

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
 Data File : BF098461.D
 Acq On : 12 Sep 2017 20:19
 Operator : SJ/JU
 Sample : I5140-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75

Manual Integrations
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Sohil
 9/13/2017 5:00:08 PM

Quant Time: Sep 13 02:01:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	197286	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	770085	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	296347	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	464458	20.00	ng	-0.01
75) Chrysene-d12	13.81	240	358085	20.00	ng	0.00
86) Perylene-d12	15.21	264	266597	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	690013	51.71	ng	0.00
7) Phenol-d6	6.31	99	861972	50.88	ng	-0.01
23) Nitrobenzene-d5	7.23	82	508295	36.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	94159	47.61	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	727107	41.59	ng	-0.01
78) Terphenyl-d14	12.76	244	436392	26.30	ng	-0.01
Target Compounds						
31) Naphthalene	7.97	128	179125	4.705	ng	99
49) Dimethylphthalate	9.42	163	102618	4.473	ng	100
70) Phenanthrene	11.20	178	67943	2.759	ng	98
74) Fluoranthene	12.39	202	94584	3.837	ng	98
77) Pyrene	12.62	202	83706	2.963	ng	98
87) Benzo(b)fluoranthene	14.82	252	39556m	2.360	ng	

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

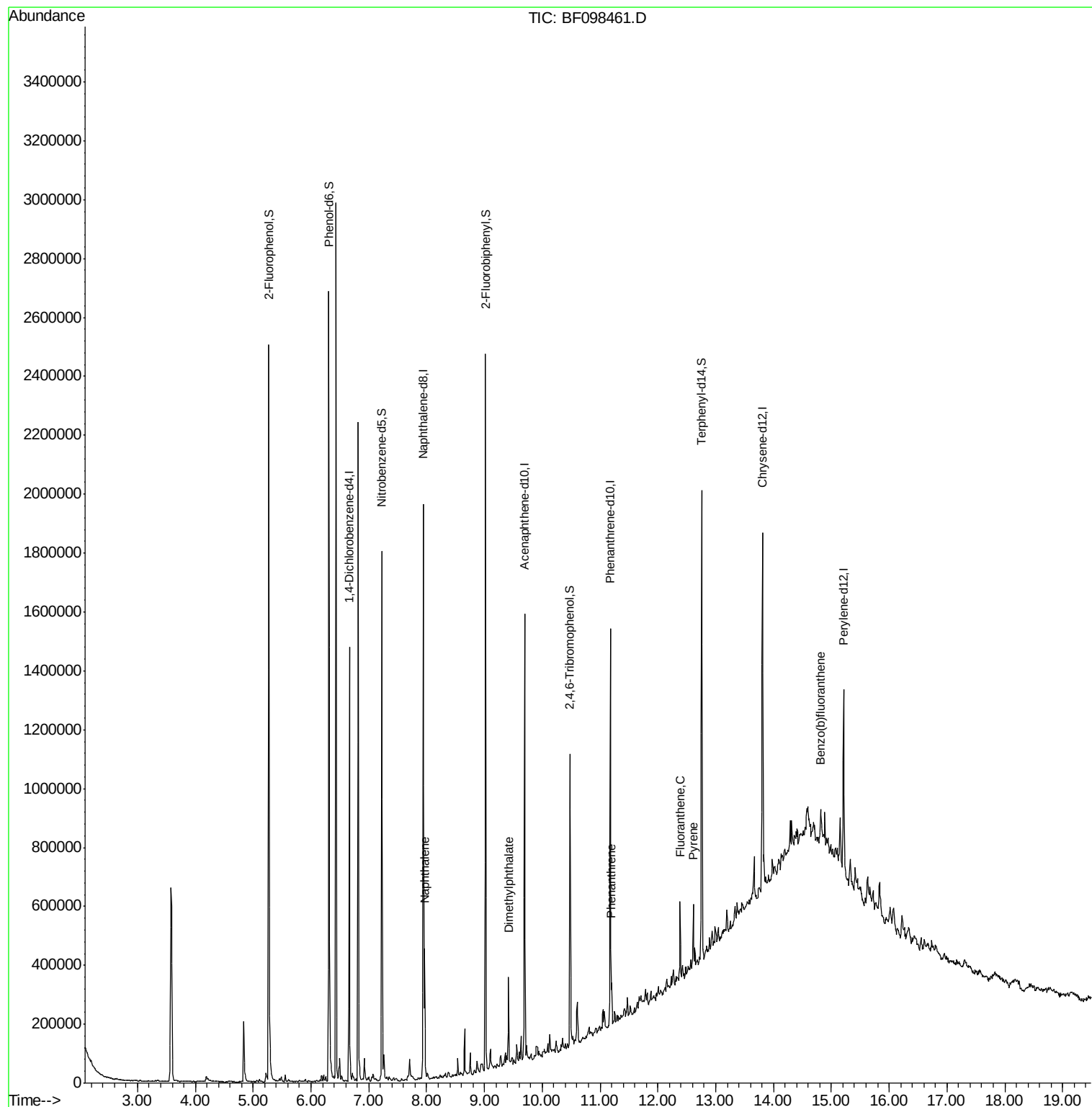
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091217\
Data File : BF098461.D
Acq On : 12 Sep 2017 20:19
Operator : SJ/JU
Sample : I5140-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

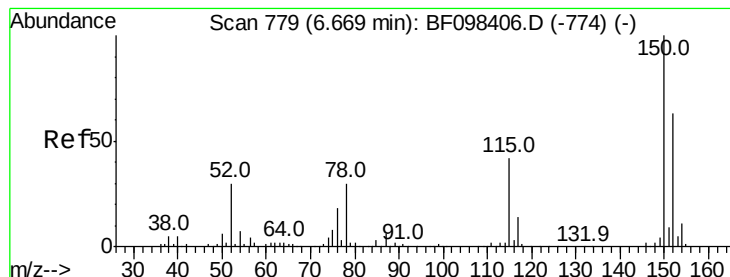
Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75

Manual Integrations
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Quant Time: Sep 13 02:01:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration





#1

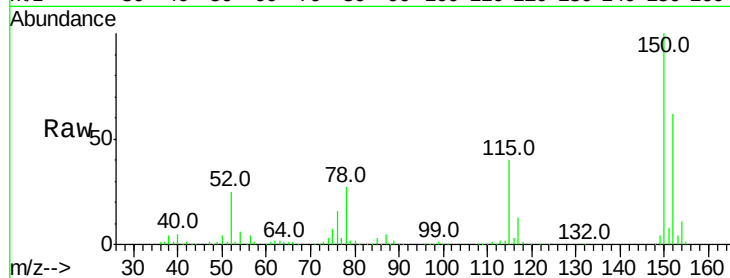
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF098461.D
Acq: 12 Sep 2017 20:19

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75

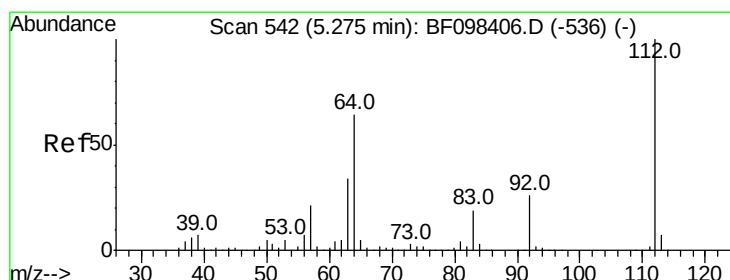
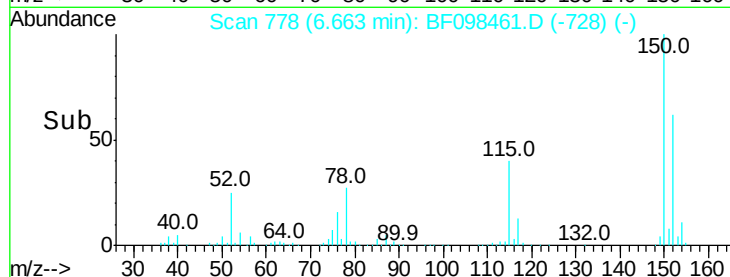
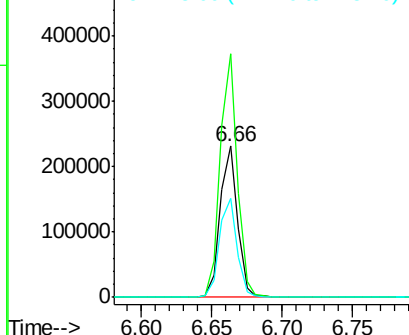
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	126.2	189.2
115	65.2	52.2	78.2

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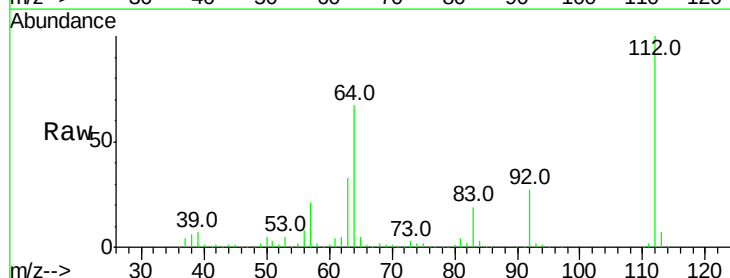
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



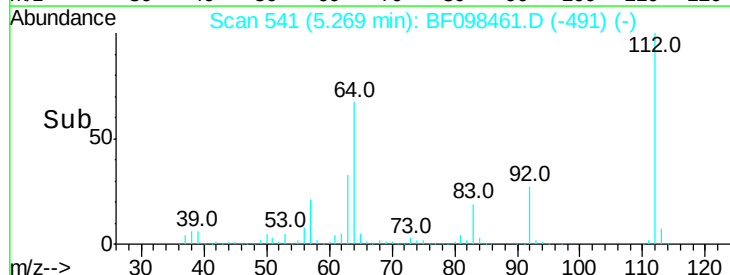
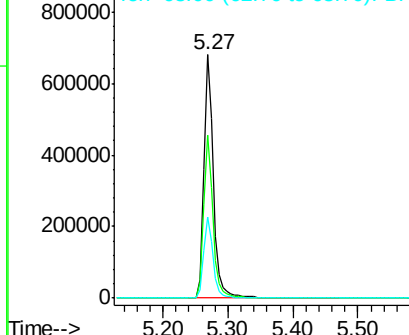
#5

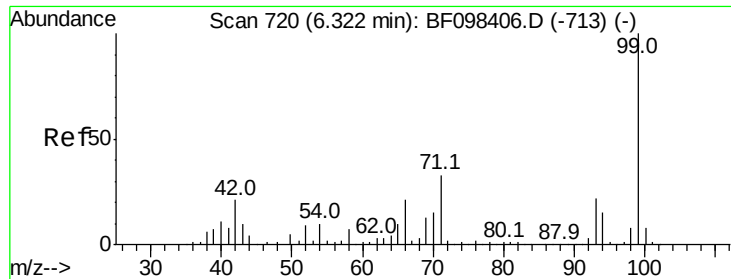
2-Fluorophenol
Concen: 51.712 ng
RT: 5.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF098461.D
Acq: 12 Sep 2017 20:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	46.0	69.0
63	33.5	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 50.879 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF098461.D

Acq: 12 Sep 2017 20:19

Instrument :

BNA_F

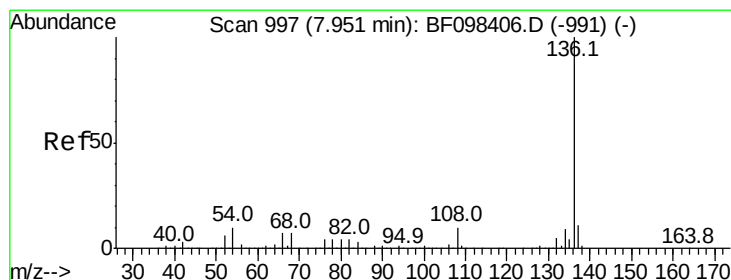
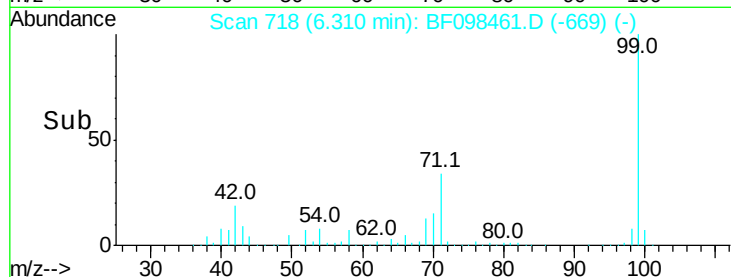
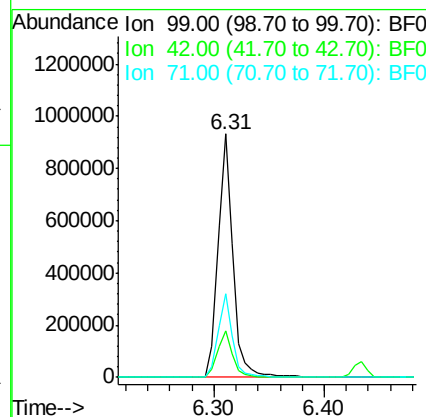
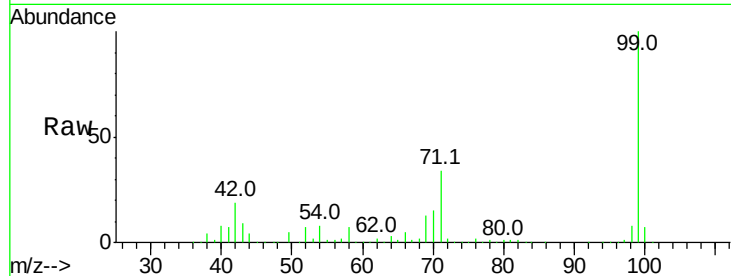
ClientSampleId :

RL-5-0-13.75

Tot Ion:	99	Resp:	861972
Ion Ratio	Lower	Upper	
99	100		
42	19.2	13.5	20.3
71	34.1	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

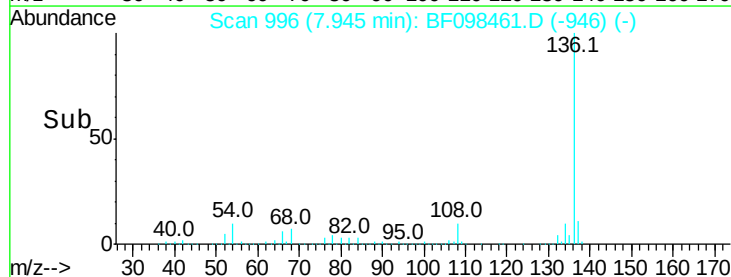
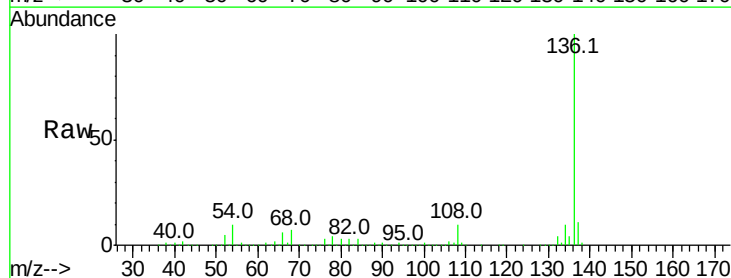
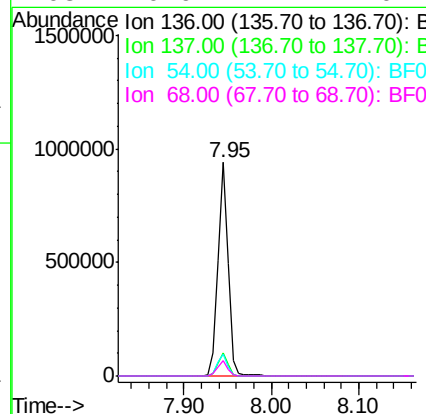
RT: 7.95 min Scan# 996

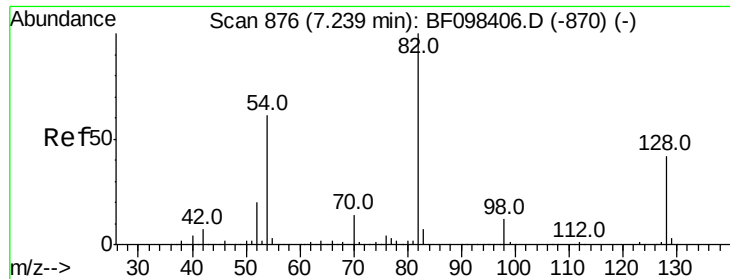
Delta R.T. -0.01 min

Lab File: BF098461.D

Acq: 12 Sep 2017 20:19

Tgt Ion:	136	Resp:	770085
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	10.0	4.9	7.3#
68	6.9	4.1	6.1#





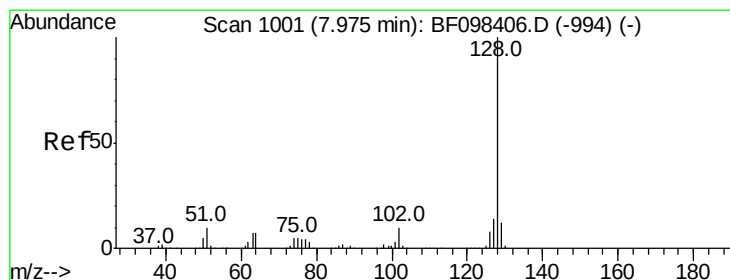
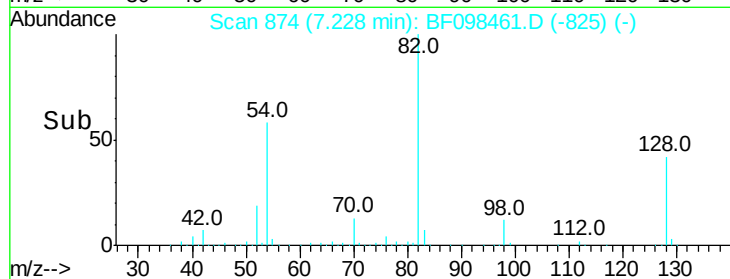
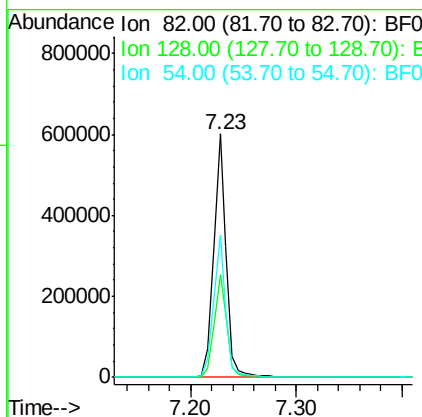
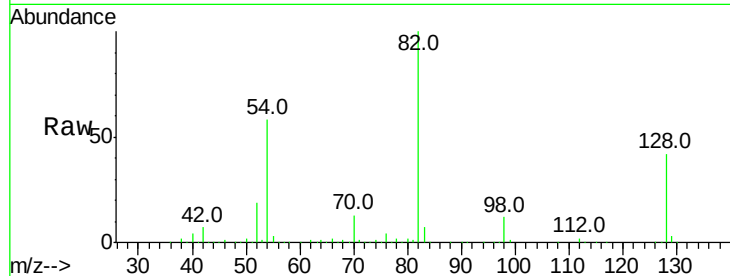
#23
Nitrobenzene-d5
Concen: 36.798 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF098461.D
Acq: 12 Sep 2017 20:19

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.3	34.0	51.0	
54	58.3	42.2	63.2	

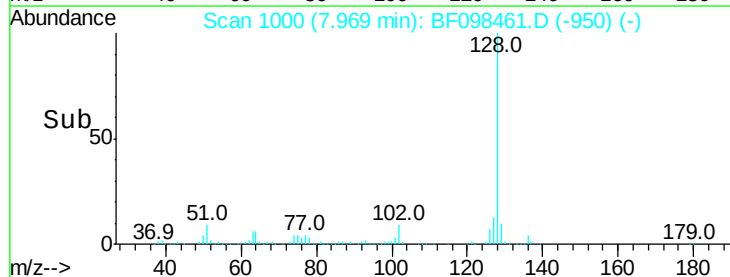
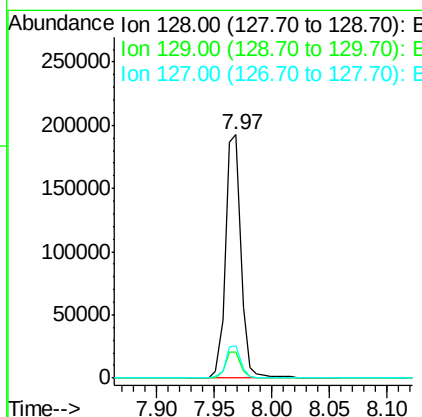
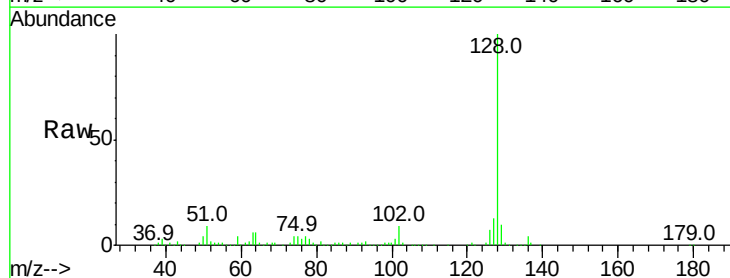
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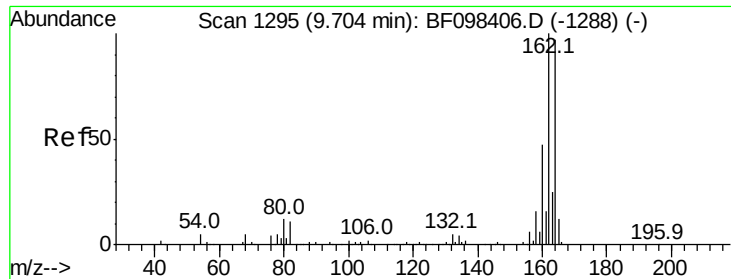
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#31
Naphthalene
Concen: 4.705 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF098461.D
Acq: 12 Sep 2017 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.5	9.0	13.6	
127	13.5	10.8	16.2	





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF098461.D

Acq: 12 Sep 2017 20:19

Instrument :

BNA_F

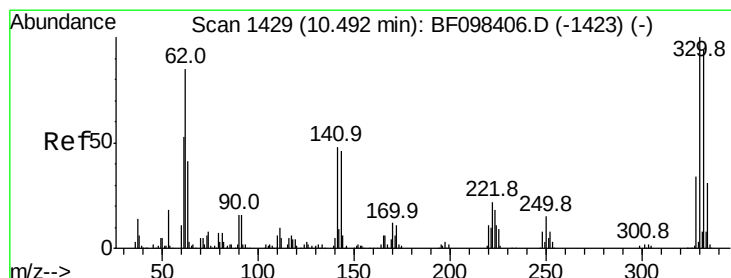
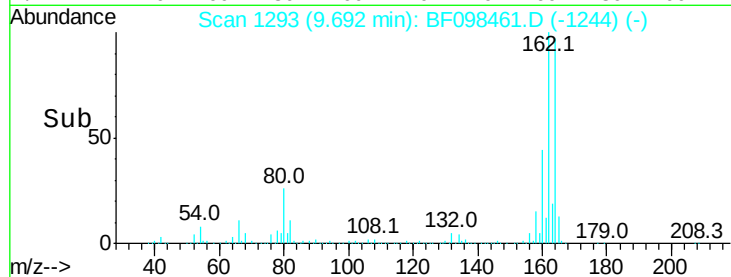
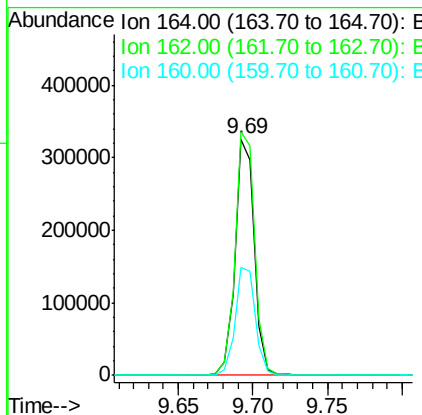
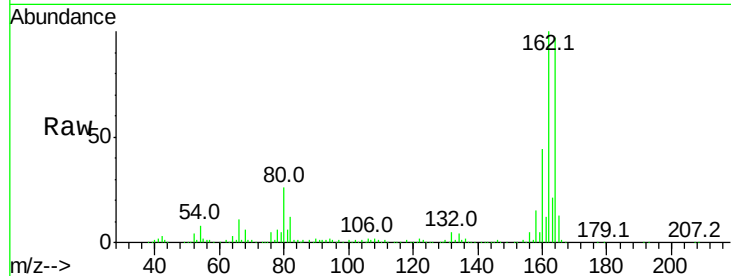
ClientSampleId :

RL-5-0-13.75

Tot Ion:	164	Resp:	296347
Ion Ratio	Lower	Upper	
164	100		
162	103.2	82.6	123.8
160	45.5	36.2	54.2

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#41

2,4,6-Tribromophenol

Concen: 47.606 ng

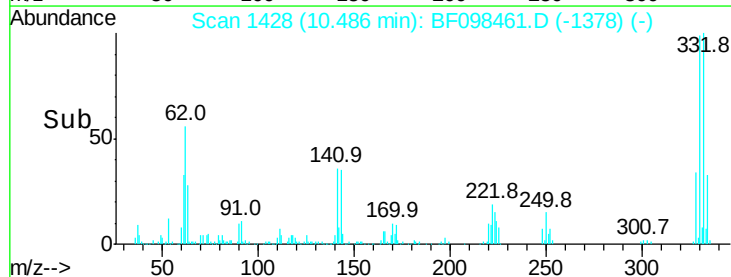
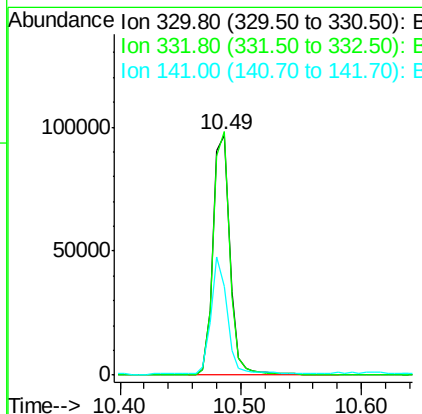
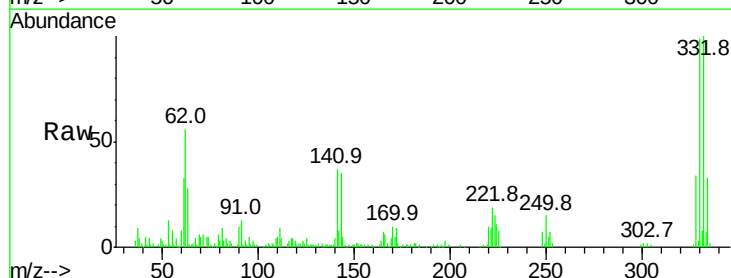
RT: 10.49 min Scan# 1428

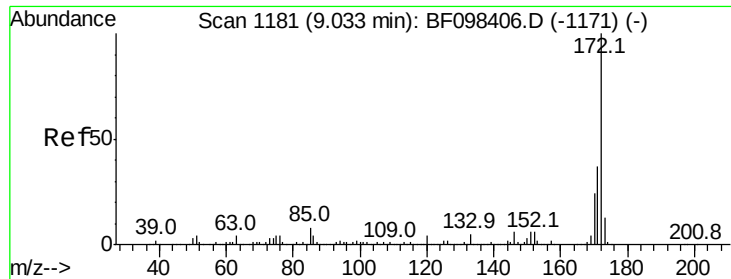
Delta R.T. -0.01 min

Lab File: BF098461.D

Acq: 12 Sep 2017 20:19

Tgt Ion:	330	Resp:	94159
Ion Ratio	Lower	Upper	
330	100		
332	98.8	76.6	115.0
141	46.0	31.4	47.2





#44

2-Fluorobiphenyl

Concen: 41.586 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF098461.D

Acq: 12 Sep 2017 20:19

Instrument :

BNA_F

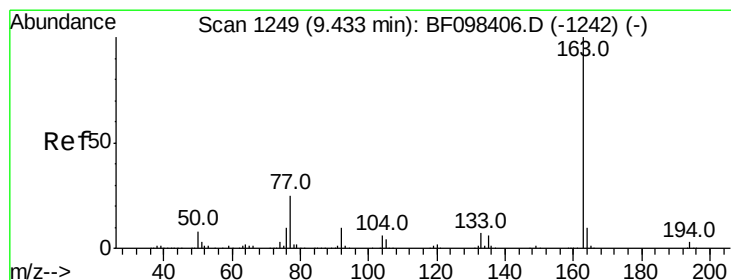
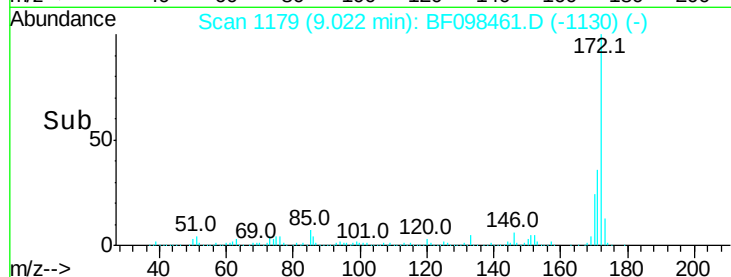
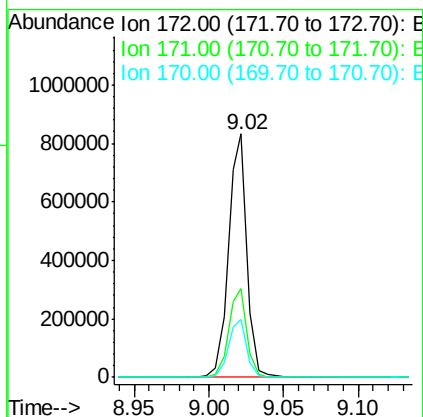
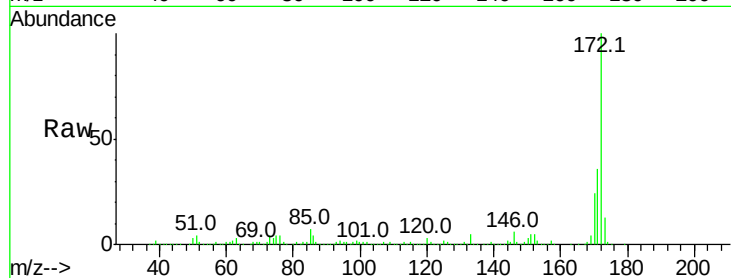
ClientSampled :

RL-5-0-13.75

Tot Ion:	172	Resp:	727107
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.6	44.4
170	23.6	19.8	29.8

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#49

Dimethylphthalate

Concen: 4.473 ng

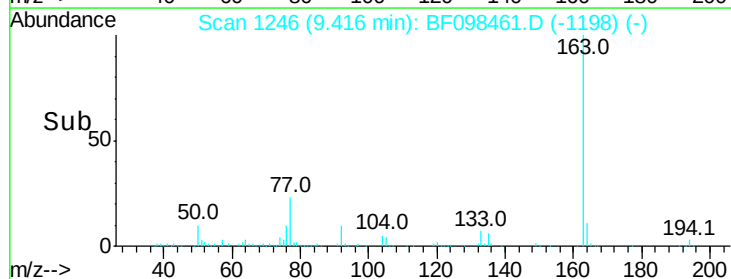
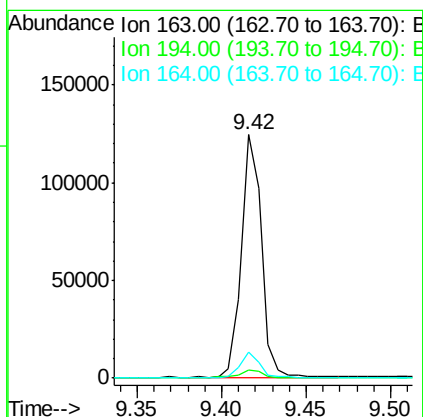
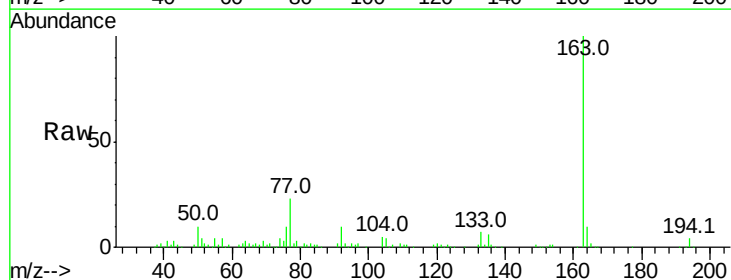
RT: 9.42 min Scan# 1246

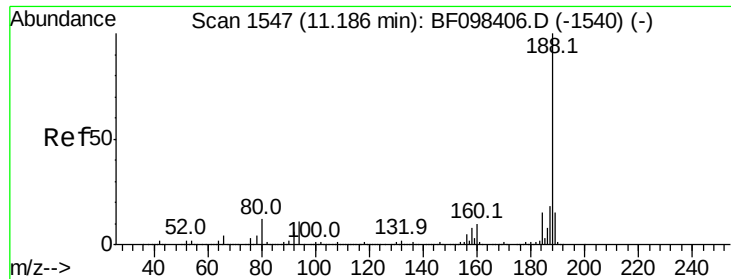
Delta R.T. -0.02 min

Lab File: BF098461.D

Acq: 12 Sep 2017 20:19

Tgt Ion:	163	Resp:	102618
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.6	4.0
164	10.5	8.4	12.6





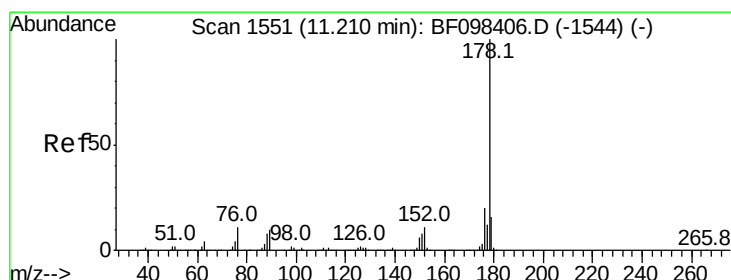
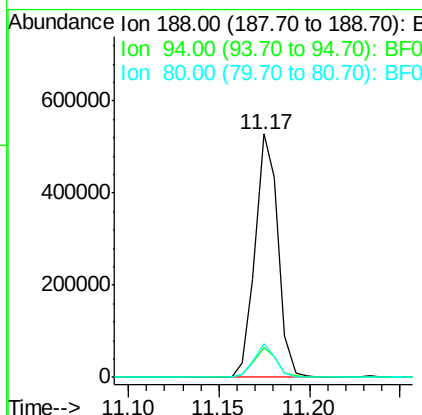
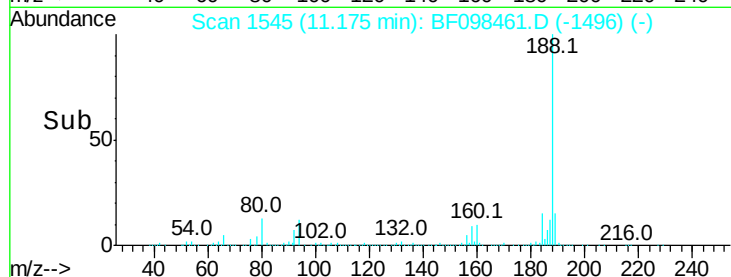
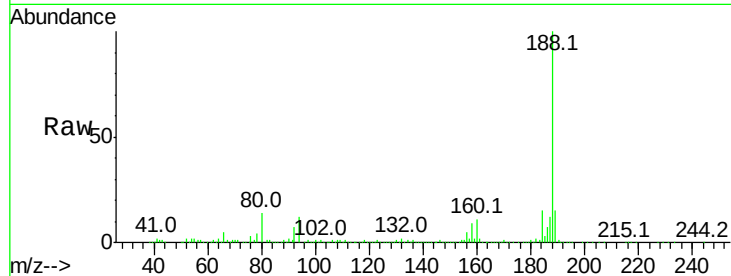
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF098461.D
Acq: 12 Sep 2017 20:19

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.4	9.4	14.2
80	13.6	10.2	15.2

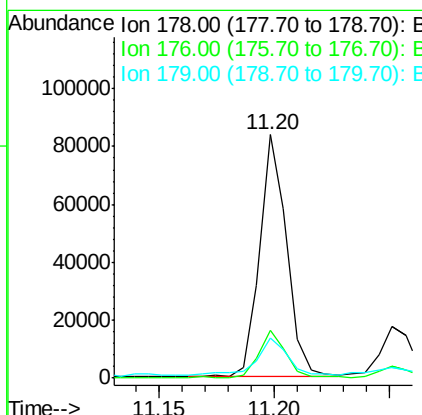
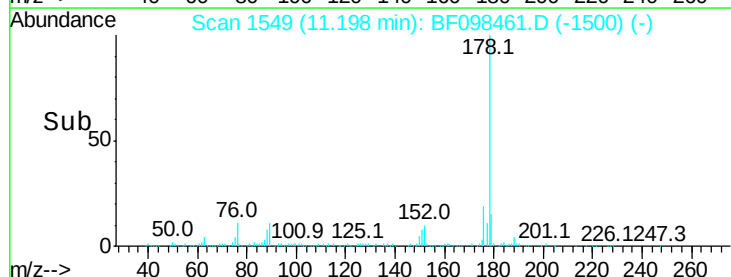
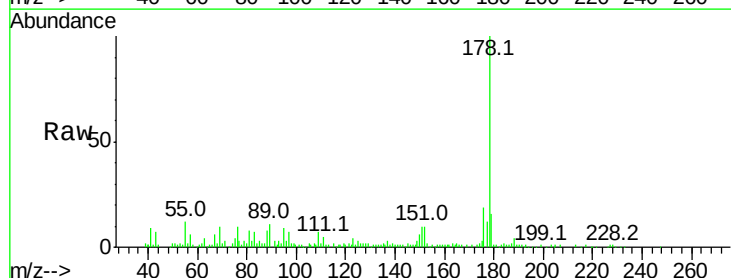
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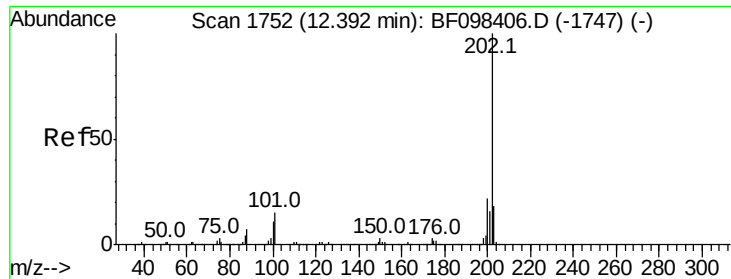
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#70
Phenanthrene
Concen: 2.759 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF098461.D
Acq: 12 Sep 2017 20:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.5	16.2	24.4
179	16.5	12.6	19.0





#74

Fluoranthene

Concen: 3.837 ng

RT: 12.39 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BF098461.D

Acq: 12 Sep 2017 20:19

Instrument :

BNA_F

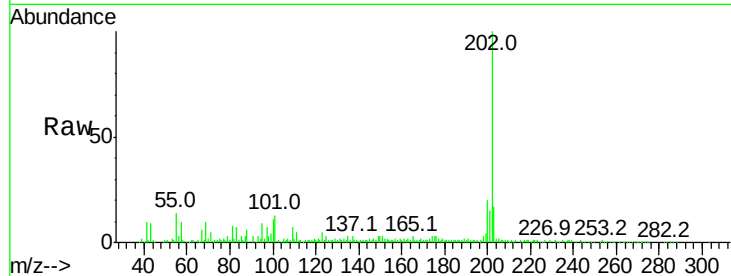
ClientSampleId :

RL-5-0-13.75

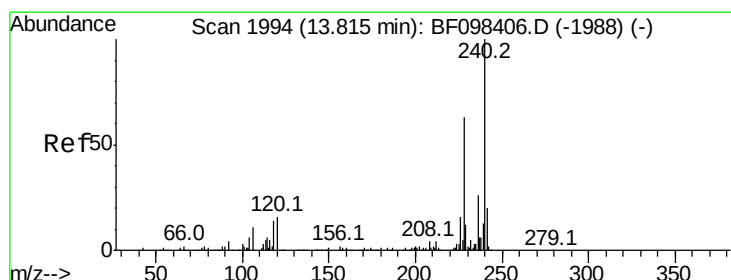
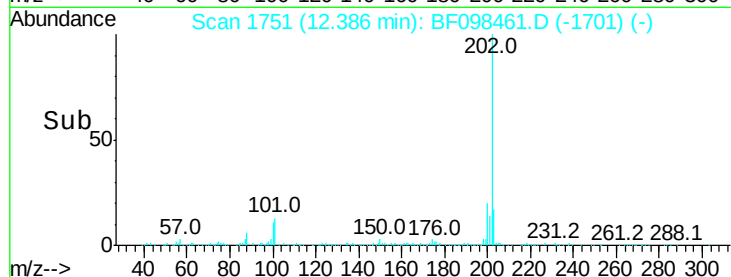
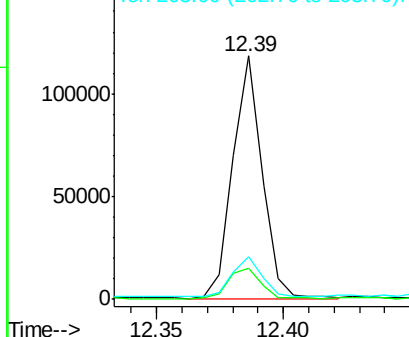
Tot Ion:	202	Resp:	94584
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	33.2
203	17.4	0.0	38.1

Manual Integrations
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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

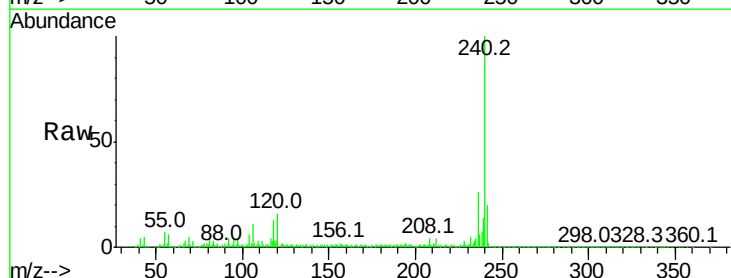
RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

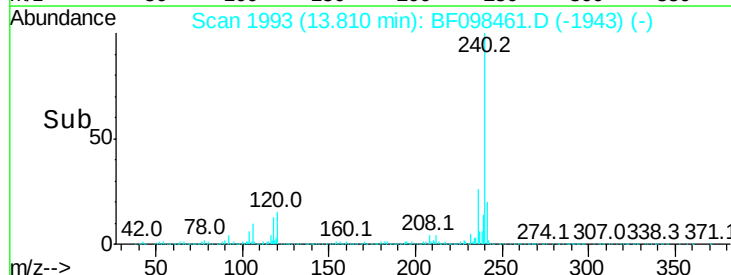
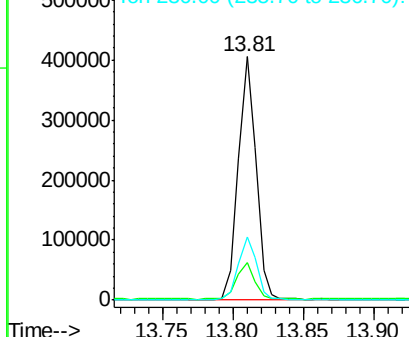
Lab File: BF098461.D

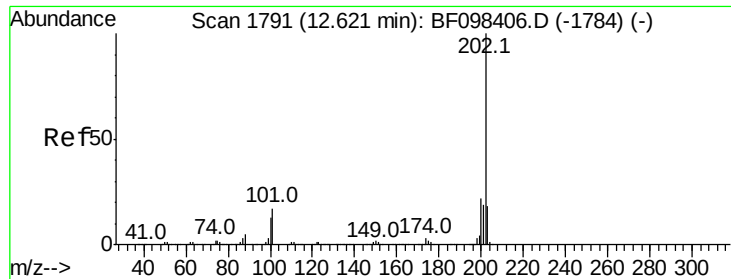
Acq: 12 Sep 2017 20:19

Tgt Ion:	240	Resp:	358085
Ion Ratio	Lower	Upper	
240	100		
120	15.6	5.8	8.8#
236	25.9	20.5	30.7



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

Pvrene

Concen: 2.963 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF098461.D

Acq: 12 Sep 2017 20:19

Instrument :

BNA_F

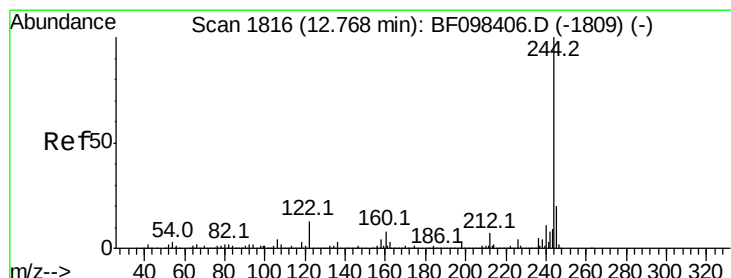
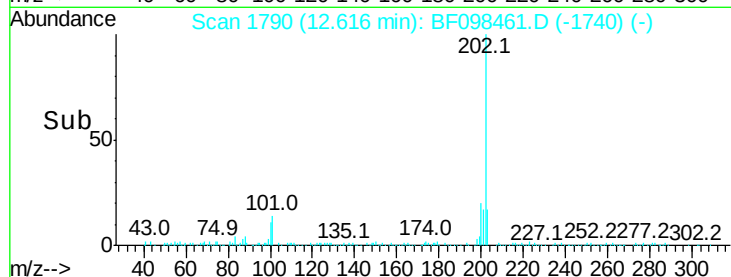
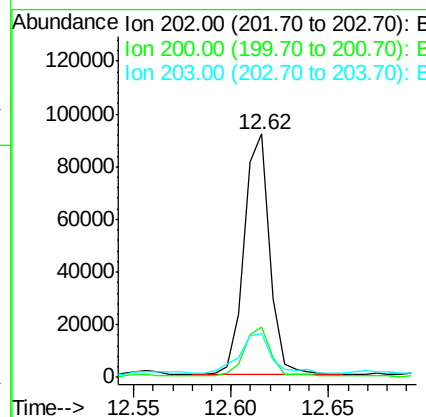
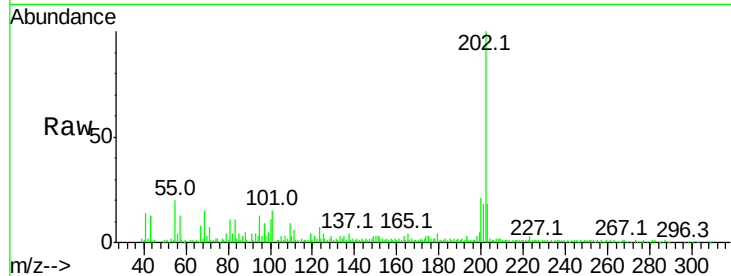
ClientSampleId :

RL-5-0-13.75

Tot Ion:	202	Resp:	83706
Ion Ratio		Lower	Upper
202	100		
200	20.8	17.6	26.4
203	18.2	14.4	21.6

Manual Integrations
APPROVED

Sohil
9/13/2017 5:00:08 PM



#78

Terphenyl-d14

Concen: 26.305 ng

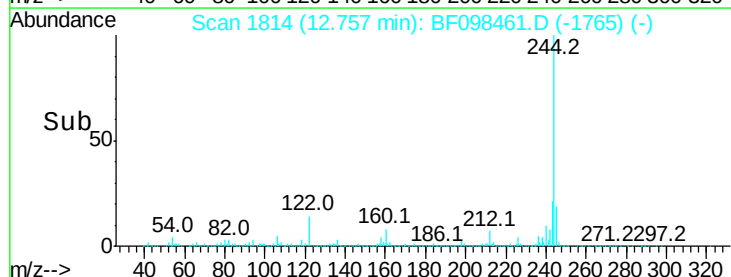
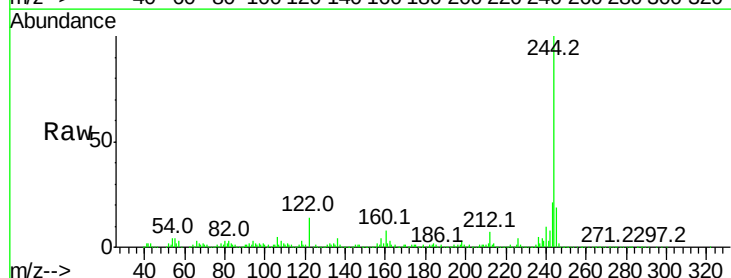
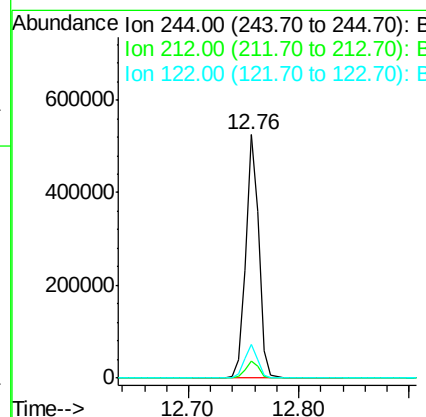
RT: 12.76 min Scan# 1814

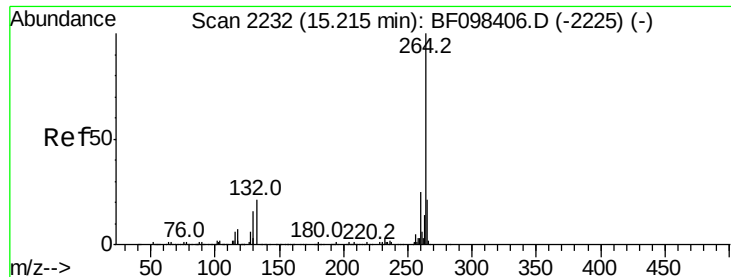
Delta R.T. -0.01 min

Lab File: BF098461.D

Acq: 12 Sep 2017 20:19

Tgt Ion:	244	Resp:	436392
Ion Ratio		Lower	Upper
244	100		
212	7.2	6.0	9.0
122	14.1	10.3	15.5





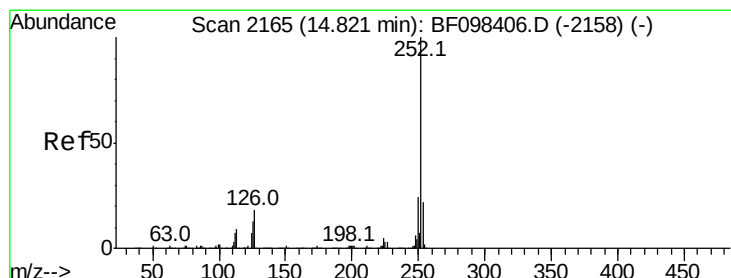
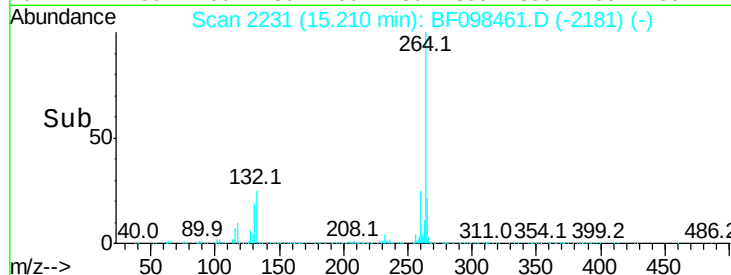
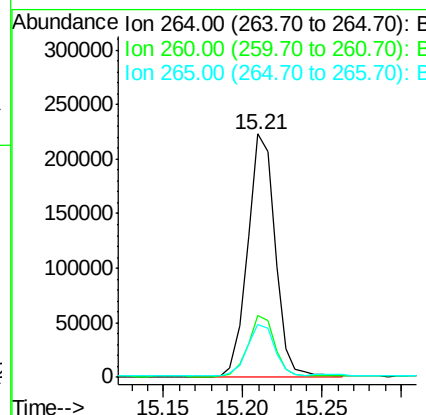
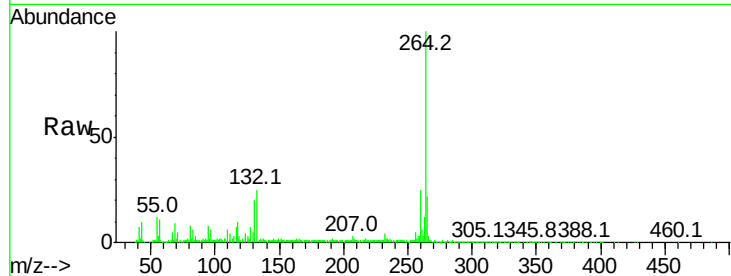
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF098461.D
Acq: 12 Sep 2017 20:19

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.5	29.3
265	21.7	17.2	25.8

Manual Integrations
APPROVED

Sohil
9/13/2017 5:00:08 PM



#87
Benzo(b)fluoranthene
Concen: 2.360 ng m
RT: 14.82 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF098461.D
Acq: 12 Sep 2017 20:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.4	18.1	27.1#
125	34.6	9.8	14.8#

