

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113016\
 Data File : BF091350.D
 Acq On : 30 Nov 2016 13:18
 Operator : UM/SJ
 Sample : H5750-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18A-STOCKPILE

Manual Integrations
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Quant Time: Nov 30 17:59:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	172986m	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	730795	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	396288	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	668428	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	459553	20.00	ng	-0.03
86) Perylene-d12	15.44	264	386443	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1224296	115.62	ng	0.00
7) Phenol-d6	6.49	99	1407540	107.98	ng	0.00
23) Nitrobenzene-d5	7.43	82	1228358	94.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	460154	122.65	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1964949	89.78	ng	-0.02
78) Terphenyl-d14	12.97	244	2038970	96.43	ng	-0.02
Target Compounds						
31) Naphthalene	8.17	128	98109	2.82	ng	Qvalue 98

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

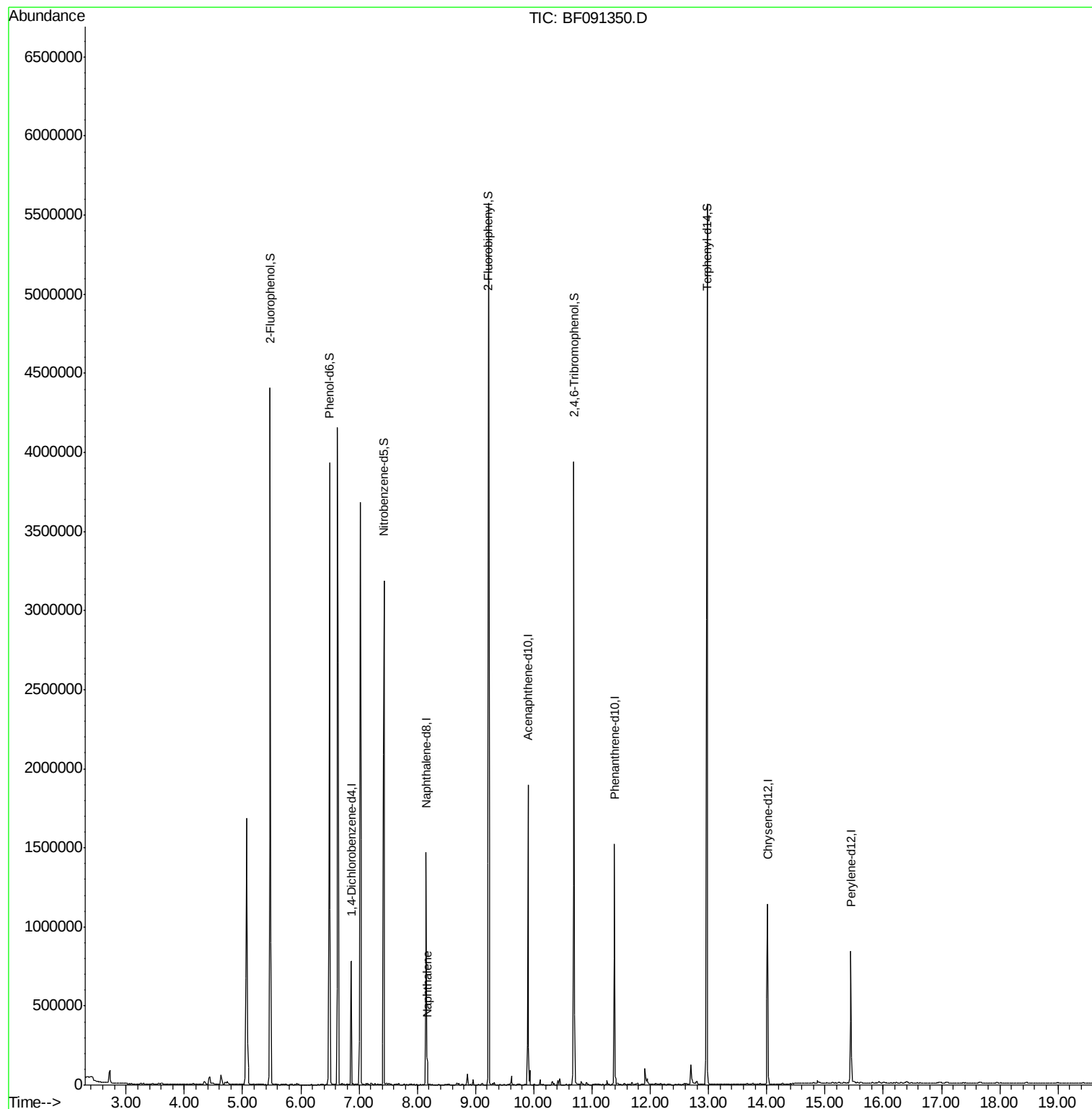
Data Path : Z:\HPCHEM1\BNA F\DATA\BF113016\
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#1

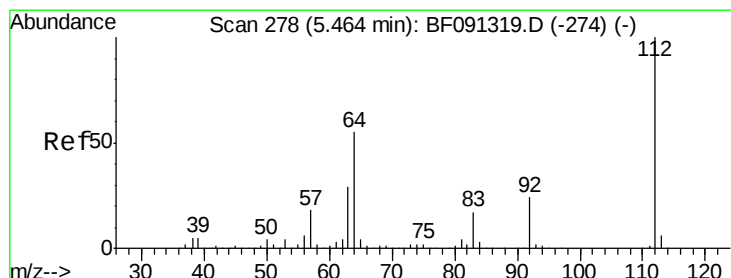
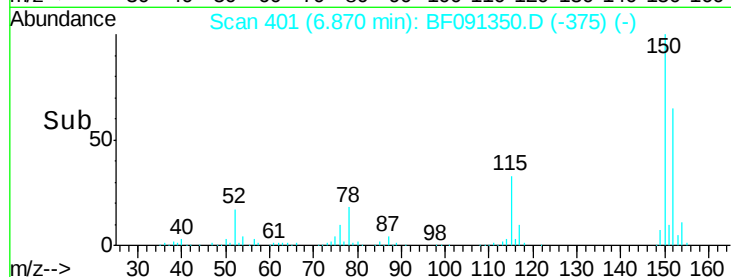
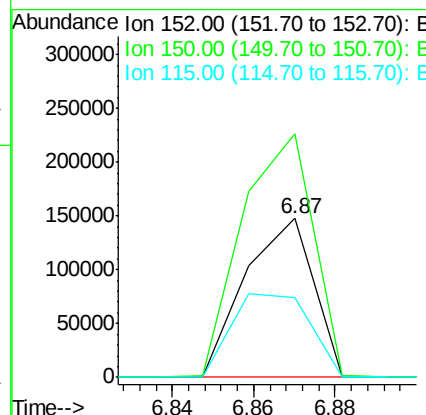
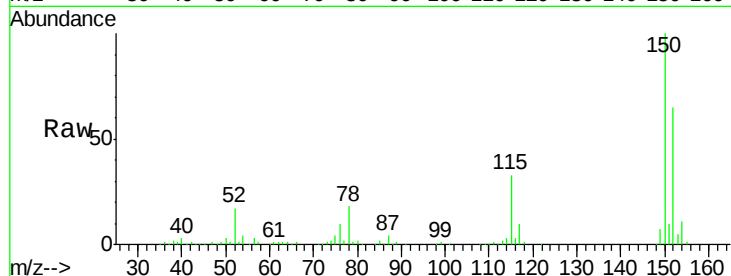
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.87 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF091350.D
Acq: 30 Nov 2016 13:18

Instrument :
BNA_F
ClientSampleId :
18A-STOCKPILE

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	122.5	183.7
115	50.3	51.8	77.8

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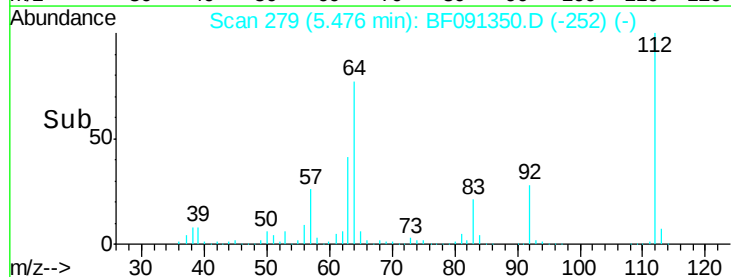
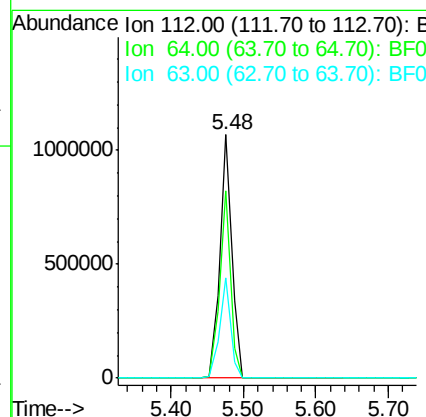
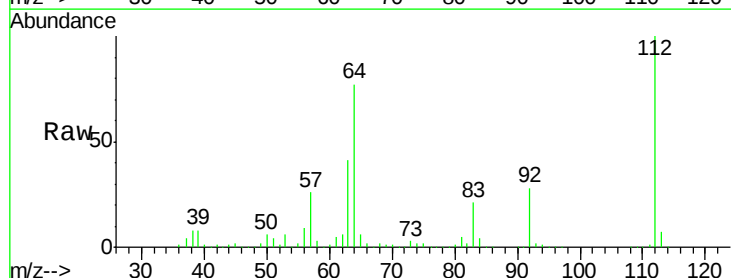
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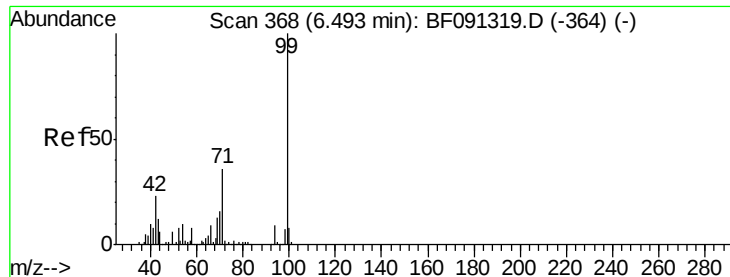


#5

2-Fluorophenol
Concen: 115.62 ng
RT: 5.48 min Scan# 279
Delta R.T. 0.01 min
Lab File: BF091350.D
Acq: 30 Nov 2016 13:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.7	61.5	92.3
63	40.9	33.3	49.9





#7

Phenol-d6

Concen: 107.98 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091350.D

Acq: 30 Nov 2016 13:18

Instrument :

BNA_F

ClientSampleId :

18A-STOCKPILE

Tot Ion: 99 Resp: 1407540

Ion Ratio Lower Upper

99 100

42 24.9 20.6 31.0

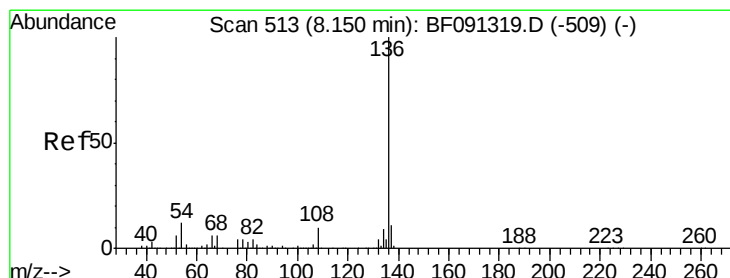
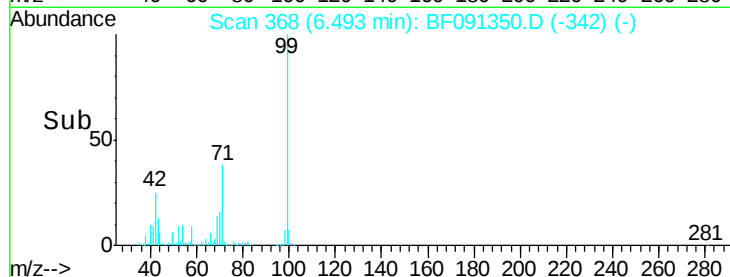
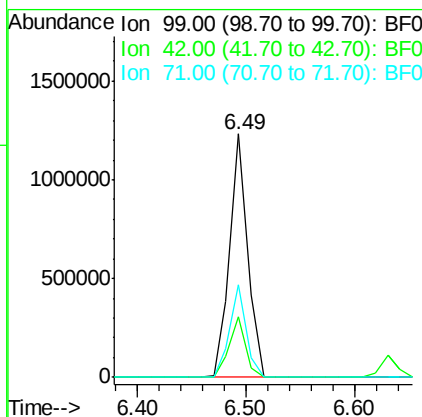
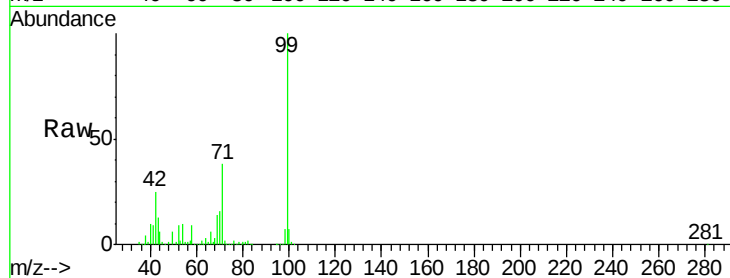
71 38.3 29.9 44.9

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091350.D

Acq: 30 Nov 2016 13:18

Tgt Ion: 136 Resp: 730795

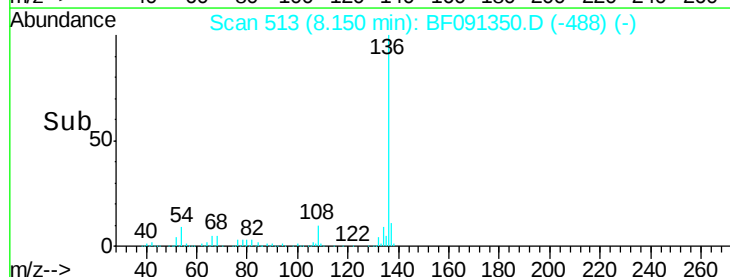
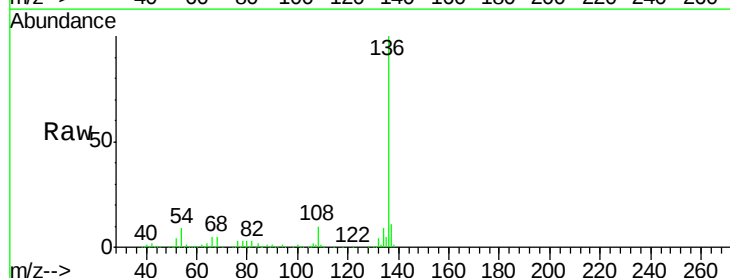
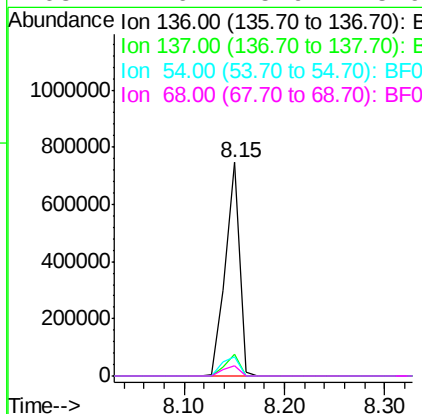
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 9.0 9.1 13.7#

68 4.6 5.9 8.9#





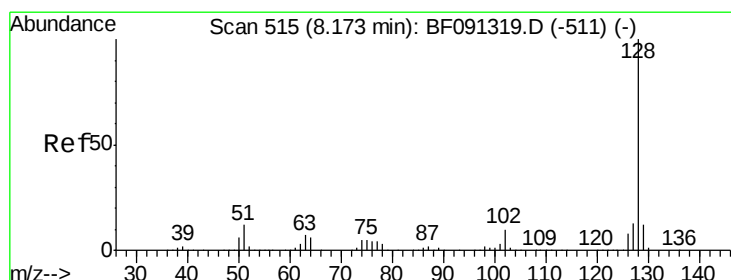
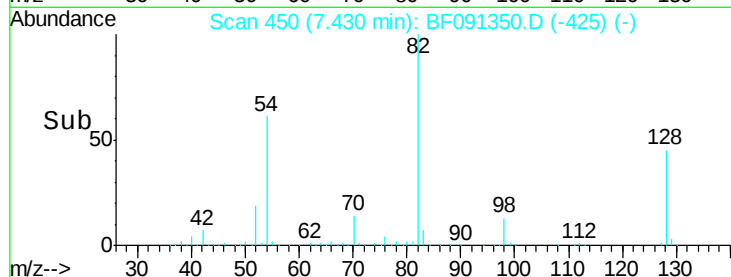
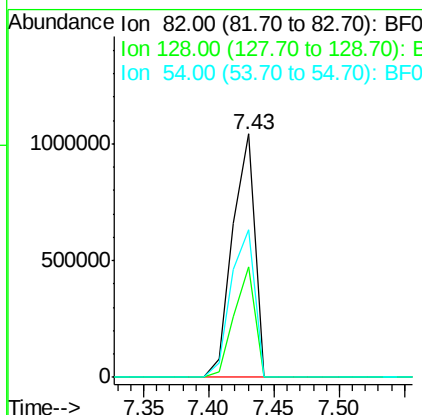
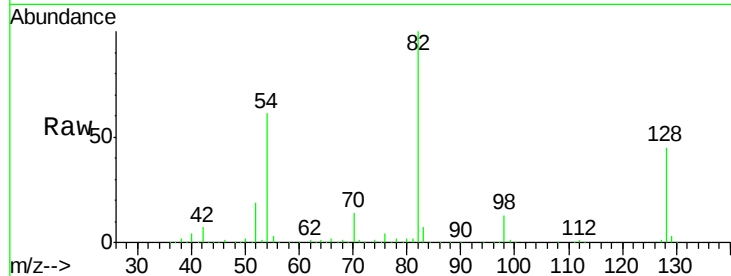
#23
 Nitrobenzene-d5
 Concen: 94.20 ng
 RT: 7.43 min Scan# 450
 Delta R.T. -0.02 min
 Lab File: BF091350.D
 Acq: 30 Nov 2016 13:18

Instrument :
 BNA_F
 ClientSampleId :
 18A-STOCKPILE

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	31.8	47.6
54	60.8	49.1	73.7

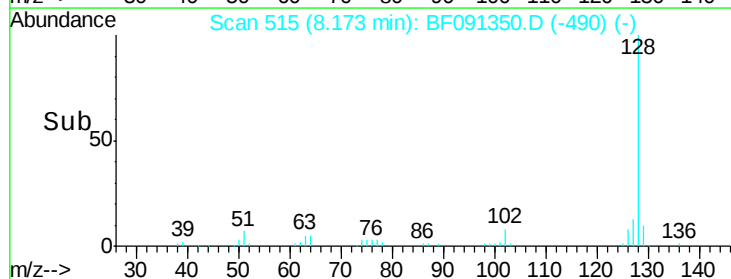
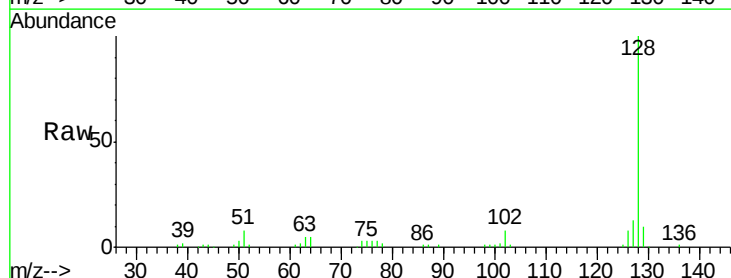
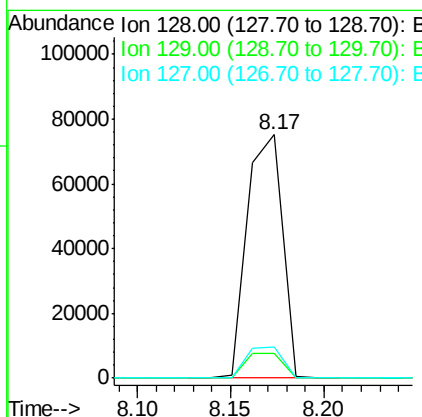
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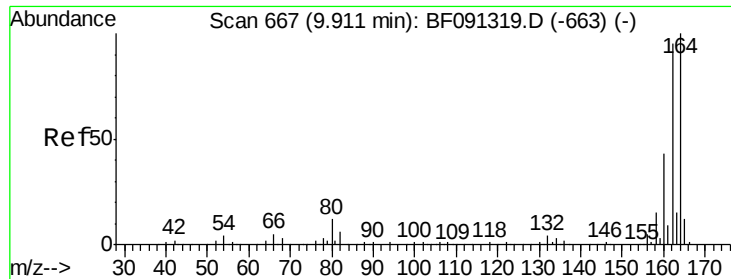
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#31
 Naphthalene
 Concen: 2.82 ng
 RT: 8.17 min Scan# 515
 Delta R.T. -0.02 min
 Lab File: BF091350.D
 Acq: 30 Nov 2016 13:18

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.3	9.1	13.7
127	13.0	11.0	16.4





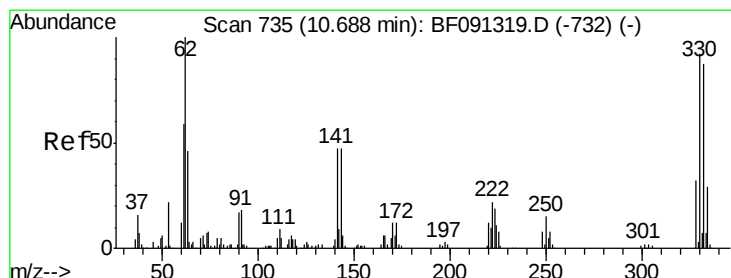
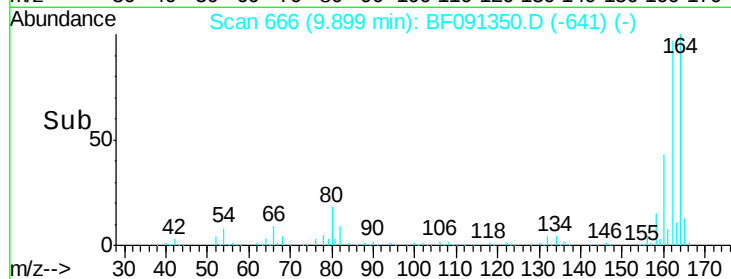
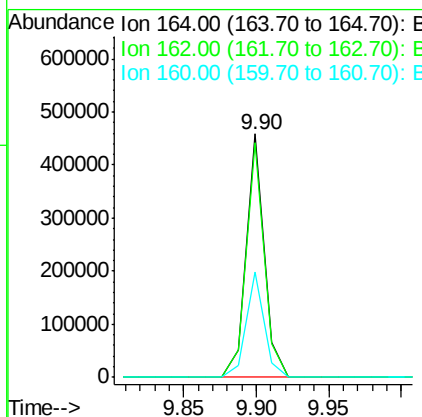
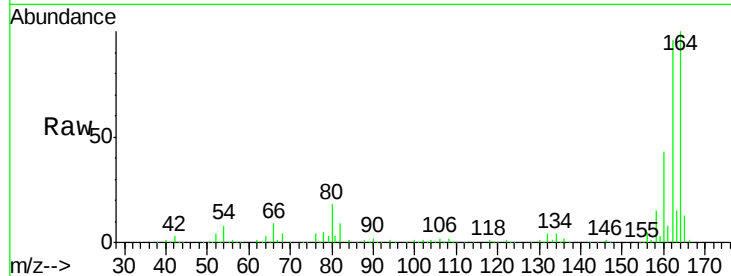
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF091350.D
Acq: 30 Nov 2016 13:18

Instrument :
BNA_F
ClientSampleId :
18A-STOCKPILE

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.2	82.6	124.0
160	43.3	36.7	55.1

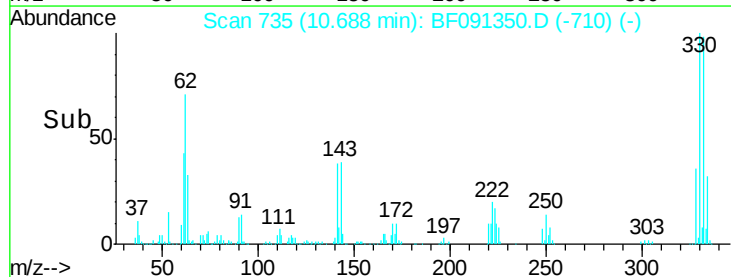
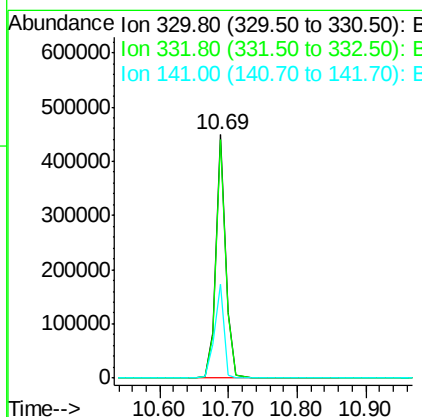
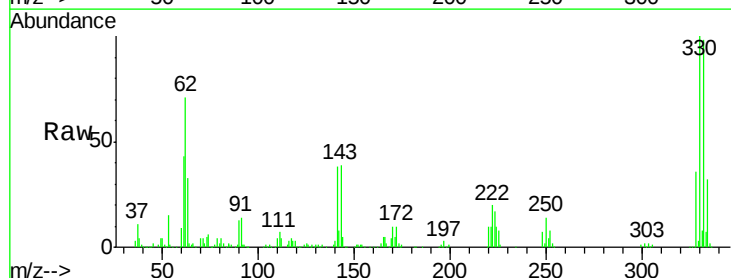
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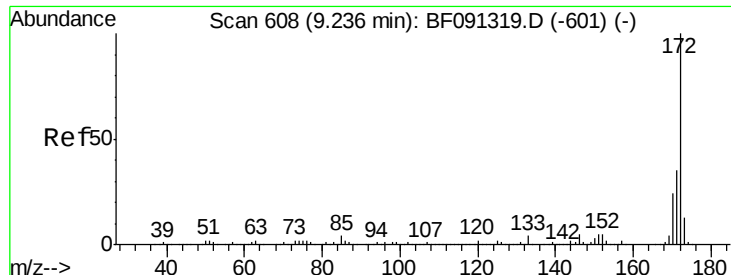
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#41
2,4,6-Tribromophenol
Concen: 122.65 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF091350.D
Acq: 30 Nov 2016 13:18

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.2	114.4
141	36.6	33.6	50.4





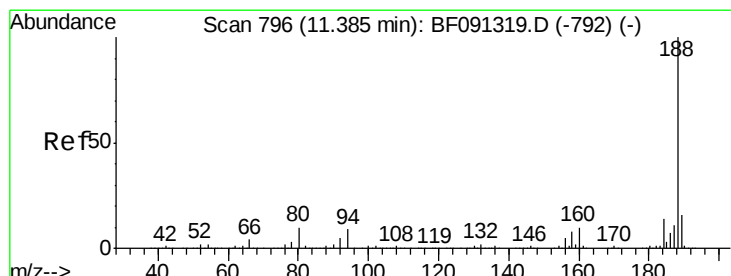
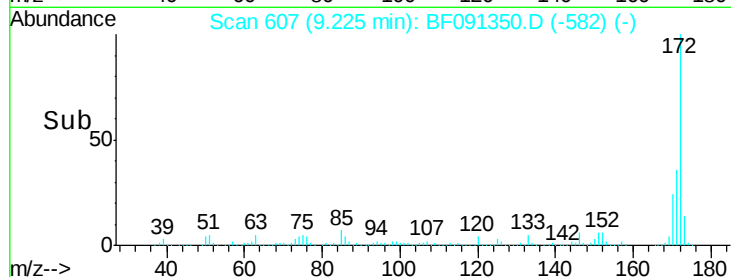
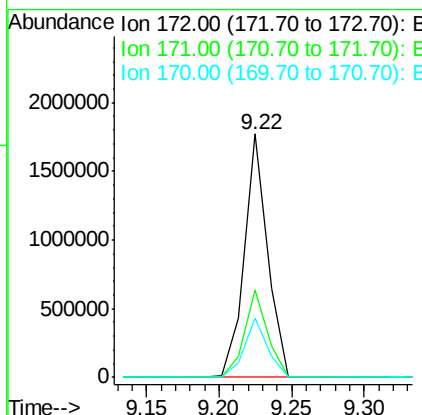
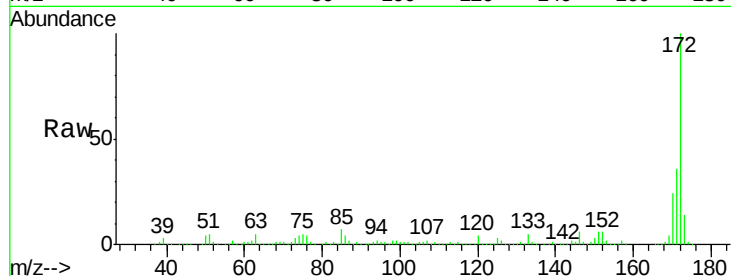
#44
2-Fluorobiphenyl
Concen: 89.78 ng
RT: 9.22 min Scan# 607
Delta R.T. -0.02 min
Lab File: BF091350.D
Acq: 30 Nov 2016 13:18

Instrument :
BNA_F
ClientSampleId :
18A-STOCKPILE

Tot Ion:172 Resp: 1964949
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.0
170 24.4 19.7 29.5

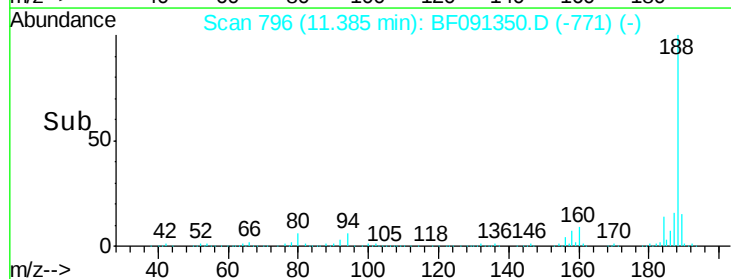
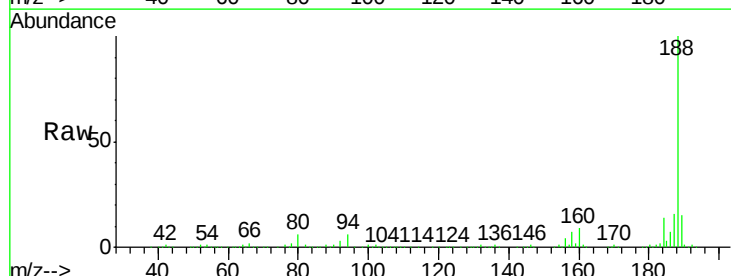
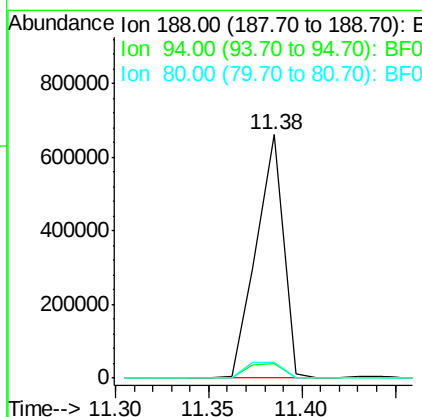
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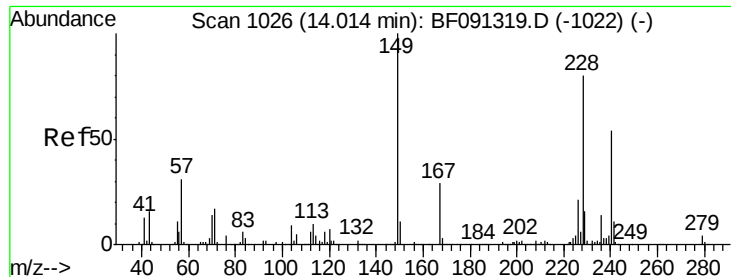
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091350.D
Acq: 30 Nov 2016 13:18

Tgt Ion:188 Resp: 668428
Ion Ratio Lower Upper
188 100
94 6.1 9.2 13.8#
80 6.4 10.5 15.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF091350.D

Acq: 30 Nov 2016 13:18

Instrument :

BNA_F

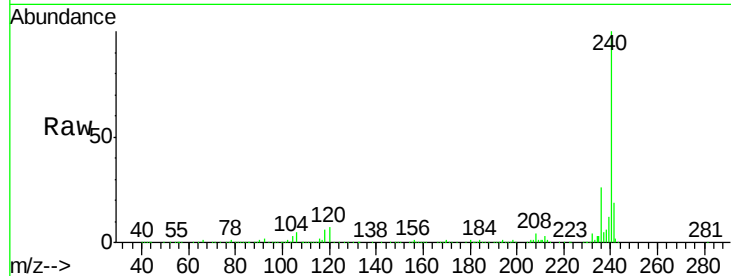
ClientSampleId :

18A-STOCKPILE

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.1	12.1	18.1#
236	25.8	21.0	31.6

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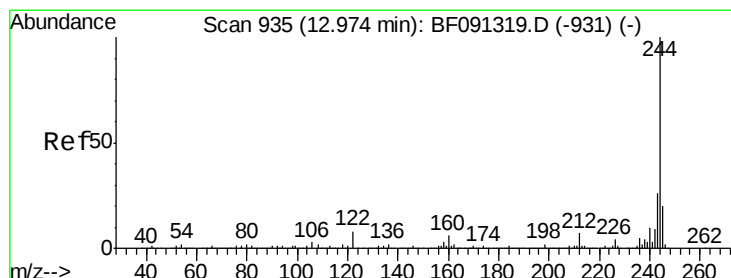
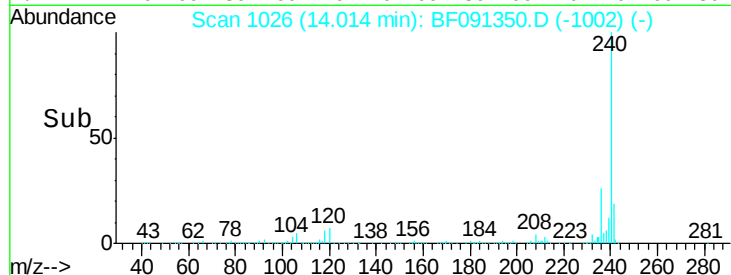
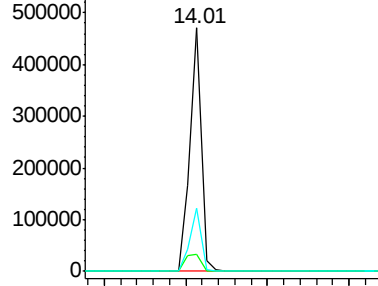
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 96.43 ng

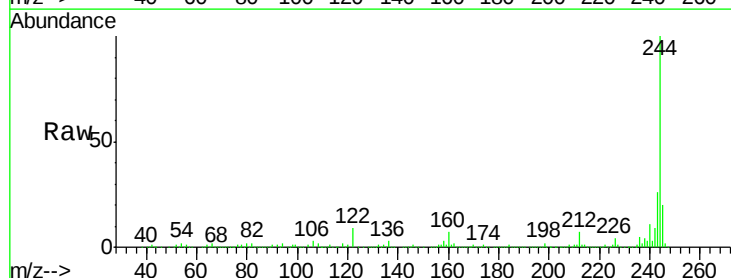
RT: 12.97 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF091350.D

Acq: 30 Nov 2016 13:18

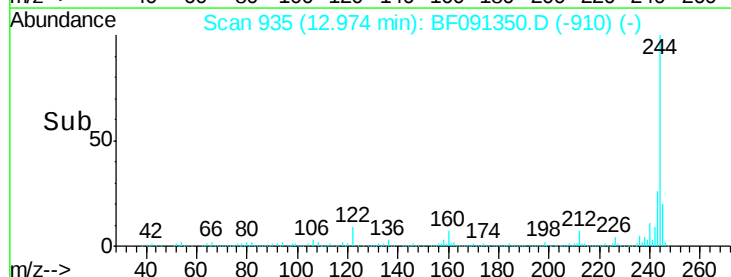
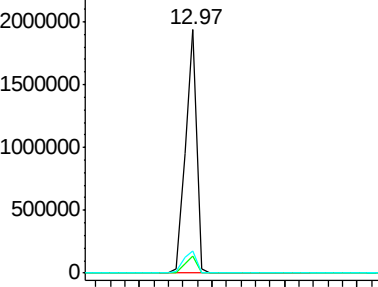
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.5	9.7
122	8.9	9.5	14.3#

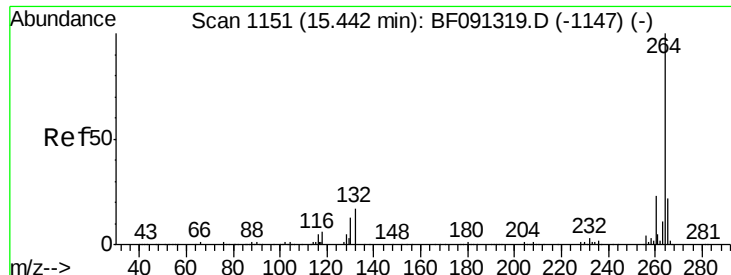


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF091350.D
Acq: 30 Nov 2016 13:18

Instrument :
BNA_F
ClientSampleId :
18A-STOCKPILE

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.6	18.8	28.2	
265	21.7	17.0	25.6	

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