

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
 Data File : BF092908.D
 Acq On : 11 Feb 2017 6:04
 Operator : SJ/MA
 Sample : PB96842TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96842TB

Manual Integrations
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Quant Time: Feb 13 03:01:01 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	141207m	20.00	ng	-0.08
21) Naphthalene-d8	8.18	136	595399	20.00	ng	-0.08
38) Acenaphthene-d10	9.94	164	338215	20.00	ng	-0.07
63) Phenanthrene-d10	11.42	188	527703	20.00	ng	-0.07
75) Chrysene-d12	14.05	240	363651	20.00	ng	-0.09
86) Perylene-d12	15.51	264	310743	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1016828	123.54	ng	-0.07
7) Phenol-d6	6.53	99	1259633	118.94	ng	-0.07
23) Nitrobenzene-d5	7.46	82	735341	68.78	ng	-0.08
41) 2,4,6-Tribromophenol	10.73	330	235618	96.32	ng	-0.08
44) 2-Fluorobiphenyl	9.25	172	1397699	74.87	ng	-0.08
78) Terphenyl-d14	13.00	244	1164837	75.26	ng	-0.08

Target Compounds Qvalue

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

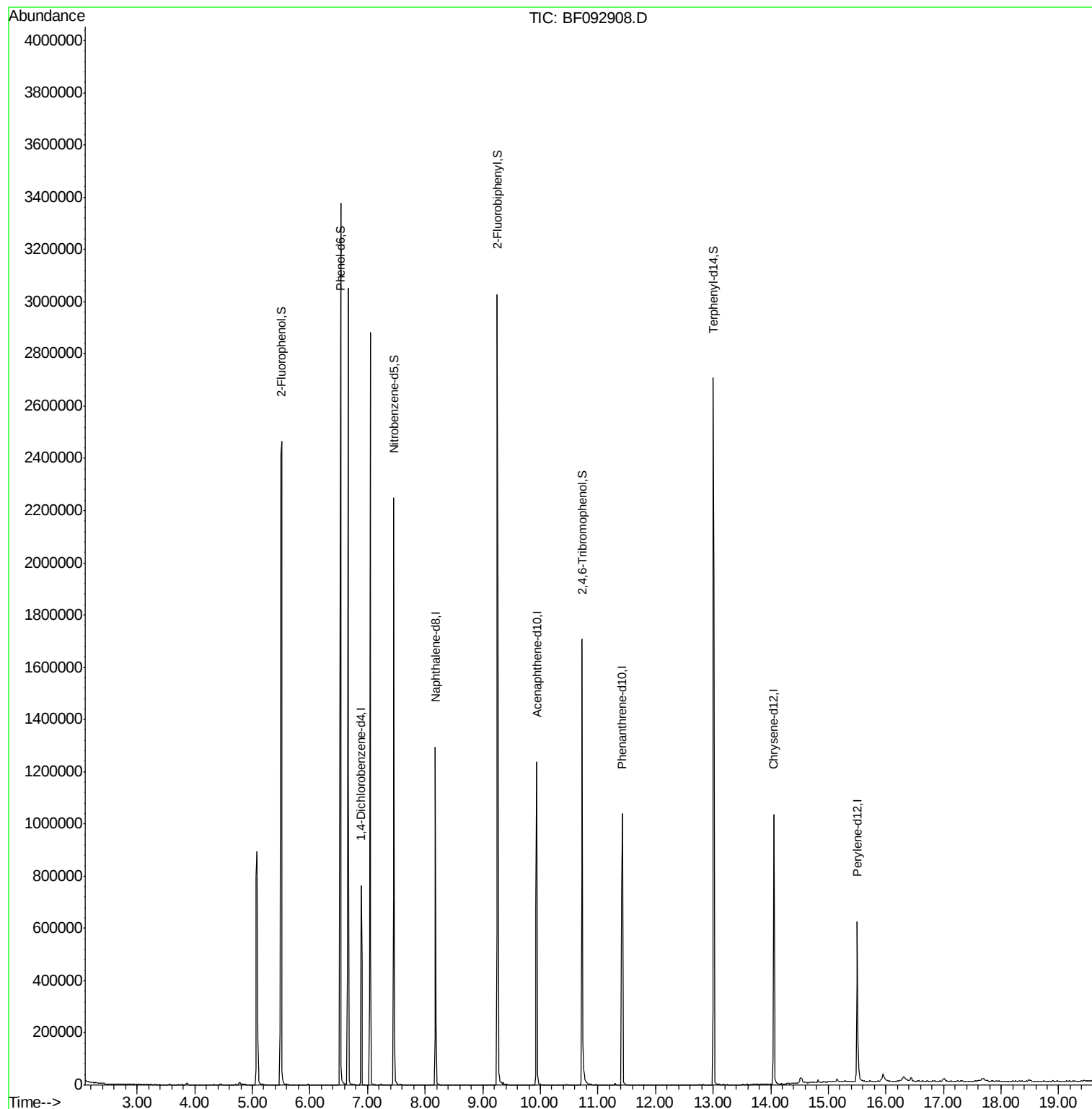
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
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#1

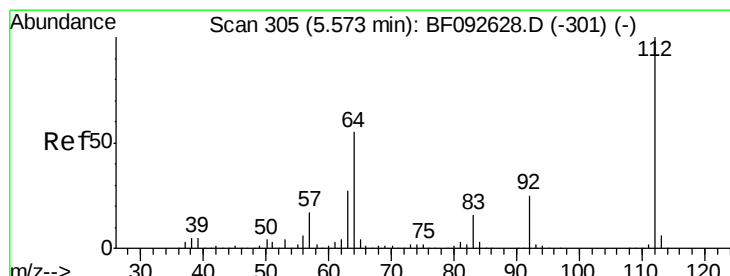
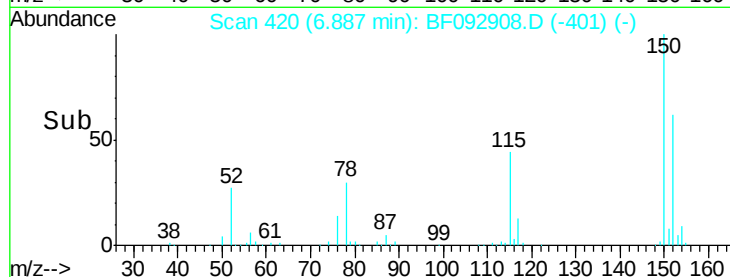
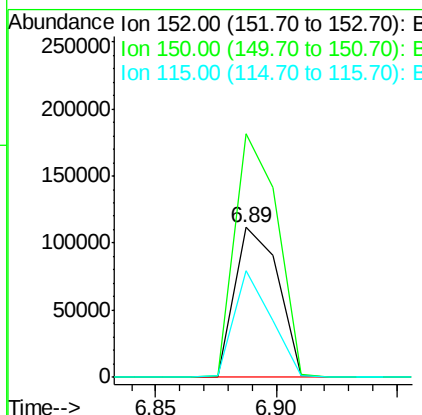
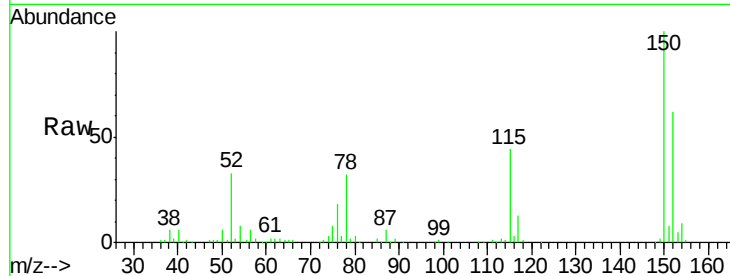
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.89 min Scan# 420
Delta R.T. -0.08 min
Lab File: BF092908.D
Acq: 11 Feb 2017 6:04

Instrument :
BNA_F
ClientSampleId :
PB96842TB

Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.5	124.9	187.3
115	71.5	46.0	69.0

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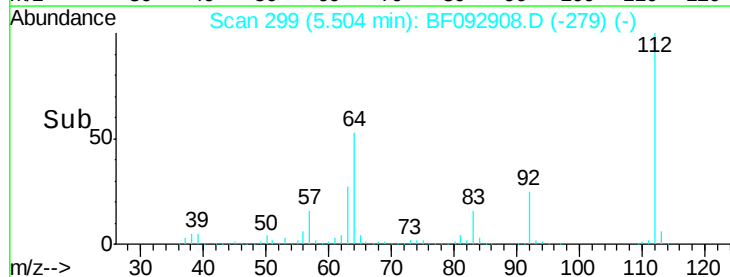
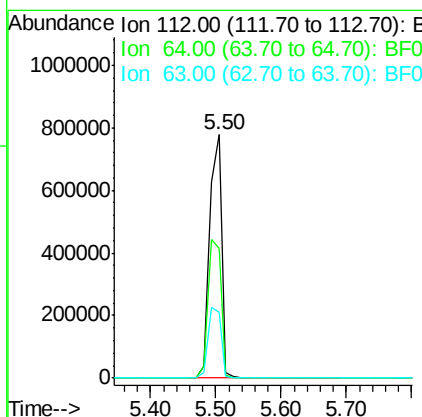
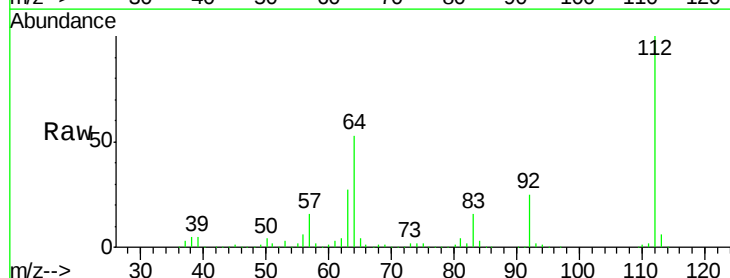
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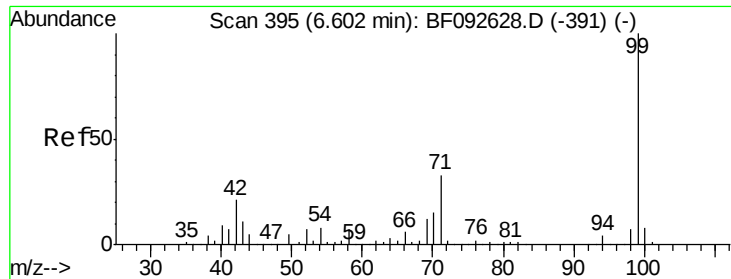


#5

2-Fluorophenol
Concen: 123.54 ng
RT: 5.50 min Scan# 299
Delta R.T. -0.07 min
Lab File: BF092908.D
Acq: 11 Feb 2017 6:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	46.1	69.1
63	27.0	23.8	35.6





#7

Phenol-d6

Concen: 118.94 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.07 min

Lab File: BF092908.D

Acq: 11 Feb 2017 6:04

Instrument :

BNA_F

ClientSampleId :

PB96842TB

Tgt Ion: 99 Resp: 1259633

Ion Ratio Lower Upper

99 100

42 19.0 15.6 23.4

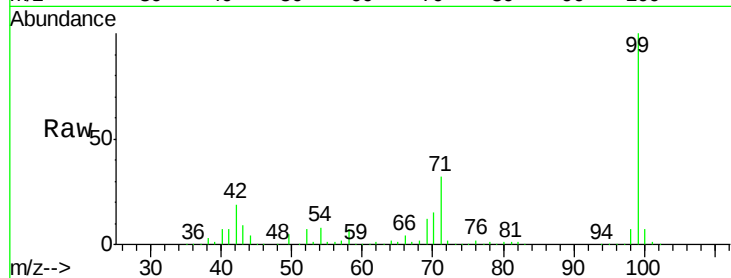
71 32.0 27.5 41.3

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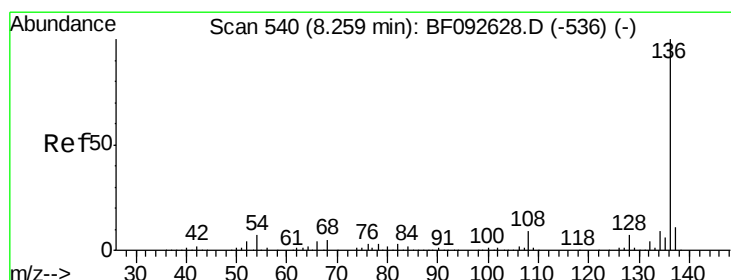
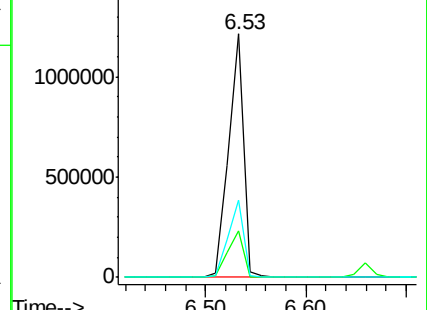
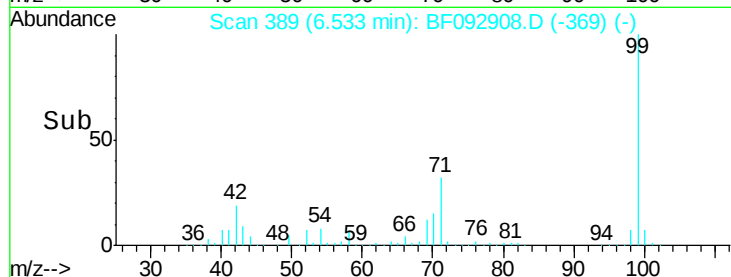
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Abundance Ion 99.00 (98.70 to 99.70): BF0

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. -0.08 min

Lab File: BF092908.D

Acq: 11 Feb 2017 6:04

Tgt Ion: 136 Resp: 595399

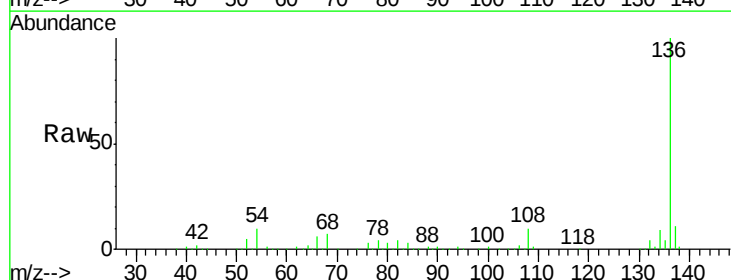
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 10.1 4.5 6.7#

68 6.8 3.6 5.4#

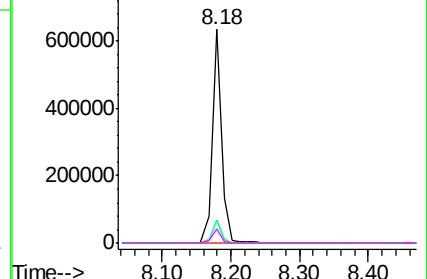
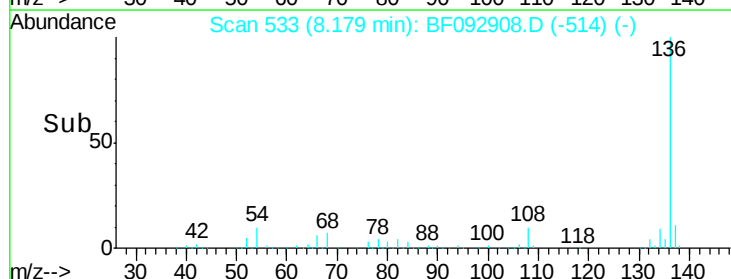


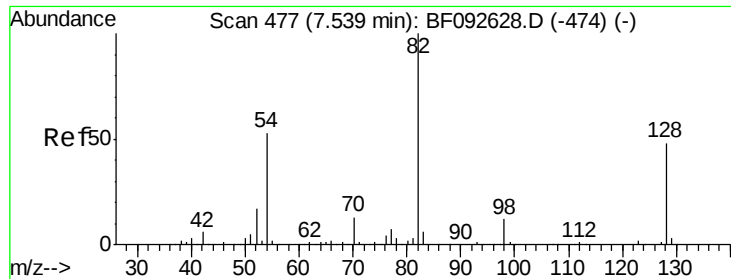
Abundance Ion 136.00 (135.70 to 136.70): E

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





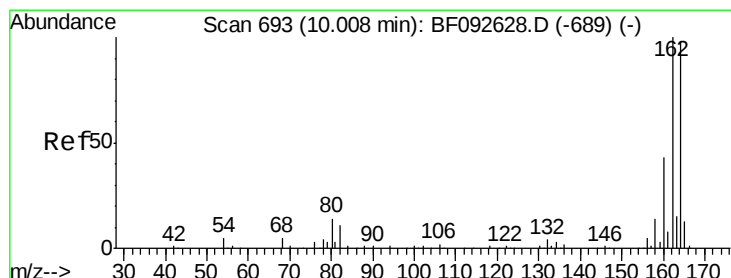
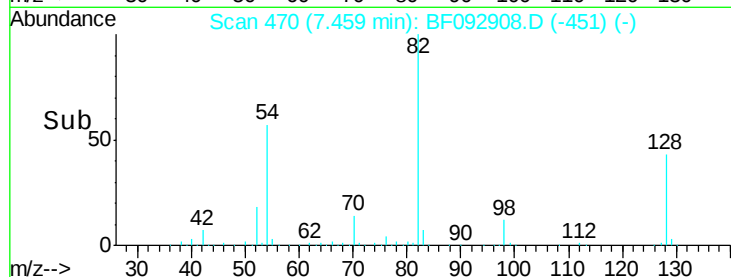
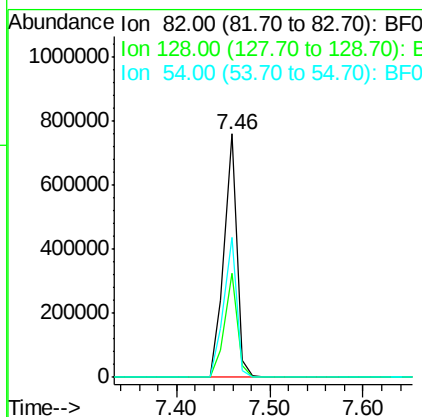
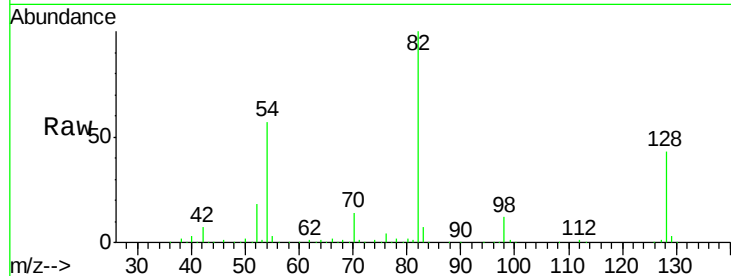
#23
 Nitrobenzene-d5
 Concen: 68.78 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.08 min
 Lab File: BF092908.D
 Acq: 11 Feb 2017 6:04

Instrument :
 BNA_F
 ClientSampleId :
 PB96842TB

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	735341		
128	42.8		34.6	52.0
54	57.5		39.5	59.3

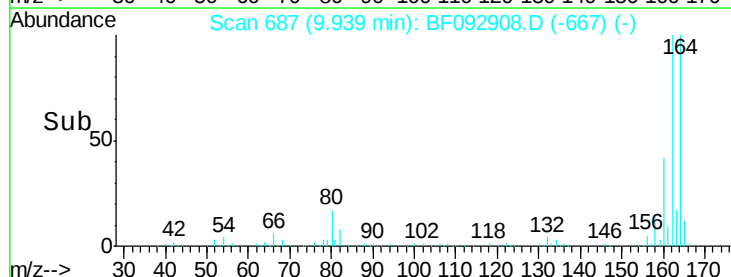
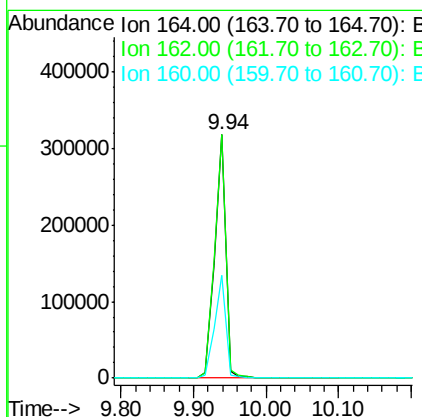
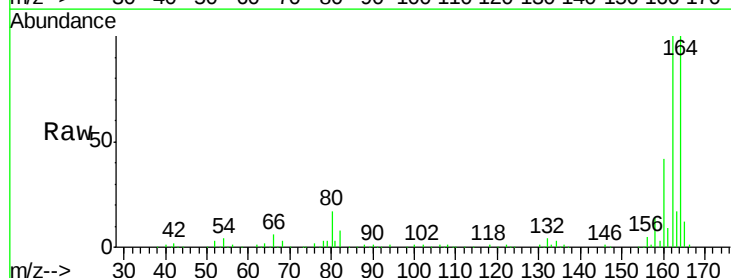
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.07 min
 Lab File: BF092908.D
 Acq: 11 Feb 2017 6:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	338215		
162	100.0		80.2	120.2
160	42.1		36.9	55.3





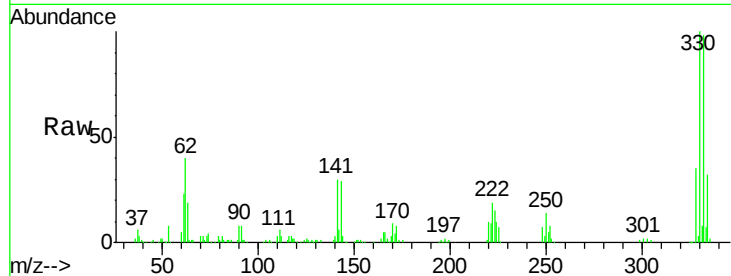
#41
 2,4,6-Tribromophenol
 Concen: 96.32 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.08 min
 Lab File: BF092908.D
 Acq: 11 Feb 2017 6:04

Instrument :
 BNA_F
 ClientSampleId :
 PB96842TB

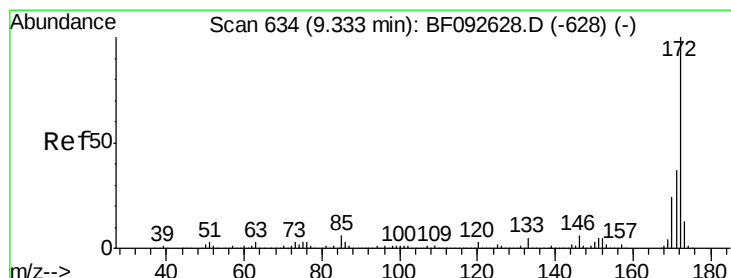
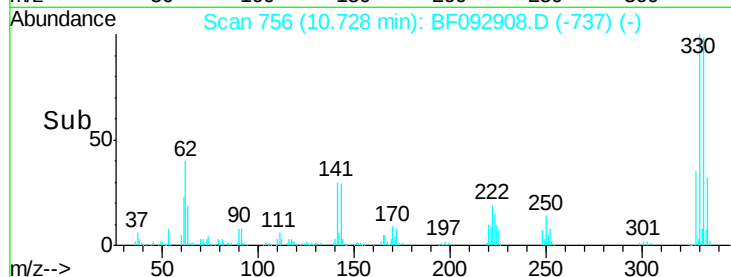
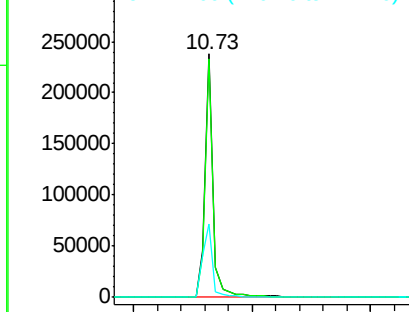
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	235618		
332	96.2	77.4	116.2	
141	36.9	34.1	51.1	

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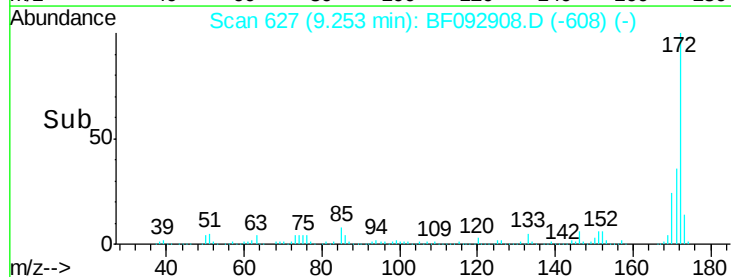
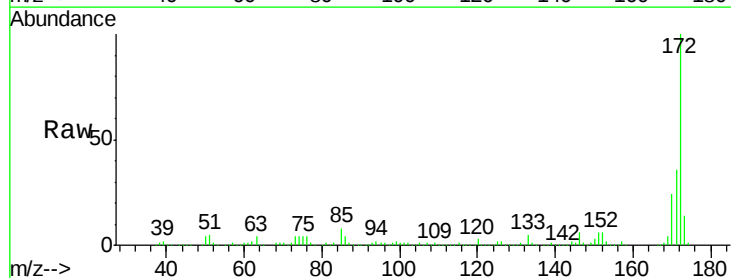
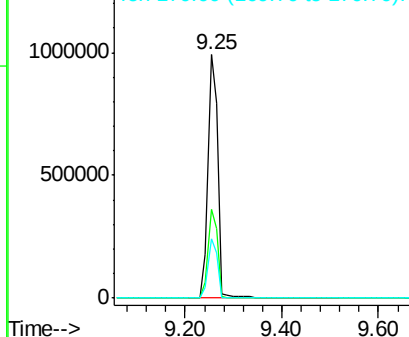
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

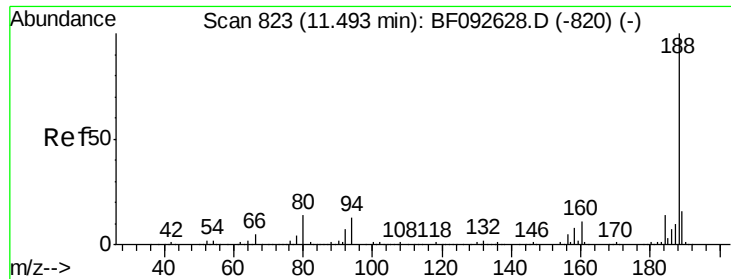


#44
 2-Fluorobiphenyl
 Concen: 74.87 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.08 min
 Lab File: BF092908.D
 Acq: 11 Feb 2017 6:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1397699		
171	36.4	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





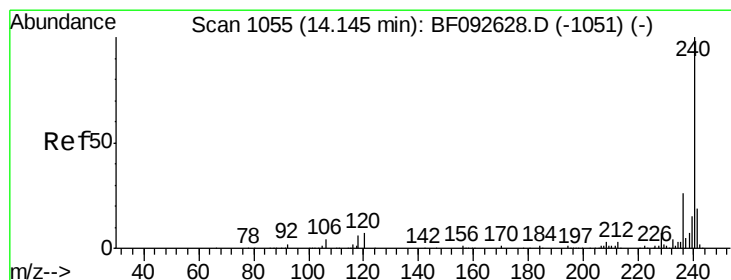
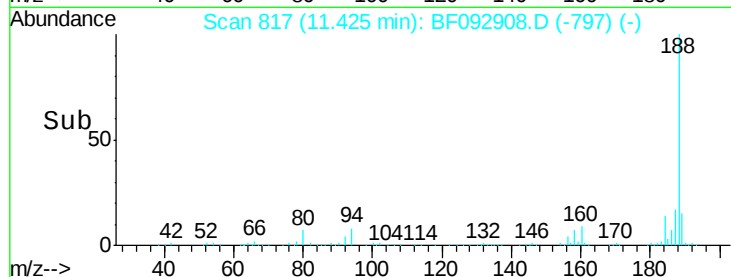
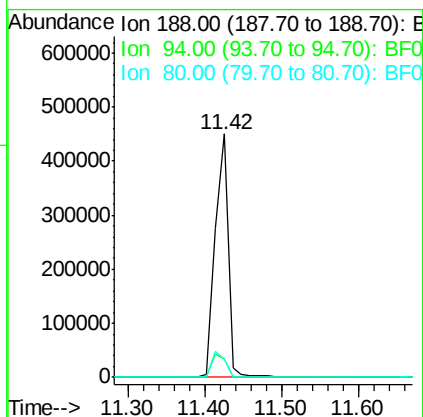
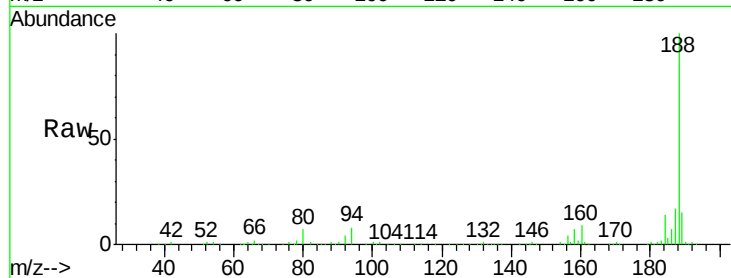
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.07 min
Lab File: BF092908.D
Acq: 11 Feb 2017 6:04

Instrument :
BNA_F
ClientSampleId :
PB96842TB

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.5	10.0	15.0#
80	7.4	11.2	16.8#

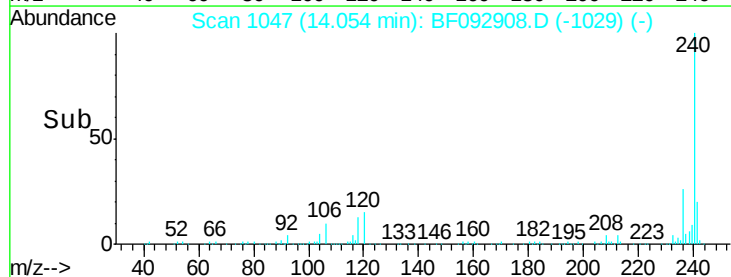
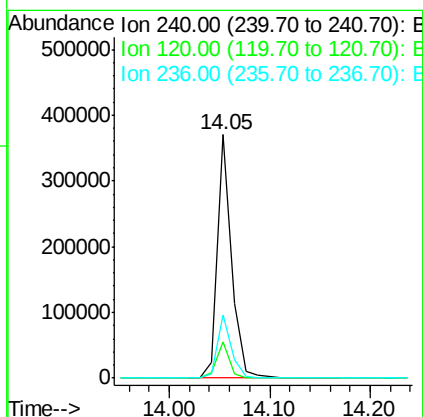
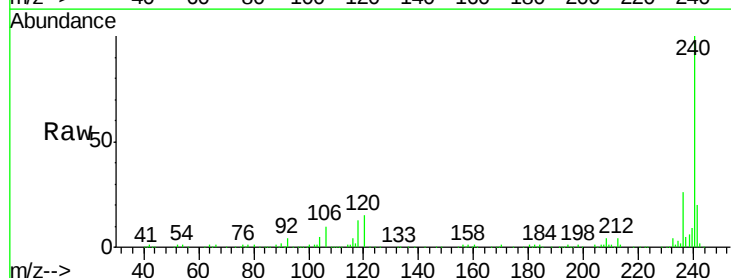
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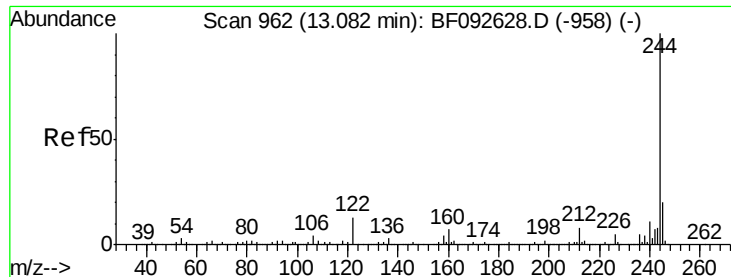
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.09 min
Lab File: BF092908.D
Acq: 11 Feb 2017 6:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	14.8	12.9	19.3
236	26.2	20.9	31.3





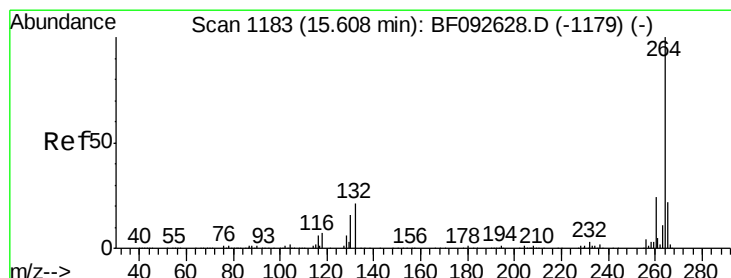
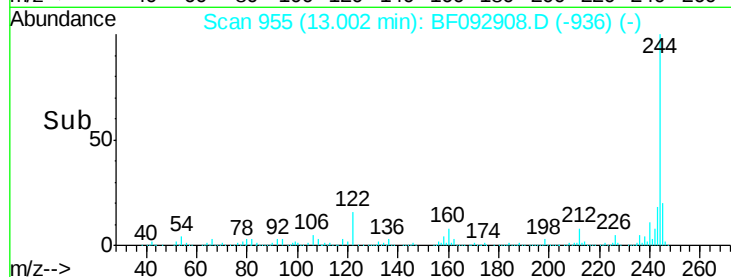
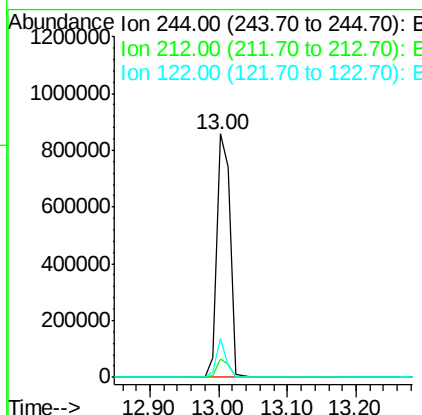
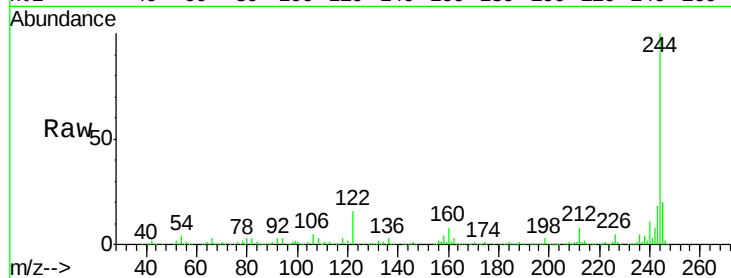
#78
 Terphenyl-d14
 Concen: 75.26 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.08 min
 Lab File: BF092908.D
 Acq: 11 Feb 2017 6:04

Instrument :
 BNA_F
 ClientSampleId :
 PB96842TB

Tgt Ion:244 Resp: 1164837
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 16.1 11.4 17.2

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. -0.10 min
 Lab File: BF092908.D
 Acq: 11 Feb 2017 6:04

Tgt Ion:264 Resp: 310743
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.1 17.4 26.0

