

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
 Data File : BF109196.D
 Acq On : 20 Sep 2018 21:46
 Operator : JU/SJ
 Sample : J5002-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BACKFILL-12TH-AVE

Manual Integrations
 APPROVED

Sohil
 9/21/2018 10:38:00 AM

Quant Time: Sep 21 07:56:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	78237	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	343482	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	157582	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	270207	20.00	ng	0.00
75) Chrysene-d12	13.85	240	175591	20.00	ng	0.00
86) Perylene-d12	15.26	264	199229	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	376363	79.90	ng	0.00
7) Phenol-d6	6.35	99	414108	68.18	ng	0.00
23) Nitrobenzene-d5	7.28	82	321876	52.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	86638	50.66	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	562758	55.95	ng	0.00
78) Terphenyl-d14	12.81	244	387010	52.24	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	199494	17.712	ng	98
70) Phenanthrene	11.25	178	196468	14.833	ng	99
71) Anthracene	11.30	178	60951	4.539	ng	98
74) Fluoranthene	12.43	202	155592	11.127	ng	96
77) Pyrene	12.66	202	154649	11.857	ng	100
80) Benzo(a)anthracene	13.84	228	64967	6.111	ng	98
82) Chrysene	13.88	228	66656	6.267	ng	98
85) Indeno(1,2,3-cd)pyrene	16.60	276	32808	3.858	ng	# 90
87) Benzo(b)fluoranthene	14.86	252	62759m	5.694	ng	
88) Benzo(k)fluoranthene	14.88	252	24333m	2.364	ng	
89) Benzo(a)pyrene	15.19	252	53887	5.505	ng	97
91) Benzo(a,h,i)perylene	17.01	276	30026	3.652	ng	# 94

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

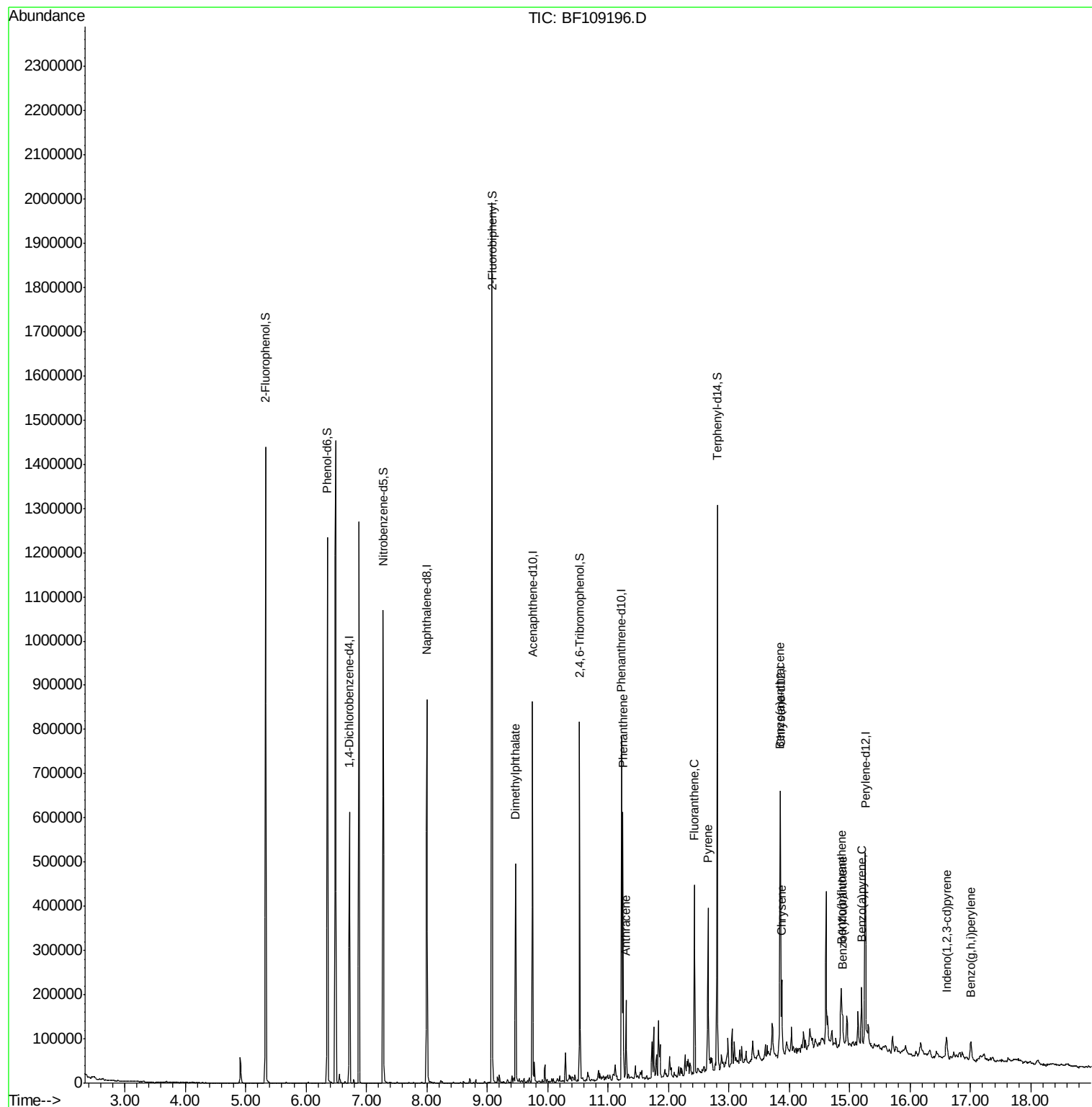
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
Data File : BF109196.D
Acq On : 20 Sep 2018 21:46
Operator : JU/SJ
Sample : J5002-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

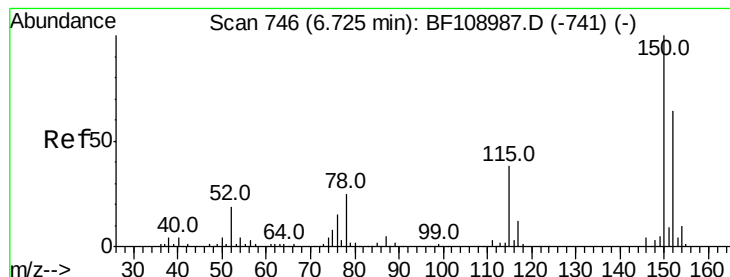
Instrument :
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BACKFILL-12TH-AVE

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

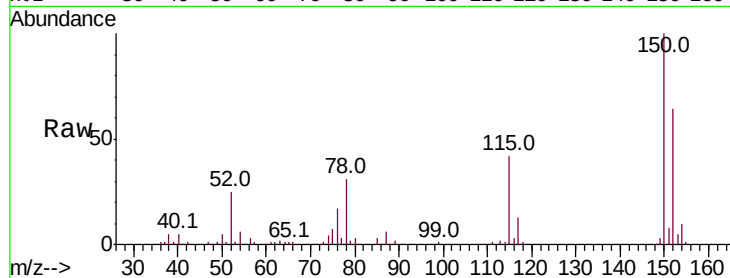
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109196.D
Acq: 20 Sep 2018 21:46

Instrument :
BNA_F
ClientSampleId :
BACKFILL-12TH-AVE

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	66.6	50.1	75.1

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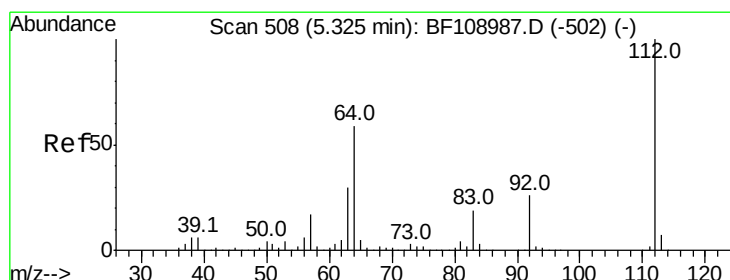
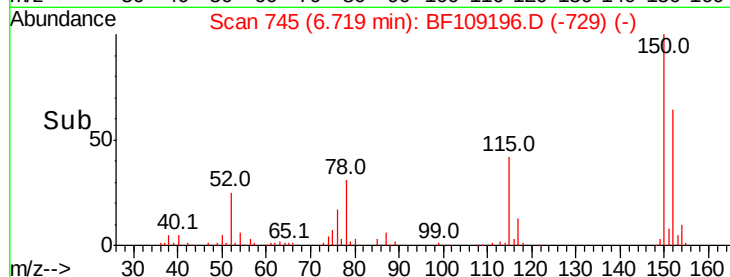
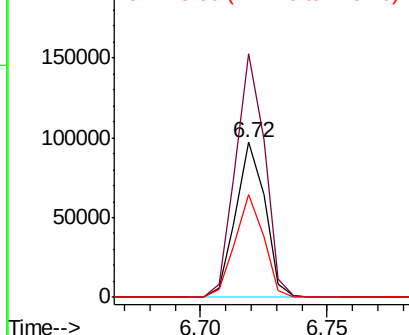


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

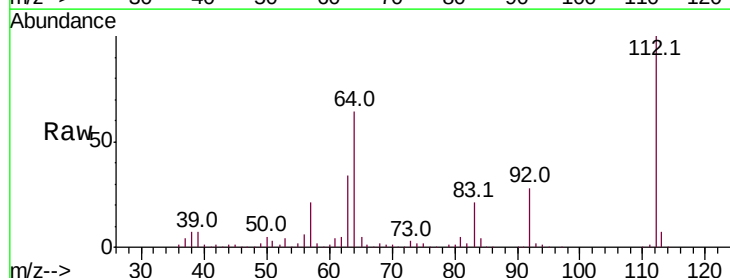
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 79.898 ng
RT: 5.33 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF109196.D
Acq: 20 Sep 2018 21:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	47.9	71.9
63	34.5	23.7	35.5

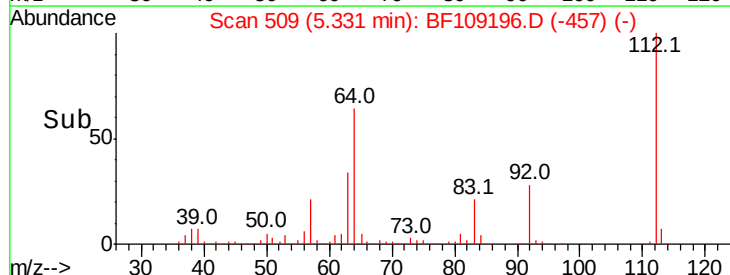
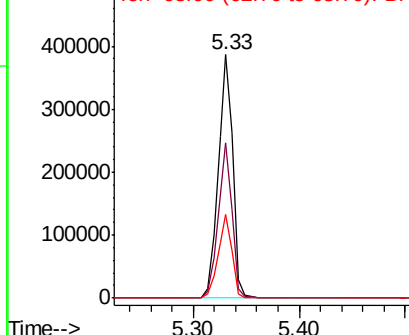


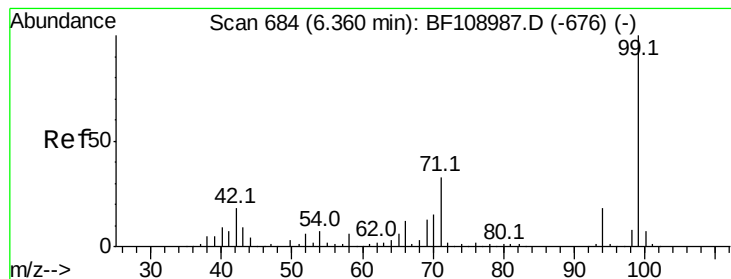
Abundance

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: 68.177 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109196.D

Acq: 20 Sep 2018 21:46

Instrument :

BNA_F

ClientSampleId :

BACKFILL-12TH-AVE

Tot Ion: 99 Resp: 414108

Ion Ratio Lower Upper

99 100

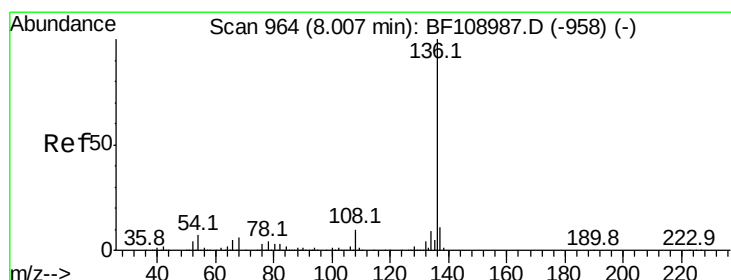
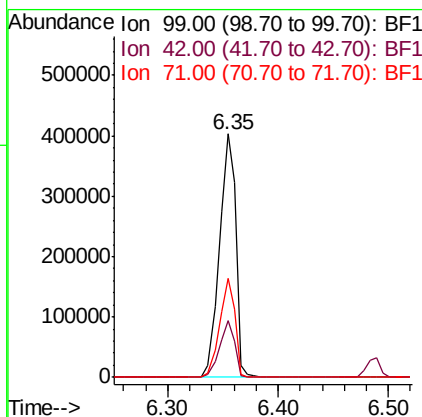
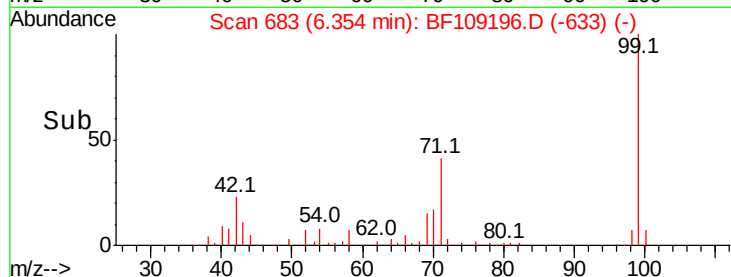
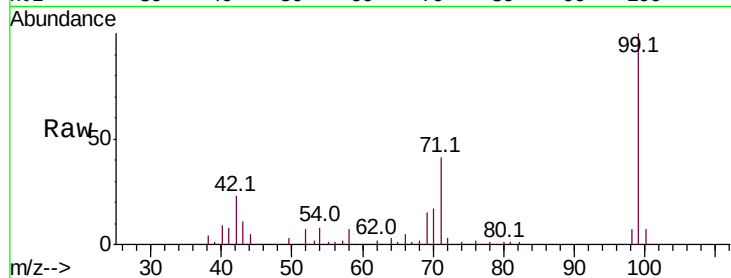
42 23.1 14.5 21.7#

71 40.9 25.4 38.0#

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109196.D

Acq: 20 Sep 2018 21:46

Tgt Ion: 136 Resp: 343482

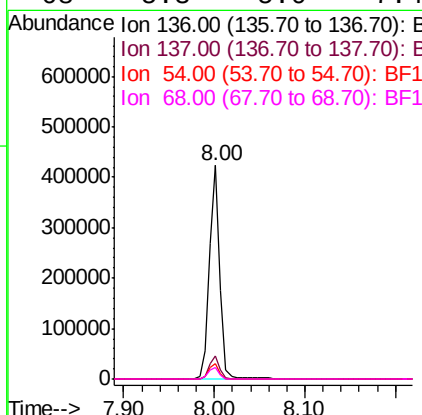
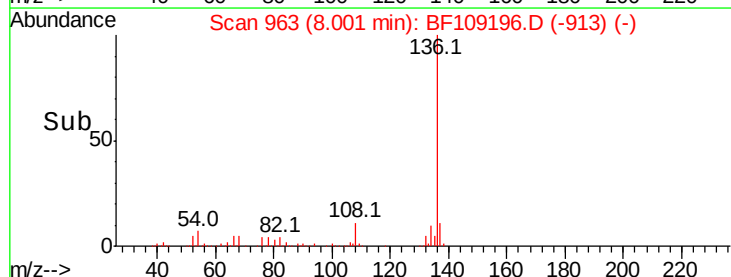
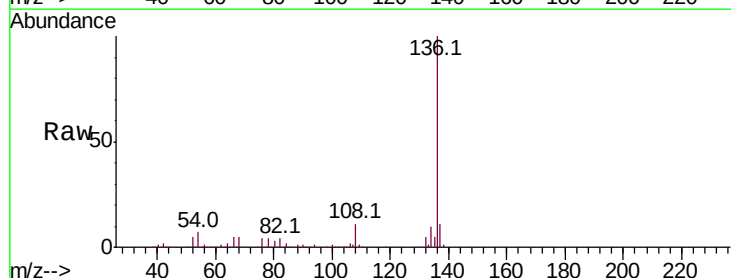
Ion Ratio Lower Upper

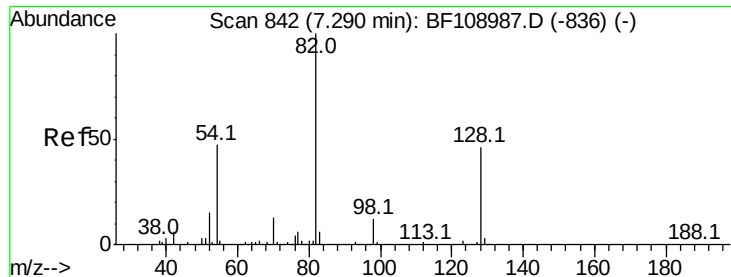
136 100

137 11.0 8.9 13.3

54 7.2 6.6 9.8

68 5.3 5.0 7.4





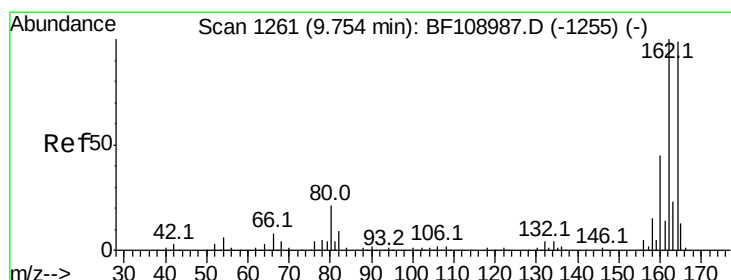
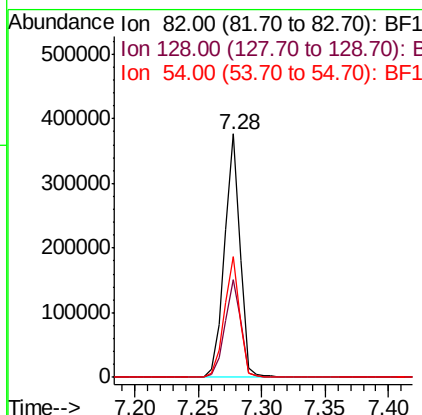
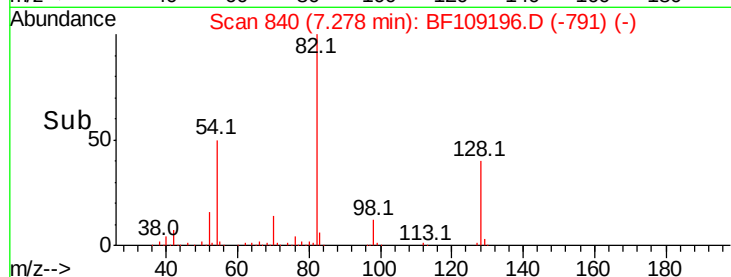
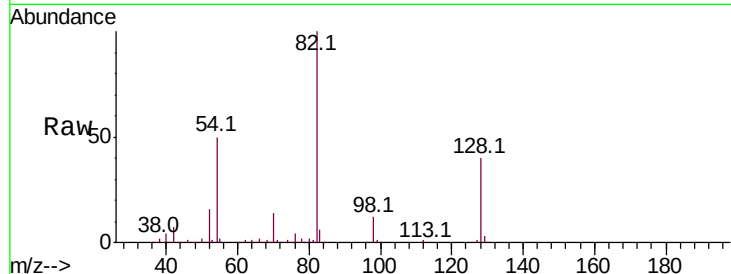
#23
Nitrobenzene-d5
Concen: 52.560 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109196.D
Acq: 20 Sep 2018 21:46

Instrument :
BNA_F
ClientSampleId :
BACKFILL-12TH-AVE

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.0	36.1	54.1
54	49.7	41.4	62.2

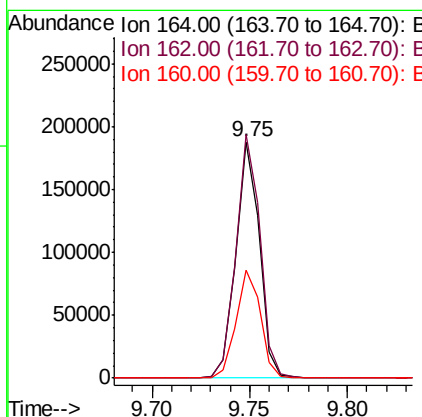
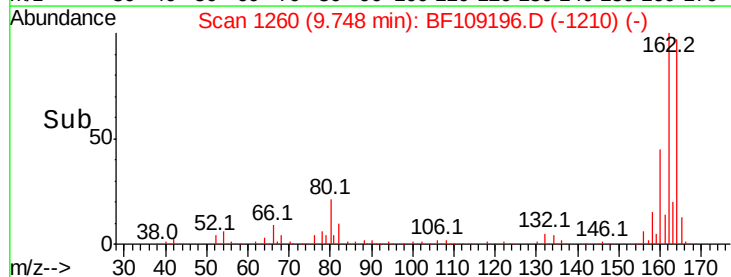
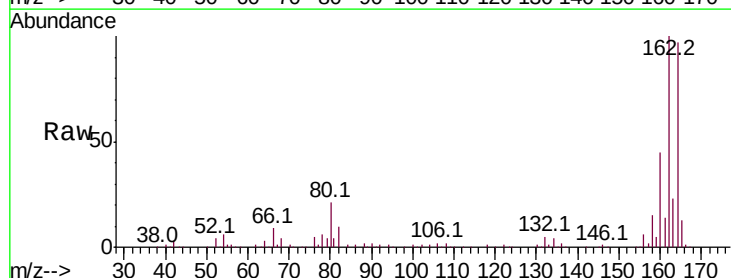
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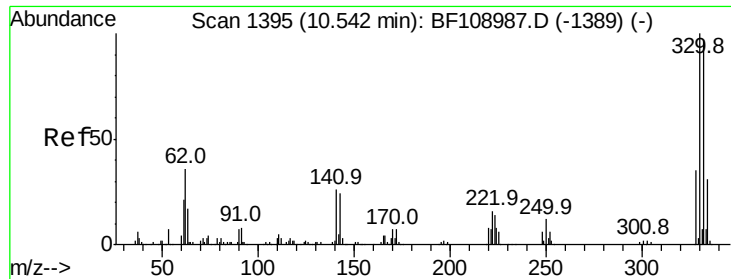
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109196.D
Acq: 20 Sep 2018 21:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	45.8	38.3	57.5





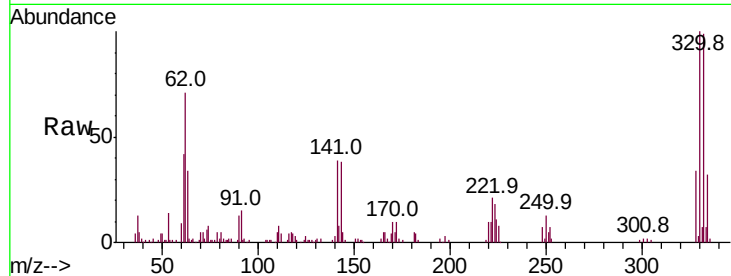
#41
 2,4,6-Tribromophenol
 Concen: 50.660 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109196.D
 Acq: 20 Sep 2018 21:46

Instrument :
 BNA_F
 ClientSampleId :
 BACKFILL-12TH-AVE

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	35.1	29.9	44.9

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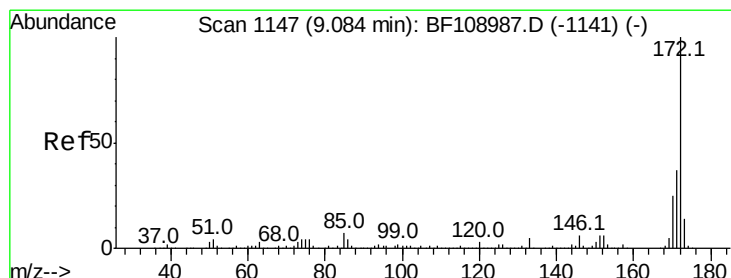
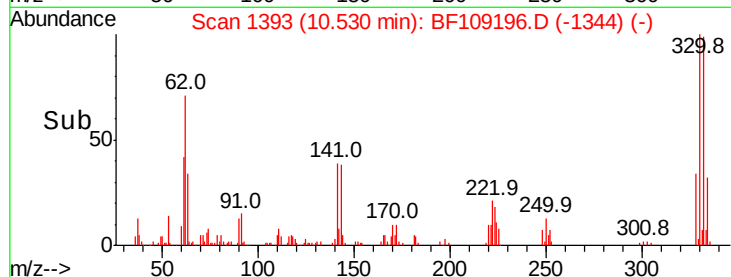
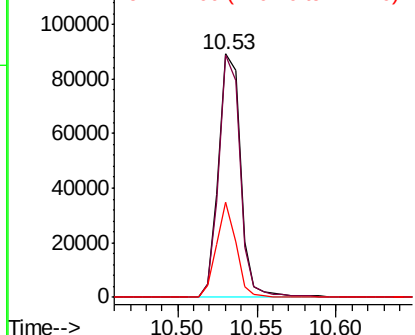


Abundance

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: 55.951 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109196.D
 Acq: 20 Sep 2018 21:46

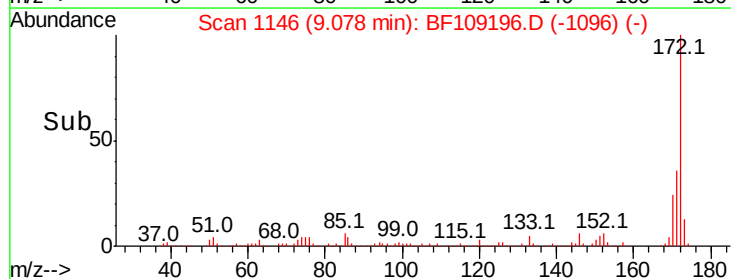
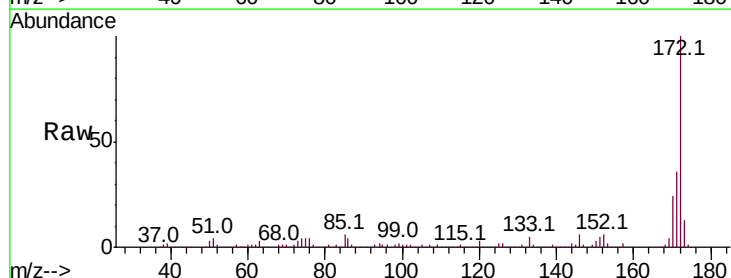
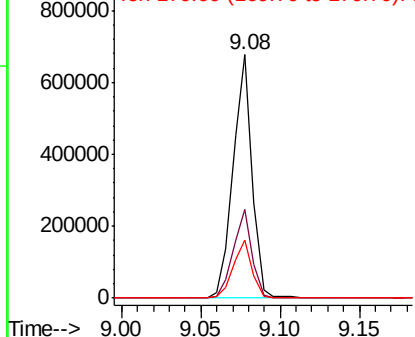
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.7	19.6	29.4

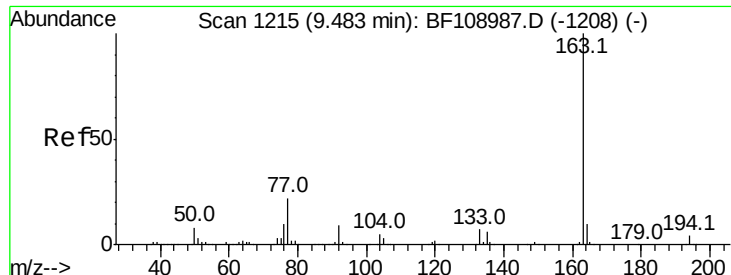
Abundance

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





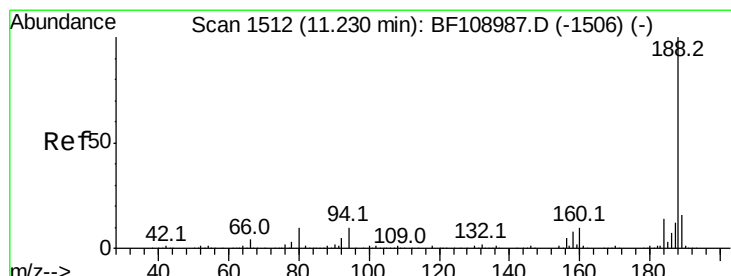
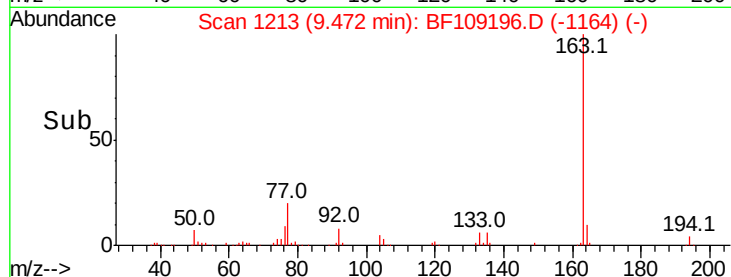
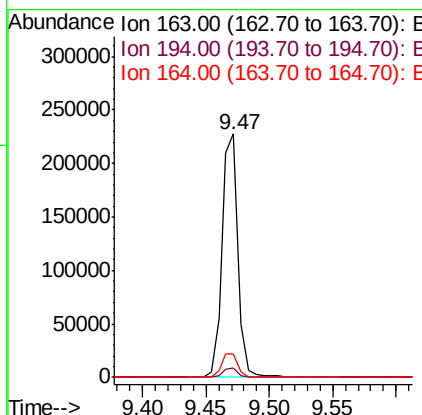
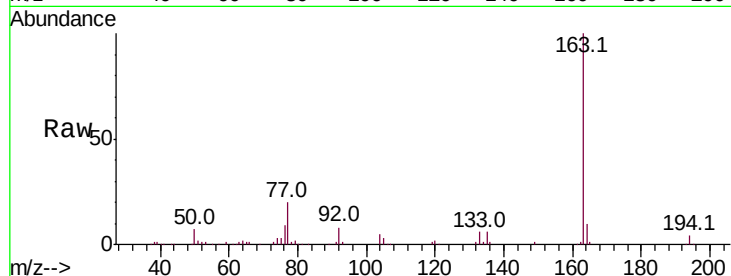
#49
Dimethylphthalate
Concen: 17.712 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109196.D
Acq: 20 Sep 2018 21:46

Instrument :
BNA_F
ClientSampleId :
BACKFILL-12TH-AVE

Tot Ion	Ratio	Resp	Lower	Upper
163	100	199494		
194	3.9	2.7	4.1	
164	9.5	8.2	12.2	

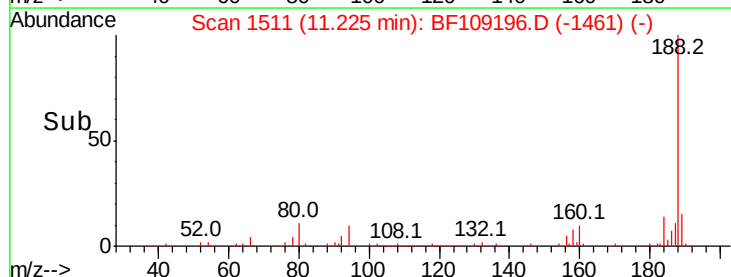
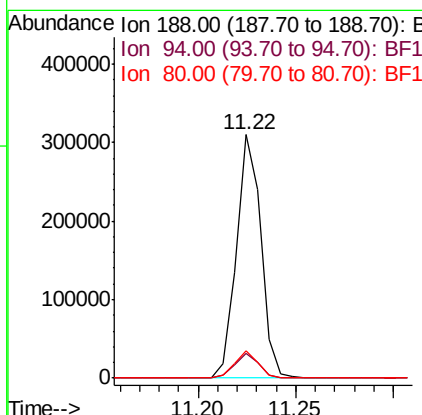
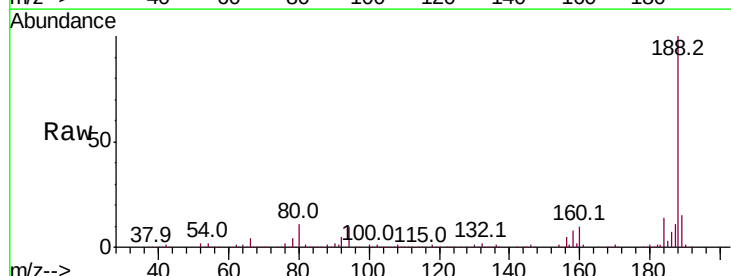
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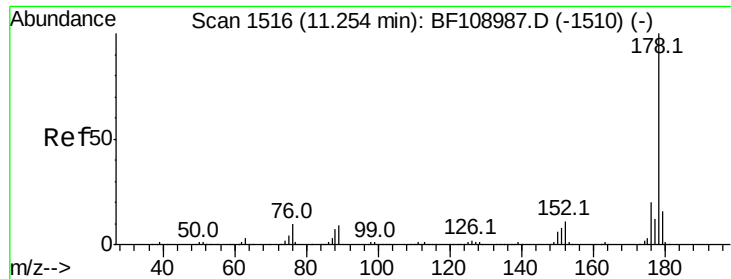
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109196.D
Acq: 20 Sep 2018 21:46

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	270207		
94	10.0	8.5	12.7	
80	11.0	9.2	13.8	





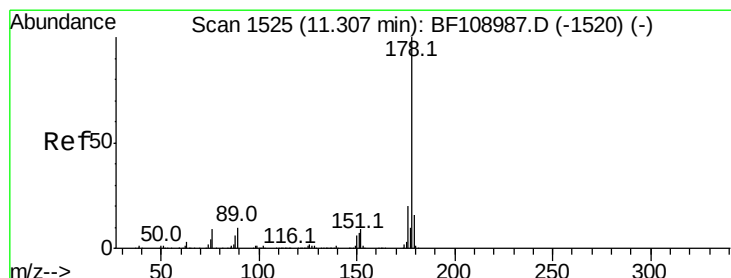
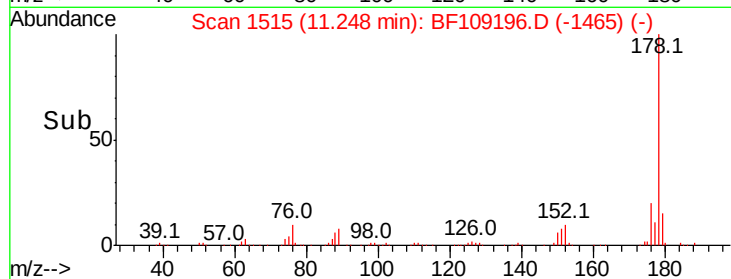
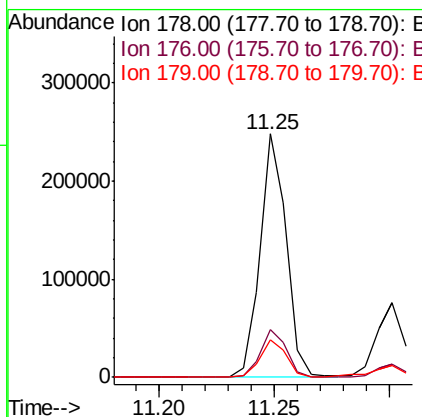
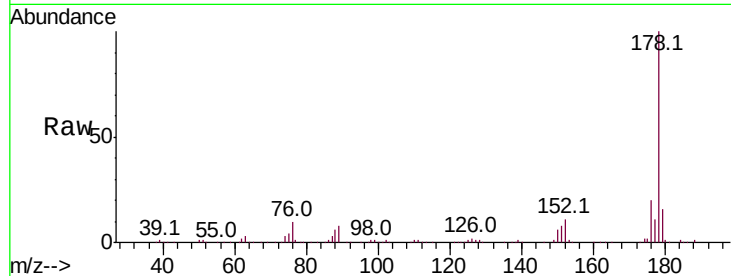
#70
Phenanthrene
Concen: 14.833 ng
RT: 11.25 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF109196.D
Acq: 20 Sep 2018 21:46

Instrument :
BNA_F
ClientSampleId :
BACKFILL-12TH-AVE

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.7	13.0	19.6

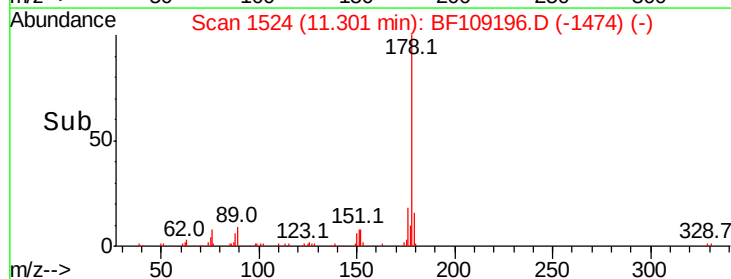
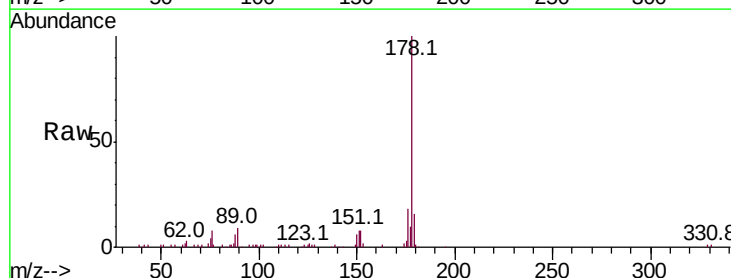
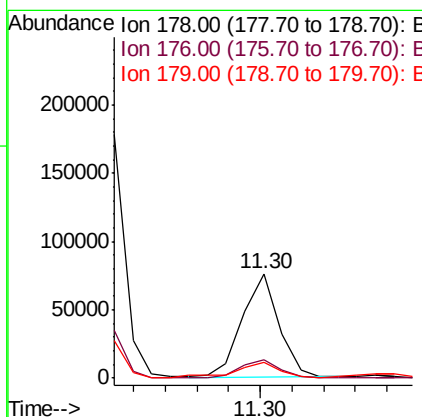
Manual Integrations
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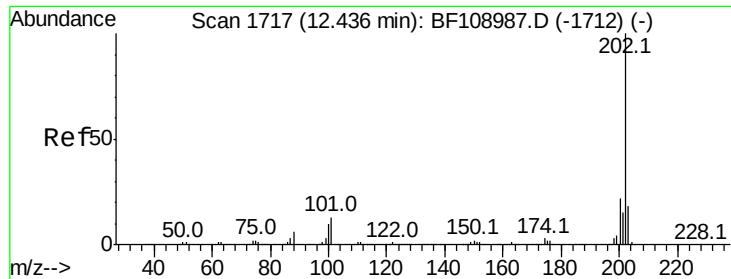
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9/21/2018 10:38:00 AM



#71
Anthracene
Concen: 4.539 ng
RT: 11.30 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF109196.D
Acq: 20 Sep 2018 21:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.2
179	15.6	12.6	19.0





#74

Fluoranthene

Concen: 11.127 ng

RT: 12.43 min Scan# 1716

Delta R.T. -0.01 min

Lab File: BF109196.D

Acq: 20 Sep 2018 21:46

Instrument :

BNA_F

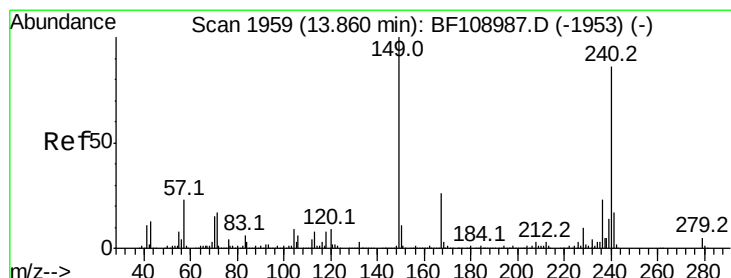
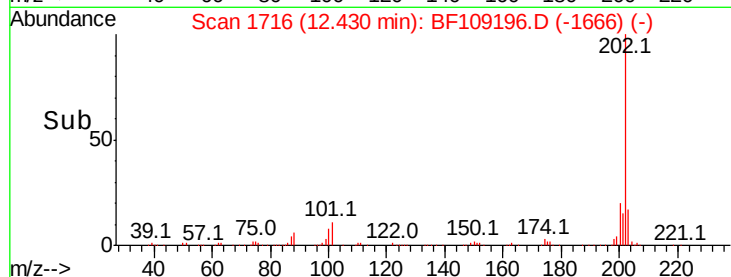
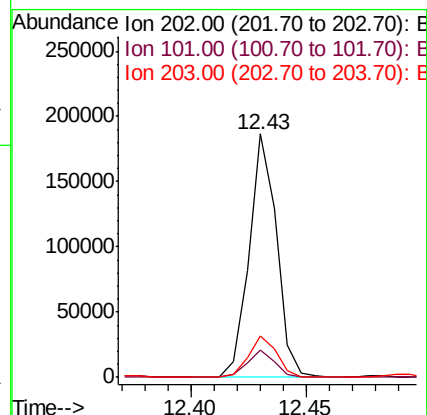
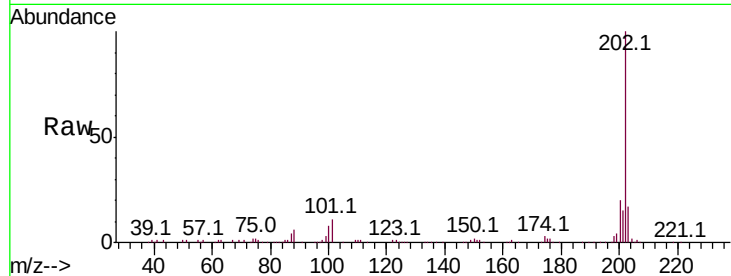
ClientSampleId :

BACKFILL-12TH-AVE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.4	0.0	34.1
203	17.2	0.0	38.1

Manual Integrations
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9/21/2018 10:38:00 AM



#75

Chrysene-d12

Concen: 20.000 ng

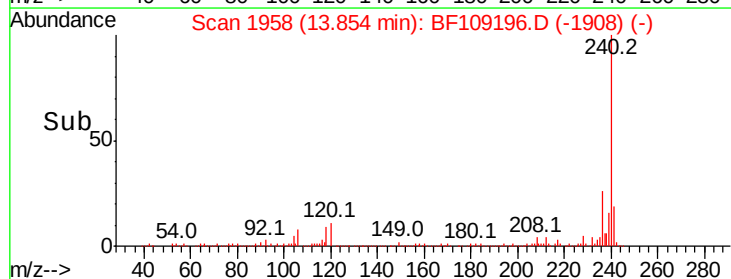
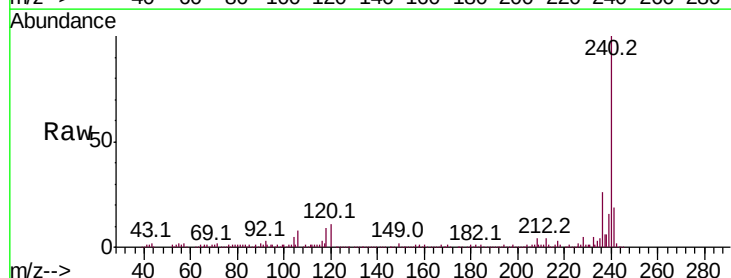
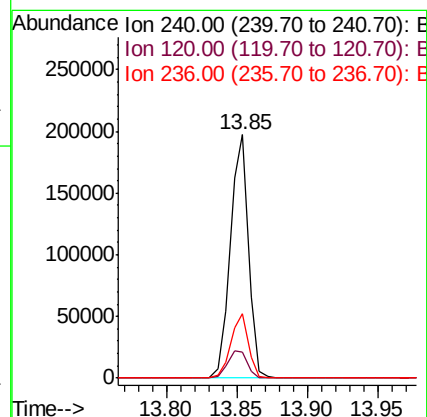
RT: 13.85 min Scan# 1958

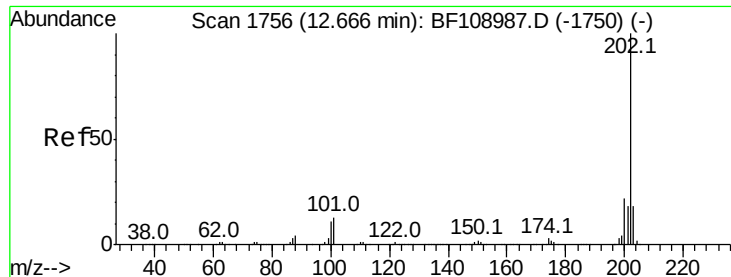
Delta R.T. -0.01 min

Lab File: BF109196.D

Acq: 20 Sep 2018 21:46

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.6	9.5	14.3
236	26.3	20.7	31.1





#77

Pvrene

Concen: 11.857 ng

RT: 12.66 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF109196.D

Acq: 20 Sep 2018 21:46

Instrument :

BNA_F

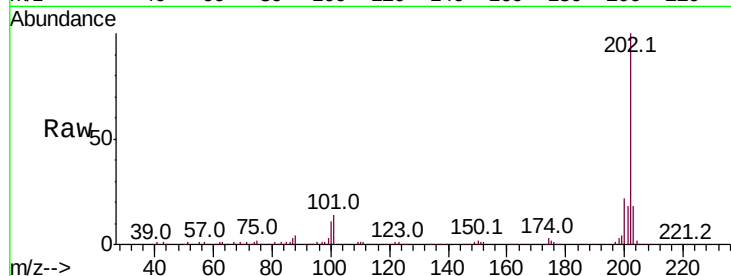
ClientSampleId :

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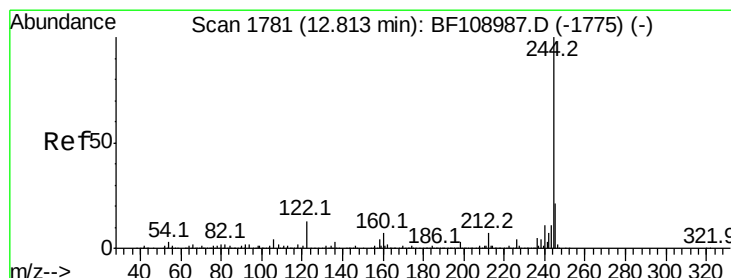
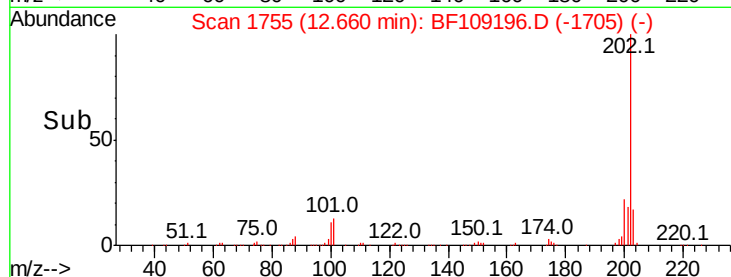
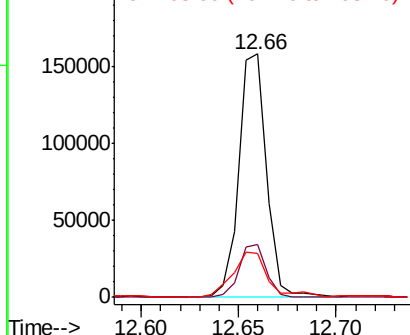
Tot Ion:	202	Resp:	154649
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.4	26.2
203	18.0	14.3	21.5

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9/21/2018 10:38:00 AM



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: 52.242 ng

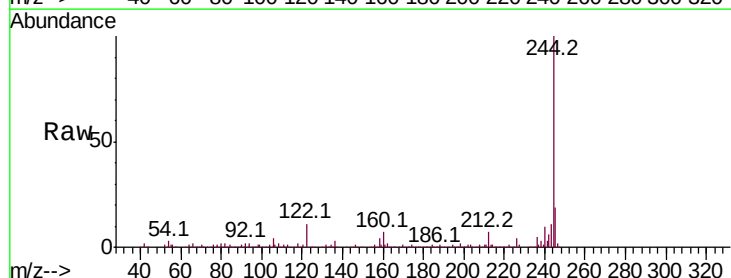
RT: 12.81 min Scan# 1780

Delta R.T. -0.01 min

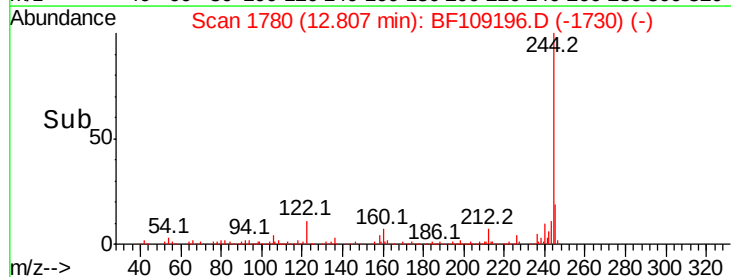
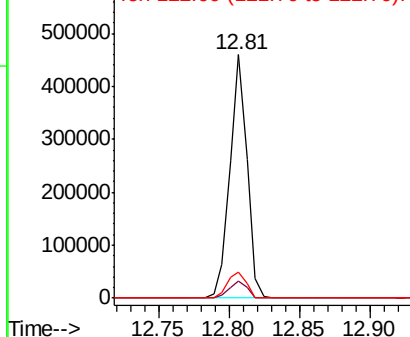
Lab File: BF109196.D

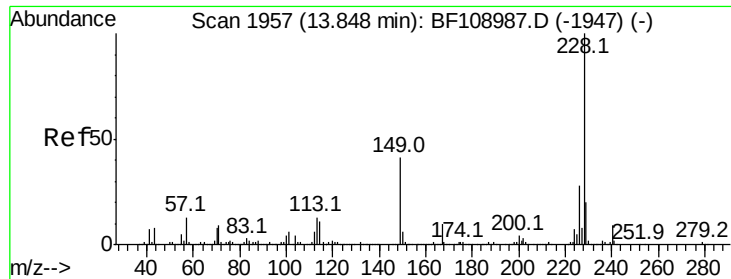
Acq: 20 Sep 2018 21:46

Tgt Ion:	244	Resp:	387010
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.4	8.0
122	10.9	11.0	16.4#



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





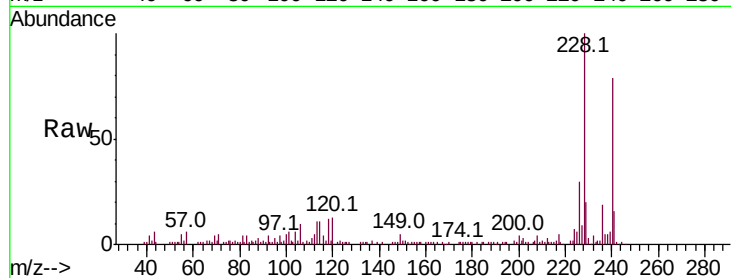
#80
Benzo(a)anthracene
Concen: 6.111 ng
RT: 13.84 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BF109196.D
Acq: 20 Sep 2018 21:46

Instrument :
BNA_F
ClientSampleId :
BACKFILL-12TH-AVE

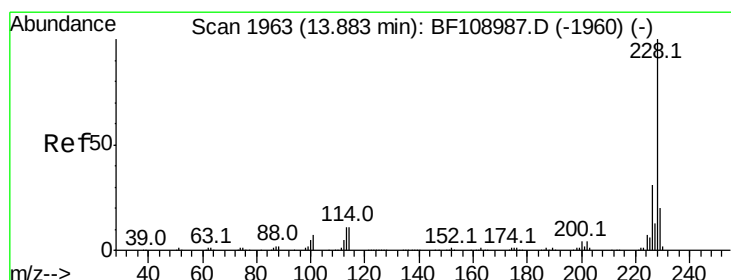
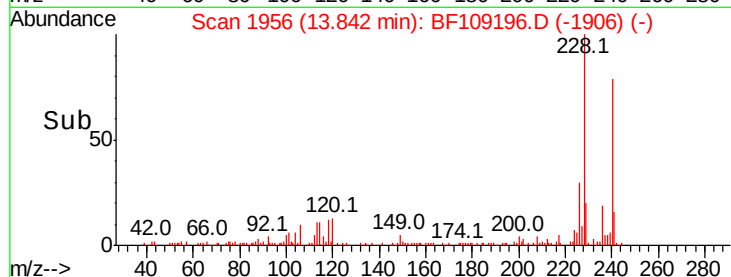
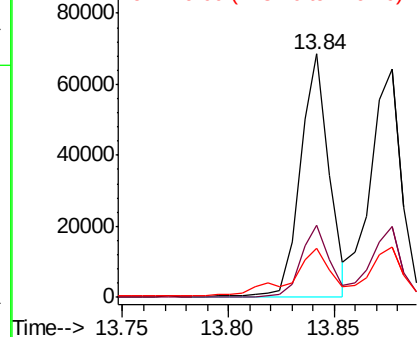
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	33.8
229	20.2	15.8	23.6

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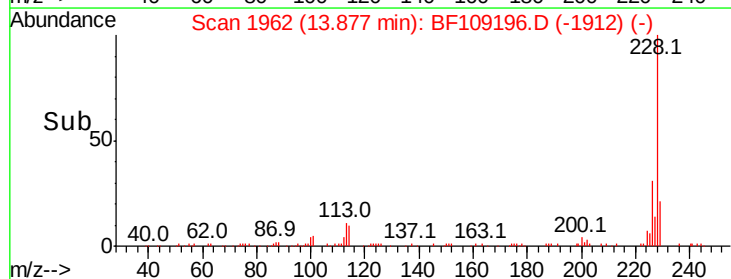
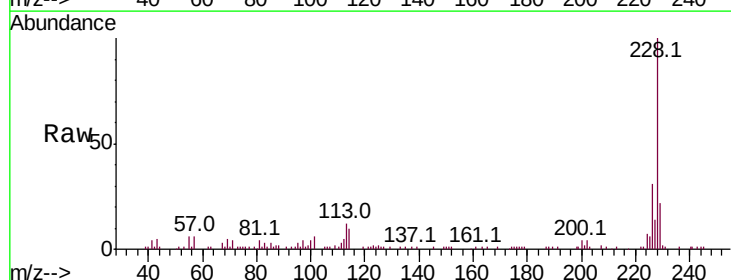
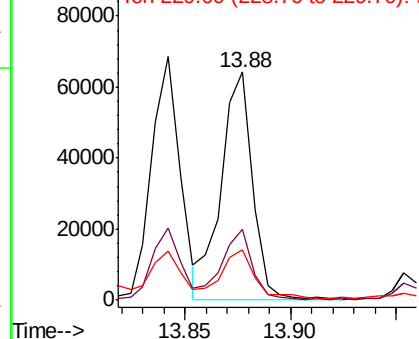
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

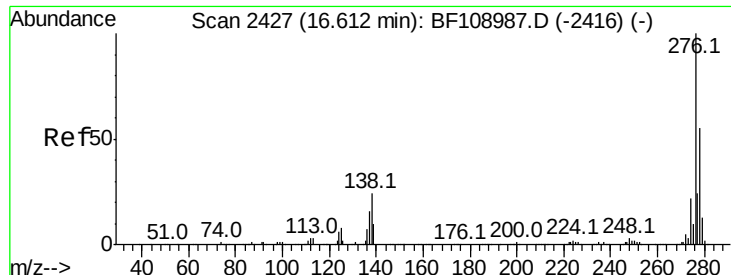


#82
Chrysene
Concen: 6.267 ng
RT: 13.88 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BF109196.D
Acq: 20 Sep 2018 21:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	22.4	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





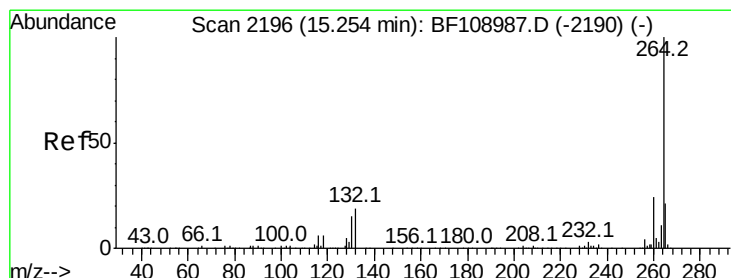
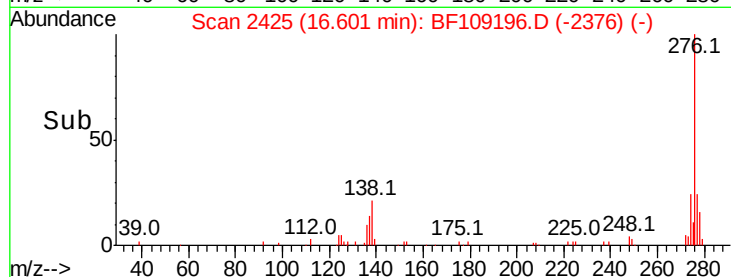
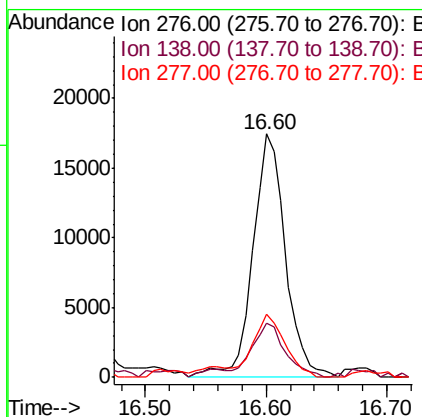
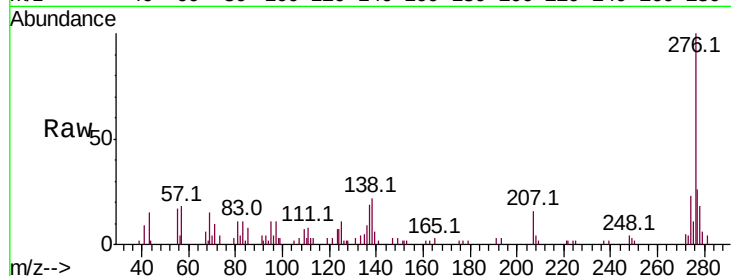
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.858 ng
RT: 16.60 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BF109196.D
Acq: 20 Sep 2018 21:46

Instrument :
BNA_F
ClientSampleId :
BACKFILL-12TH-AVE

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.5	25.0	37.6#
277	26.1	20.1	30.1

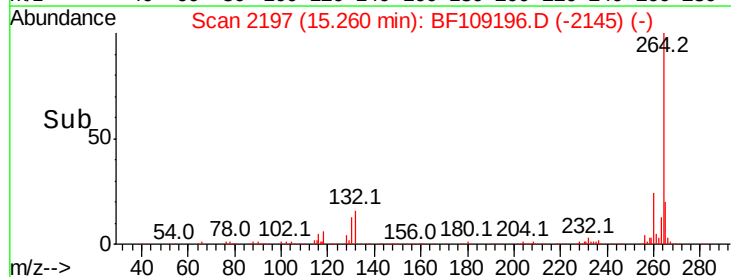
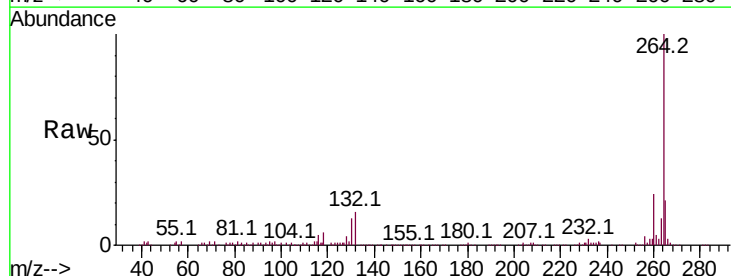
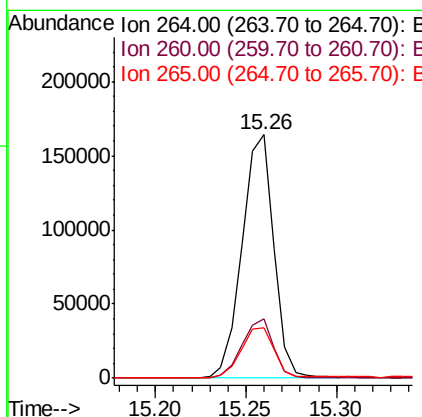
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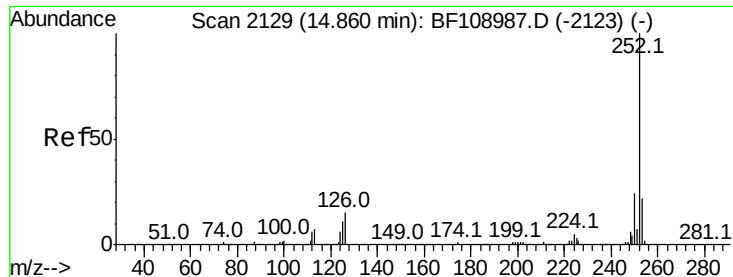
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9/21/2018 10:38:00 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF109196.D
Acq: 20 Sep 2018 21:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	20.6	17.5	26.3





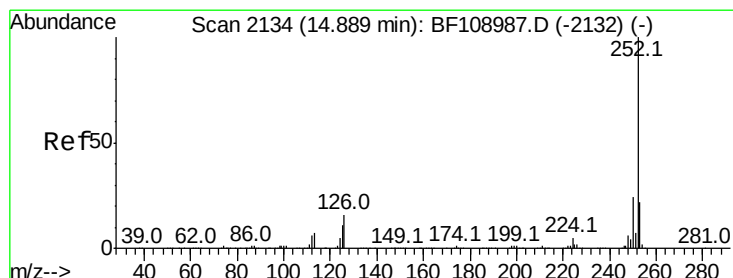
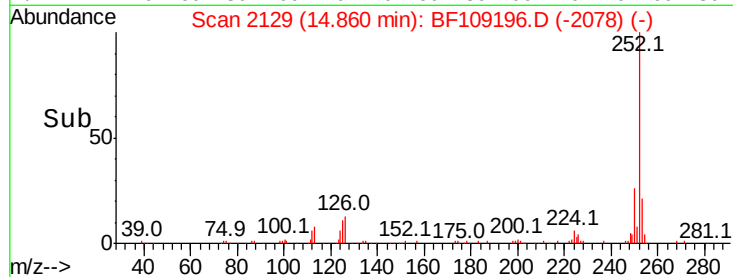
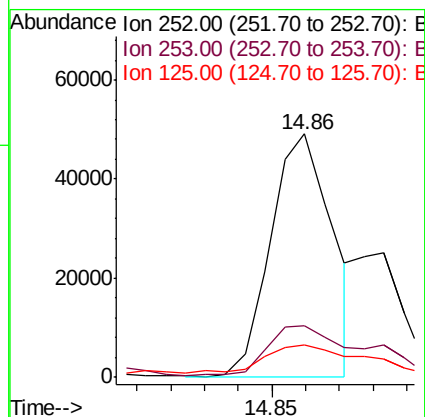
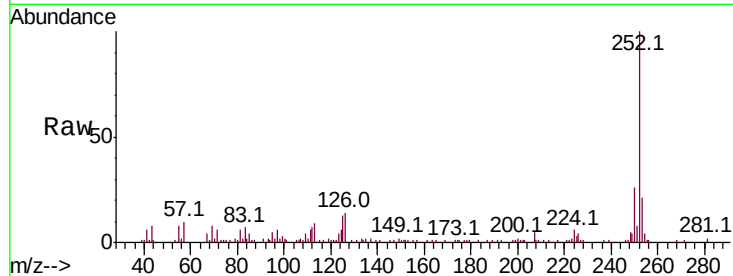
#87
Benzo(b)fluoranthene
Concen: 5.694 ng m
RT: 14.86 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BF109196.D
Acq: 20 Sep 2018 21:46

Instrument :
BNA_F
ClientSampleId :
BACKFILL-12TH-AVE

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.6
125	13.4	9.0	13.6

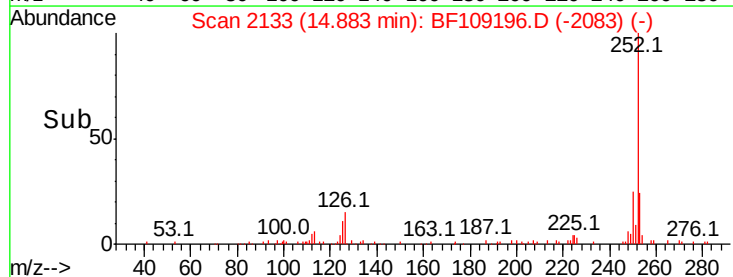
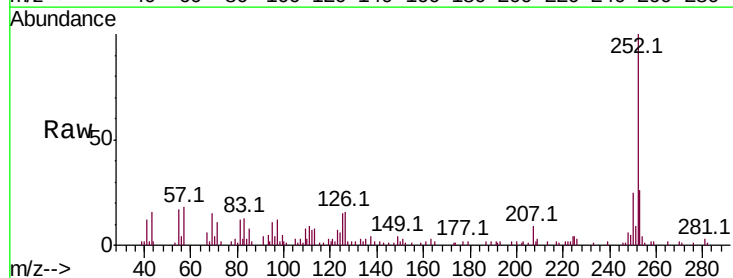
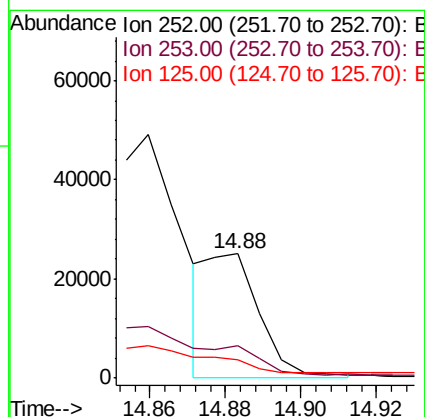
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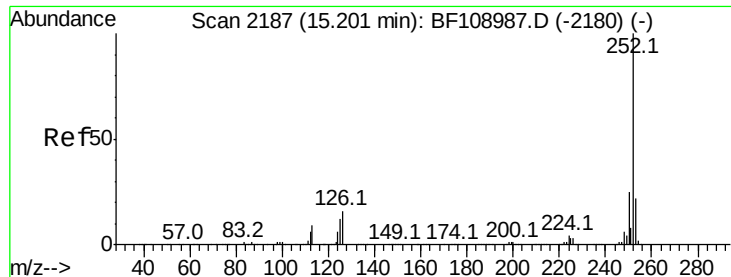
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9/21/2018 10:38:00 AM



#88
Benzo(k)fluoranthene
Concen: 2.364 ng m
RT: 14.88 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BF109196.D
Acq: 20 Sep 2018 21:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.9	26.9
125	15.3	10.2	15.2#





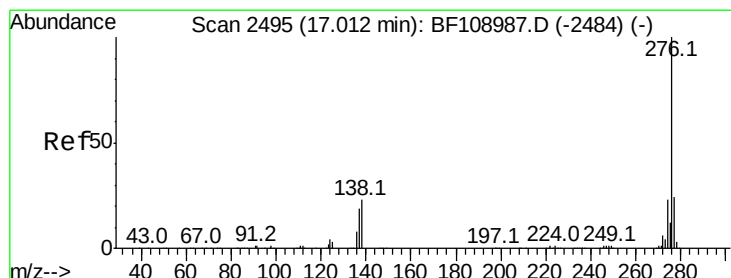
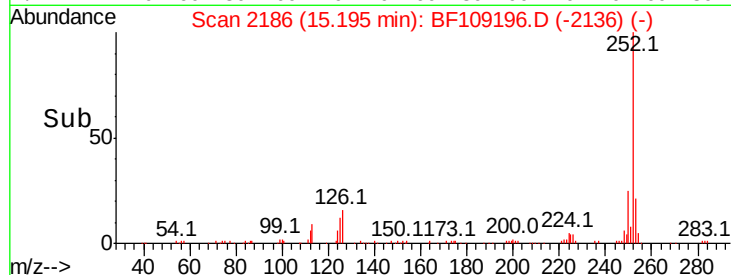
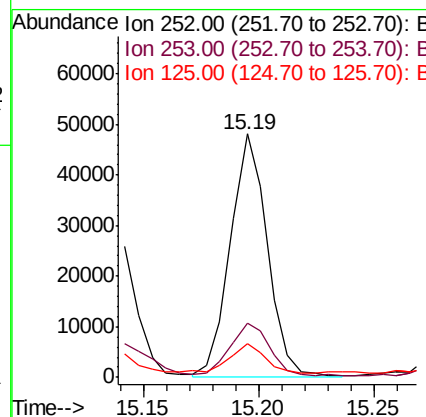
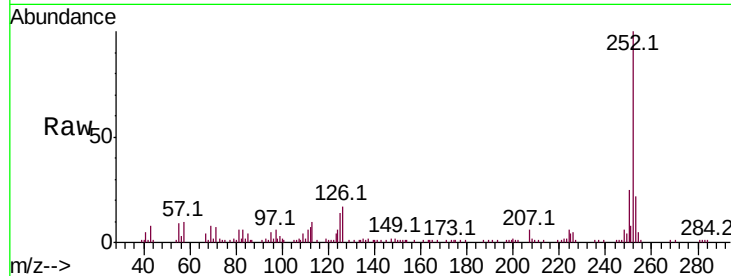
#89
Benzo(a)pyrene
Concen: 5.505 ng
RT: 15.19 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF109196.D
Acq: 20 Sep 2018 21:46

Instrument :
BNA_F
ClientSampleId :
BACKFILL-12TH-AVE

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	14.1	9.8	14.6

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#91
Benzo(g,h,i)perylene
Concen: 3.652 ng
RT: 17.01 min Scan# 2494
Delta R.T. -0.01 min
Lab File: BF109196.D
Acq: 20 Sep 2018 21:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.5	17.9	26.9#
138	25.7	21.8	32.8

