

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
 Data File : BF107471.D
 Acq On : 18 Jul 2018 12:27
 Operator : JU/SJ
 Sample : J3906-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-FOUNDRY

Manual Integrations
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 7/19/2018 11:49:22 AM

Quant Time: Jul 18 14:21:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 17 11:29:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	162637	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	622941	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	295859	20.00	ng	0.00
63) Phenanthrene-d10	11.53	188	477604	20.00	ng	0.00
75) Chrysene-d12	14.18	240	311930	20.00	ng	0.01
86) Perylene-d12	15.74	264	320288	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	864972	80.77	ng	0.01
7) Phenol-d6	6.61	99	1152672	83.26	ng	0.00
23) Nitrobenzene-d5	7.55	82	871267	74.58	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	219664	84.50	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1362465	75.58	ng	0.00
78) Terphenyl-d14	13.12	244	946752	75.41	ng	0.01
Target Compounds						
31) Naphthalene	8.29	128	98225	3.246	ng	97
37) 2-Methylnaphthalene	8.98	142	161866	8.116	ng	# 84
49) Dimethylphthalate	9.74	163	297285	12.647	ng	# 97
70) Phenanthrene	11.55	178	401174	16.855	ng	97
71) Anthracene	11.61	178	71855m	3.031	ng	
74) Fluoranthene	12.75	202	420566	15.546	ng	91
77) Pyrene	12.98	202	358754	16.913	ng	93
80) Benzo(a)anthracene	14.17	228	149459	7.831	ng	# 93
82) Chrysene	14.21	228	197278m	10.821	ng	
83) Bis(2-ethylhexyl)phthalate	14.14	149	52734	4.763	ng	# 85
85) Indeno(1,2,3-cd)pyrene	17.32	276	102161	7.872	ng	# 83
87) Benzo(b)fluoranthene	15.27	252	224475m	11.974	ng	
88) Benzo(k)fluoranthene	15.29	252	66272m	3.622	ng	
89) Benzo(a)pyrene	15.66	252	119304	6.934	ng	# 78
90) Dibenzo(a,h)anthracene	17.31	278	28787	2.217	ng	# 70
91) Benzo(g,h,i)perylene	17.80	276	103510	7.844	ng	# 88

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

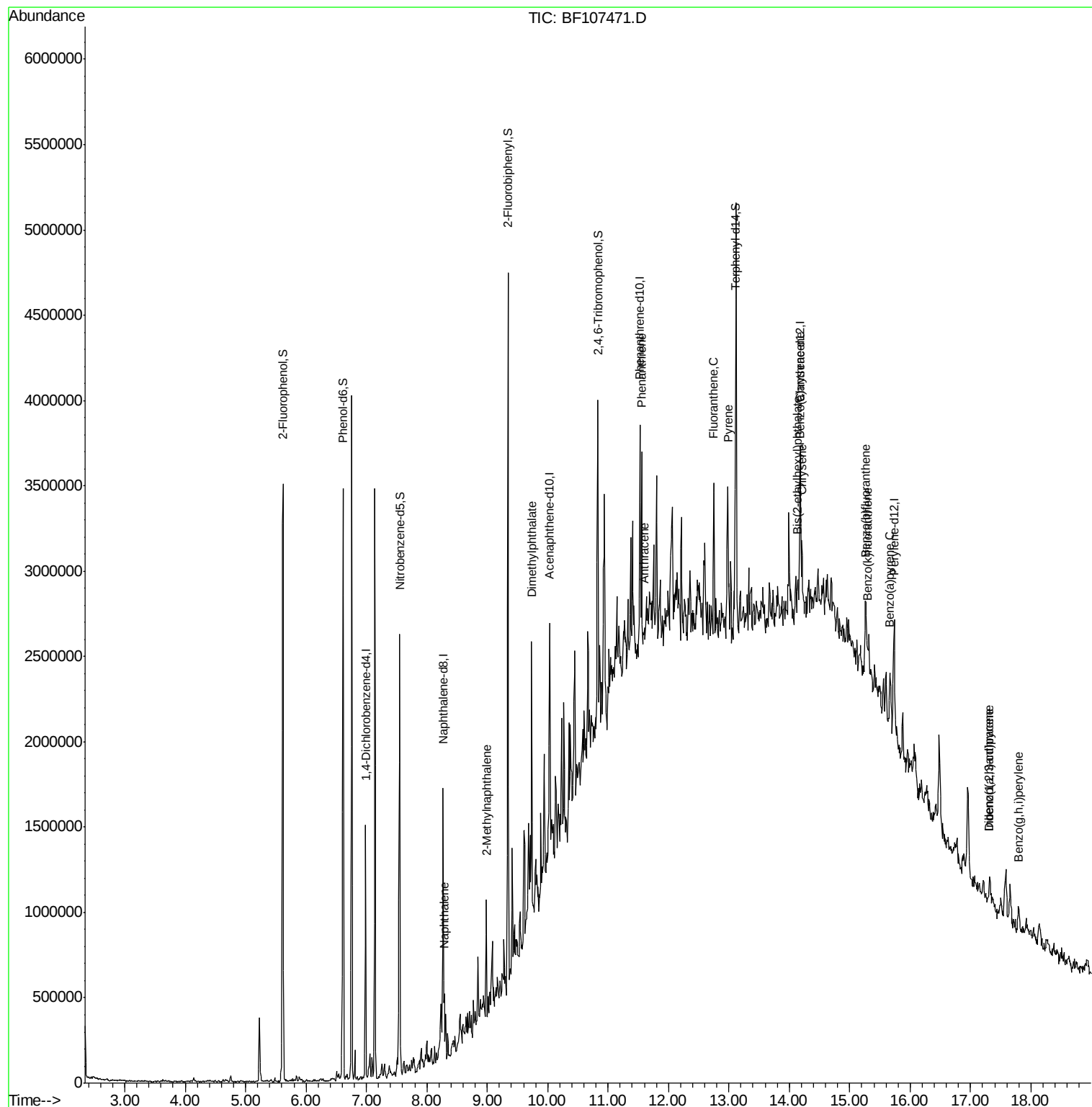
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107471.D
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Sample : J3906-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

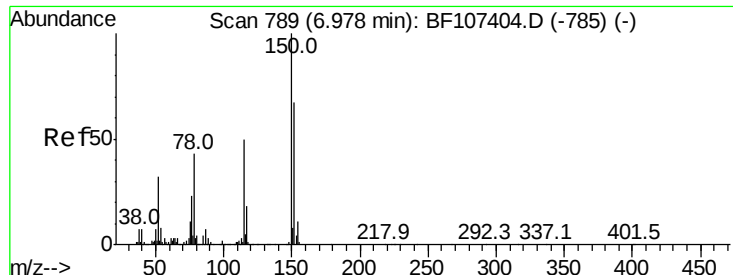
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-FOUNDRY

Quant Time: Jul 18 14:21:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 11:29:08 2018
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#1

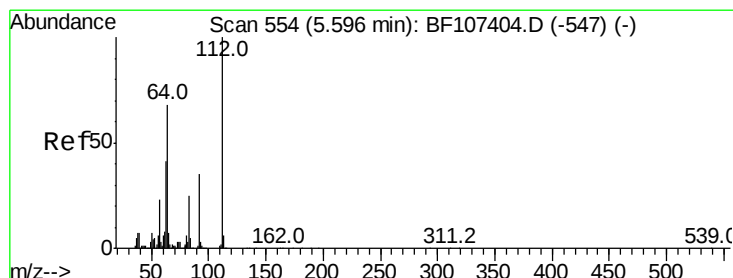
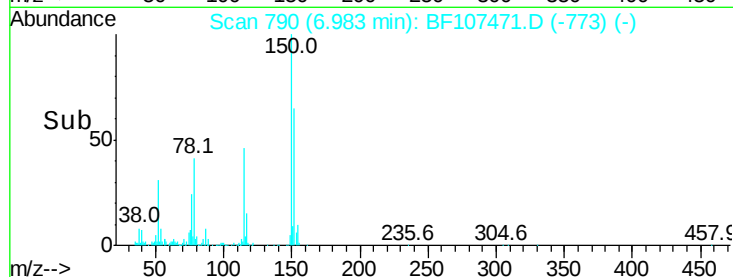
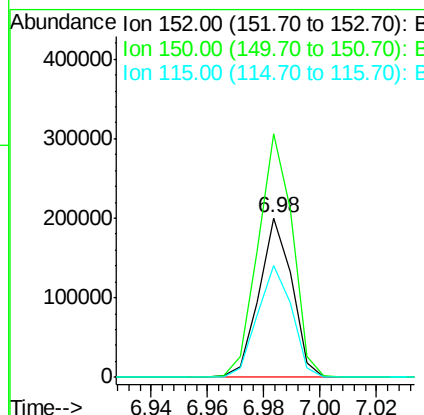
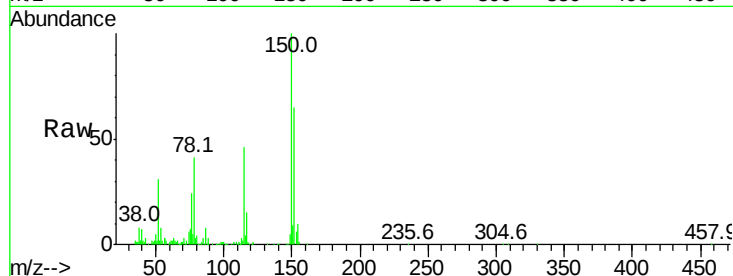
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF107471.D
Acq: 18 Jul 2018 12:27

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-FOUNDRY

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.6	186.8
115	70.5	50.1	75.1

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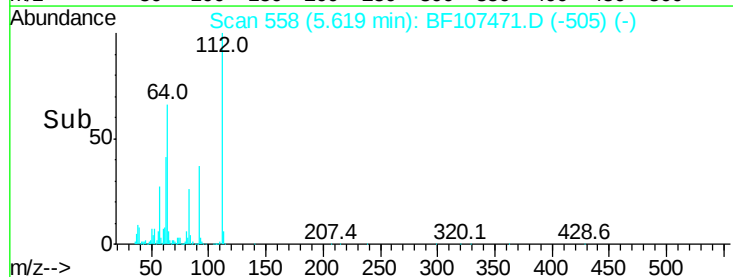
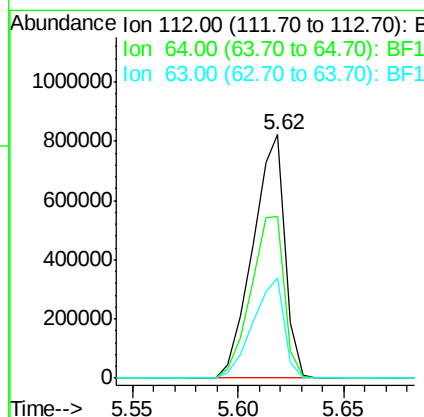
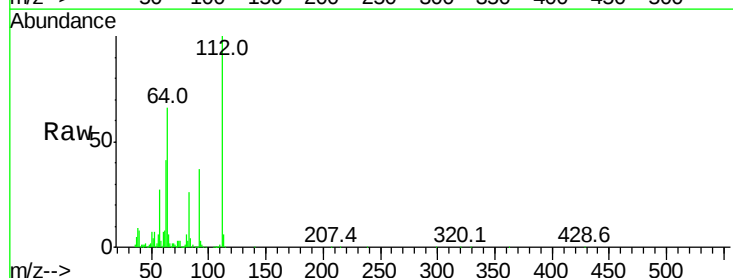
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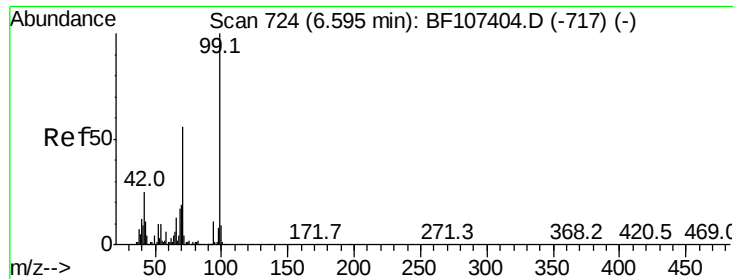


#5

2-Fluorophenol
Concen: 80.773 ng
RT: 5.62 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF107471.D
Acq: 18 Jul 2018 12:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.4	47.9	71.9
63	41.4	23.7	35.5





#7

Phenol-d6

Concen: 83.255 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF107471.D

Acq: 18 Jul 2018 12:27

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-FOUNDRY

Tot Ion: 99 Resp: 1152672

Ion Ratio Lower Upper

99 100

42 29.4 14.5 21.7#

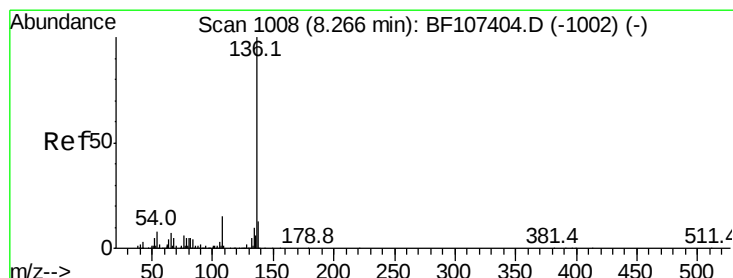
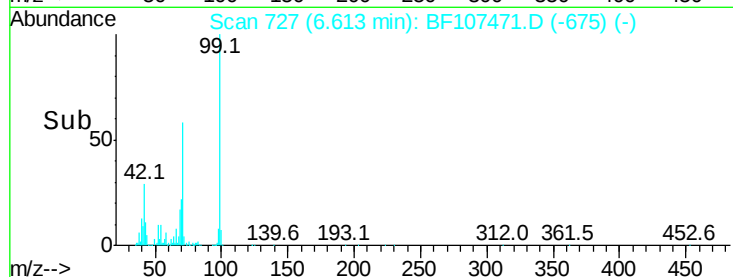
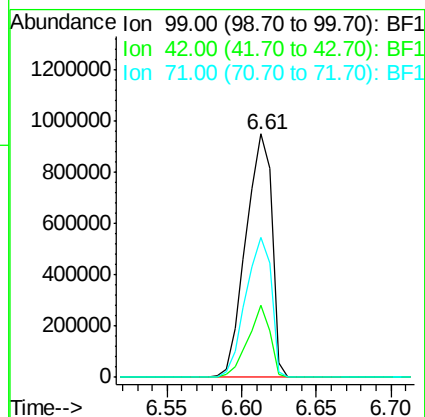
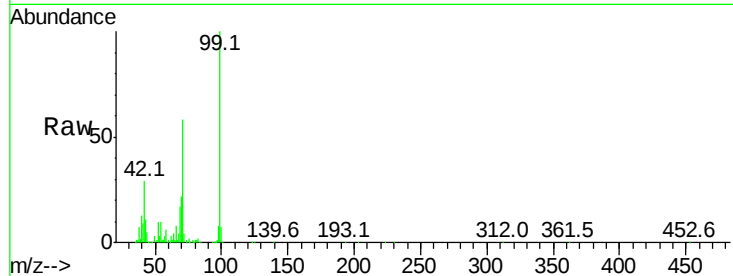
71 57.6 25.4 38.0#

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF107471.D

Acq: 18 Jul 2018 12:27

Tgt Ion: 136 Resp: 622941

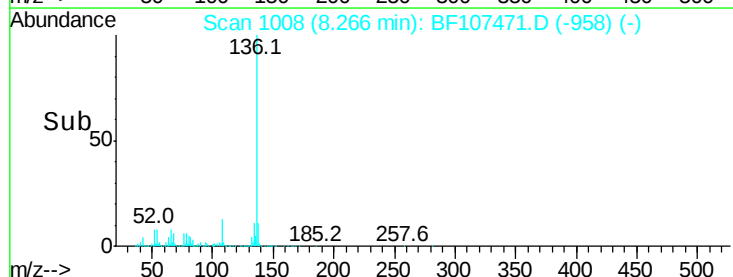
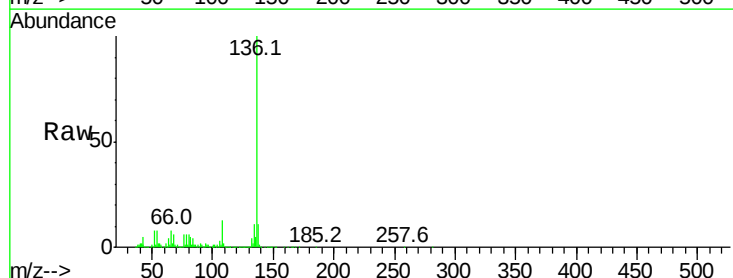
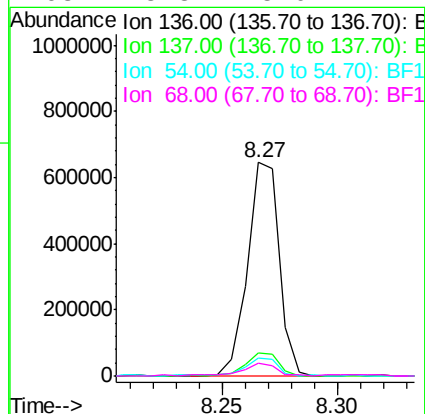
Ion Ratio Lower Upper

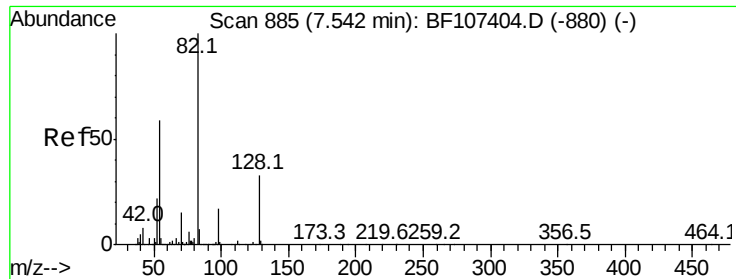
136 100

137 10.9 8.9 13.3

54 8.3 6.6 9.8

68 5.8 5.0 7.4





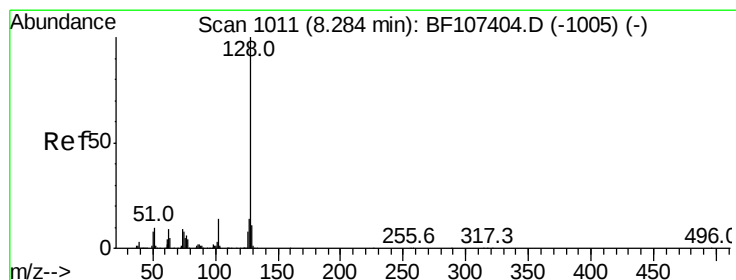
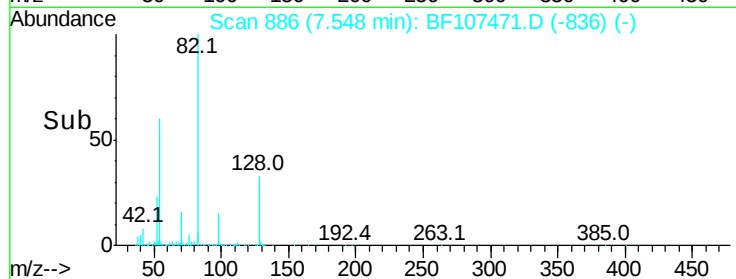
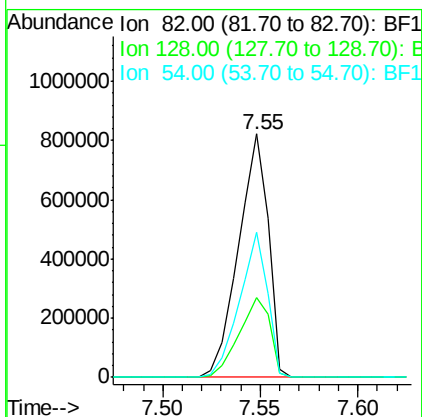
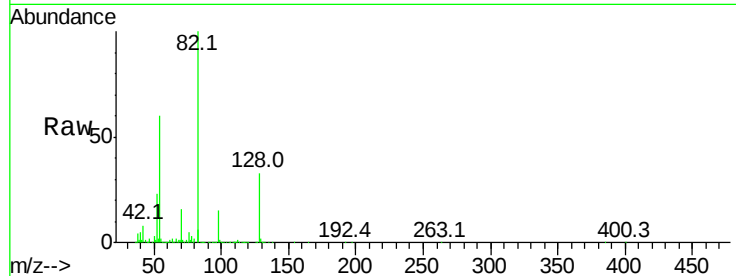
#23
Nitrobenzene-d5
Concen: 74.581 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF107471.D
Acq: 18 Jul 2018 12:27

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-FOUNDRY

Tot Ion	Ratio	Resp	Lower	Upper
82	100	871267		
128	33.0	36.1	54.1#	
54	59.7	41.4	62.2	

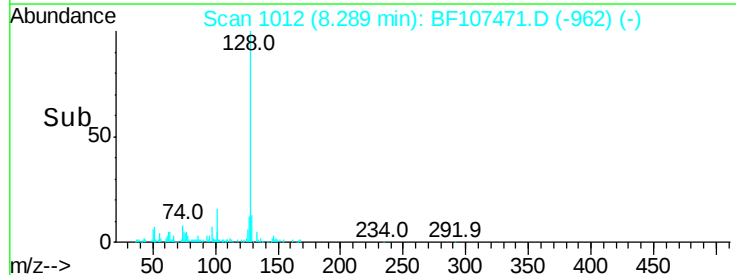
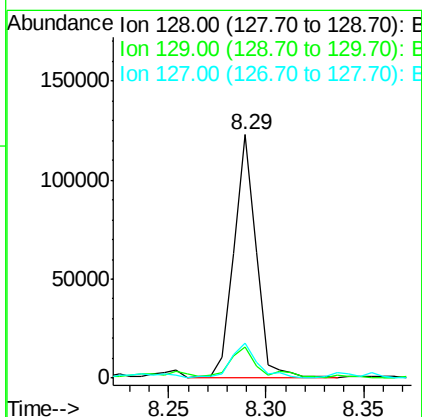
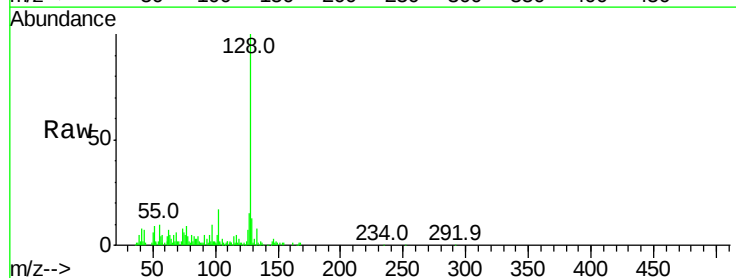
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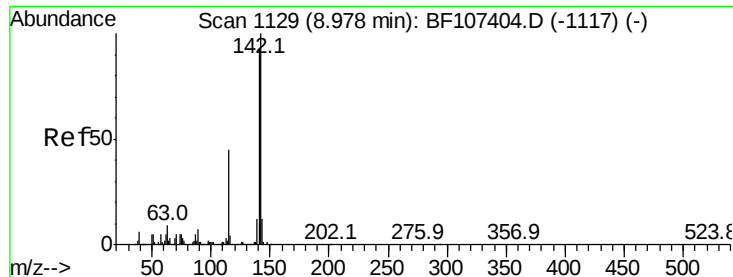
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#31
Naphthalene
Concen: 3.246 ng
RT: 8.29 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF107471.D
Acq: 18 Jul 2018 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	98225		
129	12.7	8.8	13.2	
127	14.6	10.9	16.3	





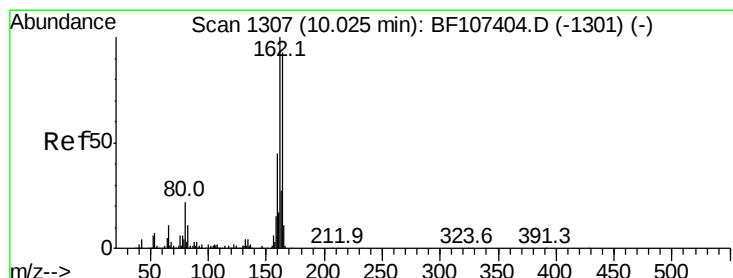
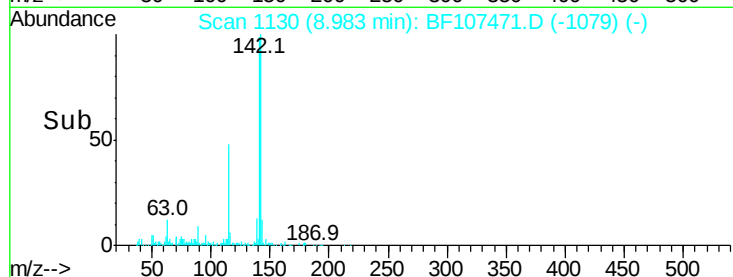
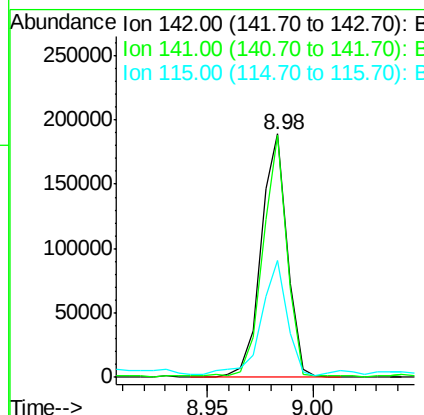
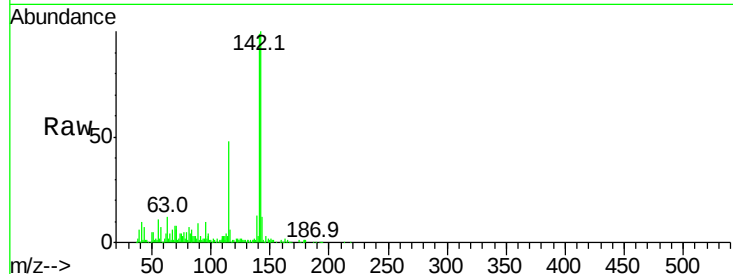
#37
2-Methylnaphthalene
Concen: 8.116 ng
RT: 8.98 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF107471.D
Acq: 18 Jul 2018 12:27

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-FOUNDRY

Tot Ion	Ratio	Resp	Lower	Upper
142	100	161866		
141	99.5	70.8	106.2	
115	47.8	26.1	39.1#	

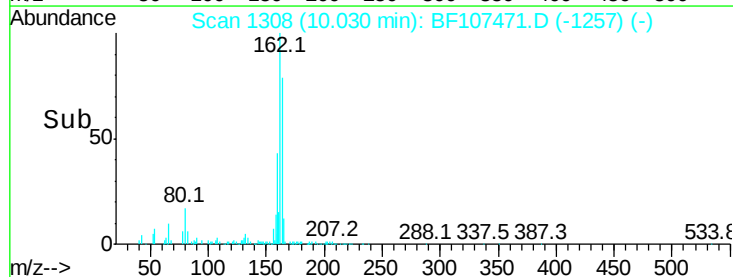
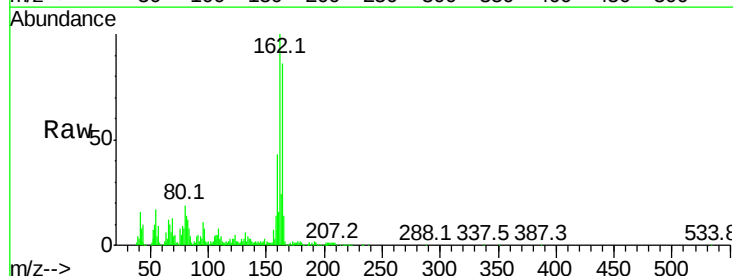
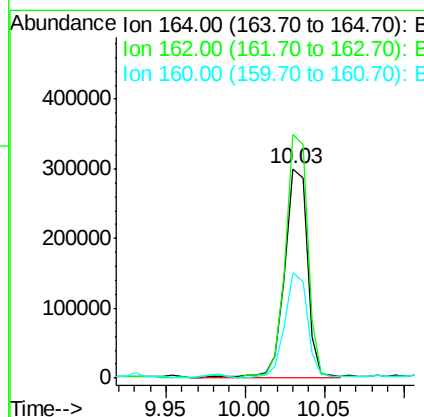
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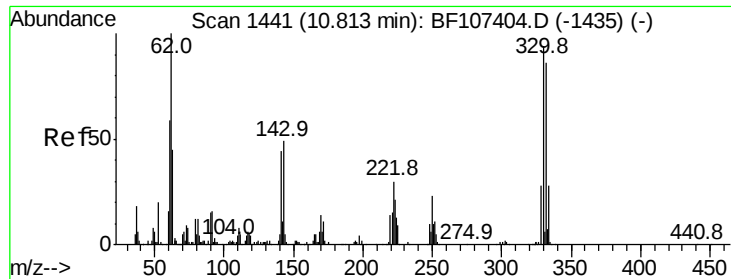
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BF107471.D
Acq: 18 Jul 2018 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	295859		
162	116.1	86.1	129.1	
160	50.4	38.3	57.5	





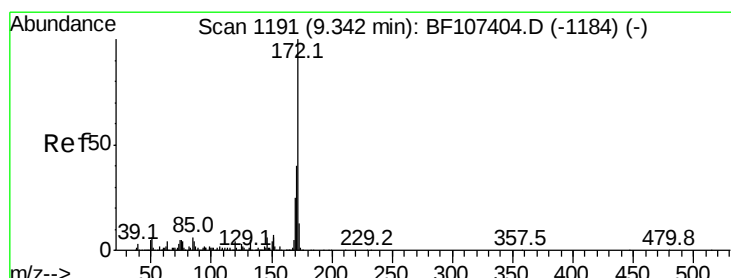
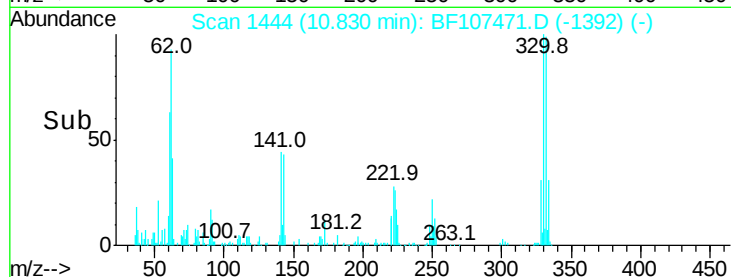
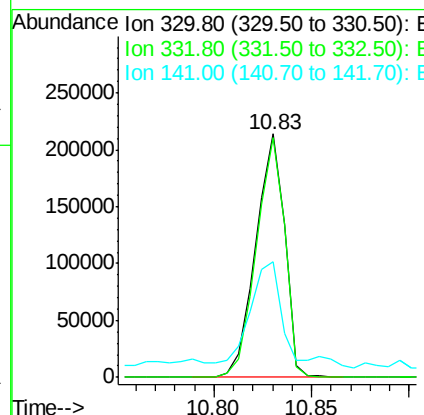
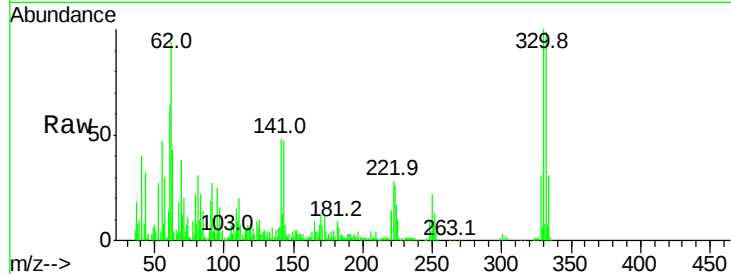
#41
 2,4,6-Tribromophenol
 Concen: 84.503 ng
 RT: 10.83 min Scan# 1444
 Delta R.T. 0.01 min
 Lab File: BF107471.D
 Acq: 18 Jul 2018 12:27

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-FOUNDRY

Tot Ion:330 Resp: 219664
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 45.1 29.9 44.9#

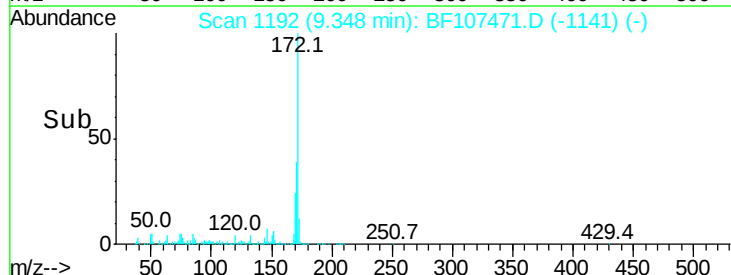
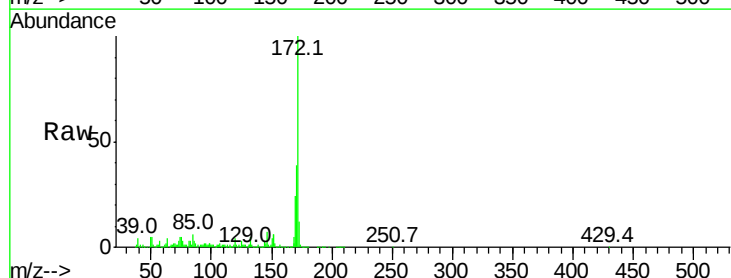
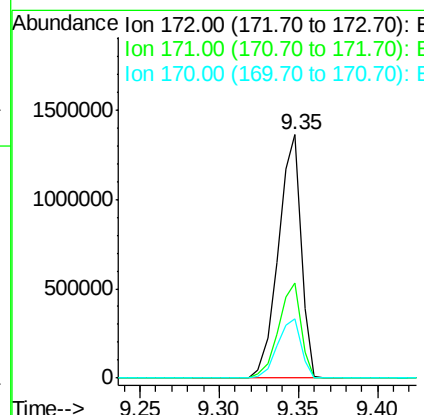
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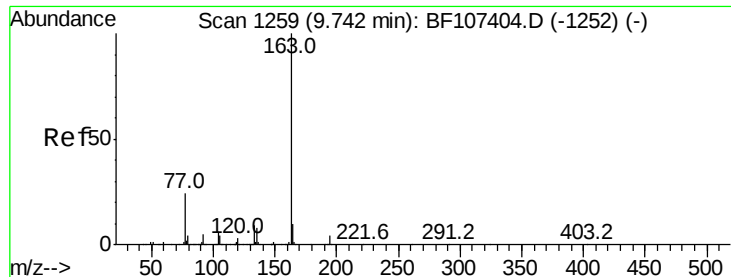
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#44
 2-Fluorobiphenyl
 Concen: 75.582 ng
 RT: 9.35 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF107471.D
 Acq: 18 Jul 2018 12:27

Tgt Ion:172 Resp: 1362465
 Ion Ratio Lower Upper
 172 100
 171 39.1 29.7 44.5
 170 24.4 19.6 29.4





#49

Dimethylphthalate

Concen: 12.647 ng

RT: 9.74 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF107471.D

Acq: 18 Jul 2018 12:27

Instrument :

BNA_F

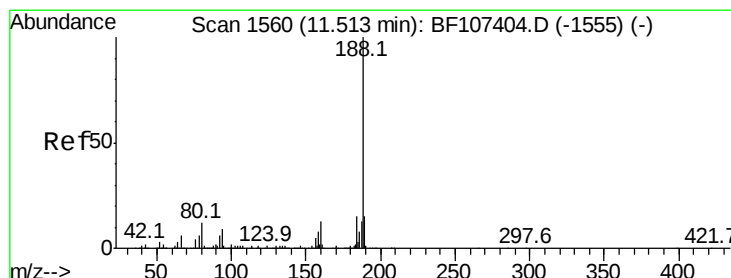
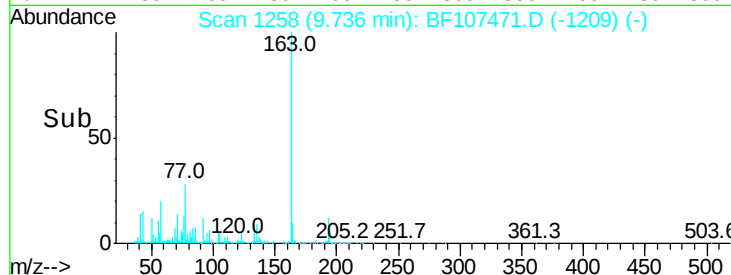
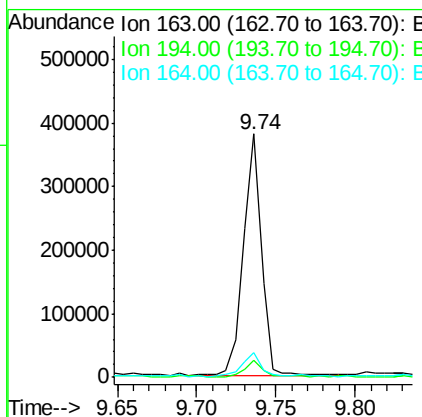
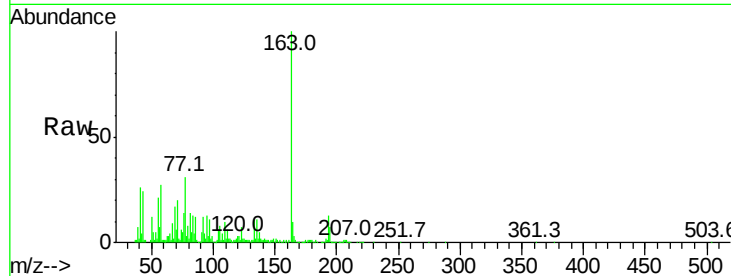
ClientSampleId :

STOCKPILE-FOUNDRY

Tot Ion:	163	Resp:	297285
Ion Ratio	Lower	Upper	
163	100		
194	7.1	2.7	4.1#
164	10.0	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

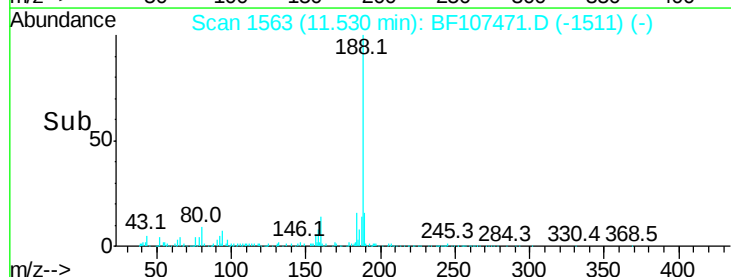
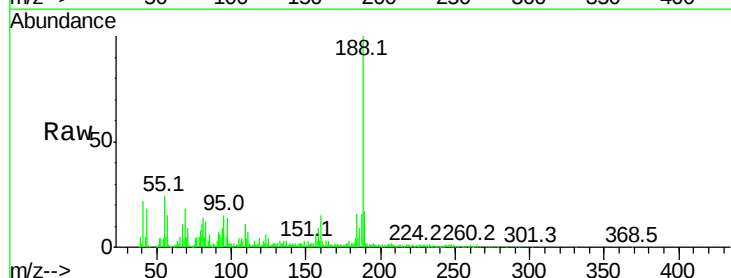
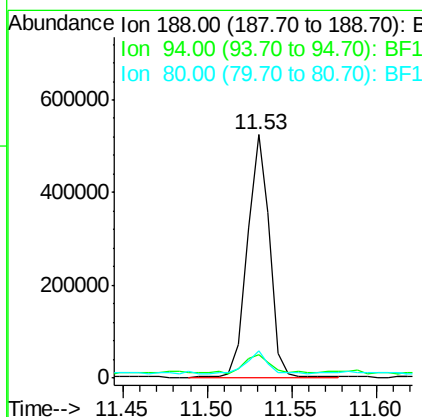
RT: 11.53 min Scan# 1563

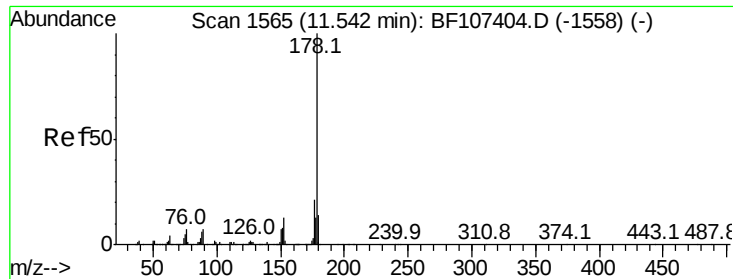
Delta R.T. 0.01 min

Lab File: BF107471.D

Acq: 18 Jul 2018 12:27

Tgt Ion:	188	Resp:	477604
Ion Ratio	Lower	Upper	
188	100		
94	9.4	8.5	12.7
80	11.2	9.2	13.8





#70

Phenanthrene

Concen: 16.855 ng

RT: 11.55 min Scan# 1567

Delta R.T. 0.01 min

Lab File: BF107471.D

Acq: 18 Jul 2018 12:27

Instrument :

BNA_F

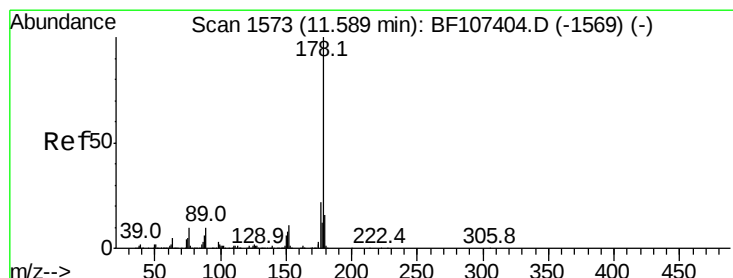
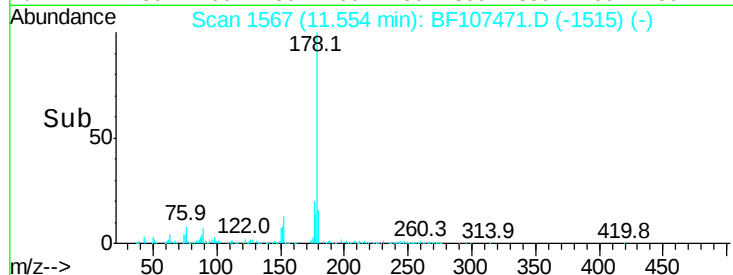
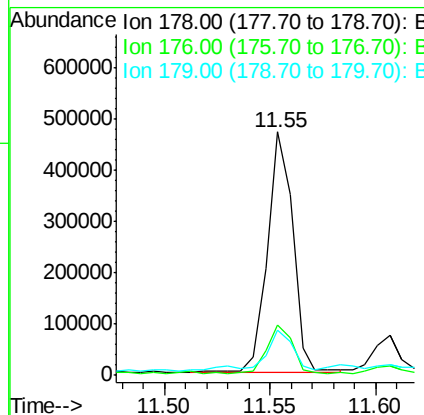
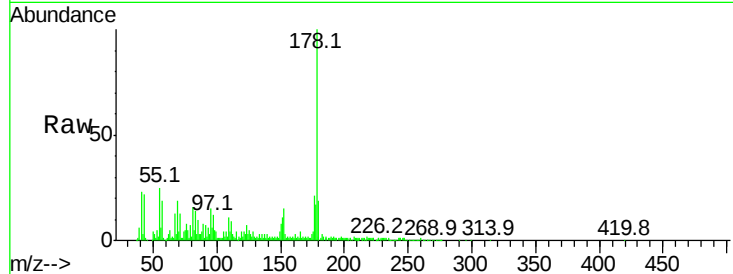
ClientSampleId :

STOCKPILE-FOUNDRY

Tot Ion:178	Resp:	401174
Ion Ratio	Lower	Upper
178	100	
176	20.5	15.8 23.8
179	18.7	13.0 19.6

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#71

Anthracene

Concen: 3.031 ng m

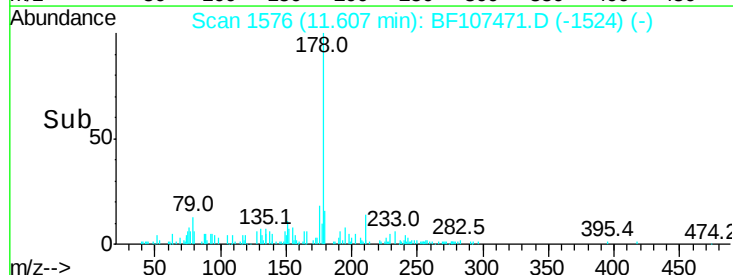
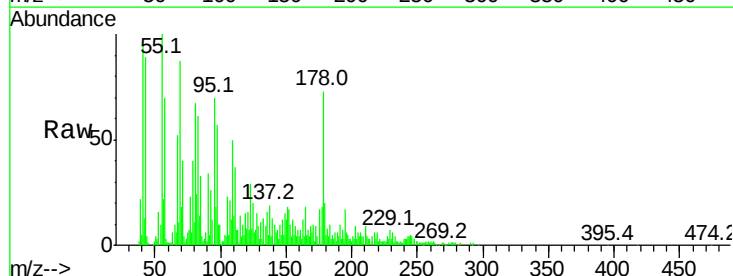
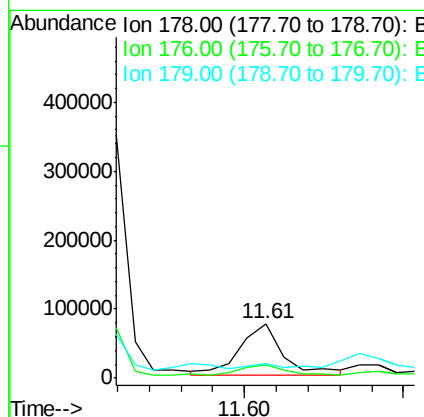
RT: 11.61 min Scan# 1576

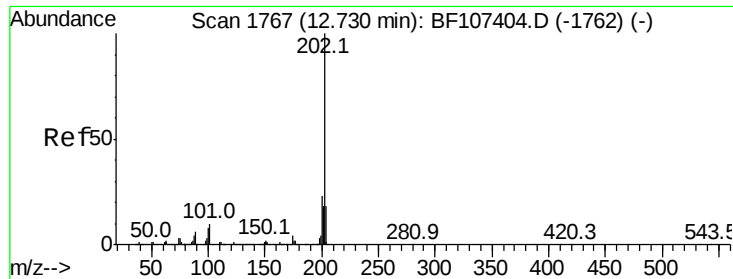
Delta R.T. 0.01 min

Lab File: BF107471.D

Acq: 18 Jul 2018 12:27

Tgt Ion:178	Resp:	71855
Ion Ratio	Lower	Upper
178	100	
176	23.4	15.4 23.2#
179	26.9	12.6 19.0#





#74

Fluoranthene

Concen: 15.546 ng

RT: 12.75 min Scan# 1771

Delta R.T. 0.01 min

Lab File: BF107471.D

Acq: 18 Jul 2018 12:27

Instrument :

BNA_F

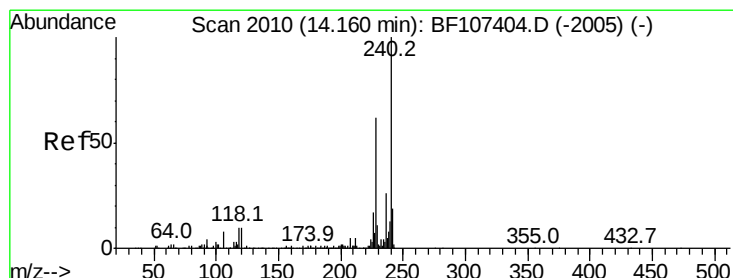
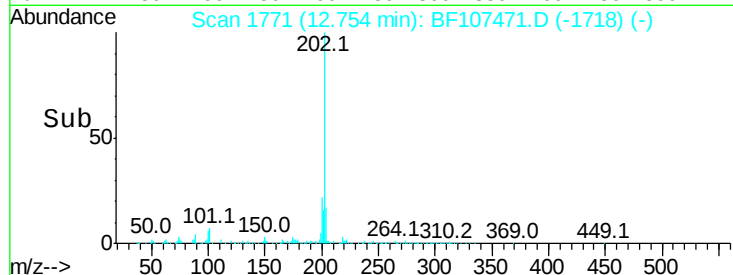
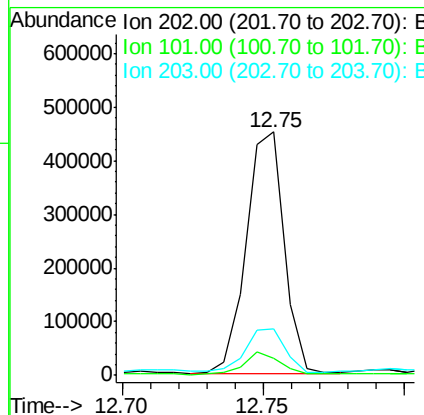
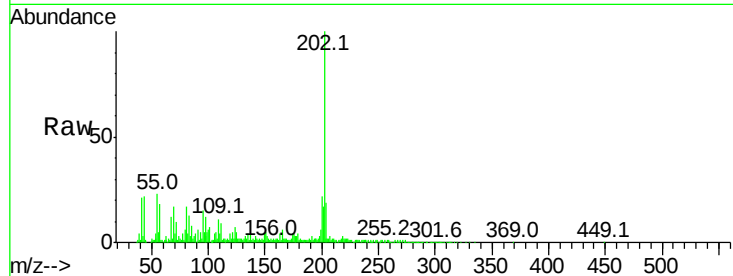
ClientSampleId :

STOCKPILE-FOUNDRY

Tot Ion:	202	Resp:	420566
Ion Ratio	Lower	Upper	
202	100		
101	7.1	0.0	34.1
203	19.0	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

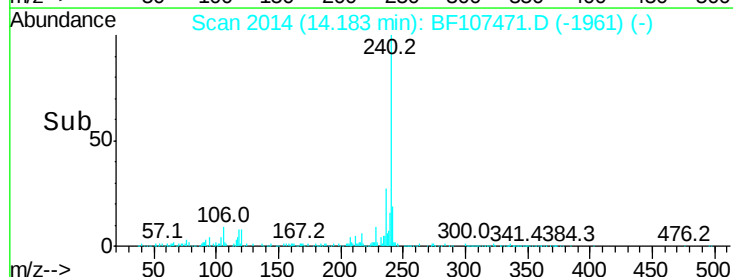
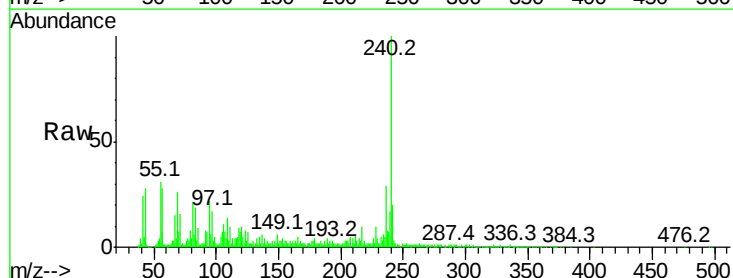
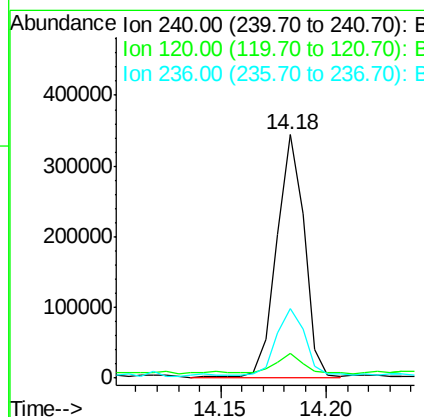
RT: 14.18 min Scan# 2014

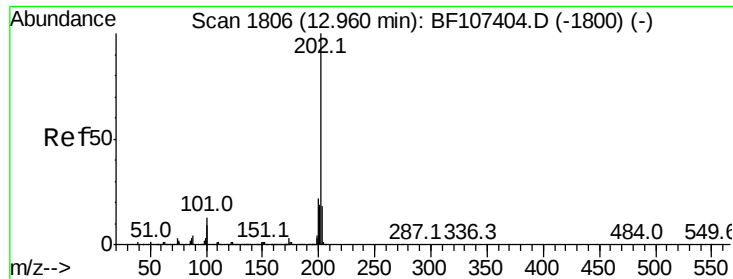
Delta R.T. 0.01 min

Lab File: BF107471.D

Acq: 18 Jul 2018 12:27

Tgt Ion:	240	Resp:	311930
Ion Ratio	Lower	Upper	
240	100		
120	9.9	9.5	14.3
236	28.6	20.7	31.1





#77

Pvrene

Concen: 16.913 ng

RT: 12.98 min Scan# 1810

Delta R.T. 0.01 min

Lab File: BF107471.D

Acq: 18 Jul 2018 12:27

Instrument :

BNA_F

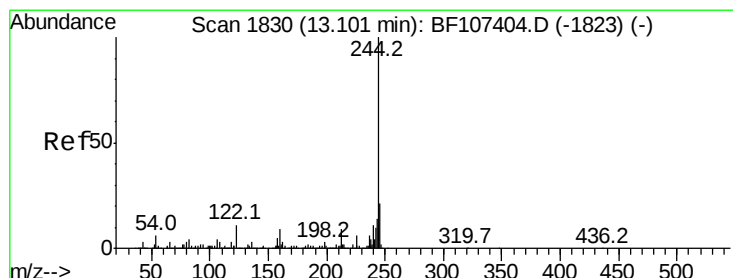
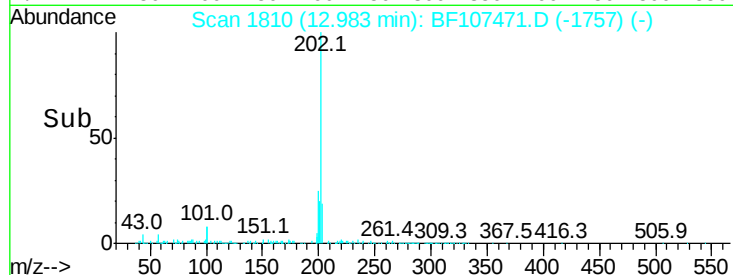
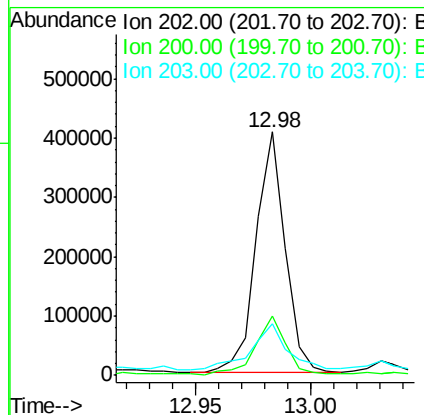
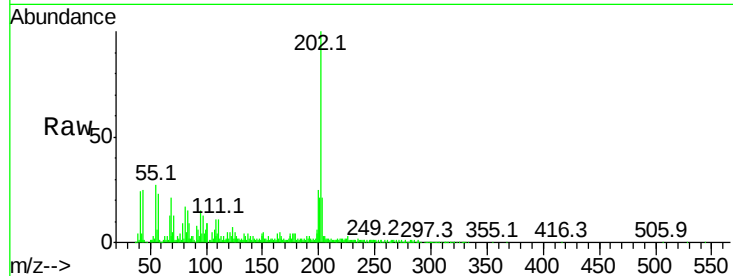
ClientSampleId :

STOCKPILE-FOUNDRY

Tot Ion:	202	Resp:	358754
Ion Ratio	Lower	Upper	
202	100		
200	24.6	17.4	26.2
203	21.2	14.3	21.5

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#78

Terphenyl-d14

Concen: 75.410 ng

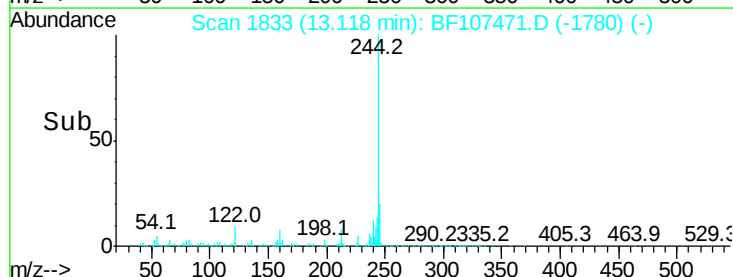
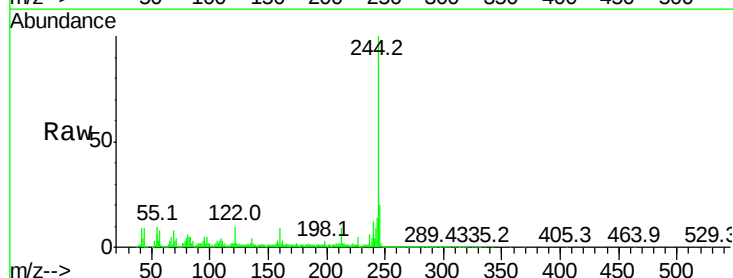
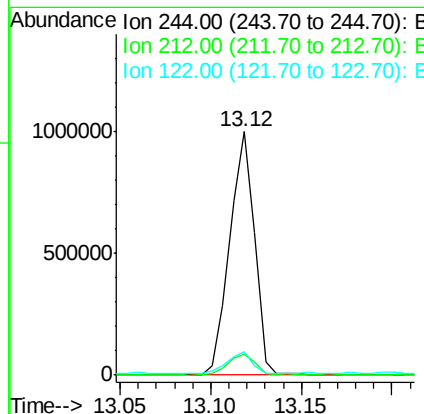
RT: 13.12 min Scan# 1833

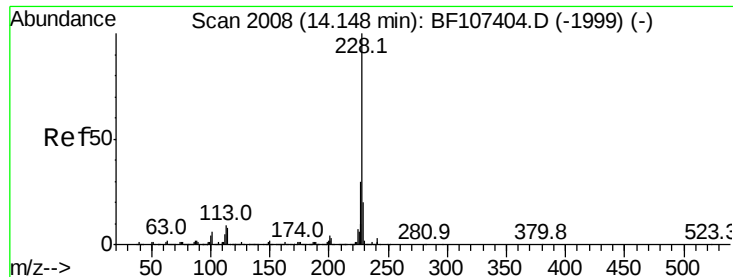
Delta R.T. 0.01 min

Lab File: BF107471.D

Acq: 18 Jul 2018 12:27

Tgt Ion:	244	Resp:	946752
Ion Ratio	Lower	Upper	
244	100		
212	8.7	5.4	8.0#
122	9.5	11.0	16.4#





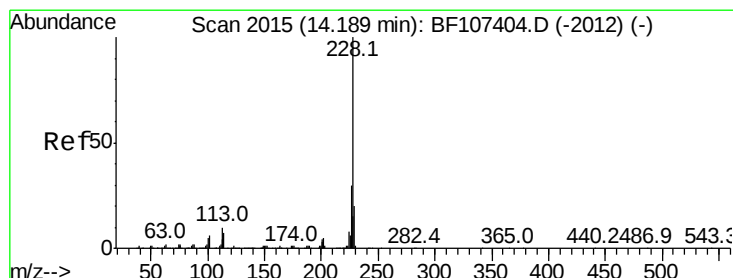
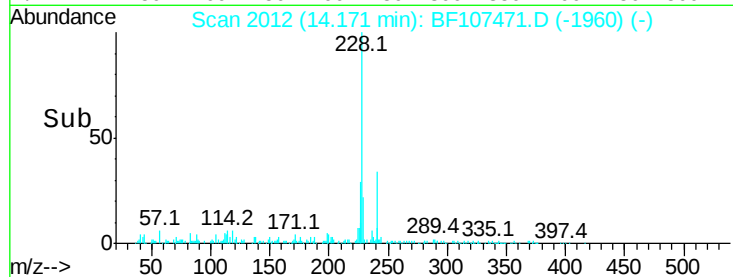
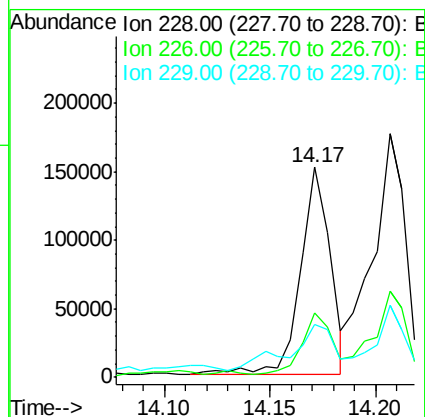
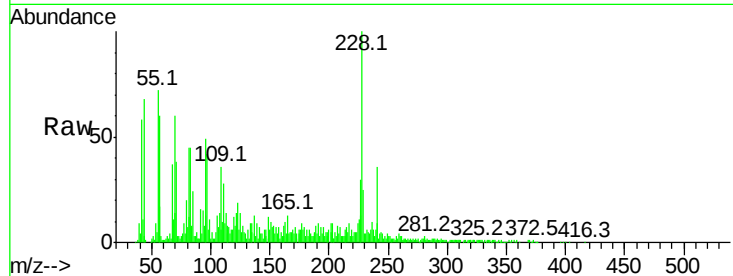
#80
Benzo(a)anthracene
Concen: 7.831 ng
RT: 14.17 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BF107471.D
Acq: 18 Jul 2018 12:27

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-FOUNDRY

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.6	33.8
229	25.3	15.8	23.6

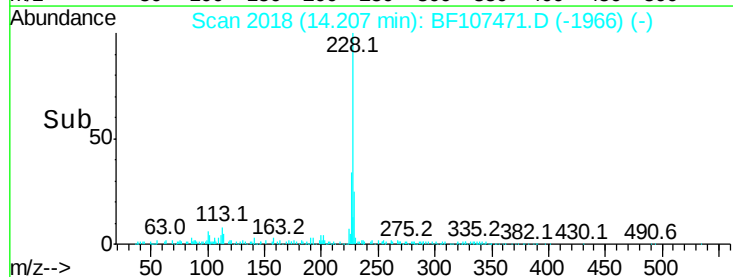
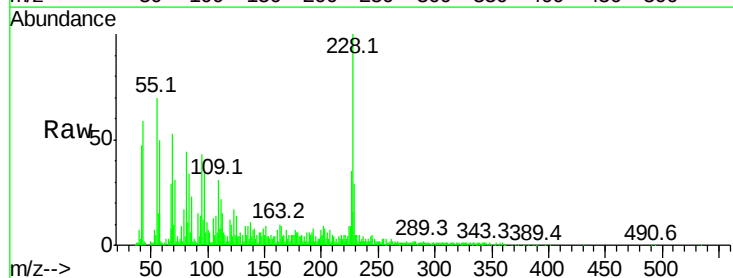
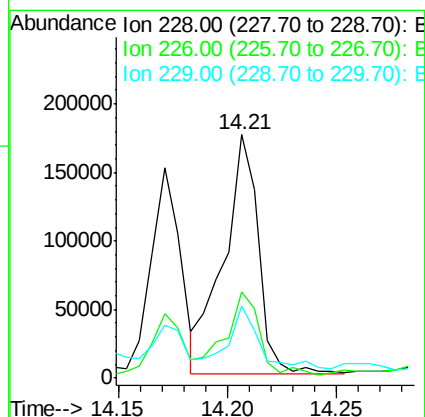
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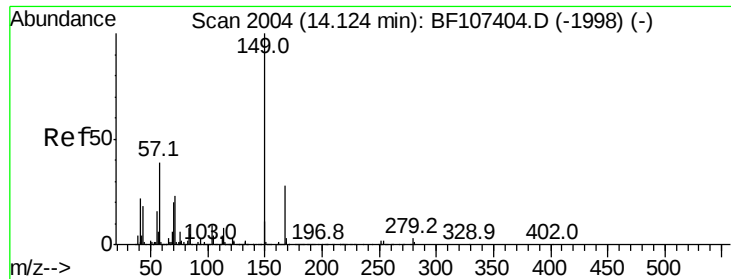
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#82
Chrysene
Concen: 10.821 ng m
RT: 14.21 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF107471.D
Acq: 18 Jul 2018 12:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.3	25.0	37.6
229	29.4	16.2	24.4





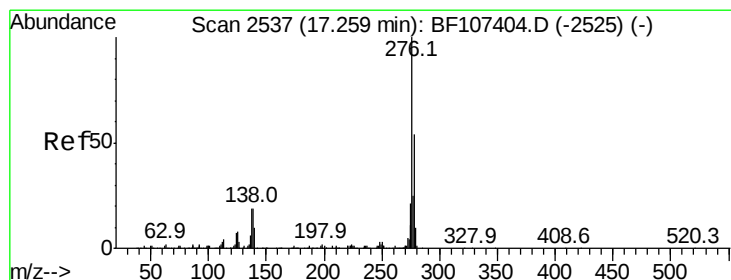
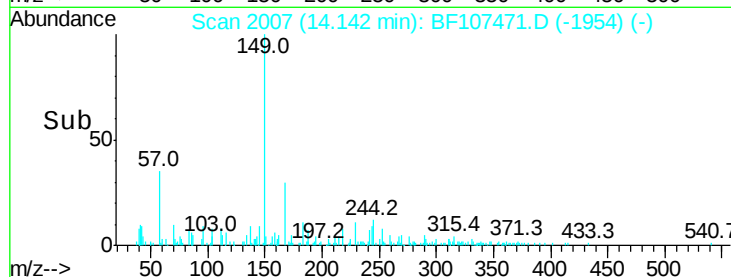
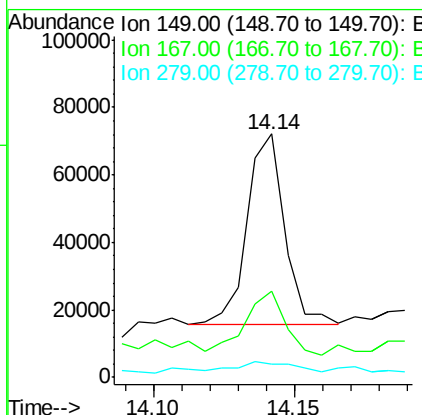
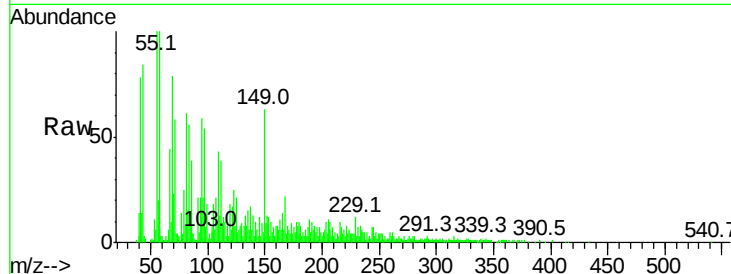
#83
Bis(2-ethylhexyl)phthalate
Concen: 4.763 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF107471.D
Acq: 18 Jul 2018 12:27

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-FOUNDRY

Tot Ion	Ratio	Lower	Upper
149	100		
167	35.2	21.3	31.9#
279	5.5	3.0	4.4#

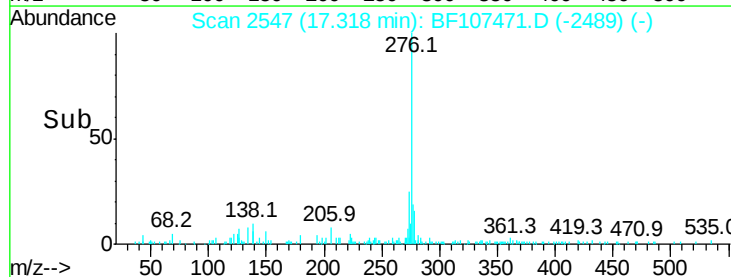
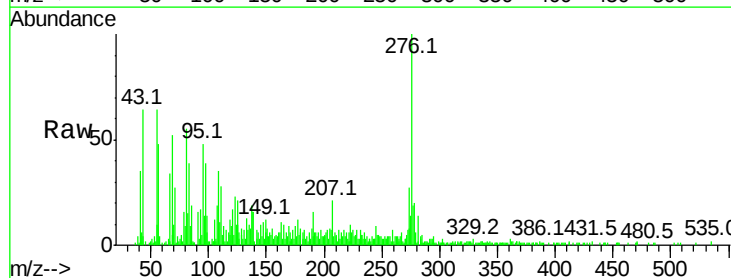
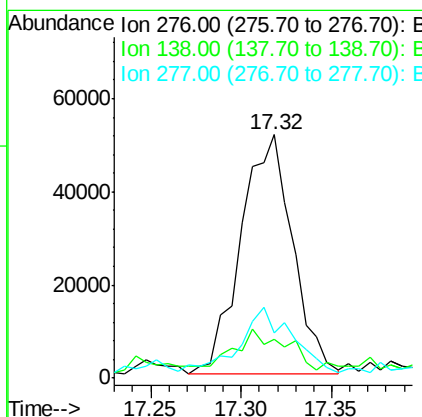
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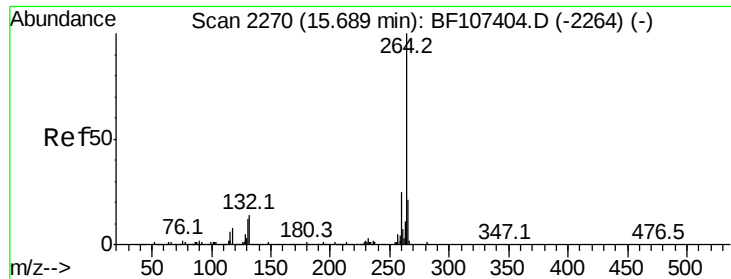
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#85
Indeno(1,2,3-cd)pyrene
Concen: 7.872 ng
RT: 17.32 min Scan# 2547
Delta R.T. 0.04 min
Lab File: BF107471.D
Acq: 18 Jul 2018 12:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.1	25.0	37.6#
277	27.4	20.1	30.1





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.74 min Scan# 2278

Delta R.T. 0.03 min

Lab File: BF107471.D

Acq: 18 Jul 2018 12:27

Instrument :

BNA_F

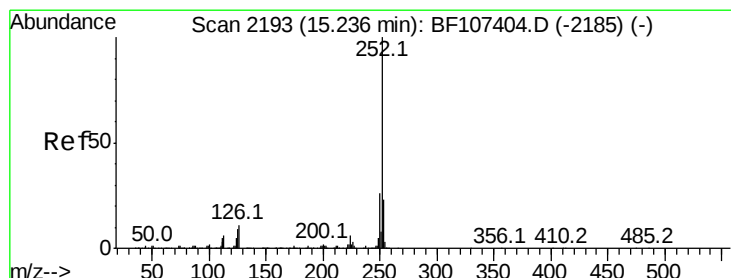
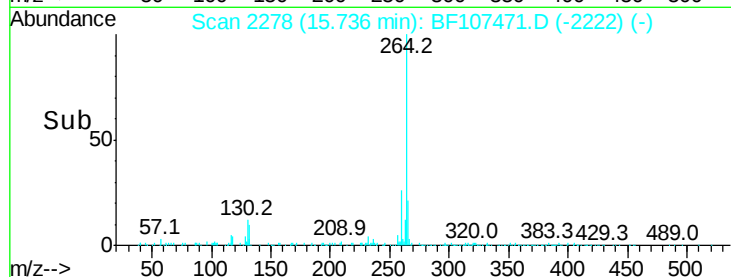
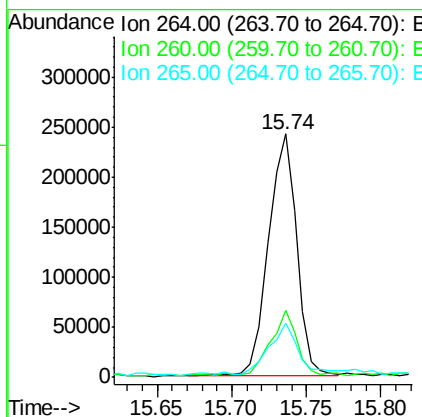
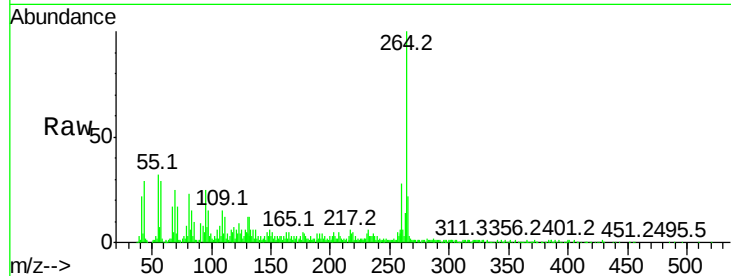
ClientSampleId :

STOCKPILE-FOUNDRY

Tot Ion	Ratio	Lower	Upper
264	100		
260	27.5	19.2	28.8
265	22.2	17.5	26.3

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#87

Benzo(b)fluoranthene

Concen: 11.974 ng m

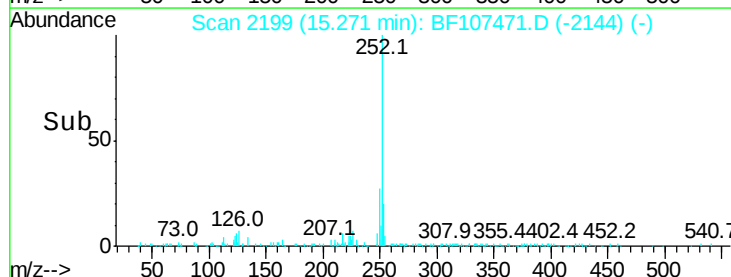
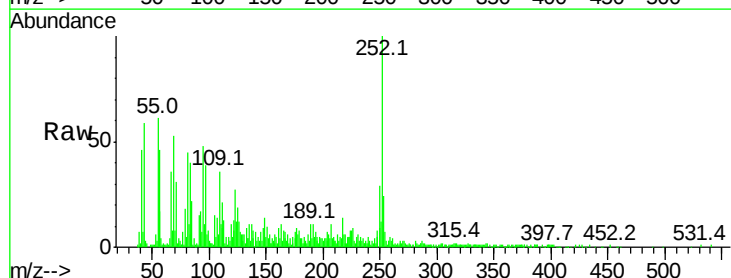
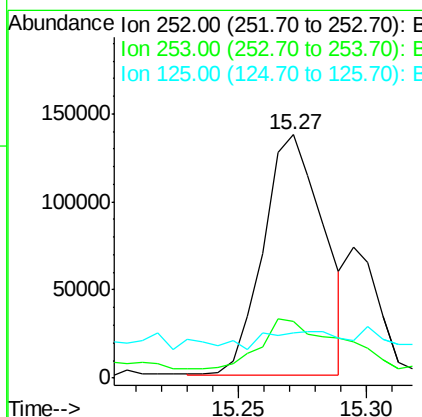
RT: 15.27 min Scan# 2199

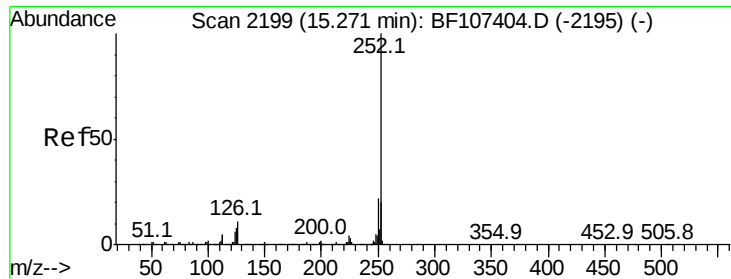
Delta R.T. 0.02 min

Lab File: BF107471.D

Acq: 18 Jul 2018 12:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	18.6	9.0	13.6





#88

Benzo(k)fluoranthene

Concen: 3.622 ng m

RT: 15.29 min Scan# 2203

Delta R.T. 0.01 min

Lab File: BF107471.D

Acq: 18 Jul 2018 12:27

Instrument :

BNA_F

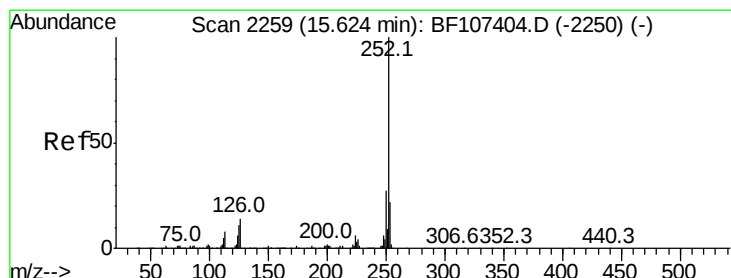
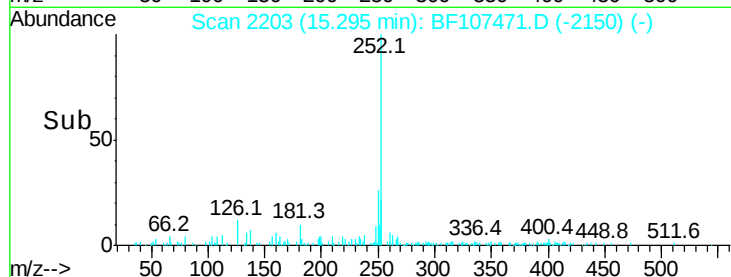
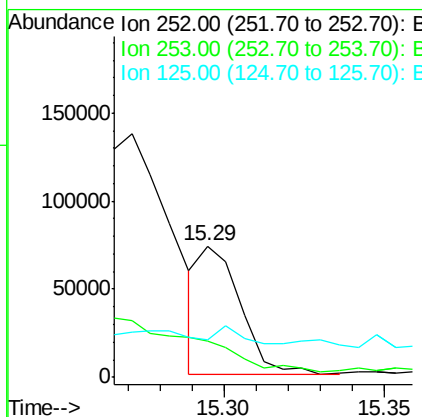
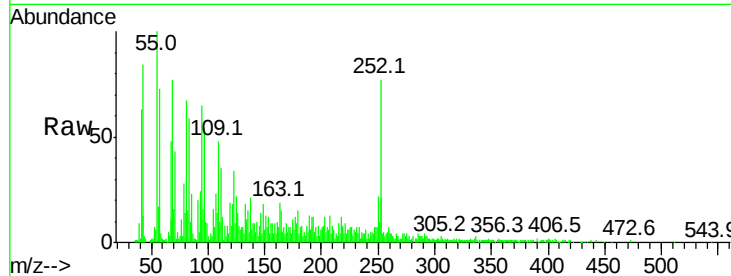
ClientSampleId :

STOCKPILE-FOUNDRY

Tot Ion:	252	Resp:	66272
Ion Ratio	Lower	Upper	
252	100		
253	27.4	17.9	26.9#
125	28.3	10.2	15.2#

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#89

Benzo(a)pyrene

Concen: 6.934 ng

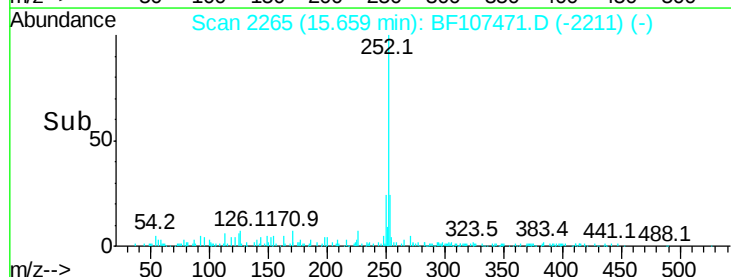
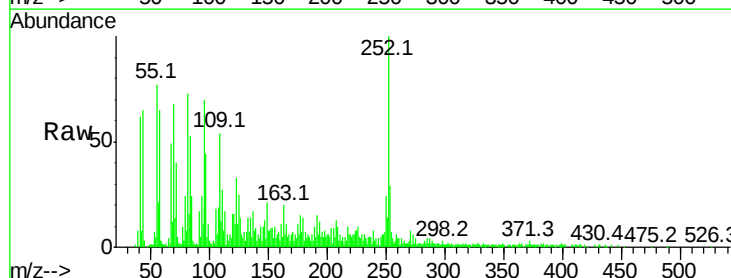
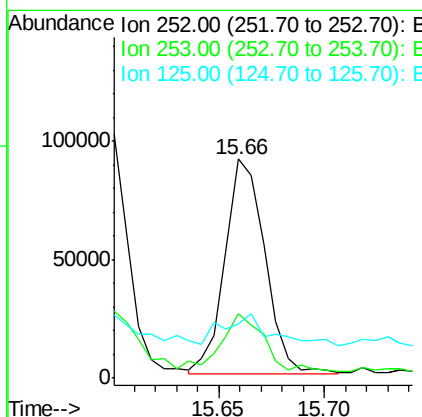
RT: 15.66 min Scan# 2265

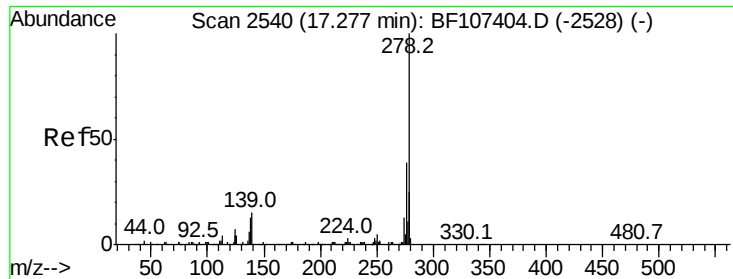
Delta R.T. 0.02 min

Lab File: BF107471.D

Acq: 18 Jul 2018 12:27

Tgt Ion:	252	Resp:	119304
Ion Ratio	Lower	Upper	
252	100		
253	29.2	17.1	25.7#
125	24.6	9.8	14.6#





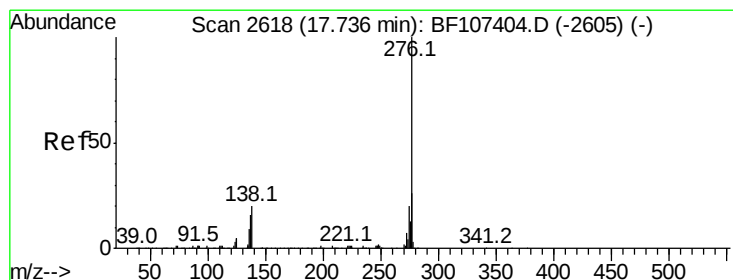
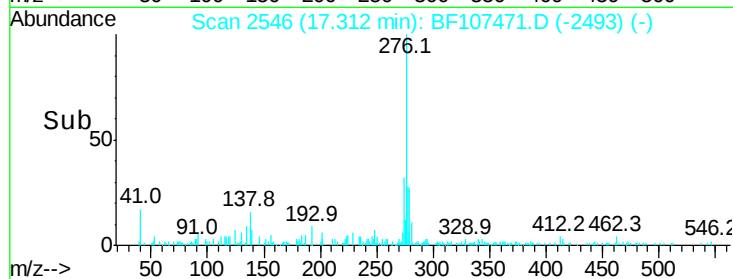
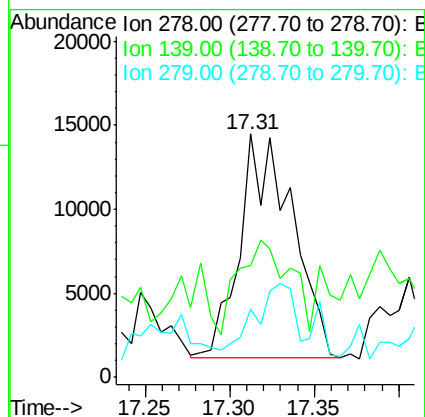
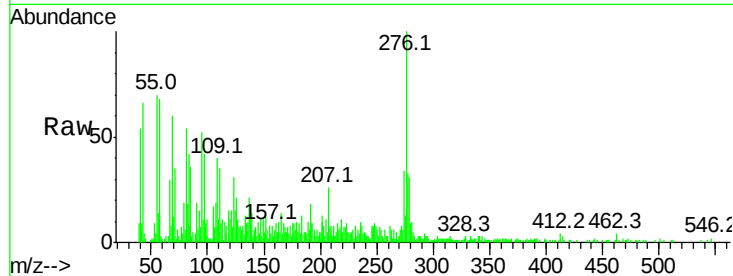
#90
Dibenzo(a,h)anthracene
Concen: 2.217 ng
RT: 17.31 min Scan# 2546
Delta R.T. 0.01 min
Lab File: BF107471.D
Acq: 18 Jul 2018 12:27

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-FOUNDRY

Tot Ion	Ratio	Lower	Upper
278	100		
139	45.7	15.9	23.9#
279	27.9	19.0	28.4

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#91
Benzo(g,h,i)perylene
Concen: 7.844 ng
RT: 17.80 min Scan# 2629
Delta R.T. 0.04 min
Lab File: BF107471.D
Acq: 18 Jul 2018 12:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	16.4	21.8	32.8#

