

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
 Data File : BF091639.D
 Acq On : 15 Dec 2016 20:14
 Operator : UM/SJ
 Sample : H6085-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-COMP-N-S-E-W-M

Manual Integrations
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 12/16/2016 6:23:36 PM

Quant Time: Dec 16 01:04:44 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	293442	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	1137419	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	611042	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	879693	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	681208	20.00	ng	0.00
86) Perylene-d12	15.35	264	627824	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	2294442	131.73	ng	0.01
7) Phenol-d6	6.43	99	2786332	128.32	ng	0.00
23) Nitrobenzene-d5	7.36	82	2075009	101.82	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	615715	121.32	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2662057	75.28	ng	0.00
78) Terphenyl-d14	12.90	244	2383272	79.39	ng	0.00
Target Compounds						
10) Phenol	6.44	94	252246	9.94	ng	81
49) Dimethylphthalate	9.54	163	349214	9.03	ng	98
74) Fluoranthene	12.51	202	248566	5.45	ng	97
77) Pyrene	12.74	202	260828	4.83	ng	98
80) Benzo(a)anthracene	13.93	228	108605	2.75	ng	97
82) Chrysene	13.96	228	102601m	2.48	ng	
83) Bis(2-ethylhexyl)phthalate	13.93	149	295113	10.92	ng	98
87) Benzo(b)fluoranthene	14.95	252	120318m	3.21	ng	
89) Benzo(a)pyrene	15.29	252	81813	2.43	ng	# 92

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

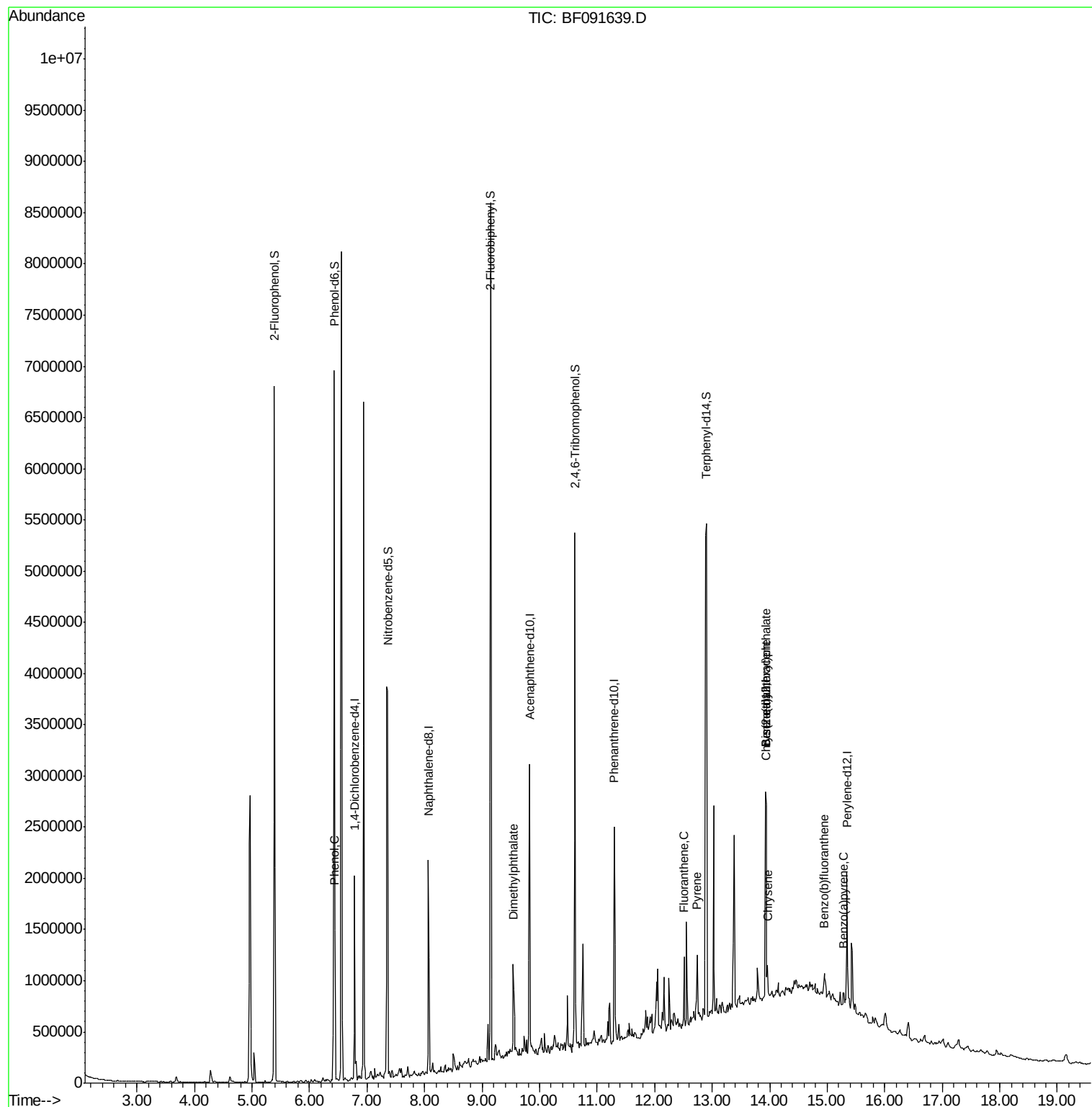
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
Data File : BF091639.D
Acq On : 15 Dec 2016 20:14
Operator : UM/SJ
Sample : H6085-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

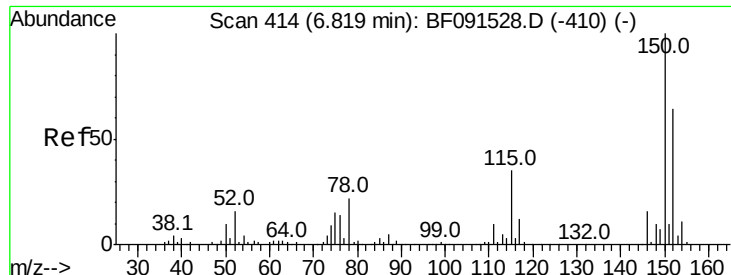
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-COMP-N-S-E-W-M

Manual Integrations
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Quant Time: Dec 16 01:04:44 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 00:35:41 2016
Response via : Initial Calibration





#1

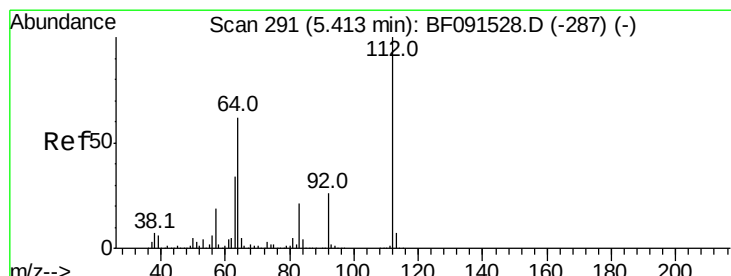
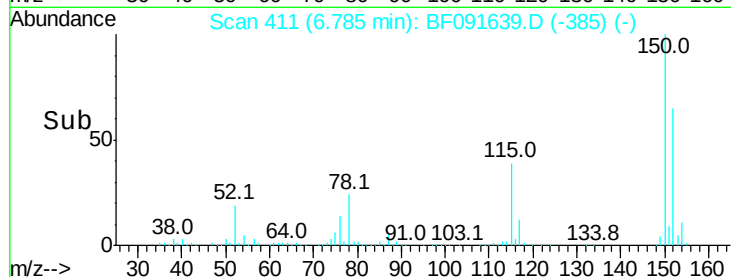
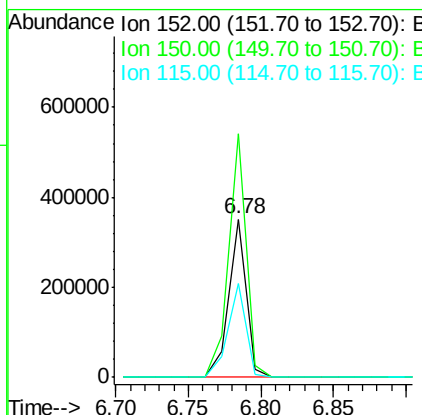
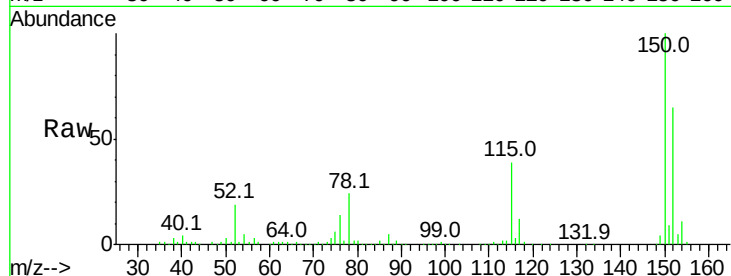
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF091639.D
Acq: 15 Dec 2016 20:14

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-COMP-N-S-E-W-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	122.5	183.7
115	59.8	51.8	77.8

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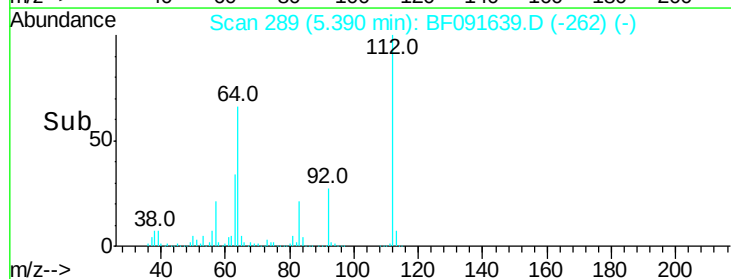
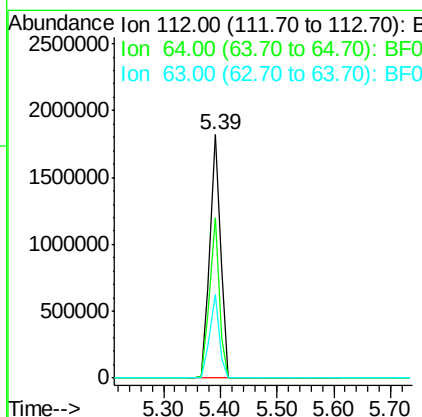
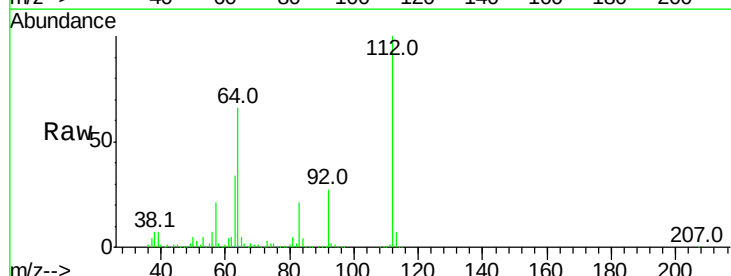
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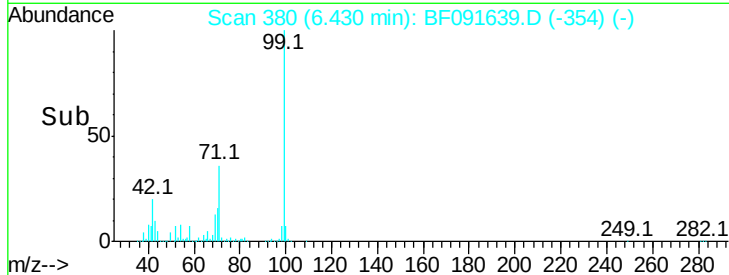
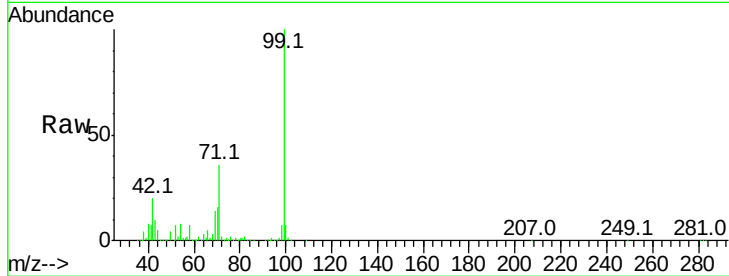
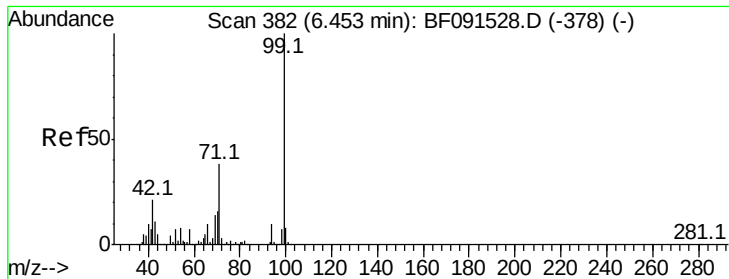


#5

2-Fluorophenol
Concen: 131.73 ng
RT: 5.39 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF091639.D
Acq: 15 Dec 2016 20:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.9	61.5	92.3
63	34.3	33.3	49.9





#7

Phenol-d6

Concen: 128.32 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091639.D

Acq: 15 Dec 2016 20:14

Tot Ion: 99 Resp: 2786332

Ion Ratio Lower Upper

99 100

42 20.0 20.6 31.0#

71 35.7 29.9 44.9

Instrument :

BNA_F

ClientSampleId :

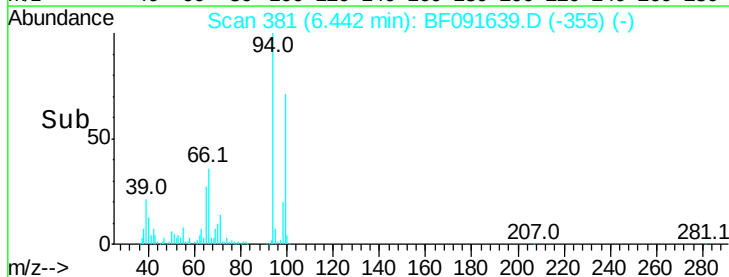
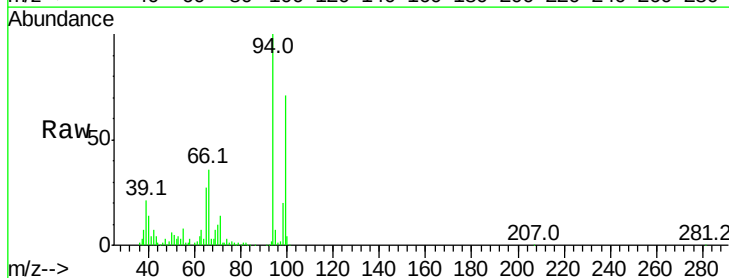
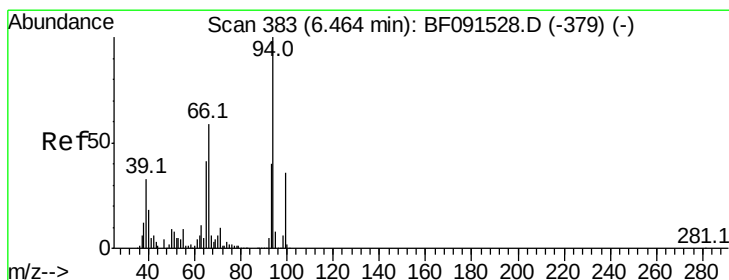
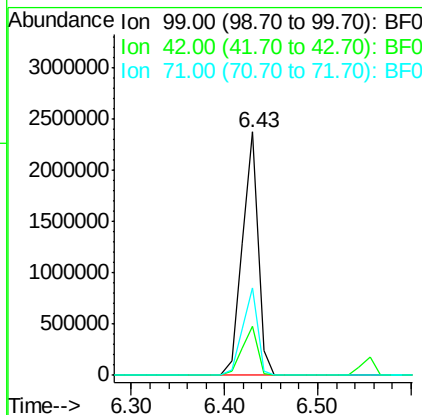
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#10

Phenol

Concen: 9.94 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF091639.D

Acq: 15 Dec 2016 20:14

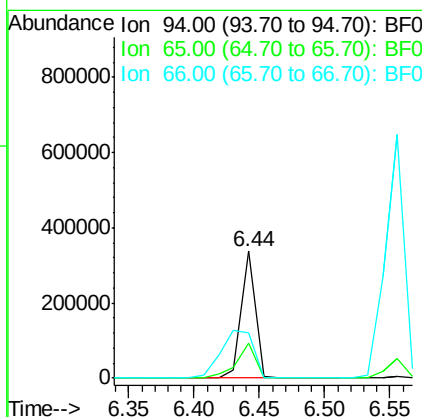
Tgt Ion: 94 Resp: 252246

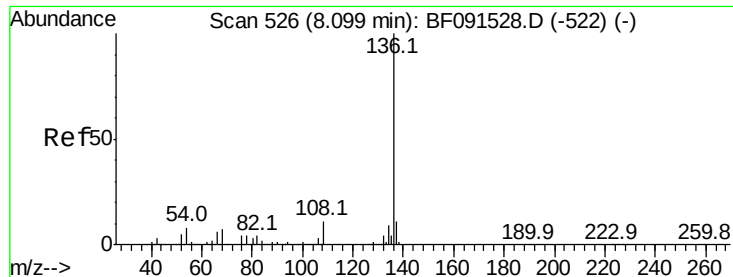
Ion Ratio Lower Upper

94 100

65 27.3 16.9 56.9

66 35.8 30.6 70.6





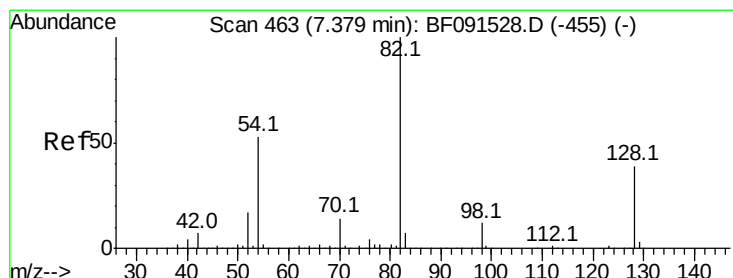
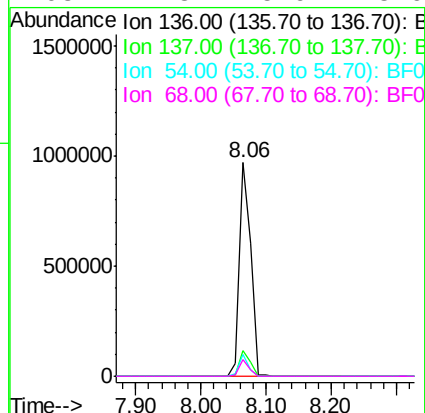
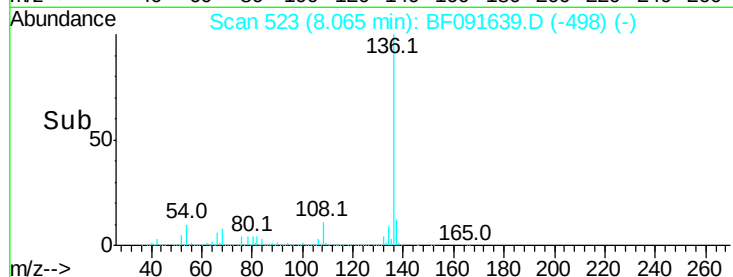
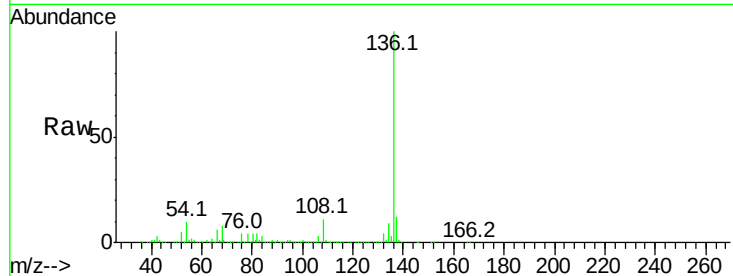
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF091639.D
Acq: 15 Dec 2016 20:14

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-COMP-N-S-E-W-M

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	10.1	9.1	13.7
68	7.8	5.9	8.9

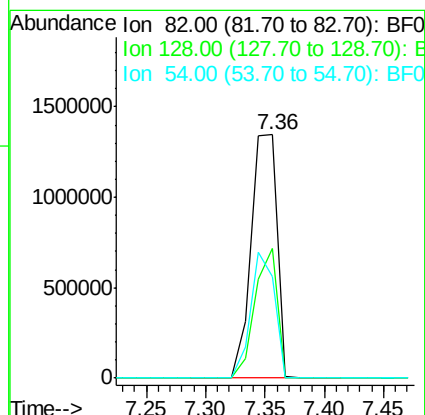
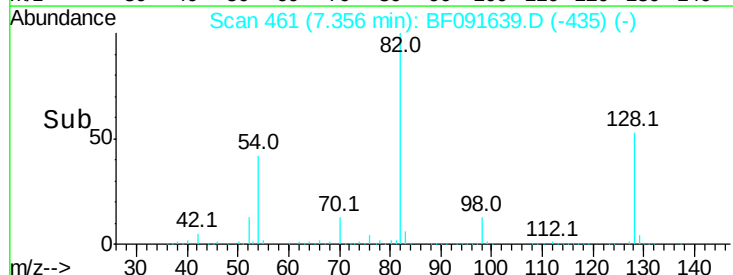
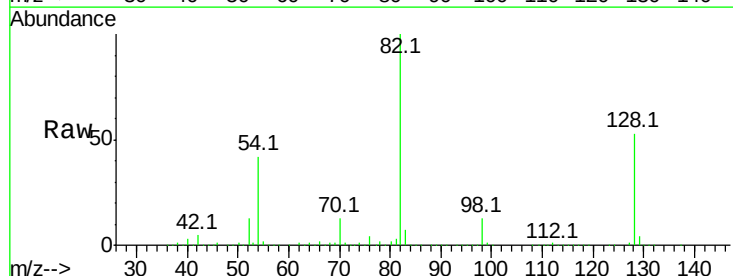
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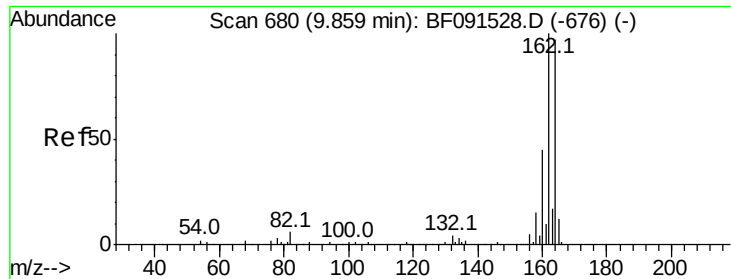
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#23
Nitrobenzene-d5
Concen: 101.82 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF091639.D
Acq: 15 Dec 2016 20:14

Tgt Ion	Ratio	Lower	Upper
82	100		
128	53.1	31.8	47.6#
54	41.6	49.1	73.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF091639.D

Acq: 15 Dec 2016 20:14

Instrument :

BNA_F

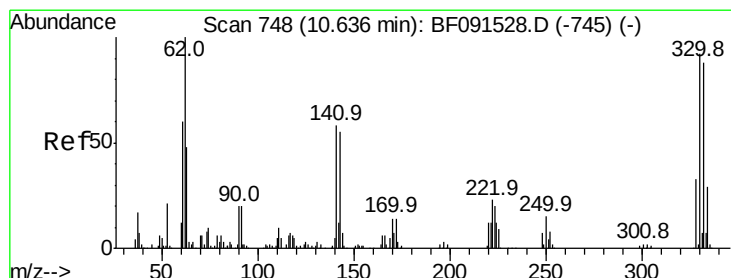
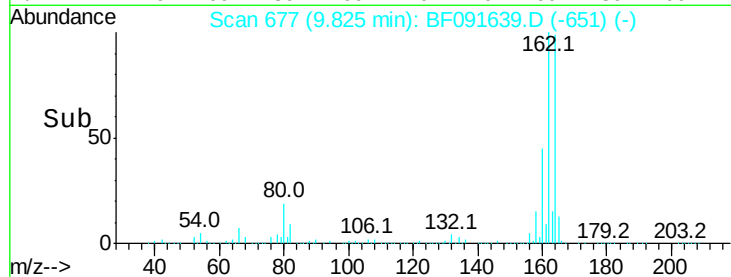
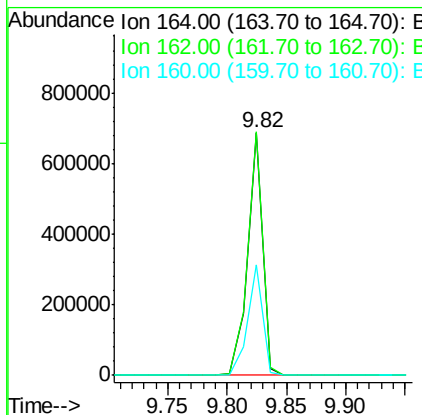
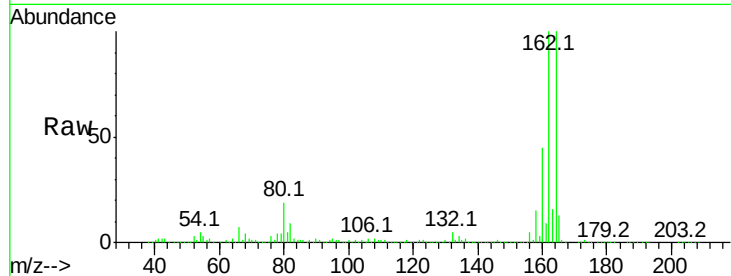
ClientSampleId :

STOCKPILE-COMP-N-S-E-W-M

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.6	124.0
160	45.5	36.7	55.1

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#41

2,4,6-Tribromophenol

Concen: 121.32 ng

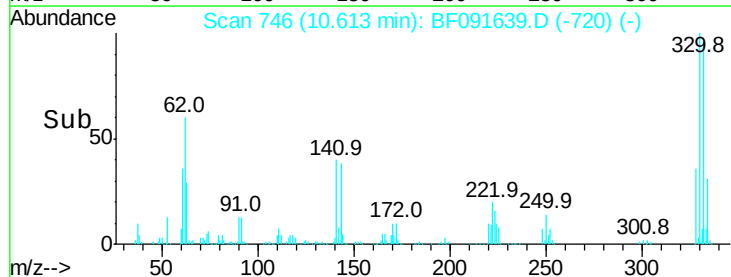
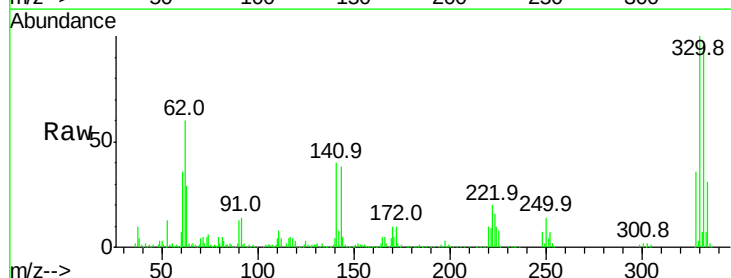
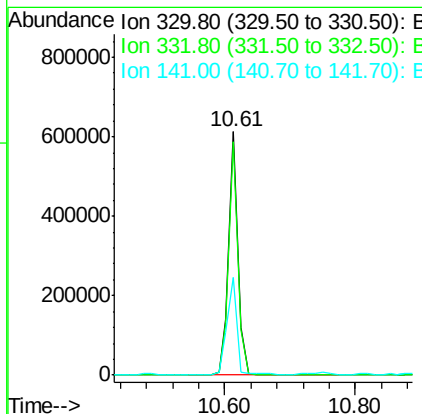
RT: 10.61 min Scan# 746

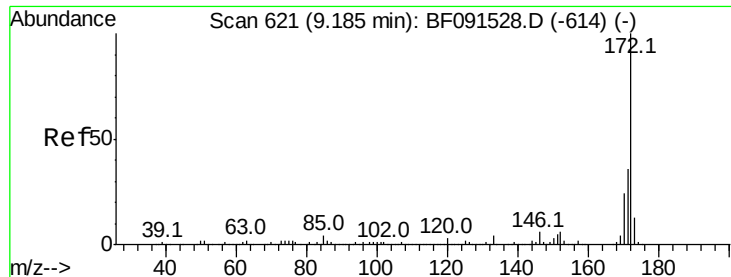
Delta R.T. 0.00 min

Lab File: BF091639.D

Acq: 15 Dec 2016 20:14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.2	114.4
141	41.3	33.6	50.4





#44

2-Fluorobiphenyl

Concen: 75.28 ng

RT: 9.15 min Scan# 618

Delta R.T. 0.00 min

Lab File: BF091639.D

Acq: 15 Dec 2016 20:14

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-COMP-N-S-E-W-M

Tot Ion:172 Resp: 2662057

Ion Ratio Lower Upper

172 100

171 37.0 29.4 44.0

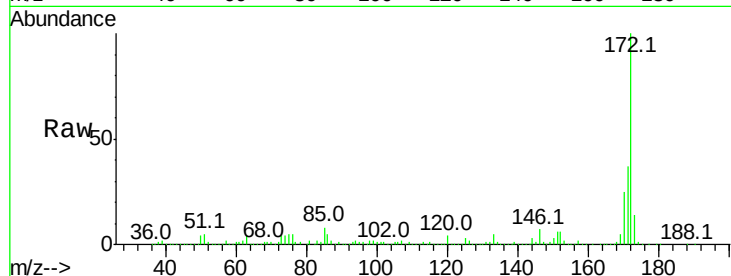
170 25.3 19.7 29.5

Manual Integrations

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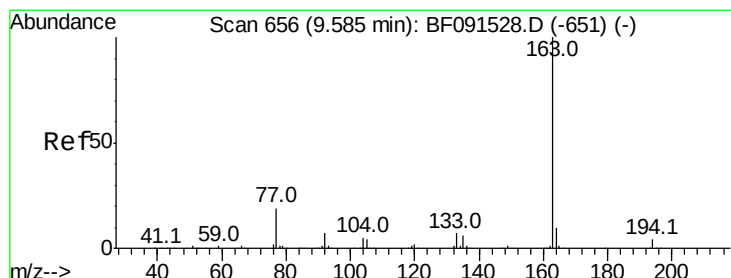
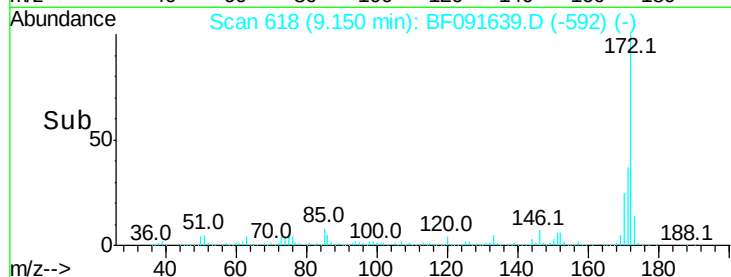
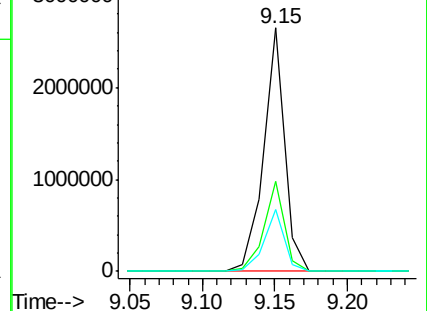
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49

Dimethylphthalate

Concen: 9.03 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.02 min

Lab File: BF091639.D

Acq: 15 Dec 2016 20:14

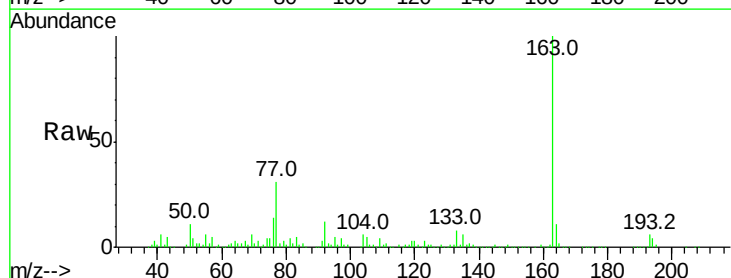
Tgt Ion:163 Resp: 349214

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

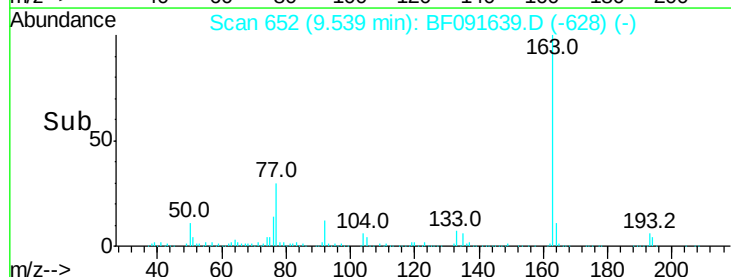
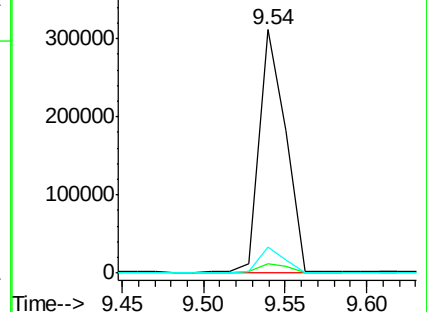
164 10.7 7.8 11.8

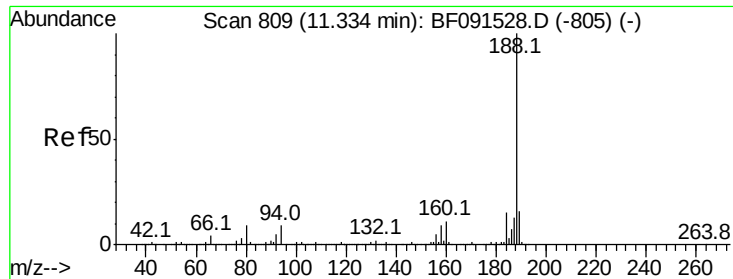


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF091639.D

Acq: 15 Dec 2016 20:14

Instrument :

BNA_F

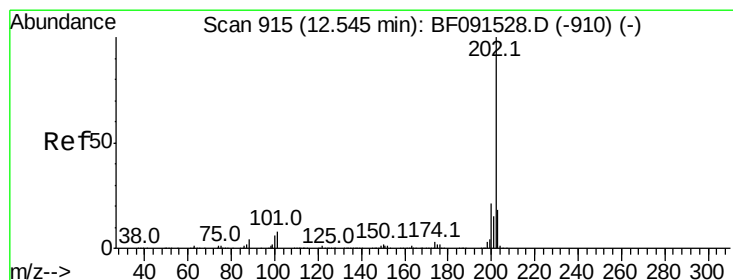
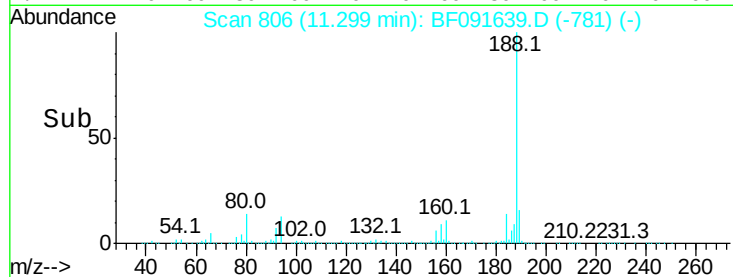
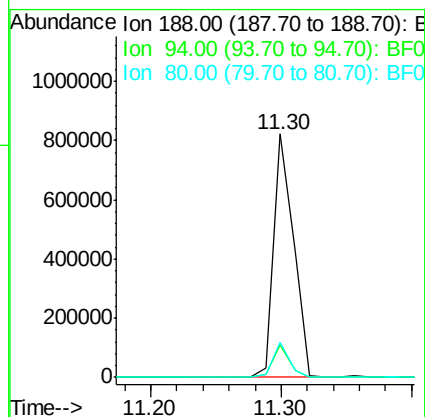
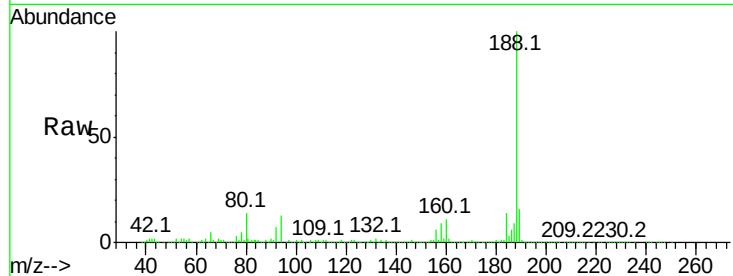
ClientSampleId :

STOCKPILE-COMP-N-S-E-W-M

Tot Ion:	188	Resp:	879693
Ion Ratio	Lower	Upper	
188	100		
94	13.2	9.2	13.8
80	14.4	10.5	15.7

Manual Integrations
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#74

Fluoranthene

Concen: 5.45 ng

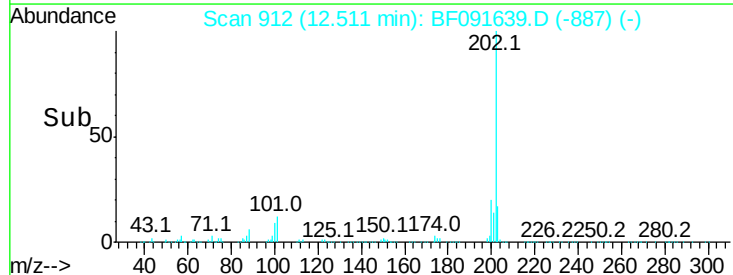
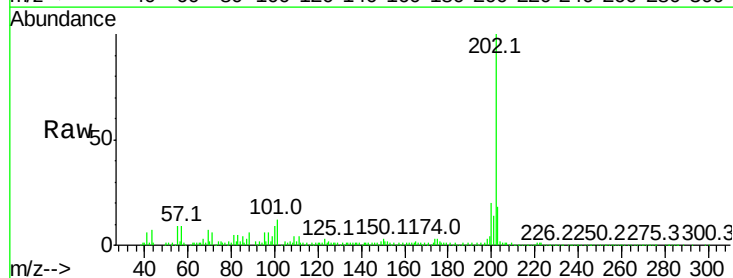
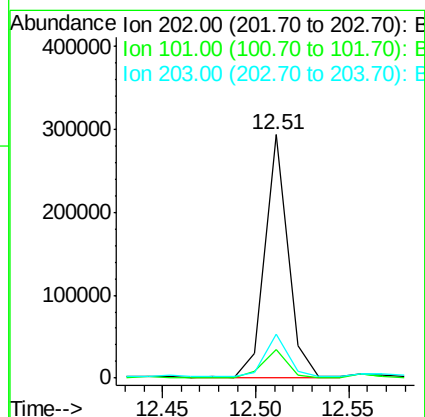
RT: 12.51 min Scan# 912

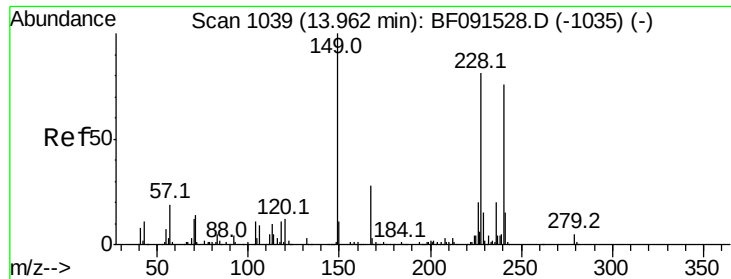
Delta R.T. -0.01 min

Lab File: BF091639.D

Acq: 15 Dec 2016 20:14

Tgt Ion:	202	Resp:	248566
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	29.5
203	17.9	0.0	37.8





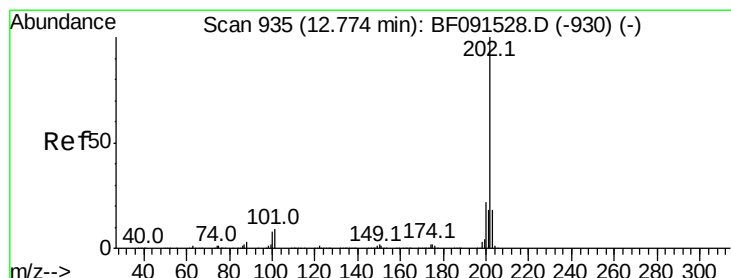
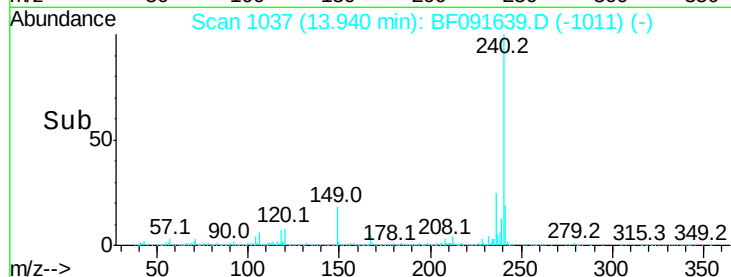
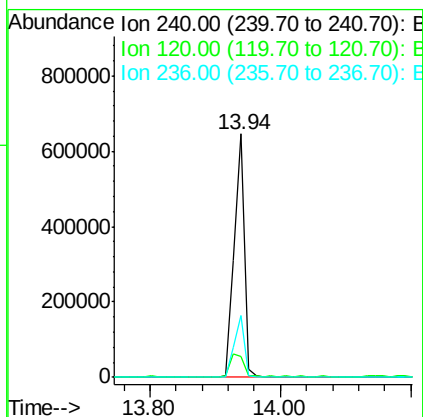
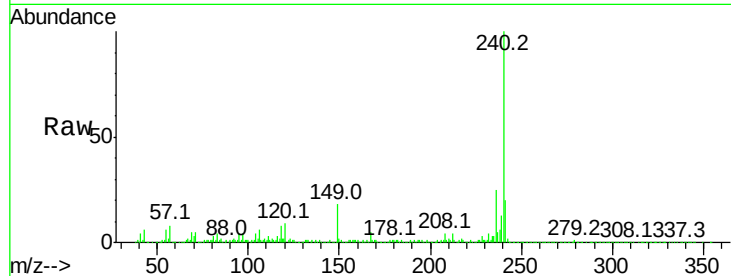
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF091639.D
Acq: 15 Dec 2016 20:14

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-COMP-N-S-E-W-M

Tot Ion	Ratio	Resp	Lower	Upper
240	100	681208		
120	8.8	12.1	18.1	#
236	25.2	21.0	31.6	

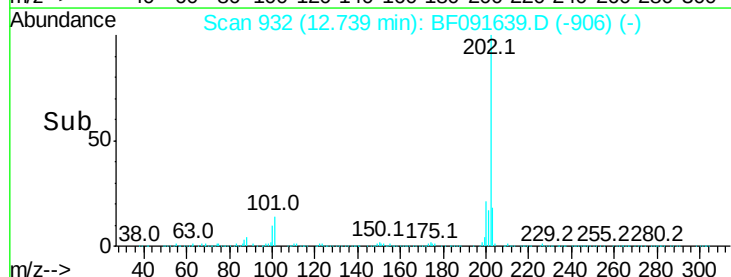
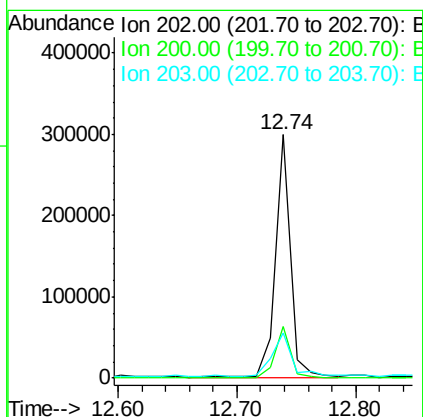
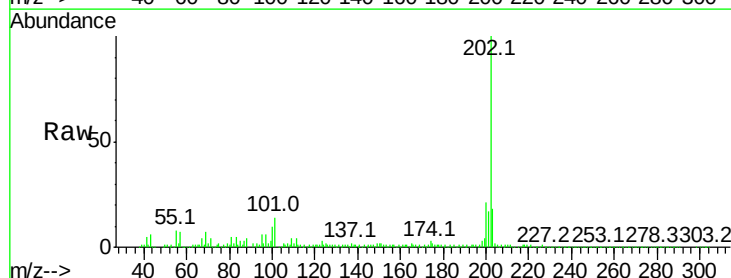
Manual Integrations
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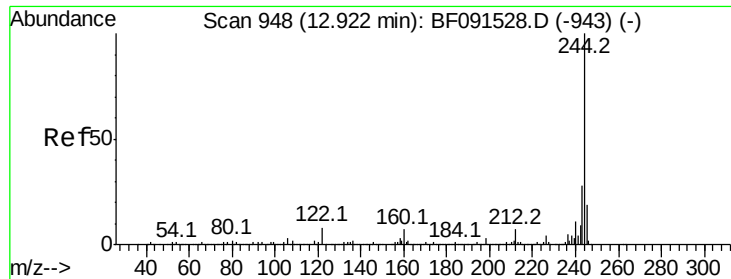
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#77
Pyrene
Concen: 4.83 ng
RT: 12.74 min Scan# 932
Delta R.T. 0.00 min
Lab File: BF091639.D
Acq: 15 Dec 2016 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	260828		
200	21.3	17.6	26.4	
203	18.4	14.0	21.0	





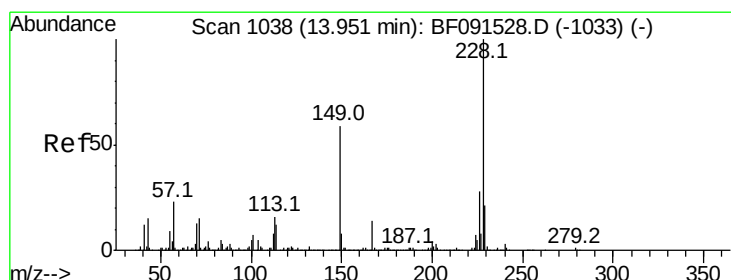
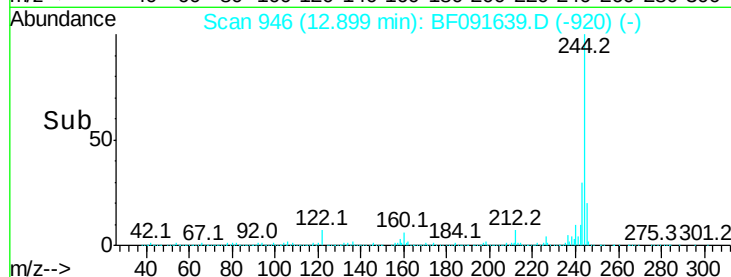
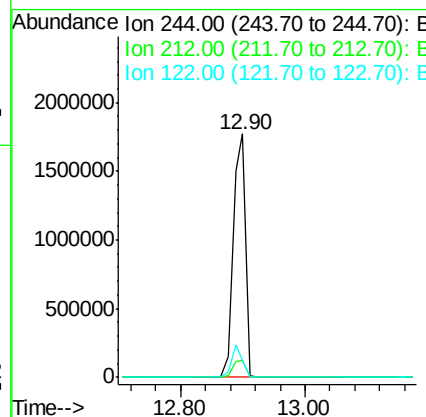
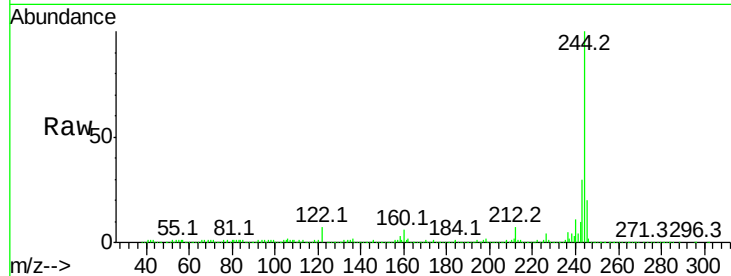
#78
 Terphenyl-d14
 Concen: 79.39 ng
 RT: 12.90 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF091639.D
 Acq: 15 Dec 2016 20:14

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-COMP-N-S-E-W-M

Tot Ion:244 Resp: 2383272
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.5 9.7
 122 7.1 9.5 14.3#

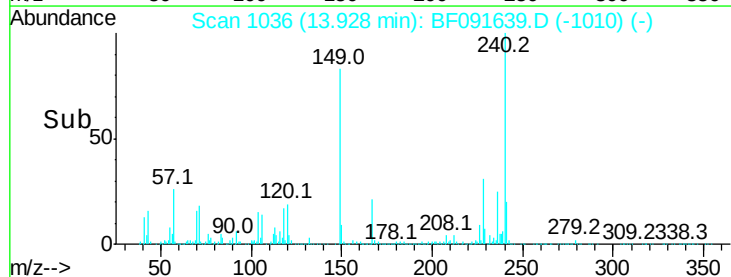
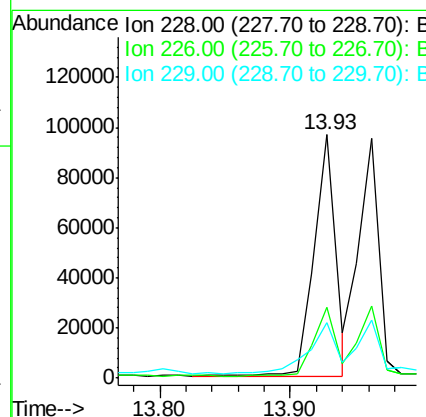
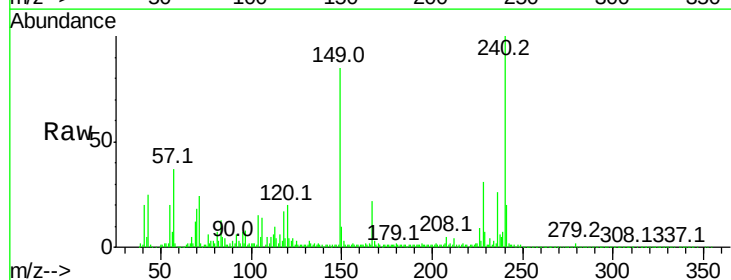
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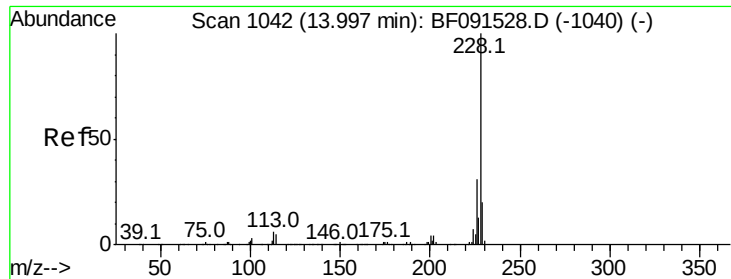
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#80
 Benzo(a)anthracene
 Concen: 2.75 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF091639.D
 Acq: 15 Dec 2016 20:14

Tgt Ion:228 Resp: 108605
 Ion Ratio Lower Upper
 228 100
 226 29.3 22.5 33.7
 229 22.7 16.4 24.6





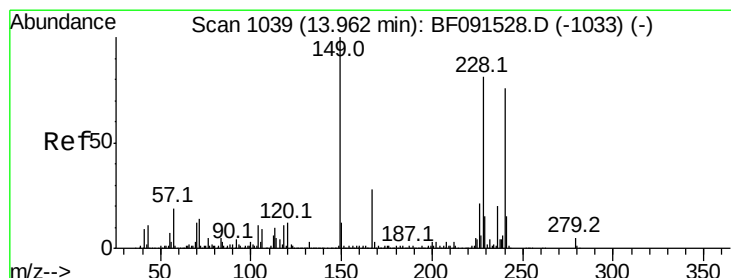
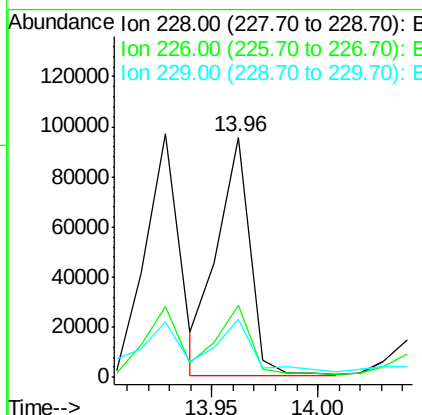
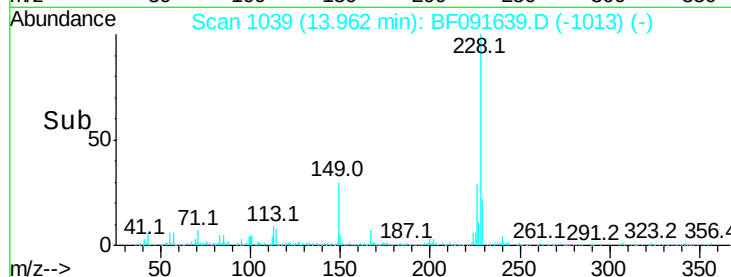
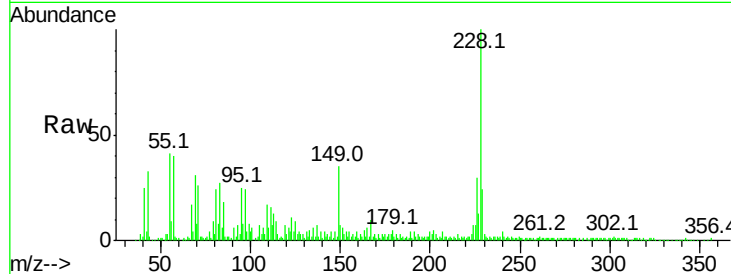
#82
Chrysene
Concen: 2.48 ng/ml
RT: 13.96 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF091639.D
Acq: 15 Dec 2016 20:14

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-COMP-N-S-E-W-M

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.4
229	23.9	16.0	24.0

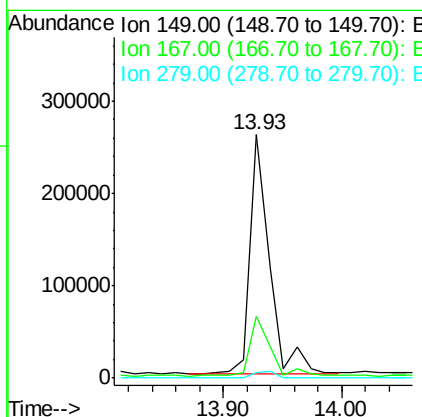
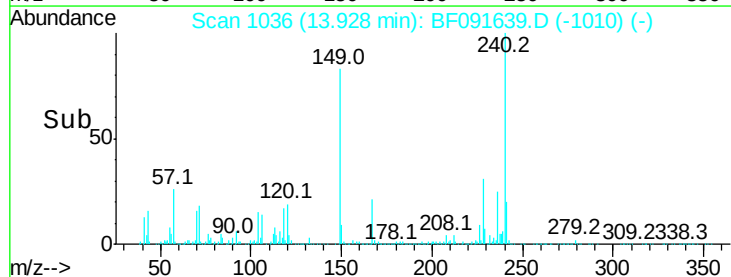
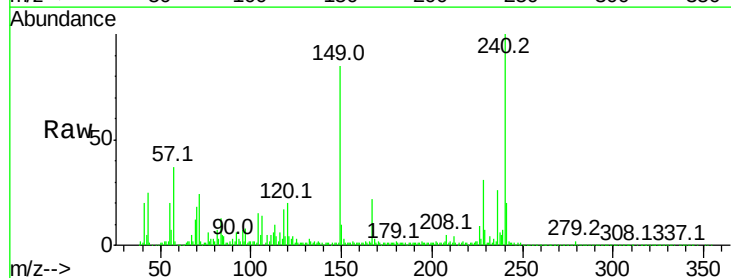
Manual Integrations
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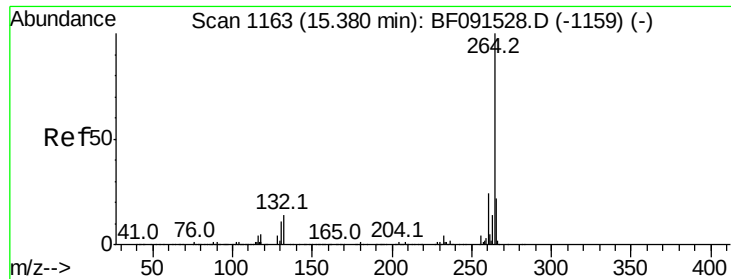
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#83
Bis(2-ethylhexyl)phthalate
Concen: 10.92 ng
RT: 13.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF091639.D
Acq: 15 Dec 2016 20:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.7	19.6	29.4
279	2.3	1.9	2.9





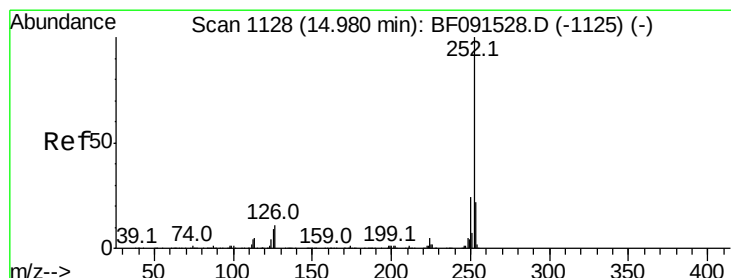
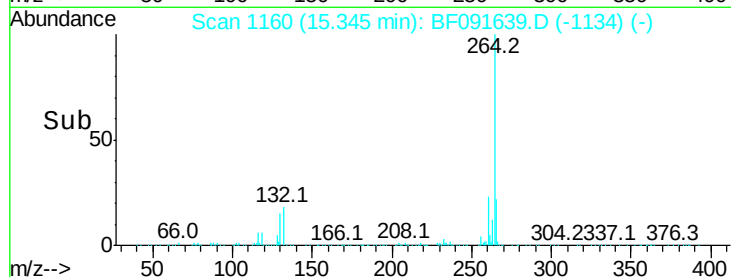
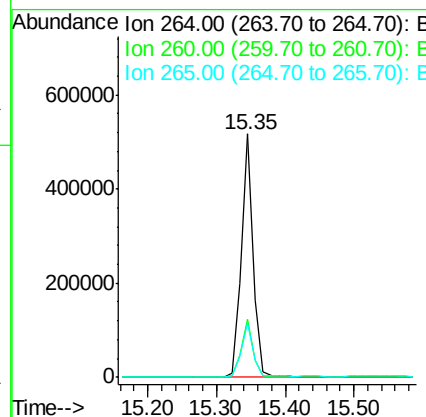
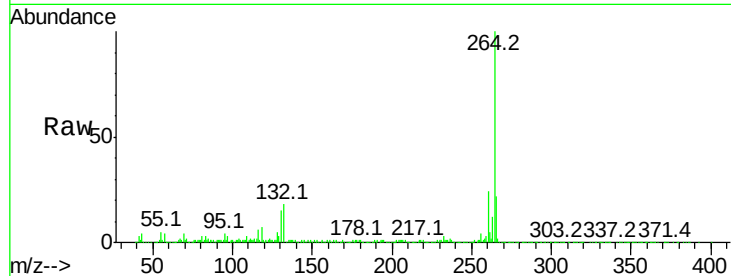
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF091639.D
Acq: 15 Dec 2016 20:14

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-COMP-N-S-E-W-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	22.1	17.0	25.6

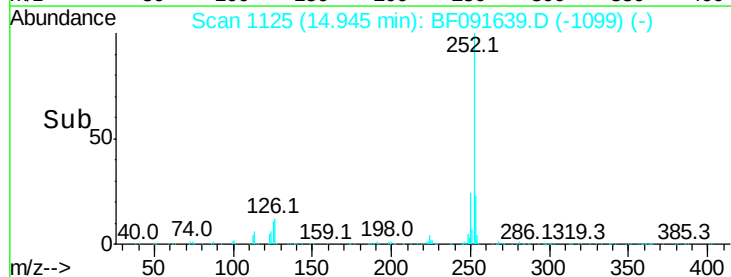
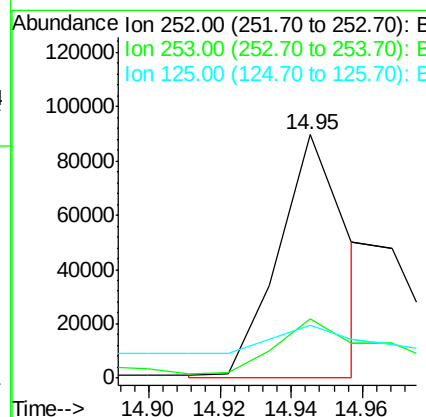
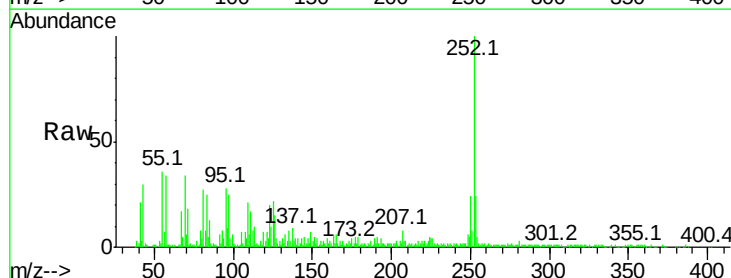
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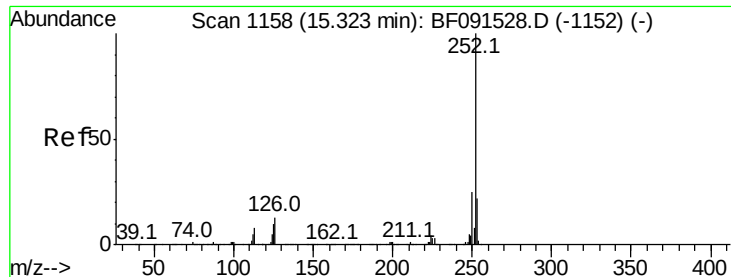
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#87
Benzo(b)fluoranthene
Concen: 3.21 ng m
RT: 14.95 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF091639.D
Acq: 15 Dec 2016 20:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.2	27.2
125	22.0	8.6	13.0





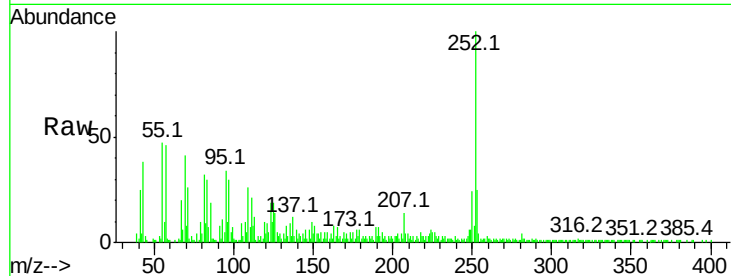
#89
 Benzo(a)pyrene
 Concen: 2.43 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BF091639.D
 Acq: 15 Dec 2016 20:14

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-COMP-N-S-E-W-M

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.2	27.4
125	19.2	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

