

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
 Data File : BF108466.D
 Acq On : 24 Aug 2018 16:31
 Operator : JU/SJ
 Sample : J4581-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-A1

Manual Integrations
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Sohil
 8/27/2018 5:02:44 PM

Quant Time: Aug 27 11:07:22 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	133047	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	511816	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	261468	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	500203	20.00	ng	0.00
75) Chrysene-d12	14.19	240	287432	20.00	ng	0.00
86) Perylene-d12	15.75	264	268060	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	626149	85.20	ng	0.00
7) Phenol-d6	6.62	99	857487	87.81	ng	0.00
23) Nitrobenzene-d5	7.56	82	565840	61.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	264217	101.31	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	914473	56.15	ng	-0.01
78) Terphenyl-d14	13.12	244	927543	82.05	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.75	163	219313	12.041	ng	98
70) Phenanthrene	11.57	178	92671	3.928	ng	96
74) Fluoranthene	12.76	202	133270	5.176	ng	94
77) Pyrene	12.99	202	113405	6.232	ng	98
80) Benzo(a)anthracene	14.18	228	42355	2.568	ng	97
82) Chrysene	14.22	228	39810m	2.632	ng	
87) Benzo(b)fluoranthene	15.28	252	46209m	2.885	ng	
89) Benzo(a)pyrene	15.68	252	33848	2.360	ng	98

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

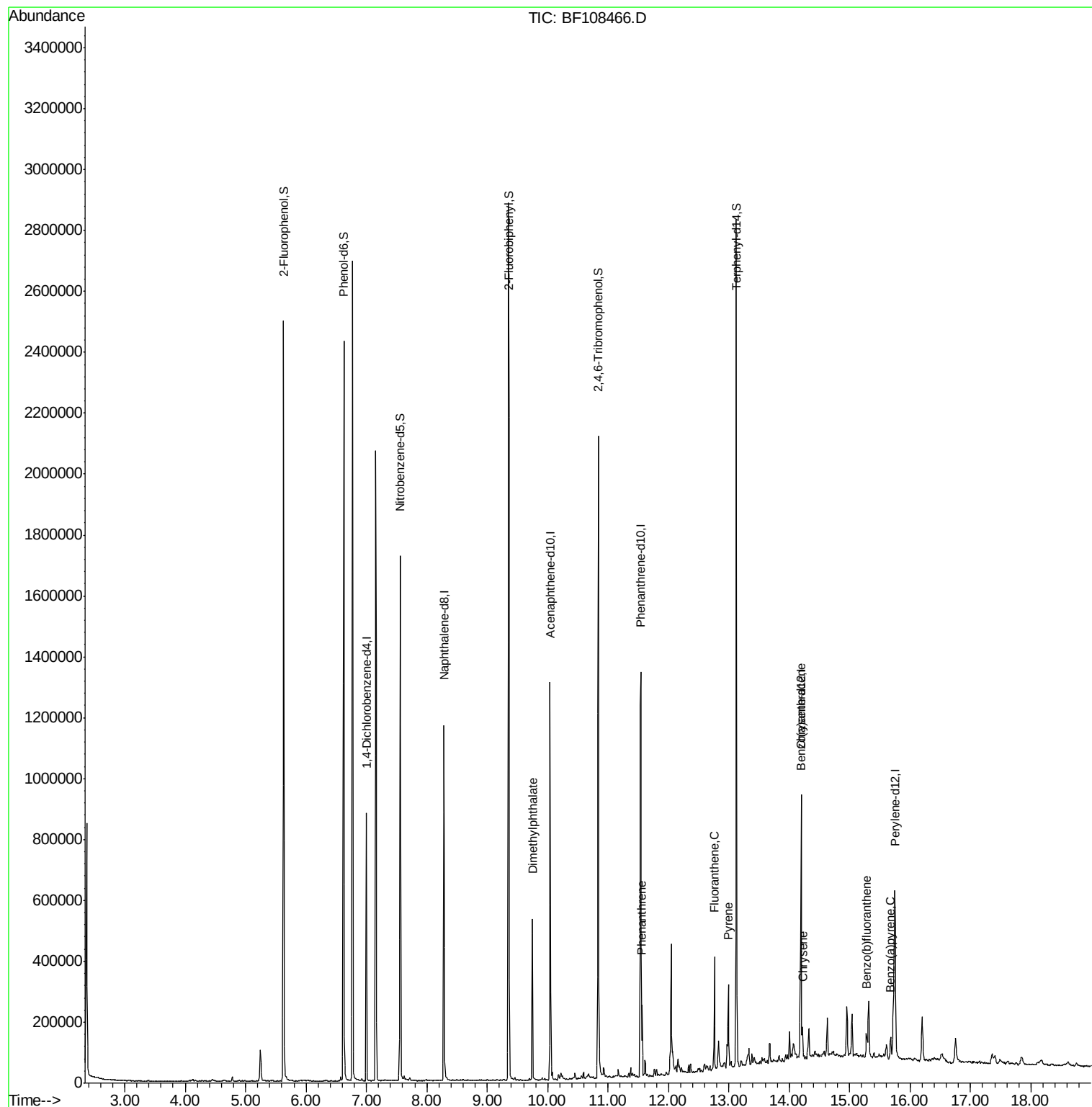
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108466.D
Acq On : 24 Aug 2018 16:31
Operator : JU/SJ
Sample : J4581-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

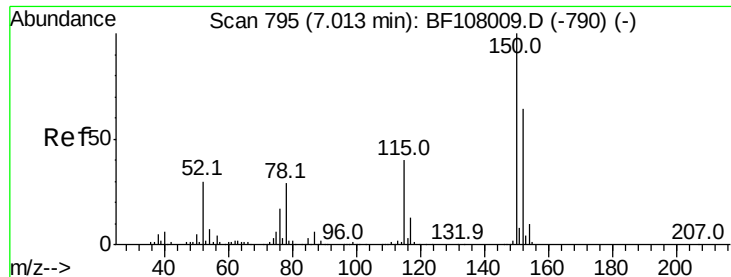
Instrument :
BNA_F
ClientSampleId :
EP1-Q3-A1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

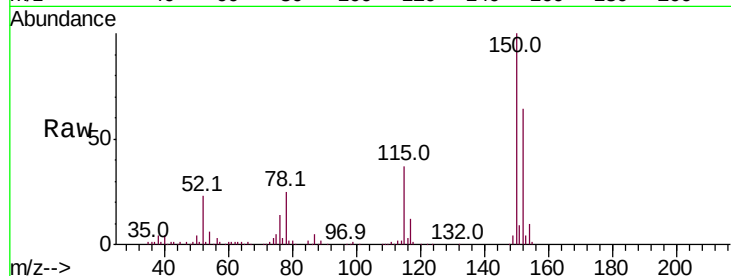
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108466.D
Acq: 24 Aug 2018 16:31

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-A1

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	57.3	50.1	75.1

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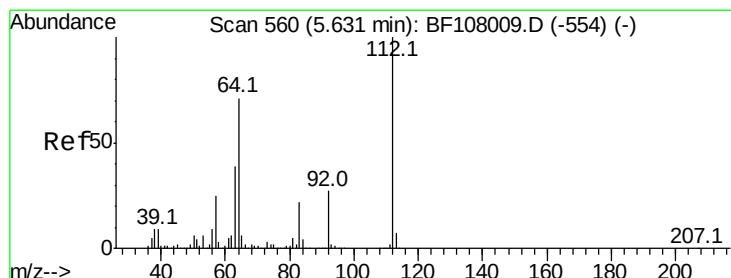
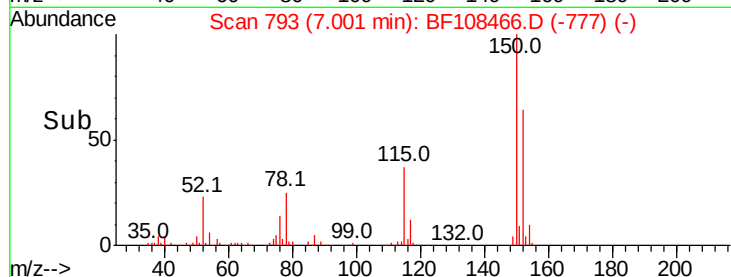
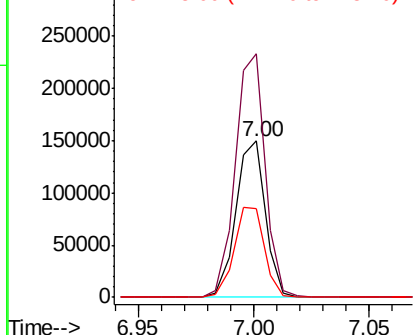


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

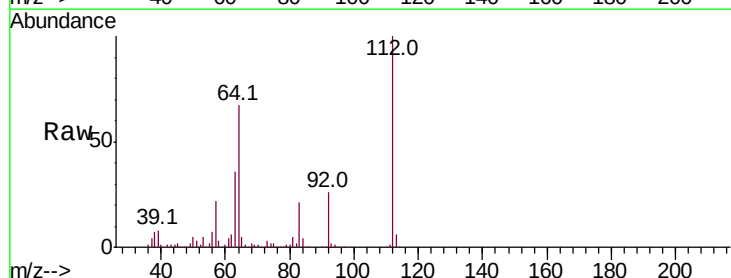
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 85.204 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108466.D
Acq: 24 Aug 2018 16:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.9	47.9	71.9
63	36.3	23.7	35.5#

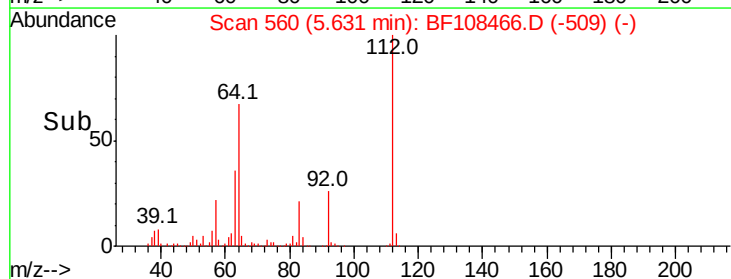
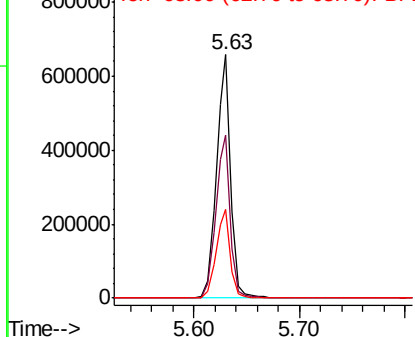


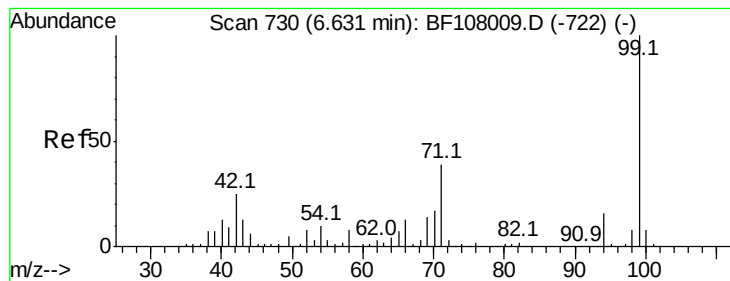
Abundance

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: 87.807 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108466.D

Acq: 24 Aug 2018 16:31

Instrument :

BNA_F

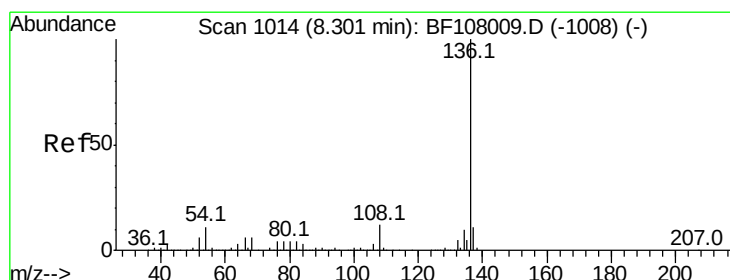
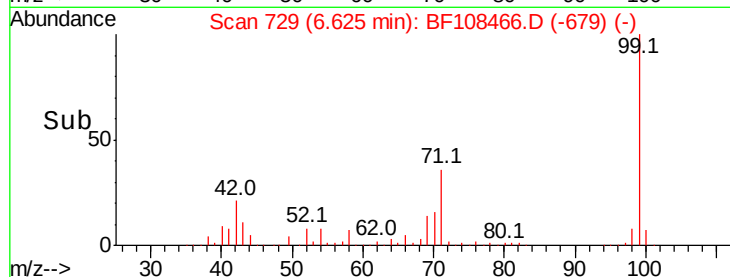
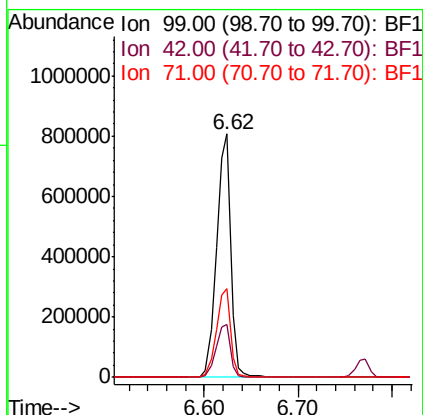
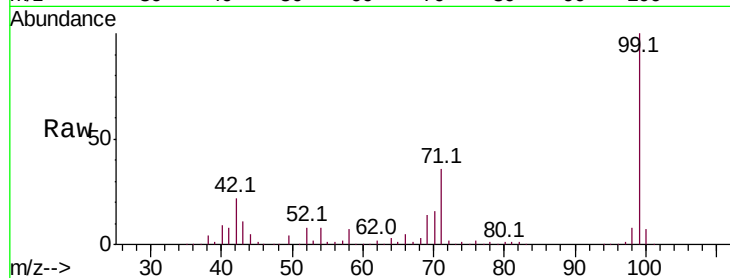
ClientSampled :

EP1-Q3-A1

Tot Ion:	99	Resp:	857487
Ion Ratio	Lower	Upper	
99	100		
42	21.5	14.5	21.7
71	36.3	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

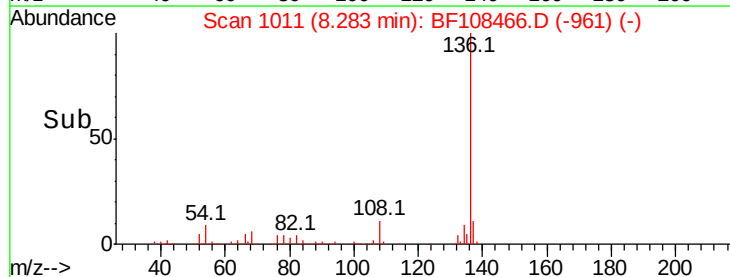
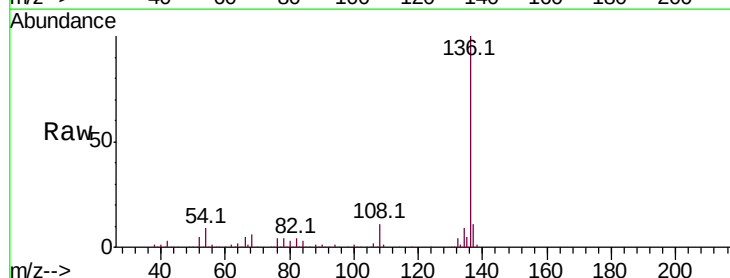
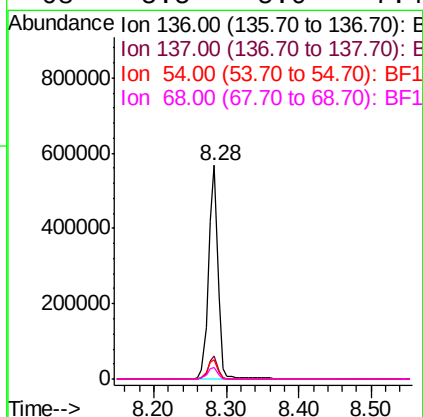
RT: 8.28 min Scan# 1011

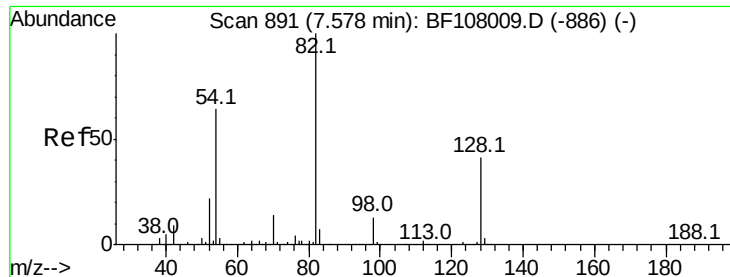
Delta R.T. -0.01 min

Lab File: BF108466.D

Acq: 24 Aug 2018 16:31

Tgt Ion:	136	Resp:	511816
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.9	13.3
54	9.3	6.6	9.8
68	5.5	5.0	7.4





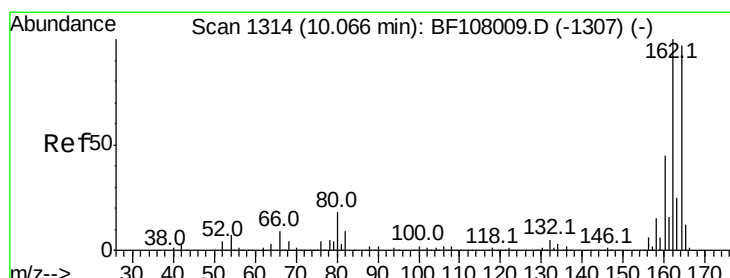
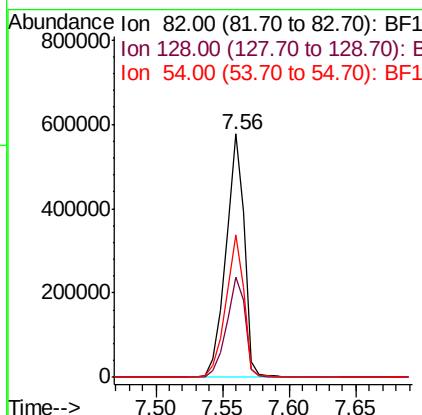
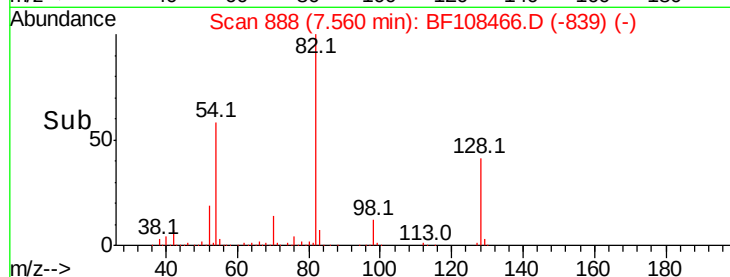
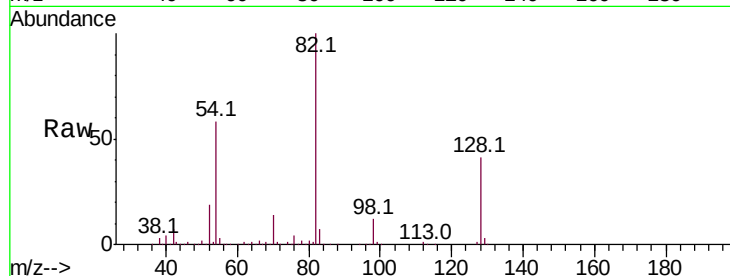
#23
Nitrobenzene-d5
Concen: 61.691 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108466.D
Acq: 24 Aug 2018 16:31

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-A1

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.2	36.1	54.1	
54	58.4	41.4	62.2	

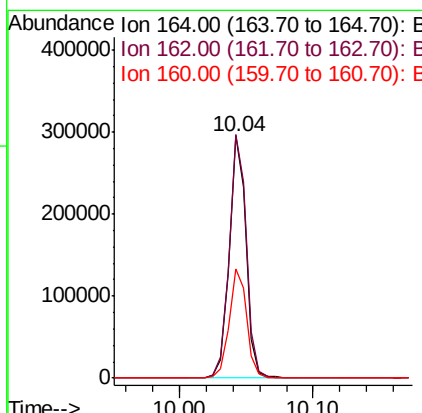
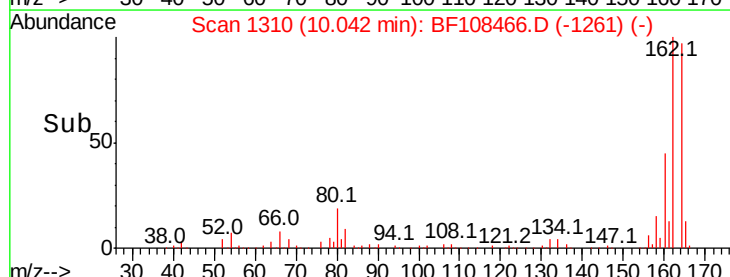
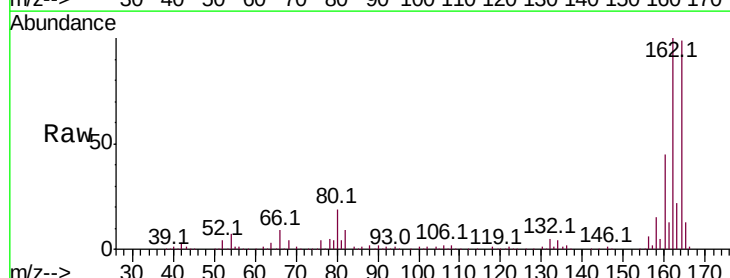
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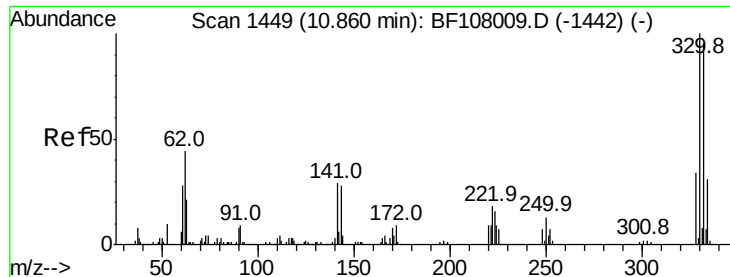
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108466.D
Acq: 24 Aug 2018 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.7	86.1	129.1	
160	44.9	38.3	57.5	





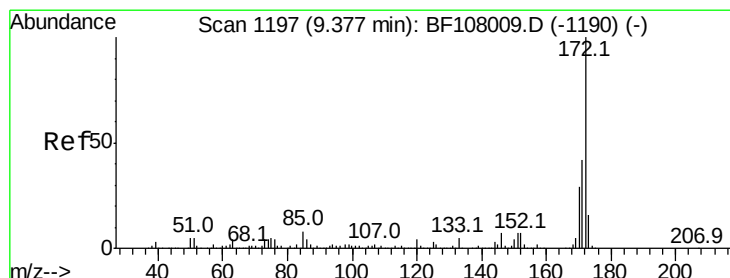
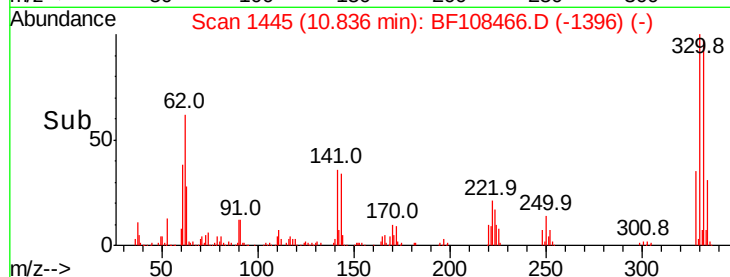
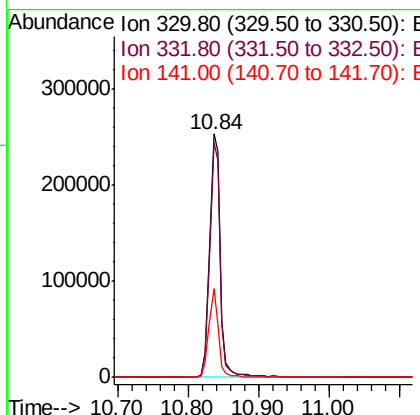
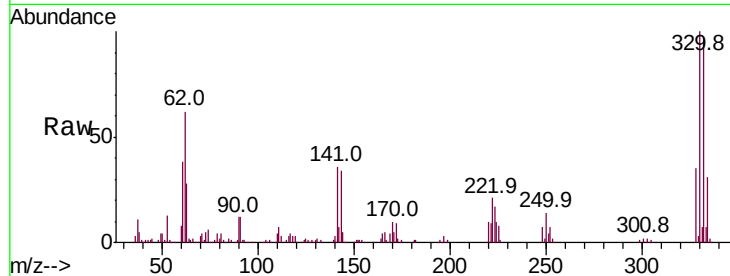
#41
 2,4,6-Tribromophenol
 Concen: 101.307 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108466.D
 Acq: 24 Aug 2018 16:31

Instrument :
 BNA_F
 ClientSampled :
 EP1-Q3-A1

Tot Ion	Ratio	Resp	Lower	Upper
330	100	264217		
332	95.4	77.0	115.6	
141	32.6	29.9	44.9	

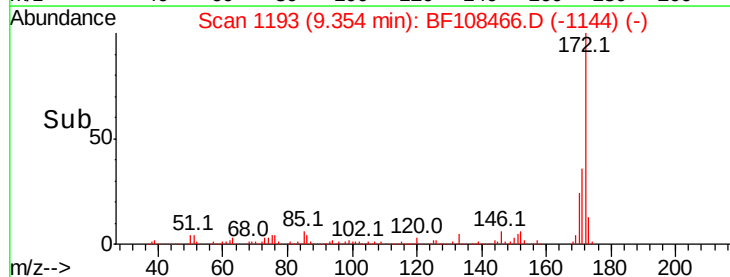
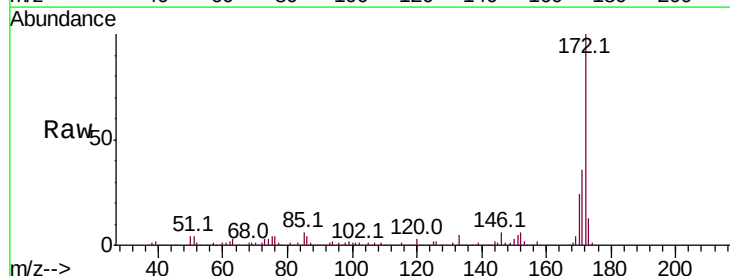
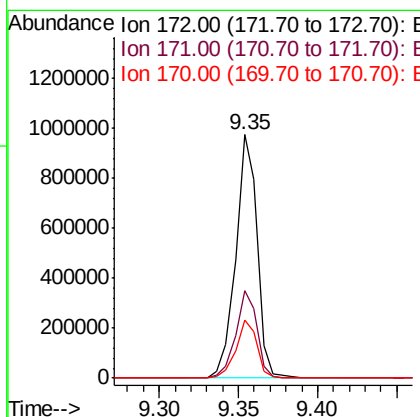
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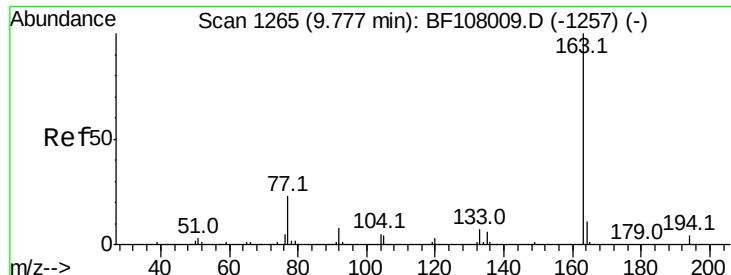
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#44
 2-Fluorobiphenyl
 Concen: 56.151 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108466.D
 Acq: 24 Aug 2018 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	914473		
171	35.8	29.7	44.5	
170	24.1	19.6	29.4	





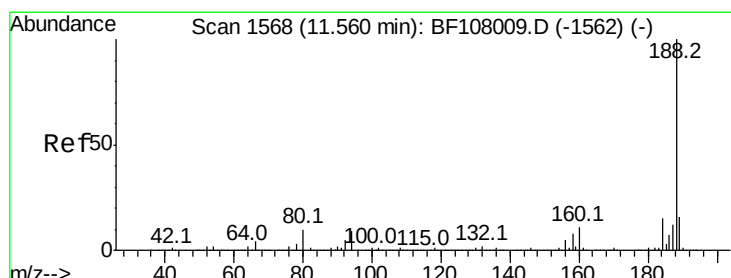
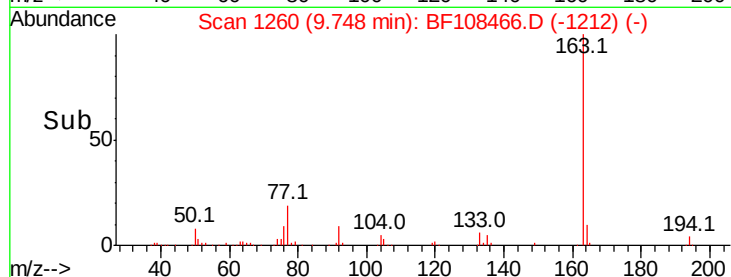
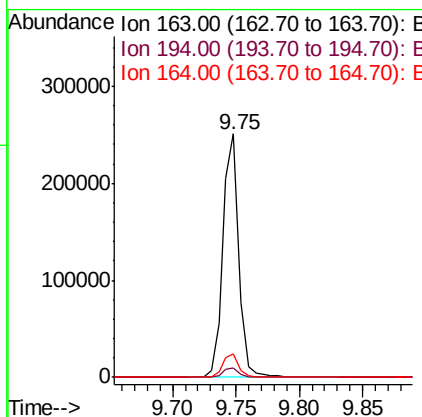
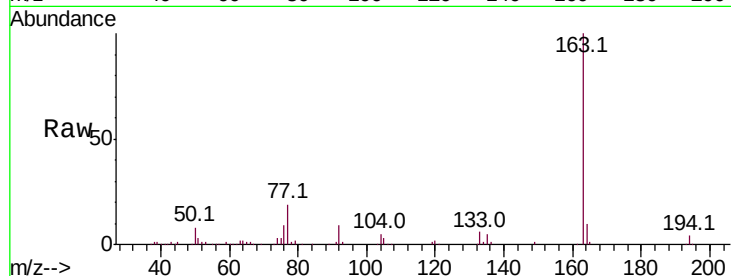
#49
 Dimethylphthalate
 Concen: 12.041 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.02 min
 Lab File: BF108466.D
 Acq: 24 Aug 2018 16:31

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-A1

Tot Ion:	163	Resp:	219313
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.7	4.1
164	9.6	8.2	12.2

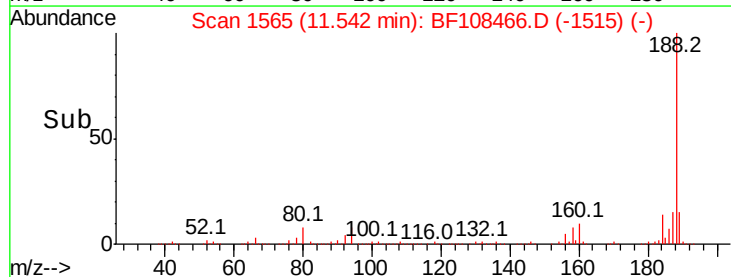
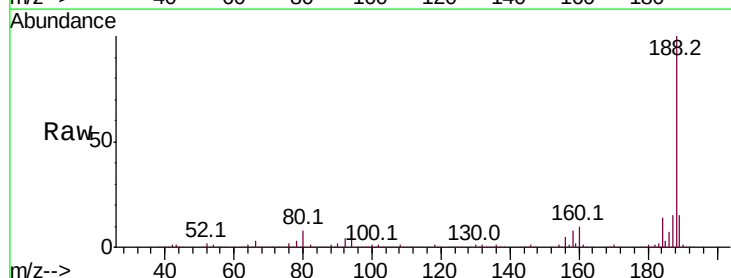
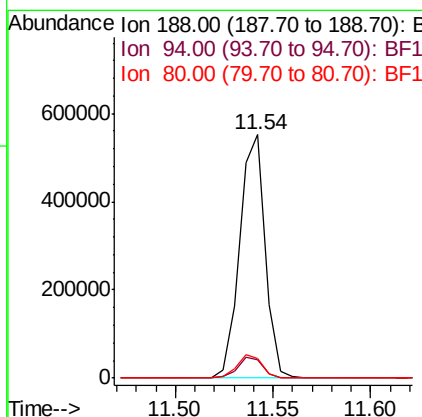
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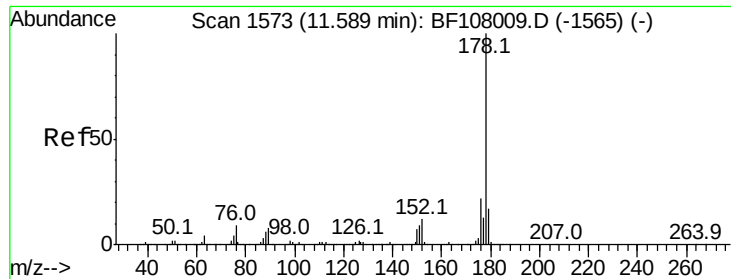
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF108466.D
 Acq: 24 Aug 2018 16:31

Tgt Ion:	188	Resp:	500203
Ion Ratio	Lower	Upper	
188	100		
94	7.8	8.5	12.7#
80	8.2	9.2	13.8#





#70

Phenanthrene

Concen: 3.928 ng

RT: 11.57 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF108466.D

Acq: 24 Aug 2018 16:31

Instrument :

BNA_F

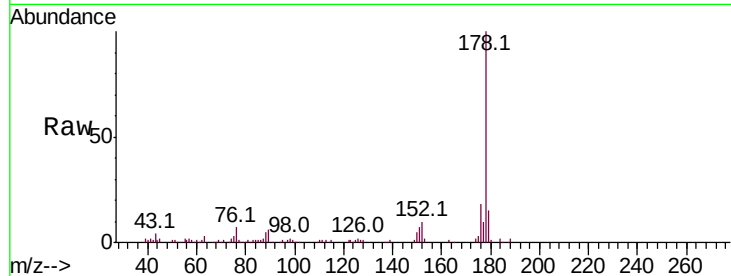
ClientSampleId :

EP1-Q3-A1

Tot Ion:	178	Resp:	92671
Ion Ratio	Lower	Upper	
178	100		
176	17.8	15.8	23.8
179	14.7	13.0	19.6

Manual Integrations
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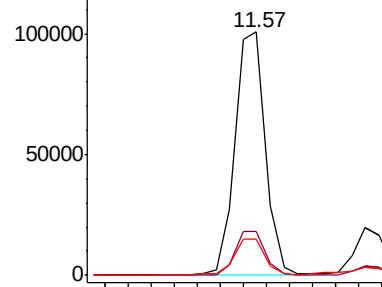
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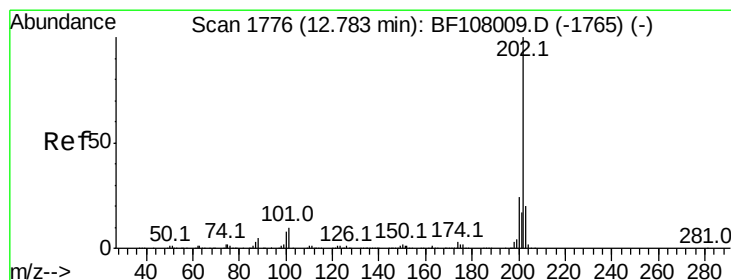
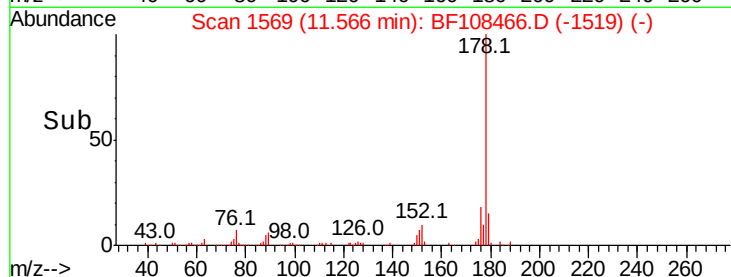
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#74

Fluoranthene

Concen: 5.176 ng

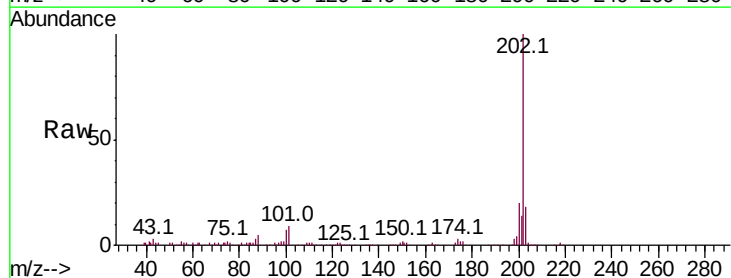
RT: 12.76 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF108466.D

Acq: 24 Aug 2018 16:31

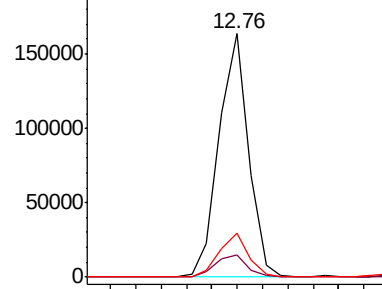
Tgt Ion:	202	Resp:	133270
Ion Ratio	Lower	Upper	
202	100		
101	9.1	0.0	34.1
203	17.9	0.0	38.1



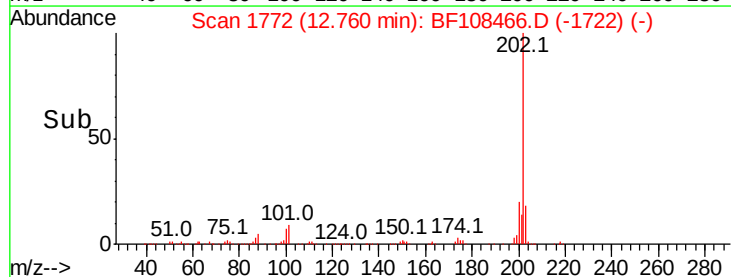
Abundance Ion 202.00 (201.70 to 202.70): E

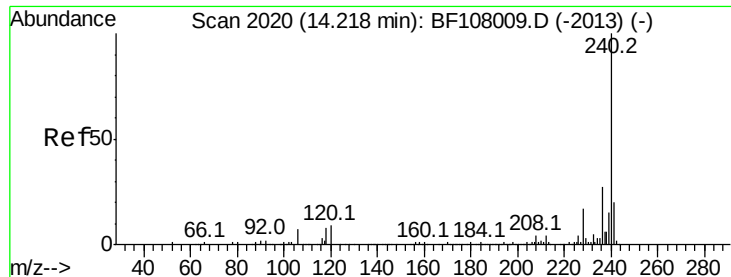
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108466.D

Acq: 24 Aug 2018 16:31

Instrument :

BNA_F

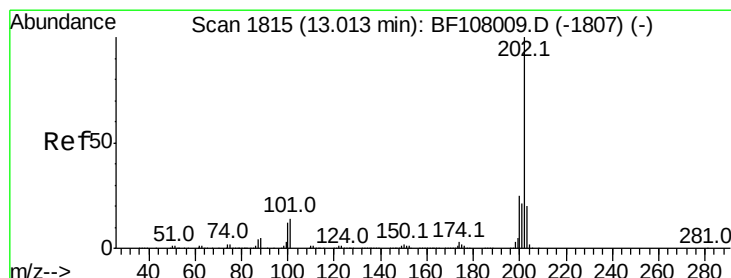
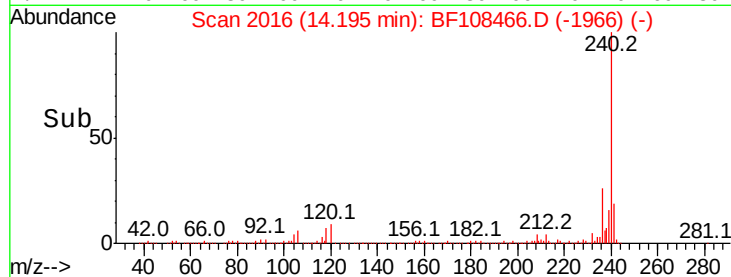
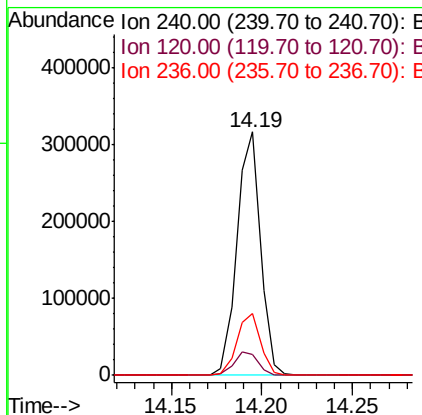
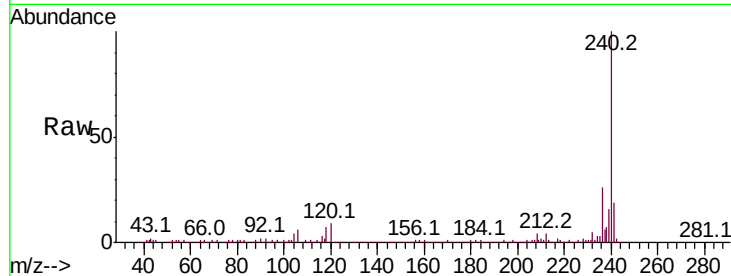
ClientSampleId :

EP1-Q3-A1

Tot Ion	Ratio	Resp	Lower	Upper
240	100	287432		
120	8.6	9.5	14.3	
236	25.5	20.7	31.1	

Manual Integrations
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#77

Pyrene

Concen: 6.232 ng

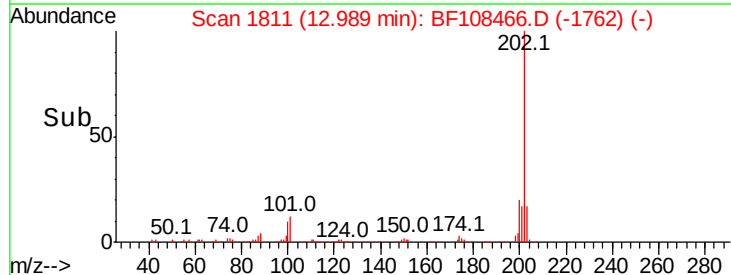
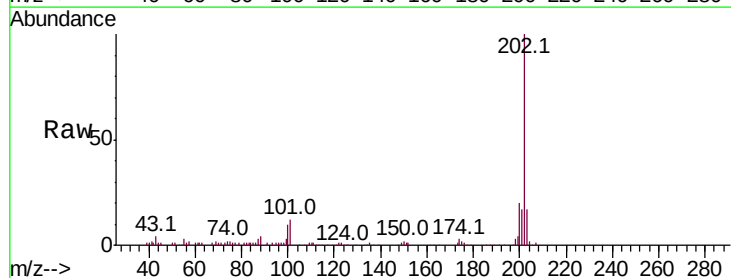
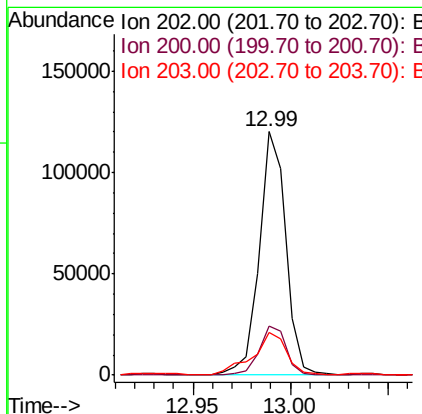
RT: 12.99 min Scan# 1811

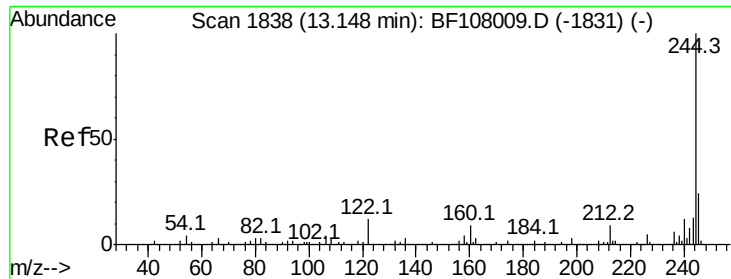
Delta R.T. -0.01 min

Lab File: BF108466.D

Acq: 24 Aug 2018 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	113405		
200	20.3	17.4	26.2	
203	17.4	14.3	21.5	





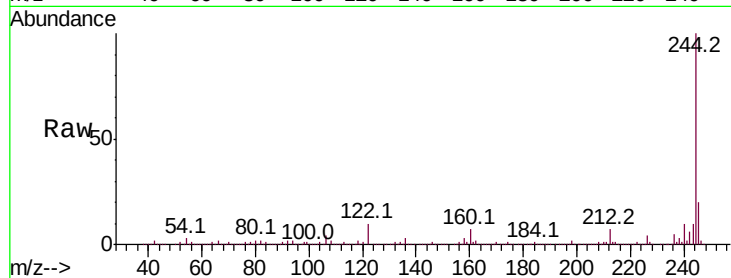
#78
 Terphenyl-d14
 Concen: 82.049 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108466.D
 Acq: 24 Aug 2018 16:31

Instrument :
 BNA_F
 ClientSampled :
 EP1-Q3-A1

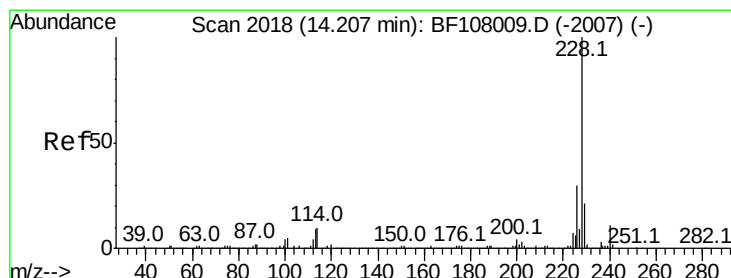
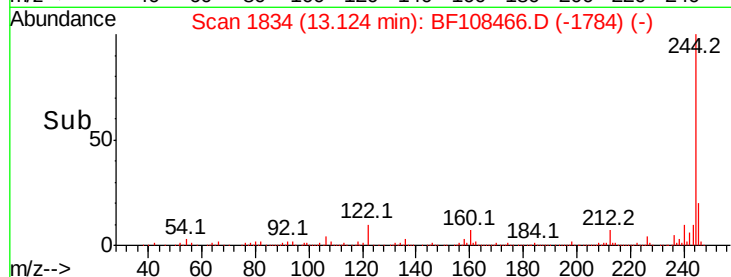
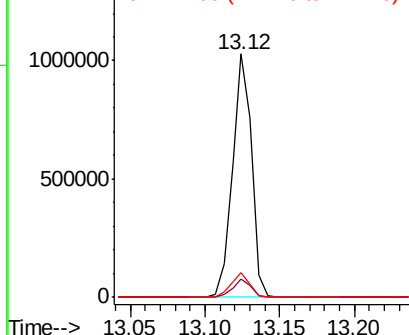
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	10.1	11.0	16.4

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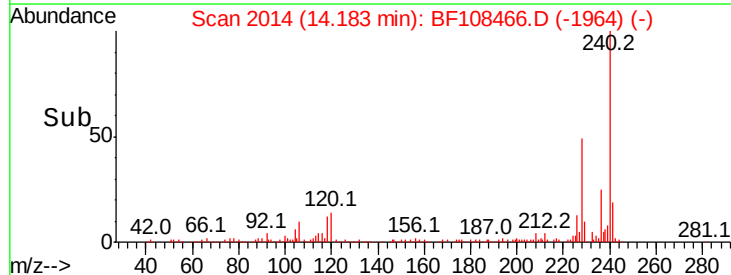
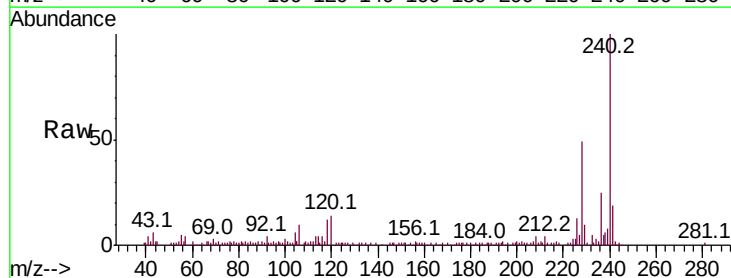
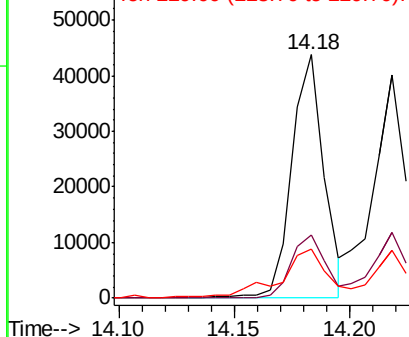
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

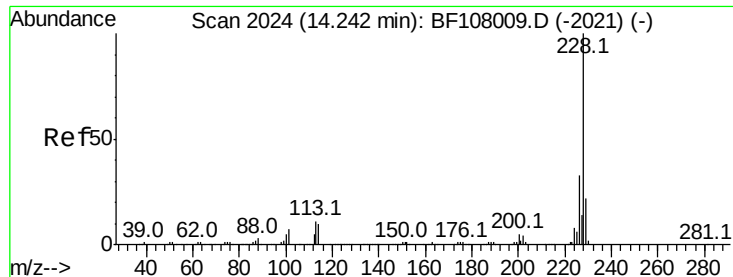


#80
 Benzo(a)anthracene
 Concen: 2.568 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF108466.D
 Acq: 24 Aug 2018 16:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.1	22.6	33.8
229	20.3	15.8	23.6

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





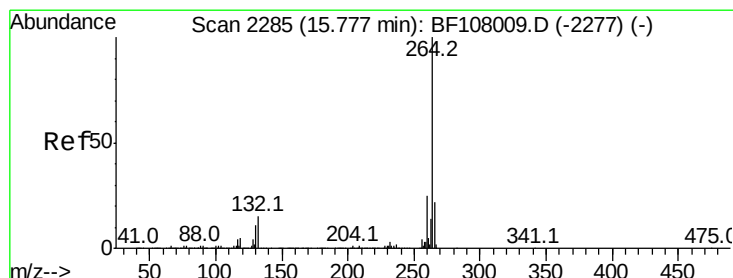
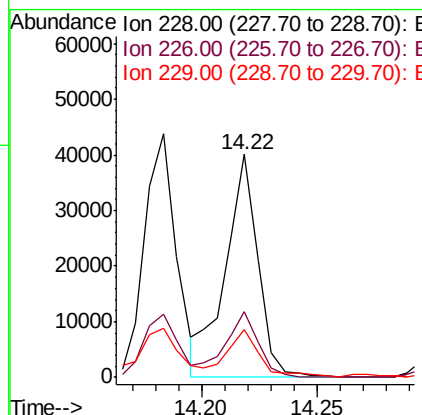
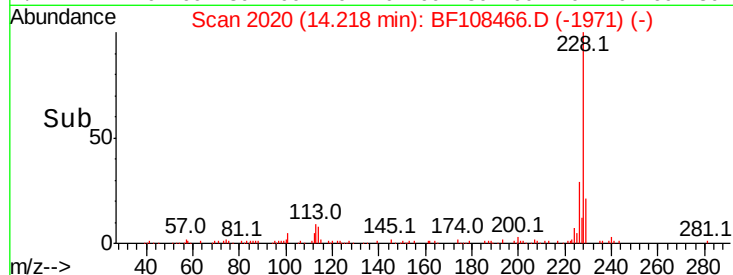
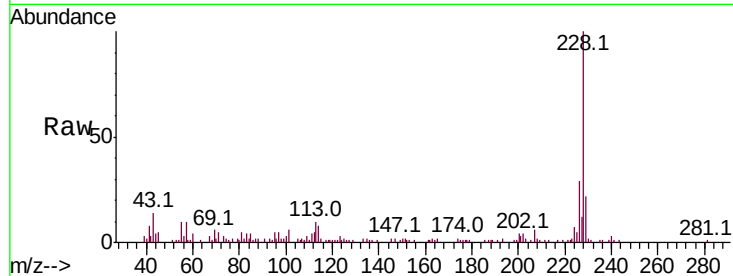
#82
Chrysene
Concen: 2.632 ng/ml
RT: 14.22 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF108466.D
Acq: 24 Aug 2018 16:31

Instrument :
BNA_F
ClientSampled :
EP1-Q3-A1

Tot Ion	Ratio	Resp	Lower	Upper
228	100			
226	29.4	25.0	37.6	
229	21.7	16.2	24.4	

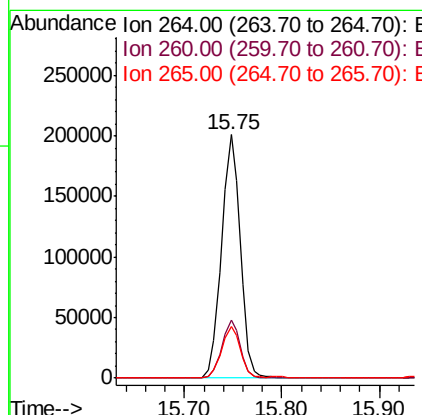
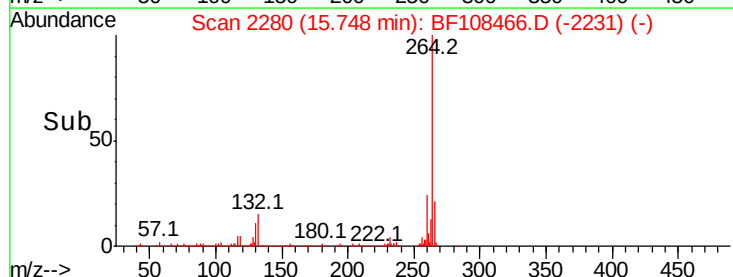
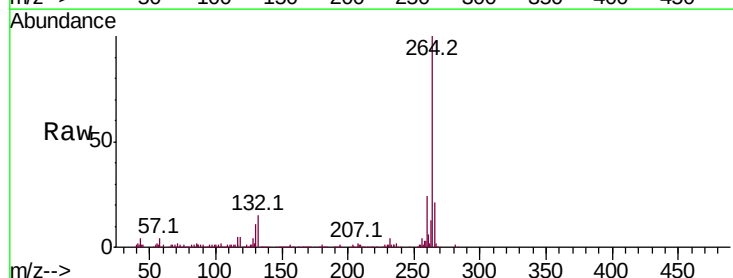
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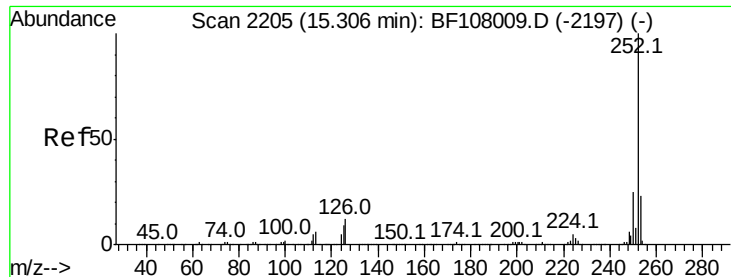
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108466.D
Acq: 24 Aug 2018 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.7	19.2	28.8	
265	21.2	17.5	26.3	





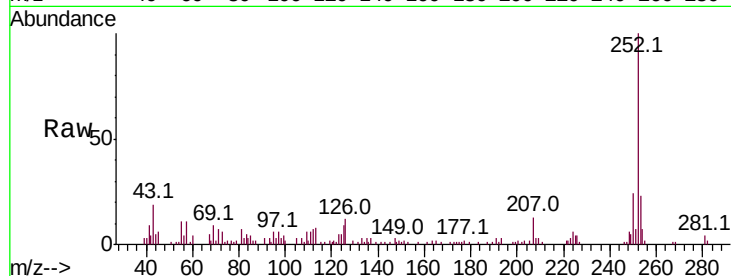
#87
Benzo(b)fluoranthene
Concen: 2.885 ng m
RT: 15.28 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF108466.D
Acq: 24 Aug 2018 16:31

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-A1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	8.8	9.0	13.6

Manual Integrations
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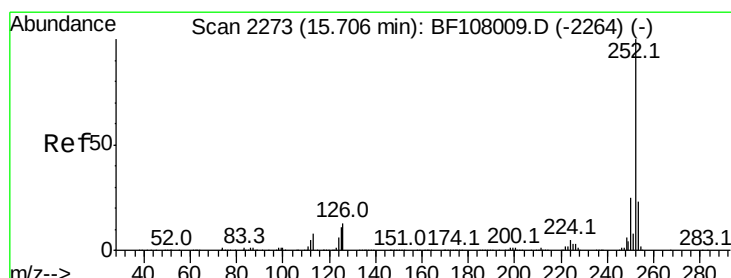
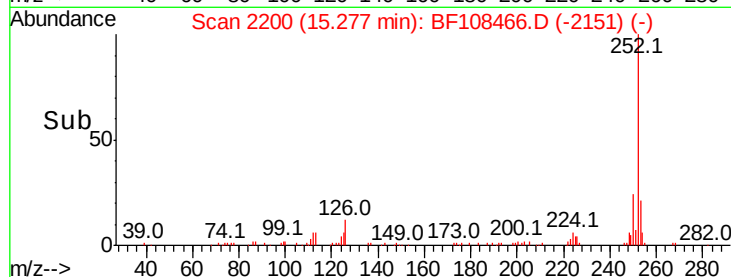
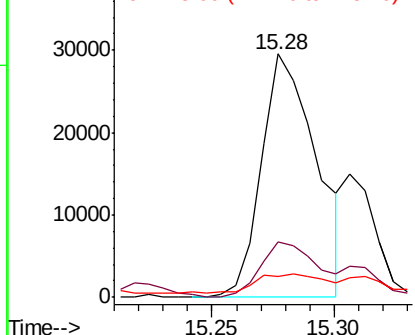


Abundance

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



#89
Benzo(a)pyrene
Concen: 2.360 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF108466.D
Acq: 24 Aug 2018 16:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.1	25.7
125	10.8	9.8	14.6

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

