

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
 Data File : BF087924.D
 Acq On : 12 Jun 2016 2:55
 Operator : UM/SJ
 Sample : PB91188BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91188BL

Quant Time: Jun 12 06:03:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	102914	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	409183	20.00	ng	-0.03
38) Acenaphthene-d10	9.84	164	200354	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	402963	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	330122	20.00	ng	-0.03
86) Perylene-d12	15.37	264	251507	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	638212	106.02	ng	-0.03
7) Phenol-d6	6.43	99	736825	100.99	ng	-0.05
23) Nitrobenzene-d5	7.37	82	579779	82.74	ng	-0.05
41) 2,4,6-Tribromophenol	10.63	330	215238	101.74	ng	-0.05
44) 2-Fluorobiphenyl	9.16	172	1004380	78.32	ng	-0.05
78) Terphenyl-d14	12.91	244	942461	64.96	ng	-0.03

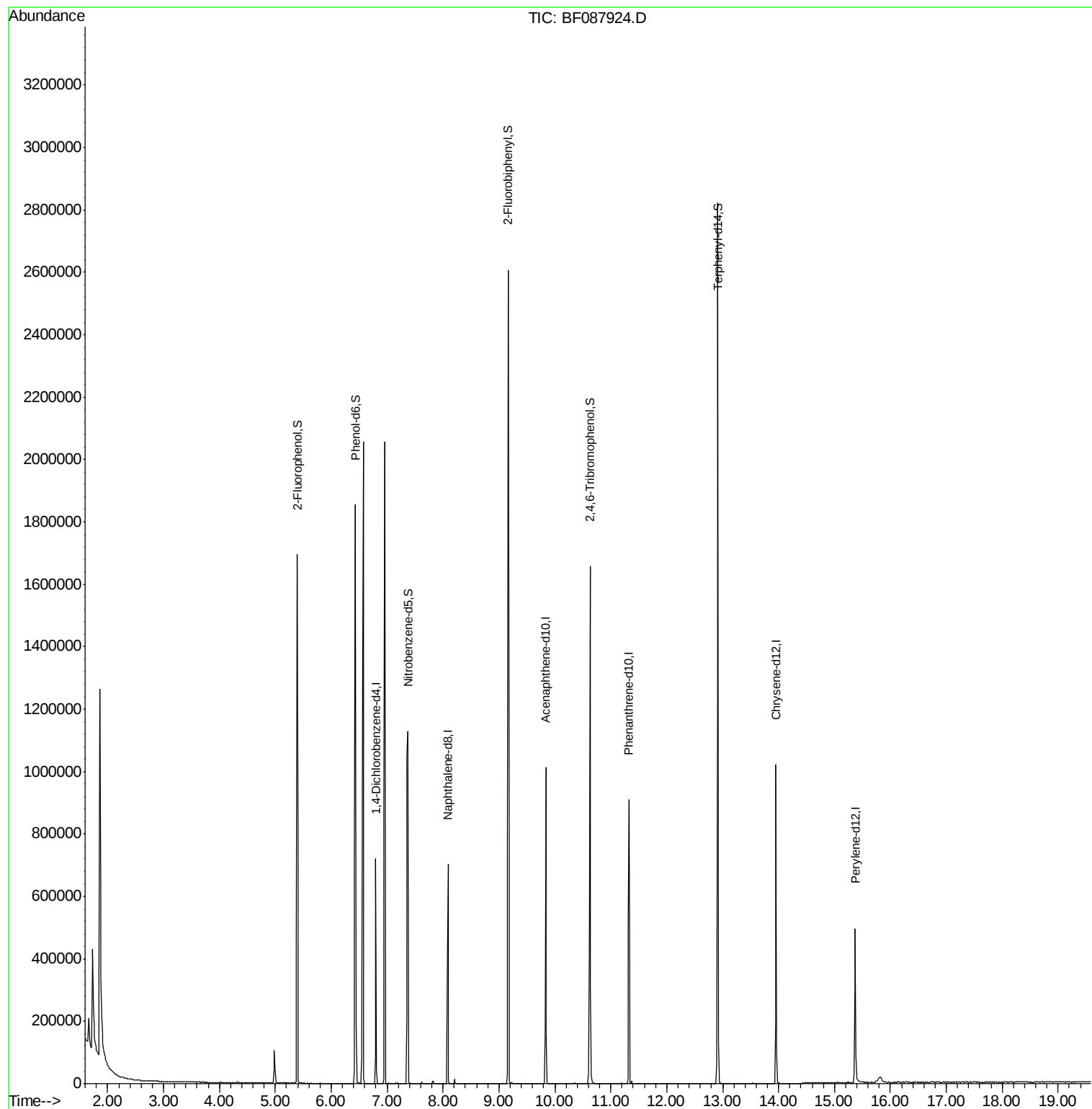
Target Compounds Qvalue

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

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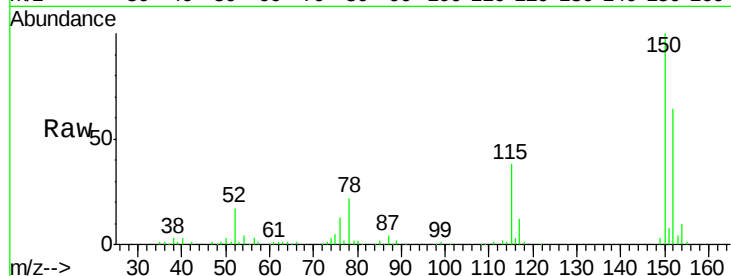


#1

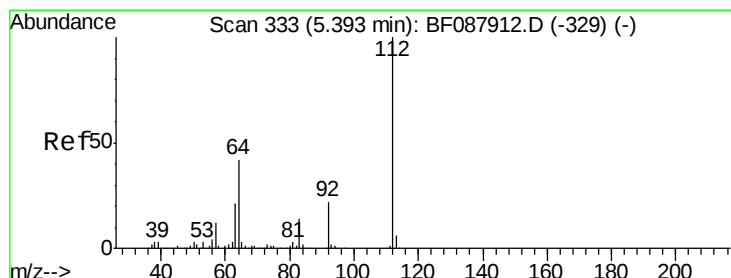
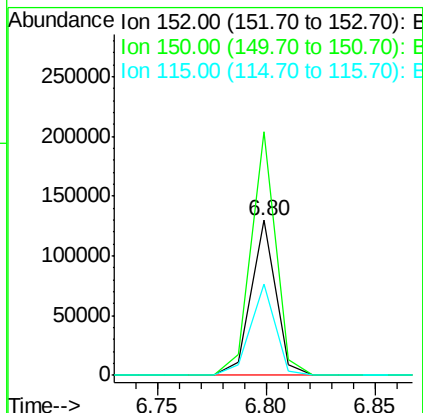
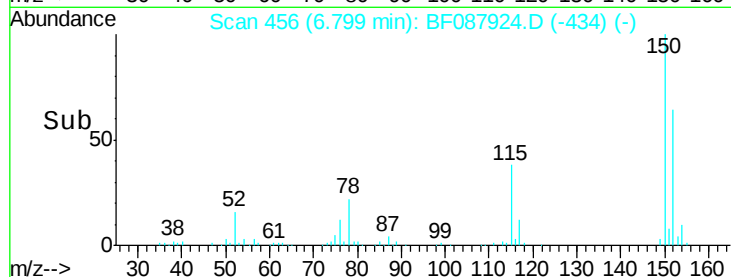
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF087924.D
Acq: 12 Jun 2016 2:55

Instrument :
BNA_F
ClientSampleId :
PB91188BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.8	185.6
115	59.0	39.6	59.4



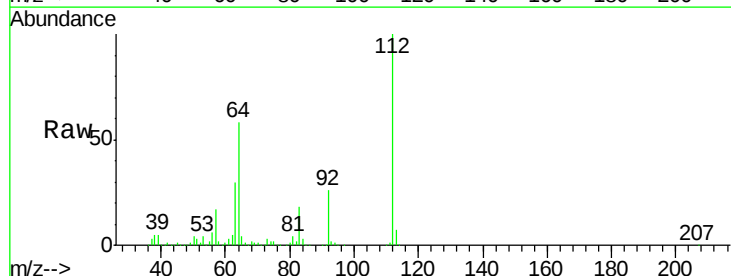
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



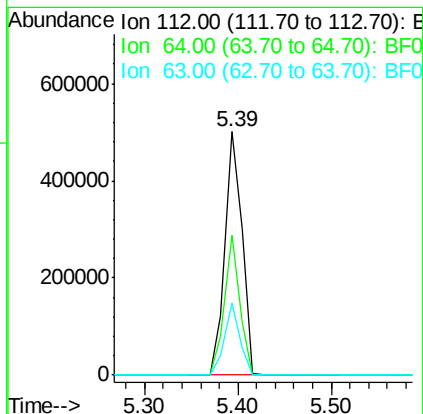
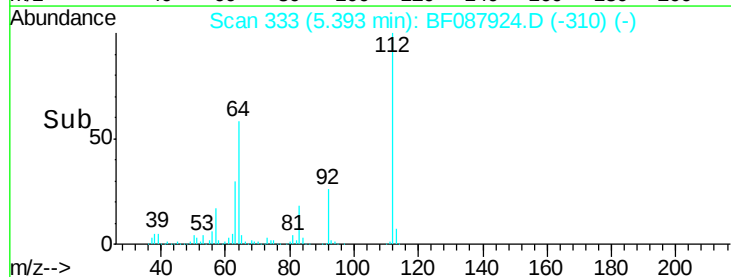
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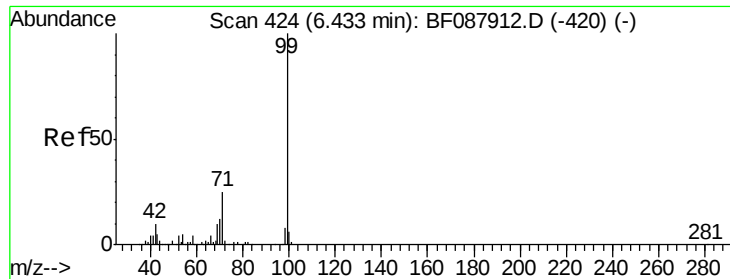
2-Fluorophenol
Concen: 106.02 ng
RT: 5.39 min Scan# 333
Delta R.T. -0.03 min
Lab File: BF087924.D
Acq: 12 Jun 2016 2:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	42.2	63.2
63	29.7	21.8	32.8



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: 100.99 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.05 min

Lab File: BF087924.D

Acq: 12 Jun 2016 2:55

Instrument :

BNA_F

ClientSampleId :

PB91188BL

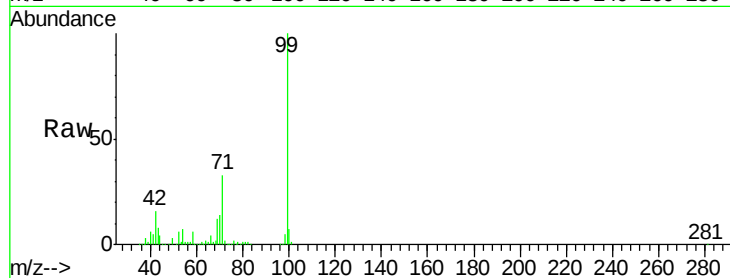
Tot Ion: 99 Resp: 736825

Ion Ratio Lower Upper

99 100

42 16.2 12.2 18.2

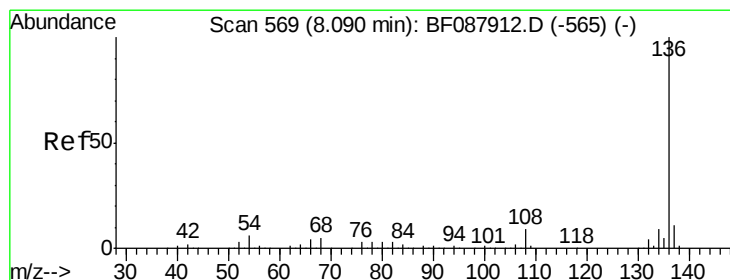
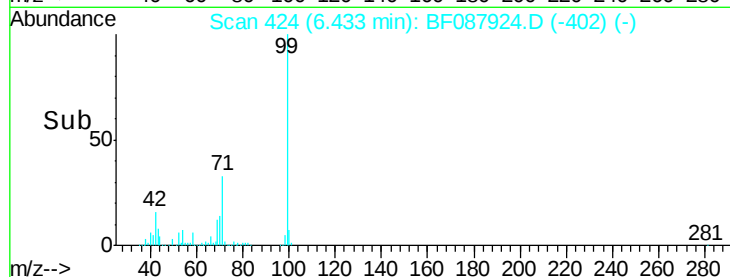
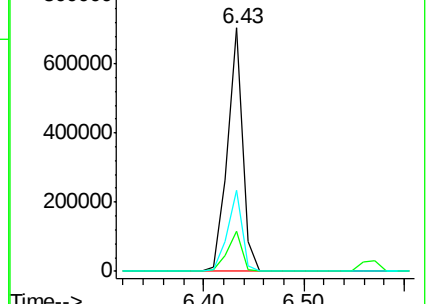
71 33.2 23.4 35.0



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: 8.09 min Scan# 569

Delta R.T. -0.03 min

Lab File: BF087924.D

Acq: 12 Jun 2016 2:55

Tgt Ion: 136 Resp: 409183

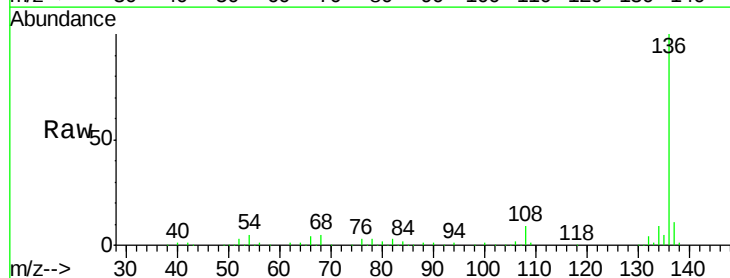
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 5.4 6.6 10.0#

68 4.7 5.1 7.7#

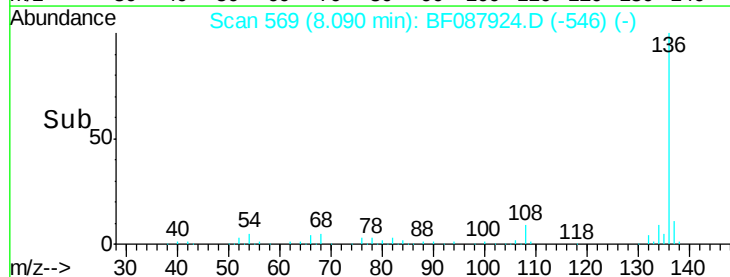
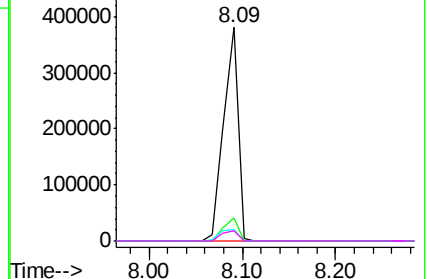


Abundance Ion 136.00 (135.70 to 136.70): E

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

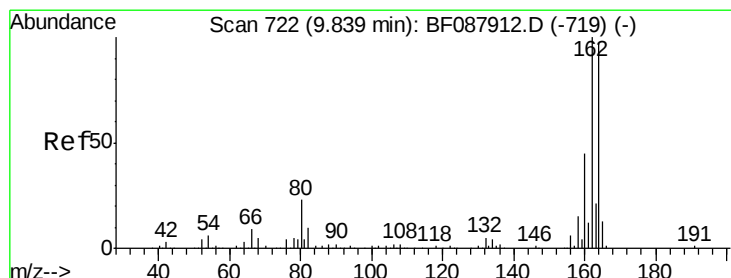
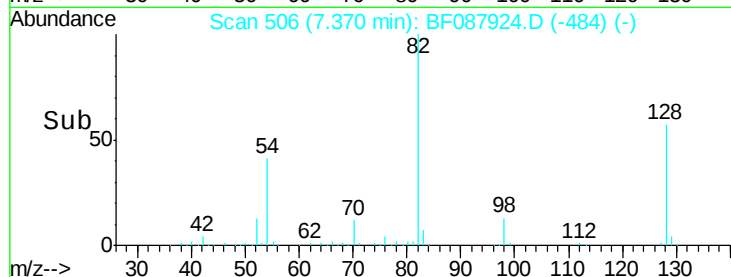
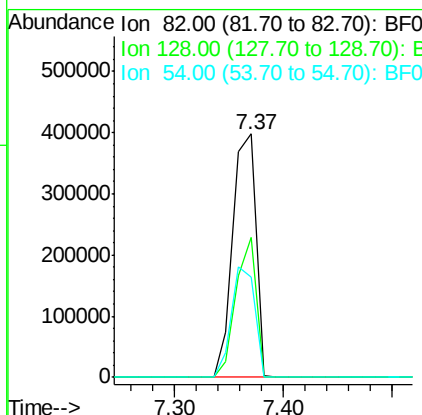
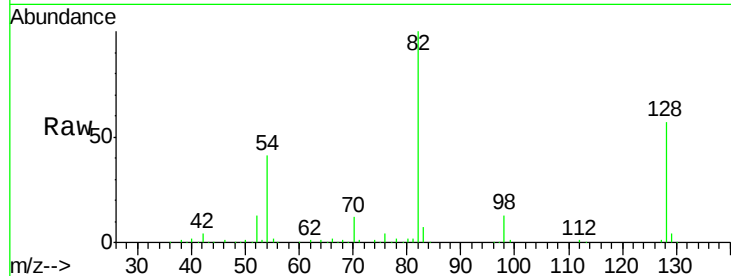




#23
 Nitrobenzene-d5
 Concen: 82.74 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.05 min
 Lab File: BF087924.D
 Acq: 12 Jun 2016 2:55

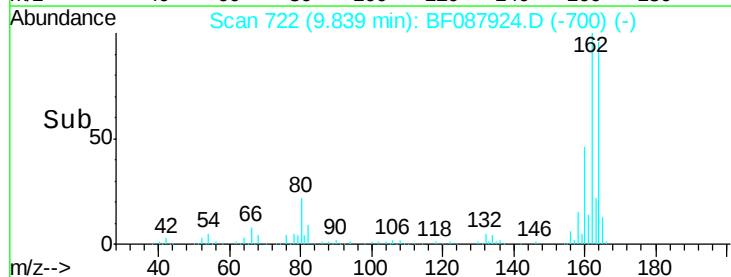
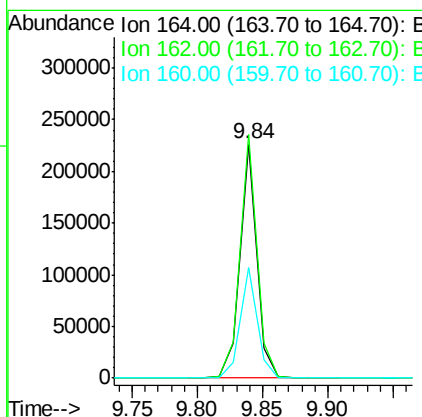
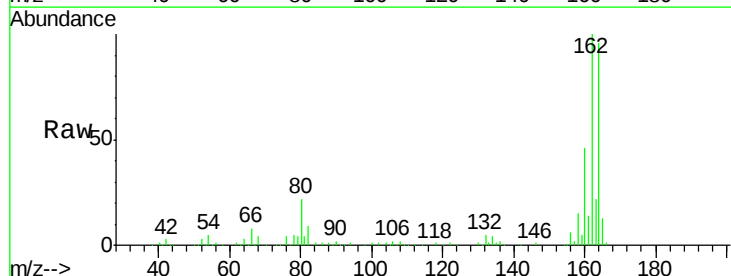
Instrument :
 BNA_F
 ClientSampleId :
 PB91188BL

Tot Ion	82	Resp	579779
Ion Ratio	100		
Lower	35.9		
Upper	53.9		
128	57.3		
54	41.0		
	40.9		
	61.3		



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.05 min
 Lab File: BF087924.D
 Acq: 12 Jun 2016 2:55

Tgt Ion	164	Resp	200354
Ion Ratio	100		
Lower	85.4		
Upper	128.2		
162	104.0		
160	47.4		
	39.5		
	59.3		

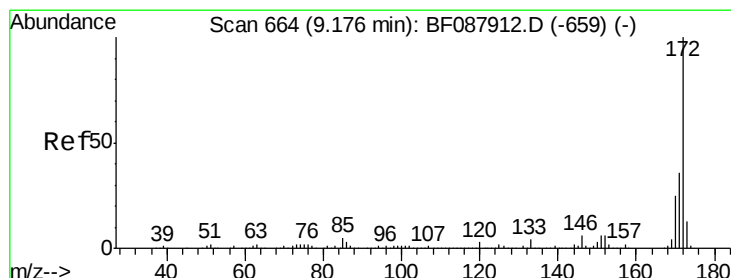
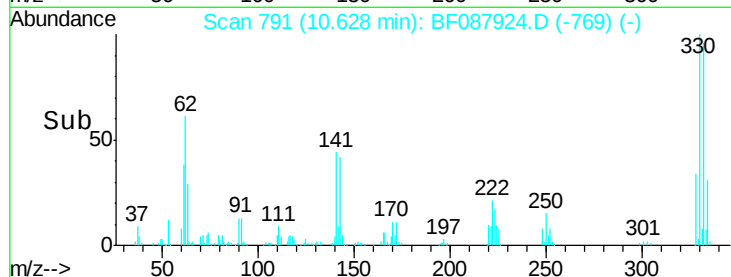
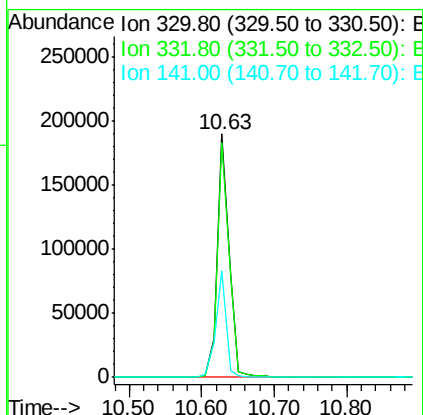
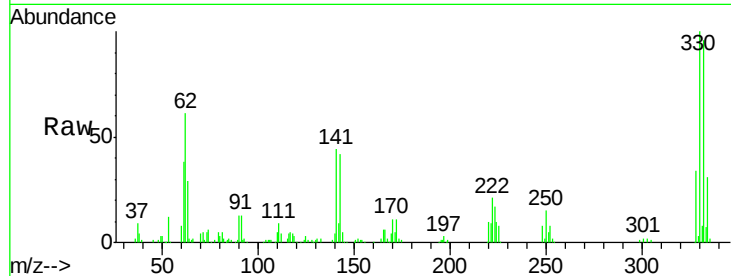




#41
 2,4,6-Tribromophenol
 Concen: 101.74 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.05 min
 Lab File: BF087924.D
 Acq: 12 Jun 2016 2:55

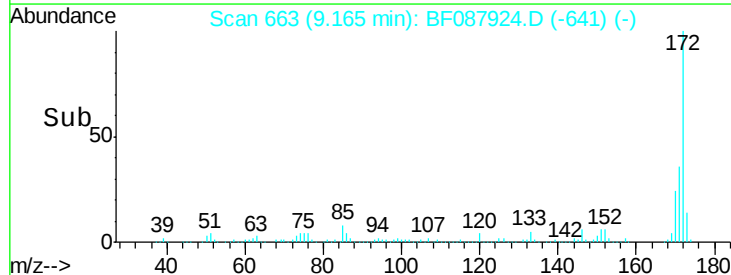
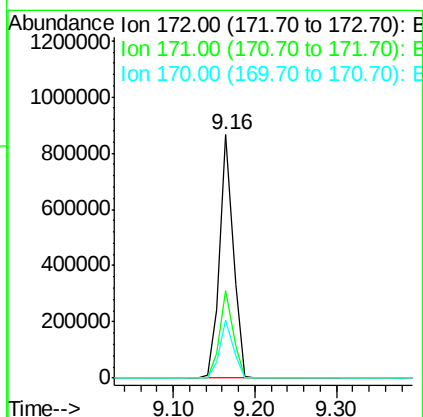
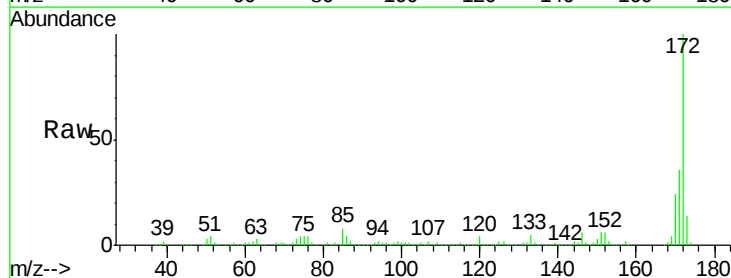
Instrument :
 BNA_F
 ClientSampleId :
 PB91188BL

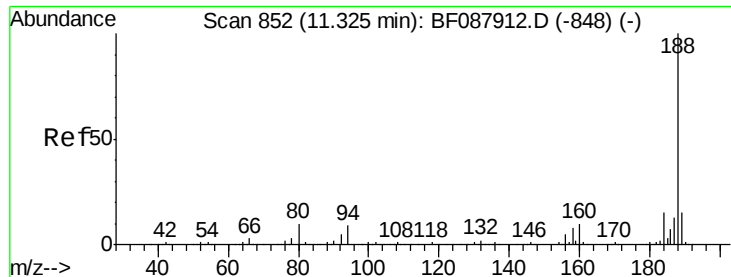
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	38.7	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 78.32 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.05 min
 Lab File: BF087924.D
 Acq: 12 Jun 2016 2:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	24.0	19.2	28.8

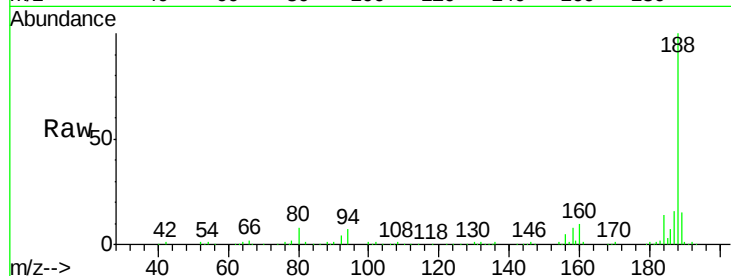




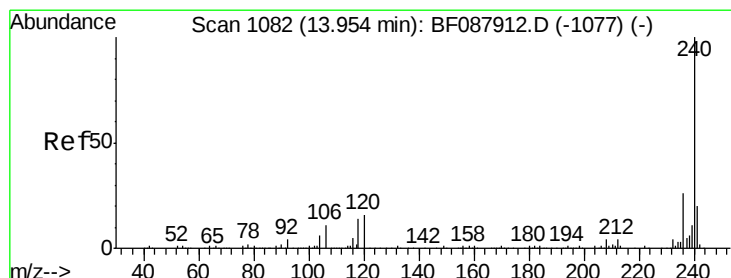
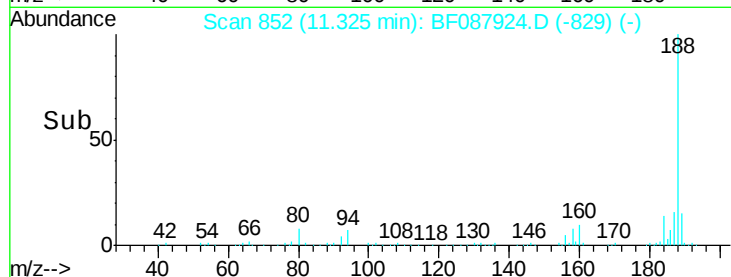
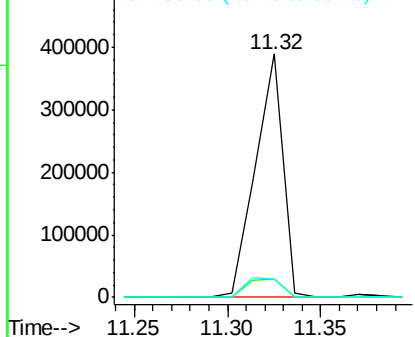
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087924.D
Acq: 12 Jun 2016 2:55

Instrument :
BNA_F
ClientSampleId :
PB91188BL

Tot Ion:188 Resp: 402963
Ion Ratio Lower Upper
188 100
94 7.5 9.0 13.6#
80 7.6 10.0 15.0#

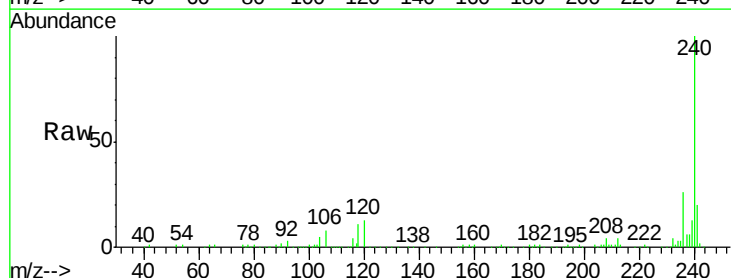


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

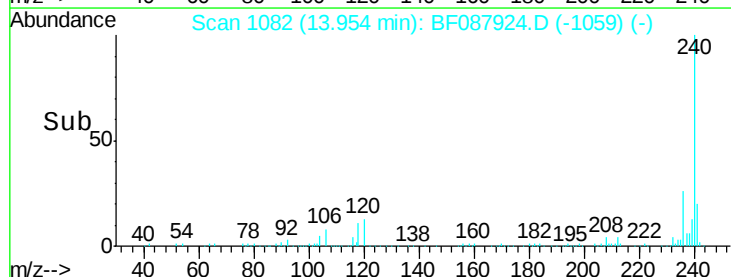
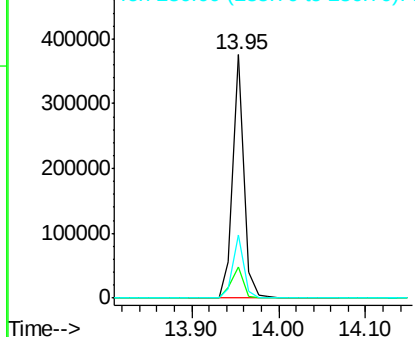


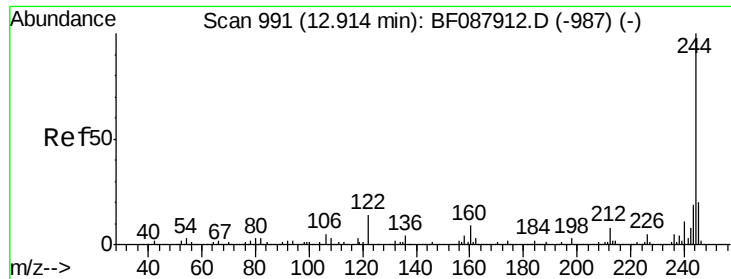
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BF087924.D
Acq: 12 Jun 2016 2:55

Tgt Ion:240 Resp: 330122
Ion Ratio Lower Upper
240 100
120 13.0 6.8 10.2#
236 26.1 20.2 30.2



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

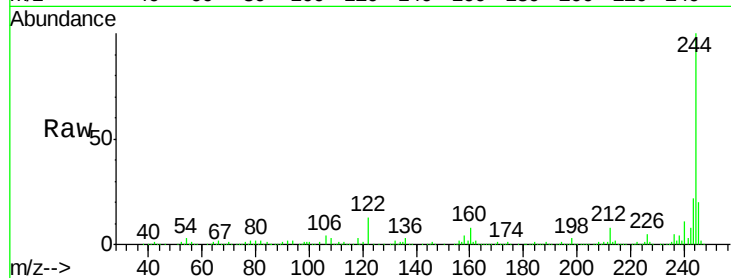




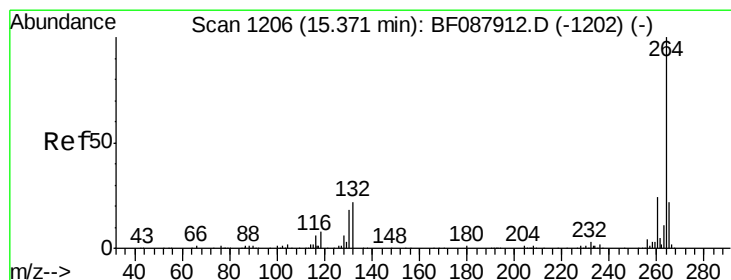
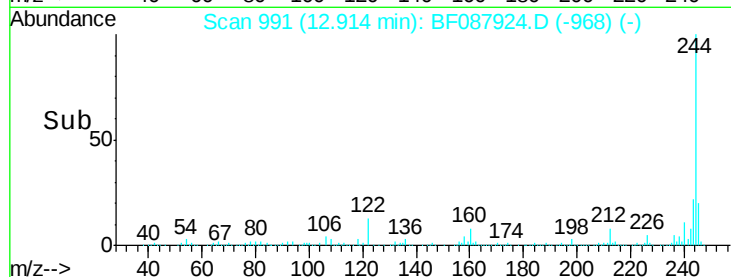
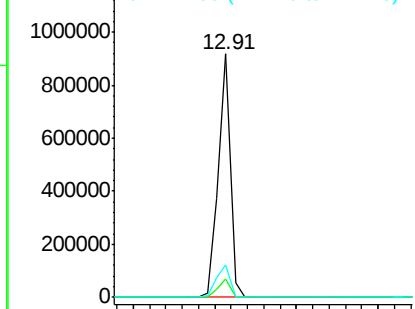
#78
 Terphenyl-d14
 Concen: 64.96 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: BF087924.D
 Acq: 12 Jun 2016 2:55

Instrument :
 BNA_F
 ClientSampleId :
 PB91188BL

Tot Ion:244 Resp: 942461
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 13.2 11.2 16.8

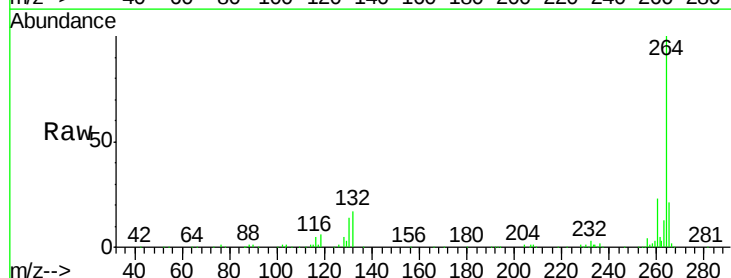


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BF087924.D
 Acq: 12 Jun 2016 2:55

Tgt Ion:264 Resp: 251507
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.3 16.9 25.3



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

