

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
 Data File : BF092833.D
 Acq On : 7 Feb 2017 17:34
 Operator : SJ/MA
 Sample : PB96777BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96777BL

Manual Integrations
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mohammad
 2/8/2017 10:43:04 AM

Quant Time: Feb 08 00:07:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 23:52:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	159955m	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	603263	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	282471	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	381278	20.00	ng	0.00
75) Chrysene-d12	14.07	240	316818	20.00	ng	-0.01
86) Perylene-d12	15.53	264	268839	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1101873	118.18	ng	0.01
7) Phenol-d6	6.54	99	1283617	107.00	ng	0.00
23) Nitrobenzene-d5	7.47	82	895756	82.69	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	214645	105.06	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1183679	75.92	ng	0.00
78) Terphenyl-d14	13.01	244	844819	62.66	ng	-0.01

Target Compounds Qvalue

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

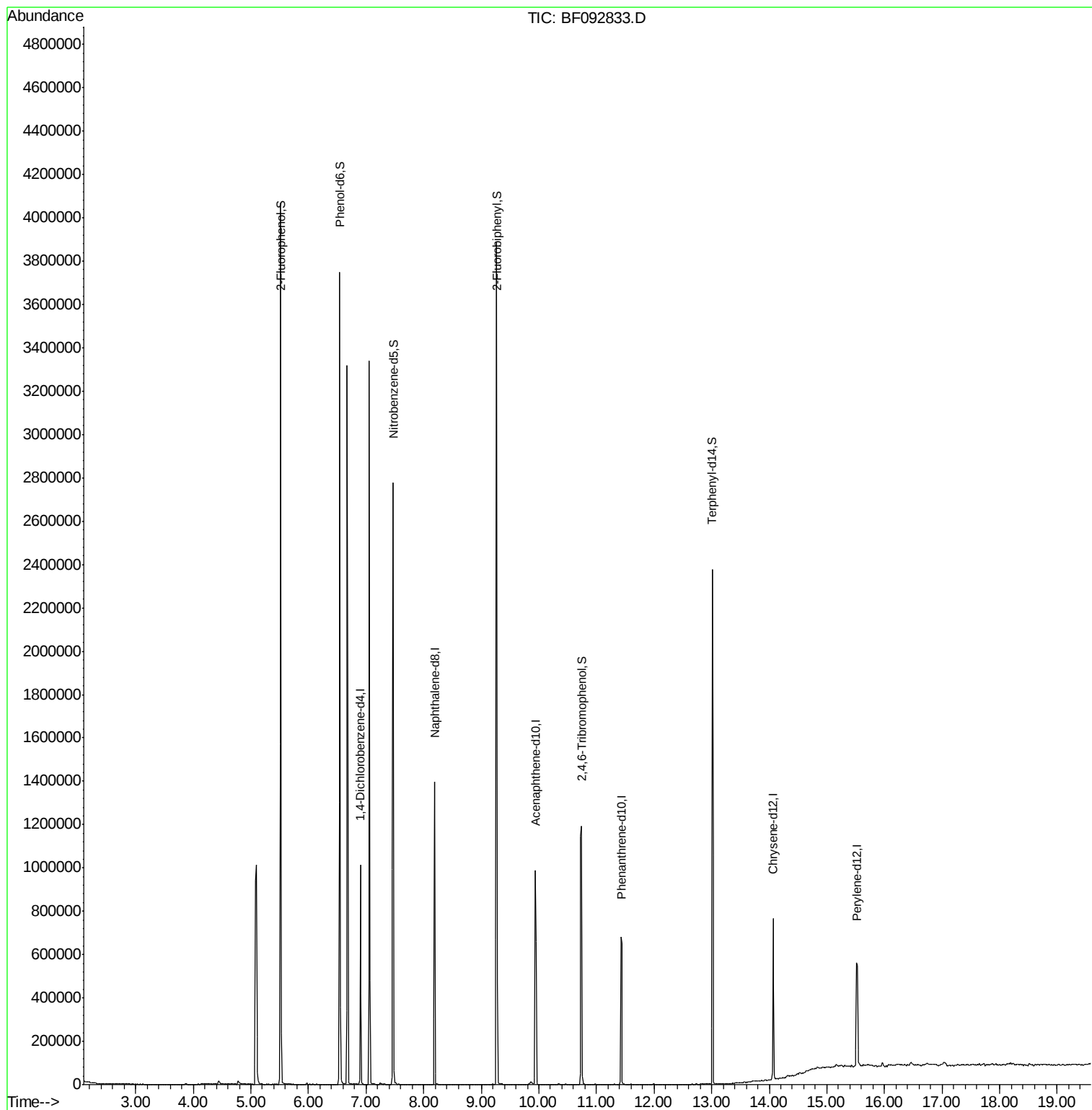
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
Data File : BF092833.D
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ALS Vial : 12 Sample Multiplier: 1

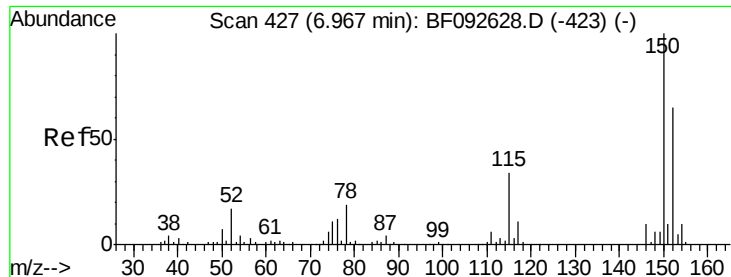
Instrument :
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#1

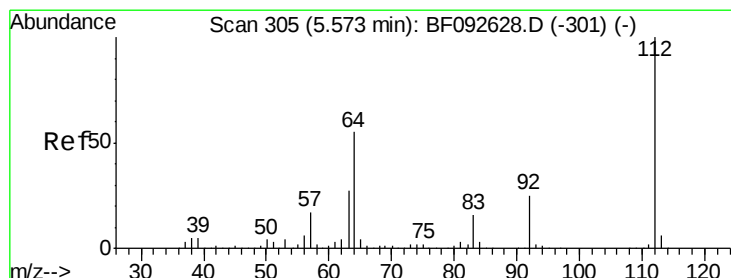
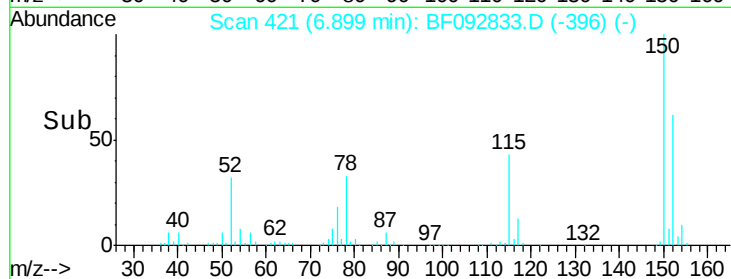
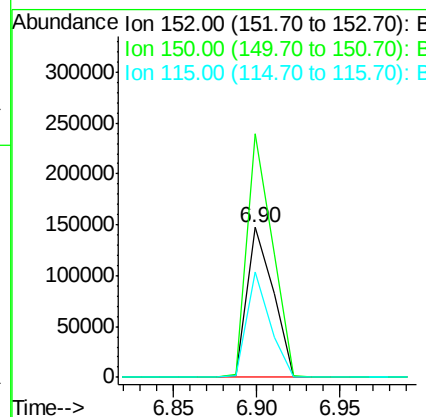
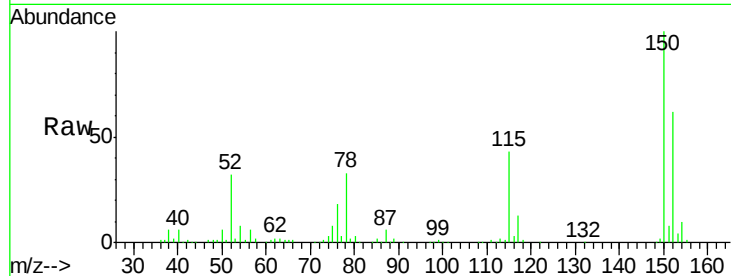
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.90 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF092833.D
Acq: 7 Feb 2017 17:34

Instrument :
BNA_F
ClientSampleId :
PB96777BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.4	124.9	187.3
115	70.4	46.0	69.0

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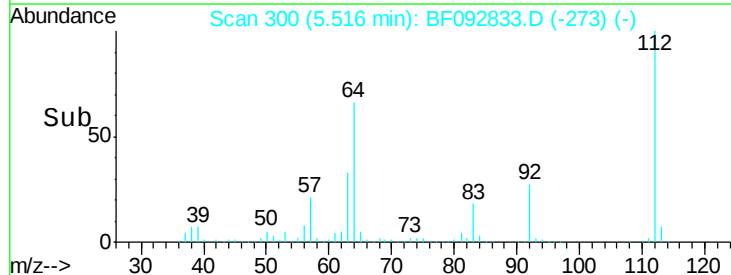
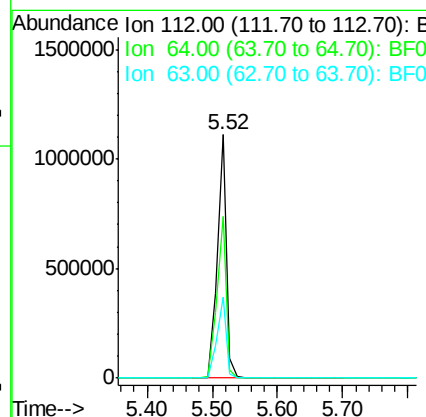
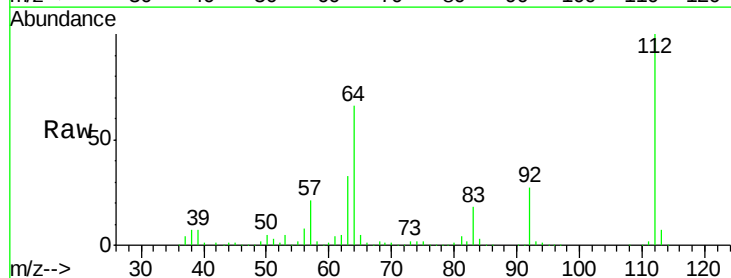
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#5

2-Fluorophenol
Concen: 118.18 ng
RT: 5.52 min Scan# 300
Delta R.T. 0.01 min
Lab File: BF092833.D
Acq: 7 Feb 2017 17:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.3	46.1	69.1
63	33.1	23.8	35.6





#7

Phenol-d6

Concen: 107.00 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF092833.D

Acq: 7 Feb 2017 17:34

Instrument :

BNA_F

ClientSampleId :

PB96777BL

Tot Ion: 99 Resp: 1283617

Ion Ratio Lower Upper

99 100

42 21.1 15.6 23.4

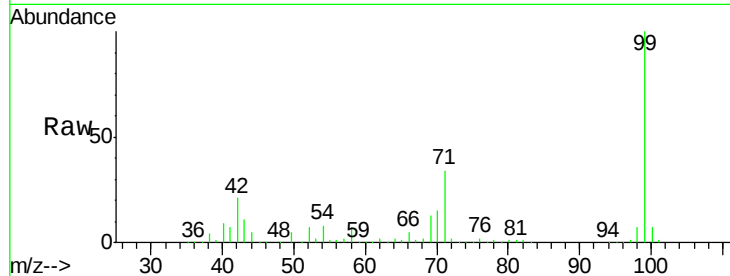
71 33.8 27.5 41.3

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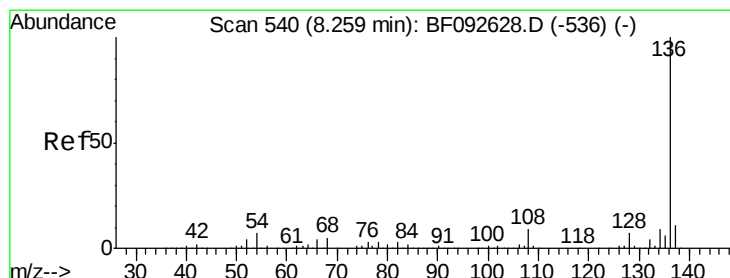
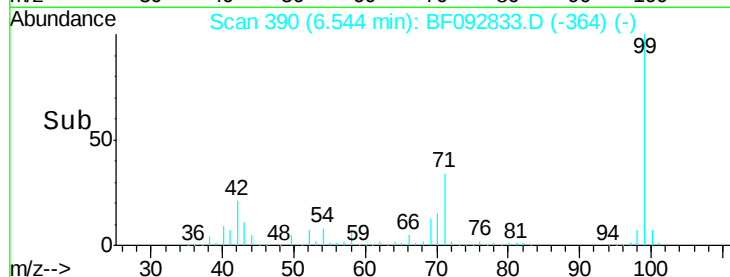
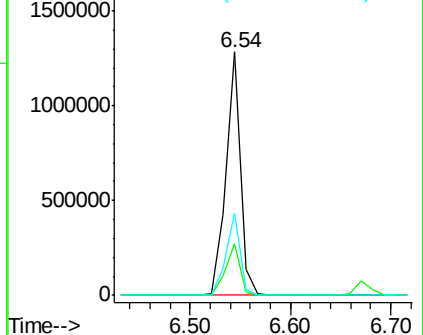
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Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF092833.D

Acq: 7 Feb 2017 17:34

Tgt Ion: 136 Resp: 603263

Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 8.5 4.5 6.7#

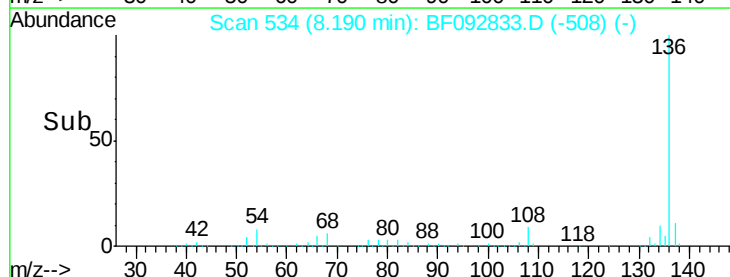
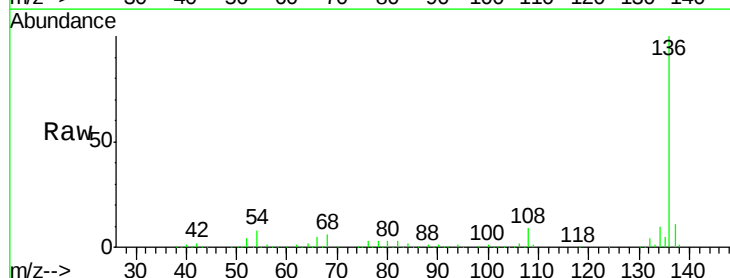
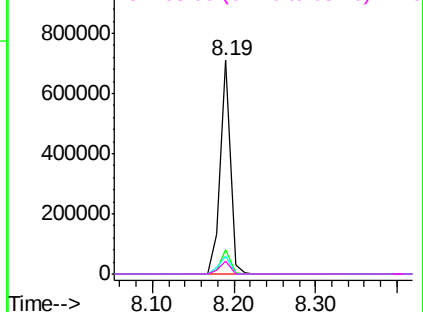
68 5.8 3.6 5.4#

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





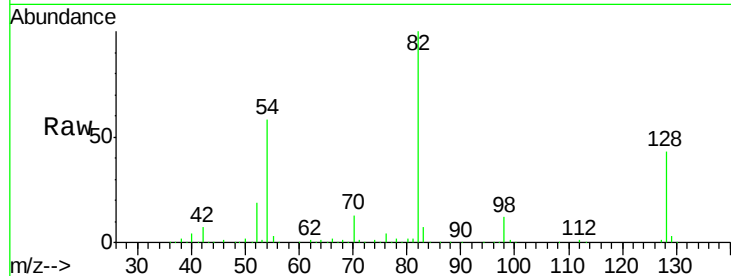
#23
 Nitrobenzene-d5
 Concen: 82.69 ng
 RT: 7.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF092833.D
 Acq: 7 Feb 2017 17:34

Instrument :
 BNA_F
 ClientSampleID :
 PB96777BL

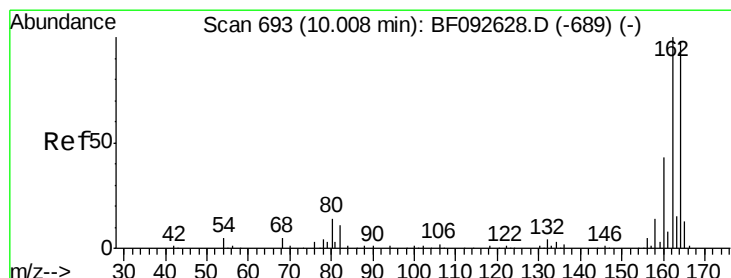
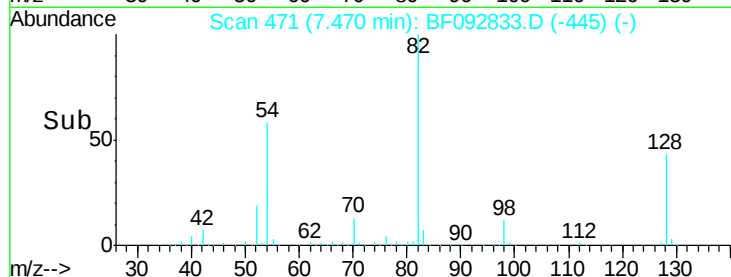
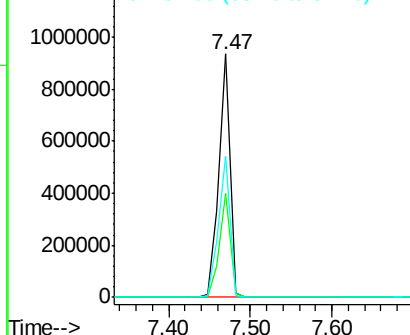
Tot Ion	Ratio	Resp	Lower	Upper
82	100	895756		
128	42.6		34.6	52.0
54	58.1		39.5	59.3

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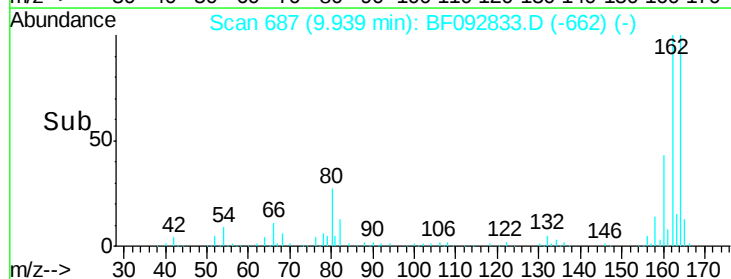
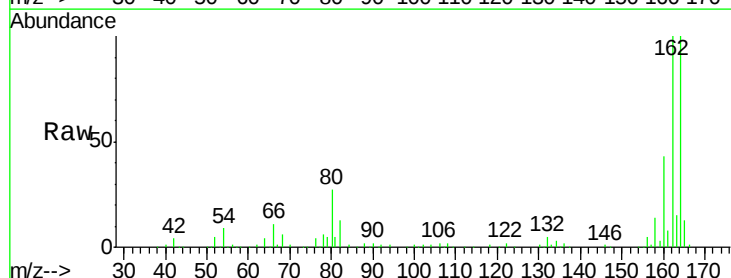
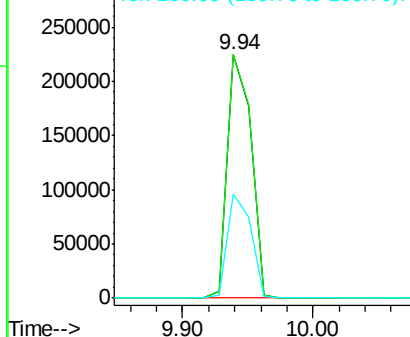
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

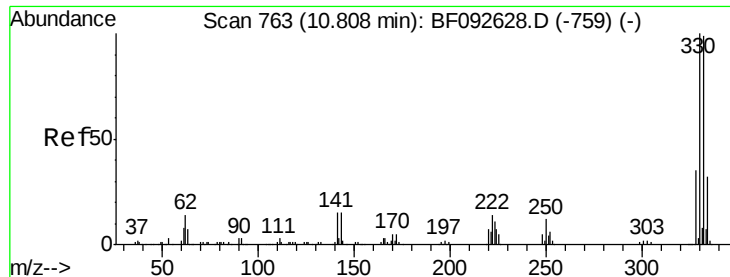


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF092833.D
 Acq: 7 Feb 2017 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	282471		
162	100.0		80.2	120.2
160	42.5		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





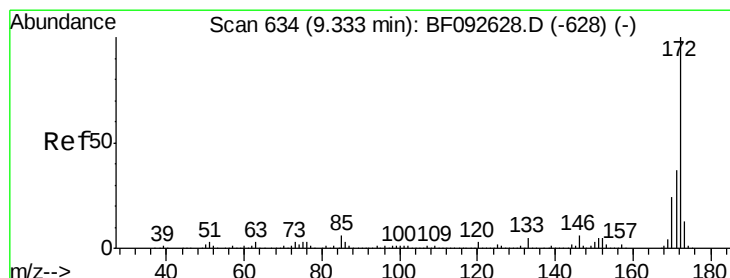
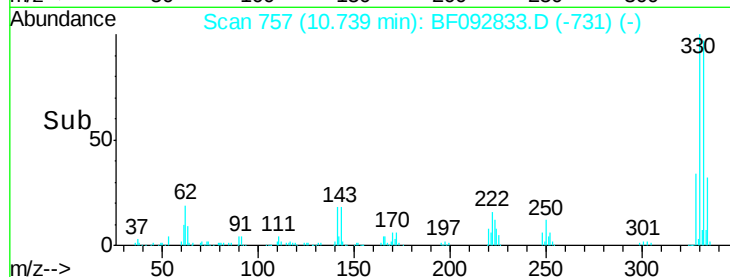
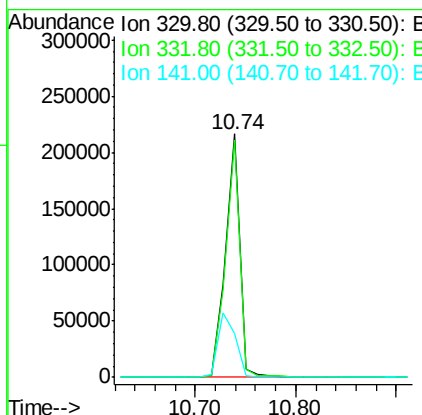
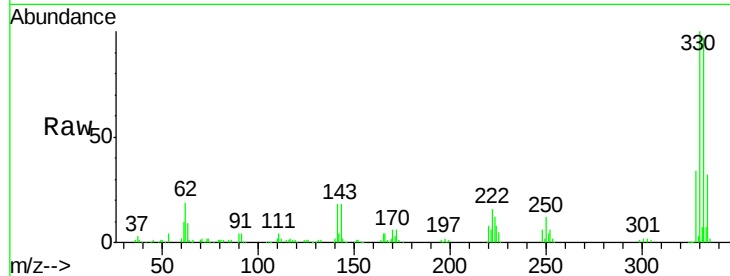
#41
 2,4,6-Tribromophenol
 Concen: 105.06 ng
 RT: 10.74 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF092833.D
 Acq: 7 Feb 2017 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB96777BL

Tot Ion	Ratio	Resp	Lower	Upper
330	100	214645		
332	96.9	77.4	116.2	
141	32.3	34.1	51.1#	

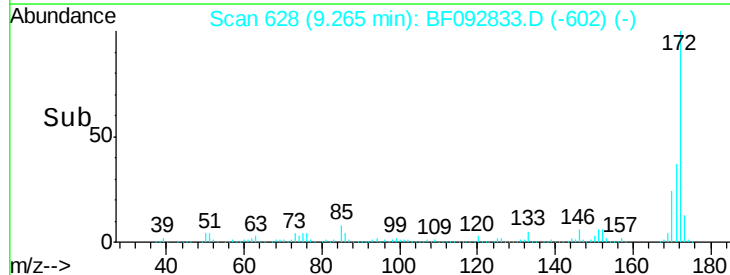
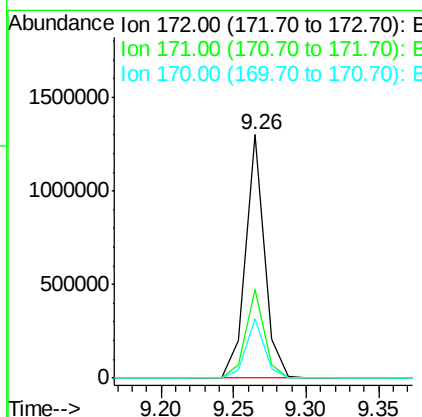
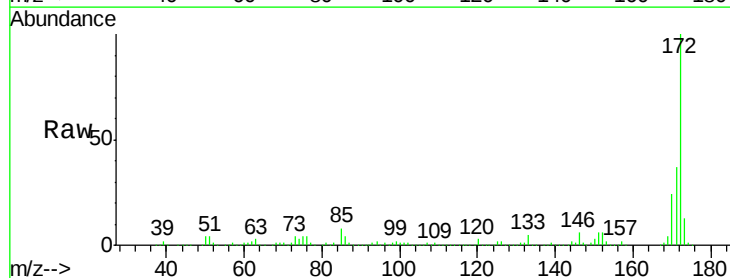
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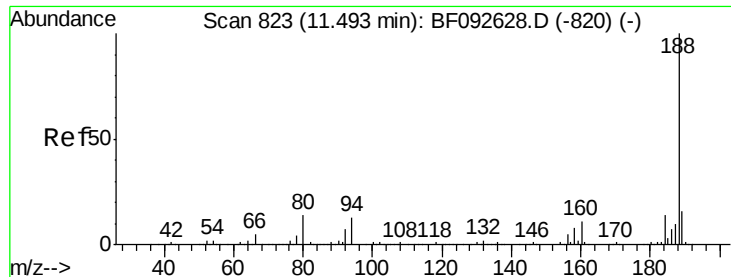
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#44
 2-Fluorobiphenyl
 Concen: 75.92 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF092833.D
 Acq: 7 Feb 2017 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1183679		
171	36.5	29.4	44.0	
170	24.3	20.2	30.4	





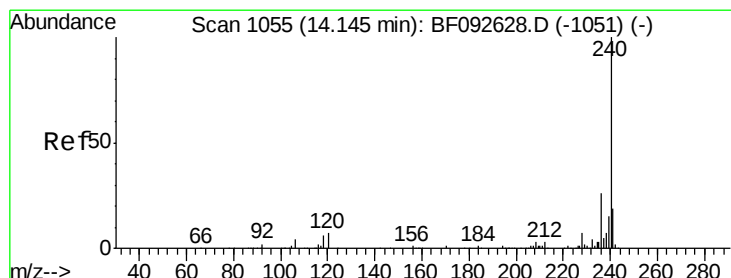
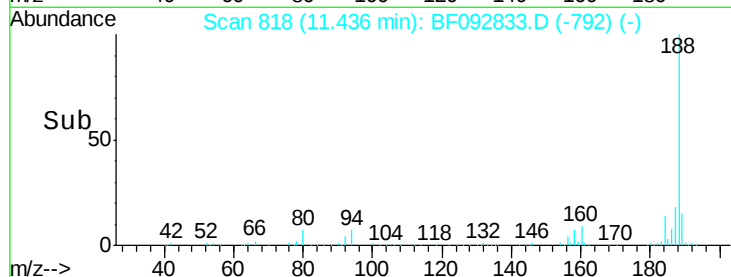
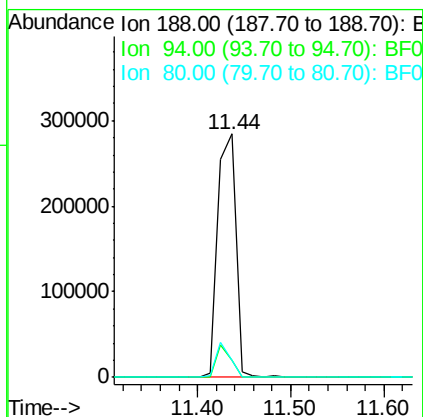
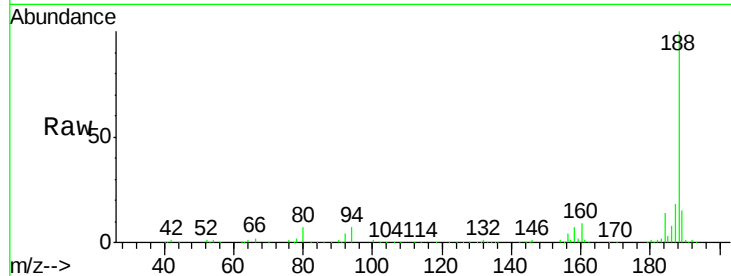
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF092833.D
Acq: 7 Feb 2017 17:34

Instrument :
BNA_F
ClientSampleId :
PB96777BL

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.9	10.0	15.0#
80	7.0	11.2	16.8#

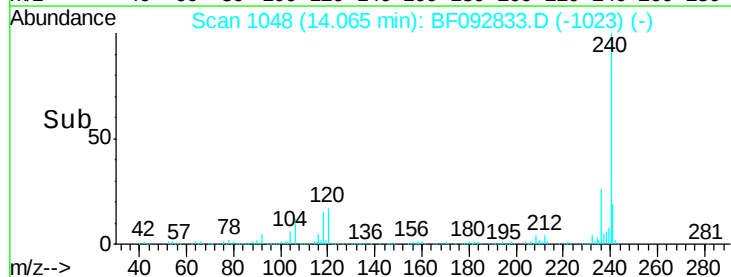
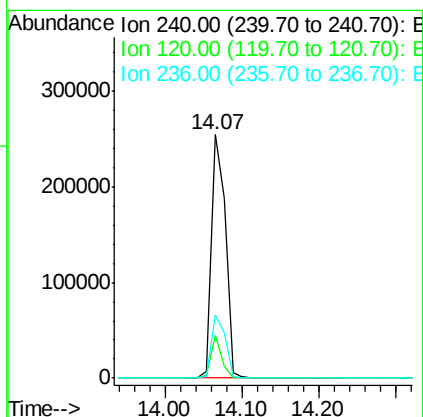
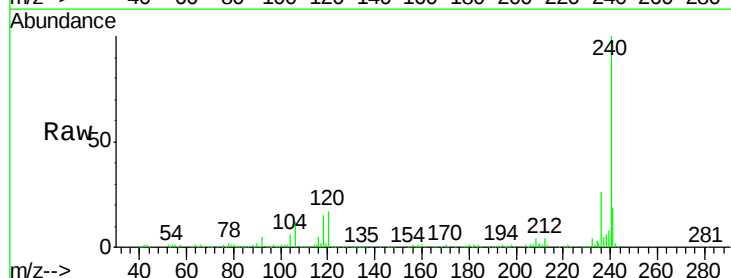
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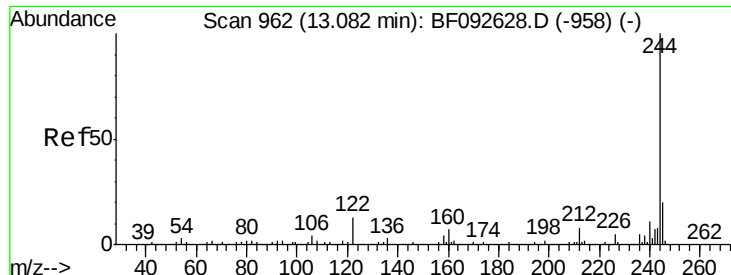
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF092833.D
Acq: 7 Feb 2017 17:34

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	17.4	12.9	19.3
236	25.8	20.9	31.3





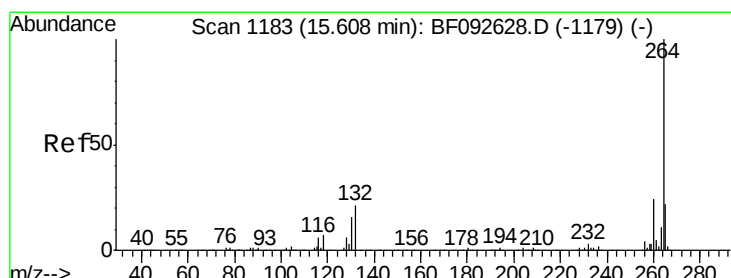
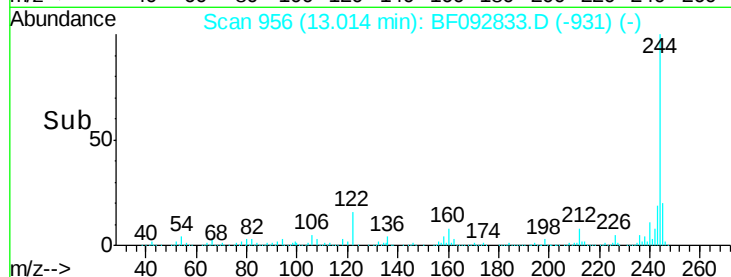
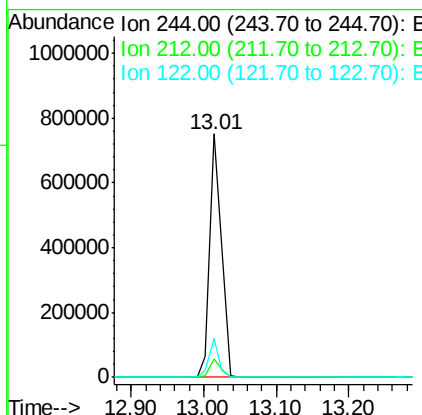
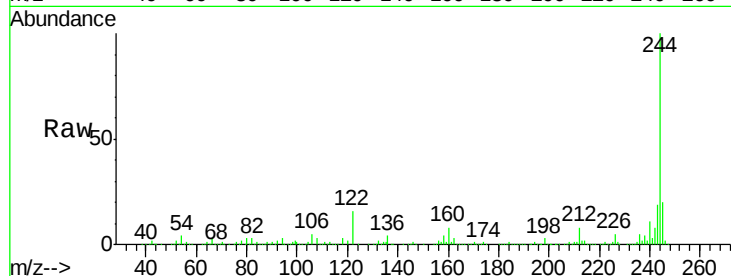
#78
 Terphenyl-d14
 Concen: 62.66 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF092833.D
 Acq: 7 Feb 2017 17:34

Instrument :
 BNA_F
 ClientSampleID :
 PB96777BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	15.9	11.4	17.2

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF092833.D
 Acq: 7 Feb 2017 17:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.4	17.4	26.0

