

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
 Data File : BF107369.D
 Acq On : 13 Jul 2018 16:09
 Operator : JU/SJ
 Sample : J3825-05 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-071118-C

Manual Integrations
 APPROVED

Sohil
 7/16/2018 3:22:25 PM

Quant Time: Jul 13 18:14:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 13 11:54:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	43584	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	147527	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	68899	20.00	ng	0.00
63) Phenanthrene-d10	11.47	188	157298	20.00	ng	0.00
75) Chrysene-d12	14.14	240	157949	20.00	ng	0.00
86) Perylene-d12	15.68	264	107826	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	123938	48.15	ng	0.00
7) Phenol-d6	6.58	99	141097	43.90	ng	0.00
23) Nitrobenzene-d5	7.50	82	80362	30.27	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	39141	49.01	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	158245	29.19	ng	0.00
78) Terphenyl-d14	13.06	244	247378	37.94	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.68	163	20102	3.890	ng	Qvalue # 96
70) Phenanthrene	11.50	178	22033	2.904	ng	97
74) Fluoranthene	12.70	202	56981	6.814	ng	95
77) Pyrene	12.93	202	58903	5.655	ng	99
80) Benzo(a)anthracene	14.12	228	31271	3.248	ng	94
82) Chrysene	14.16	228	27256	3.078	ng	95
87) Benzo(b)fluoranthene	15.22	252	27050m	4.038	ng	
89) Benzo(a)pyrene	15.61	252	18765	3.151	ng	# 91
91) Benzo(g,h,i)perylene	17.77	276	11410	2.313	ng	# 85

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

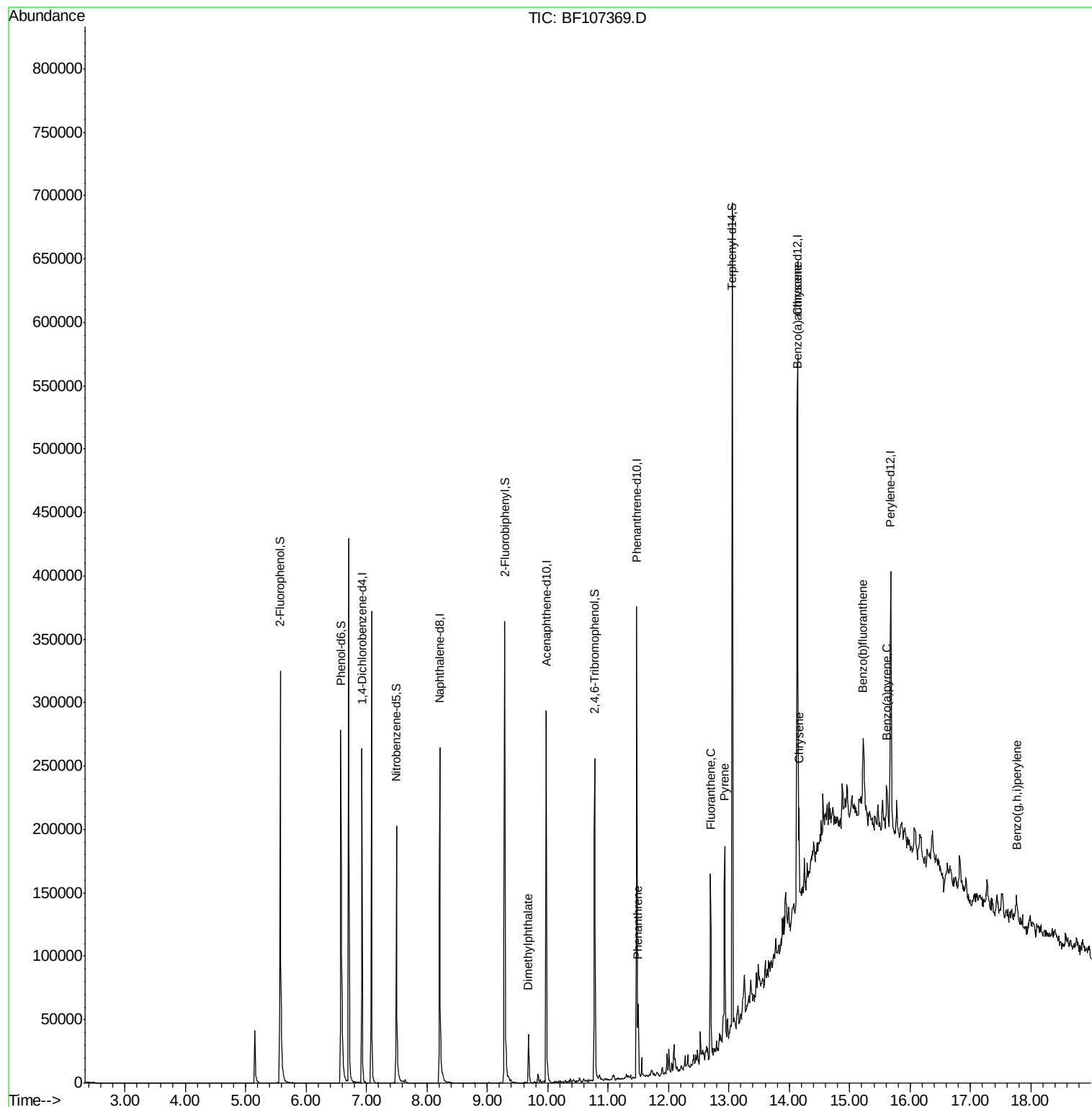
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
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Misc :
ALS Vial : 16 Sample Multiplier: 1

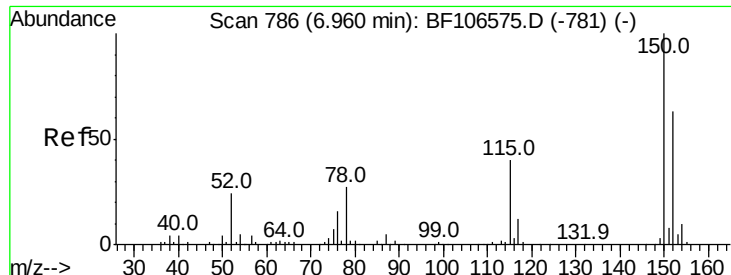
Instrument :
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CL-02-071118-C

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#1

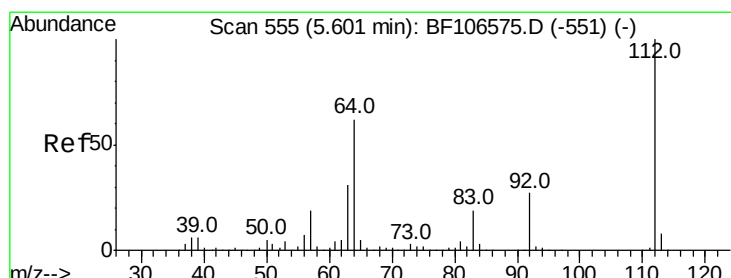
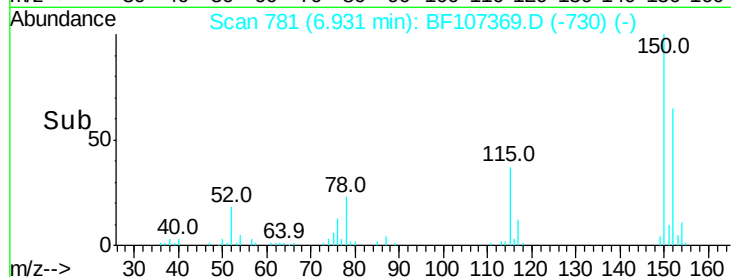
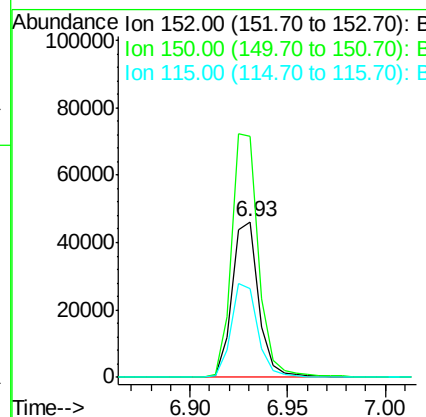
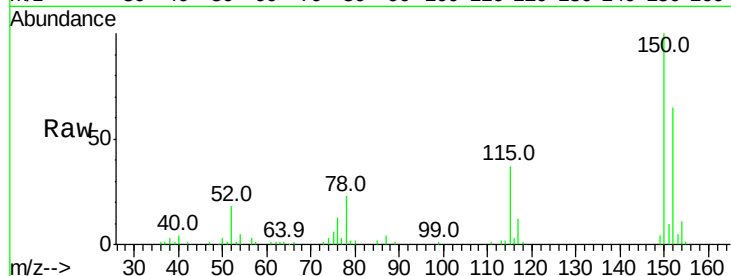
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF107369.D
Acq: 13 Jul 2018 16:09

Instrument :
BNA_F
ClientSampleId :
CL-02-071118-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	57.3	50.1	75.1

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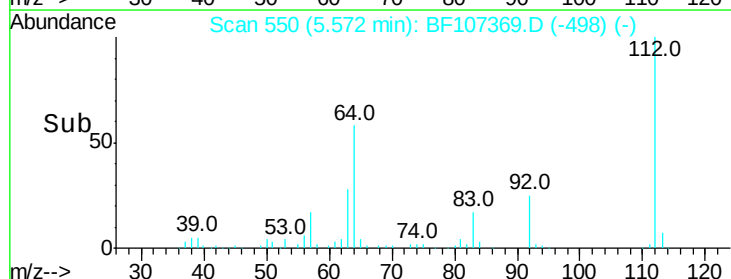
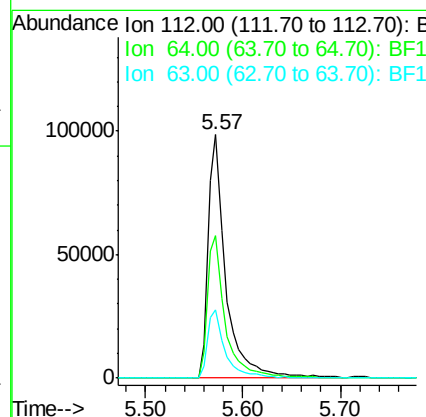
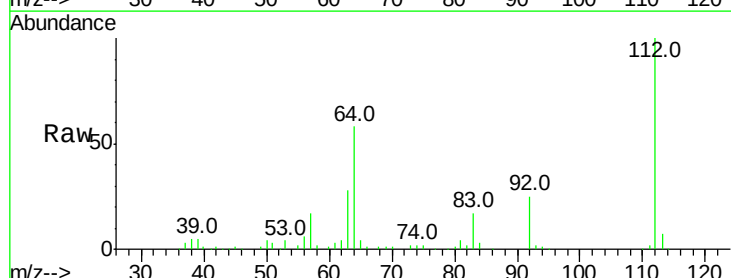
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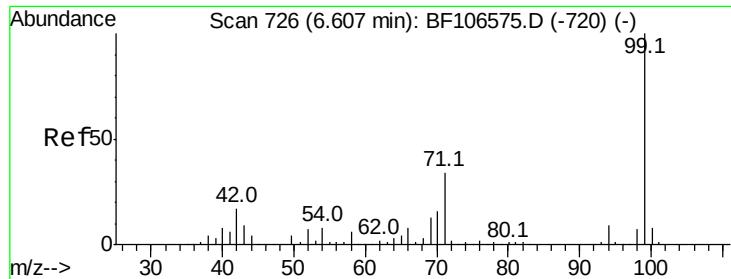


#5

2-Fluorophenol
Concen: 48.152 ng
RT: 5.57 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF107369.D
Acq: 13 Jul 2018 16:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.9	71.9
63	27.8	23.7	35.5





#7

Phenol-d6

Concen: 43.897 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF107369.D

Acq: 13 Jul 2018 16:09

Instrument :

BNA_F

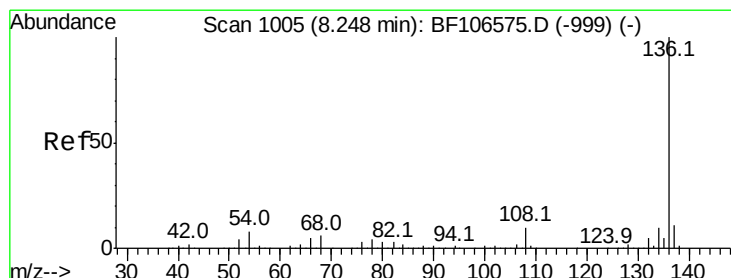
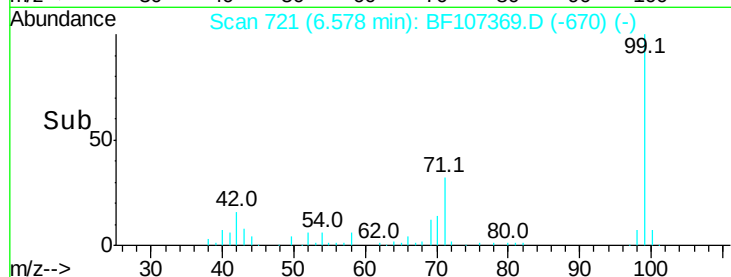
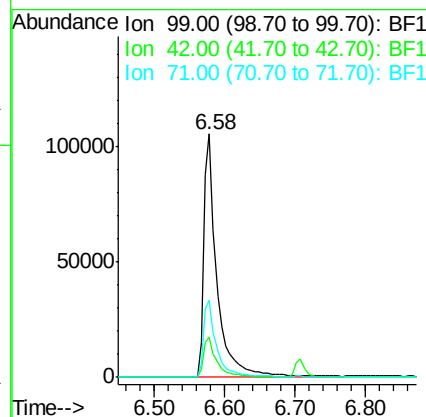
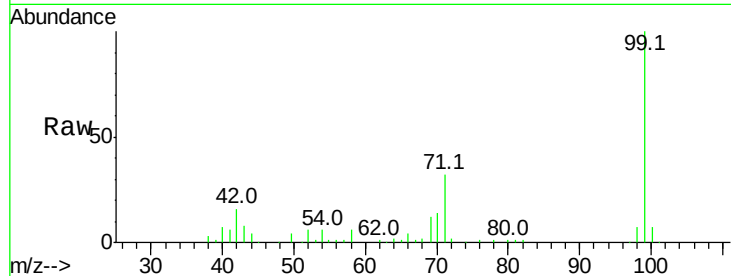
ClientSampleId :

CL-02-071118-C

Tot Ion:	99	Resp:	141097
Ion Ratio	Lower	Upper	
99	100		
42	16.2	14.5	21.7
71	31.7	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

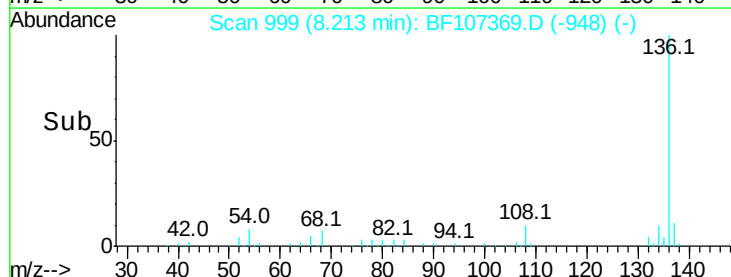
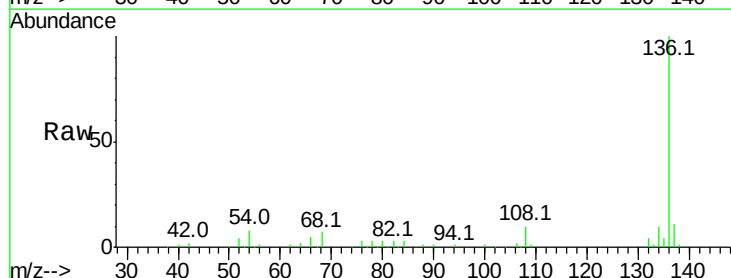
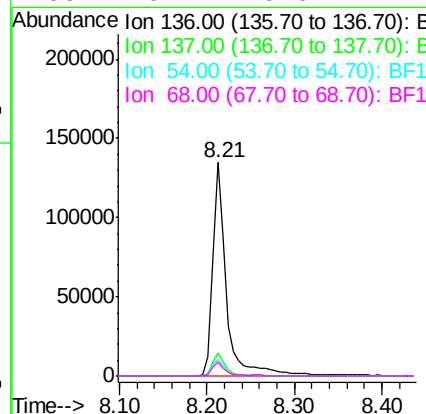
RT: 8.21 min Scan# 999

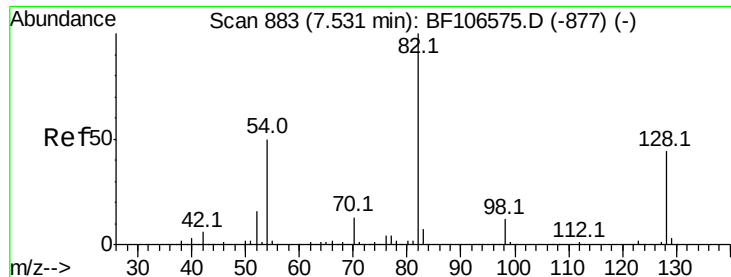
Delta R.T. 0.00 min

Lab File: BF107369.D

Acq: 13 Jul 2018 16:09

Tgt Ion:	136	Resp:	147527
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	7.8	6.6	9.8
68	6.7	5.0	7.4





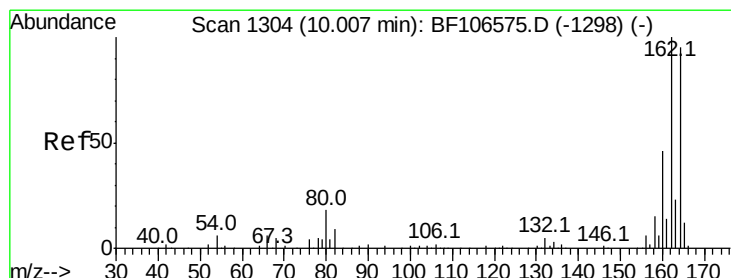
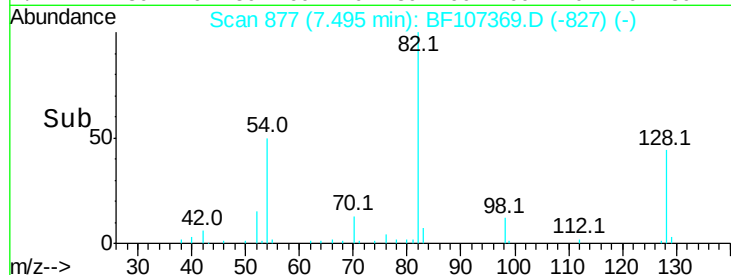
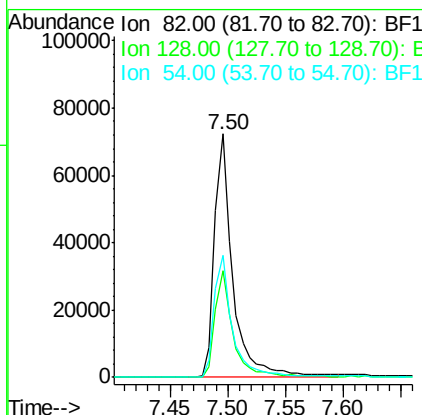
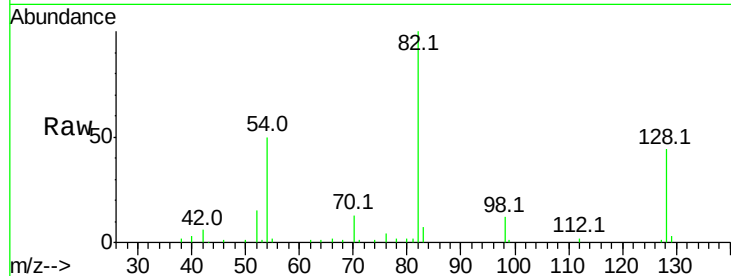
#23
 Nitrobenzene-d5
 Concen: 30.272 ng
 RT: 7.50 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF107369.D
 Acq: 13 Jul 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-071118-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	50.1	41.4	62.2

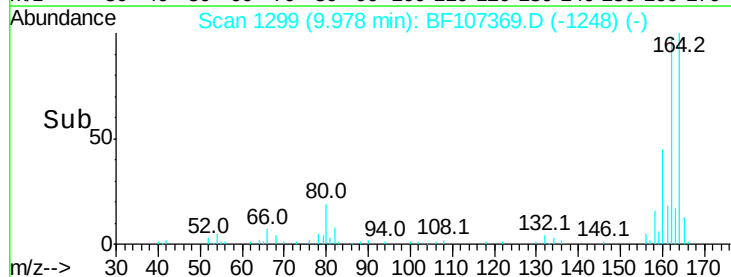
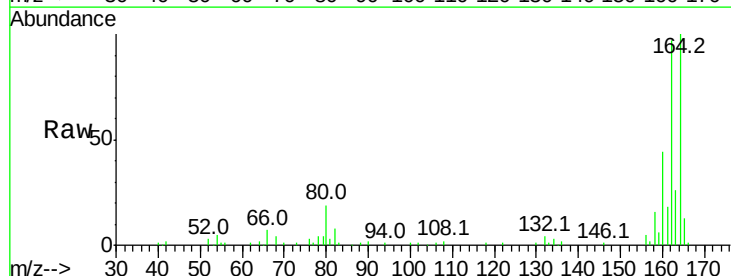
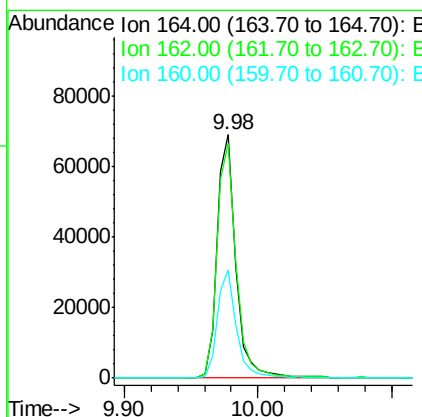
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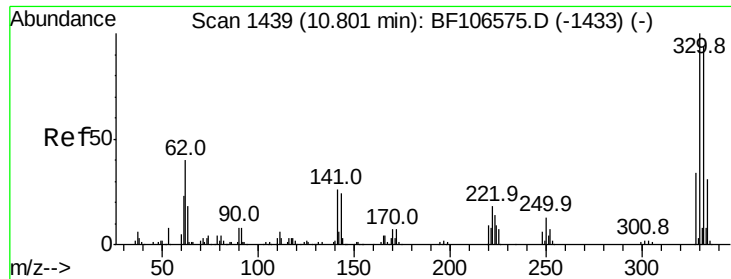
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF107369.D
 Acq: 13 Jul 2018 16:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.5	86.1	129.1
160	44.3	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 49.015 ng

RT: 10.78 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF107369.D

Acq: 13 Jul 2018 16:09

Instrument :

BNA_F

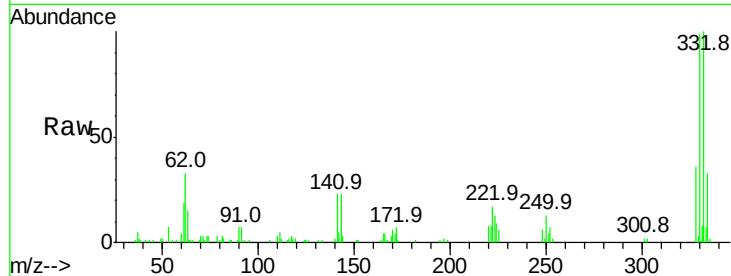
ClientSampleId :

CL-02-071118-C

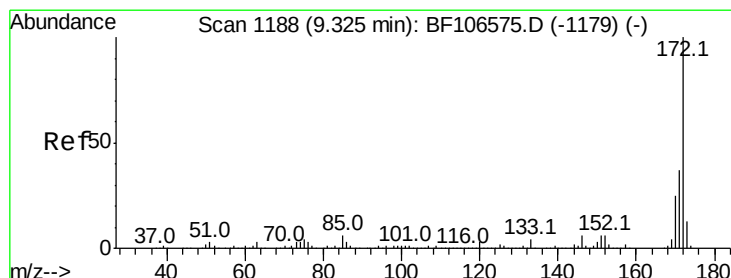
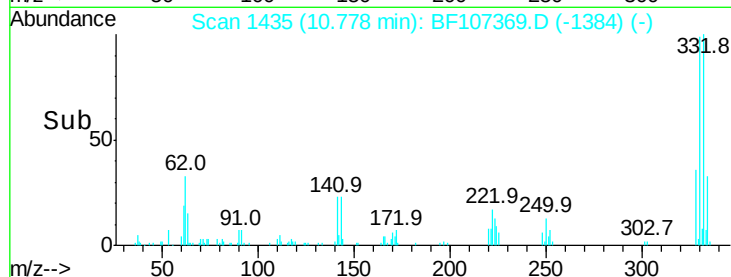
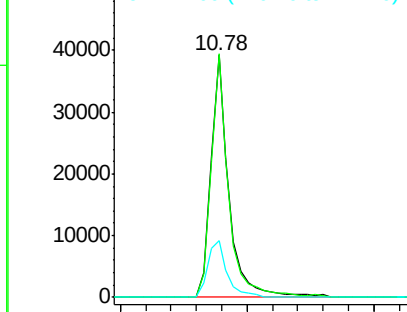
Tot Ion:	330	Resp:	39141
Ion Ratio	Lower	Upper	
330	100		
332	98.6	77.0	115.6
141	24.9	29.9	44.9#

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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: 29.190 ng

RT: 9.29 min Scan# 1182

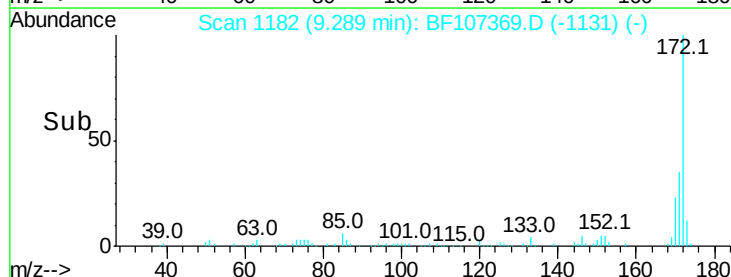
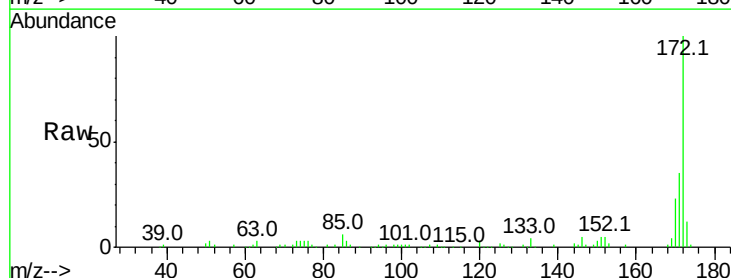
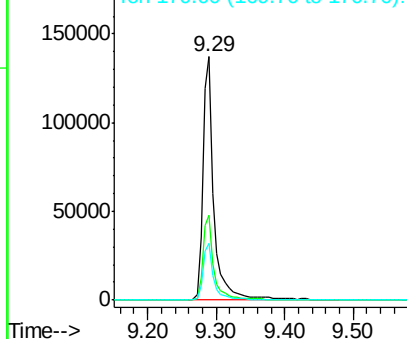
Delta R.T. 0.00 min

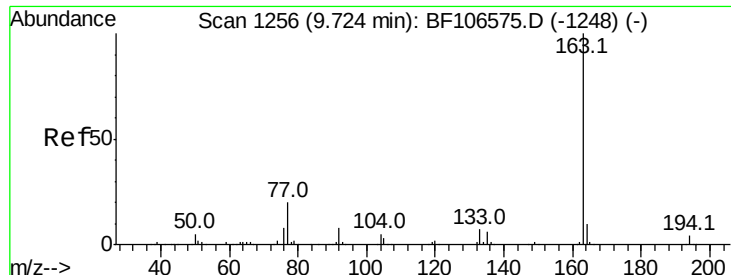
Lab File: BF107369.D

Acq: 13 Jul 2018 16:09

Tgt Ion:	172	Resp:	158245
Ion Ratio	Lower	Upper	
172	100		
171	35.1	29.7	44.5
170	23.4	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





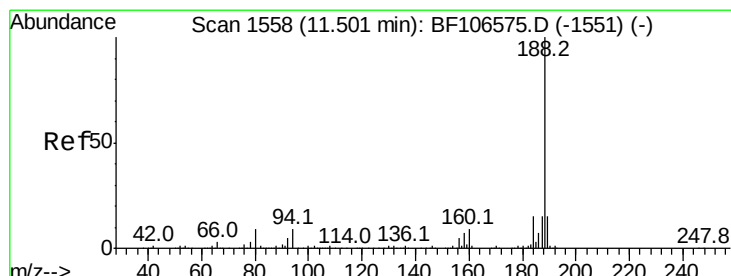
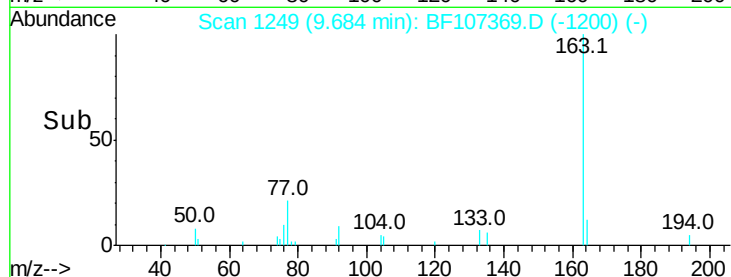
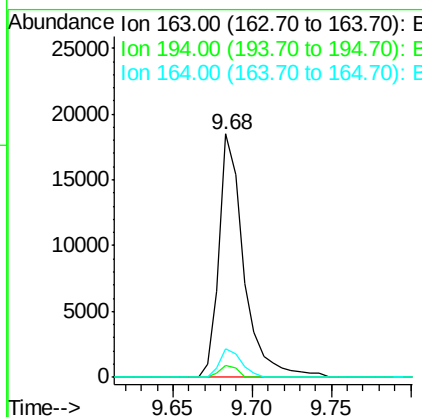
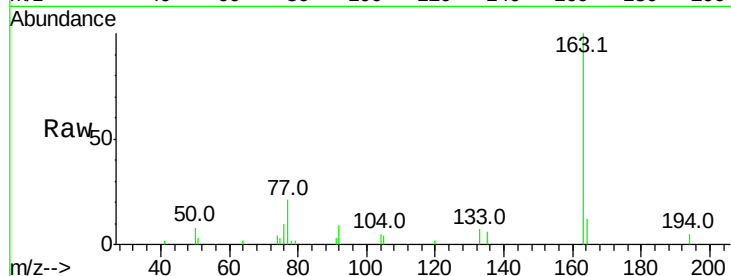
#49
Dimethylphthalate
Concen: 3.890 ng
RT: 9.68 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF107369.D
Acq: 13 Jul 2018 16:09

Instrument :
BNA_F
ClientSampleId :
CL-02-071118-C

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.8	2.7	4.1#
164	11.6	8.2	12.2

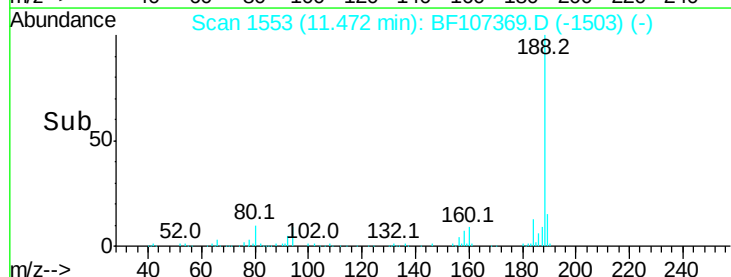
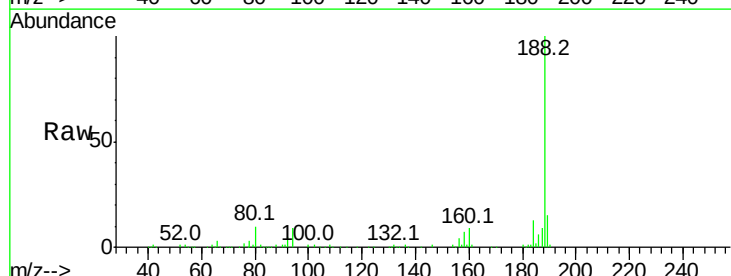
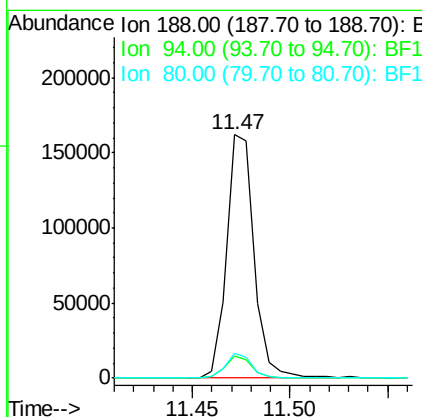
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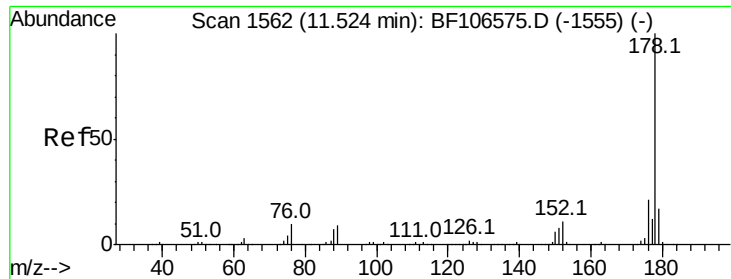
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF107369.D
Acq: 13 Jul 2018 16:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	10.4	9.2	13.8





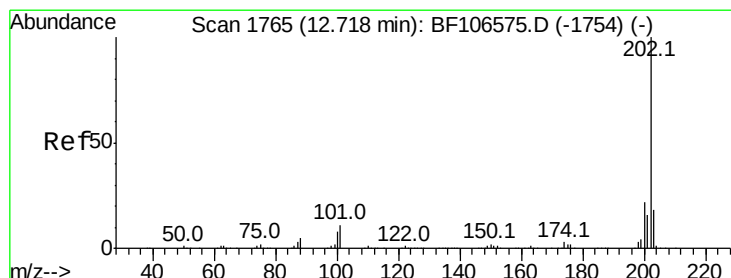
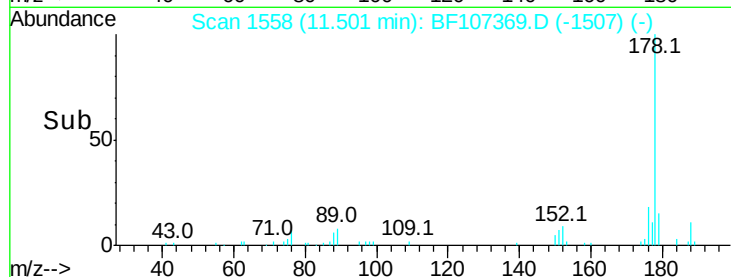
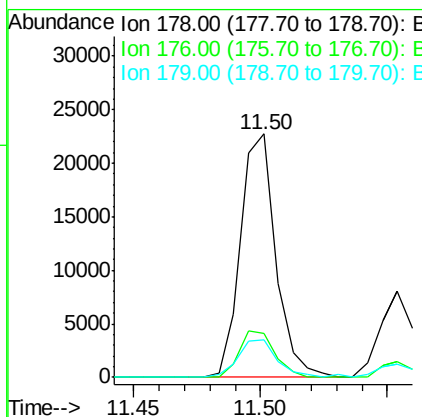
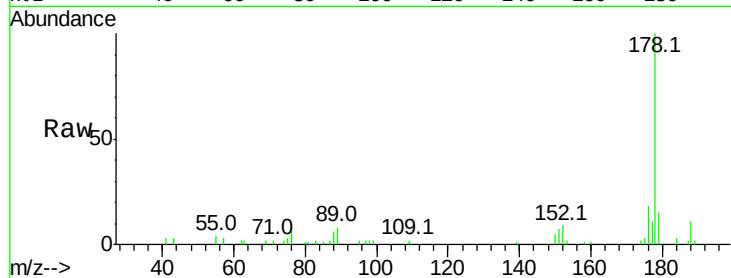
#70
Phenanthrene
Concen: 2.904 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107369.D
Acq: 13 Jul 2018 16:09

Instrument :
BNA_F
ClientSampleId :
CL-02-071118-C

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.8
179	15.2	13.0	19.6

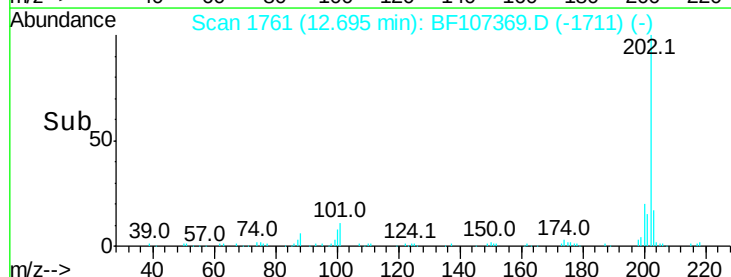
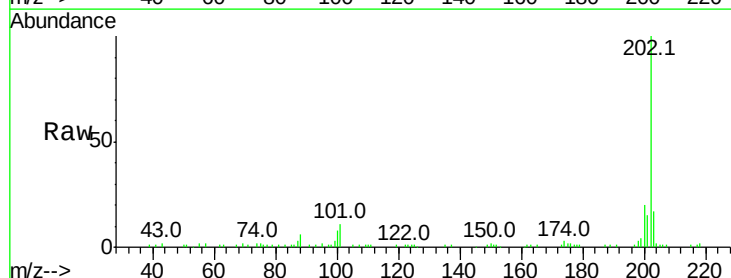
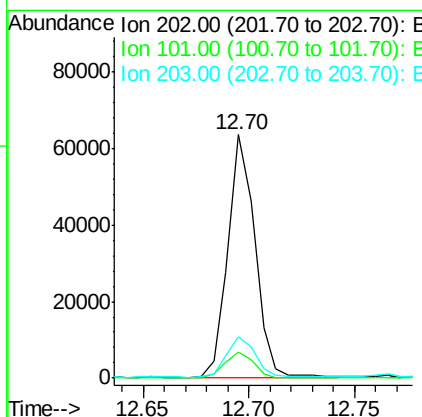
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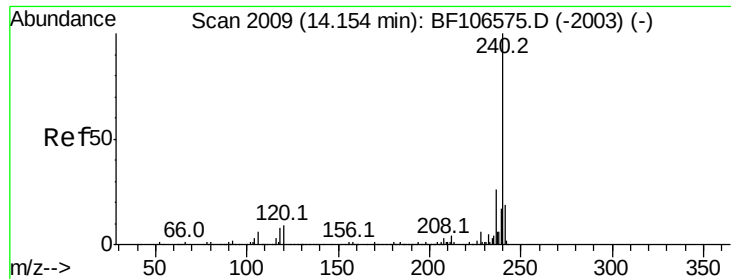
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#74
Fluoranthene
Concen: 6.814 ng
RT: 12.70 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF107369.D
Acq: 13 Jul 2018 16:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	34.1
203	16.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF107369.D

Acq: 13 Jul 2018 16:09

Instrument :

BNA_F

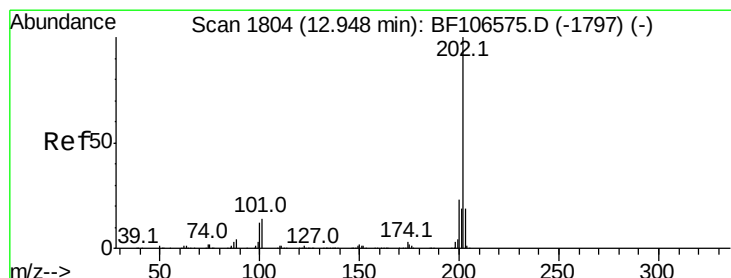
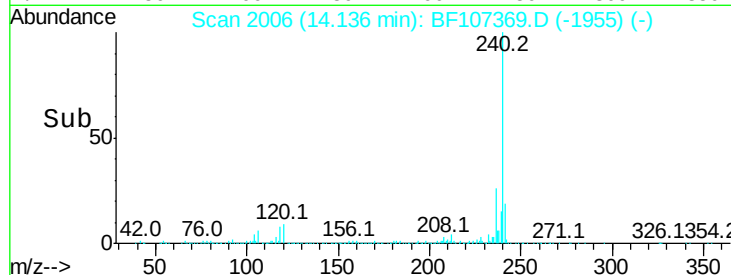
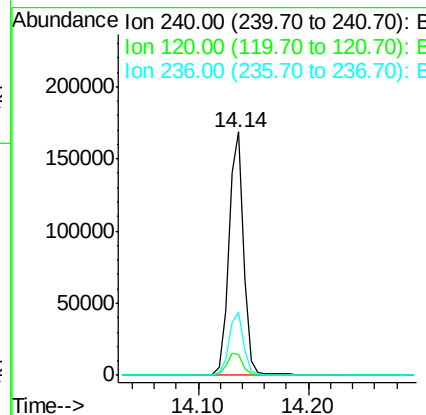
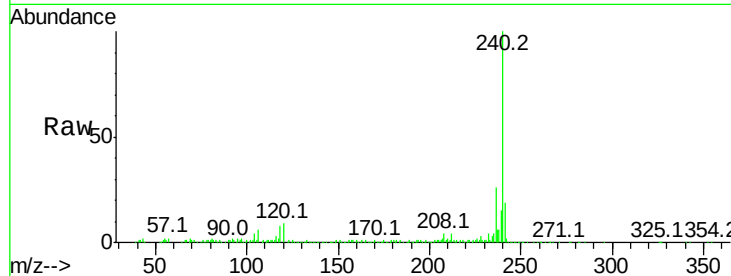
ClientSampleId :

CL-02-071118-C

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.6	9.5	14.3#
236	25.8	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 5.655 ng

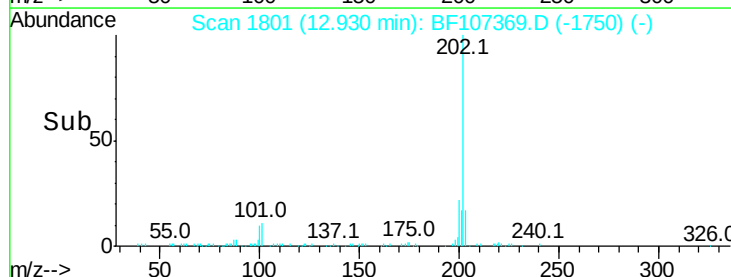
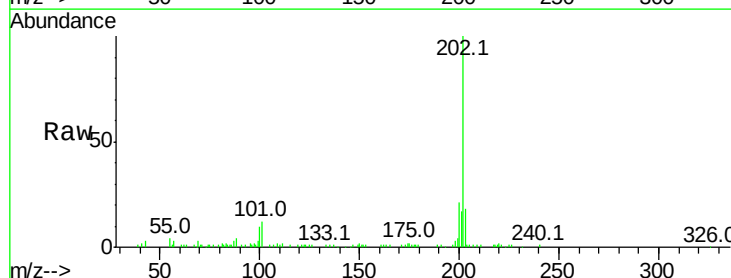
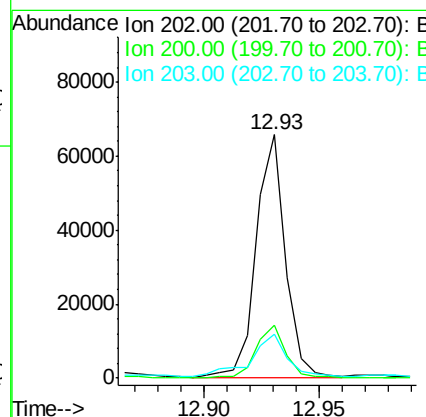
RT: 12.93 min Scan# 1801

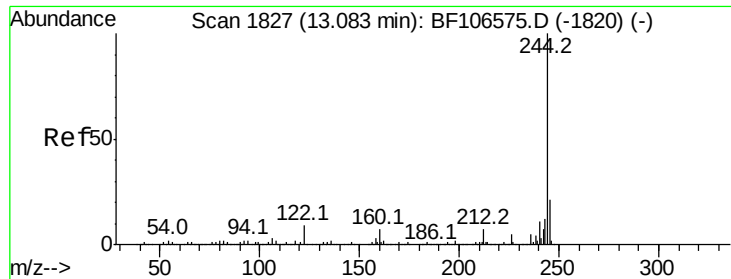
Delta R.T. 0.00 min

Lab File: BF107369.D

Acq: 13 Jul 2018 16:09

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	18.1	14.3	21.5





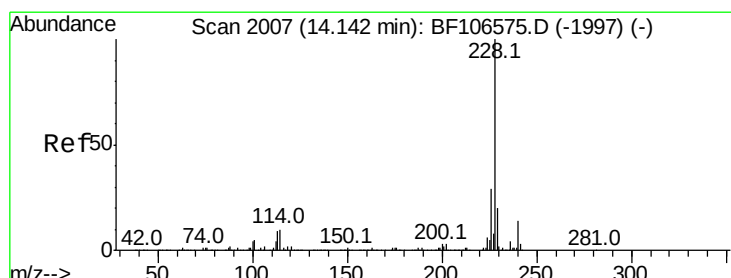
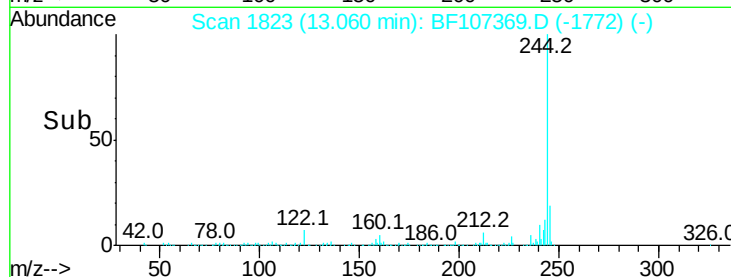
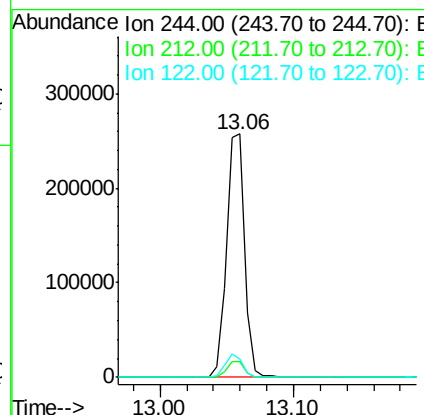
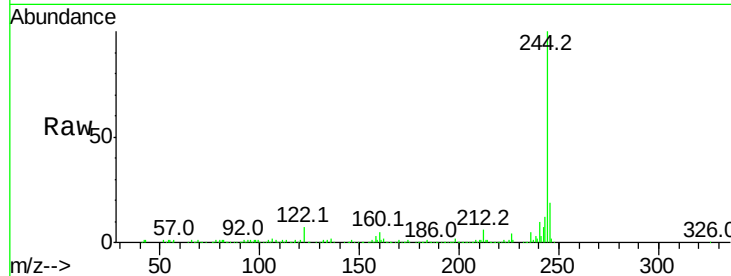
#78
 Terphenyl-d14
 Concen: 37.938 ng
 RT: 13.06 min Scan# 1823
 Delta R.T. 0.00 min
 Lab File: BF107369.D
 Acq: 13 Jul 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-071118-C

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	7.5	11.0	16.4

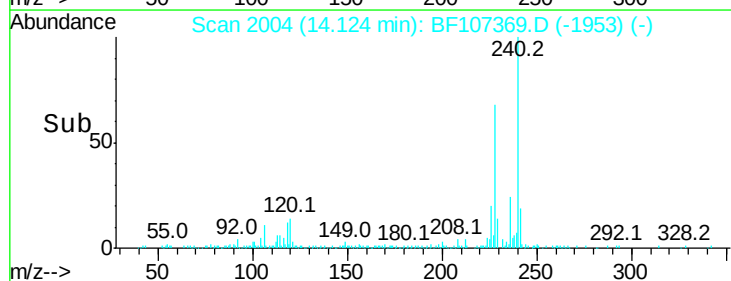
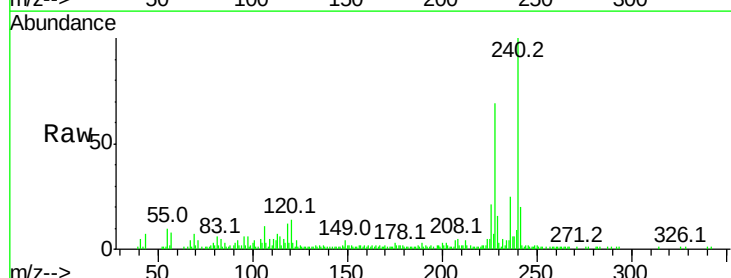
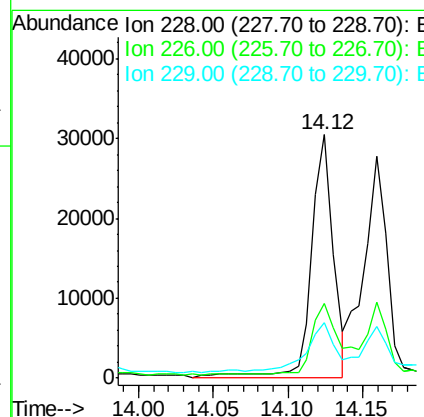
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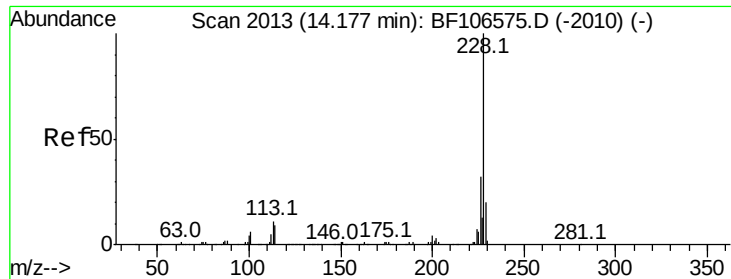
Sohil
 7/16/2018 3:22:25 PM



#80
 Benzo(a)anthracene
 Concen: 3.248 ng
 RT: 14.12 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: BF107369.D
 Acq: 13 Jul 2018 16:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.6	33.8
229	23.0	15.8	23.6





#82

Chrysene

Concen: 3.078 ng

RT: 14.16 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BF107369.D

Acq: 13 Jul 2018 16:09

Instrument :

BNA_F

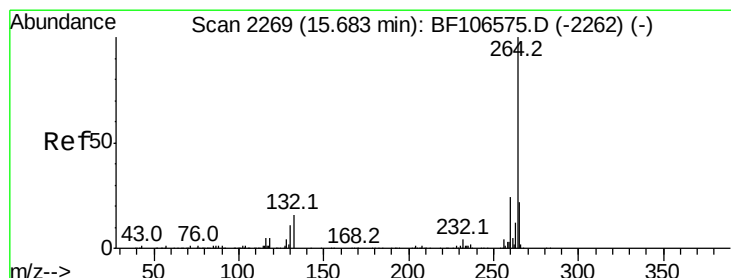
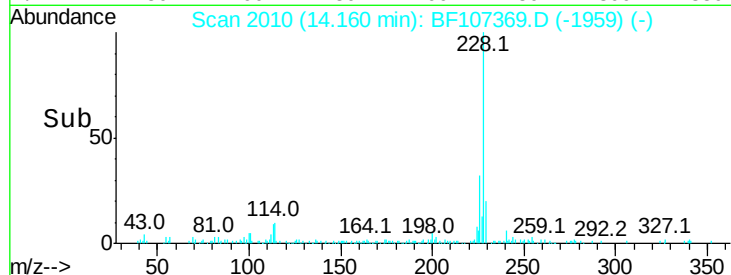
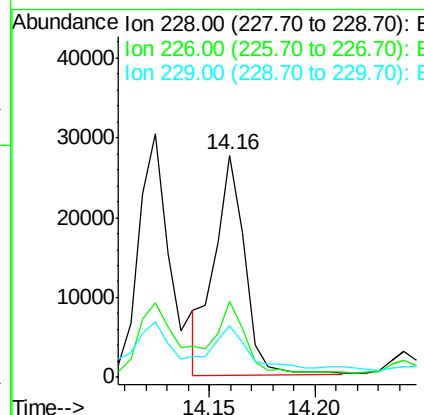
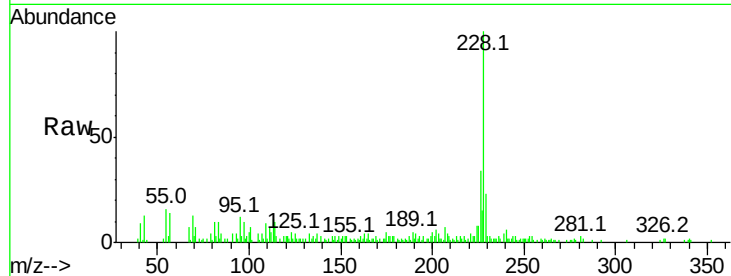
ClientSampleId :

CL-02-071118-C

Tot Ion:	228	Resp:	27256
Ion Ratio	Lower	Upper	
228	100		
226	34.0	25.0	37.6
229	23.2	16.2	24.4

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#86

Perylene-d12

Concen: 20.000 ng

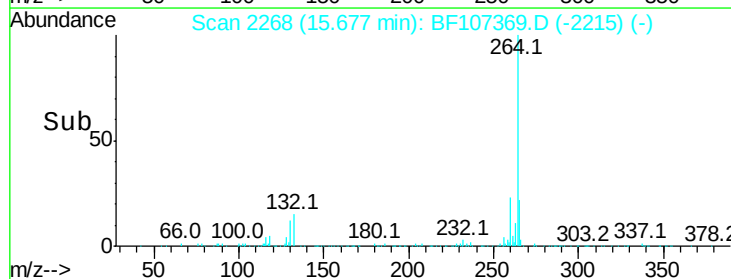
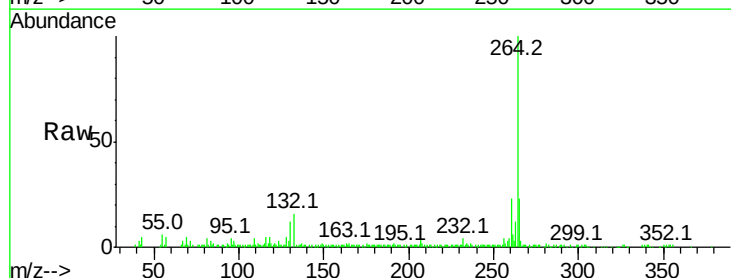
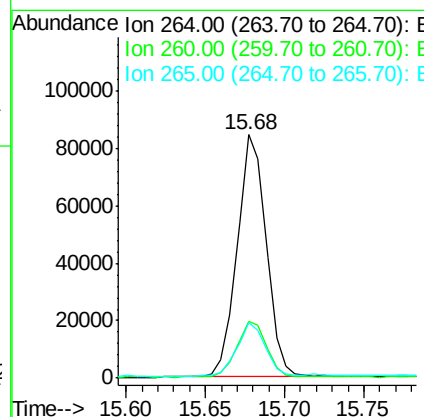
RT: 15.68 min Scan# 2268

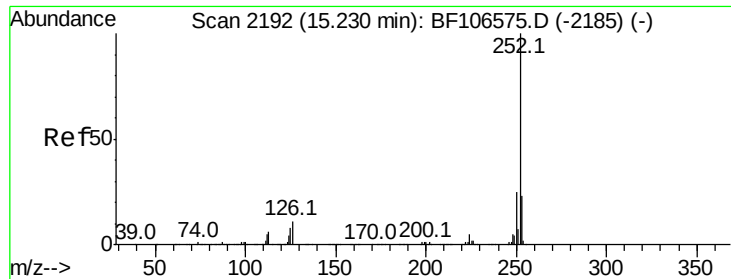
Delta R.T. 0.01 min

Lab File: BF107369.D

Acq: 13 Jul 2018 16:09

Tgt Ion:	264	Resp:	107826
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.2	28.8
265	22.6	17.5	26.3





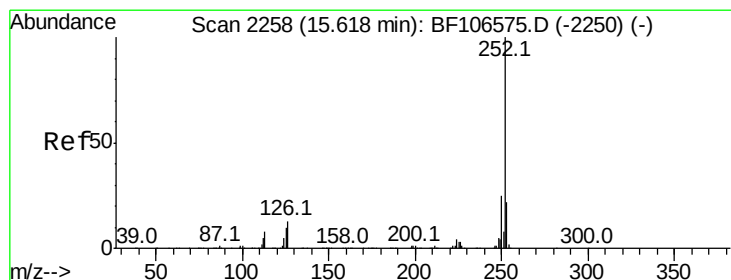
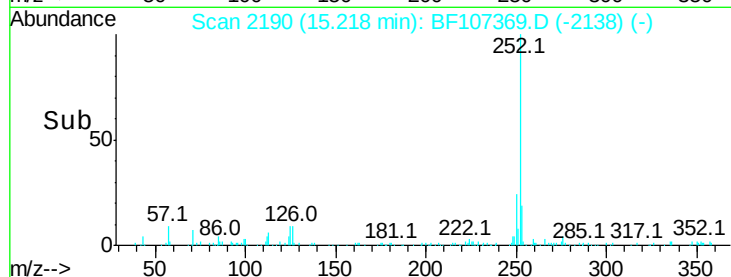
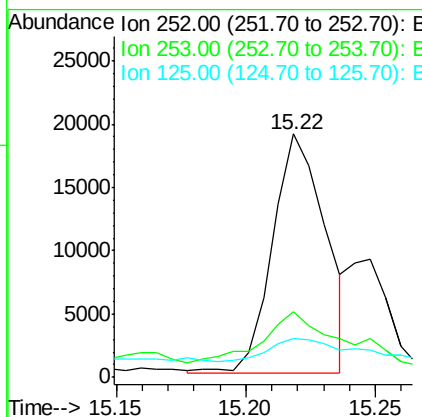
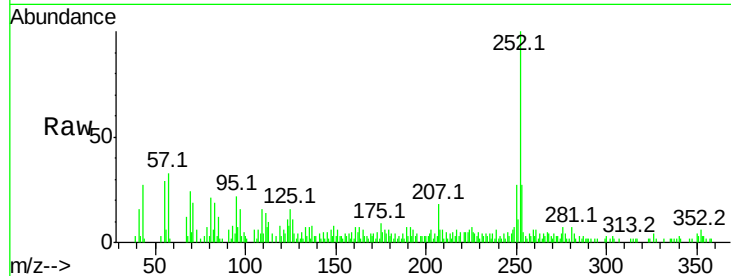
#87
Benzo(b)fluoranthene
Concen: 4.038 ng
RT: 15.22 min Scan# 2190
Delta R.T. 0.01 min
Lab File: BF107369.D
Acq: 13 Jul 2018 16:09

Instrument :
BNA_F
ClientSampleId :
CL-02-071118-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.0	25.6#
125	16.1	9.0	13.6#

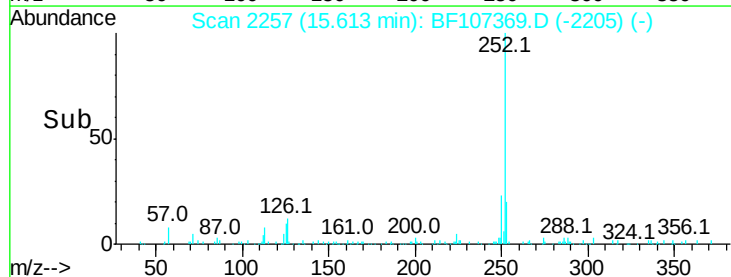
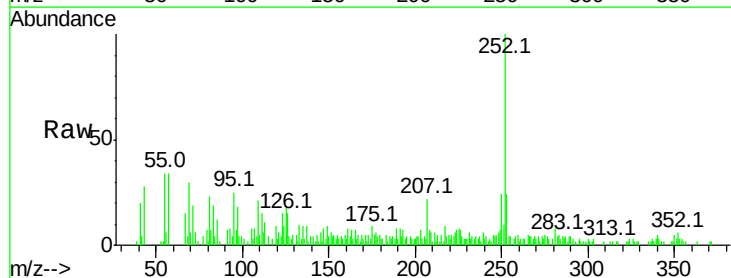
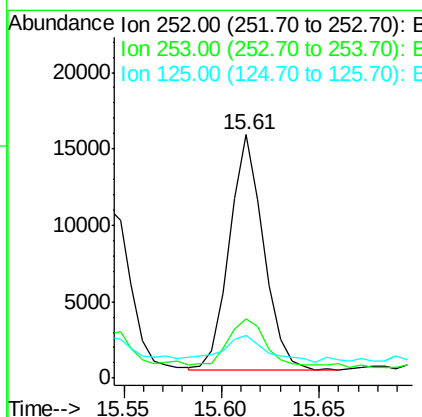
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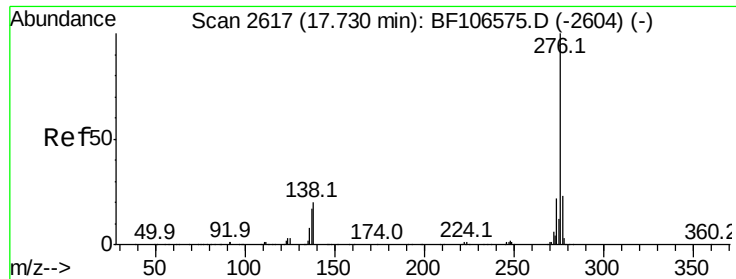
Sohil
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#89
Benzo(a)pyrene
Concen: 3.151 ng
RT: 15.61 min Scan# 2257
Delta R.T. 0.01 min
Lab File: BF107369.D
Acq: 13 Jul 2018 16:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.1	25.7
125	17.5	9.8	14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 2.313 ng
 RT: 17.77 min Scan# 2623
 Delta R.T. 0.02 min
 Lab File: BF107369.D
 Acq: 13 Jul 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-071118-C

Tot Ion	Ratio	Lower	Upper
276	100		
277	32.2	17.9	26.9#
138	22.1	21.8	32.8

Manual Integrations
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 7/16/2018 3:22:25 PM

