

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
 Data File : BF109658.D
 Acq On : 8 Oct 2018 20:05
 Operator : JU/SJ
 Sample : J5270-05 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-C

Manual Integrations
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 10/9/2018 2:57:35 PM

Quant Time: Oct 09 06:43:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	105664	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	425984	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	185470	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	312444	20.00	ng	0.00
75) Chrysene-d12	13.83	240	231144	20.00	ng	0.00
86) Perylene-d12	15.23	264	203835	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	196858	33.07	ng	0.00
7) Phenol-d6	6.35	99	305810	38.46	ng	-0.01
23) Nitrobenzene-d5	7.26	82	203718	26.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	63685	31.51	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	358315	26.61	ng	0.00
78) Terphenyl-d14	12.78	244	266464	22.32	ng	0.00
Target Compounds						
31) Naphthalene	8.00	128	127061	6.450	ng	98
37) 2-Methylnaphthalene	8.69	142	119594	9.268	ng	98
54) Dibenzofuran	9.93	168	39649	2.466	ng	# 89
70) Phenanthrene	11.23	178	105219	6.729	ng	99
74) Fluoranthene	12.41	202	63762	3.903	ng	98
77) Pyrene	12.63	202	57718	3.408	ng	97
80) Benzo(a)anthracene	13.82	228	29949	2.348	ng	# 86
82) Chrysene	13.85	228	38909	2.904	ng	# 89
87) Benzo(b)fluoranthene	14.83	252	28316m	2.514	ng	

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

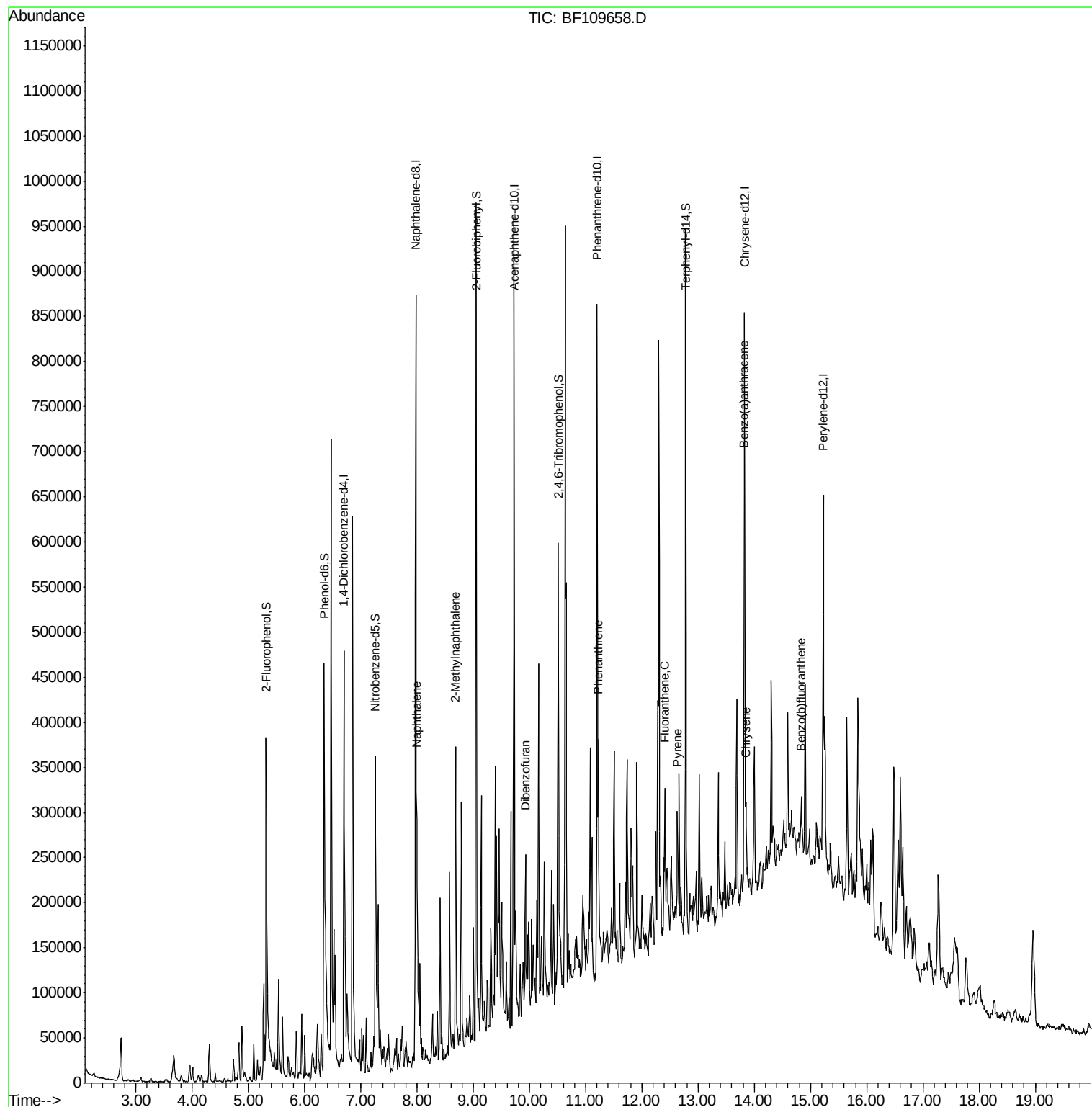
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109658.D
Acq On : 8 Oct 2018 20:05
Operator : JU/SJ
Sample : J5270-05 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

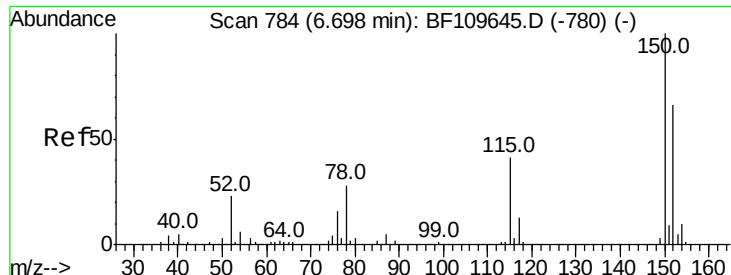
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-C

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Quant Time: Oct 09 06:43:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

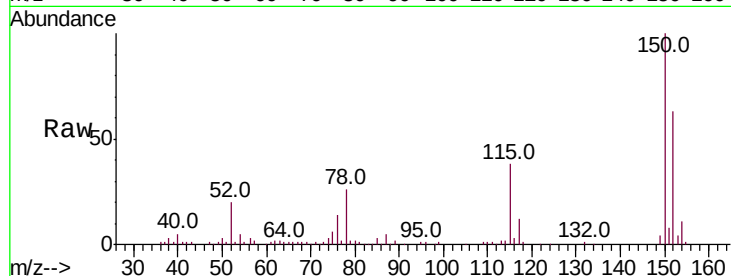
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF109658.D
Acq: 8 Oct 2018 20:05

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	122.7	184.1
115	59.3	49.1	73.7

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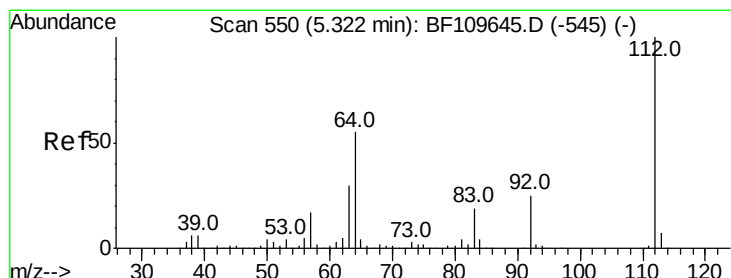
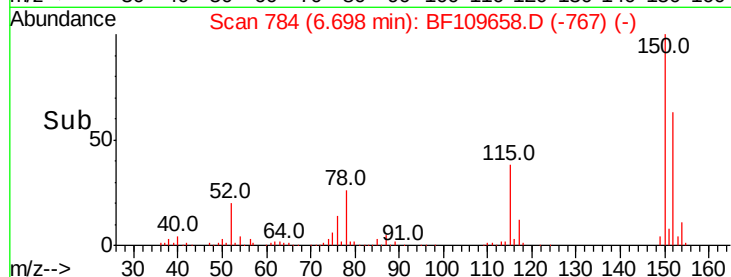
Abundance

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

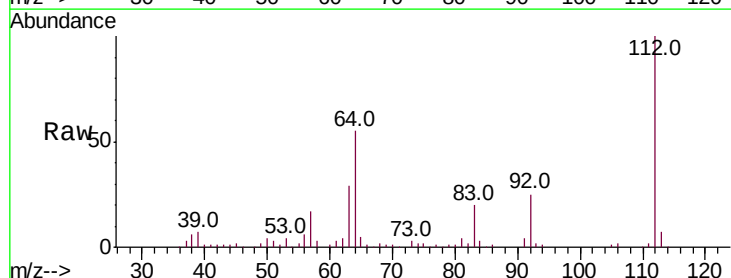
Time-->



#5

2-Fluorophenol
Concen: 33.070 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109658.D
Acq: 8 Oct 2018 20:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	44.1	66.1
63	29.1	23.7	35.5



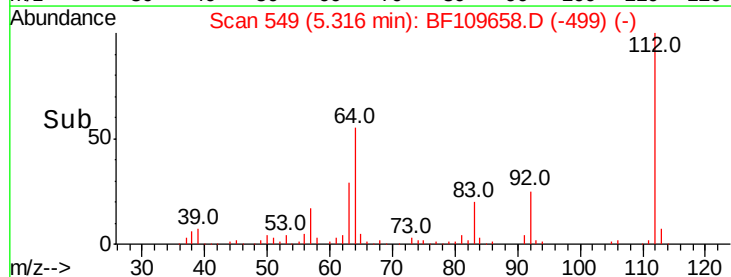
Abundance

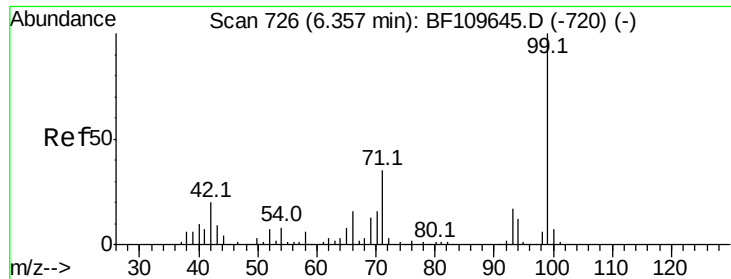
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->





#7

Phenol-d6

Concen: 38.456 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109658.D

Acq: 8 Oct 2018 20:05

Instrument :

BNA_F

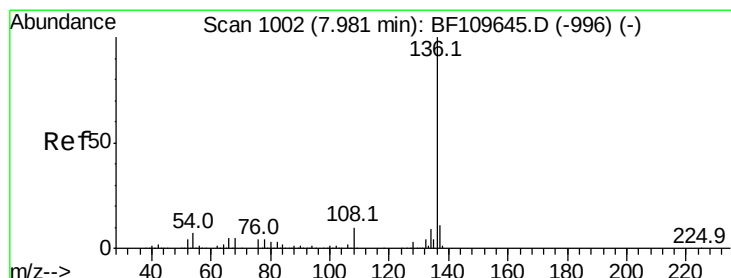
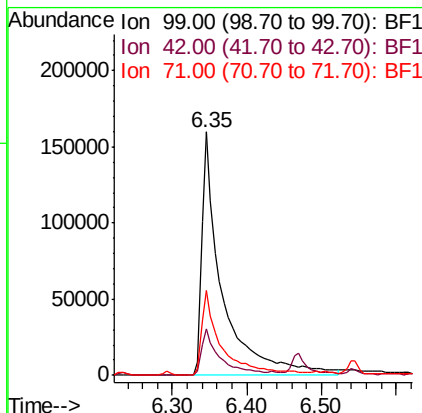
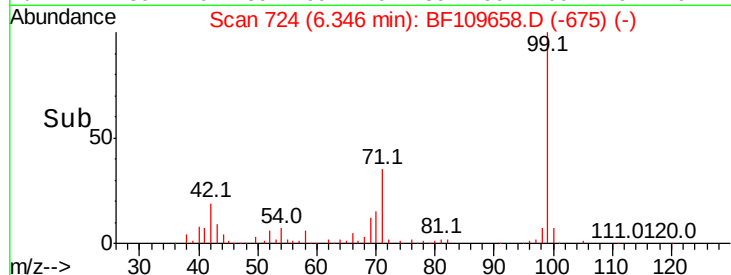
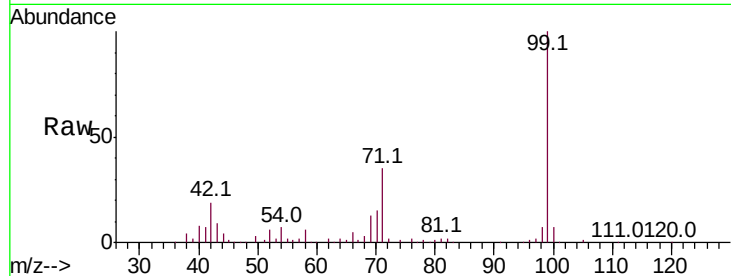
ClientSampleId :

STOCK-PILE-C

Tot Ion:	99	Resp:	305810
Ion Ratio	Lower	Upper	
99	100		
42	19.1	15.8	23.6
71	35.1	28.0	42.0

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#21

Naphthalene-d8

Concen: 20.000 ng

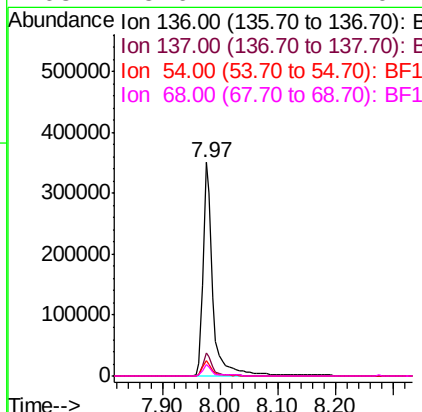
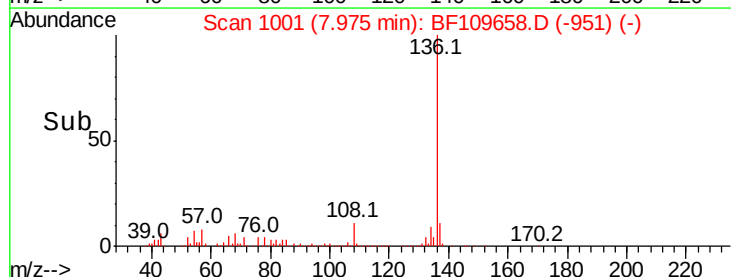
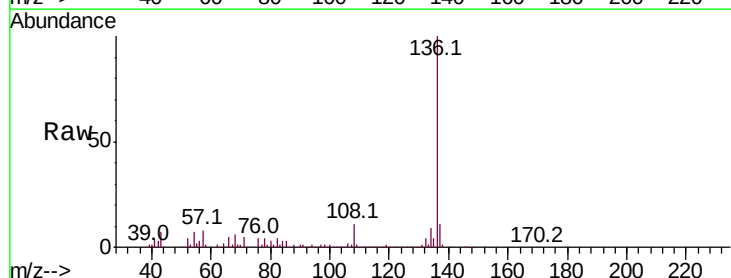
RT: 7.97 min Scan# 1001

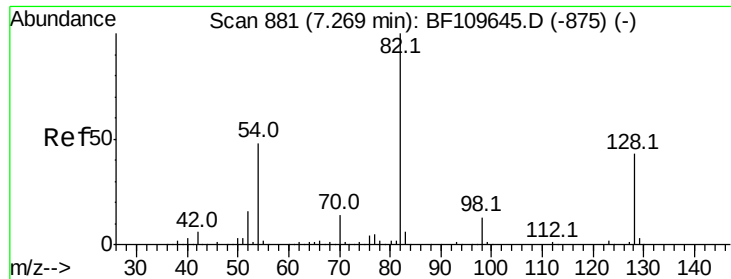
Delta R.T. -0.01 min

Lab File: BF109658.D

Acq: 8 Oct 2018 20:05

Tgt Ion:	136	Resp:	425984
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	7.4	5.4	8.2
68	5.6	4.2	6.2





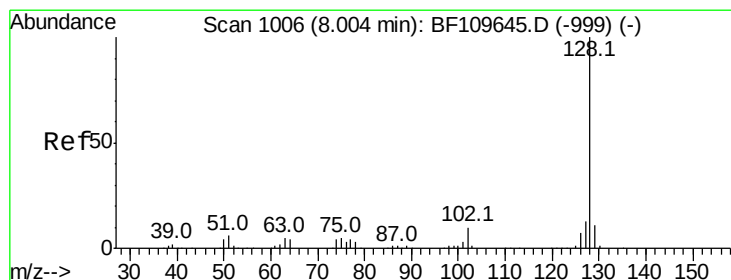
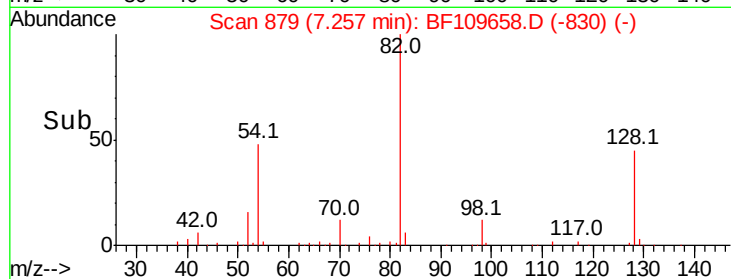
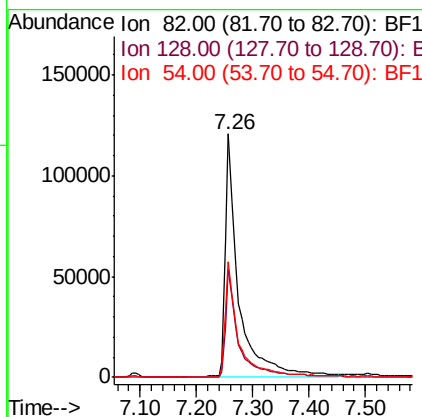
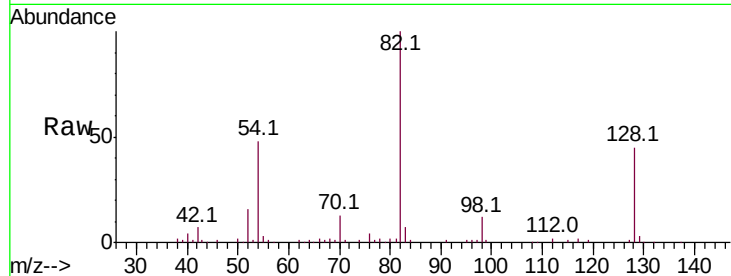
#23
 Nitrobenzene-d5
 Concen: 26.362 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF109658.D
 Acq: 8 Oct 2018 20:05

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.2	51.2
54	47.5	38.6	58.0

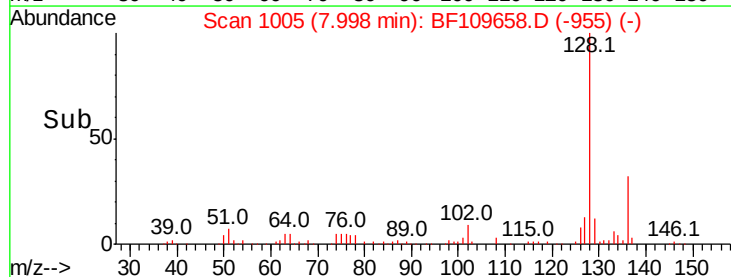
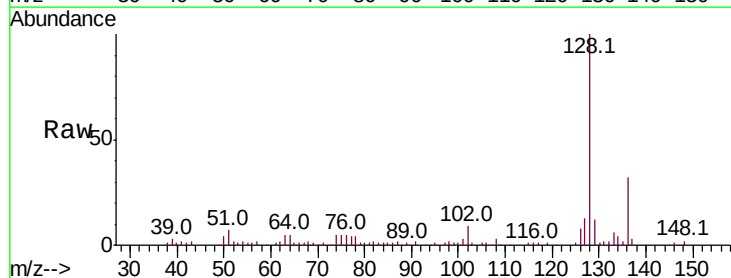
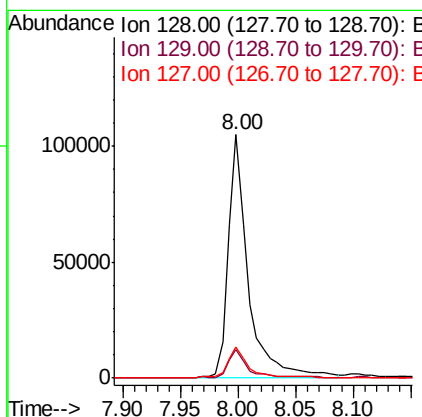
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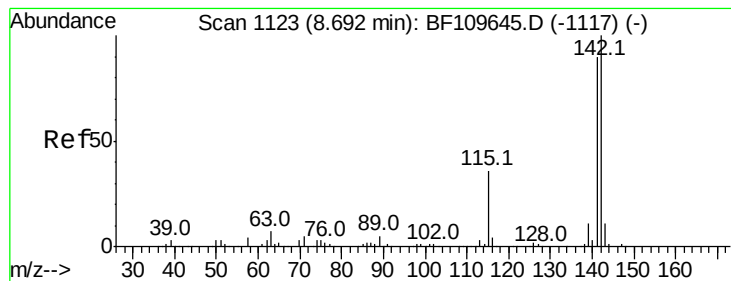
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#31
 Naphthalene
 Concen: 6.450 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BF109658.D
 Acq: 8 Oct 2018 20:05

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.8	13.2
127	12.9	10.8	16.2





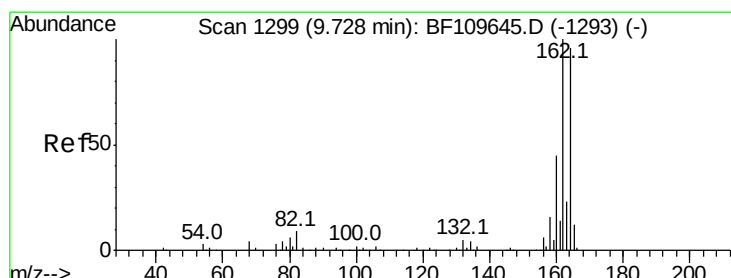
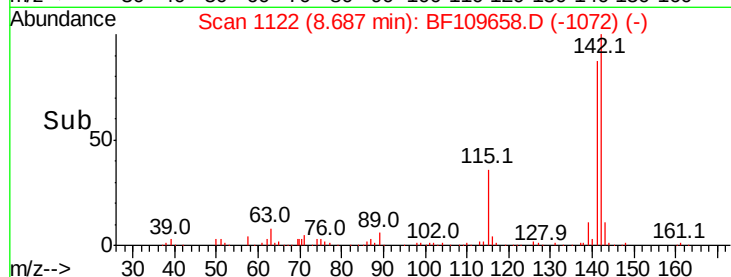
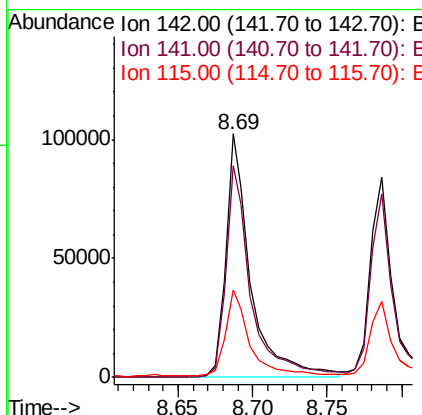
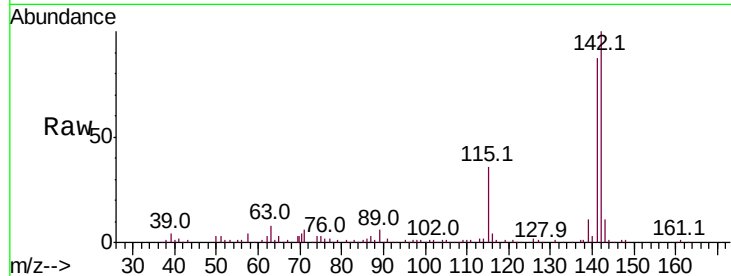
#37
2-Methylnaphthalene
Concen: 9.268 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF109658.D
Acq: 8 Oct 2018 20:05

Instrument :
BNA_F
ClientSampled :
STOCK-PILE-C

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.7	71.4	107.2
115	35.7	28.7	43.1

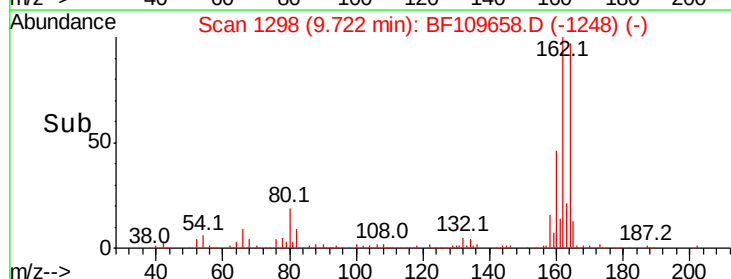
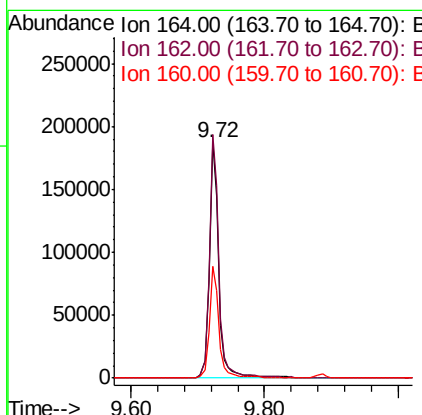
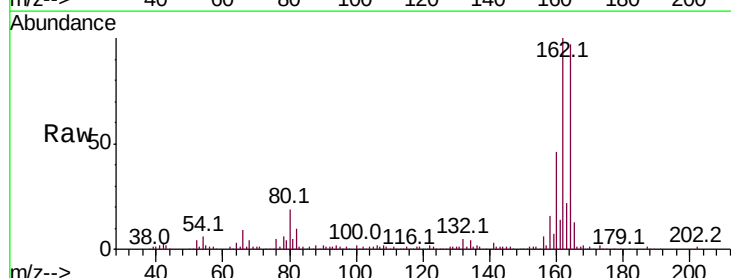
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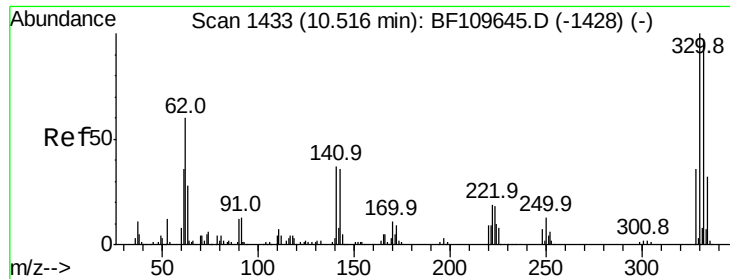
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109658.D
Acq: 8 Oct 2018 20:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.0	124.6
160	47.4	37.0	55.6





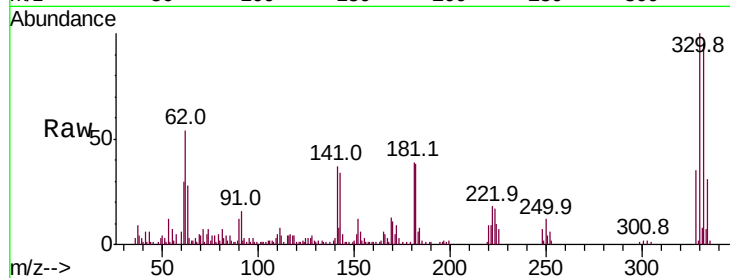
#41
 2,4,6-Tribromophenol
 Concen: 31.513 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109658.D
 Acq: 8 Oct 2018 20:05

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-C

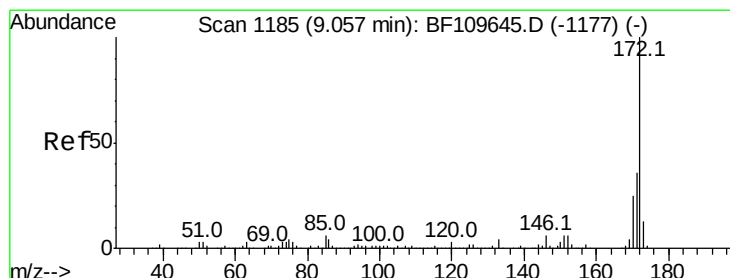
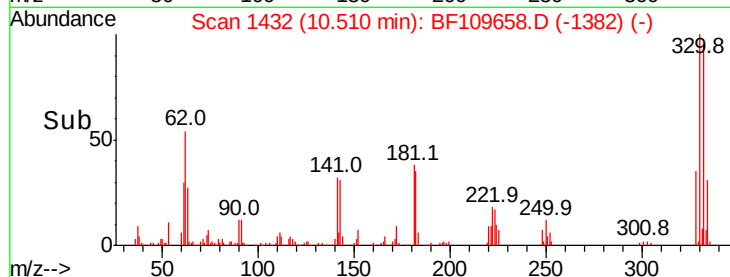
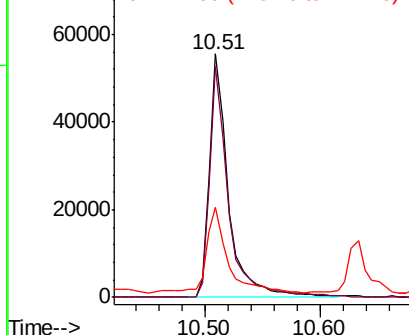
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.1	115.7
141	39.8	27.0	40.4

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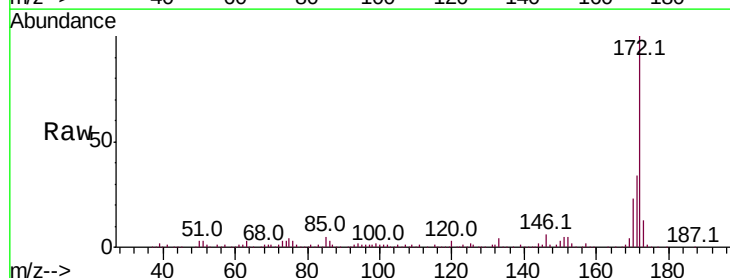


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

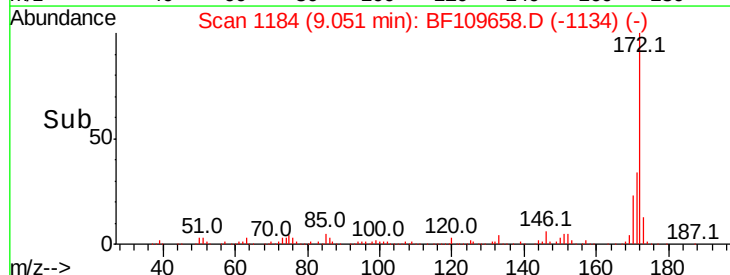
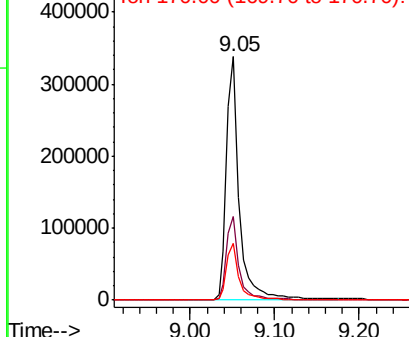


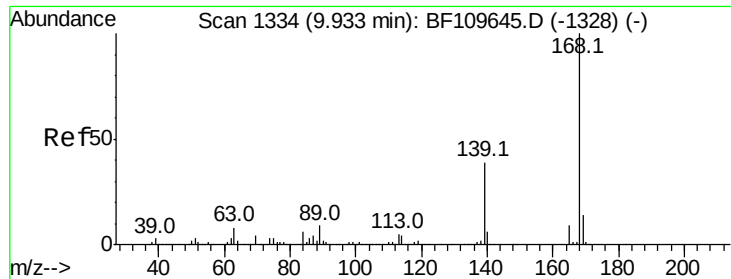
#44
 2-Fluorobiphenyl
 Concen: 26.608 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109658.D
 Acq: 8 Oct 2018 20:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.6	43.0
170	23.2	19.7	29.5



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





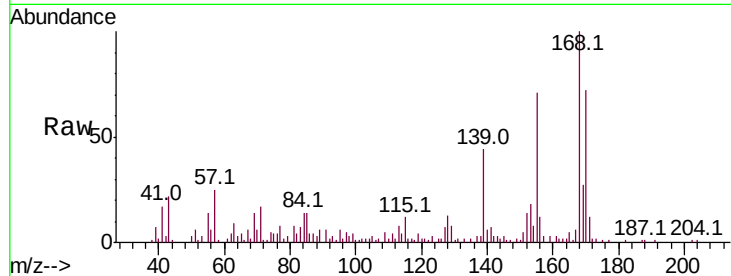
#54
Dibenzofuran
Concen: 2.466 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109658.D
Acq: 8 Oct 2018 20:05

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-C

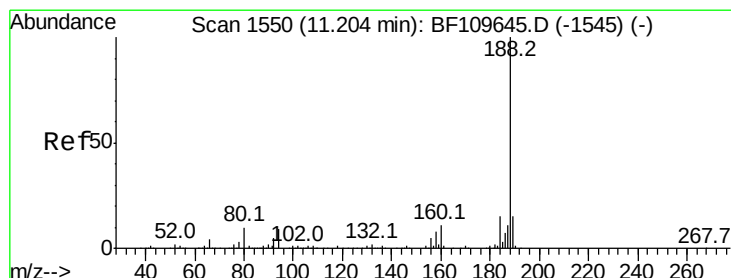
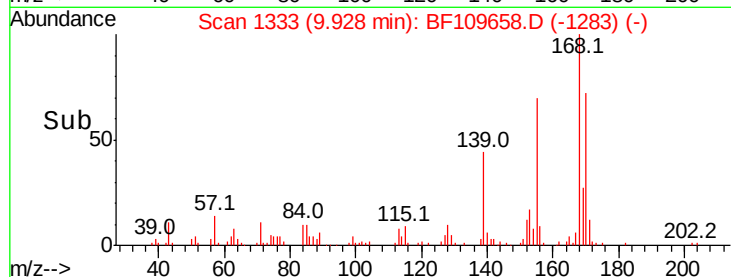
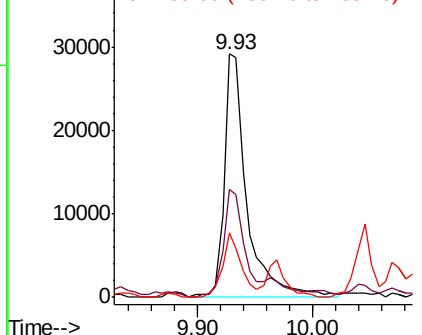
Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	44.1	33.0	49.6	
169	26.7	11.3	16.9	

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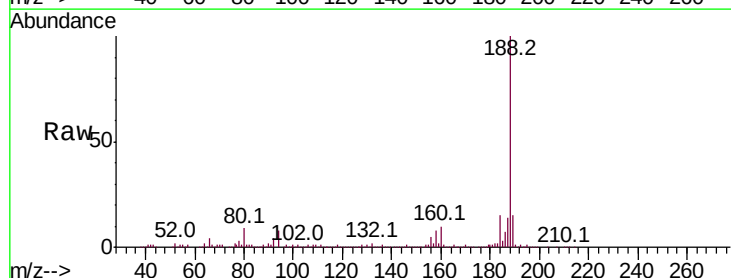


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

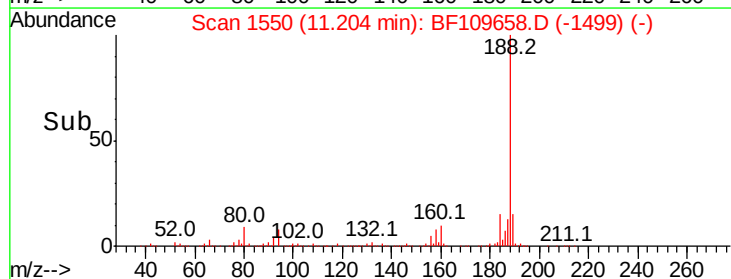
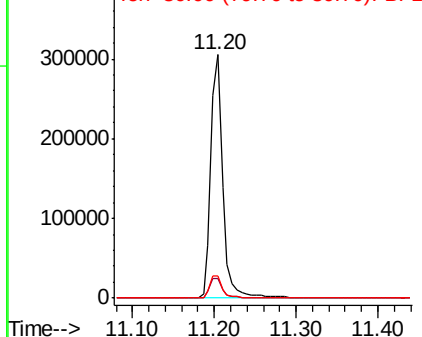


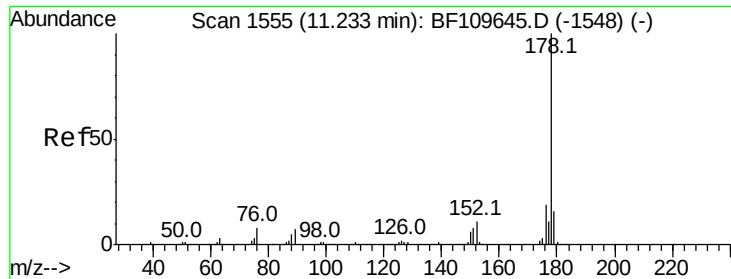
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF109658.D
Acq: 8 Oct 2018 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.1	7.2	10.8	
80	9.2	7.9	11.9	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





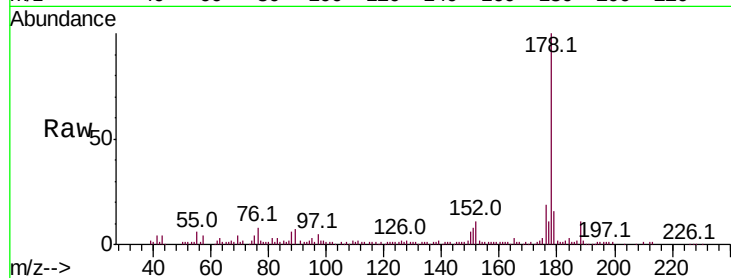
#70
Phenanthrene
Concen: 6.729 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF109658.D
Acq: 8 Oct 2018 20:05

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-C

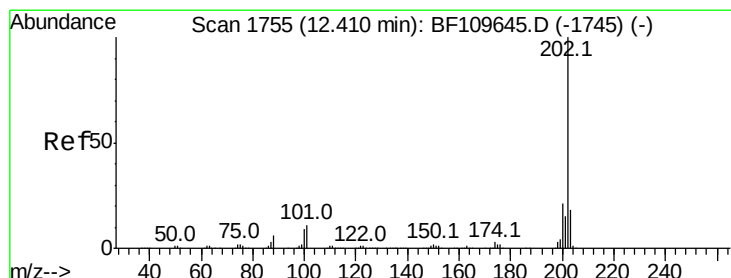
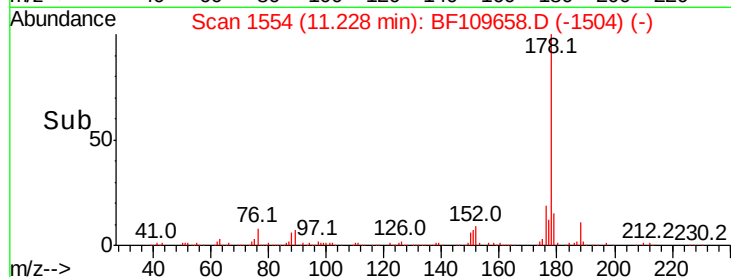
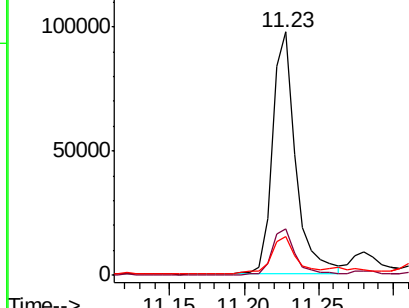
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	16.0	12.5	18.7

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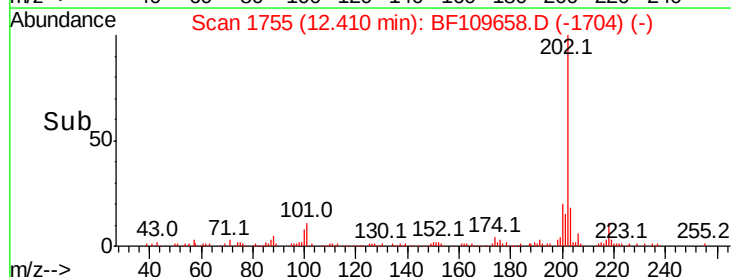
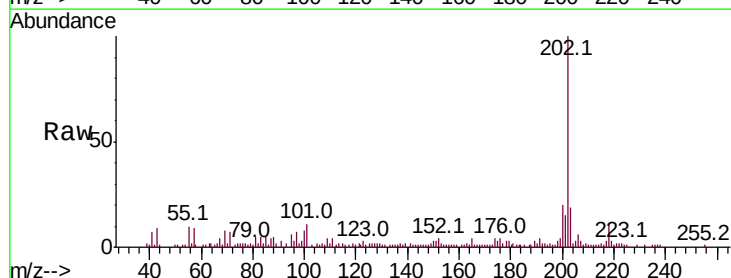
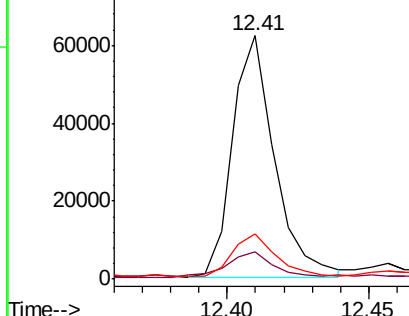
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

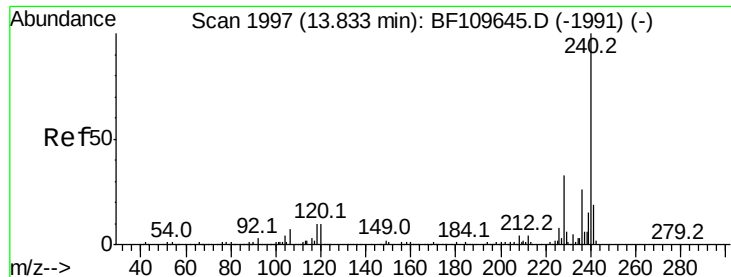


#74
Fluoranthene
Concen: 3.903 ng
RT: 12.41 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BF109658.D
Acq: 8 Oct 2018 20:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.4
203	18.8	0.0	37.7

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109658.D

Acq: 8 Oct 2018 20:05

Instrument :

BNA_F

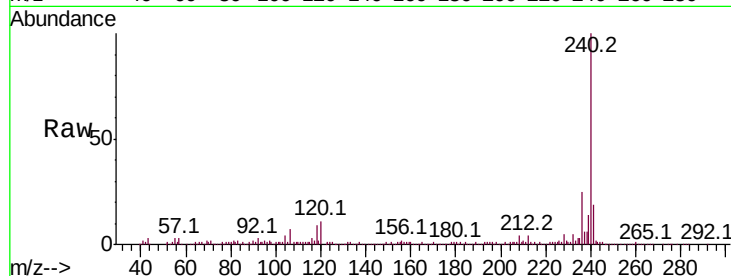
ClientSampleId :

STOCK-PILE-C

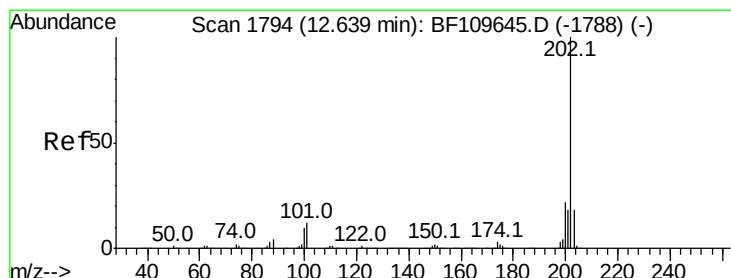
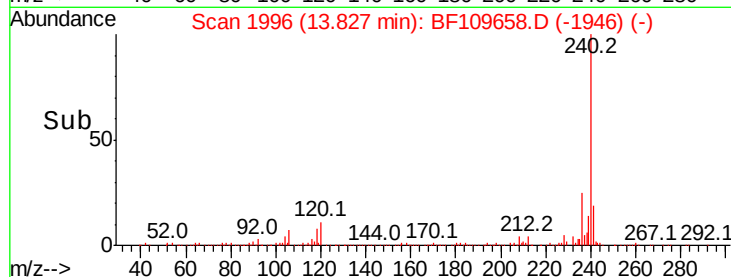
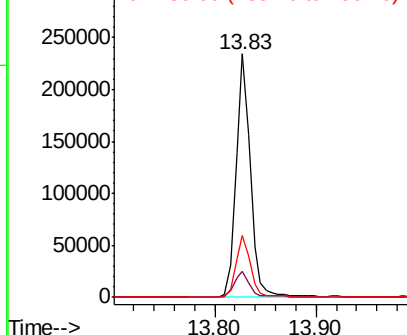
Tot Ion:	240	Resp:	231144
Ion Ratio	Lower	Upper	
240	100		
120	10.9	8.3	12.5
236	25.5	21.2	31.8

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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: 3.408 ng

RT: 12.63 min Scan# 1793

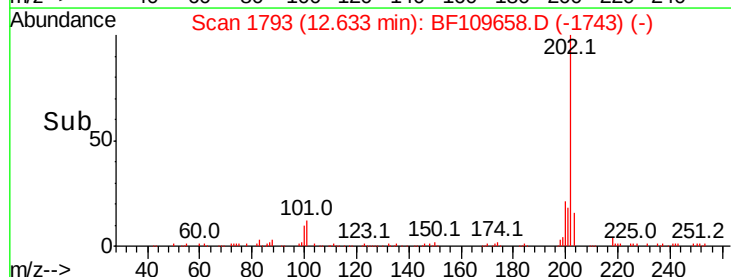
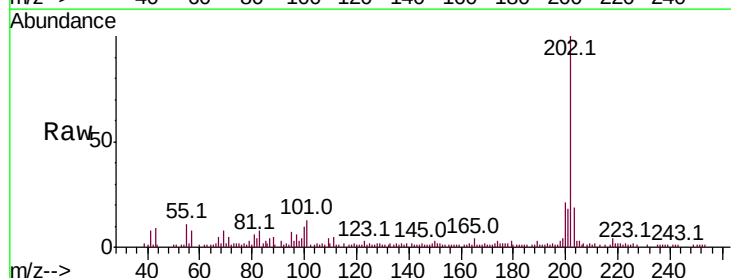
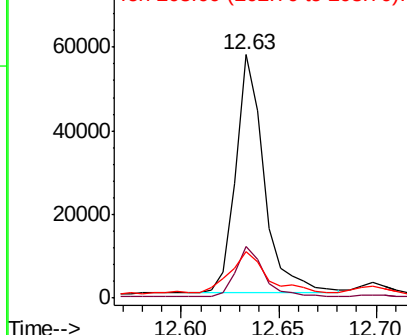
Delta R.T. -0.01 min

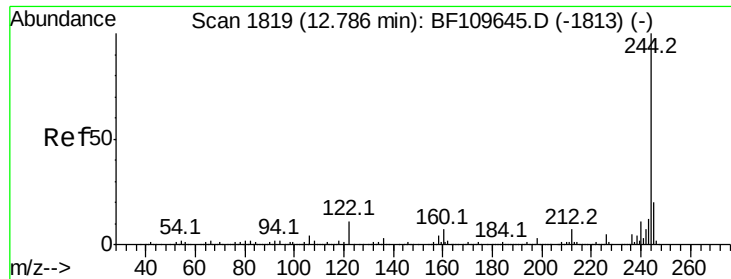
Lab File: BF109658.D

Acq: 8 Oct 2018 20:05

Tgt Ion:	202	Resp:	57718
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.8	26.6
203	19.2	14.2	21.4

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





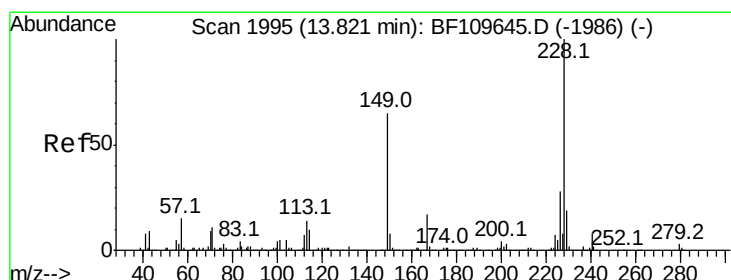
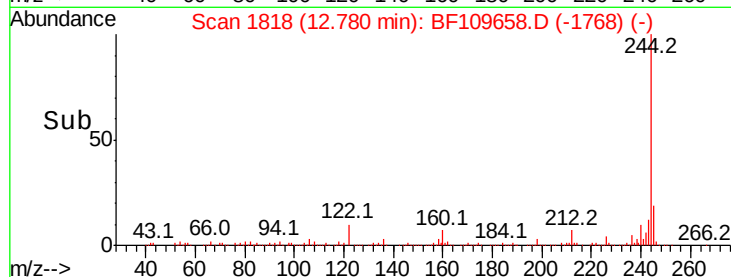
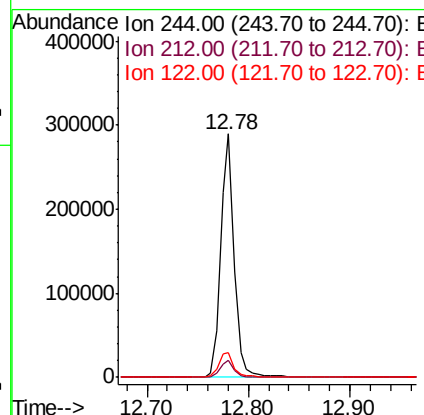
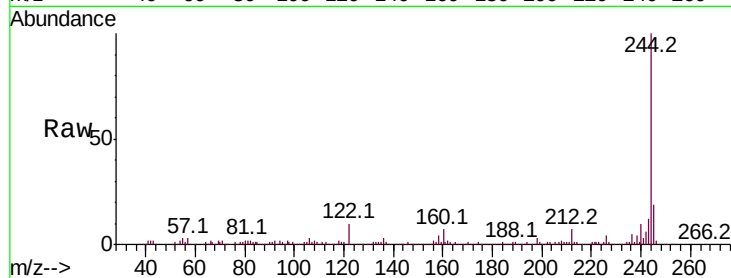
#78
 Terphenyl-d14
 Concen: 22.316 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF109658.D
 Acq: 8 Oct 2018 20:05

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-C

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	10.0	8.7	13.1

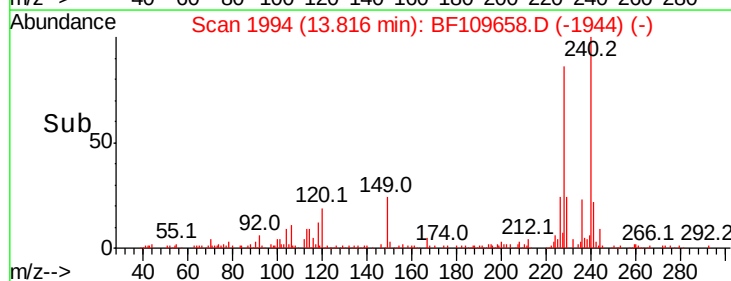
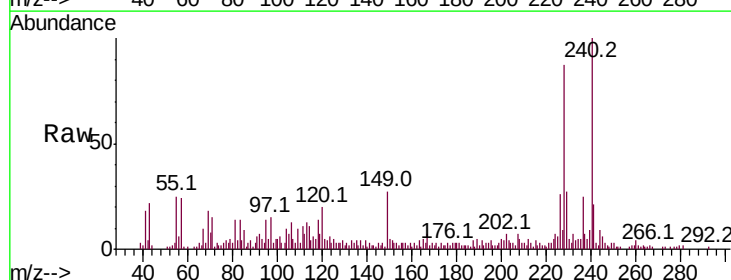
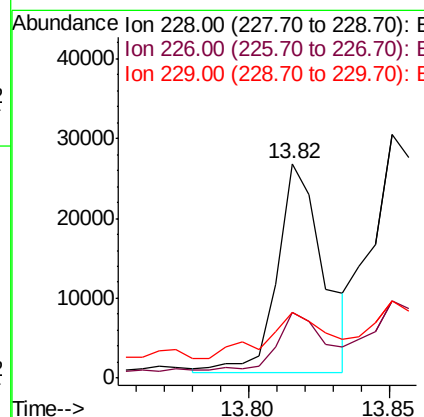
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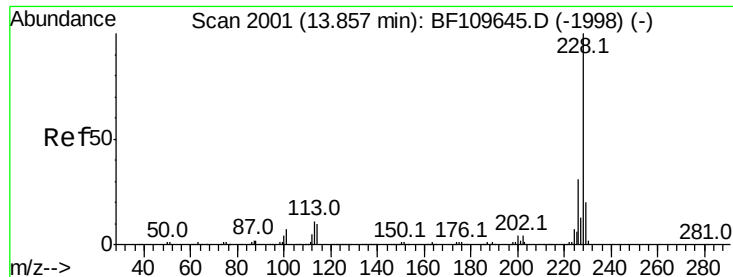
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#80
 Benzo(a)anthracene
 Concen: 2.348 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF109658.D
 Acq: 8 Oct 2018 20:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.1	33.1
229	30.9	15.6	23.4#





#82

Chrysene

Concen: 2.904 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF109658.D

Acq: 8 Oct 2018 20:05

Instrument :

BNA_F

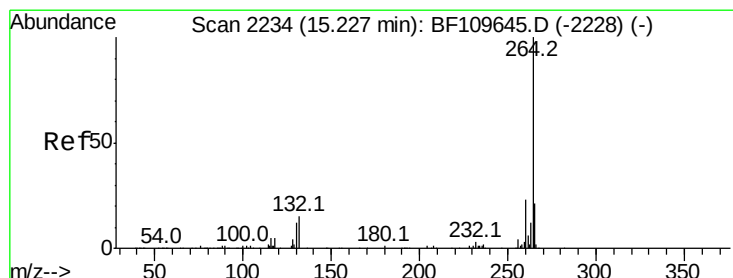
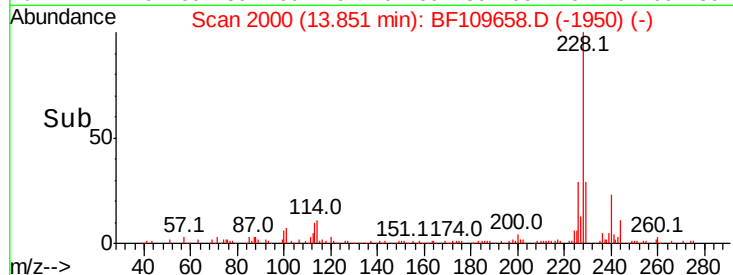
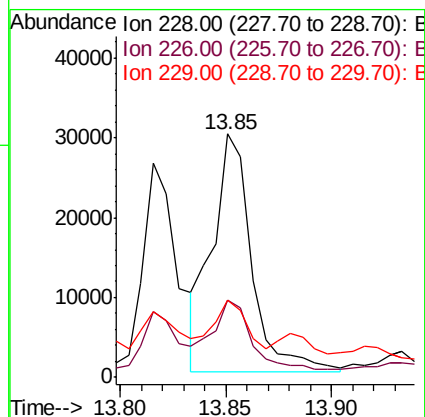
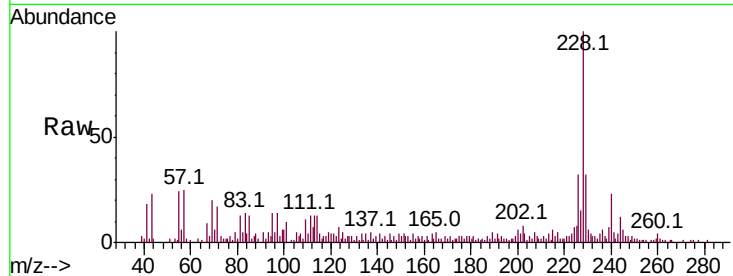
ClientSampleId :

STOCK-PILE-C

Tot Ion:	228	Resp:	38909
Ion Ratio	Lower	Upper	
228	100		
226	31.7	24.7	37.1
229	32.0	15.9	23.9

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#86

Perylene-d12

Concen: 20.000 ng

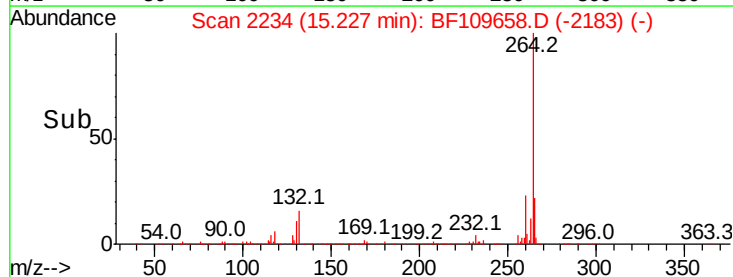
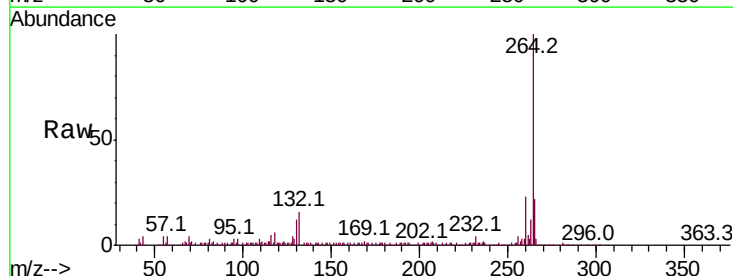
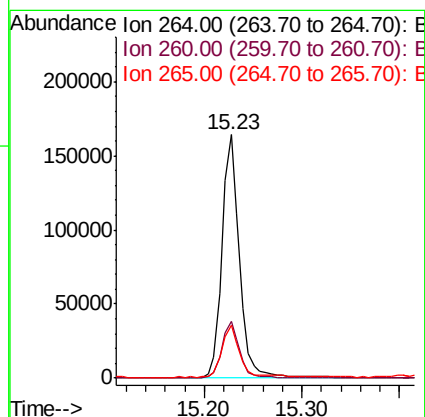
RT: 15.23 min Scan# 2234

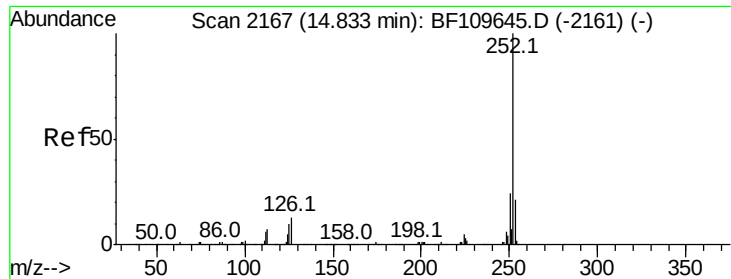
Delta R.T. 0.00 min

Lab File: BF109658.D

Acq: 8 Oct 2018 20:05

Tgt Ion:	264	Resp:	203835
Ion Ratio	Lower	Upper	
264	100		
260	23.3	18.7	28.1
265	21.8	16.7	25.1





#87
 Benzo(b)fluoranthene
 Concen: 2.514 ng m
 RT: 14.83 min Scan# 2167
 Delta R.T. 0.00 min
 Lab File: BF109658.D
 Acq: 8 Oct 2018 20:05

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.2	25.8#
125	18.4	8.2	12.4#

Manual Integrations
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