

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
 Data File : BF087982.D
 Acq On : 13 Jun 2016 14:37
 Operator : UM/SJ
 Sample : H3449-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 19-VE-PILE-WALL(0-2)

Quant Time: Jun 13 15:24:21 2016
 Quant Title :
 QLast Update : Mon Jun 13 14:10:49 2016
 Response via : Initial Calibration

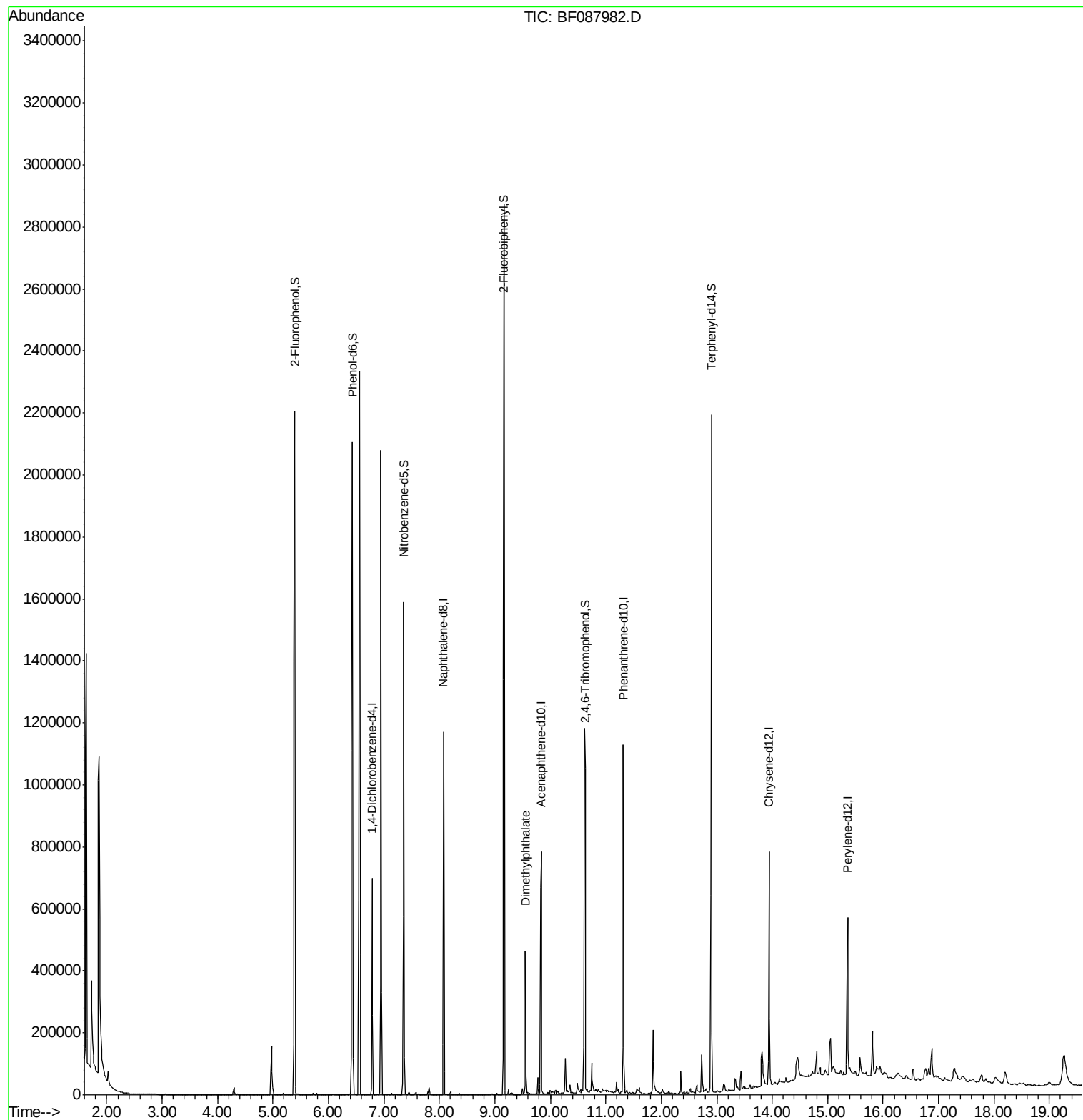
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	116621	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	492060	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	216018	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	368460	20.00	ng	0.00
75) Chrysene-d12	13.94	240	243674	20.00	ng	-0.01
86) Perylene-d12	15.36	264	232365	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	797631	116.92	ng	0.01
7) Phenol-d6	6.43	99	900230	108.89	ng	0.00
23) Nitrobenzene-d5	7.36	82	558405	66.27	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	217897	95.53	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1016284	73.13	ng	0.00
78) Terphenyl-d14	12.90	244	673680	62.91	ng	0.00
Target Compounds						Ovalue
49) Dimethylphthalate	9.55	163	171590	10.97	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.00 min

Lab File: BF087982.D

Acq: 13 Jun 2016 14:37

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19-VE-PILE-WALL(0-2)

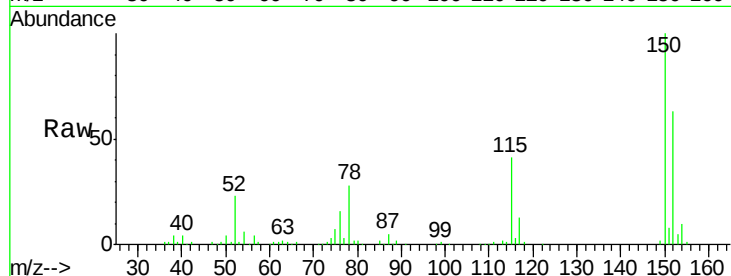
Tot Ion:152 Resp: 116621

Ion Ratio Lower Upper

152 100

150 157.8 123.8 185.6

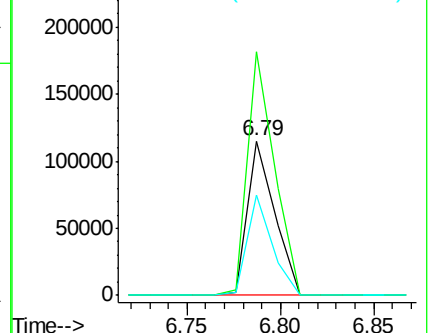
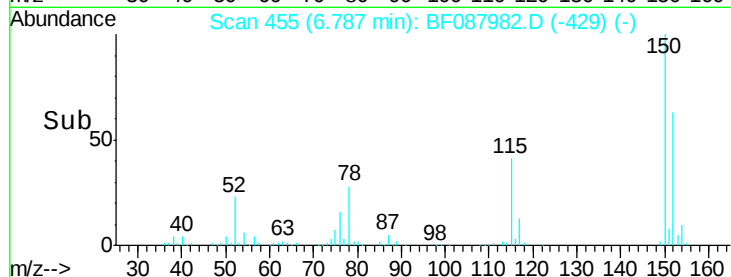
115 65.4 39.6 59.4#



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



#5

2-Fluorophenol

Concen: 116.92 ng

RT: 5.39 min Scan# 333

Delta R.T. 0.01 min

Lab File: BF087982.D

Acq: 13 Jun 2016 14:37

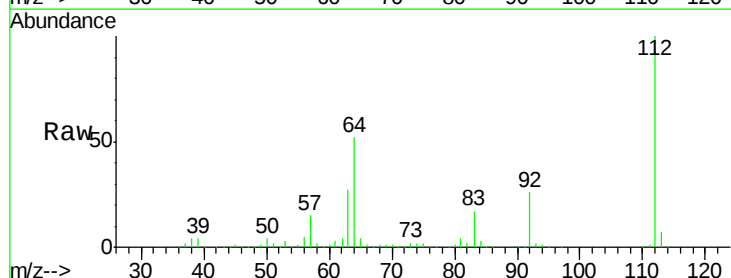
Tgt Ion:112 Resp: 797631

Ion Ratio Lower Upper

112 100

64 52.0 42.2 63.2

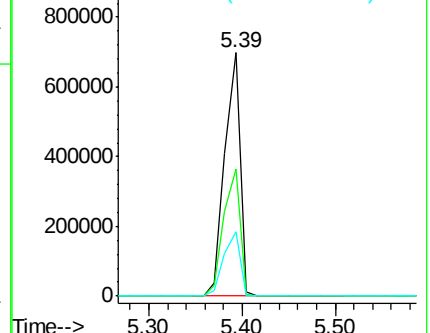
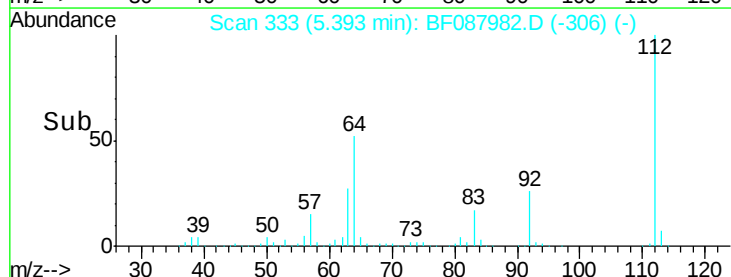
63 26.5 21.8 32.8



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: 108.89 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF087982.D

Acq: 13 Jun 2016 14:37

Instrument :

BNA_F

ClientSampleId :

19-VE-PILE-WALL(0-2)

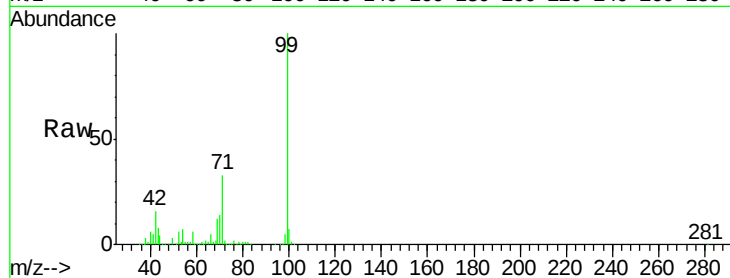
Tot Ion: 99 Resp: 900230

Ion Ratio Lower Upper

99 100

42 16.1 12.2 18.2

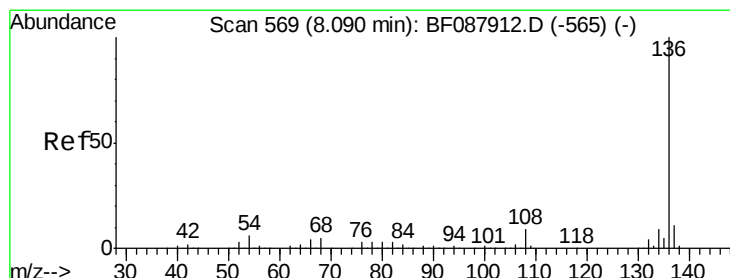
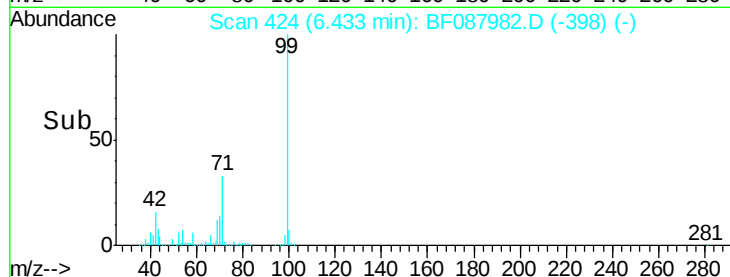
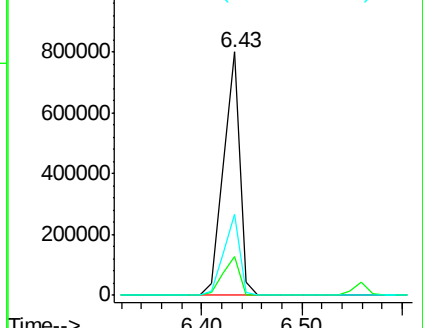
71 33.1 23.4 35.0



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: 8.08 min Scan# 568

Delta R.T. -0.00 min

Lab File: BF087982.D

Acq: 13 Jun 2016 14:37

Tgt Ion: 136 Resp: 492060

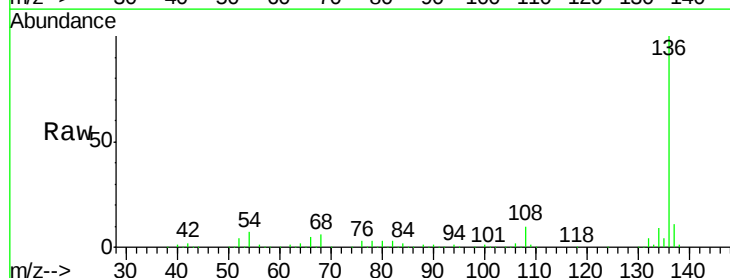
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.5 6.6 10.0

68 6.2 5.1 7.7

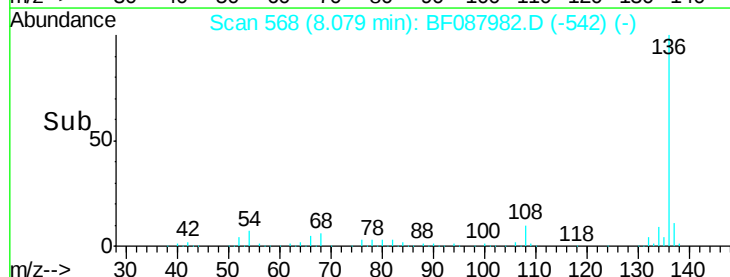
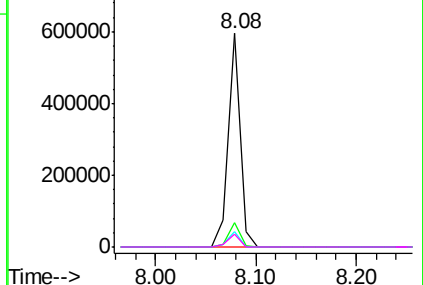


Abundance Ion 136.00 (135.70 to 136.70): E

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

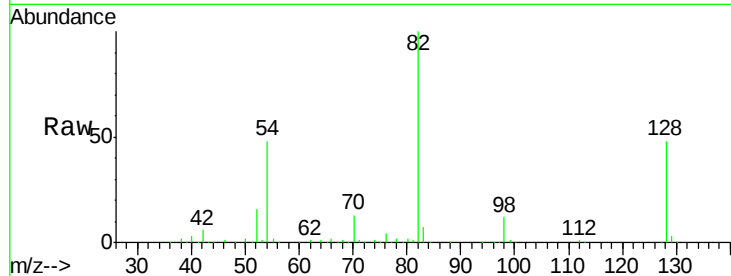




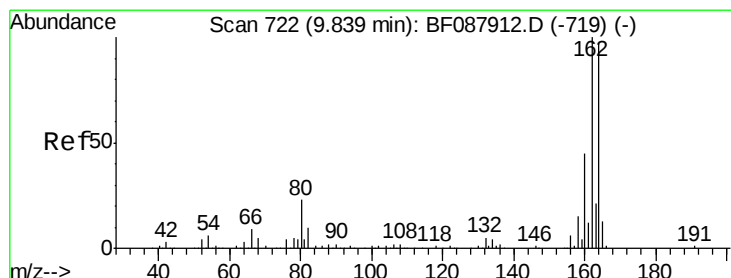
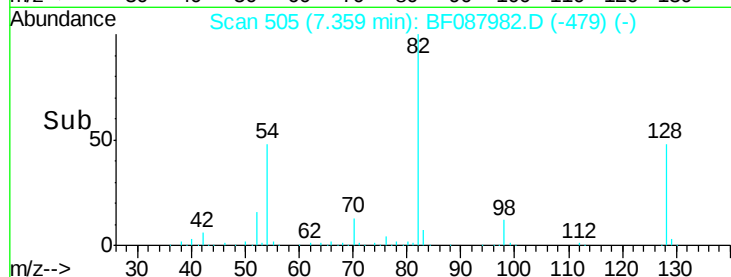
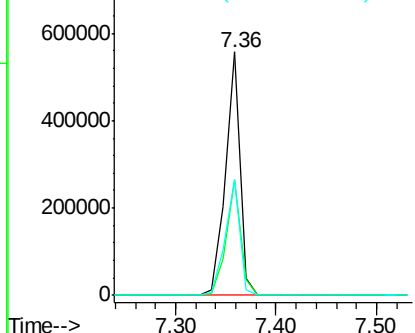
#23
 Nitrobenzene-d5
 Concen: 66.27 ng
 RT: 7.36 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: BF087982.D
 Acq: 13 Jun 2016 14:37

Instrument :
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Tot Ion	82	Resp	558405
Ion Ratio	100		
Lower			
Upper			
82	100		
128	47.6	35.9	53.9
54	47.7	40.9	61.3

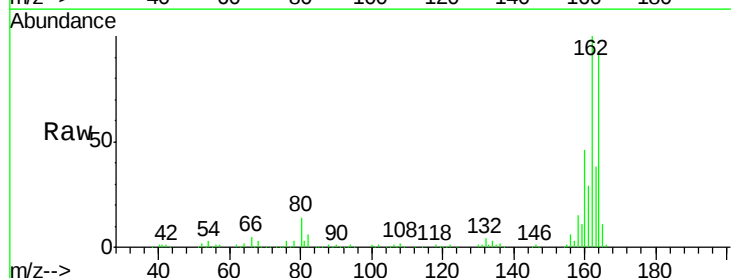


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

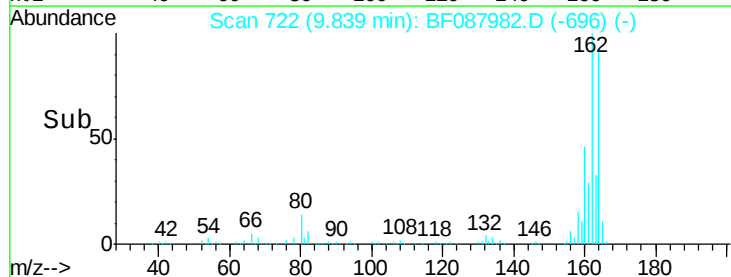
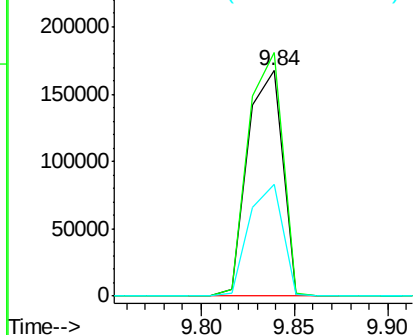


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.00 min
 Lab File: BF087982.D
 Acq: 13 Jun 2016 14:37

Tgt Ion	164	Resp	216018
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
164	100		
162	108.1	85.4	128.2
160	49.4	39.5	59.3



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

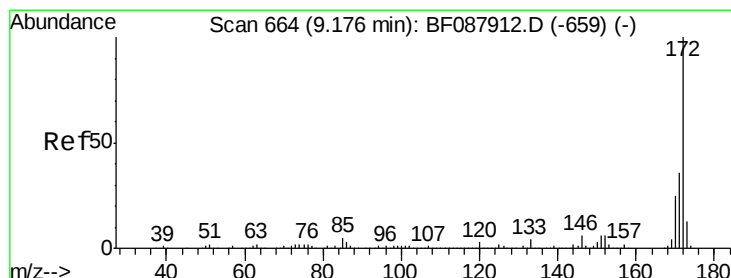
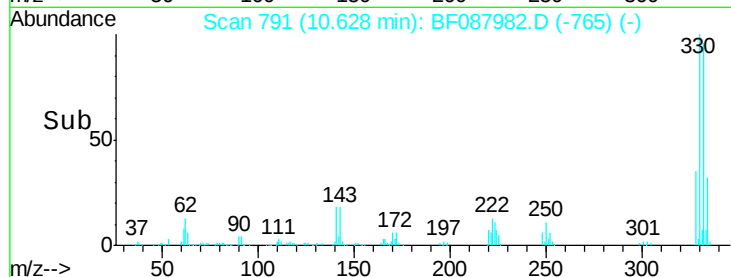
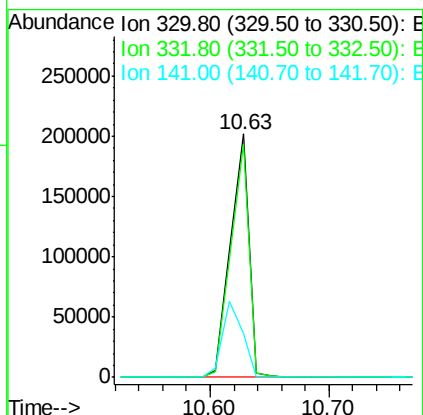
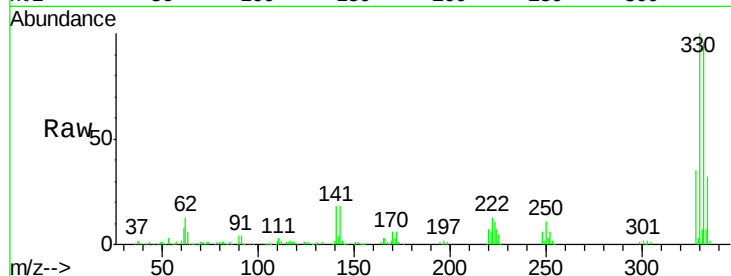




#41
 2,4,6-Tribromophenol
 Concen: 95.53 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF087982.D
 Acq: 13 Jun 2016 14:37

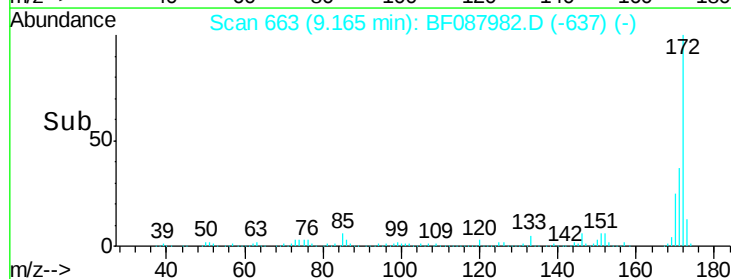
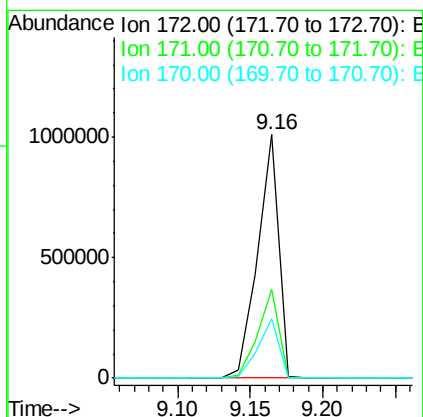
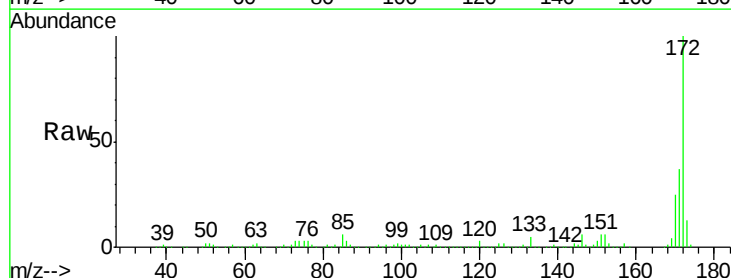
Instrument :
 BNA_F
 ClientSampleId :
 19-VE-PILE-WALL(0-2)

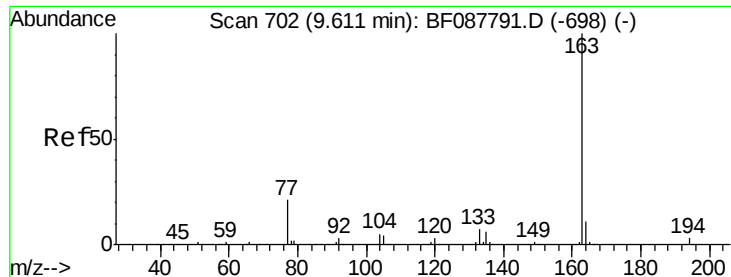
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	0.0	0.0#
141	33.9	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 73.13 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF087982.D
 Acq: 13 Jun 2016 14:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	43.0
170	24.5	19.2	28.8

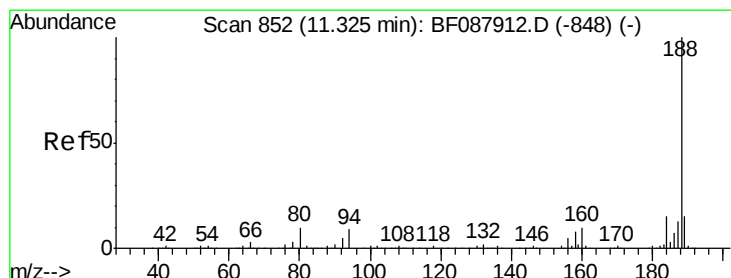
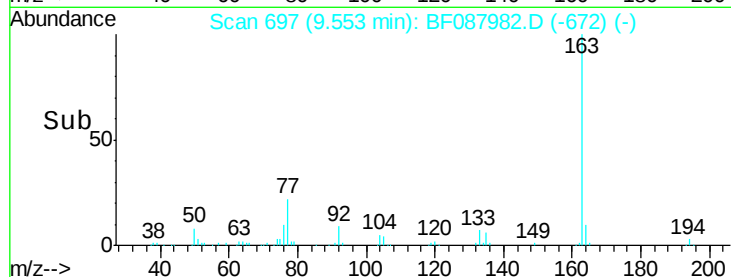
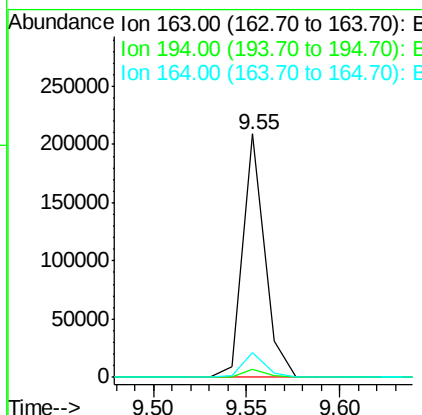
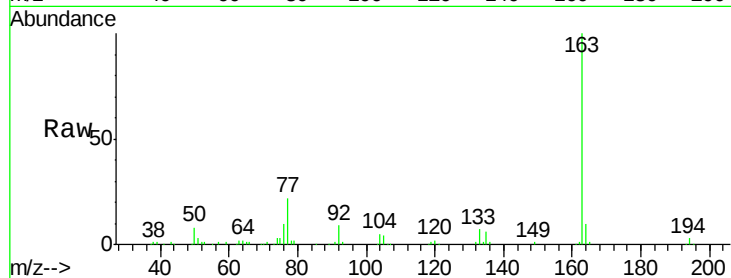




#49
Dimethylphthalate
Concen: 10.97 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF087982.D
Acq: 13 Jun 2016 14:37

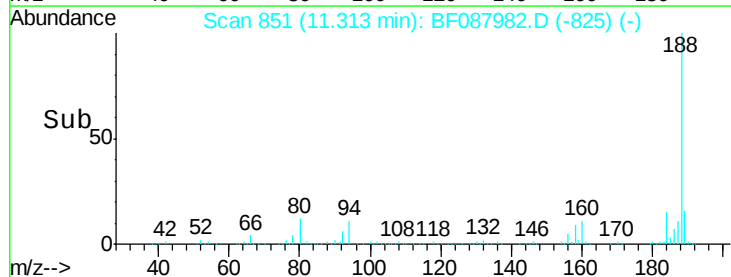
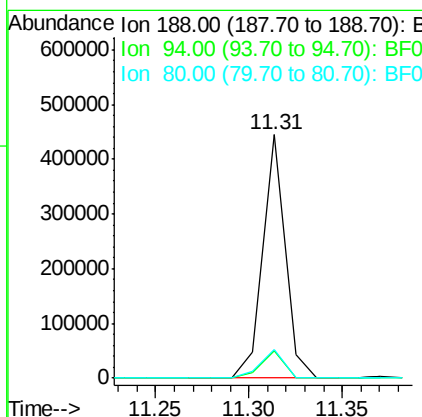
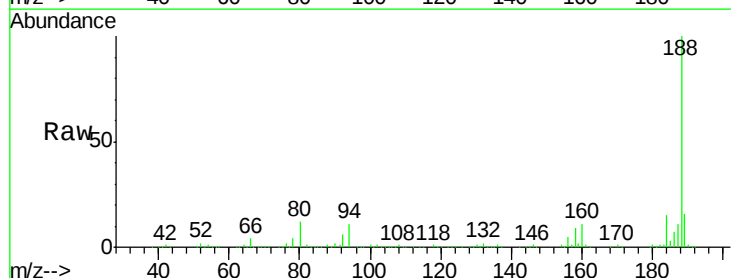
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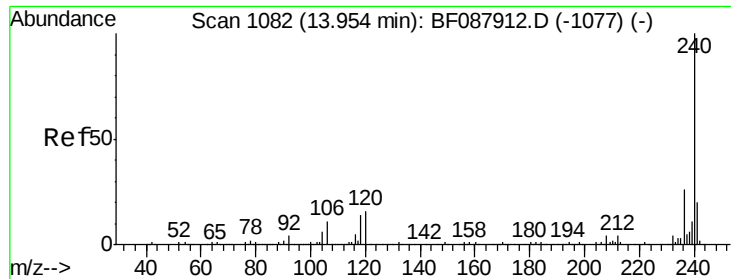
Tot Ion:163 Resp: 171590
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.2 8.3 12.5



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF087982.D
Acq: 13 Jun 2016 14:37

Tgt Ion:188 Resp: 368460
Ion Ratio Lower Upper
188 100
94 11.2 9.0 13.6
80 11.5 10.0 15.0

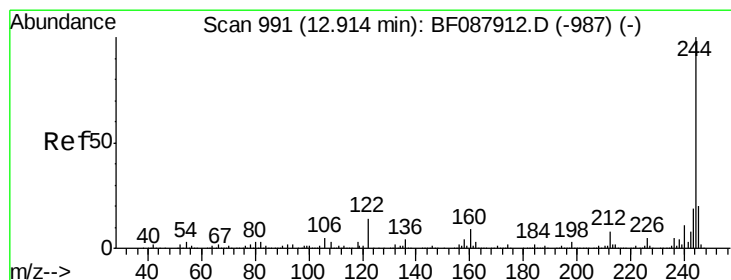
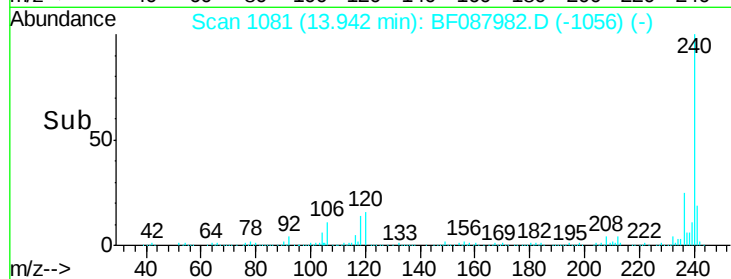
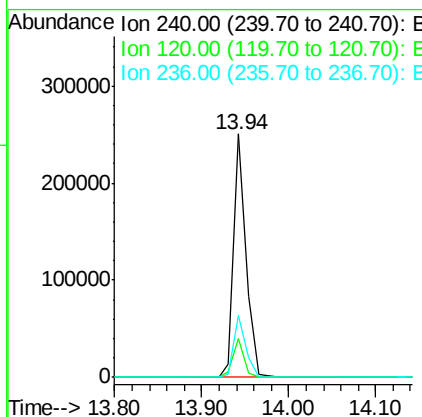
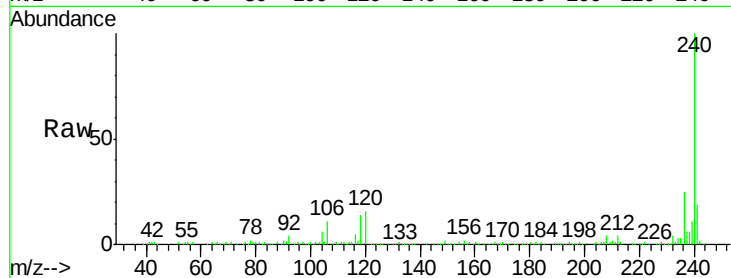




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF087982.D
Acq: 13 Jun 2016 14:37

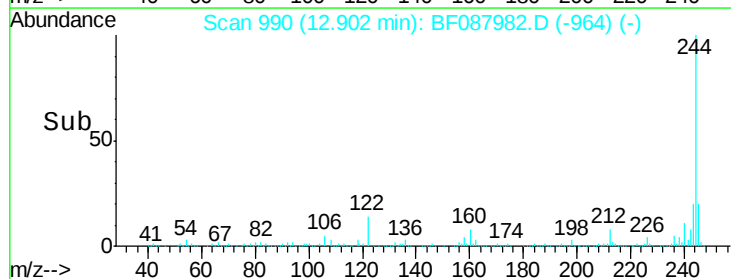
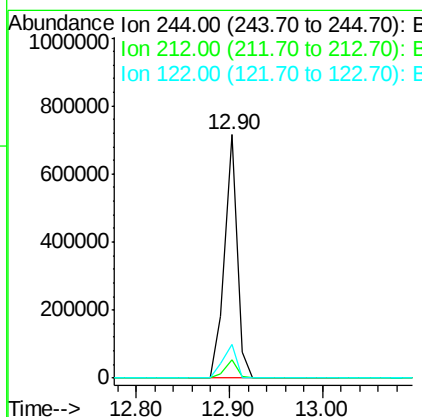
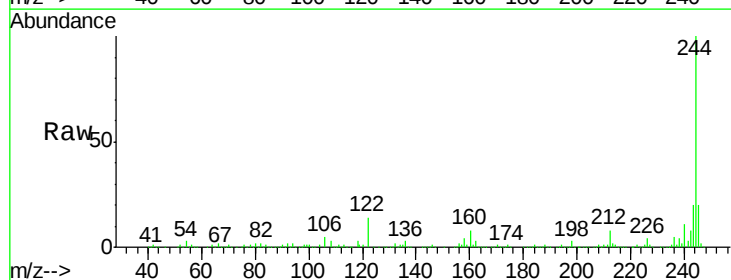
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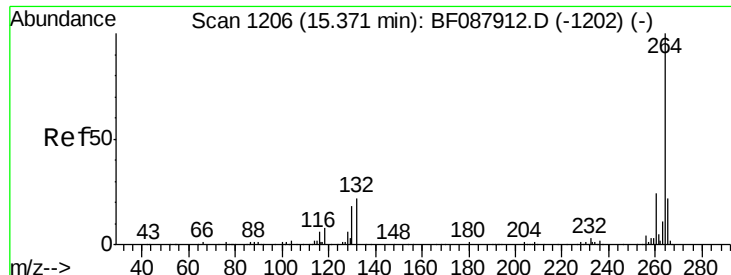
Tot Ion:240 Resp: 243674
Ion Ratio Lower Upper
240 100
120 16.1 6.8 10.2#
236 25.2 20.2 30.2



#78
Terphenyl-d14
Concen: 62.91 ng
RT: 12.90 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF087982.D
Acq: 13 Jun 2016 14:37

Tgt Ion:244 Resp: 673680
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 14.0 11.2 16.8

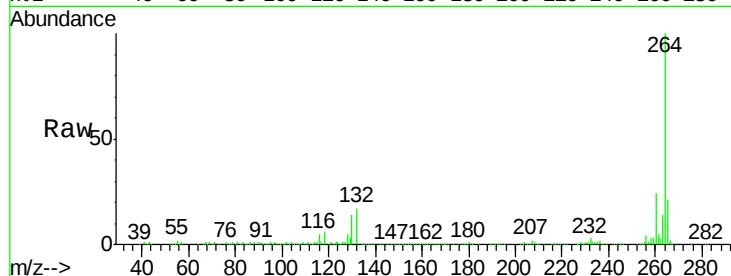




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF087982.D
Acq: 13 Jun 2016 14:37

Instrument :
BNA_F
ClientSampleId :
19-VE-PILE-WALL(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	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

