

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
 Data File : BF106454.D
 Acq On : 14 Jun 2018 20:38
 Operator : JU/SJ
 Sample : J3501-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10-S

Manual Integrations
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Sohil
 6/15/2018 11:16:54 AM

Quant Time: Jun 15 02:31:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 14 18:39:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	124226	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	455723	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	184990	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	330306	20.00	ng	0.00
75) Chrysene-d12	14.15	240	321010	20.00	ng	-0.01
86) Perylene-d12	15.69	264	226452	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	748101	101.92	ng	0.00
7) Phenol-d6	6.61	99	907834	97.90	ng	0.00
23) Nitrobenzene-d5	7.53	82	584363	75.43	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	195722	109.96	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	908609	88.29	ng	0.00
78) Terphenyl-d14	13.08	244	892717	69.07	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.71	163	119706	9.057	ng	99
70) Phenanthrene	11.52	178	34068	2.106	ng	99
74) Fluoranthene	12.71	202	98296	5.698	ng	95
77) Pyrene	12.94	202	112531	5.599	ng	98
80) Benzo(a)anthracene	14.14	228	64050	3.353	ng	98
82) Chrysene	14.18	228	59114	3.389	ng	97
87) Benzo(b)fluoranthene	15.24	252	57755m	4.219	ng	
89) Benzo(a)pyrene	15.62	252	37060	3.010	ng	95
91) Benzo(g,h,i)perylene	17.73	276	23732	2.379	ng	94

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

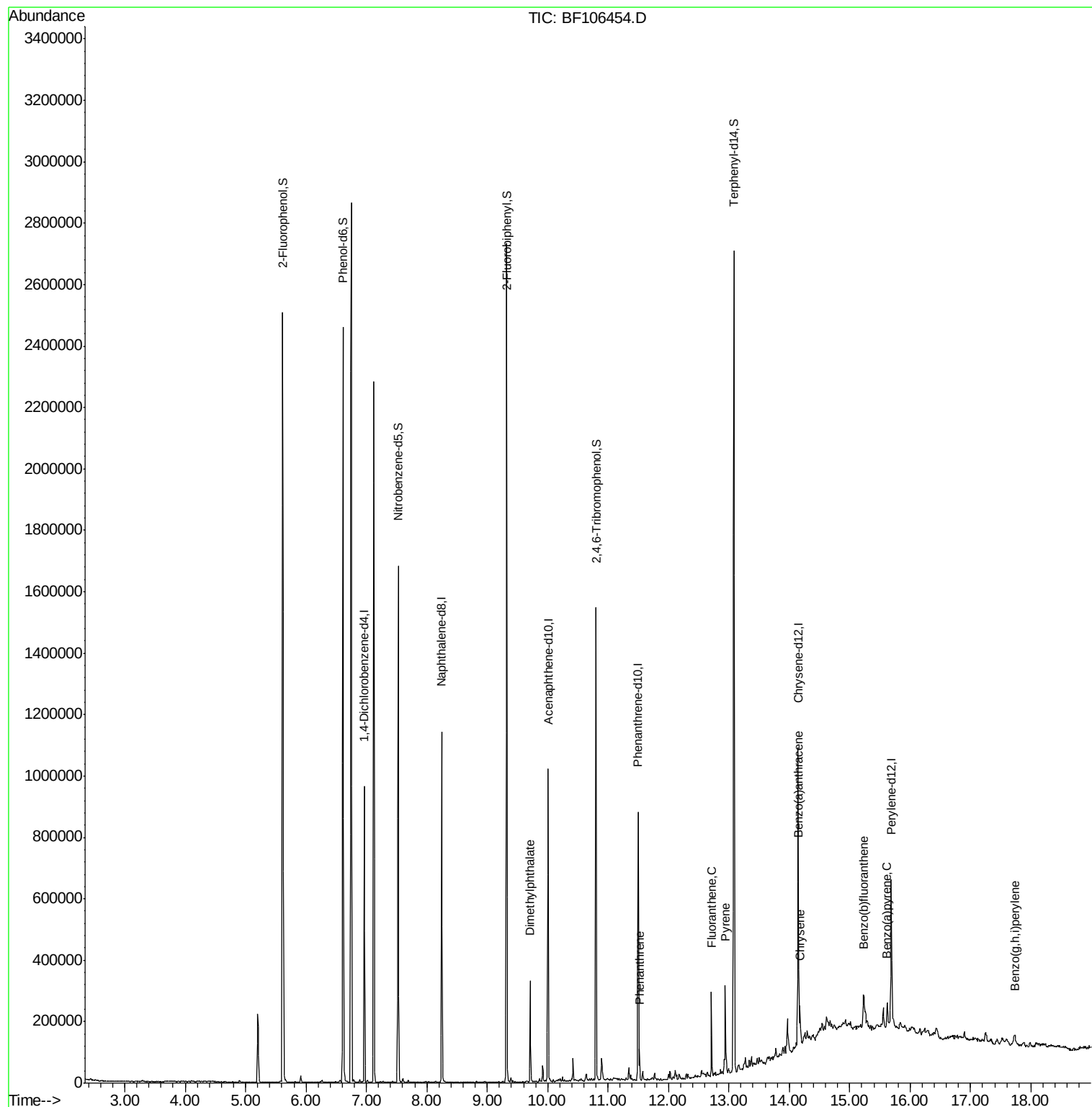
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106454.D
Acq On : 14 Jun 2018 20:38
Operator : JU/SJ
Sample : J3501-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

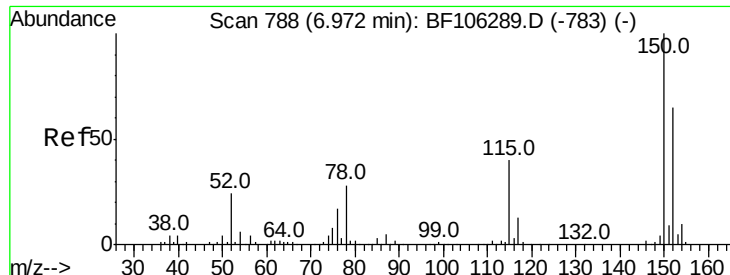
Instrument :
BNA_F
ClientSampleId :
TP-10-S

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#1

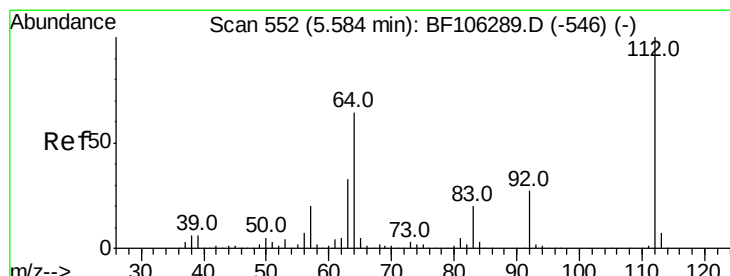
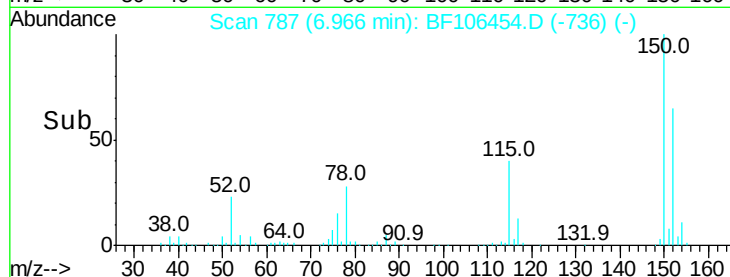
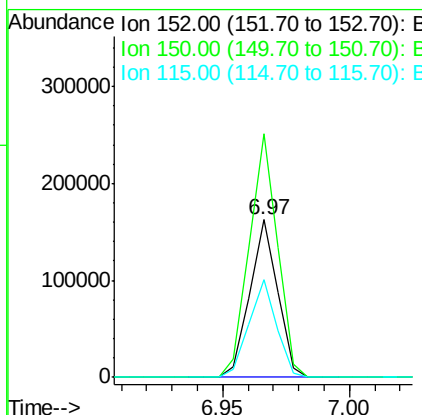
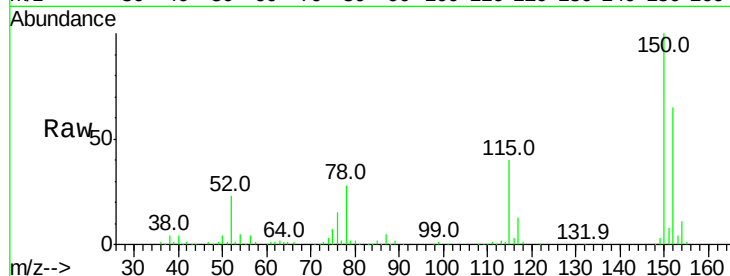
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106454.D
Acq: 14 Jun 2018 20:38

Instrument :
BNA_F
ClientSampleId :
TP-10-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	61.9	50.1	75.1

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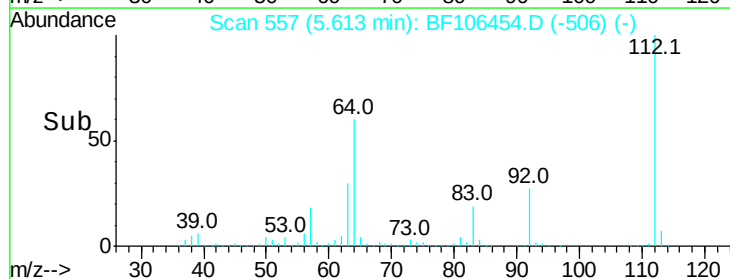
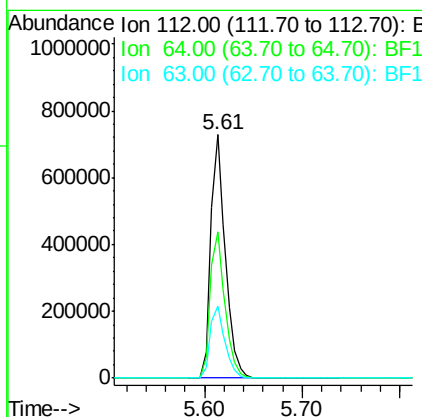
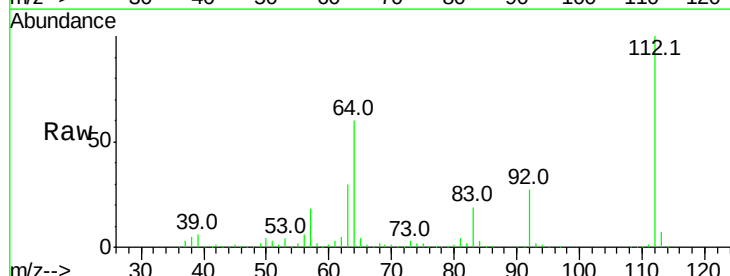
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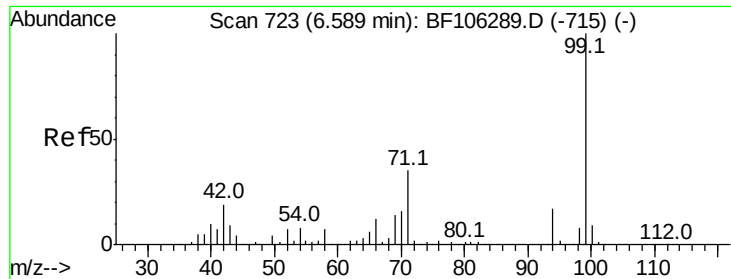


#5

2-Fluorophenol
Concen: 101.924 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF106454.D
Acq: 14 Jun 2018 20:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	47.9	71.9
63	29.8	23.7	35.5





#7

Phenol-d6

Concen: 97.899 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF106454.D

Acq: 14 Jun 2018 20:38

Instrument :

BNA_F

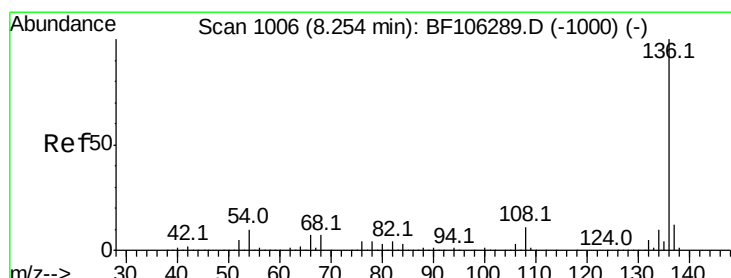
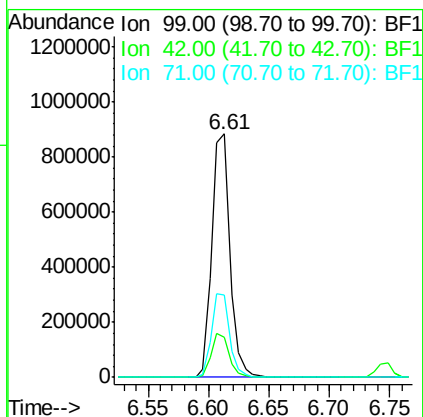
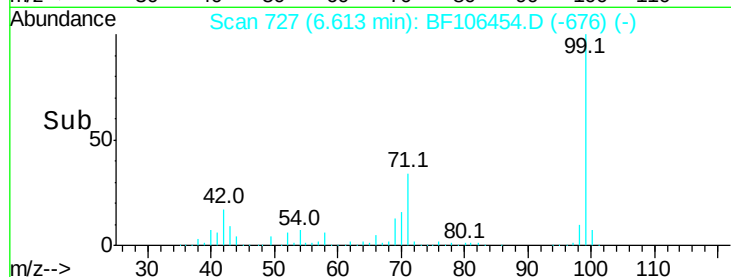
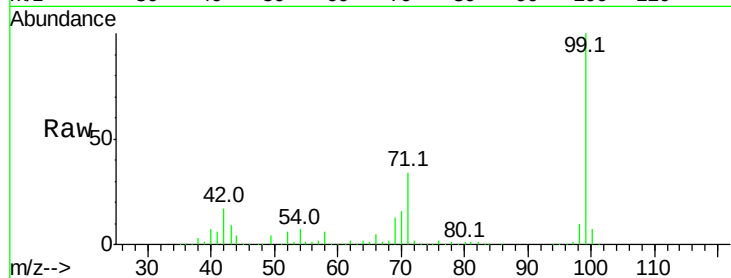
ClientSampled :

TP-10-S

Tot Ion:	99	Resp:	907834
Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.5	21.7
71	33.7	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

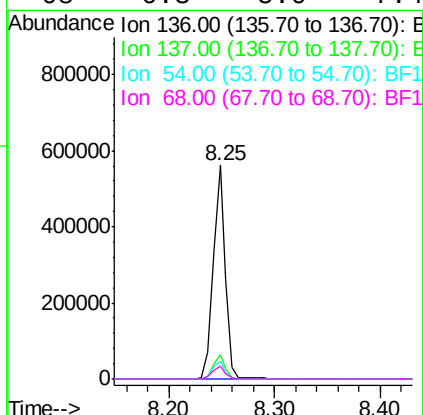
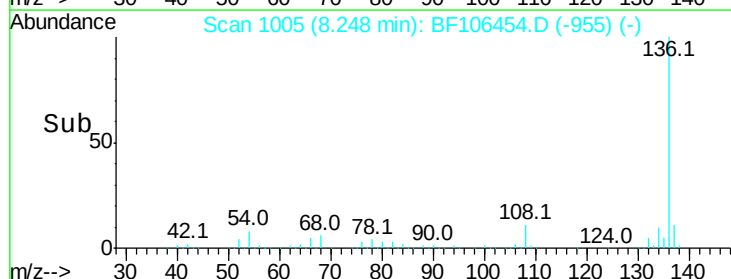
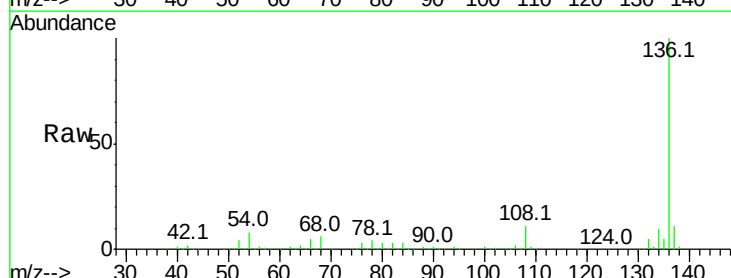
RT: 8.25 min Scan# 1005

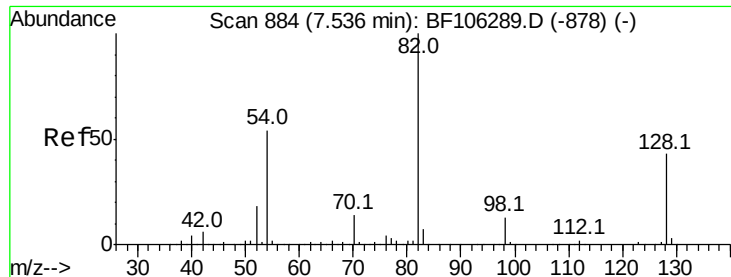
Delta R.T. -0.01 min

Lab File: BF106454.D

Acq: 14 Jun 2018 20:38

Tgt Ion:	136	Resp:	455723
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.3	6.6	9.8
68	6.3	5.0	7.4





#23

Nitrobenzene-d5

Concen: 75.434 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF106454.D

Acq: 14 Jun 2018 20:38

Instrument :

BNA_F

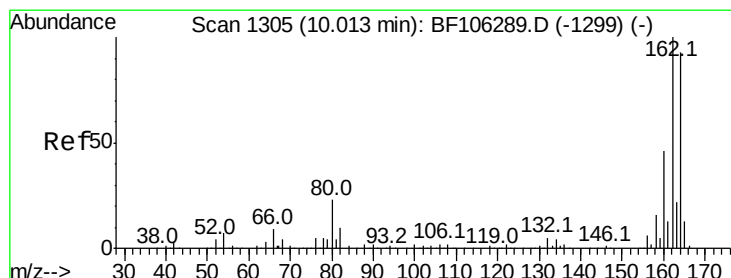
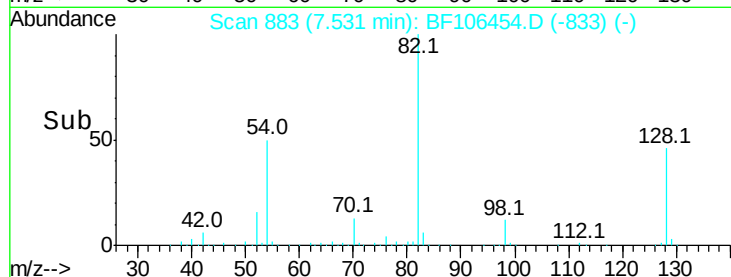
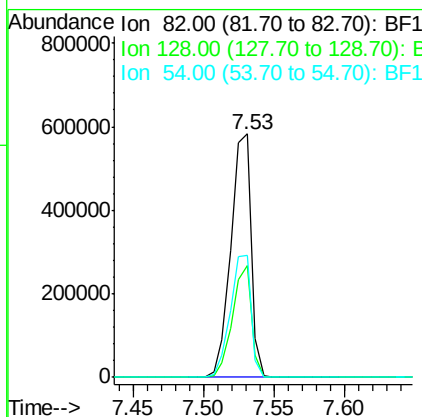
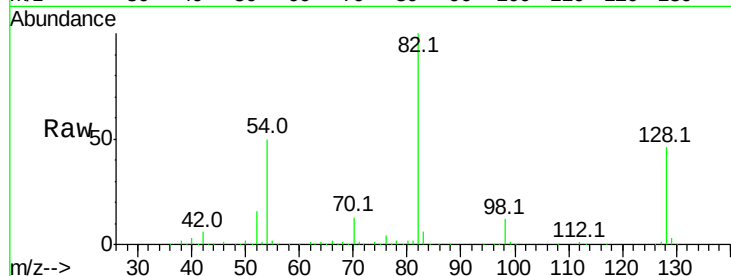
ClientSampled :

TP-10-S

Tot Ion:	82	Resp:	584363
Ion Ratio	Lower	Upper	
82	100		
128	45.7	36.1	54.1
54	50.2	41.4	62.2

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#38

Acenaphthene-d10

Concen: 20.000 ng

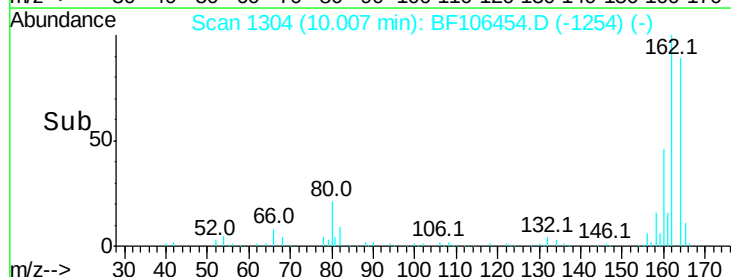
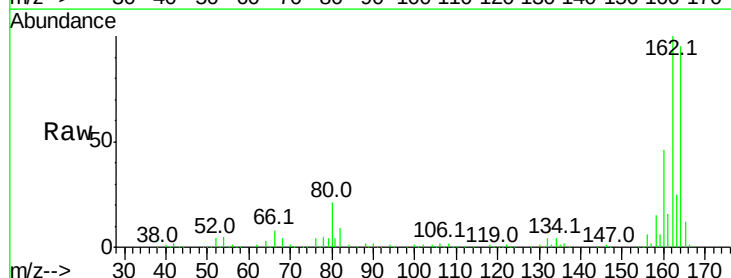
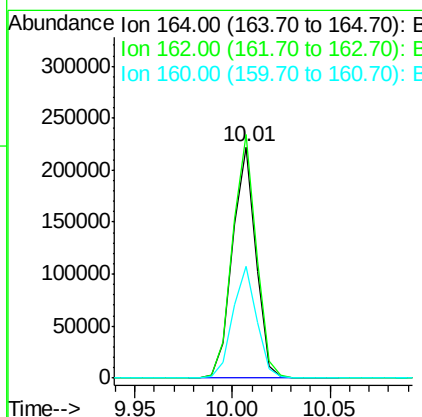
RT: 10.01 min Scan# 1304

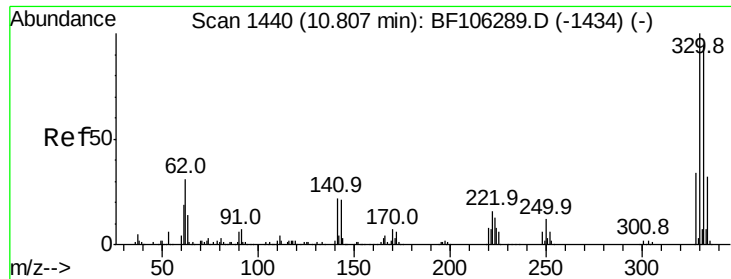
Delta R.T. -0.01 min

Lab File: BF106454.D

Acq: 14 Jun 2018 20:38

Tgt Ion:	164	Resp:	184990
Ion Ratio	Lower	Upper	
164	100		
162	105.2	86.1	129.1
160	48.6	38.3	57.5





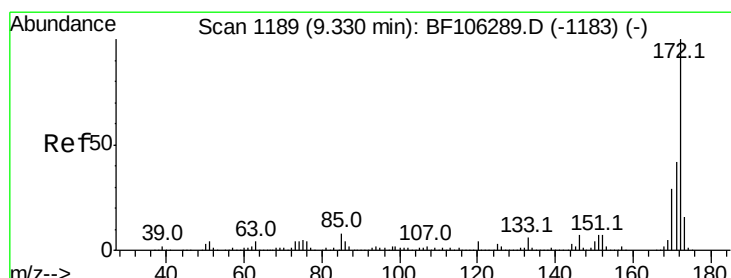
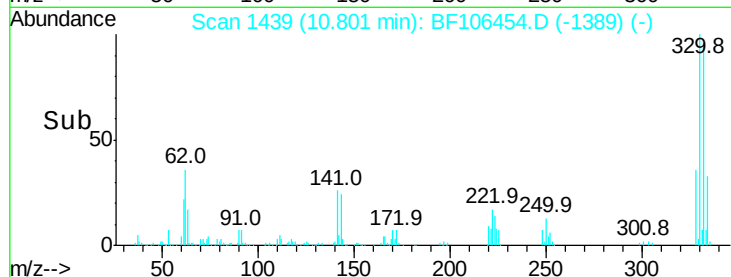
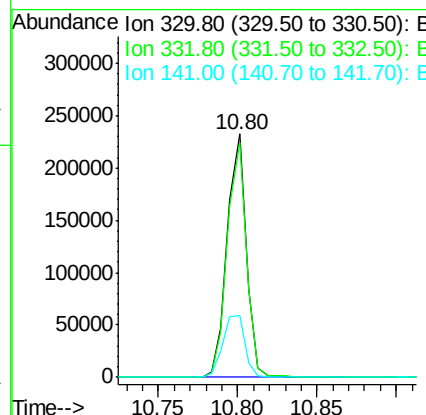
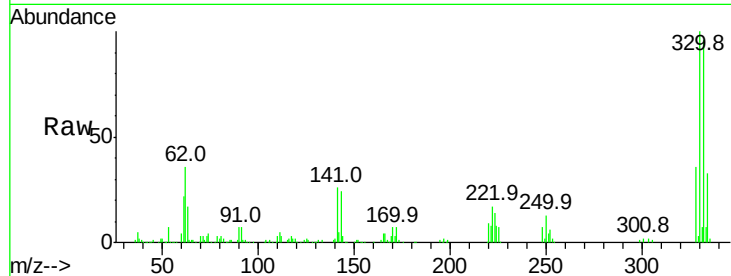
#41
 2,4,6-Tribromophenol
 Concen: 109.961 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106454.D
 Acq: 14 Jun 2018 20:38

Instrument :
 BNA_F
 ClientSampleId :
 TP-10-S

Tot Ion	Ratio	Resp	Lower	Upper
330	100	195722		
332	96.6	77.0	115.6	
141	29.7	29.9	44.9	

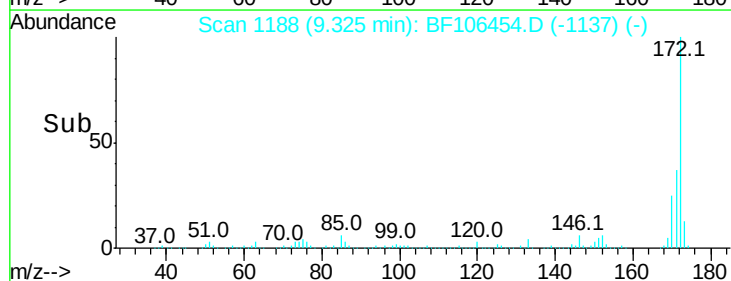
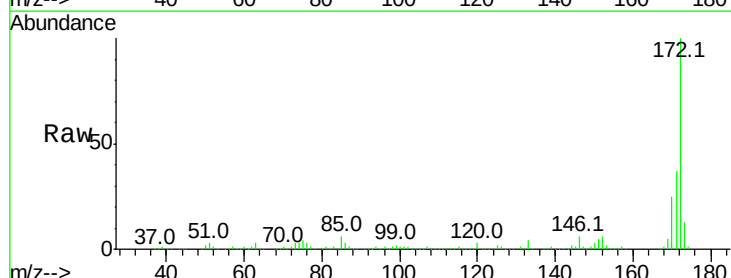
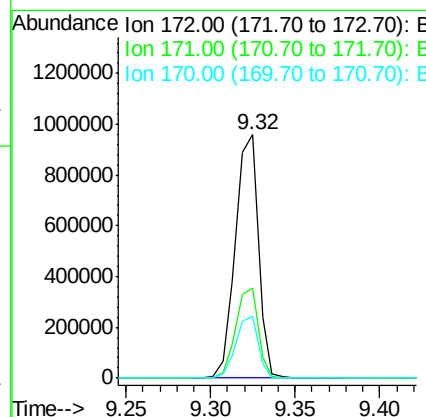
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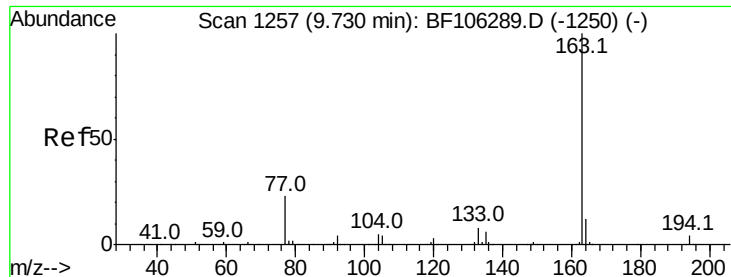
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 88.294 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF106454.D
 Acq: 14 Jun 2018 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	908609		
171	37.2	29.7	44.5	
170	25.3	19.6	29.4	





#49

Dimethylphthalate

Concen: 9.057 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF106454.D

Acq: 14 Jun 2018 20:38

Instrument :

BNA_F

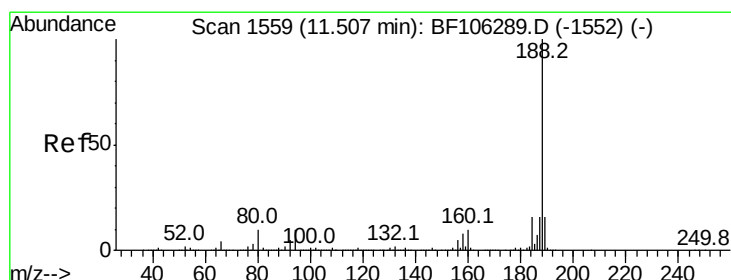
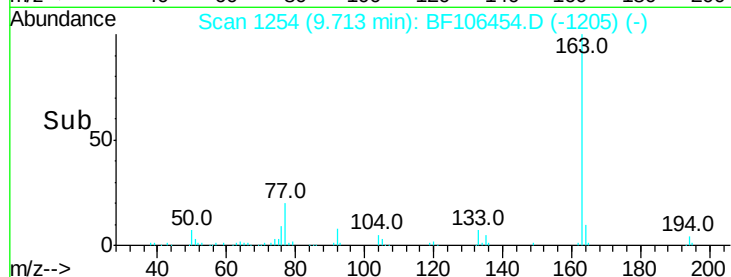
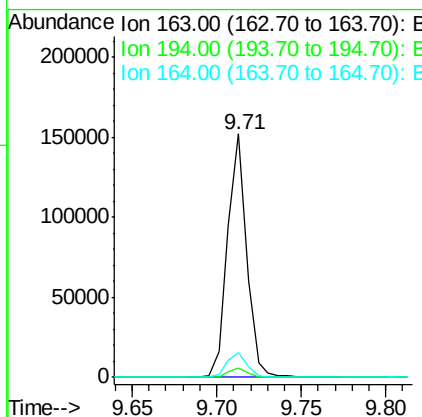
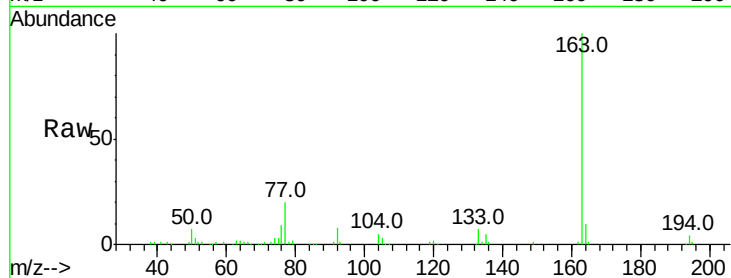
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
163	100	119706		
194	4.0		2.7	4.1
164	10.2		8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

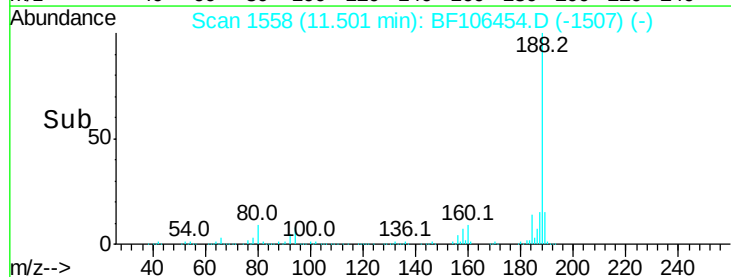
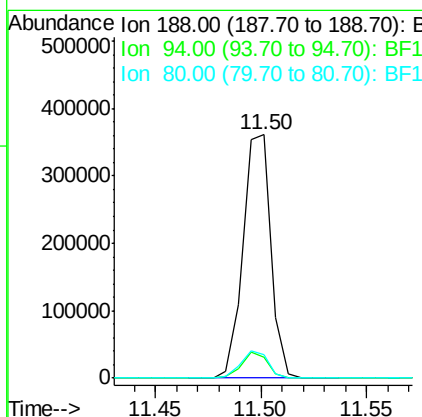
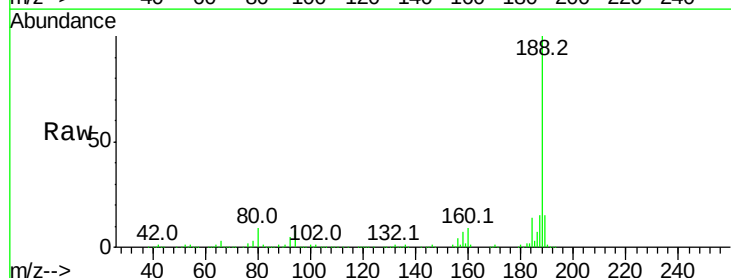
RT: 11.50 min Scan# 1558

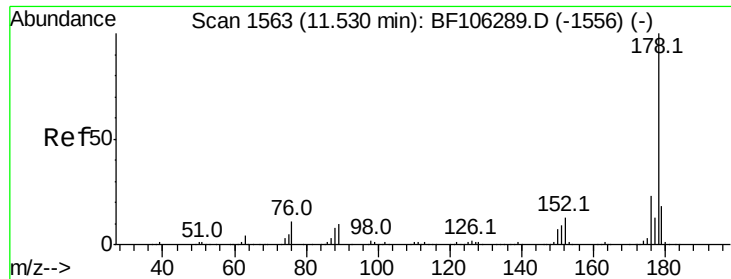
Delta R.T. -0.00 min

Lab File: BF106454.D

Acq: 14 Jun 2018 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	330306		
94	8.4		8.5	12.7#
80	9.4		9.2	13.8





#70

Phenanthrene

Concen: 2.106 ng

RT: 11.52 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF106454.D

Acq: 14 Jun 2018 20:38

Instrument :

BNA_F

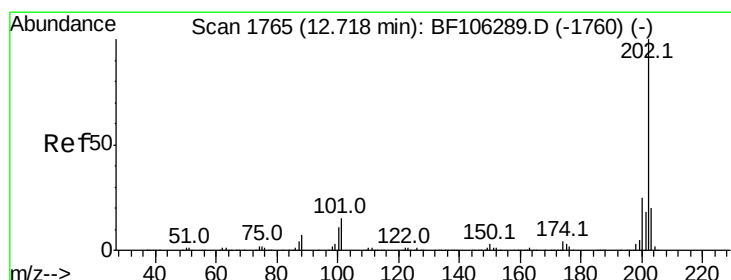
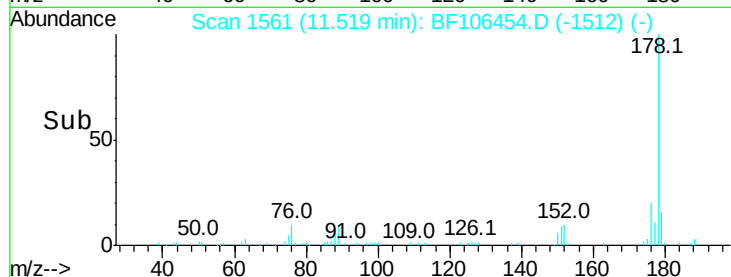
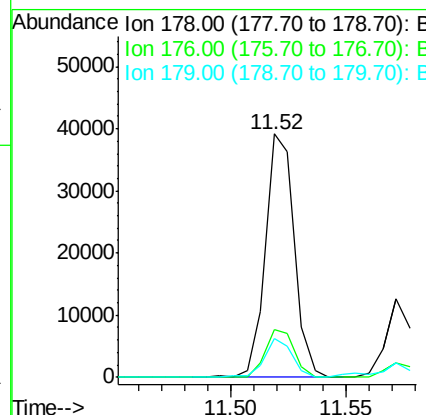
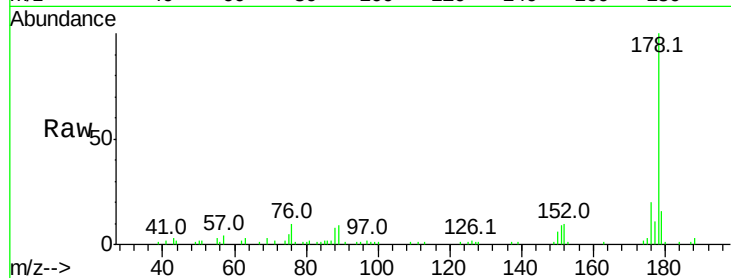
ClientSampled :

TP-10-S

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	16.0	13.0	19.6

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#74

Fluoranthene

Concen: 5.698 ng

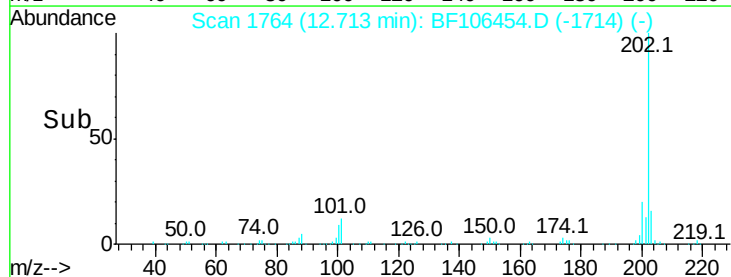
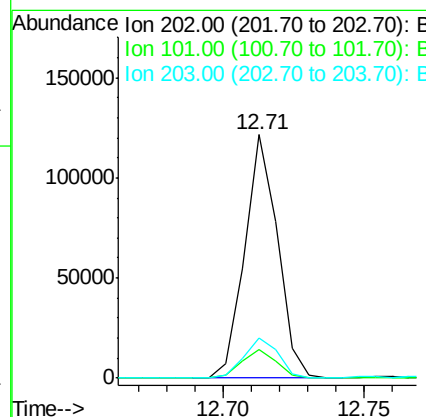
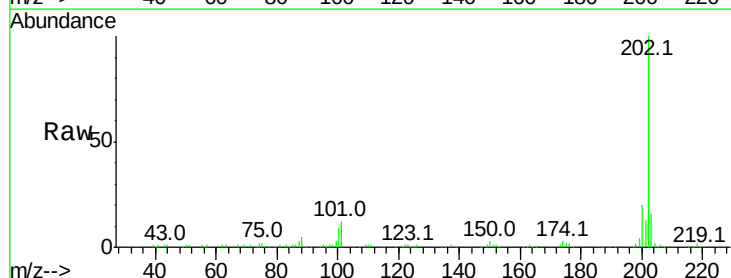
RT: 12.71 min Scan# 1764

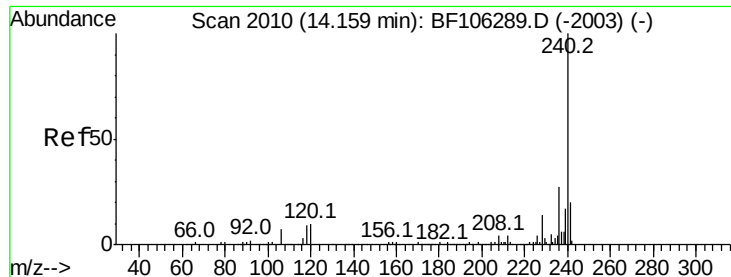
Delta R.T. -0.01 min

Lab File: BF106454.D

Acq: 14 Jun 2018 20:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	34.1
203	16.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106454.D

Acq: 14 Jun 2018 20:38

Instrument :

BNA_F

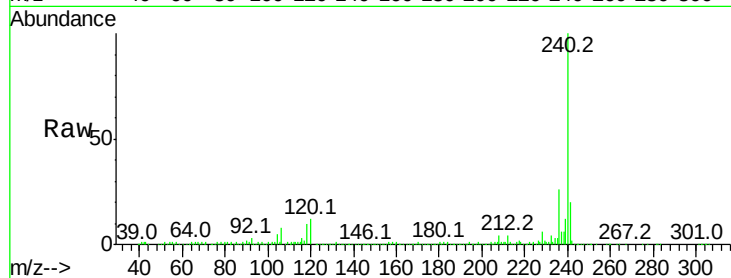
ClientSampled :

TP-10-S

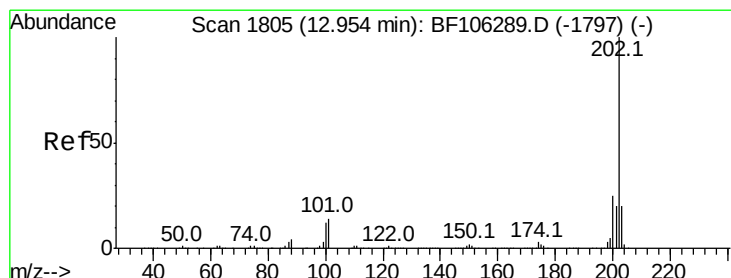
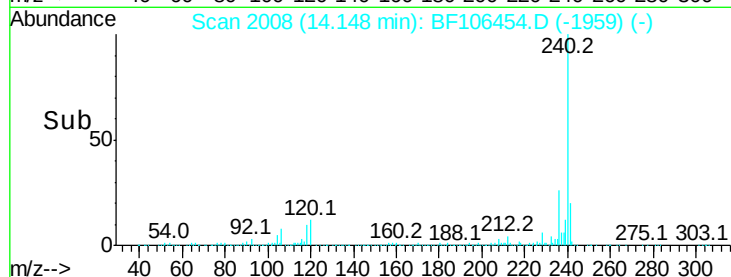
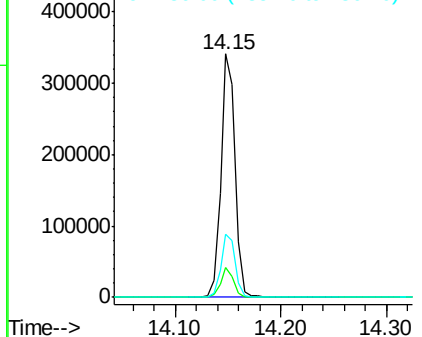
Tot Ion:	240	Resp:	321010
Ion Ratio	Lower	Upper	
240	100		
120	12.2	9.5	14.3
236	25.8	20.7	31.1

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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: 5.599 ng

RT: 12.94 min Scan# 1803

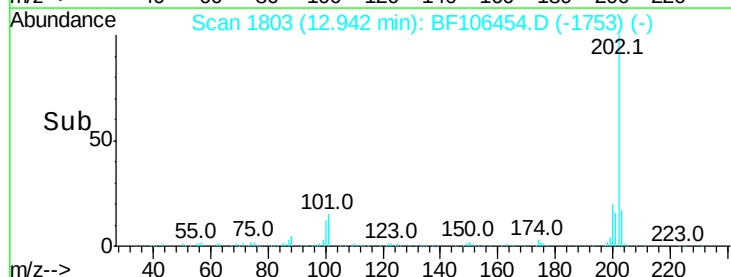
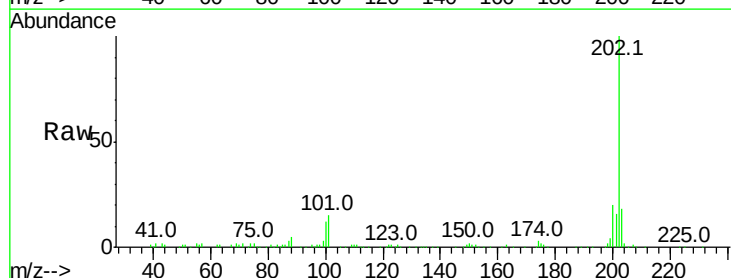
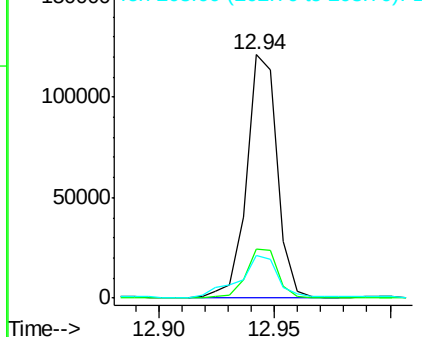
Delta R.T. -0.01 min

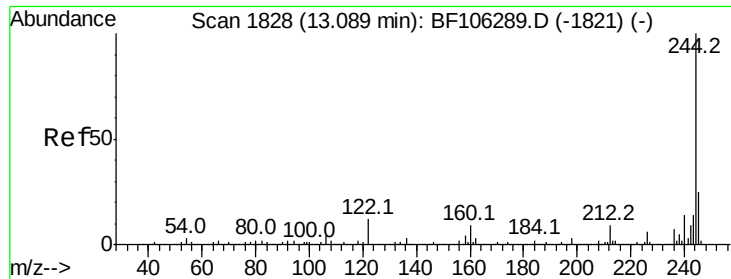
Lab File: BF106454.D

Acq: 14 Jun 2018 20:38

Tgt Ion:	202	Resp:	112531
Ion Ratio	Lower	Upper	
202	100		
200	20.0	17.4	26.2
203	17.5	14.3	21.5

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





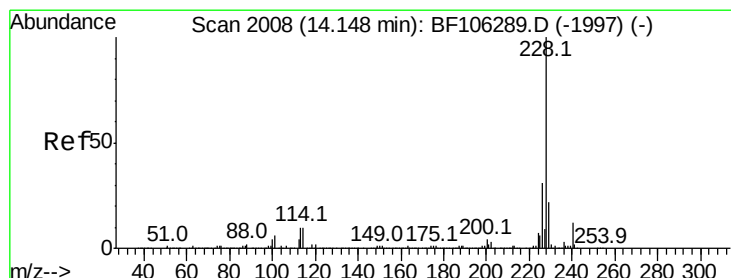
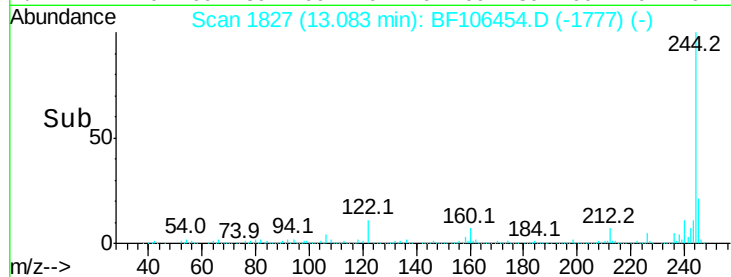
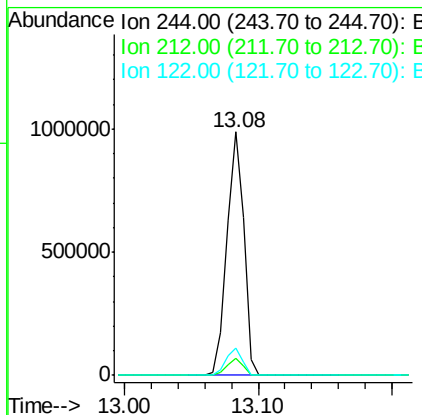
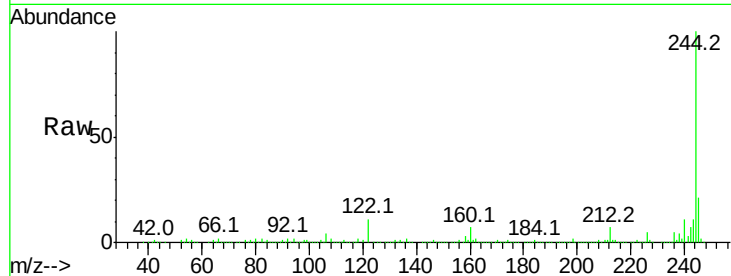
#78
 Terphenyl-d14
 Concen: 69.073 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BF106454.D
 Acq: 14 Jun 2018 20:38

Instrument :
 BNA_F
 ClientSampled :
 TP-10-S

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	11.2	11.0	16.4

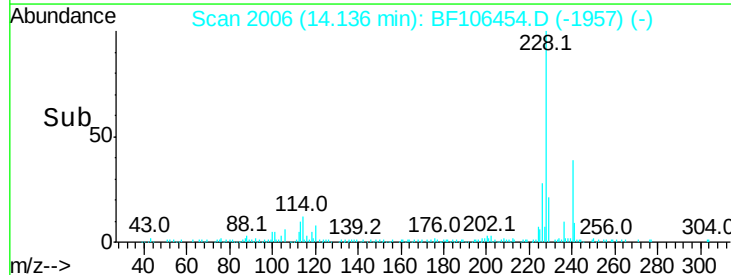
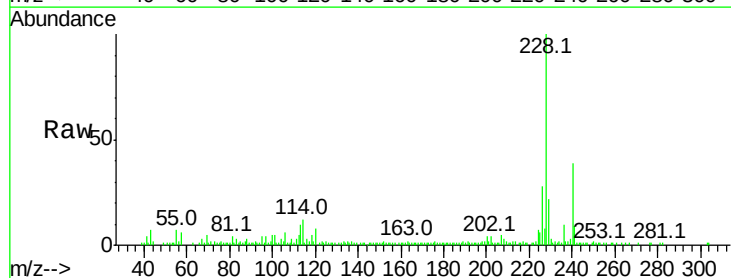
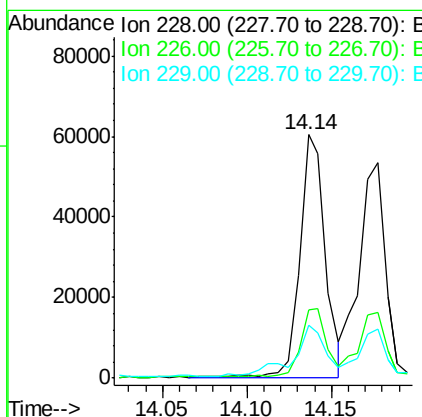
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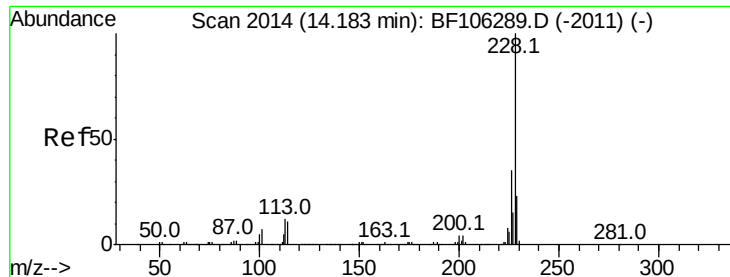
Sohil
 6/15/2018 11:16:54 AM



#80
 Benzo(a)anthracene
 Concen: 3.353 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF106454.D
 Acq: 14 Jun 2018 20:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	21.8	15.8	23.6





#82

Chrysene

Concen: 3.389 ng

RT: 14.18 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF106454.D

Acq: 14 Jun 2018 20:38

Instrument :

BNA_F

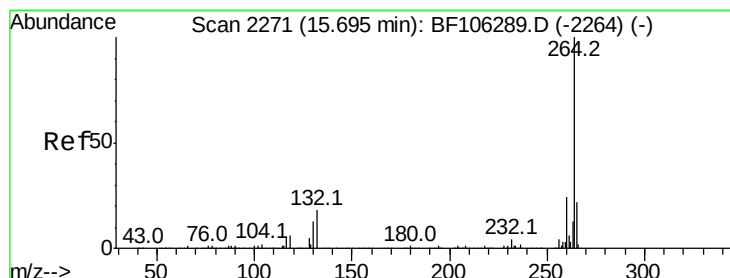
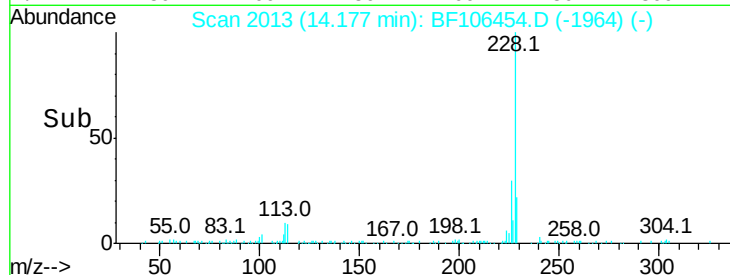
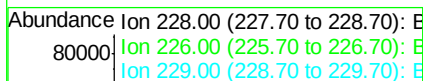
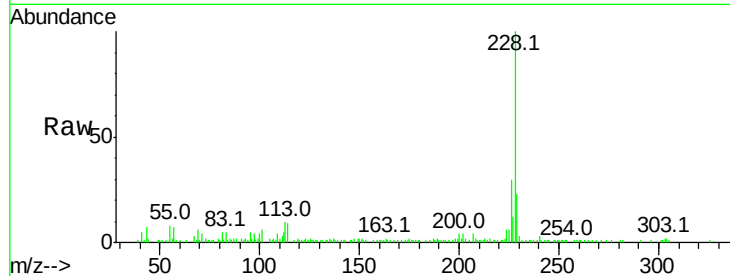
ClientSampleId :

TP-10-S

Tot Ion:	228	Resp:	59114
Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	22.7	16.2	24.4

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#86

Perylene-d12

Concen: 20.000 ng

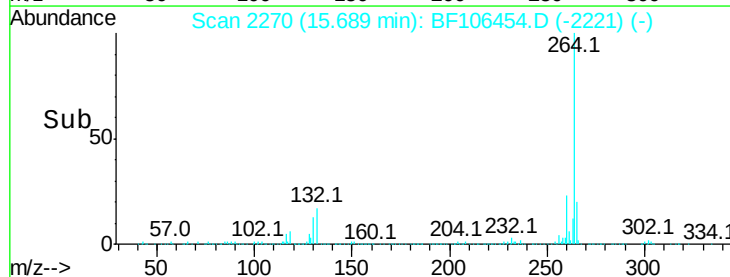
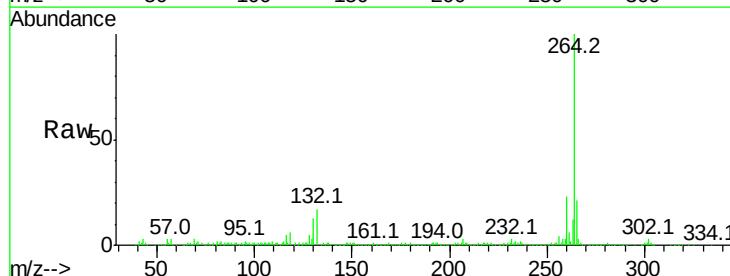
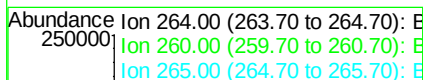
RT: 15.69 min Scan# 2270

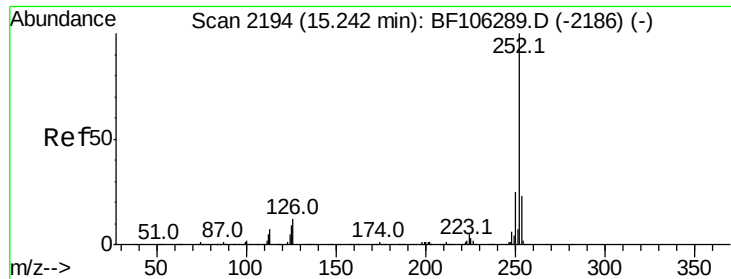
Delta R.T. -0.01 min

Lab File: BF106454.D

Acq: 14 Jun 2018 20:38

Tgt Ion:	264	Resp:	226452
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.8	17.5	26.3





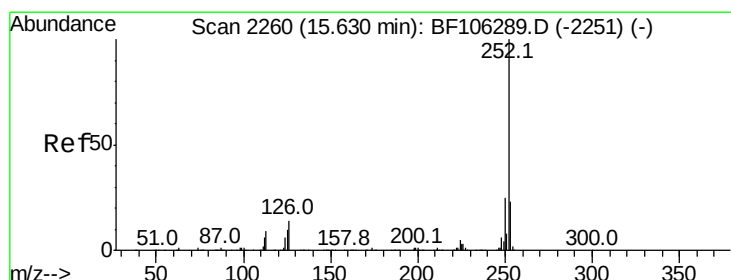
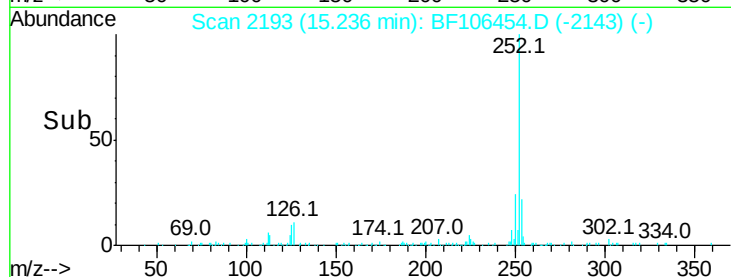
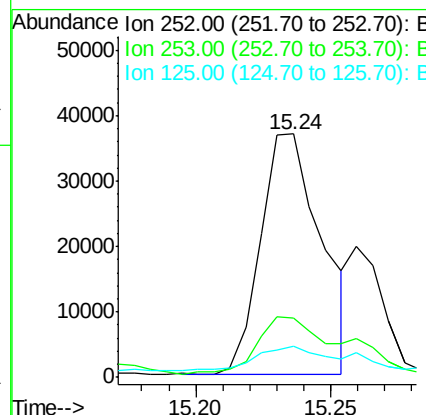
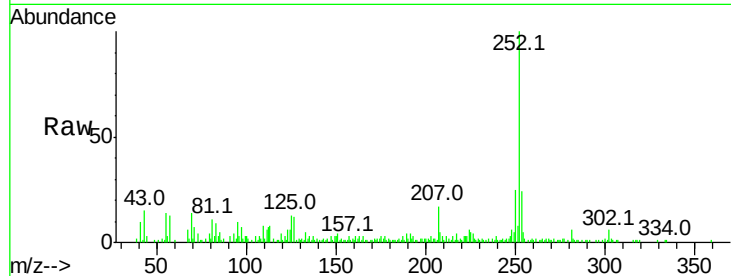
#87
Benzo(b)fluoranthene
Concen: 4.219 ng m
RT: 15.24 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BF106454.D
Acq: 14 Jun 2018 20:38

Instrument :
BNA_F
ClientSampled :
TP-10-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.0	25.6
125	13.0	9.0	13.6

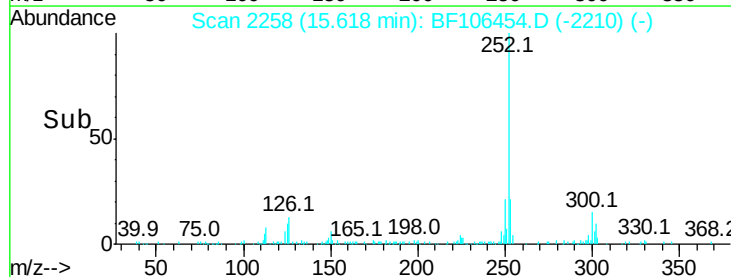
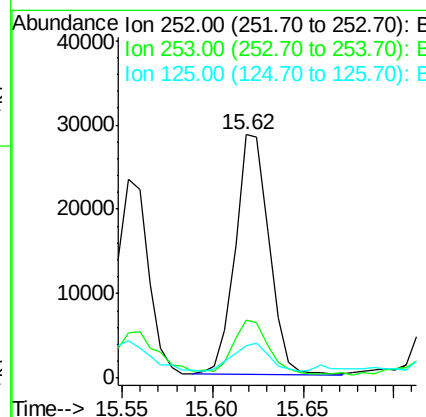
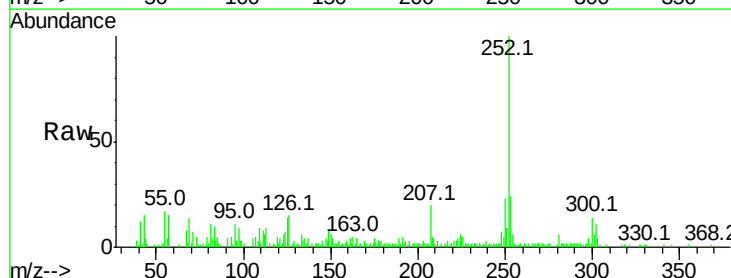
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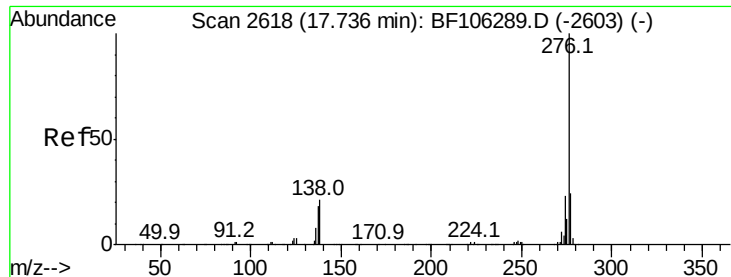
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#89
Benzo(a)pyrene
Concen: 3.010 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF106454.D
Acq: 14 Jun 2018 20:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	13.5	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.379 ng
 RT: 17.73 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF106454.D
 Acq: 14 Jun 2018 20:38

Instrument :
 BNA_F
 ClientSampleId :
 TP-10-S

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.5	17.9	26.9
138	24.3	21.8	32.8

Manual Integrations
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Sohil
 6/15/2018 11:16:54 AM

