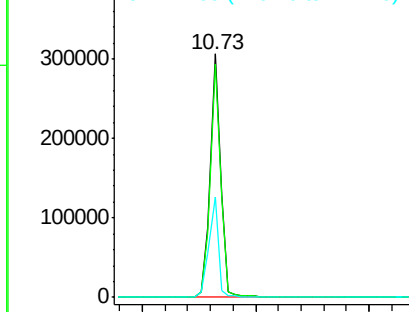
#41
 2,4,6-Tribromophenol
 Concen: 133.92 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF092897.D
 Acq: 10 Feb 2017 21:45

Instrument :
 BNA_F
 ClientSampleId :
 9717

Tgt Ion:330 Resp: 382548
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.2
 141 37.1 34.1 51.1

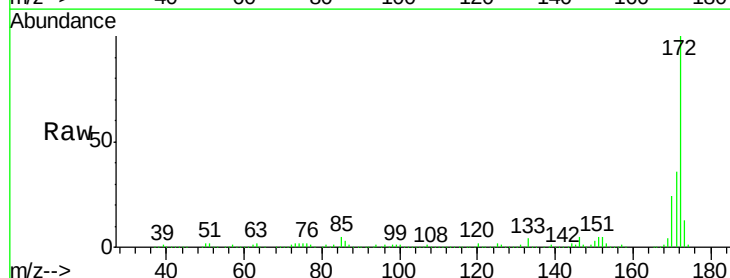


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

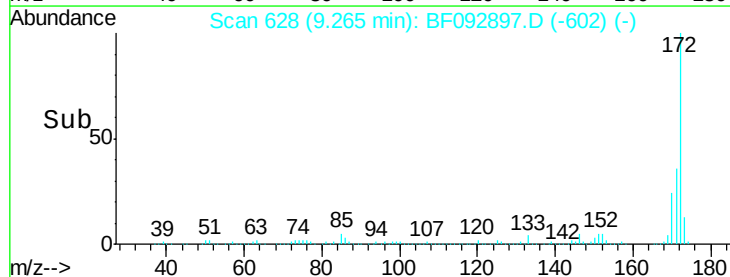
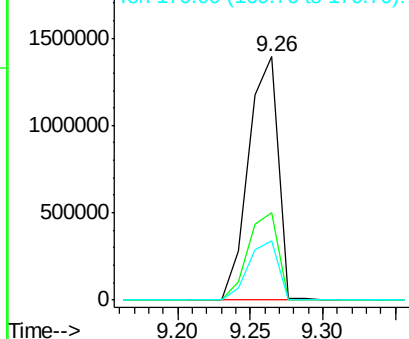


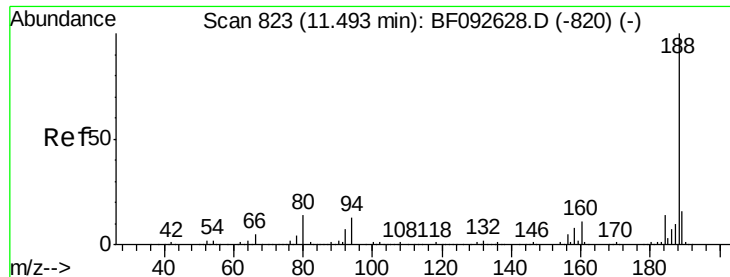
#44
 2-Fluorobiphenyl
 Concen: 90.63 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF092897.D
 Acq: 10 Feb 2017 21:45

Tgt Ion:172 Resp: 1975834
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.3 20.2 30.4



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

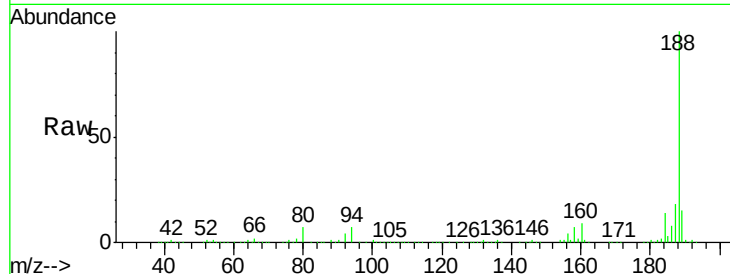




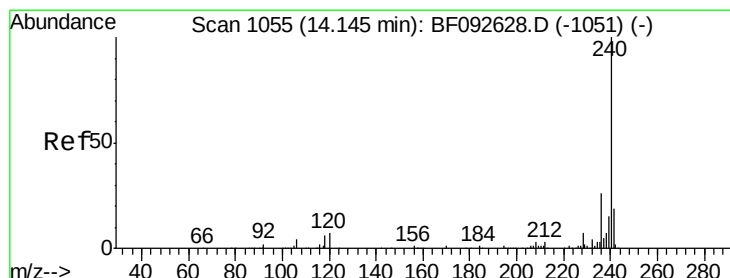
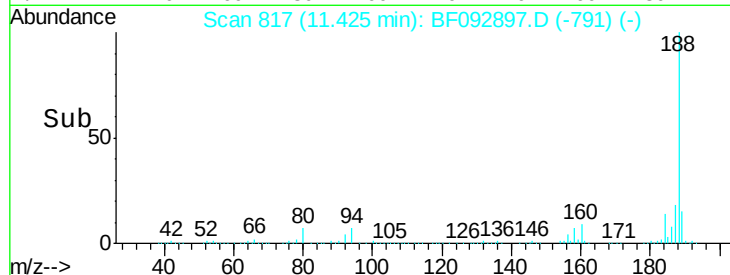
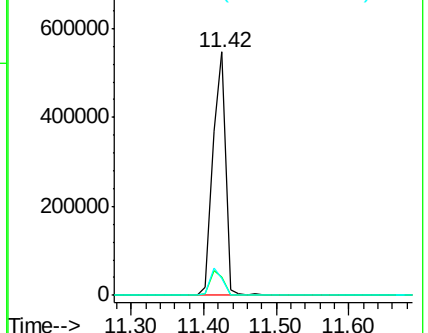
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF092897.D
Acq: 10 Feb 2017 21:45

Instrument :
BNA_F
ClientSampleId :
9717

Tgt Ion:188 Resp: 658964
Ion Ratio Lower Upper
188 100
94 7.4 10.0 15.0#
80 7.1 11.2 16.8#

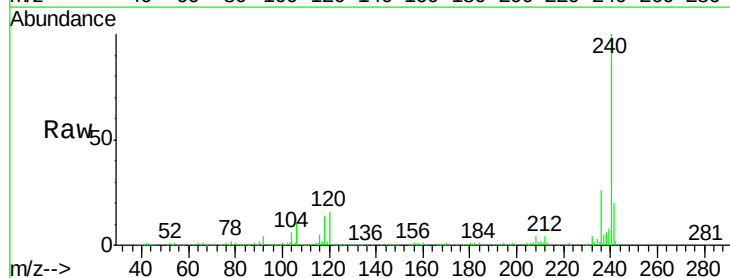


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

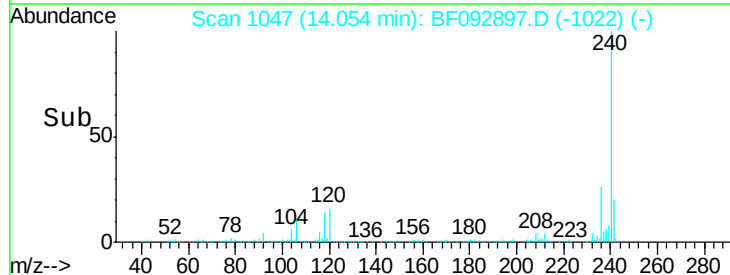
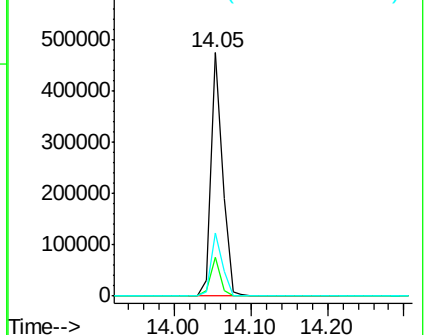


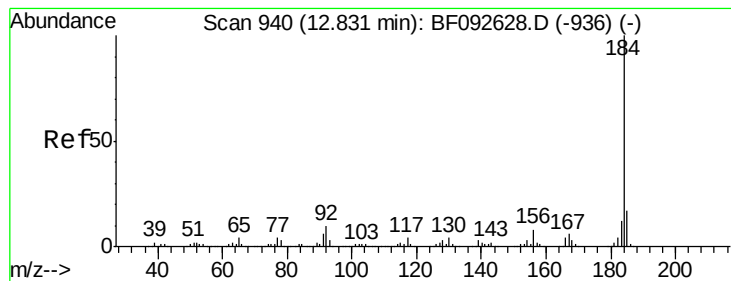
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF092897.D
Acq: 10 Feb 2017 21:45

Tgt Ion:240 Resp: 490329
Ion Ratio Lower Upper
240 100
120 15.9 12.9 19.3
236 26.0 20.9 31.3



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





#76

Benzidine

Concen: 2.01 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF092897.D

Acq: 10 Feb 2017 21:45

Instrument :

BNA_F

ClientSampleId :

9717

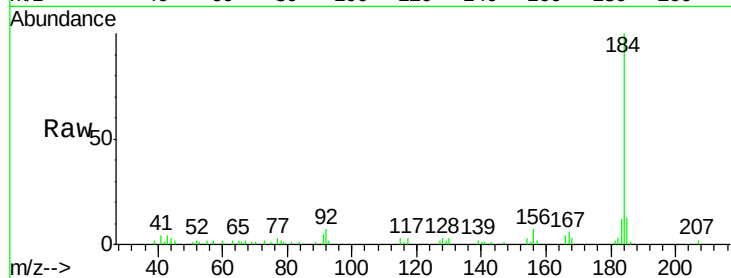
Tgt Ion:184 Resp: 42076

Ion Ratio Lower Upper

184 100

185 13.1 13.4 20.0#

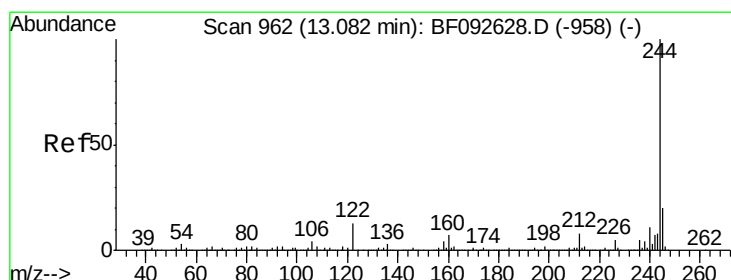
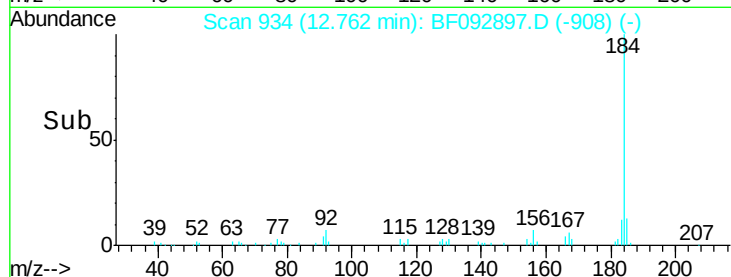
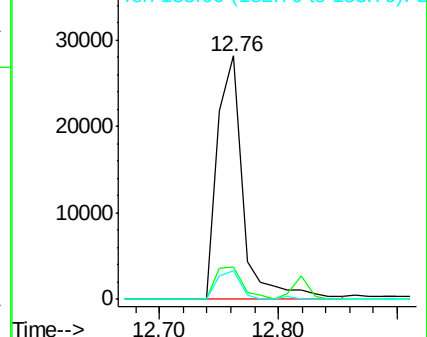
183 12.0 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 82.89 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF092897.D

Acq: 10 Feb 2017 21:45

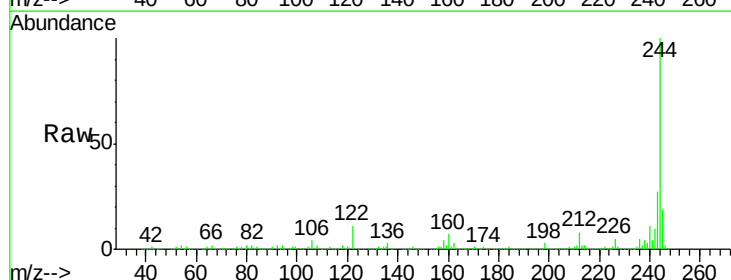
Tgt Ion:244 Resp: 1729697

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

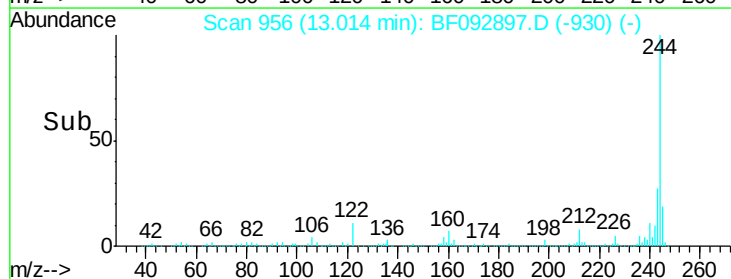
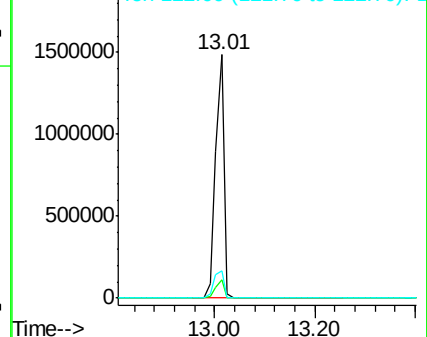
122 11.3 11.4 17.2#

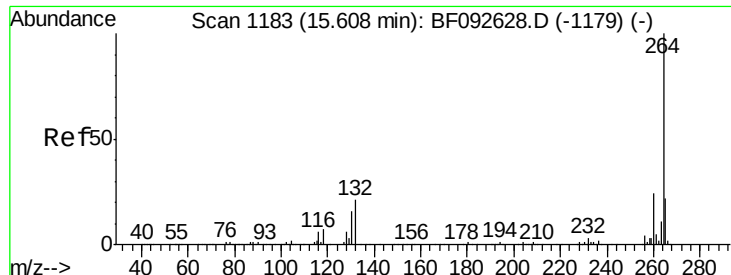


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

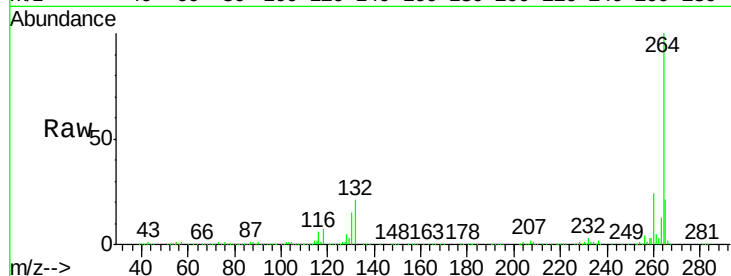




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF092897.D
Acq: 10 Feb 2017 21:45

Instrument :
BNA_F
ClientSampleId :
9717

Tgt Ion: 264 Resp: 381890
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.5 17.4 26.0



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

