

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
 Data File : BF091284.D
 Acq On : 23 Nov 2016 19:35
 Operator : UM/SJ
 Sample : H5750-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18A-STOCKPILE

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Quant Time: Nov 24 00:16:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 13:22:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	210384	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	887208	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	480069	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	862595	20.00	ng	0.00
75) Chrysene-d12	14.03	240	605377	20.00	ng	-0.01
86) Perylene-d12	15.47	264	512160	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1907494	145.68	ng	0.02
7) Phenol-d6	6.51	99	2212735	131.52	ng	0.01
23) Nitrobenzene-d5	7.44	82	1501903	97.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	614141	126.86	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	2189546	74.68	ng	0.00
78) Terphenyl-d14	12.99	244	1976564	74.57	ng	0.00
Target Compounds						
10) Phenol	6.52	94	169882	9.05	ng	81
49) Dimethylphthalate	9.63	163	197510	6.59	ng	97
70) Phenanthrene	11.42	178	381711	8.53	ng	98
74) Fluoranthene	12.60	202	322727	7.09	ng	95
77) Pyrene	12.83	202	459666m	10.28	ng	
80) Benzo(a)anthracene	14.02	228	193889	5.64	ng	99
82) Chrysene	14.05	228	145952m	4.49	ng	
87) Benzo(b)fluoranthene	15.06	252	147919m	4.58	ng	
89) Benzo(a)pyrene	15.40	252	99287	3.61	ng	98
91) Benzo(g,h,i)perylene	17.30	276	55487	2.20	ng	97

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

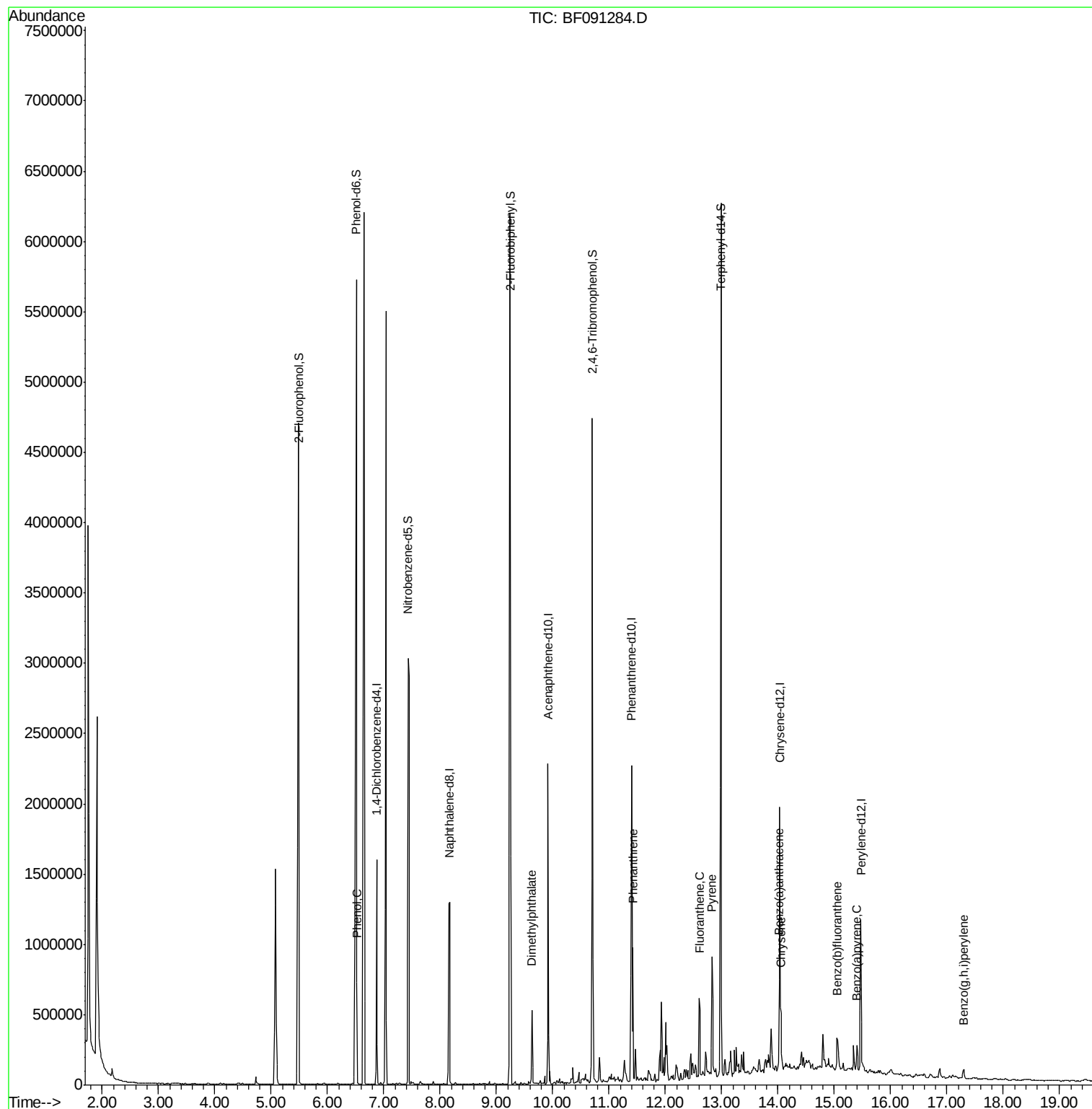
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091284.D
Acq On : 23 Nov 2016 19:35
Operator : UM/SJ
Sample : H5750-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

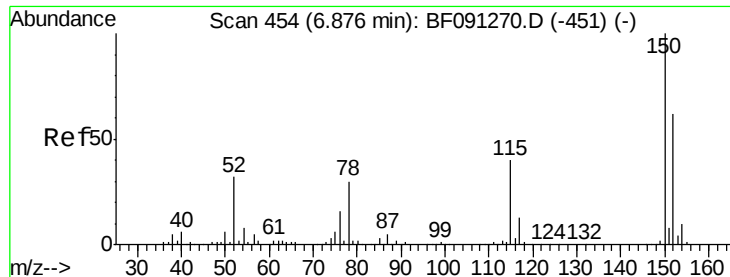
Instrument :
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ClientSampleId :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 454

Delta R.T. -0.00 min

Lab File: BF091284.D

Acq: 23 Nov 2016 19:35

Instrument :

BNA_F

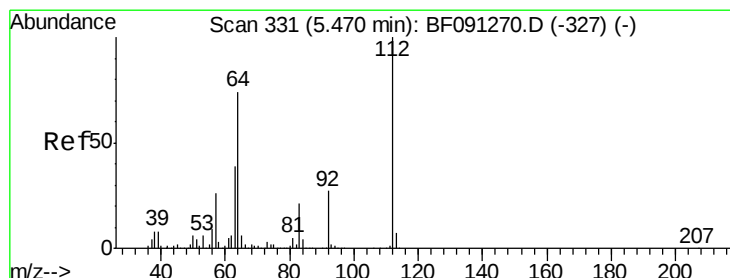
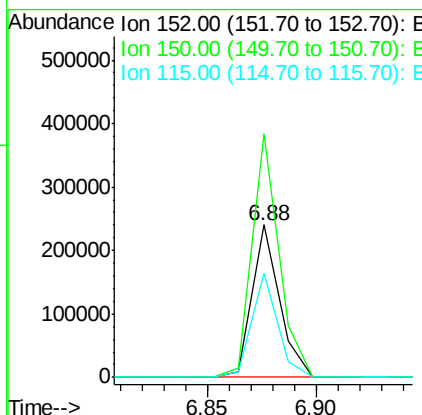
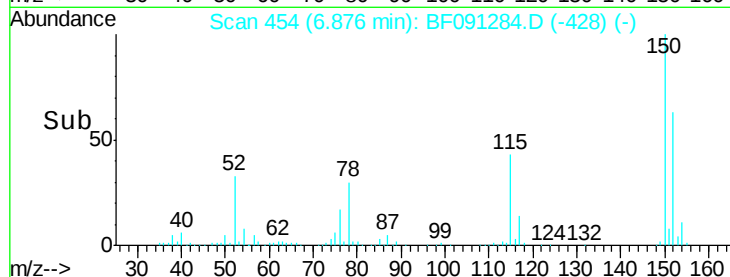
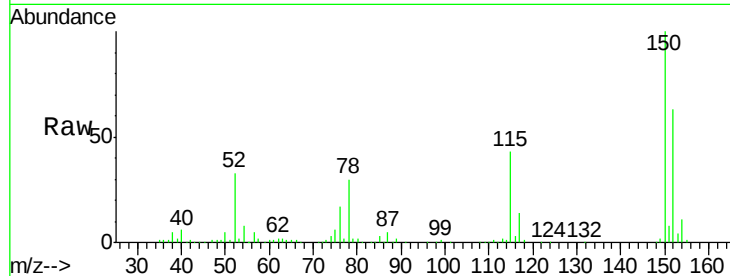
ClientSampleId :

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Tgt Ion:	152	Resp:	210384
Ion Ratio	Lower	Upper	
152	100		
150	159.5	122.5	183.7
115	68.4	51.8	77.8

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#5

2-Fluorophenol

Concen: 145.68 ng

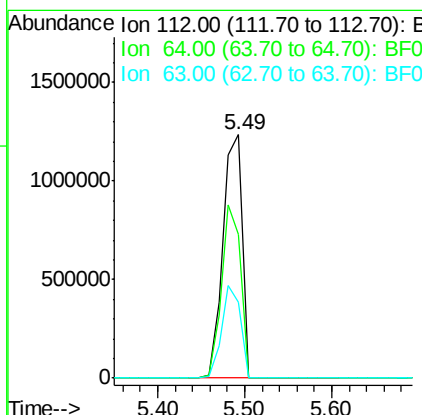
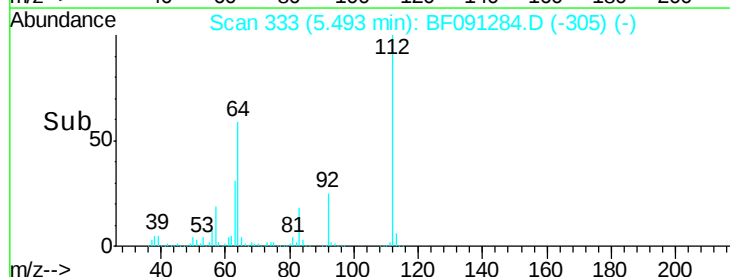
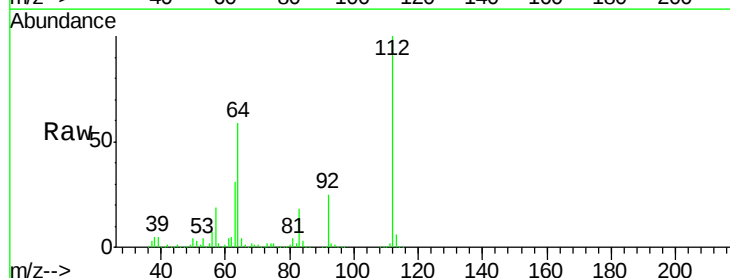
RT: 5.49 min Scan# 333

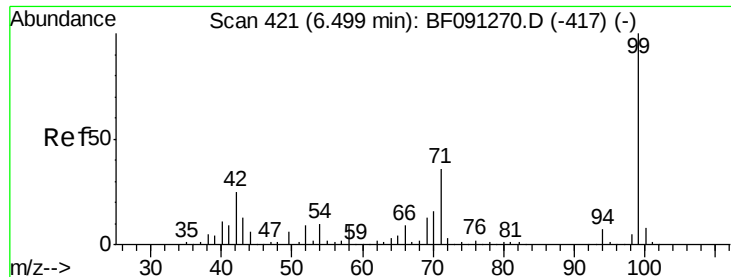
Delta R.T. 0.02 min

Lab File: BF091284.D

Acq: 23 Nov 2016 19:35

Tgt Ion:	112	Resp:	1907494
Ion Ratio	Lower	Upper	
112	100		
64	58.9	61.5	92.3#
63	31.4	33.3	49.9#





#7

Phenol-d6

Concen: 131.52 ng

RT: 6.51 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF091284.D

Acq: 23 Nov 2016 19:35

Instrument :

BNA_F

ClientSampleId :

18A-STOCKPILE

Tgt Ion: 99 Resp: 2212735

Ion Ratio Lower Upper

99 100

42 24.0 20.6 31.0

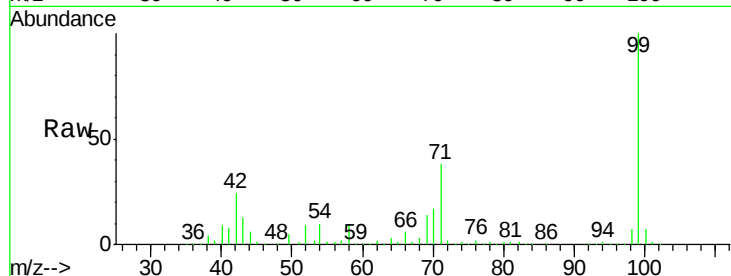
71 37.5 29.9 44.9

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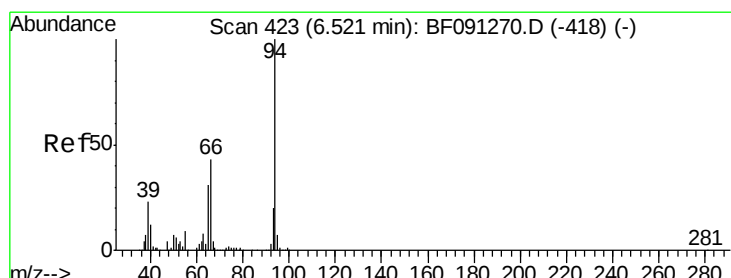
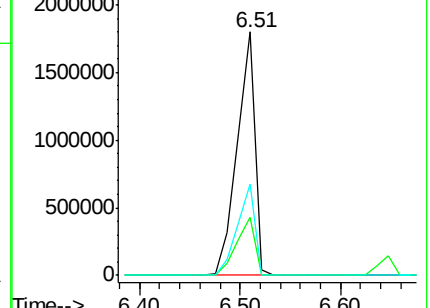
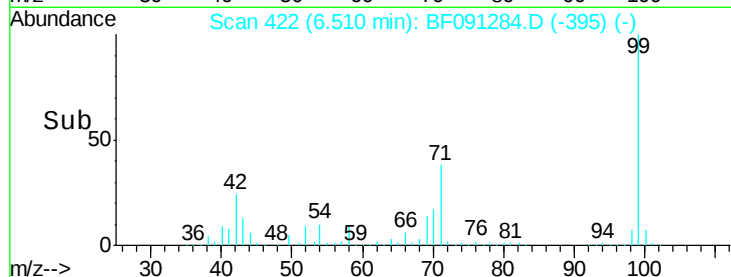
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 9.05 ng

RT: 6.52 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF091284.D

Acq: 23 Nov 2016 19:35

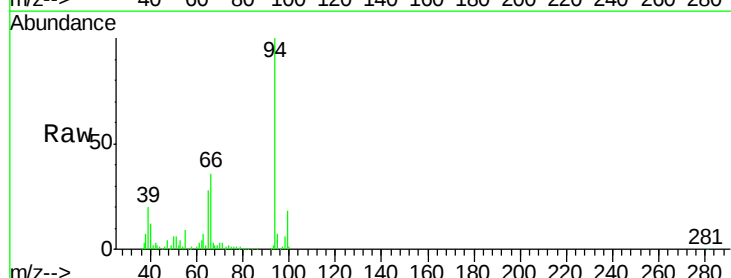
Tgt Ion: 94 Resp: 169882

Ion Ratio Lower Upper

94 100

65 27.9 16.9 56.9

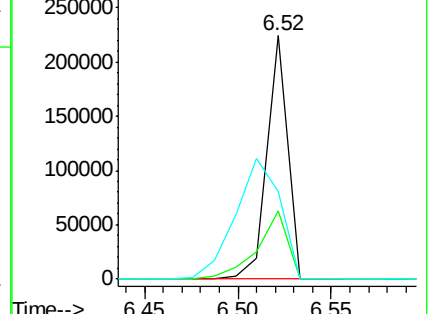
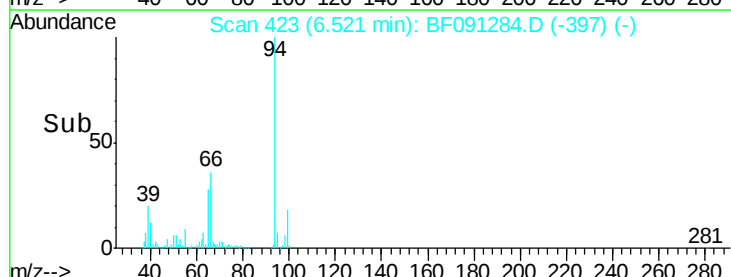
66 35.9 30.6 70.6

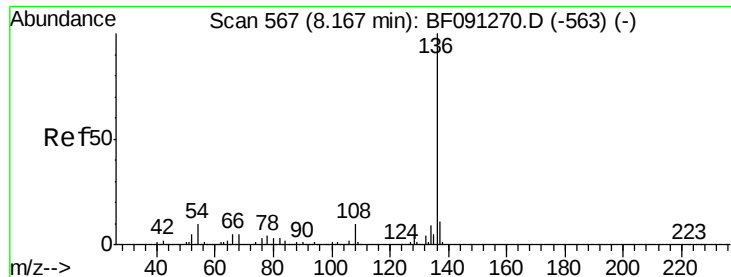


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF091284.D

Acq: 23 Nov 2016 19:35

Instrument :

BNA_F

ClientSampleId :

18A-STOCKPILE

Tgt Ion: 136 Resp: 887208
Ion Ratio Lower Upper

136 100

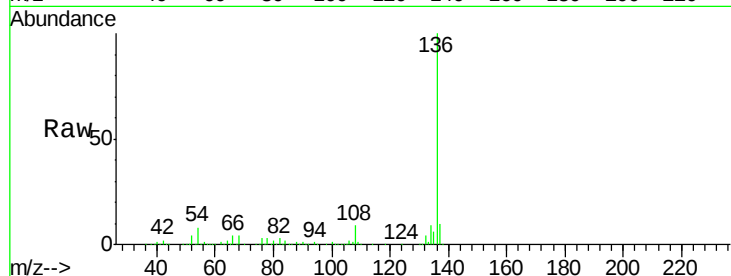
137 10.5 9.1 13.7

54 7.5 9.1 13.7#

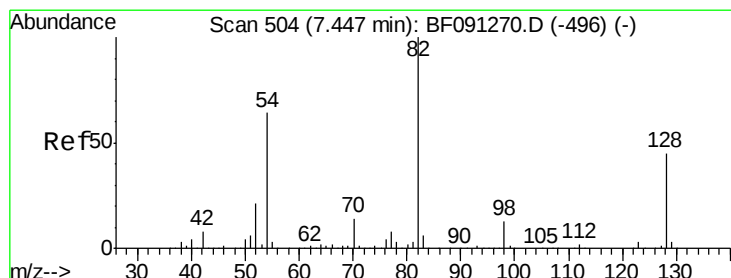
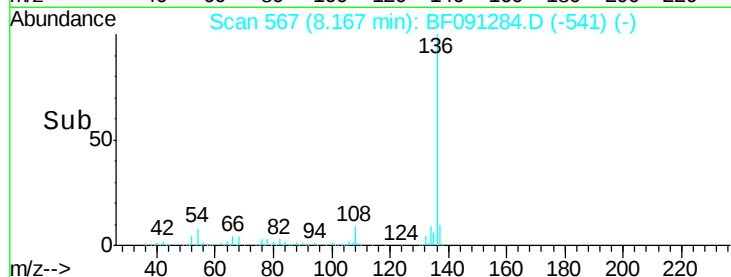
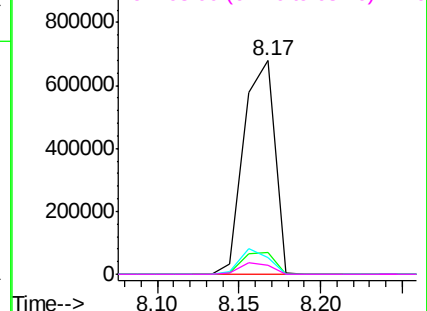
68 4.1 5.9 8.9#

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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: 97.46 ng

RT: 7.44 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF091284.D

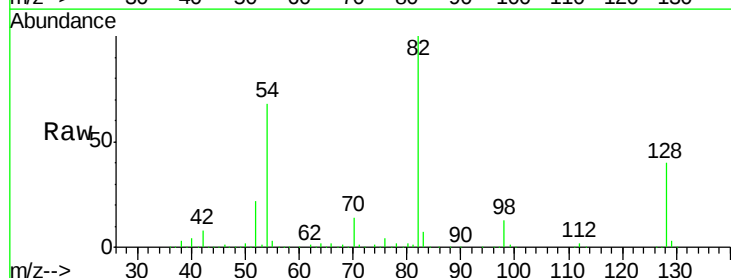
Acq: 23 Nov 2016 19:35

Tgt Ion: 82 Resp: 1501903
Ion Ratio Lower Upper

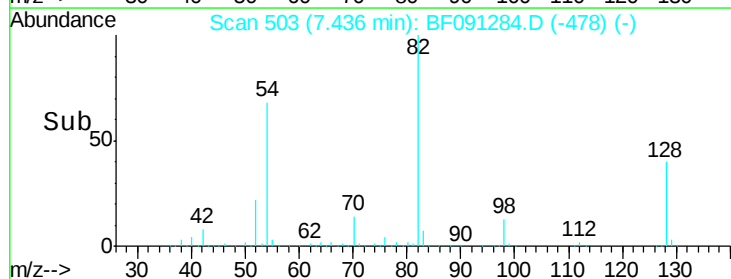
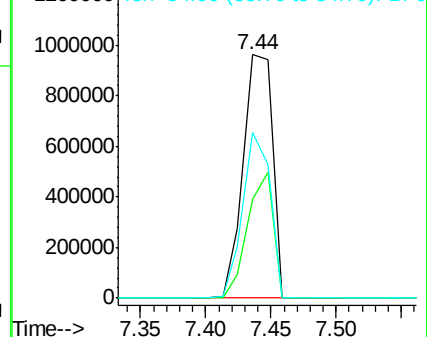
82 100

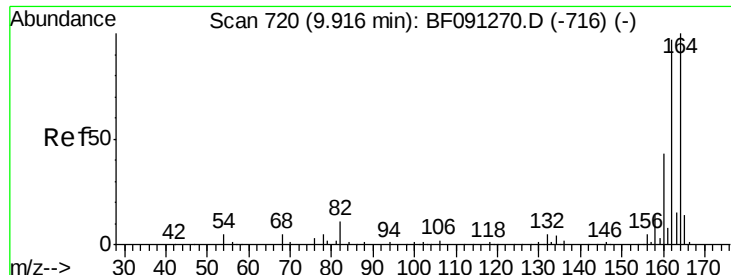
128 40.4 31.8 47.6

54 67.7 49.1 73.7



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





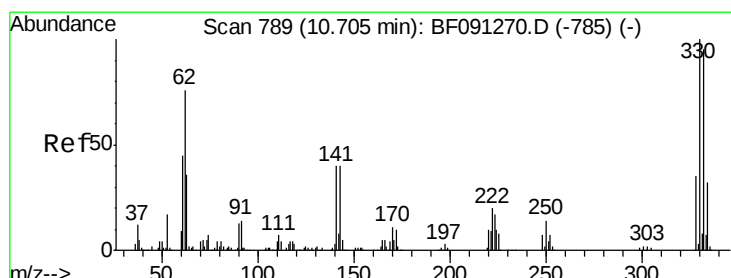
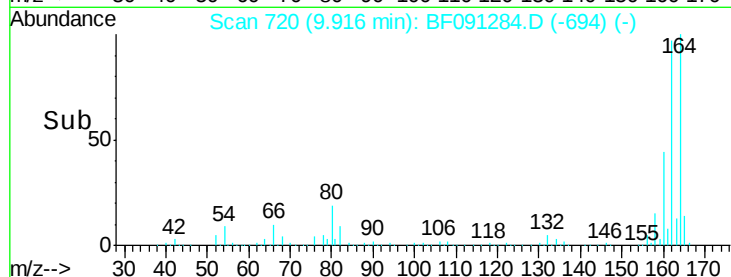
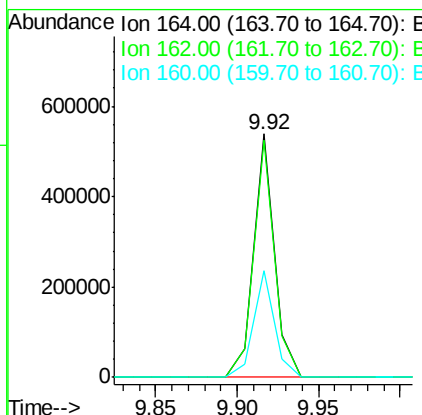
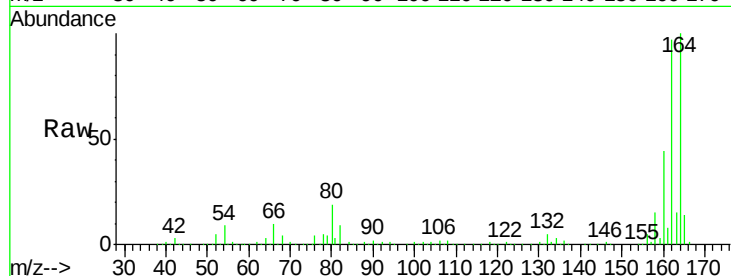
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF091284.D
Acq: 23 Nov 2016 19:35

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.3	82.6	124.0
160	43.8	36.7	55.1

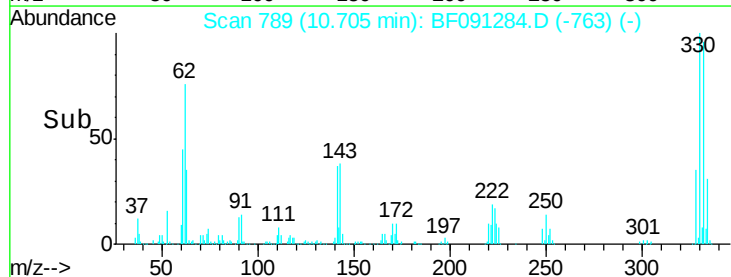
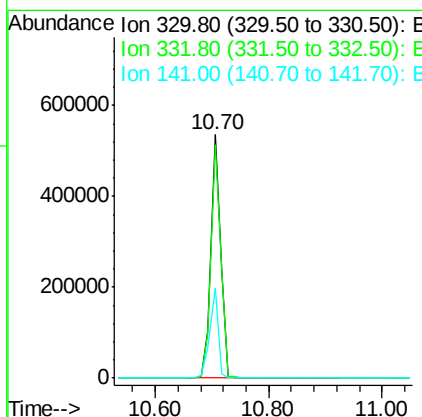
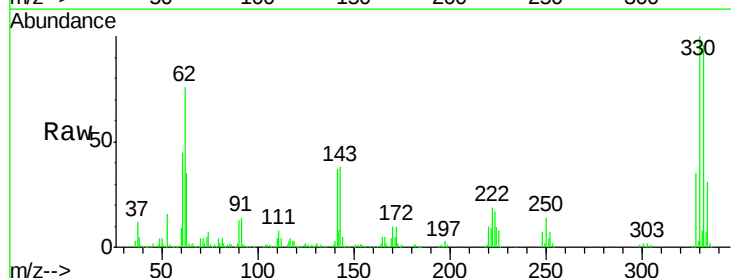
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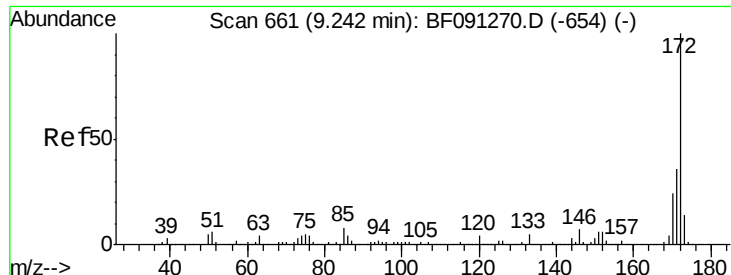
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#41
2,4,6-Tribromophenol
Concen: 126.86 ng
RT: 10.70 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF091284.D
Acq: 23 Nov 2016 19:35

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.2	114.4
141	31.8	33.6	50.4#





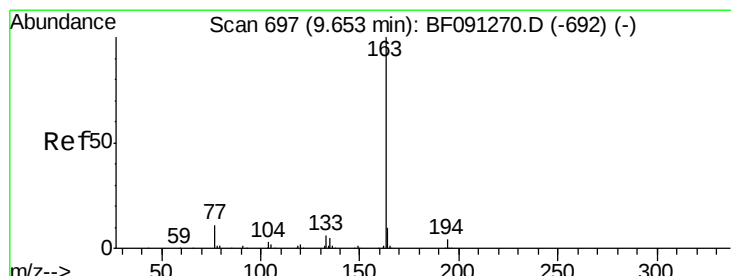
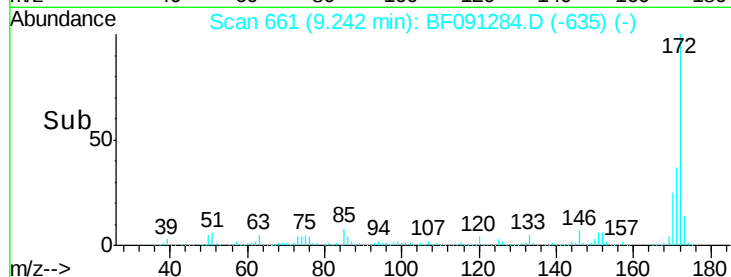
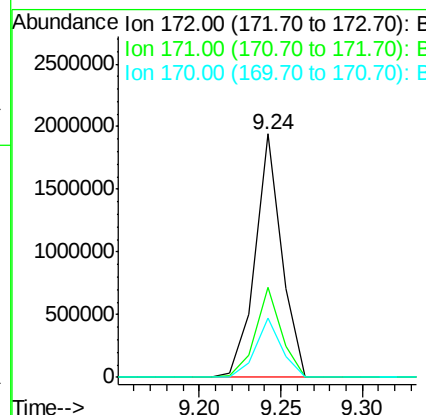
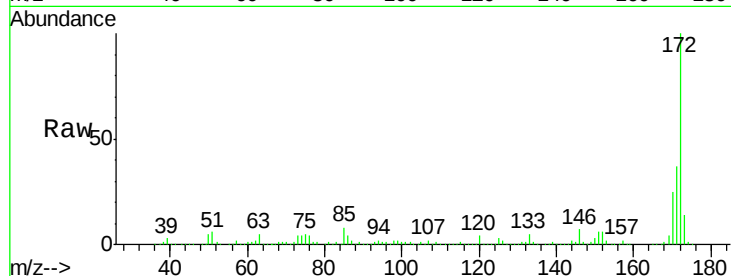
#44
2-Fluorobiphenyl
Concen: 74.68 ng
RT: 9.24 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF091284.D
Acq: 23 Nov 2016 19:35

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.5	19.7	29.5

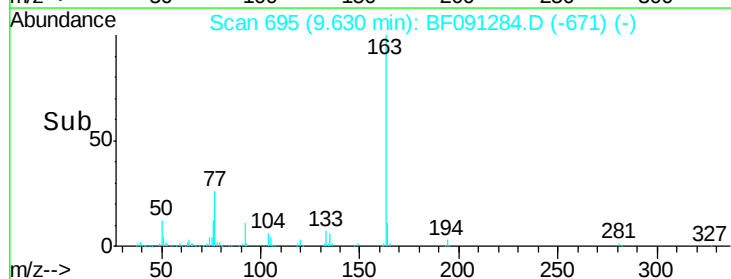
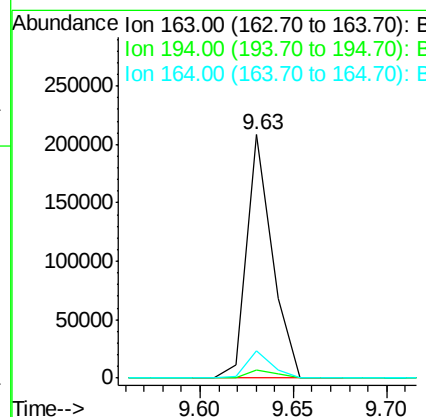
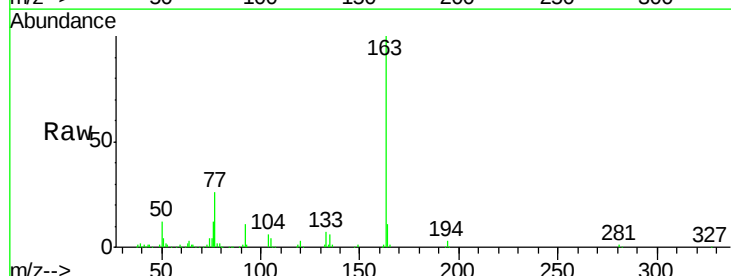
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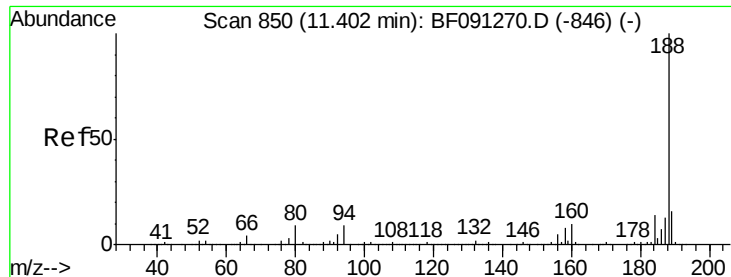
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#49
Dimethylphthalate
Concen: 6.59 ng
RT: 9.63 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF091284.D
Acq: 23 Nov 2016 19:35

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.4
164	11.1	7.8	11.8





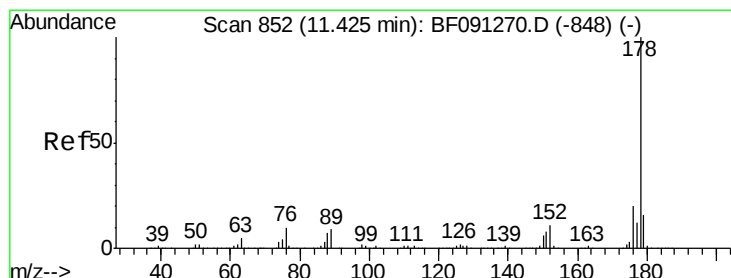
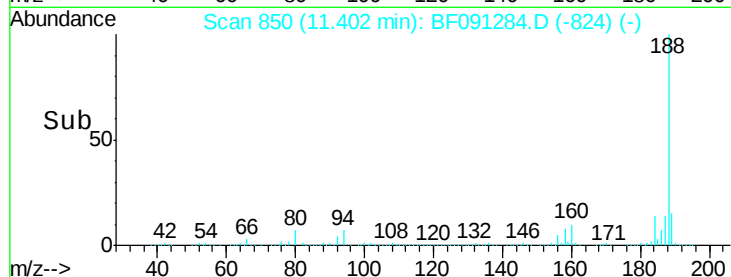
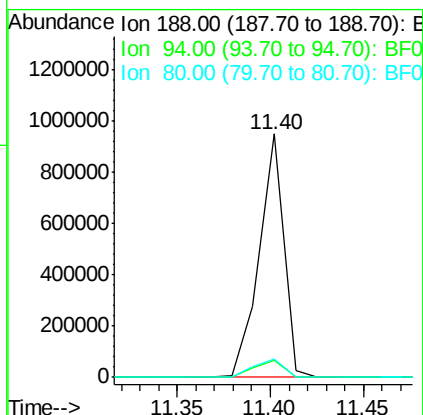
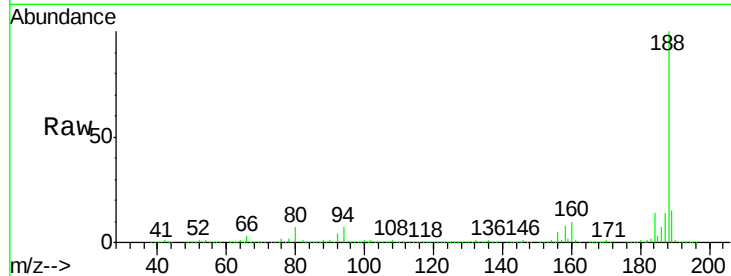
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF091284.D
Acq: 23 Nov 2016 19:35

Instrument :
BNA_F
ClientSampleId :
18A-STOCKPILE

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.2	9.2	13.8#
80	7.4	10.5	15.7#

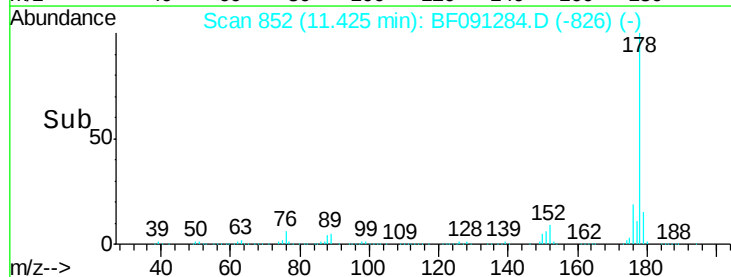
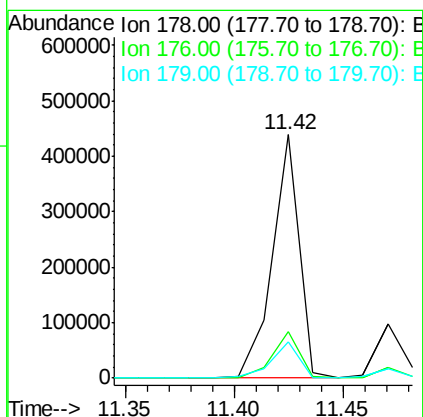
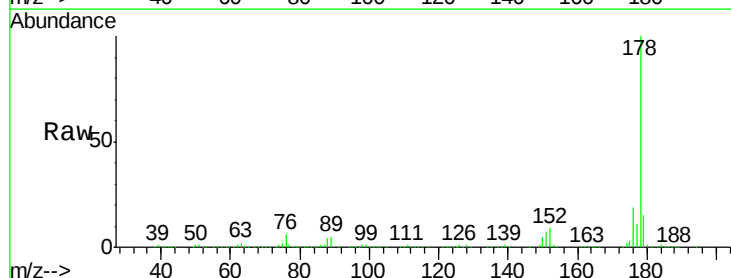
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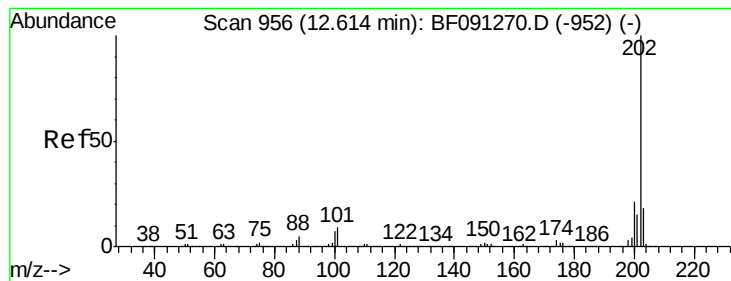
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#70
Phenanthrene
Concen: 8.53 ng
RT: 11.42 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF091284.D
Acq: 23 Nov 2016 19:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.0	15.9	23.9
179	15.0	12.6	18.8





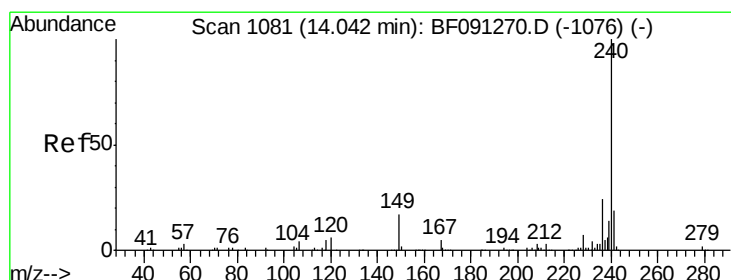
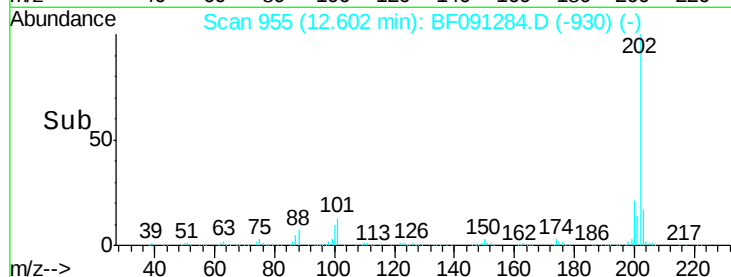
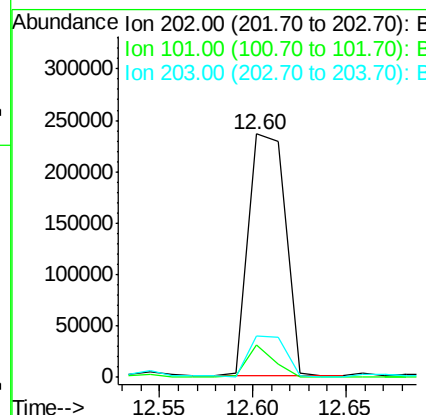
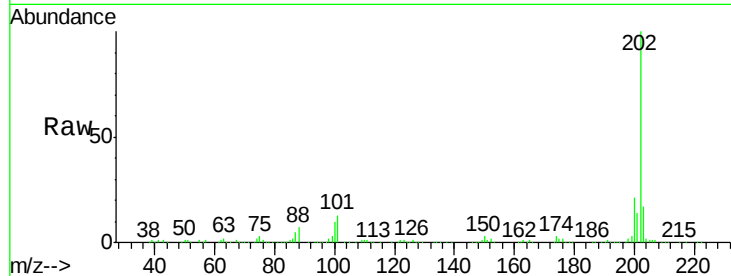
#74
 Fluoranthene
 Concen: 7.09 ng
 RT: 12.60 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BF091284.D
 Acq: 23 Nov 2016 19:35

Instrument :
 BNA_F
 ClientSampleId :
 18A-STOCKPILE

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.5	0.0	29.5
203	17.0	0.0	37.8

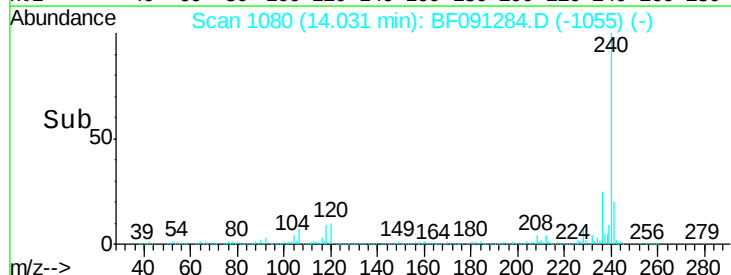
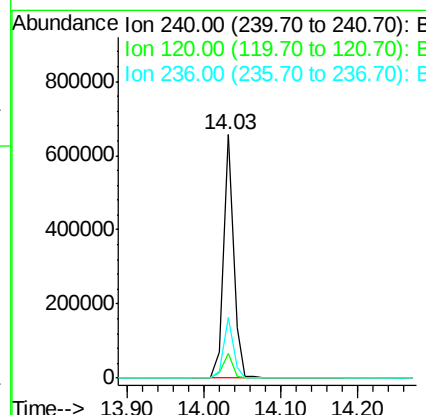
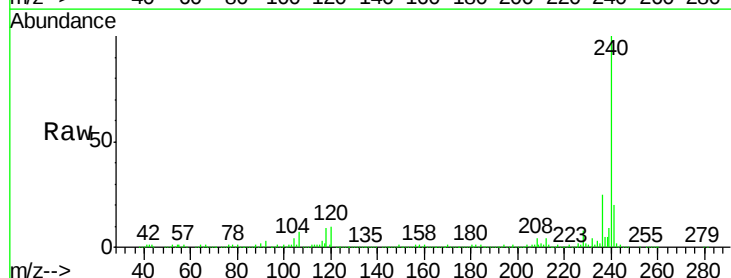
Manual Integrations
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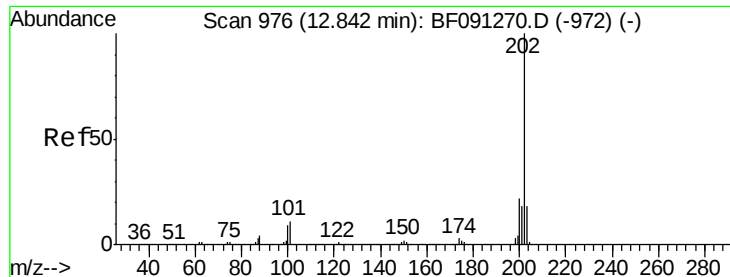
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.03 min Scan# 1080
 Delta R.T. -0.01 min
 Lab File: BF091284.D
 Acq: 23 Nov 2016 19:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	10.4	12.1	18.1#
236	24.6	21.0	31.6





#77

Pyrene

Concen: 10.28 ng m

RT: 12.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF091284.D

Acq: 23 Nov 2016 19:35

Instrument :

BNA_F

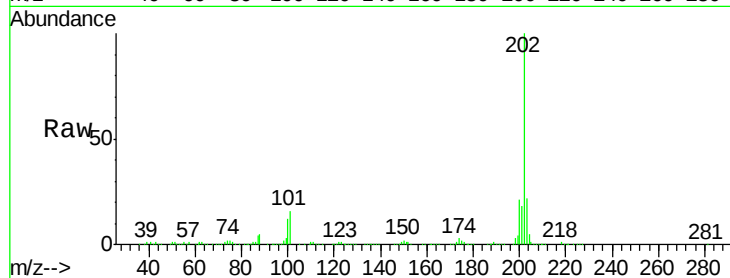
ClientSampleId :

18A-STOCKPILE

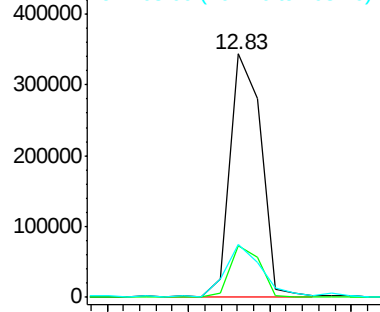
Tgt Ion:	202	Resp:	459666
Ion Ratio		Lower	Upper
202	100		
200	21.0	17.6	26.4
203	21.7	14.0	21.0#

Manual Integrations
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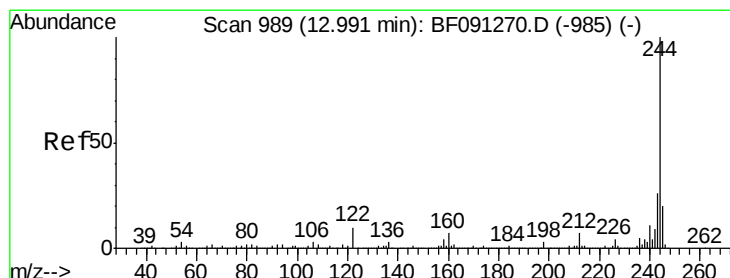
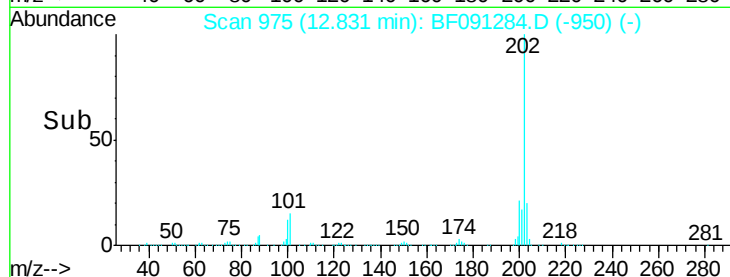
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 12.75 12.80 12.85 12.90



#78

Terphenyl-d14

Concen: 74.57 ng

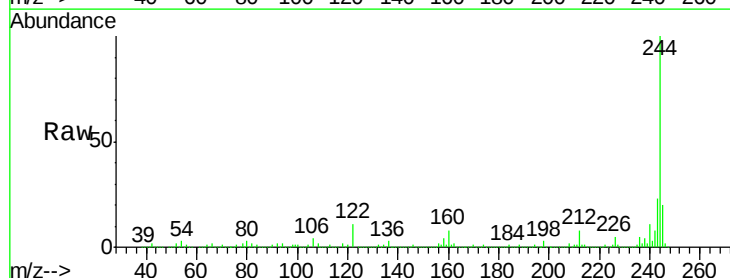
RT: 12.99 min Scan# 989

Delta R.T. -0.00 min

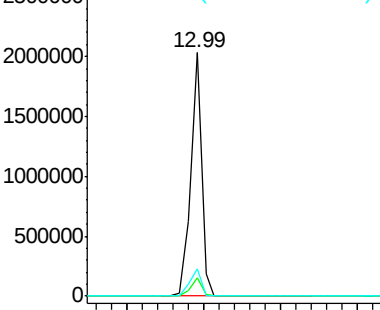
Lab File: BF091284.D

Acq: 23 Nov 2016 19:35

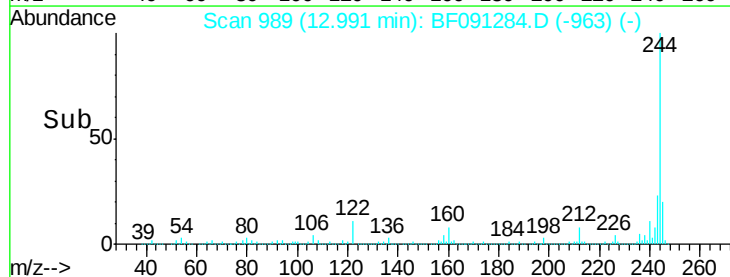
Tgt Ion:	244	Resp:	1976564
Ion Ratio		Lower	Upper
244	100		
212	7.7	6.5	9.7
122	11.2	9.5	14.3

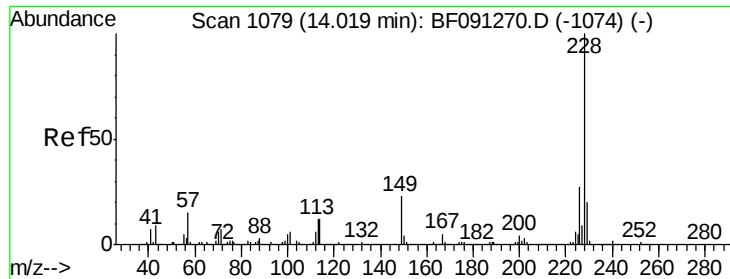


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time--> 12.90 13.00 13.10 13.20





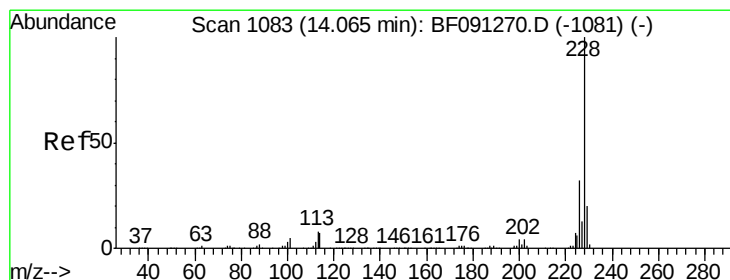
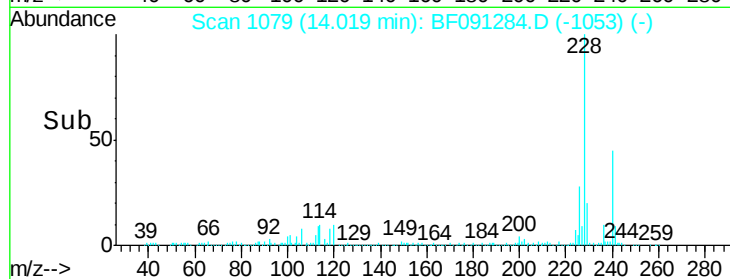
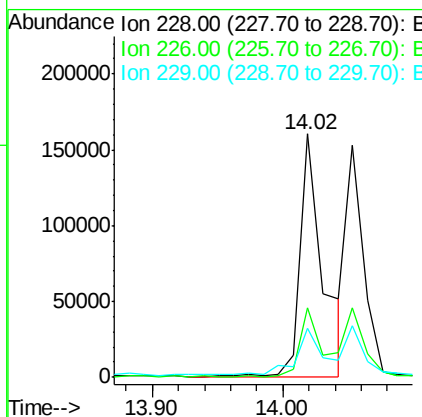
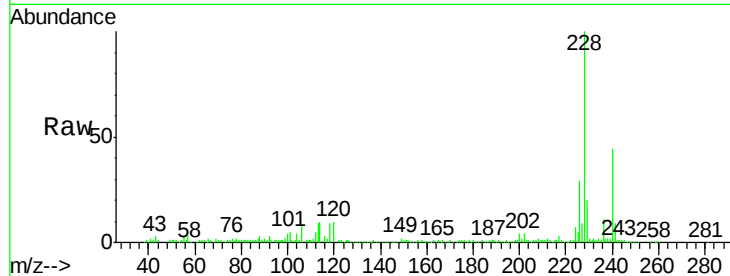
#80
Benzo(a)anthracene
Concen: 5.64 ng
RT: 14.02 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BF091284.D
Acq: 23 Nov 2016 19:35

Instrument :
BNA_F
ClientSampleId :
18A-STOCKPILE

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.5	33.7
229	20.3	16.4	24.6

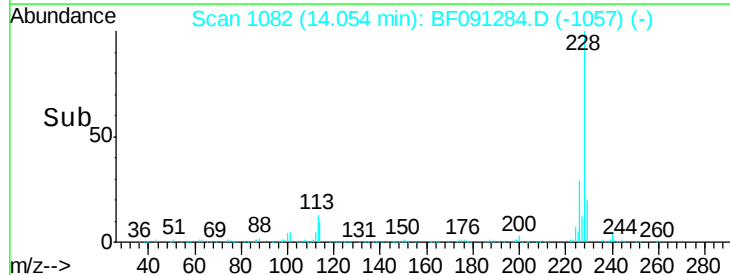
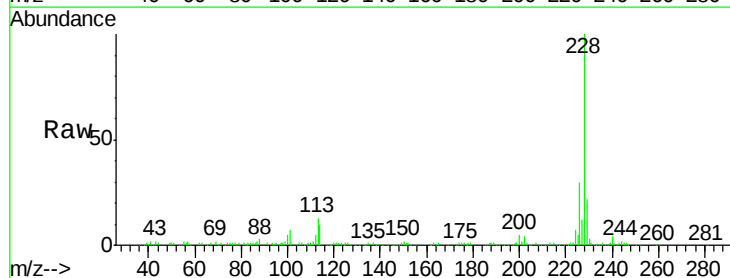
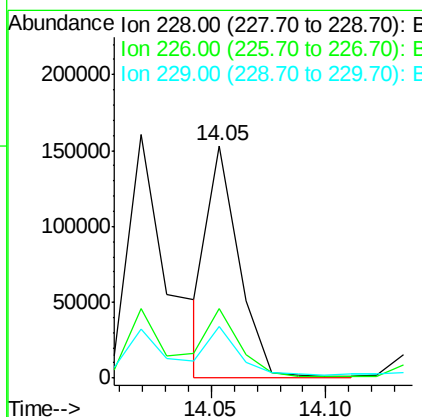
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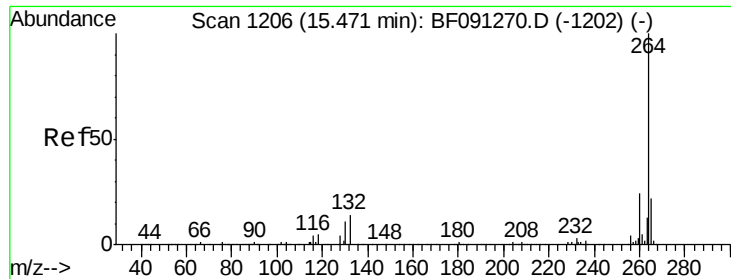
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#82
Chrysene
Concen: 4.49 ng m
RT: 14.05 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BF091284.D
Acq: 23 Nov 2016 19:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.4
229	22.1	16.0	24.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.47 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BF091284.D

Acq: 23 Nov 2016 19:35

Instrument :

BNA_F

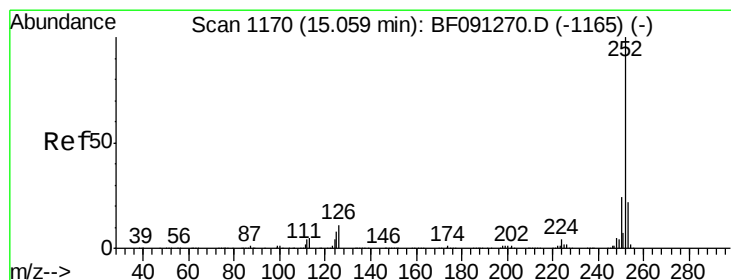
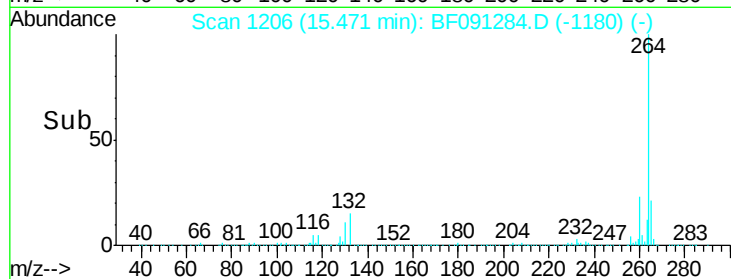
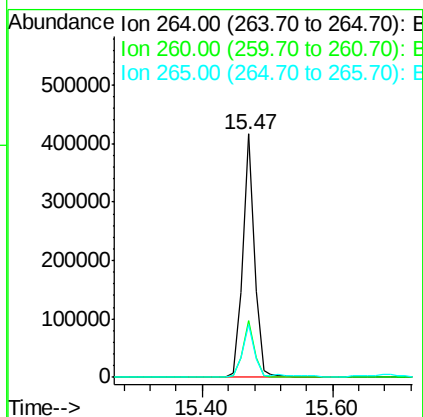
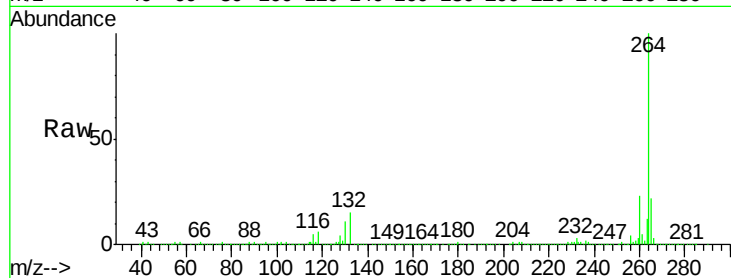
ClientSampleId :

18A-STOCKPILE

Tgt Ion:	264	Resp:	512160
Ion Ratio		Lower	Upper
264	100		
260	23.2	18.8	28.2
265	21.6	17.0	25.6

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 4.58 ng m

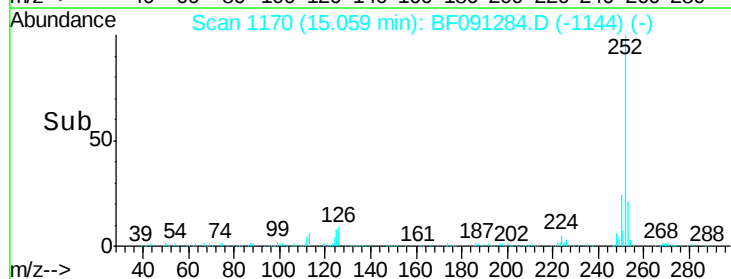
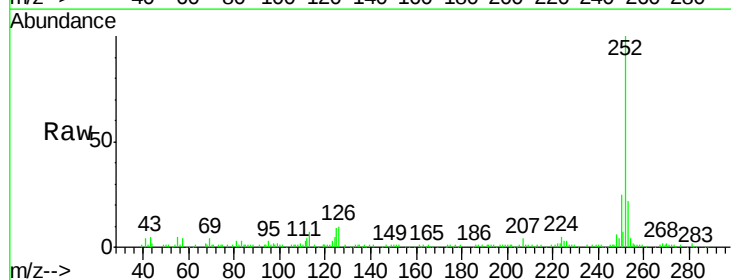
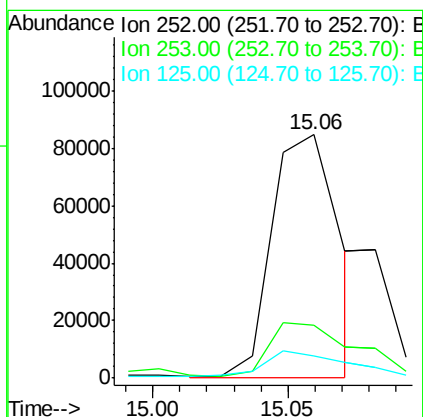
RT: 15.06 min Scan# 1170

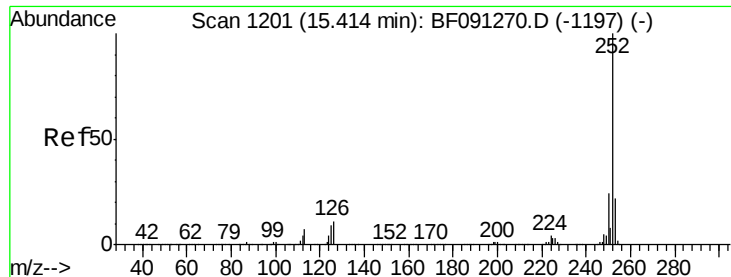
Delta R.T. 0.00 min

Lab File: BF091284.D

Acq: 23 Nov 2016 19:35

Tgt Ion:	252	Resp:	147919
Ion Ratio		Lower	Upper
252	100		
253	21.7	18.2	27.2
125	9.3	8.6	13.0





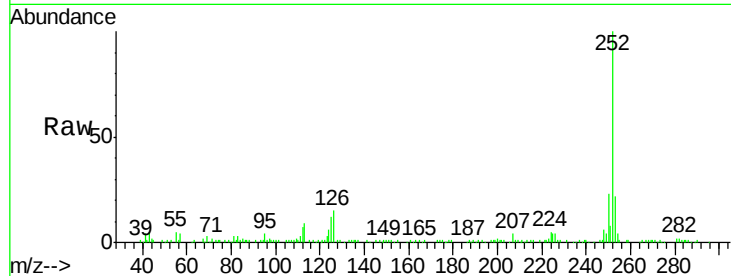
#89
Benzo(a)pyrene
Concen: 3.61 ng
RT: 15.40 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF091284.D
Acq: 23 Nov 2016 19:35

Instrument :
BNA_F
ClientSampleId :
18A-STOCKPILE

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	99287		
253	21.7		18.2	27.4
125	12.0		10.4	15.6

Manual Integrations
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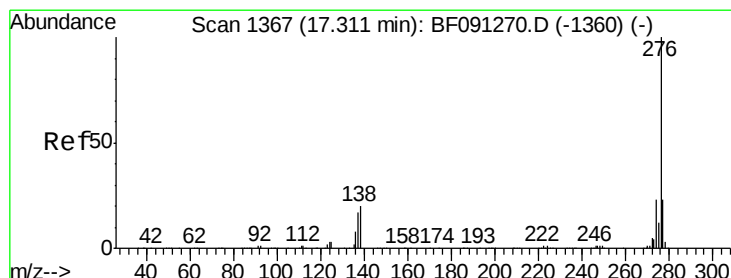
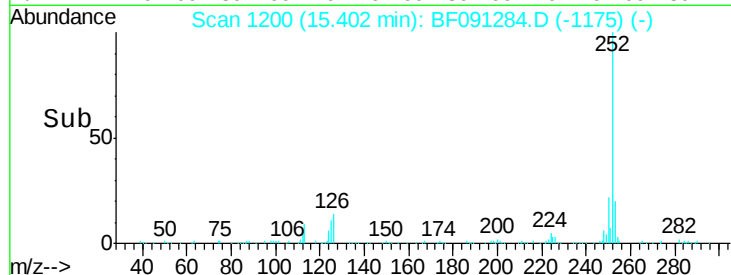
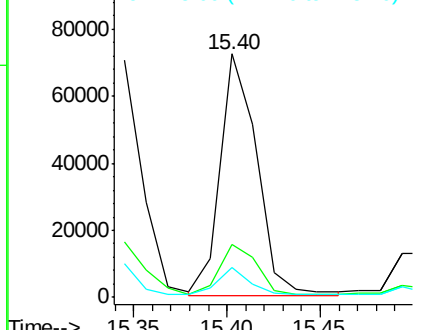


Abundance

Ion 252.00 (251.70 to 252.70): E

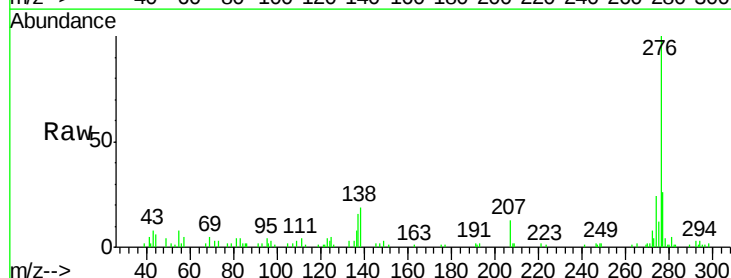
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Benzo(g,h,i)perylene
Concen: 2.20 ng
RT: 17.30 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF091284.D
Acq: 23 Nov 2016 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	55487		
277	26.2		19.0	28.4
138	19.2		15.4	23.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

