

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
 Data File : BF108484.D
 Acq On : 25 Aug 2018 00:45
 Operator : JU/SJ
 Sample : J4585-01 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WS-GRAVEL-STAIN

Manual Integrations
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Sohil
 8/27/2018 5:02:51 PM

Quant Time: Aug 27 12:10:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	137615	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	528453	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	240559	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	404945	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	279022	20.00	ng	0.00
86) Perylene-d12	15.77	264	276897	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	68378	9.00	ng	-0.01
7) Phenol-d6	6.61	99	96662	9.57	ng	-0.02
23) Nitrobenzene-d5	7.55	82	58827	6.21	ng	-0.02
41) 2,4,6-Tribromophenol	10.84	330	18065	7.53	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	128017	8.54	ng	-0.01
78) Terphenyl-d14	13.12	244	98973	9.02	ng	-0.01
Target Compounds						
74) Fluoranthene	12.75	202	64179	3.079	ng	97
77) Pyrene	12.99	202	61800	3.498	ng	98
82) Chrysene	14.22	228	30828m	2.100	ng	
87) Benzo(b)fluoranthene	15.29	252	40490m	2.447	ng	

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

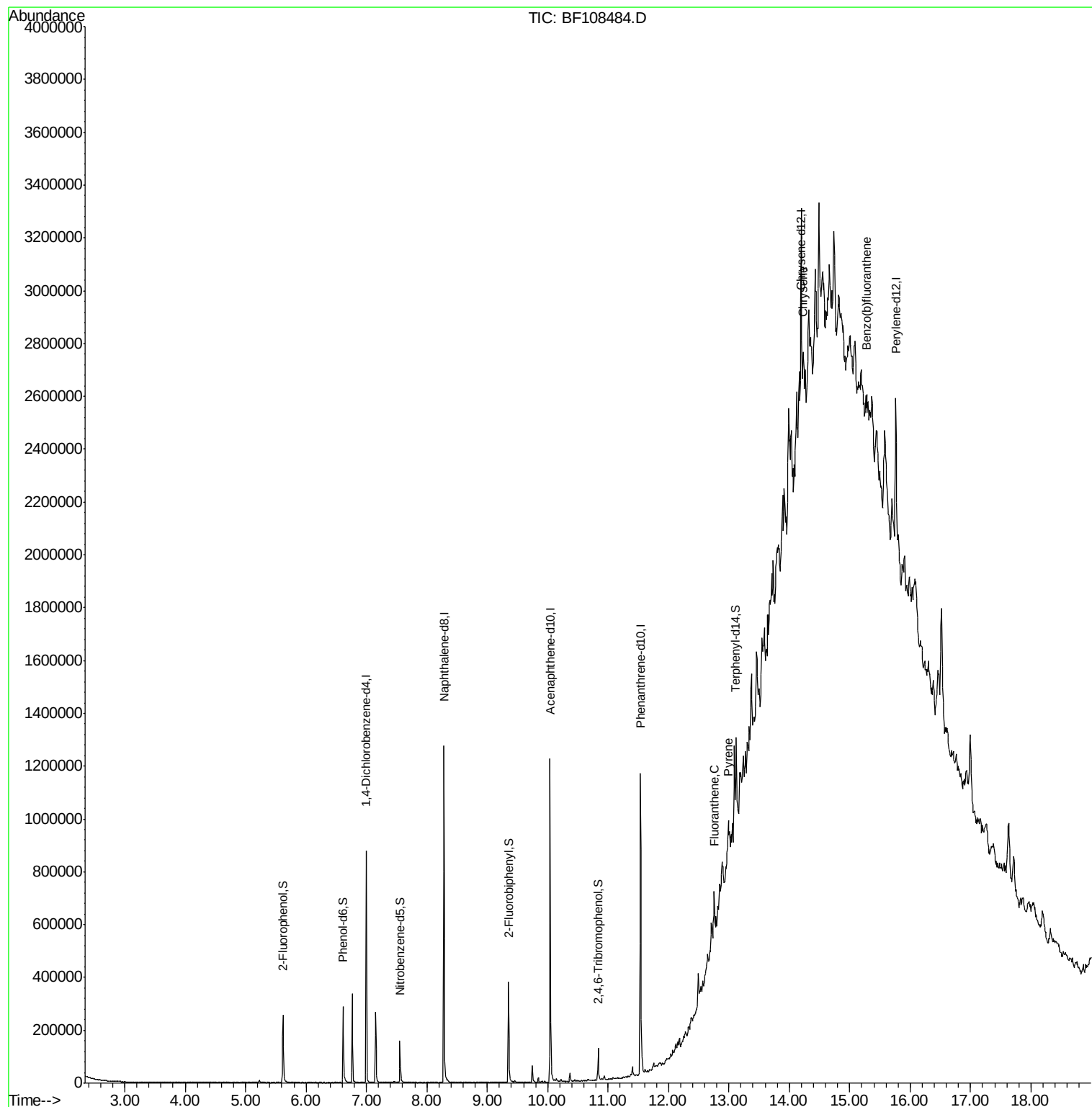
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108484.D
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Sample : J4585-01 10X
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ALS Vial : 25 Sample Multiplier: 1

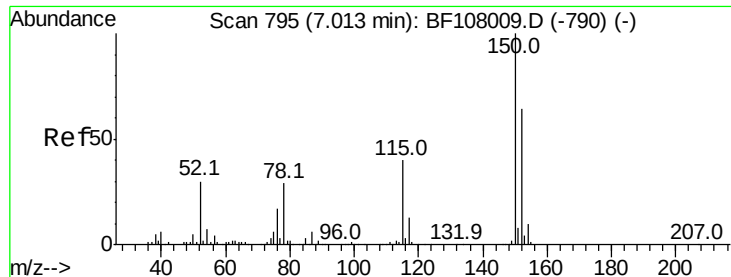
Instrument :
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Quant Time: Aug 27 12:10:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

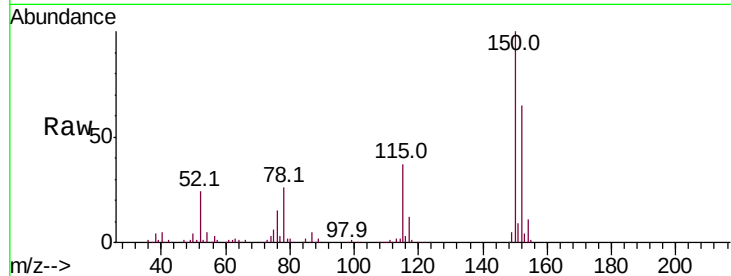
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108484.D
Acq: 25 Aug 2018 00:45

Instrument :
BNA_F
ClientSampleId :
WS-GRAVEL-STAIN

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.6	186.8
115	56.5	50.1	75.1

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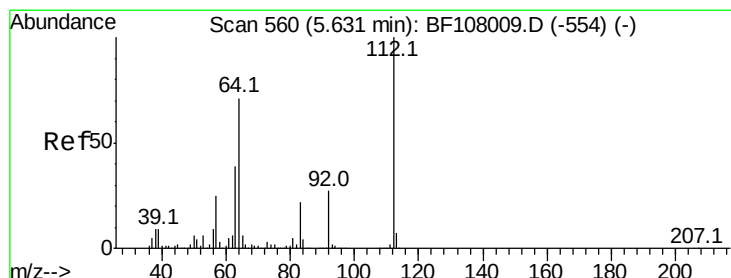
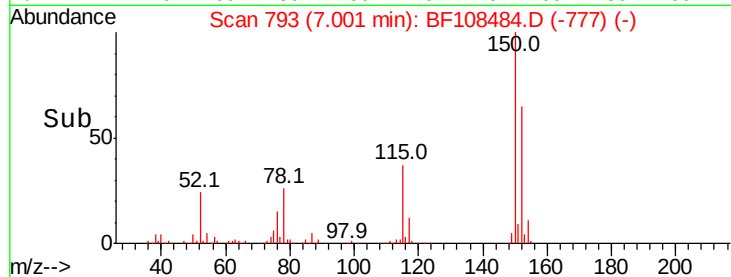
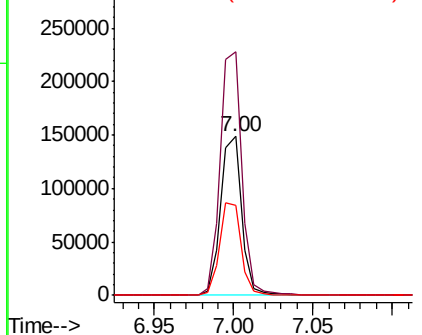


Abundance

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: 8.996 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF108484.D
Acq: 25 Aug 2018 00:45

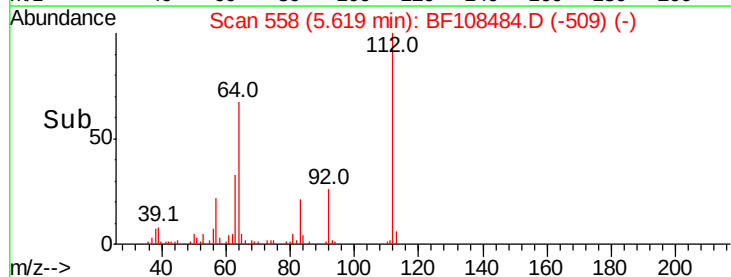
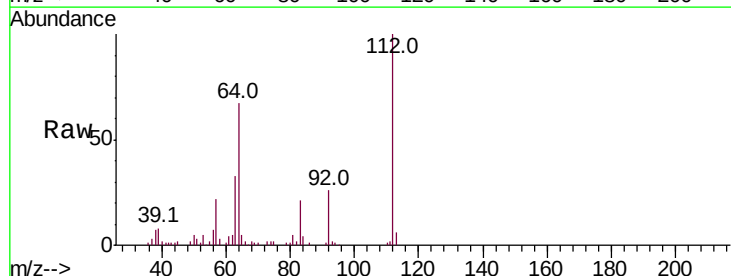
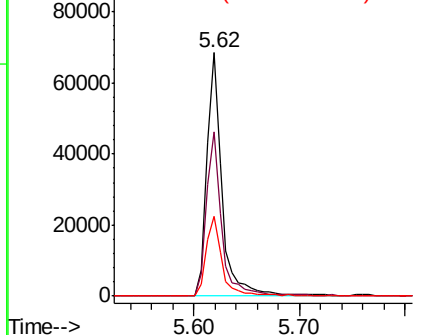
Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	47.9	71.9
63	32.7	23.7	35.5

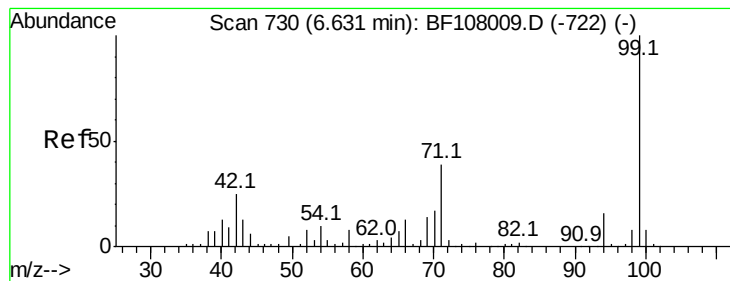
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 9.570 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108484.D

Acq: 25 Aug 2018 00:45

Instrument :

BNA_F

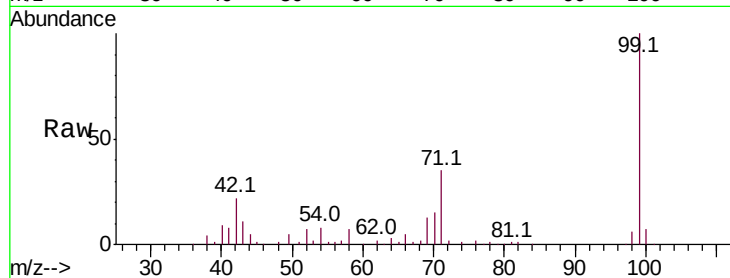
ClientSampleId :

WS-GRAVEL-STAIN

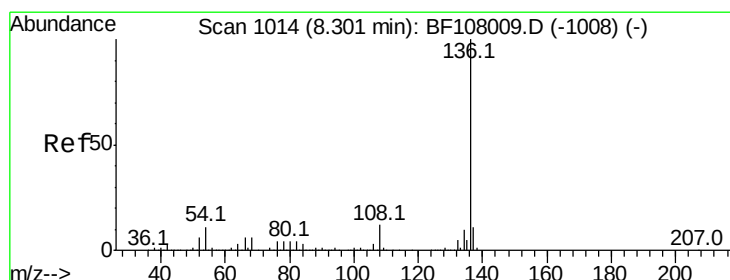
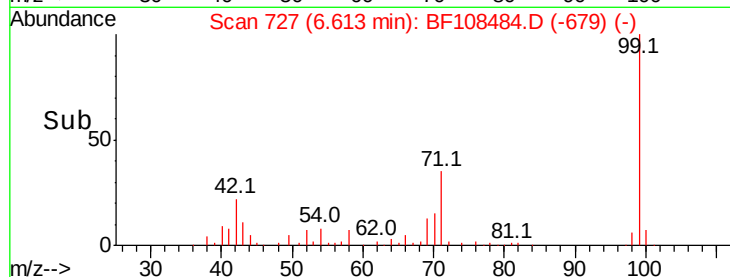
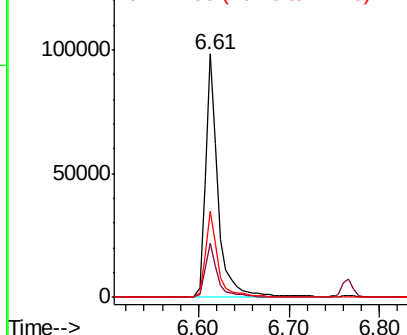
Tot Ion:	99	Resp:	96662
Ion	Ratio	Lower	Upper
99	100		
42	22.3	14.5	21.7#
71	35.2	25.4	38.0

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

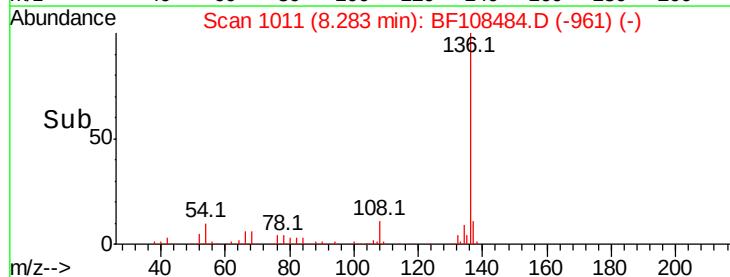
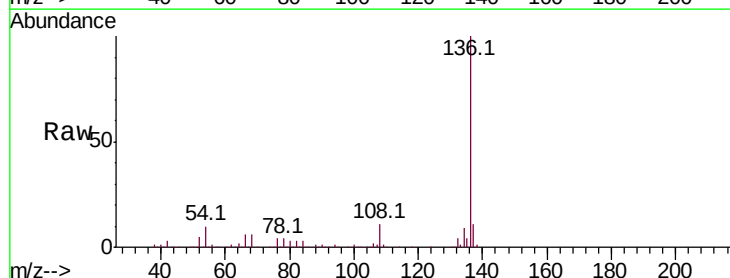
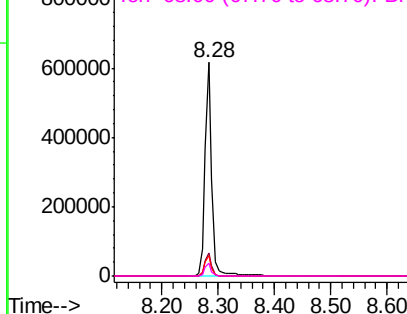
Delta R.T. -0.01 min

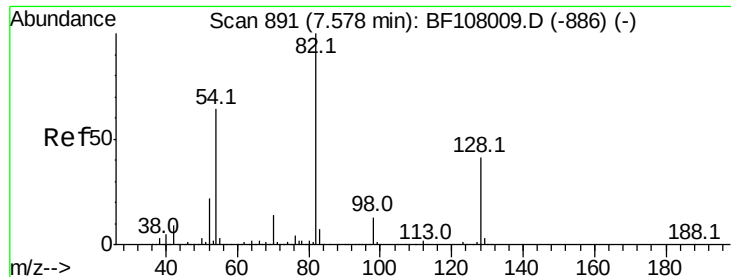
Lab File: BF108484.D

Acq: 25 Aug 2018 00:45

Tgt Ion:	136	Resp:	528453
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.8	6.6	9.8
68	5.8	5.0	7.4

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): BF1
Ion 68.00 (67.70 to 68.70): BF1





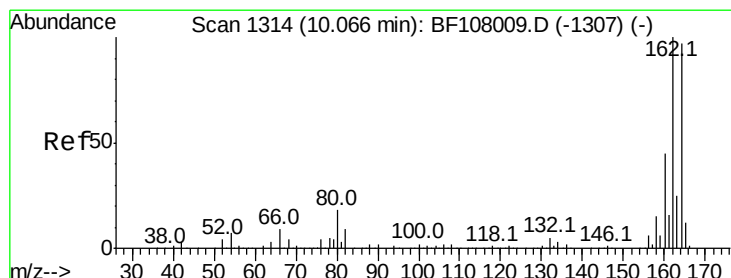
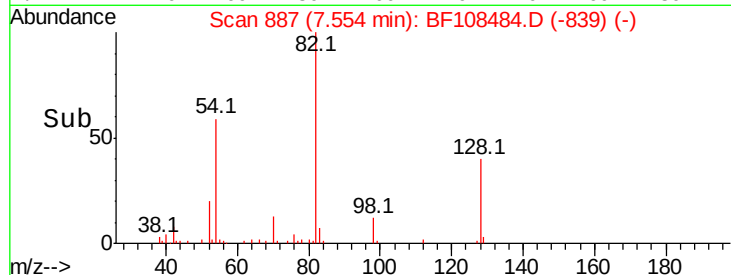
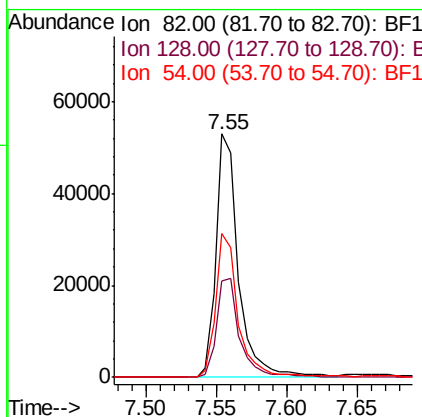
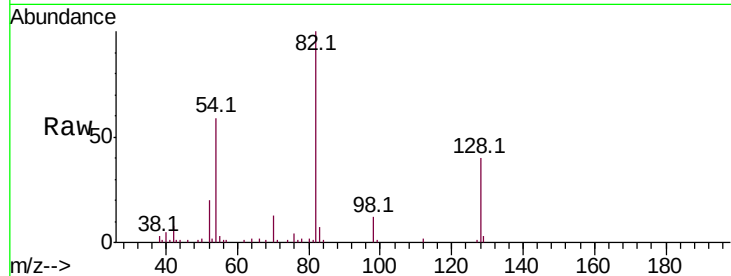
#23
Nitrobenzene-d5
Concen: 6.212 ng
RT: 7.55 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF108484.D
Acq: 25 Aug 2018 00:45

Instrument :
BNA_F
ClientSampleId :
WS-GRAVEL-STAIN

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.9	36.1	54.1
54	59.0	41.4	62.2

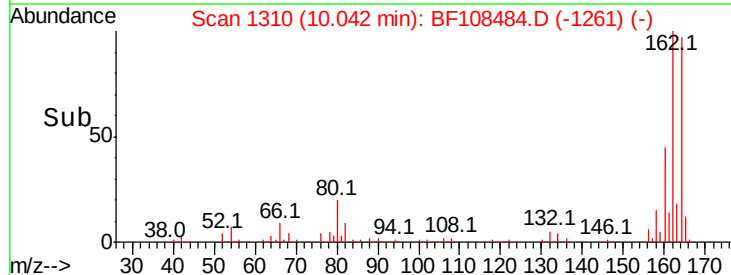
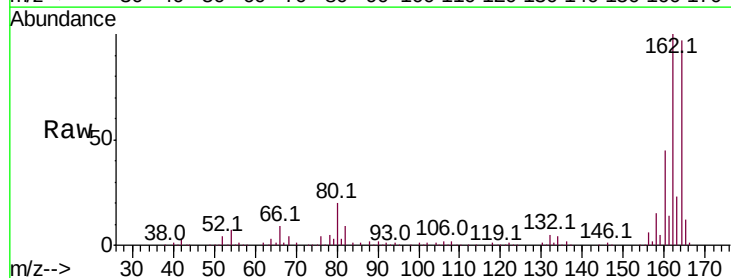
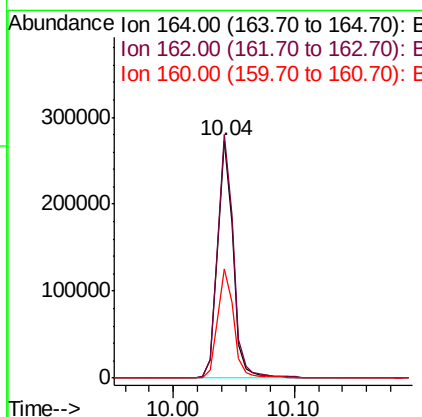
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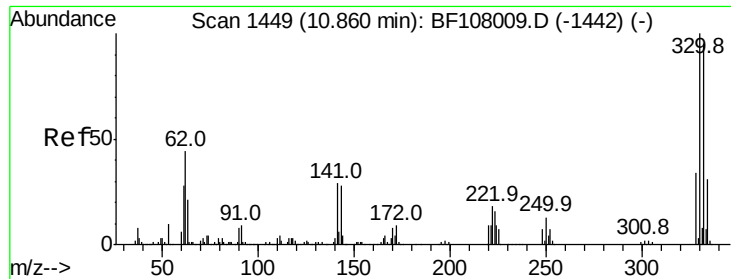
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108484.D
Acq: 25 Aug 2018 00:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	45.8	38.3	57.5





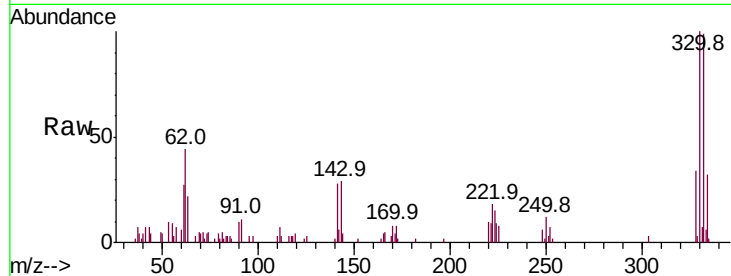
#41
 2,4,6-Tribromophenol
 Concen: 7.529 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108484.D
 Acq: 25 Aug 2018 00:45

Instrument :
 BNA_F
 ClientSampleId :
 WS-GRAVEL-STAIN

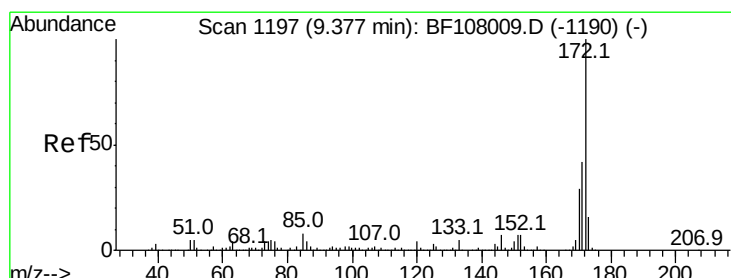
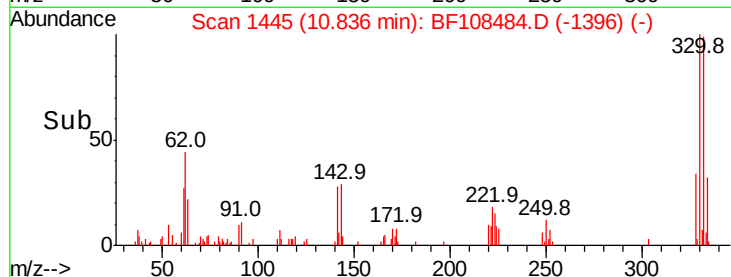
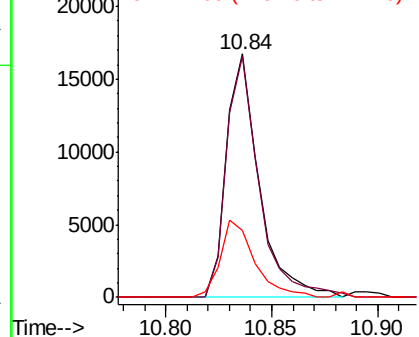
Tot Ion:	330	Resp:	18065
Ion Ratio	Lower	Upper	
330	100		
332	98.6	77.0	115.6
141	33.7	29.9	44.9

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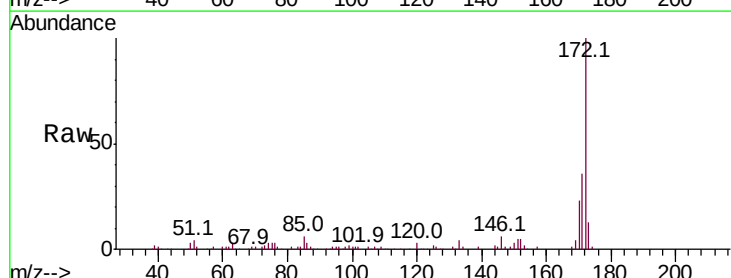


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

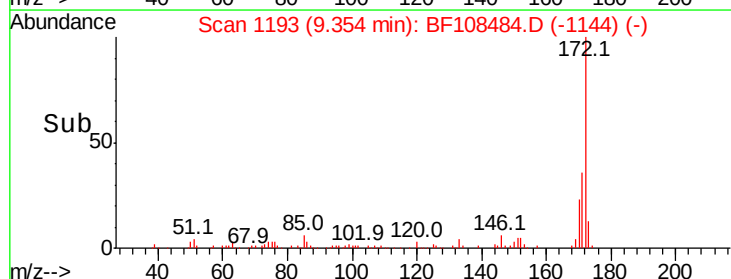
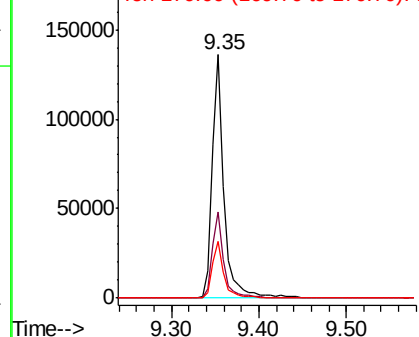


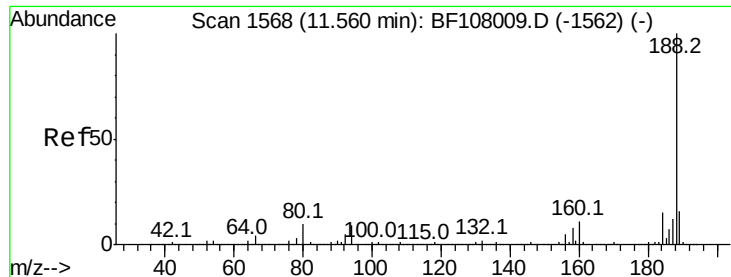
#44
 2-Fluorobiphenyl
 Concen: 8.544 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108484.D
 Acq: 25 Aug 2018 00:45

Tgt Ion:	172	Resp:	128017
Ion Ratio	Lower	Upper	
172	100		
171	35.5	29.7	44.5
170	23.3	19.6	29.4



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





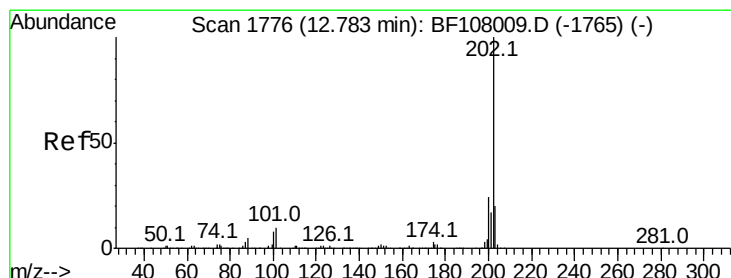
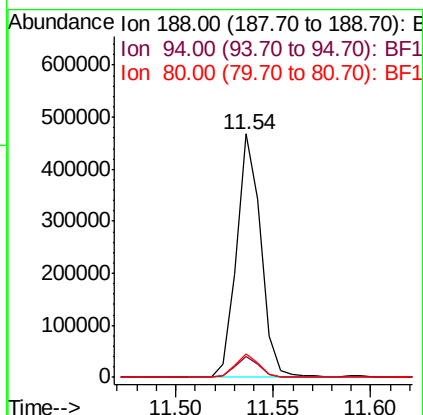
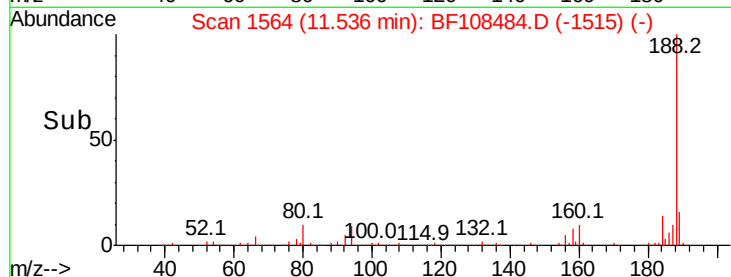
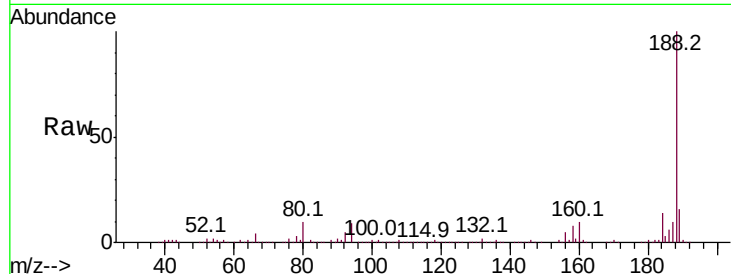
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108484.D
 Acq: 25 Aug 2018 00:45

Instrument :
 BNA_F
 ClientSampleId :
 WS-GRAVEL-STAIN

Tot Ion	Ratio	Resp	Lower	Upper
188	100	404945		
94	8.8		8.5	12.7
80	9.6		9.2	13.8

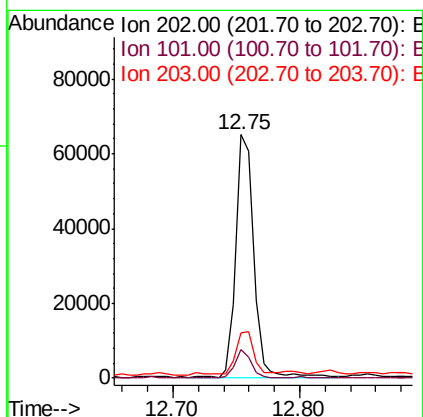
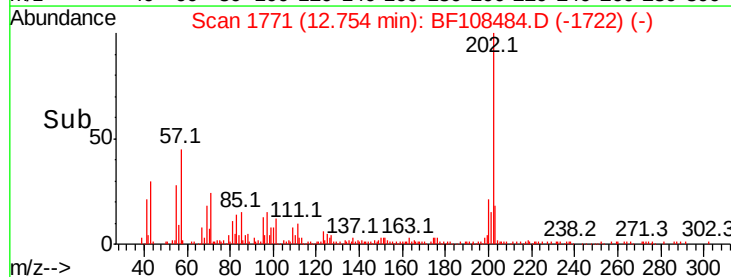
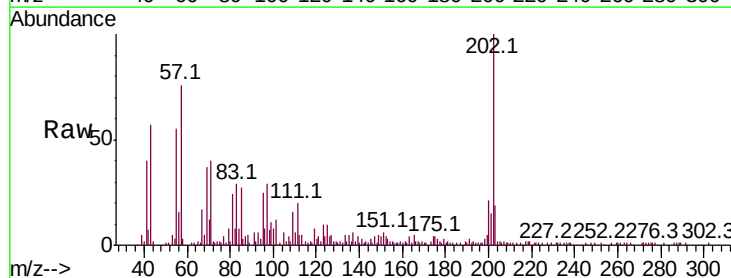
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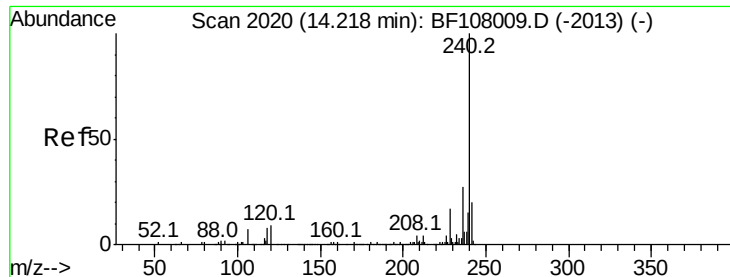
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#74
 Fluoranthene
 Concen: 3.079 ng
 RT: 12.75 min Scan# 1771
 Delta R.T. -0.01 min
 Lab File: BF108484.D
 Acq: 25 Aug 2018 00:45

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	64179		
101	11.8		0.0	34.1
203	18.5		0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108484.D

Acq: 25 Aug 2018 00:45

Instrument :

BNA_F

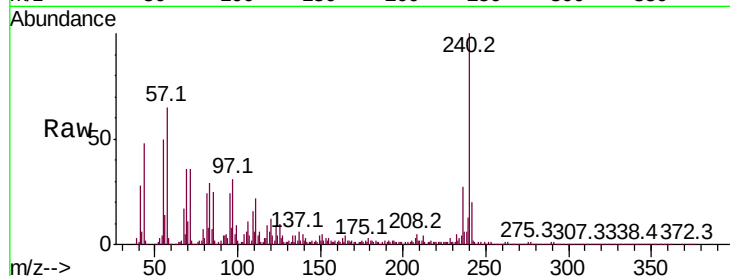
ClientSampleId :

WS-GRAVEL-STAIN

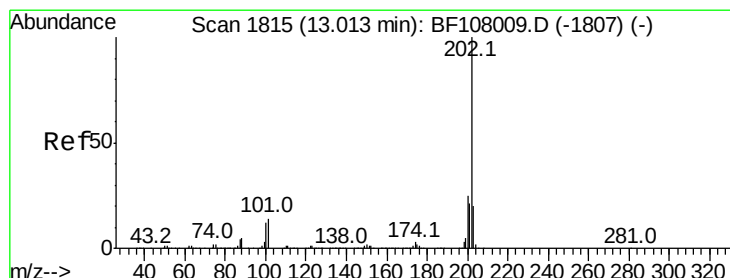
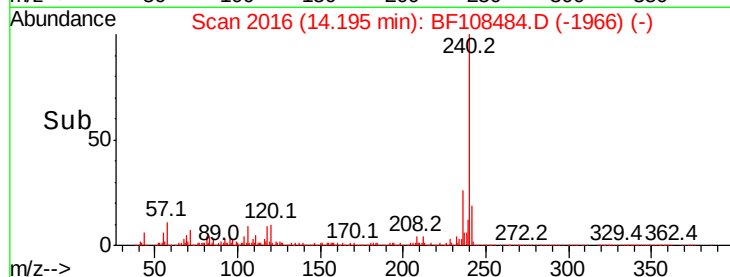
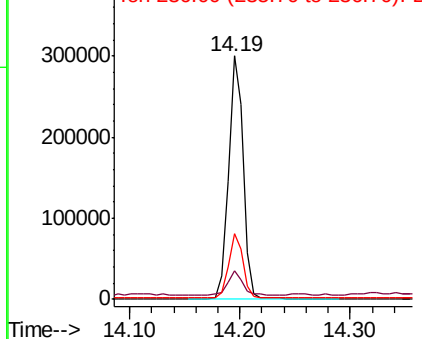
Tot Ion:	240	Resp:	279022
Ion Ratio	Lower	Upper	
240	100		
120	11.8	9.5	14.3
236	26.9	20.7	31.1

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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



#77

Pyrene

Concen: 3.498 ng

RT: 12.99 min Scan# 1811

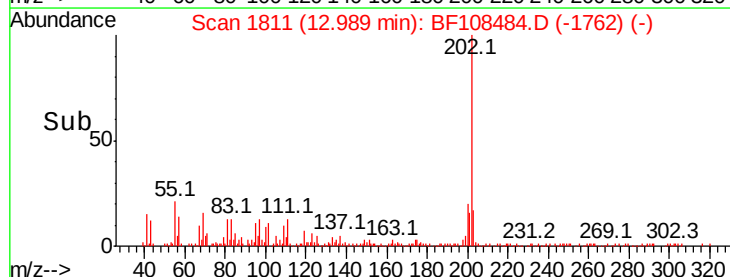
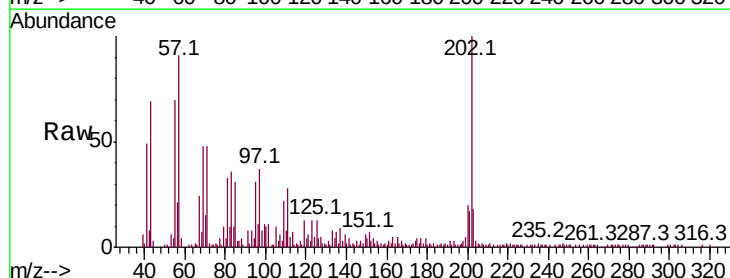
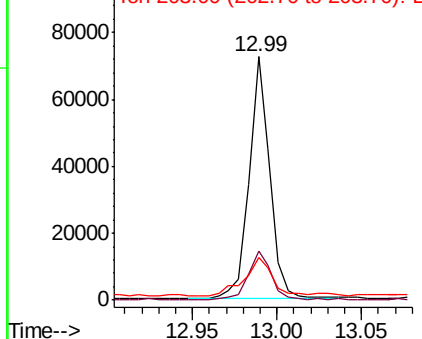
Delta R.T. -0.01 min

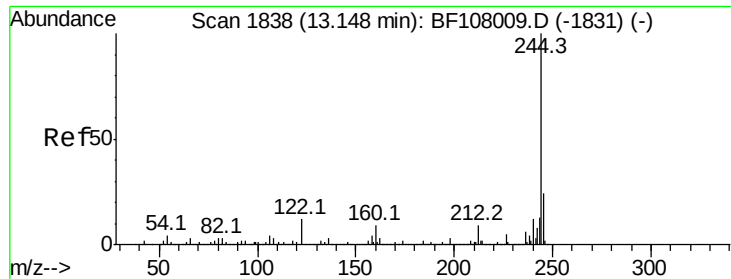
Lab File: BF108484.D

Acq: 25 Aug 2018 00:45

Tgt Ion:	202	Resp:	61800
Ion Ratio	Lower	Upper	
202	100		
200	20.2	17.4	26.2
203	17.8	14.3	21.5

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





#78

Terphenyl-d14

Concen: 9.019 ng

RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108484.D

Acq: 25 Aug 2018 00:45

Instrument :

BNA_F

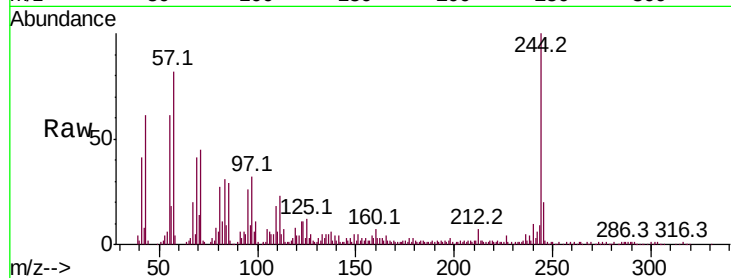
ClientSampleId :

WS-GRAVEL-STAIN

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.3	11.0	16.4

Manual Integrations
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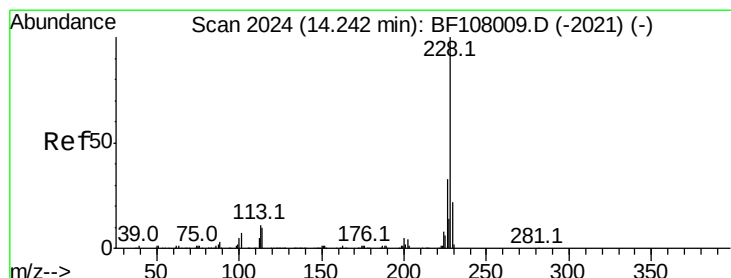
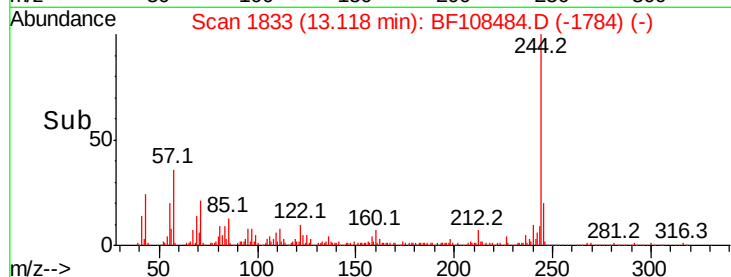
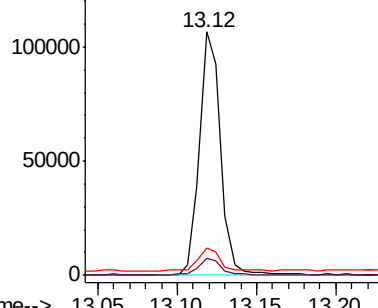


Abundance

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



#82

Chrysene

Concen: 2.100 ng m

RT: 14.22 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF108484.D

Acq: 25 Aug 2018 00:45

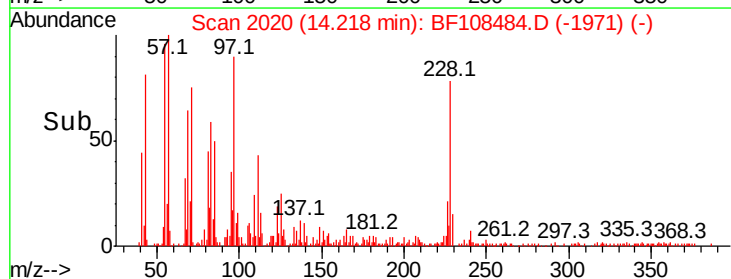
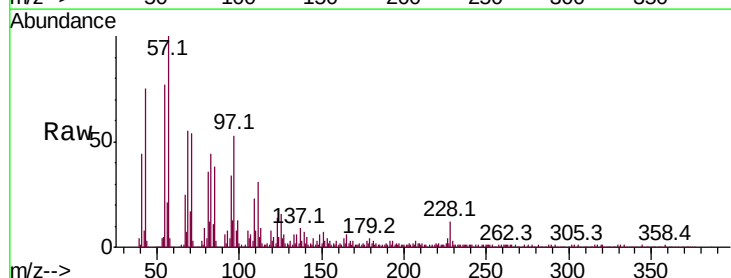
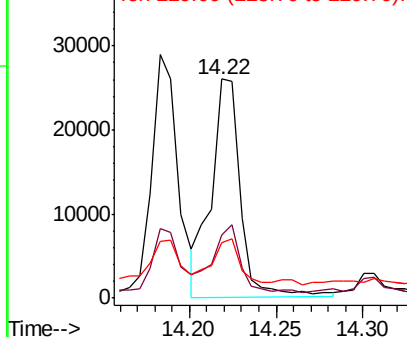
Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	25.0	37.6
229	25.5	16.2	24.4

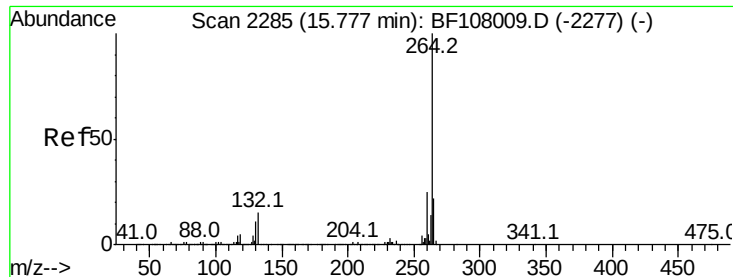
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





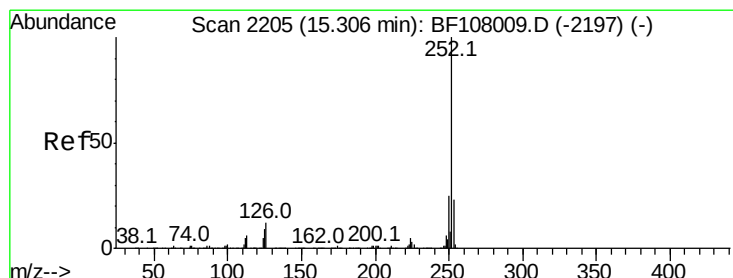
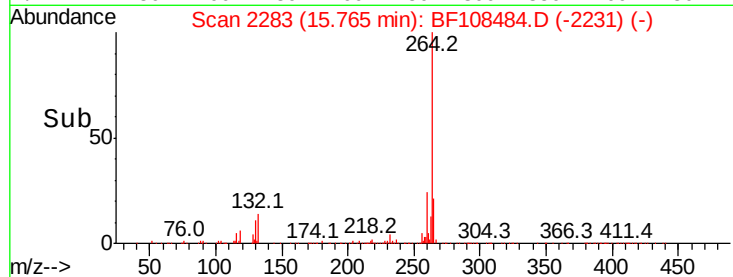
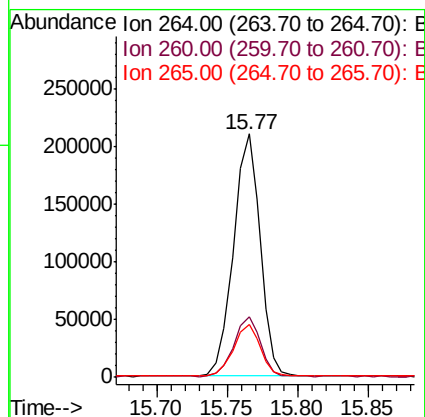
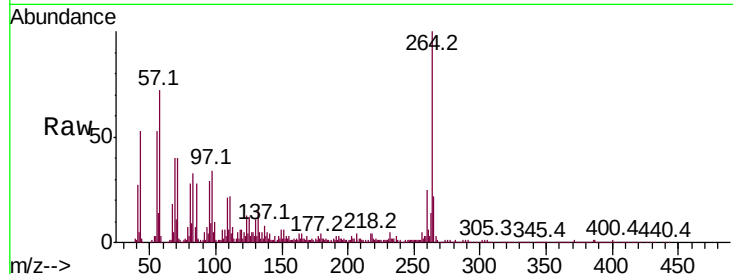
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.77 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF108484.D
Acq: 25 Aug 2018 00:45

Instrument :
BNA_F
ClientSampleId :
WS-GRAVEL-STAIN

Tot Ion:	264	Resp:	276897
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.2	28.8
265	21.7	17.5	26.3

Manual Integrations
APPROVED

Sohil
8/27/2018 5:02:51 PM



#87
Benzo(b)fluoranthene
Concen: 2.447 ng m
RT: 15.29 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BF108484.D
Acq: 25 Aug 2018 00:45

Tgt Ion:	252	Resp:	40490
Ion Ratio	Lower	Upper	
252	100		
253	40.7	17.0	25.6#
125	142.4	9.0	13.6#

