

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
 Data File : BF083797.D
 Acq On : 15 Dec 2015 4:29
 Operator : UM/IZ
 Sample : G4779-12
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-51

Quant Time: Dec 15 06:30:12 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	109377	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	405164	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	216144	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	392063	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	359232	20.00	ng	-0.03
86) Perylene-d12	15.48	264	280394	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	311170	45.90	ng	-0.03
7) Phenol-d6	6.52	99	285234	33.22	ng	-0.02
23) Nitrobenzene-d5	7.46	82	550706	76.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	310757	141.10	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1167920	76.93	ng	-0.02
78) Terphenyl-d14	13.00	244	1216060	72.82	ng	-0.02

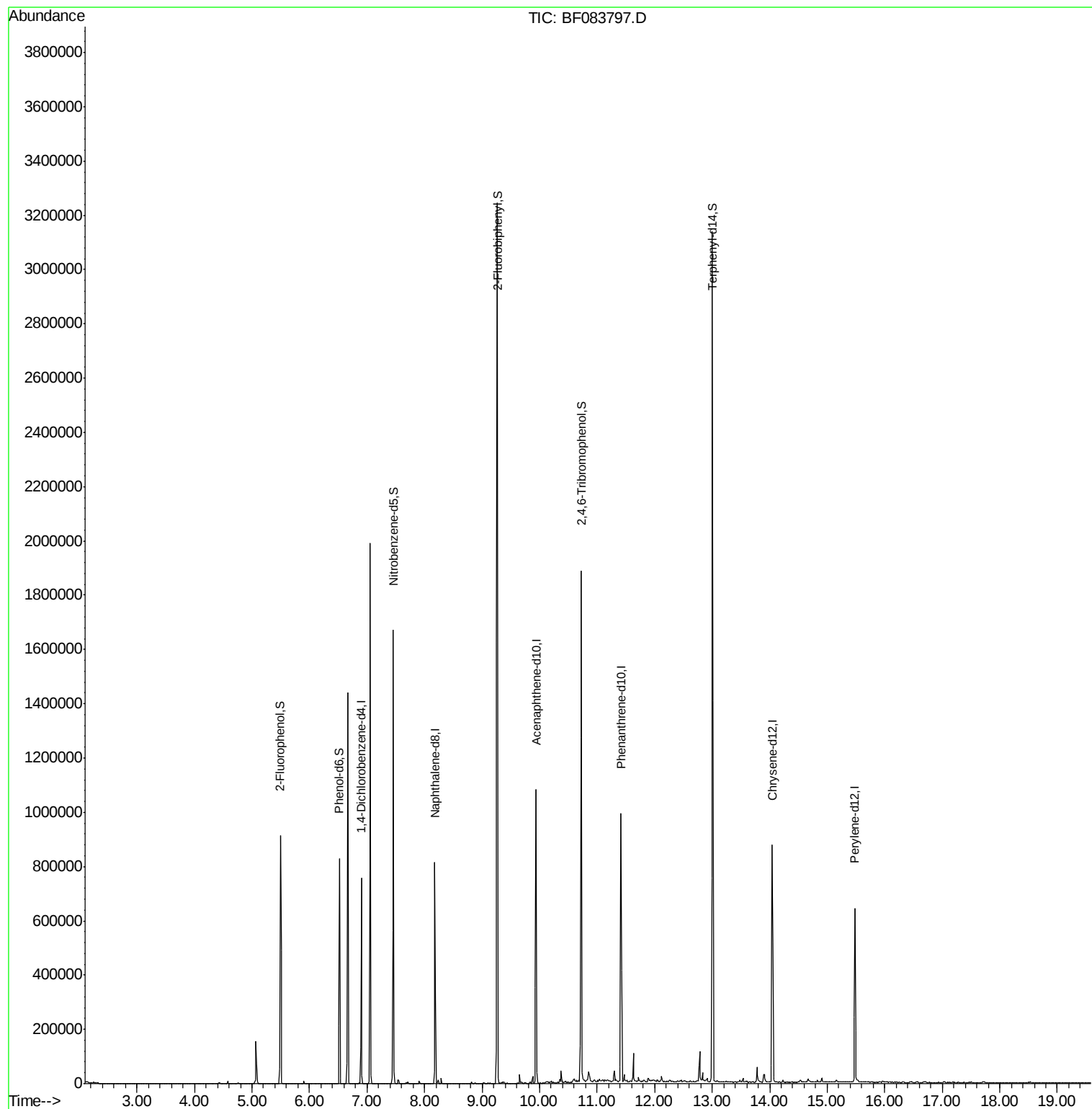
Target Compounds Qvalue

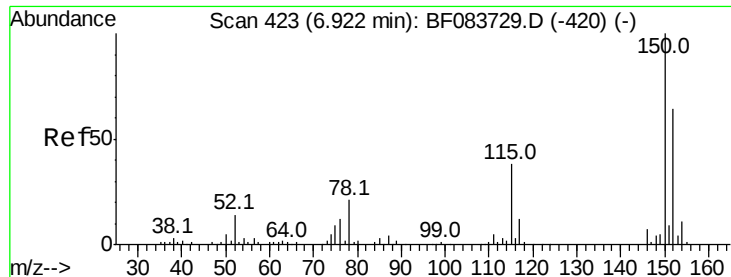
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 14 01:30:12 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF083797.D

Acq: 15 Dec 2015 4:29

Instrument :

BNA_F

ClientSampleId :

W-51

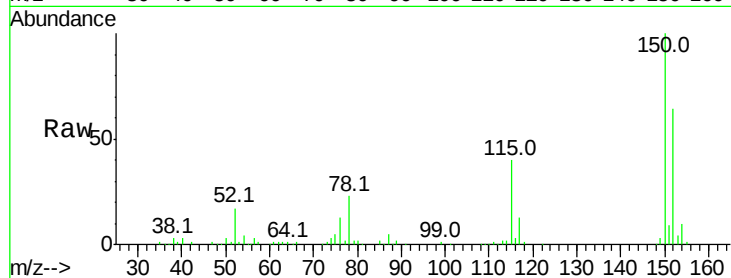
Tot Ion:152 Resp: 109377

Ion Ratio Lower Upper

152 100

150 156.7 126.5 189.7

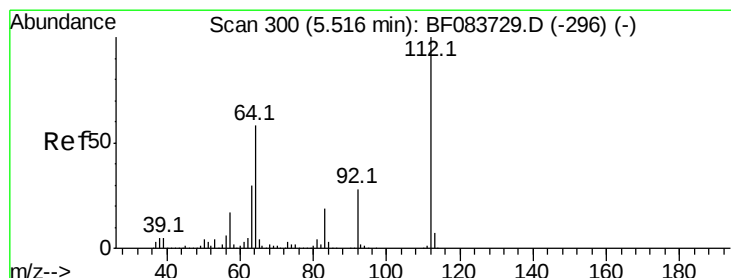
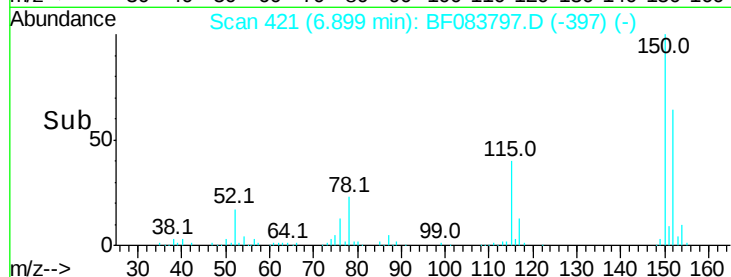
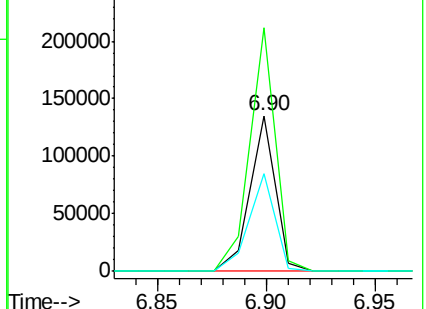
115 62.9 52.3 78.5



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: 45.90 ng

RT: 5.49 min Scan# 298

Delta R.T. -0.03 min

Lab File: BF083797.D

Acq: 15 Dec 2015 4:29

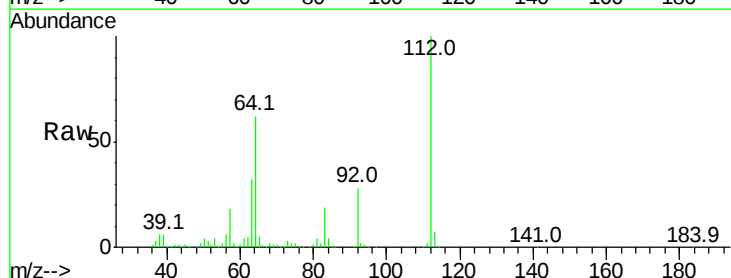
Tgt Ion:112 Resp: 311170

Ion Ratio Lower Upper

112 100

64 61.9 50.5 75.7

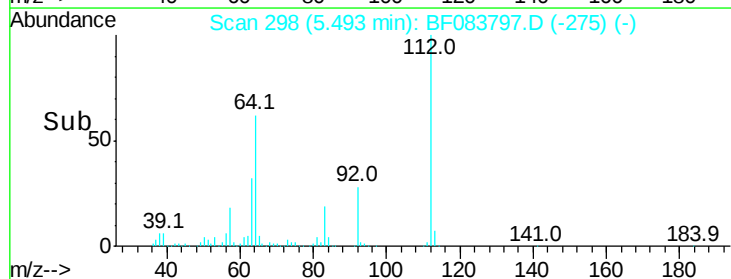
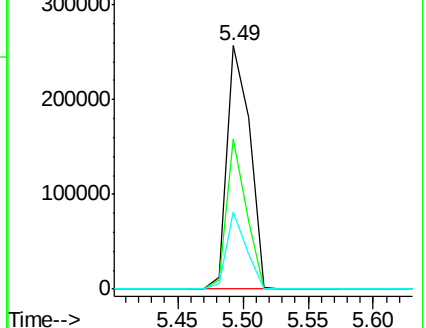
63 31.9 25.8 38.6

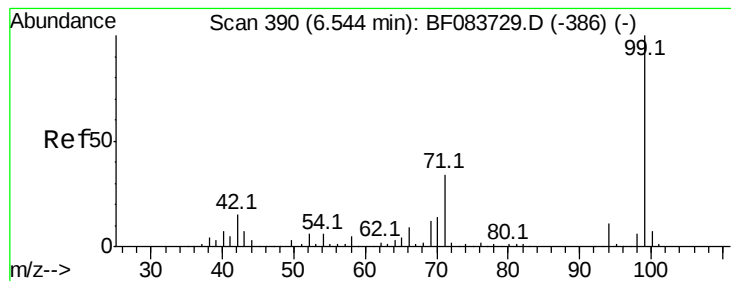


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.22 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083797.D

Acq: 15 Dec 2015 4:29

Instrument :

BNA_F

ClientSampleId :

W-51

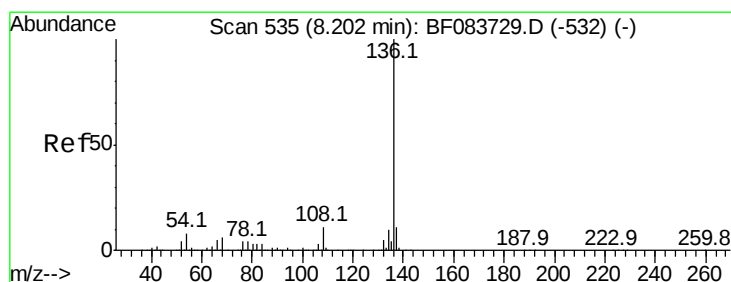
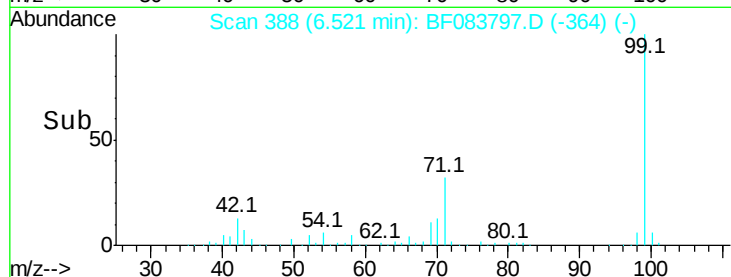
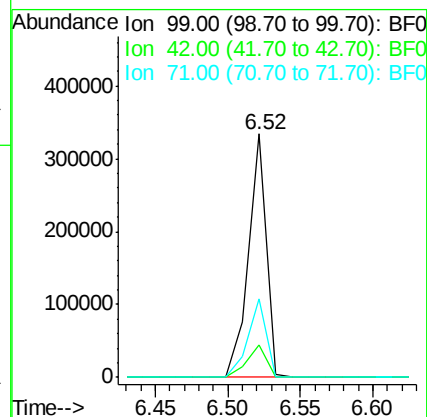
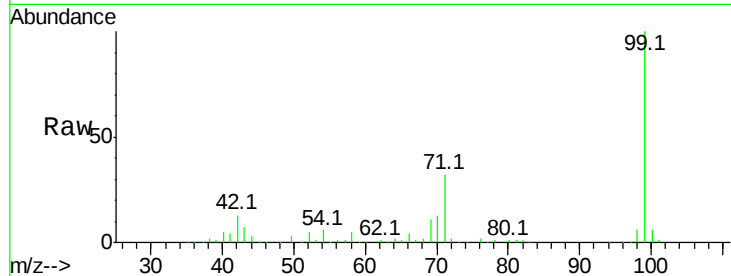
Tot Ion: 99 Resp: 285234

Ion Ratio Lower Upper

99 100

42 13.2 17.3 25.9#

71 32.3 26.6 40.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF083797.D

Acq: 15 Dec 2015 4:29

Tgt Ion: 136 Resp: 405164

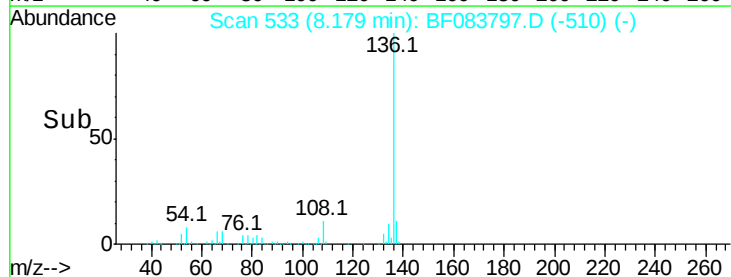
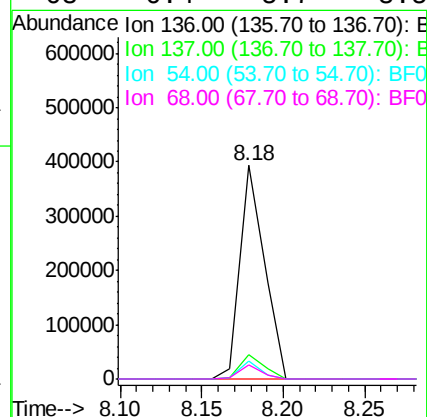
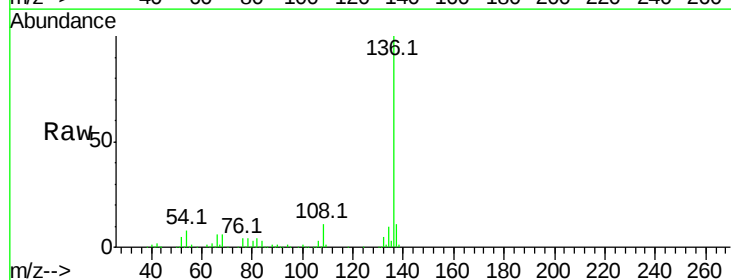
Ion Ratio Lower Upper

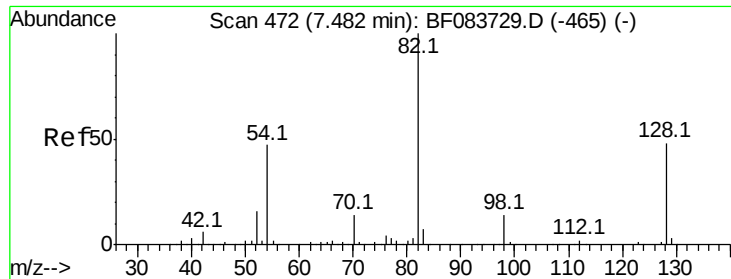
136 100

137 11.5 8.7 13.1

54 8.3 7.8 11.6

68 6.4 5.7 8.5

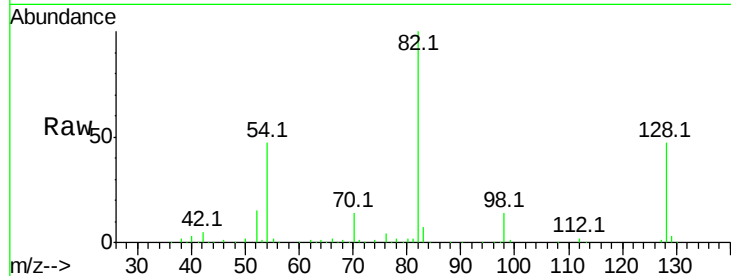




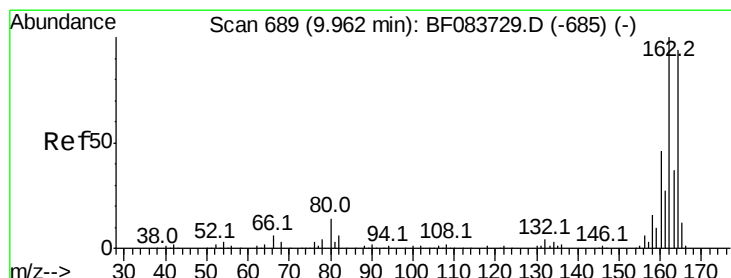
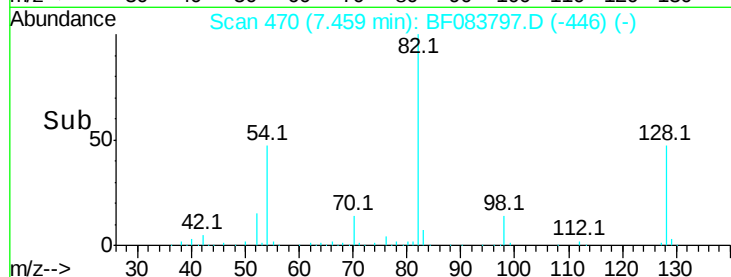
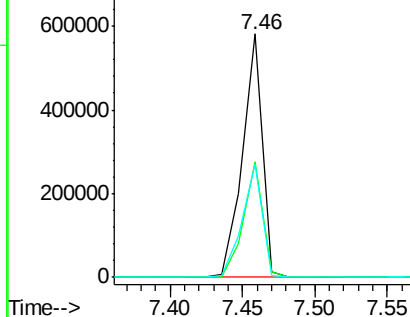
#23
 Nitrobenzene-d5
 Concen: 76.04 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083797.D
 Acq: 15 Dec 2015 4:29

Instrument :
 BNA_F
 ClientSampleId :
 W-51

Tot Ion	82	Resp	550706
Ion Ratio	100	Lower	Upper
128	47.4	30.7	46.1#
54	46.7	42.5	63.7

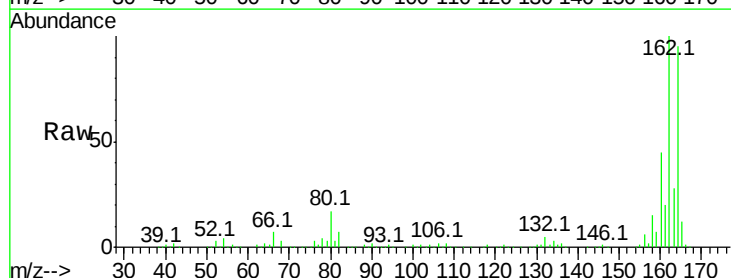


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

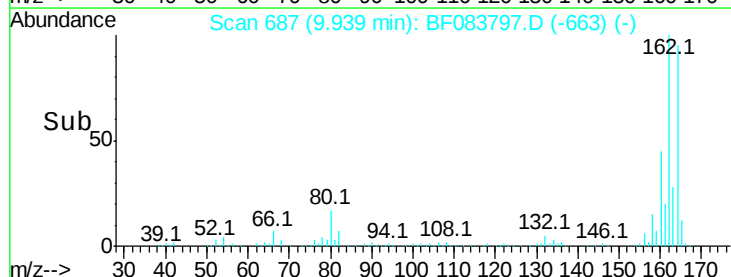
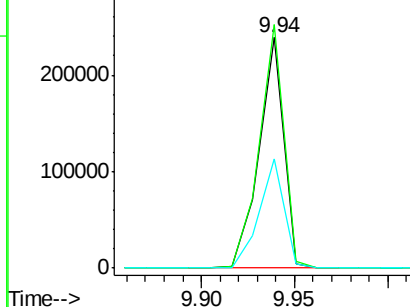


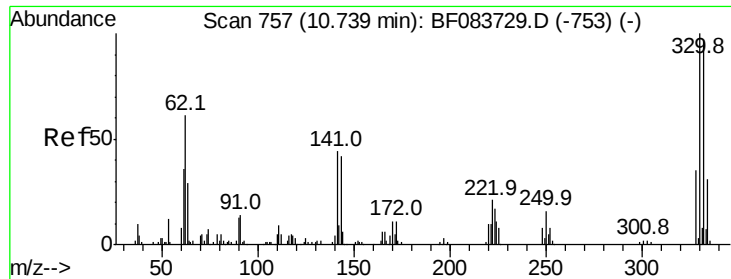
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF083797.D
 Acq: 15 Dec 2015 4:29

Tgt Ion	164	Resp	216144
Ion Ratio	100	Lower	Upper
162	105.7	78.8	118.2
160	47.7	33.4	50.2



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

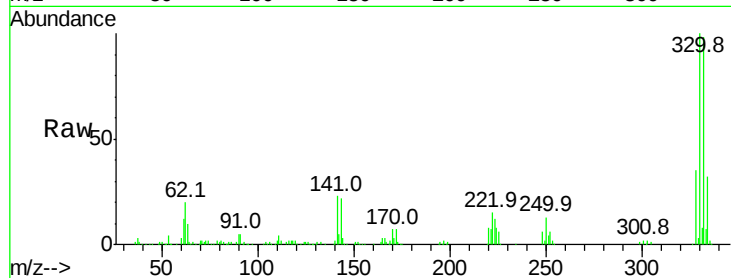




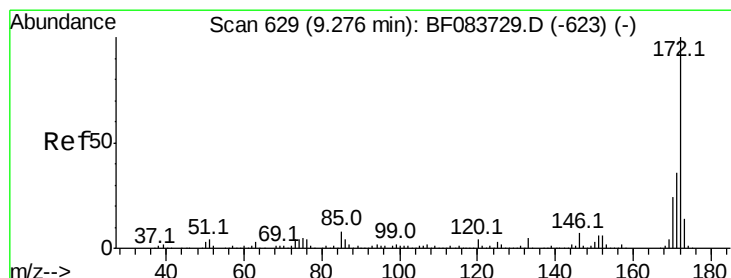
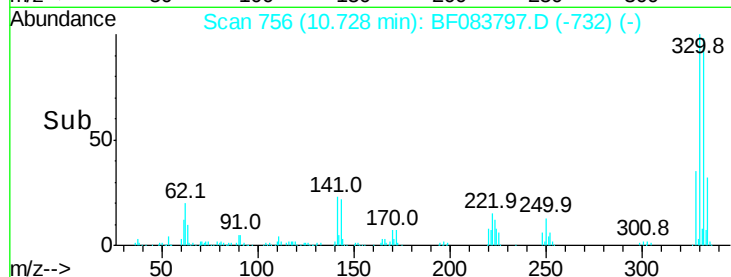
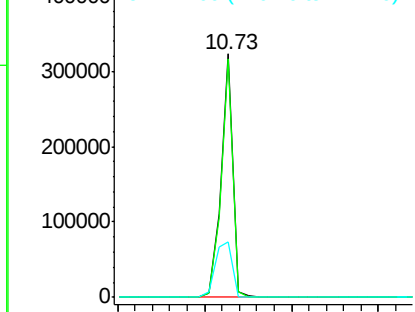
#41
 2,4,6-Tribromophenol
 Concen: 141.10 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083797.D
 Acq: 15 Dec 2015 4:29

Instrument :
 BNA_F
 ClientSampleId :
 W-51

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	33.2	0.0	0.0#

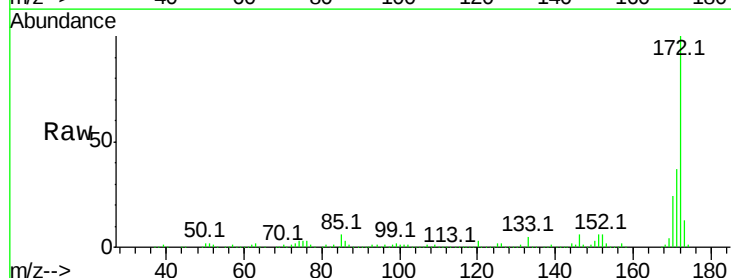


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

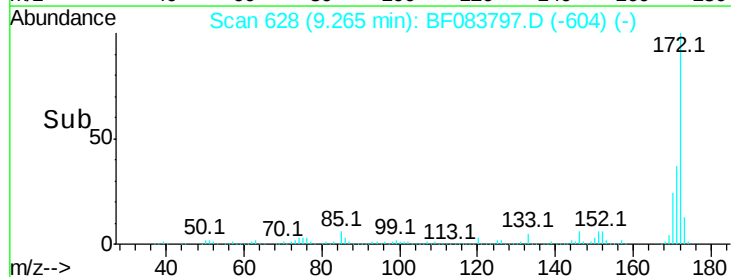
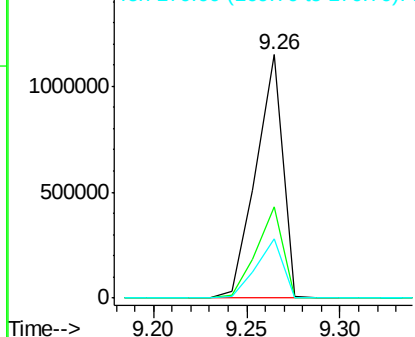


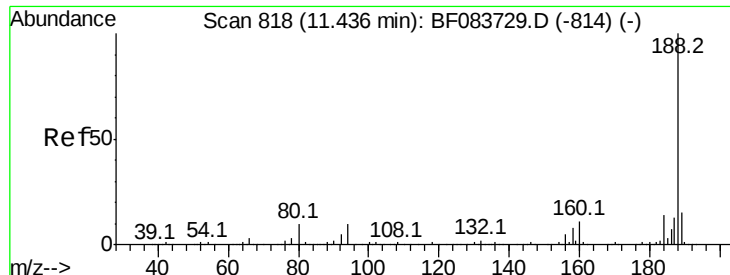
#44
 2-Fluorobiphenyl
 Concen: 76.93 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083797.D
 Acq: 15 Dec 2015 4:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.6	42.8
170	24.5	19.4	29.0



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

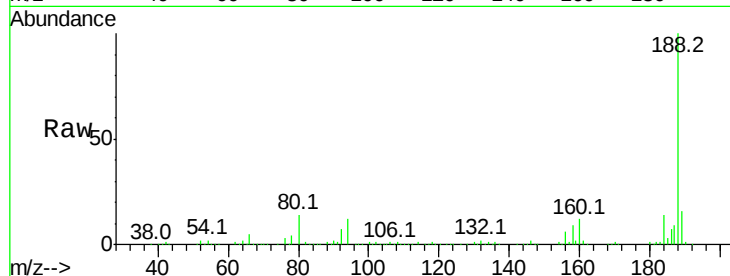




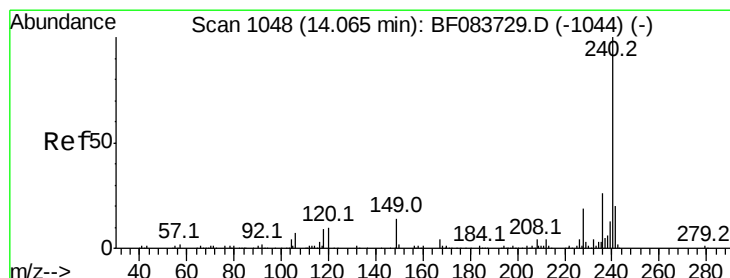
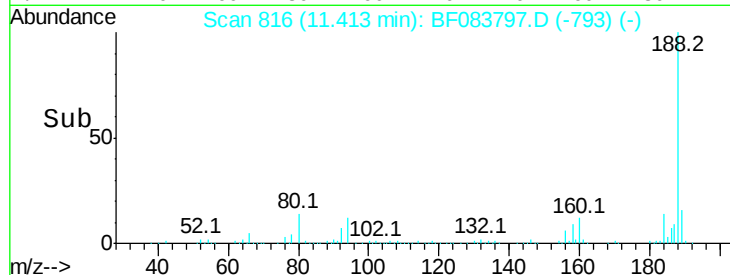
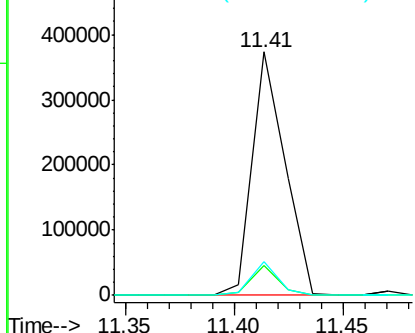
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF083797.D
Acq: 15 Dec 2015 4:29

Instrument :
BNA_F
ClientSampled :
W-51

Tot Ion	Ratio	Lower	Upper
188	100		
94	12.5	9.4	14.2
80	13.8	10.6	16.0

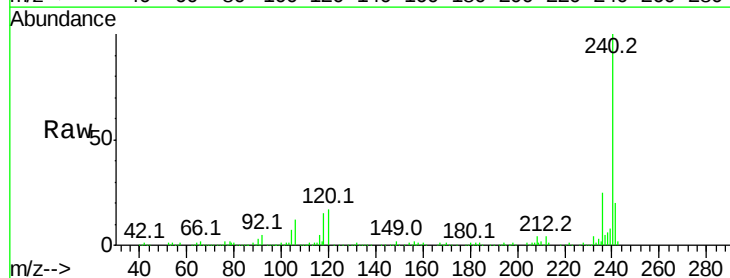


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

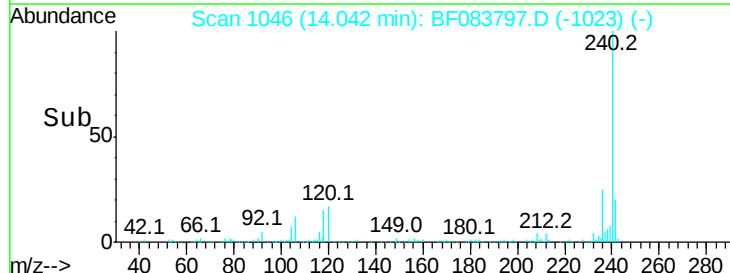
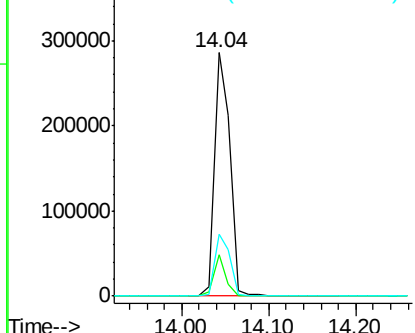


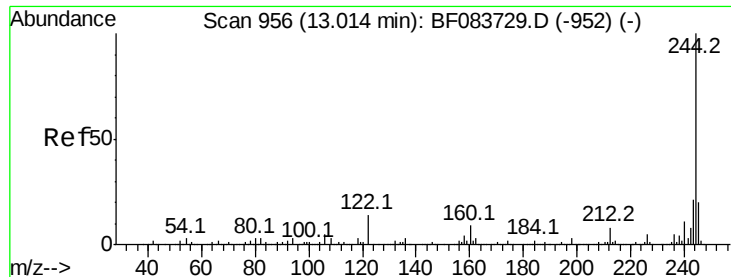
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BF083797.D
Acq: 15 Dec 2015 4:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	17.2	8.1	12.1#
236	25.5	20.8	31.2



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

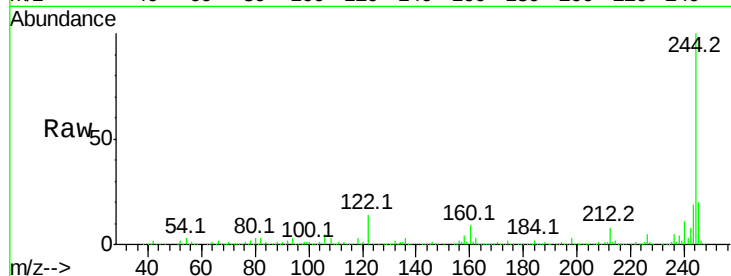




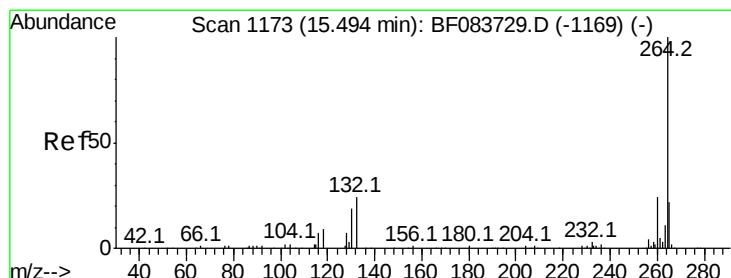
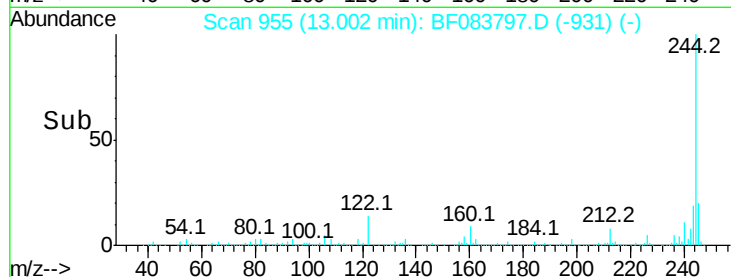
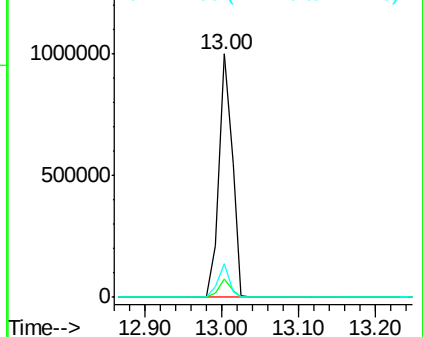
#78
 Terphenyl-d14
 Concen: 72.82 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083797.D
 Acq: 15 Dec 2015 4:29

Instrument :
 BNA_F
 ClientSampleId :
 W-51

Tot Ion:244 Resp: 1216060
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 13.7 11.0 16.6

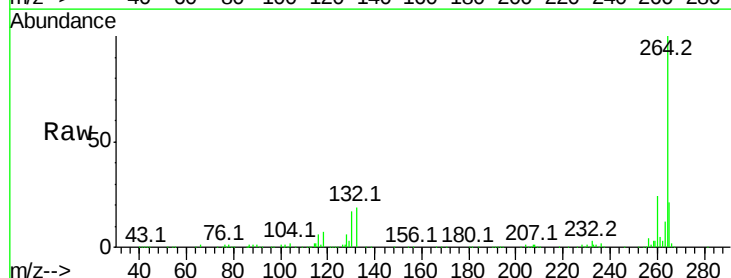


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF083797.D
 Acq: 15 Dec 2015 4:29

Tgt Ion:264 Resp: 280394
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.0
 265 21.1 17.8 26.6



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

