

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
 Data File : BF086132.D
 Acq On : 7 Apr 2016 15:17
 Operator : UM/SJ
 Sample : H2230-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-040116

Quant Time: Apr 08 02:21:42 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	105318	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	427942	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	196061	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	384359	20.00	ng	-0.05
75) Chrysene-d12	13.89	240	318678	20.00	ng	-0.03
86) Perylene-d12	15.29	264	218845	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	418105	67.86	ng	-0.03
7) Phenol-d6	6.37	99	343212	43.85	ng	-0.05
23) Nitrobenzene-d5	7.31	82	703220	96.91	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	308500	167.64	ng	-0.03
44) 2-Fluorobiphenyl	9.10	172	1209207	102.55	ng	-0.03
78) Terphenyl-d14	12.84	244	1075919	79.36	ng	-0.03

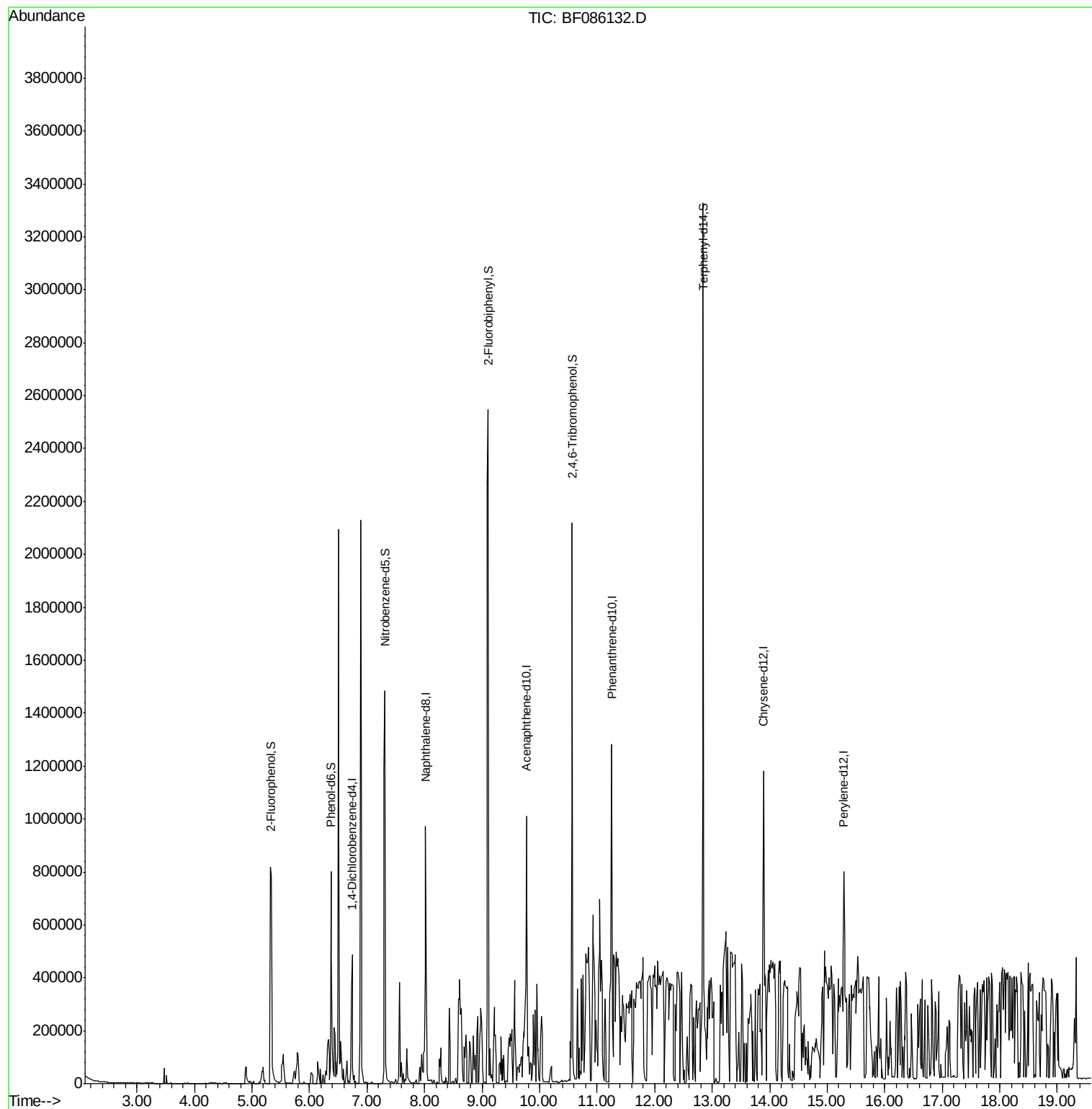
Target Compounds Qvalue

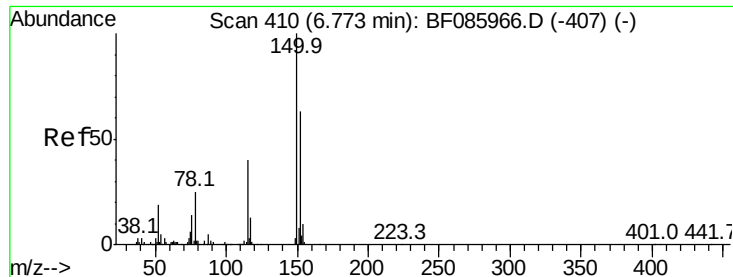
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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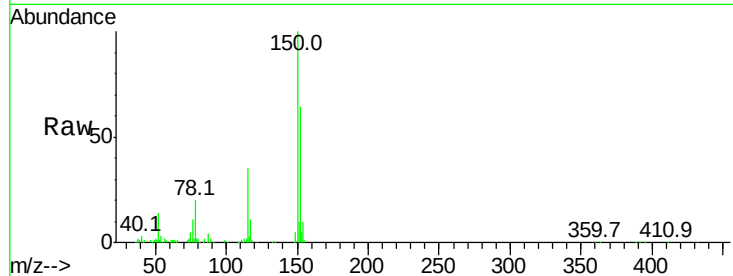


#1

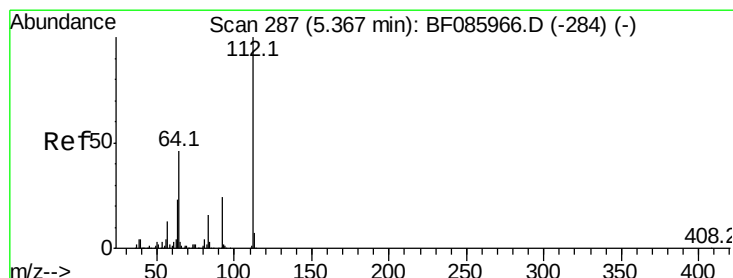
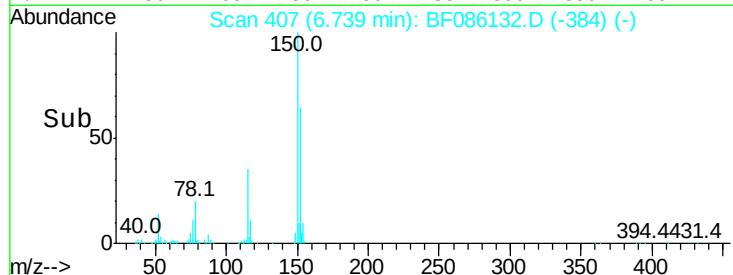
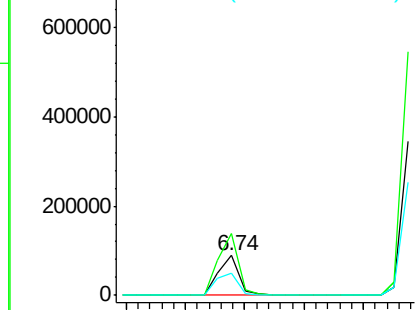
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF086132.D
Acq: 7 Apr 2016 15:17

Instrument :
BNA_F
ClientSampleId :
MW-4-040116

Tot Ion:152 Resp: 105318
Ion Ratio Lower Upper
152 100
150 156.1 124.2 186.2
115 55.0 47.0 70.6



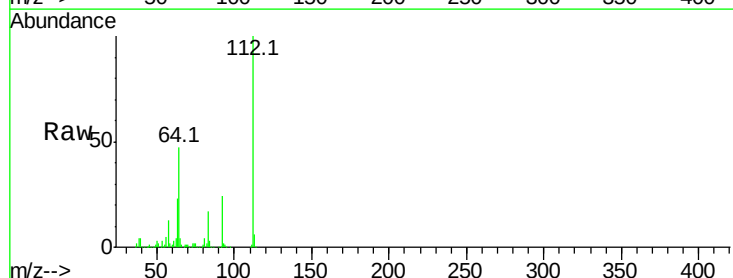
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



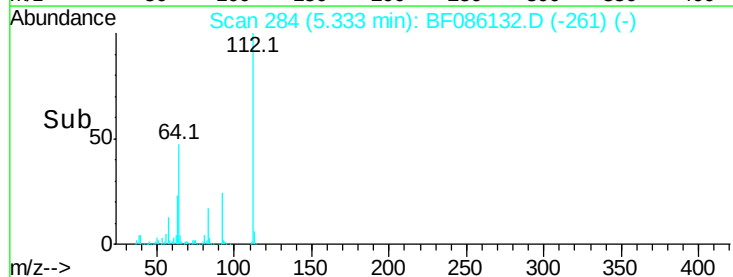
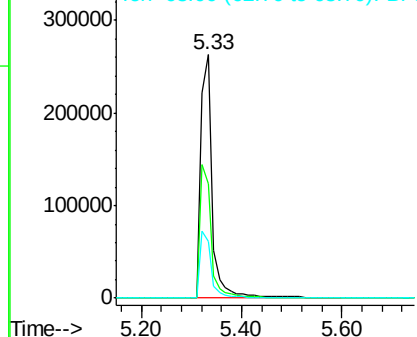
#5

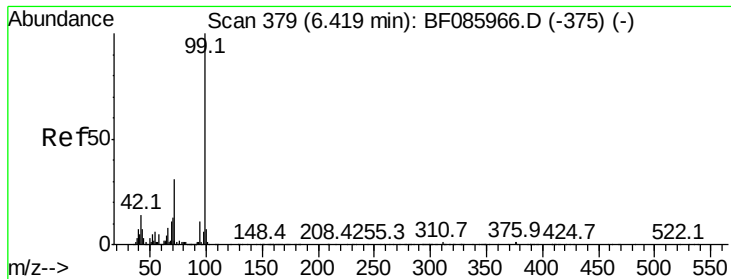
2-Fluorophenol
Concen: 67.86 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.03 min
Lab File: BF086132.D
Acq: 7 Apr 2016 15:17

Tgt Ion:112 Resp: 418105
Ion Ratio Lower Upper
112 100
64 46.9 39.9 59.9
63 23.3 20.2 30.2



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: 43.85 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.05 min

Lab File: BF086132.D

Acq: 7 Apr 2016 15:17

Instrument :

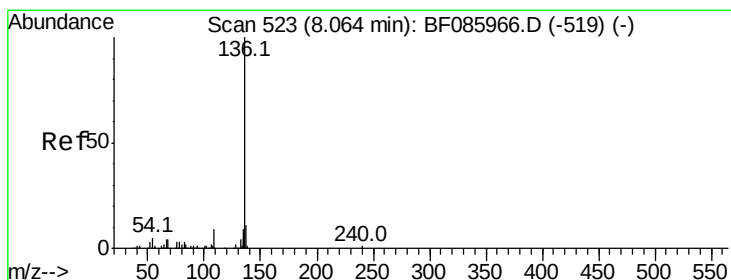
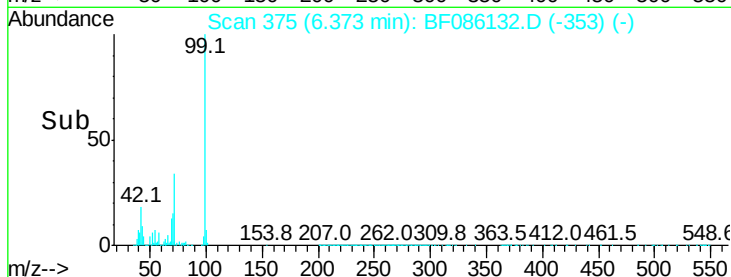
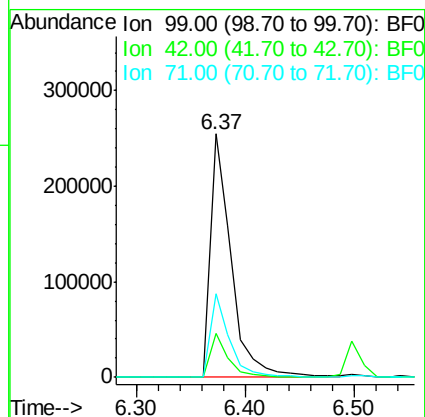
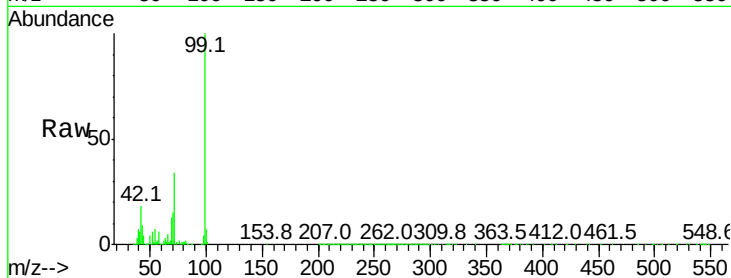
BNA_F

ClientSampleId :

MW-4-040116

Tot Ion: 99 Resp: 343212

Ion	Ratio	Lower	Upper
99	100		
42	18.2	11.1	16.7#
71	34.4	24.9	37.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

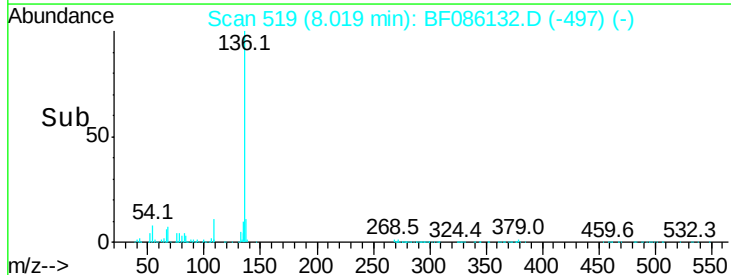
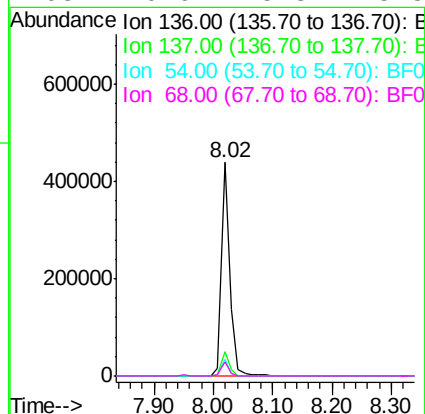
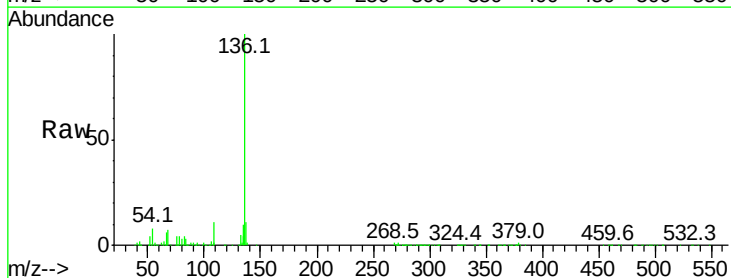
Delta R.T. -0.05 min

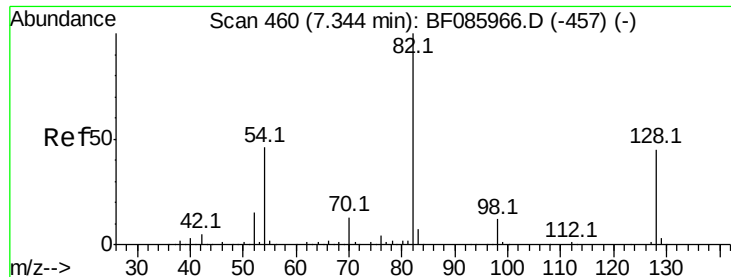
Lab File: BF086132.D

Acq: 7 Apr 2016 15:17

Tgt Ion: 136 Resp: 427942

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.7	7.4	11.0
68	6.6	5.8	8.8

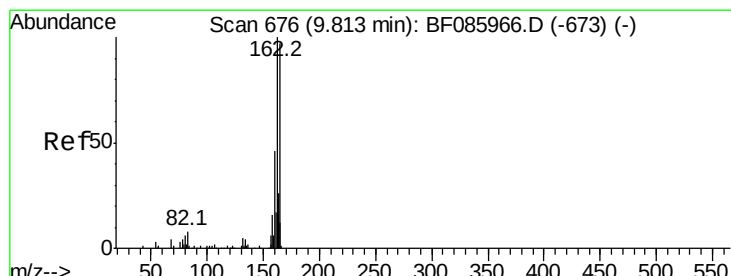
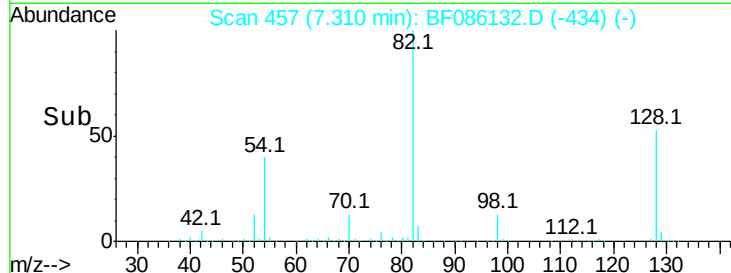
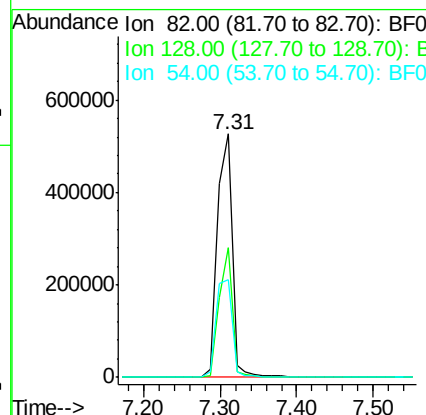
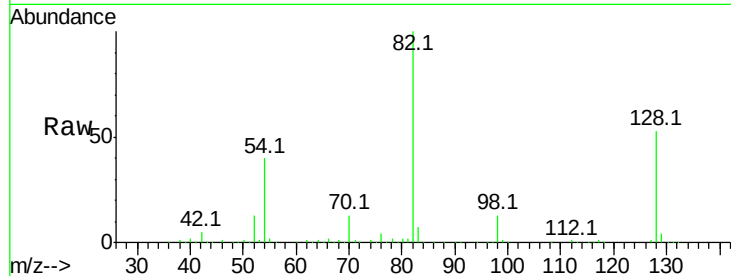




#23
 Nitrobenzene-d5
 Concen: 96.91 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF086132.D
 Acq: 7 Apr 2016 15:17

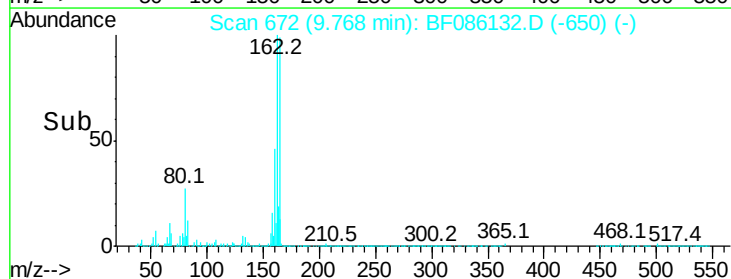
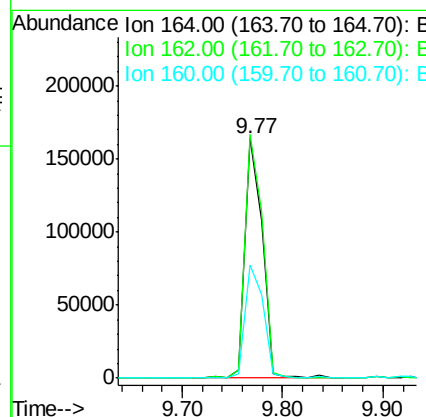
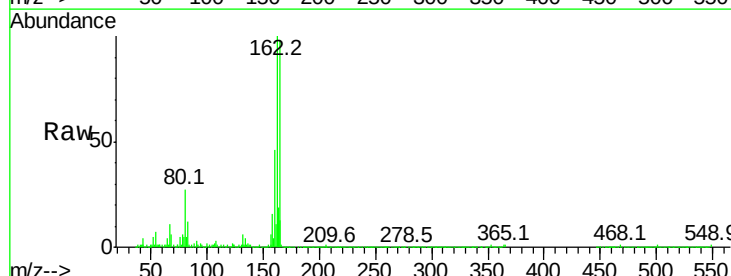
Instrument :
 BNA_F
 ClientSampleId :
 MW-4-040116

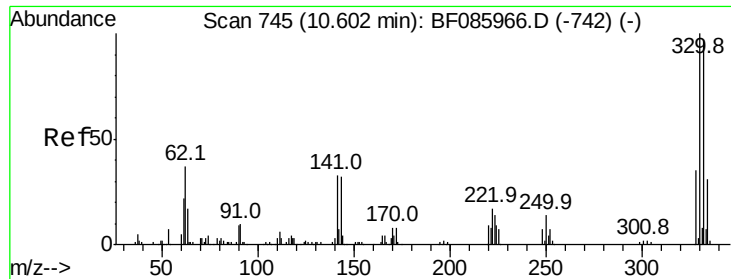
Tot Ion:	82	Resp:	703220
Ion	Ratio	Lower	Upper
82	100		
128	53.4	41.8	62.8
54	40.2	33.4	50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.05 min
 Lab File: BF086132.D
 Acq: 7 Apr 2016 15:17

Tgt Ion:	164	Resp:	196061
Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.1	123.1
160	47.0	37.4	56.2

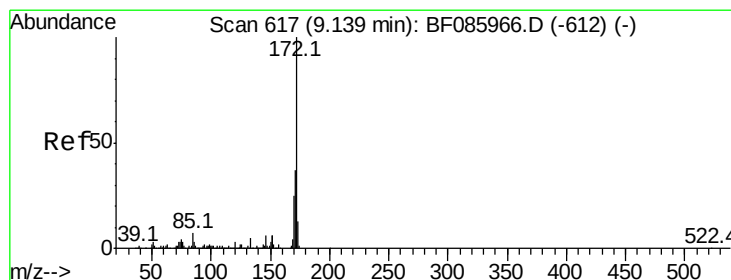
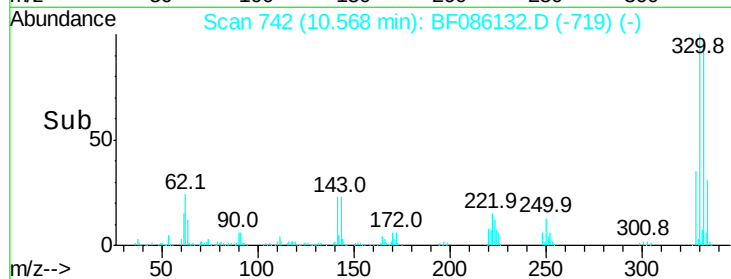
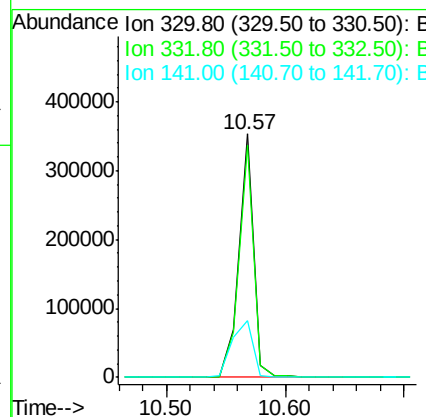
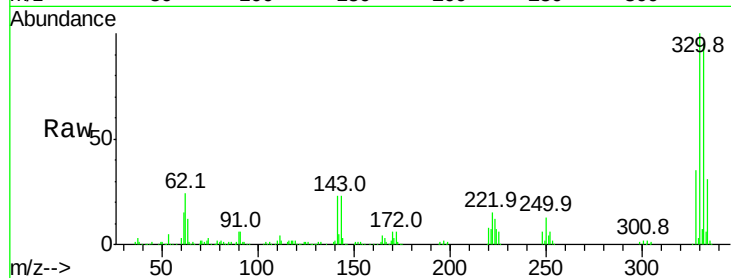




#41
 2,4,6-Tribromophenol
 Concen: 167.64 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF086132.D
 Acq: 7 Apr 2016 15:17

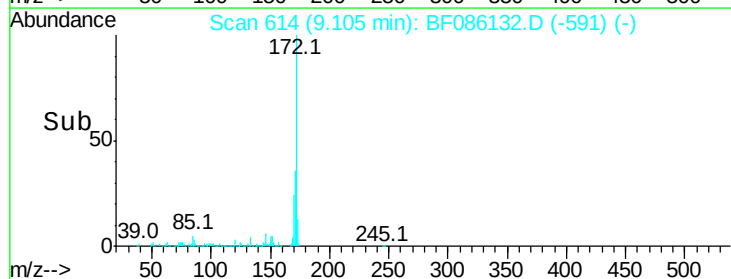
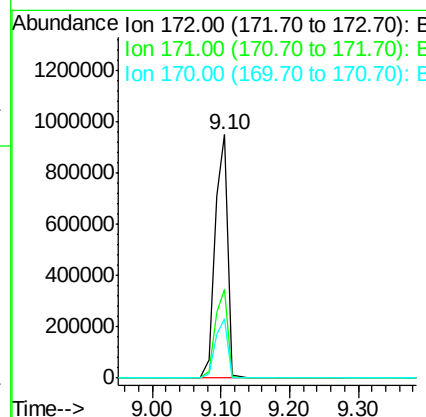
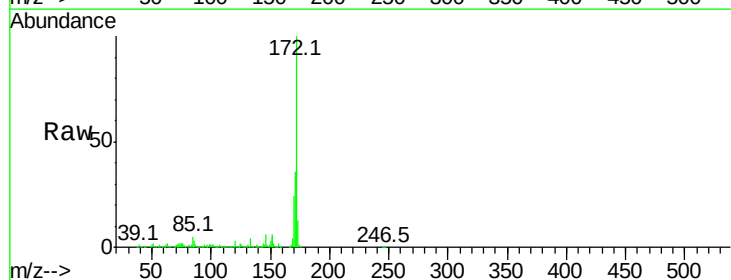
Instrument :
 BNA_F
 ClientSampleId :
 MW-4-040116

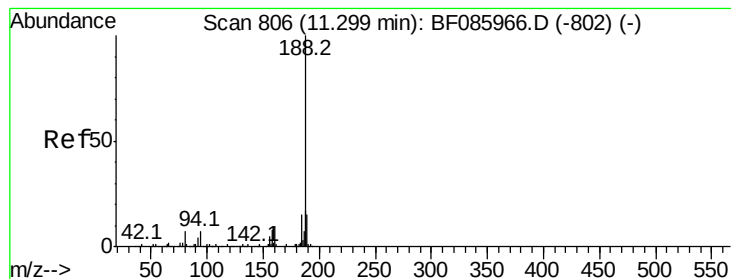
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.2	117.2
141	33.8	31.5	47.3



#44
 2-Fluorobiphenyl
 Concen: 102.55 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF086132.D
 Acq: 7 Apr 2016 15:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.2
170	24.4	19.8	29.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 802

Delta R.T. -0.05 min

Lab File: BF086132.D

Acq: 7 Apr 2016 15:17

Instrument :

BNA_F

ClientSampleId :

MW-4-040116

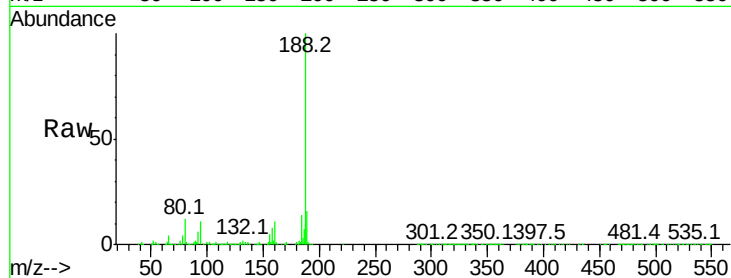
Tot Ion:188 Resp: 384359

Ion Ratio Lower Upper

188 100

94 11.1 5.4 8.0#

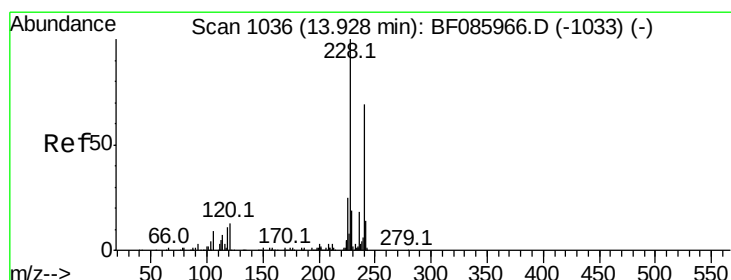
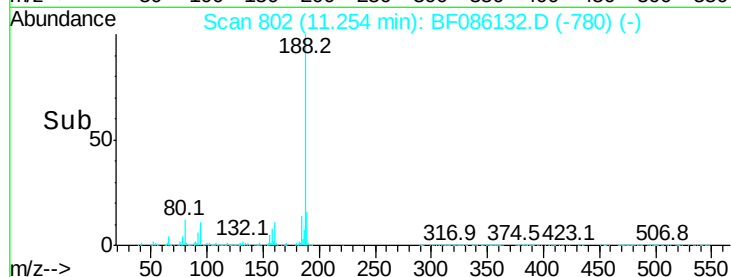
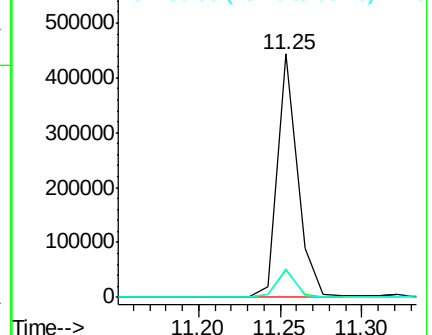
80 11.6 5.5 8.3#



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: 13.89 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BF086132.D

Acq: 7 Apr 2016 15:17

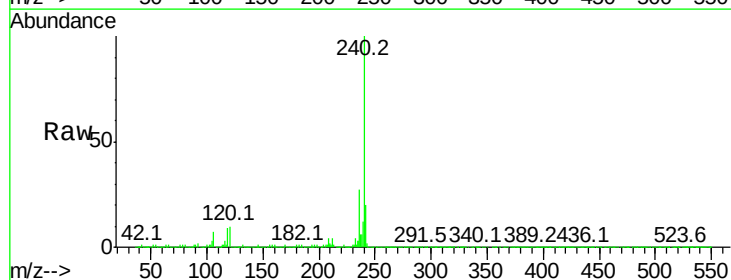
Tgt Ion:240 Resp: 318678

Ion Ratio Lower Upper

240 100

120 10.0 13.8 20.8#

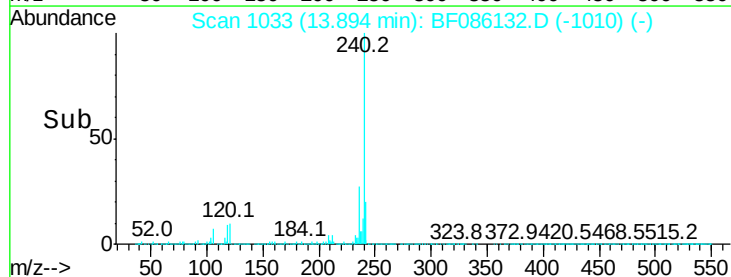
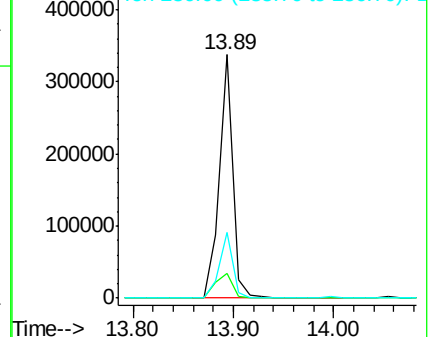
236 27.0 20.6 30.8

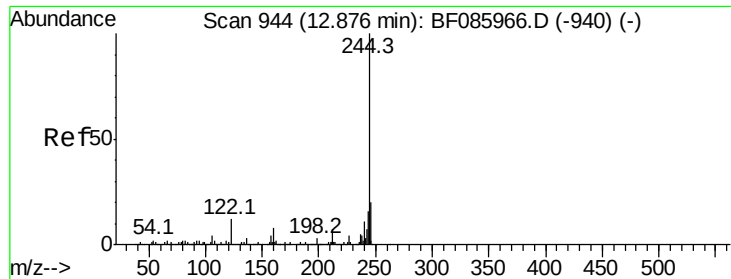


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 79.36 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF086132.D

Acq: 7 Apr 2016 15:17

Instrument :

BNA_F

ClientSampleId :

MW-4-040116

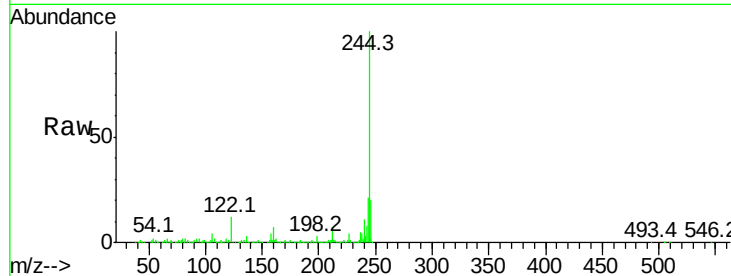
Tot Ion:244 Resp: 1075919

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

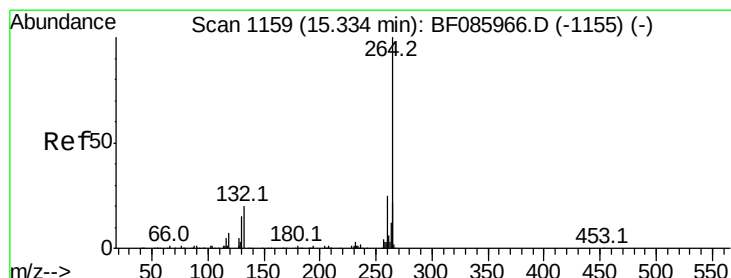
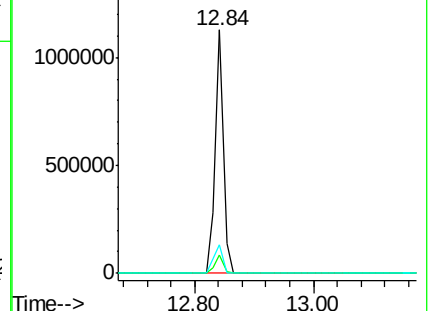
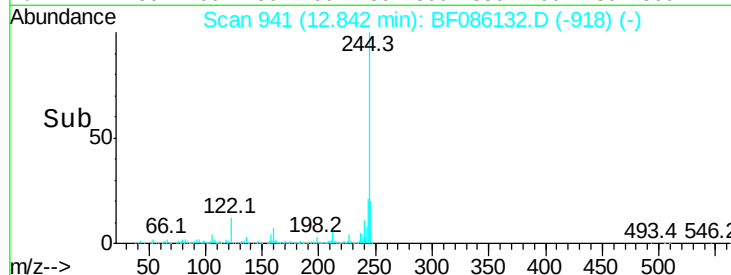
122 11.6 10.2 15.4



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: 15.29 min Scan# 1155

Delta R.T. -0.05 min

Lab File: BF086132.D

Acq: 7 Apr 2016 15:17

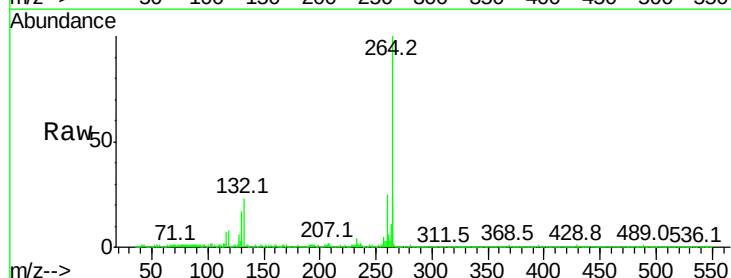
Tgt Ion:264 Resp: 218845

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.2

265 21.6 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

