

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
 Data File : BF106702.D
 Acq On : 22 Jun 2018 12:10
 Operator : JU/SJ
 Sample : J3603-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26KV-TP-8

Manual Integrations
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Quant Time: Jun 22 12:40:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 22 11:34:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	64940	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	253062	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	133738	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	262355	20.00	ng	0.00
75) Chrysene-d12	14.15	240	199472	20.00	ng	0.00
86) Perylene-d12	15.69	264	207613	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	408182	106.43	ng	0.00
7) Phenol-d6	6.61	99	524225	109.46	ng	0.00
23) Nitrobenzene-d5	7.52	82	352434	77.40	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	168537	108.73	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	510548	60.34	ng	0.00
78) Terphenyl-d14	13.08	244	533338	64.77	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	34681	3.458	ng	99
70) Phenanthrene	11.52	178	35042	2.769	ng	98
74) Fluoranthene	12.71	202	43847	3.144	ng	98
77) Pyrene	12.94	202	39914	3.034	ng	98
80) Benzo(a)anthracene	14.14	228	25063	2.062	ng	# 84
82) Chrysene	14.17	228	31941	2.856	ng	# 93
87) Benzo(b)fluoranthene	15.23	252	30479m	2.363	ng	
89) Benzo(a)pyrene	15.62	252	23633	2.061	ng	98

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

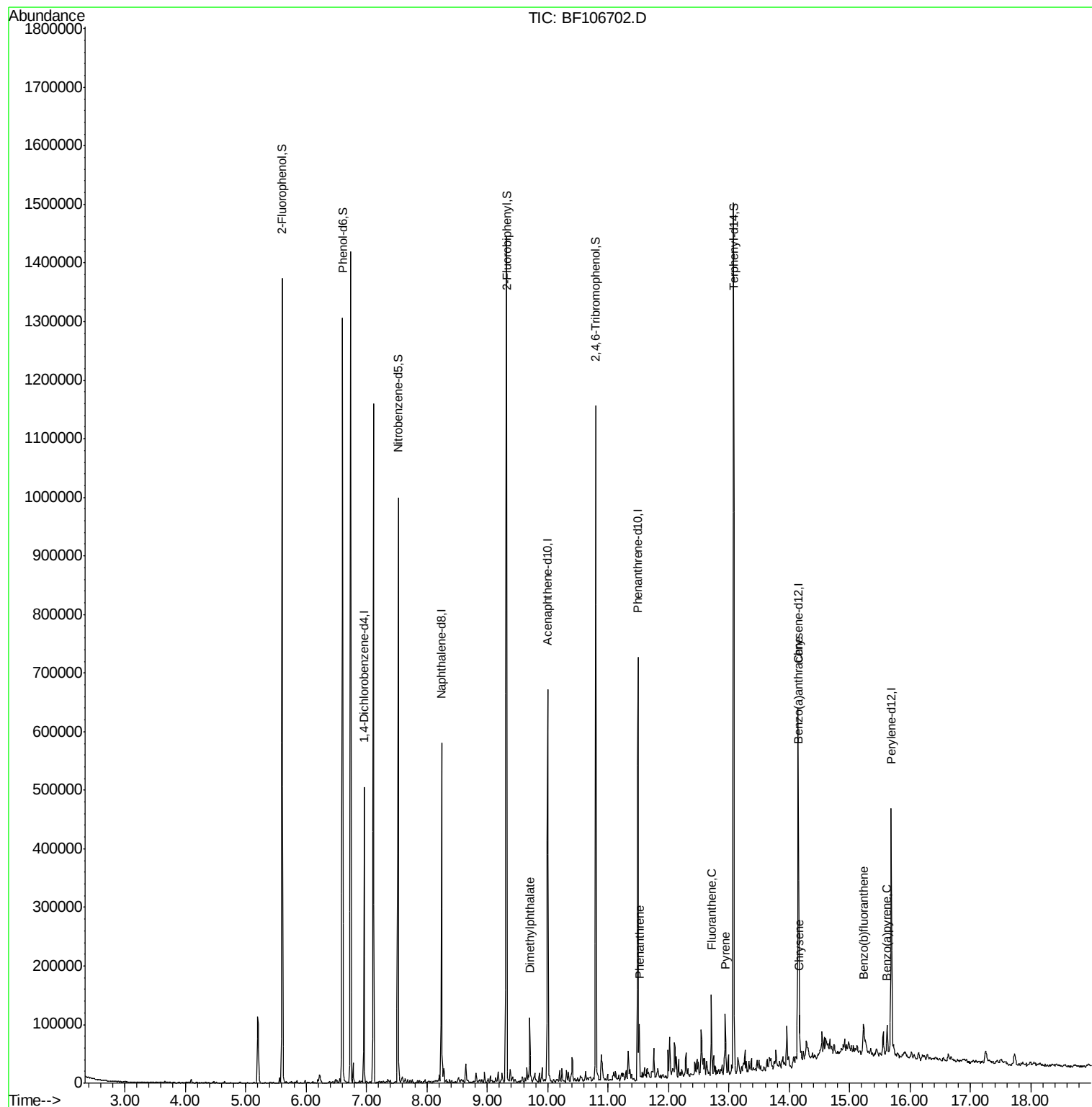
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
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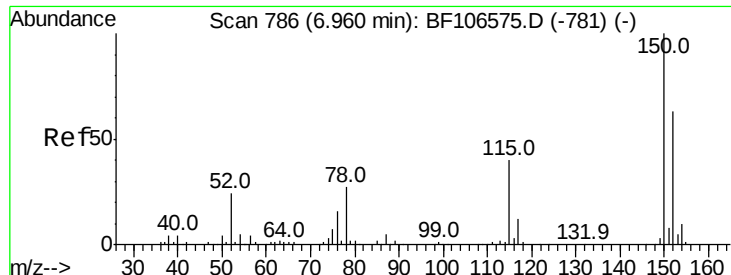
Instrument :
BNA_F
ClientSampleId :
26KV-TP-8

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

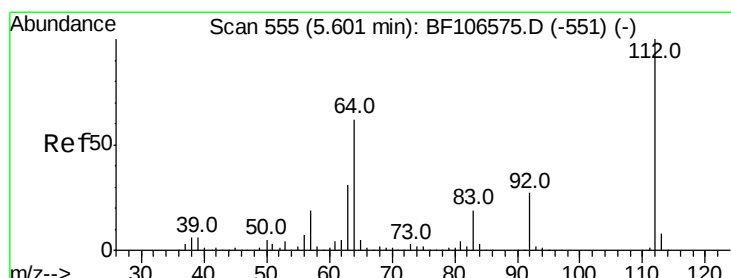
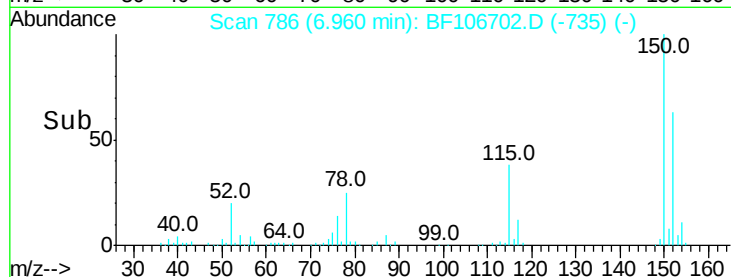
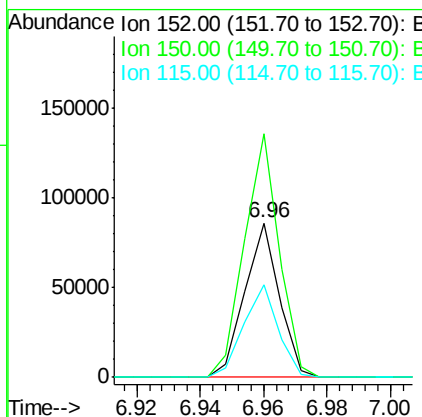
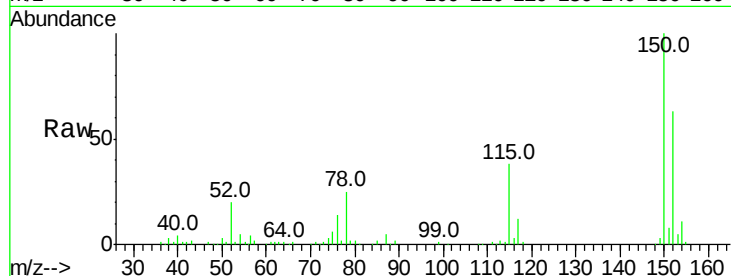
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106702.D
Acq: 22 Jun 2018 12:10

Instrument :
BNA_F
ClientSampleId :
26KV-TP-8

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	60.1	50.1	75.1

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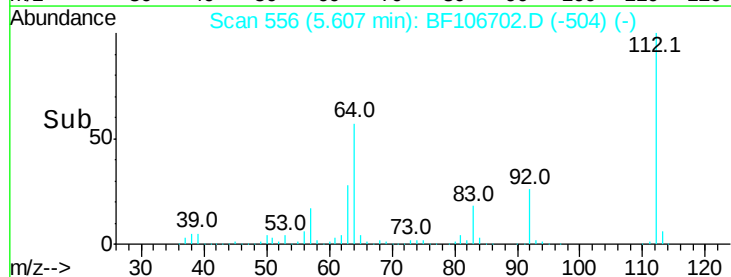
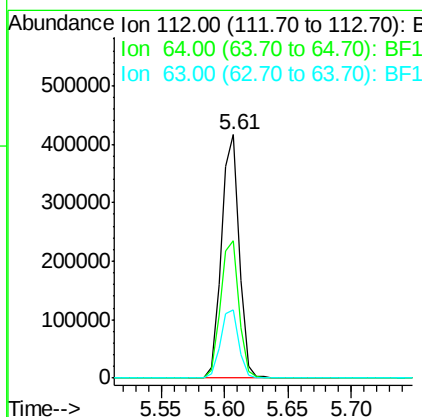
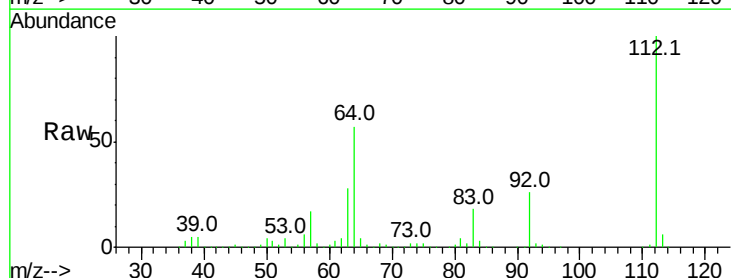
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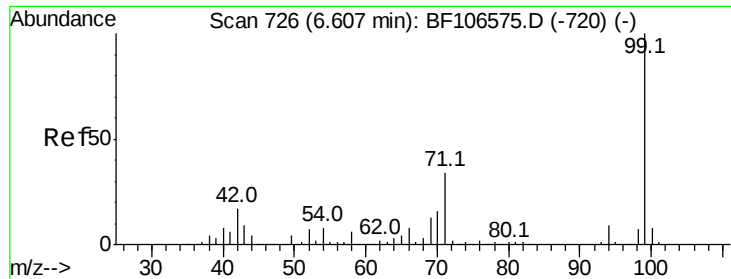


#5

2-Fluorophenol
Concen: 106.434 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106702.D
Acq: 22 Jun 2018 12:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.9	71.9
63	28.1	23.7	35.5





#7

Phenol-d6

Concen: 109.458 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF106702.D

Acq: 22 Jun 2018 12:10

Instrument :

BNA_F

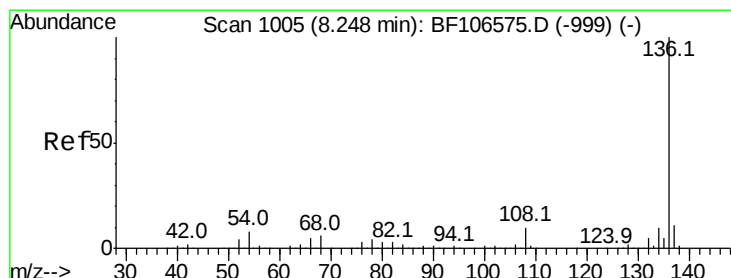
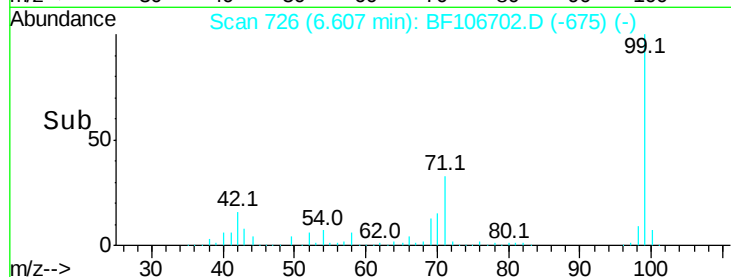
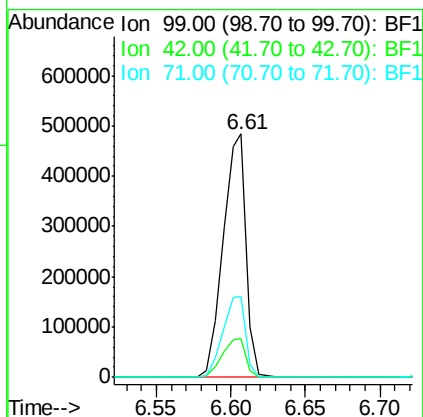
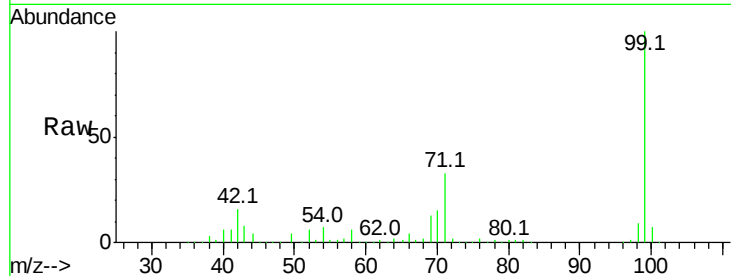
ClientSampleId :

26KV-TP-8

Tot Ion:	99	Resp:	524225
Ion Ratio	Lower	Upper	
99	100		
42	15.7	14.5	21.7
71	33.2	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

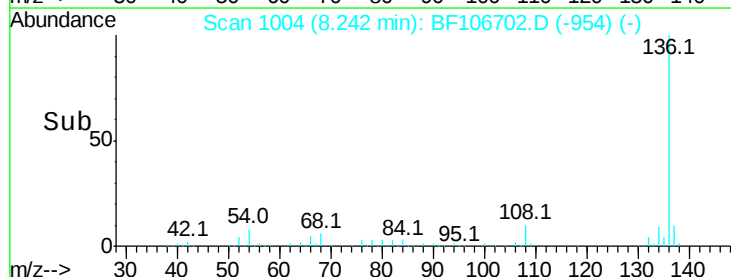
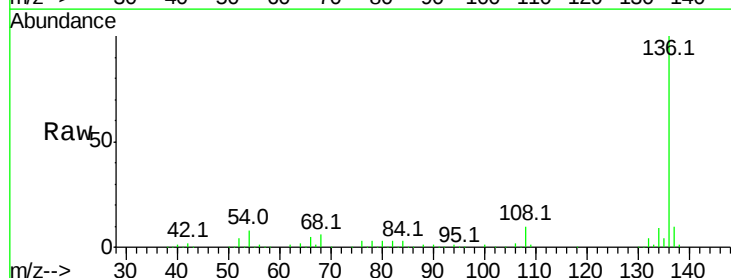
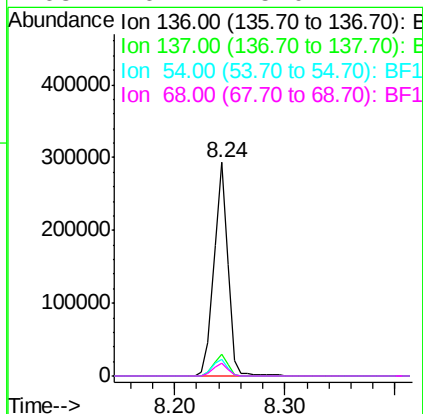
RT: 8.24 min Scan# 1004

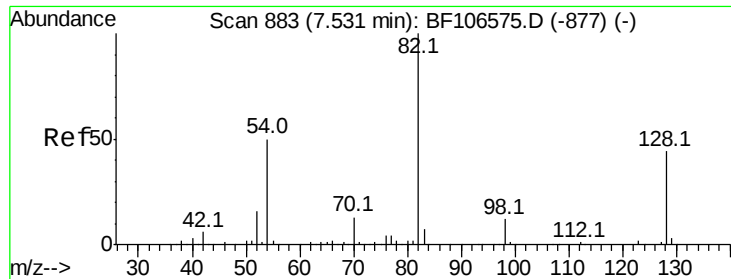
Delta R.T. -0.01 min

Lab File: BF106702.D

Acq: 22 Jun 2018 12:10

Tgt Ion:	136	Resp:	253062
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.9	13.3
54	7.9	6.6	9.8
68	6.2	5.0	7.4





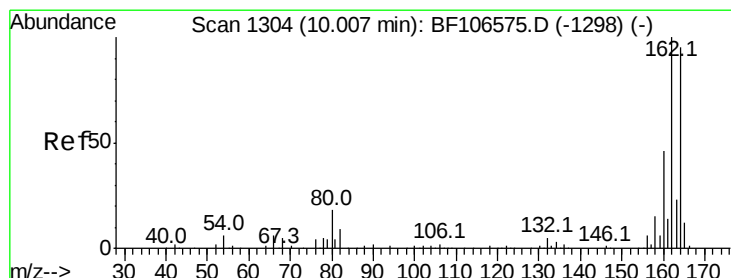
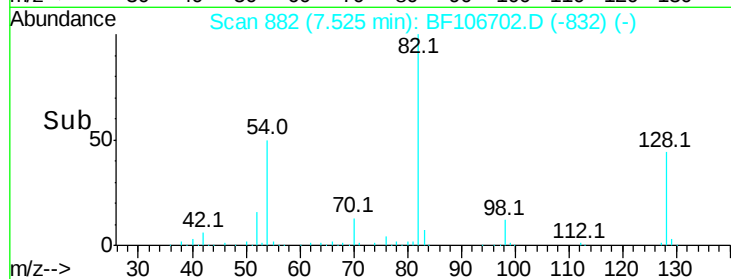
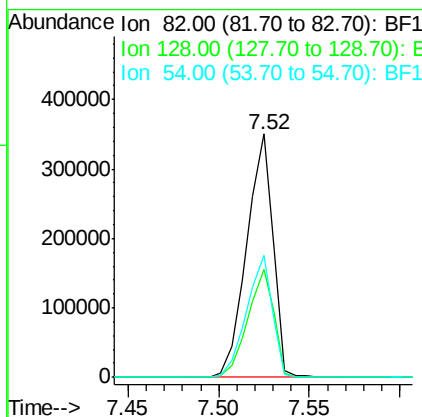
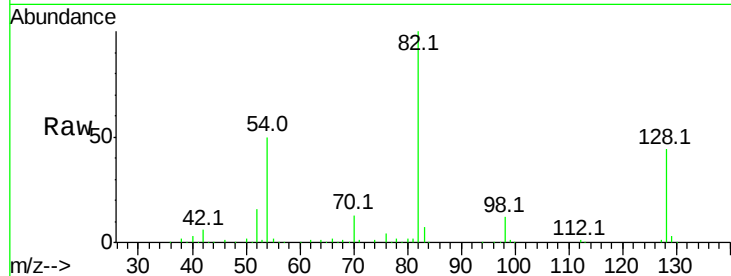
#23
Nitrobenzene-d5
Concen: 77.396 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106702.D
Acq: 22 Jun 2018 12:10

Instrument :
BNA_F
ClientSampleId :
26KV-TP-8

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	49.9	41.4	62.2

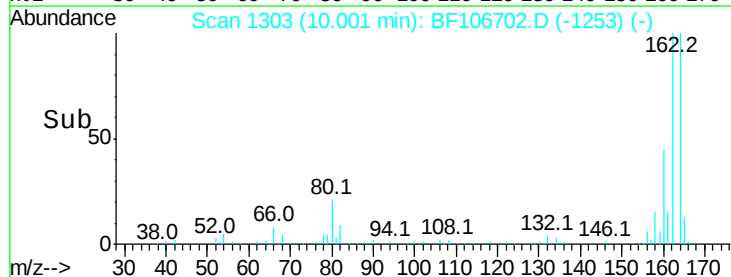
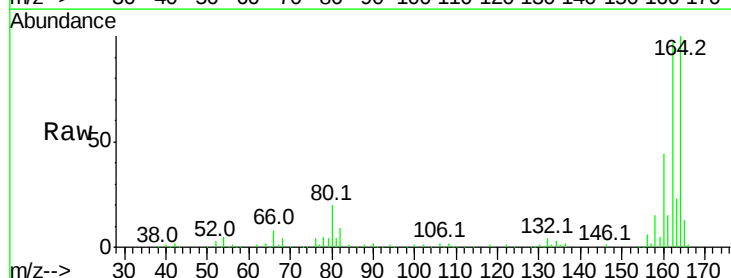
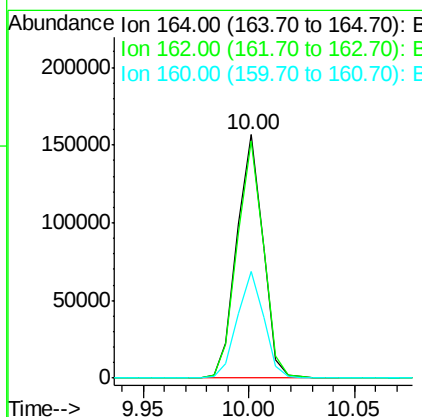
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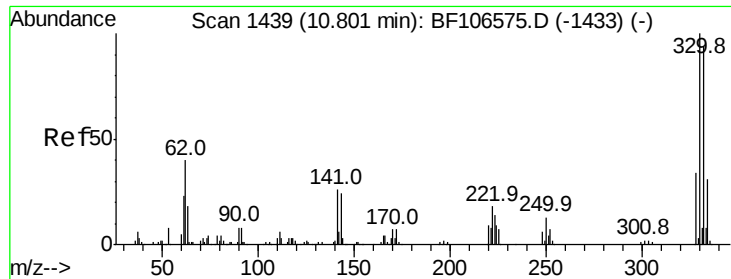
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106702.D
Acq: 22 Jun 2018 12:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.4	86.1	129.1
160	43.6	38.3	57.5





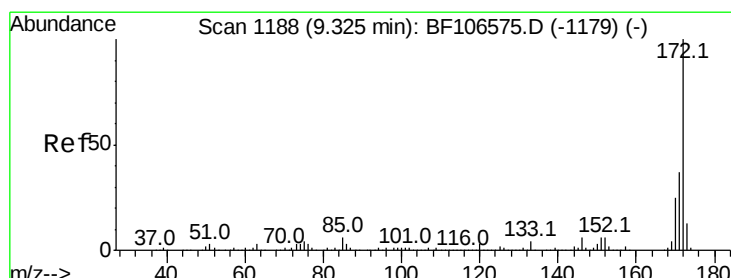
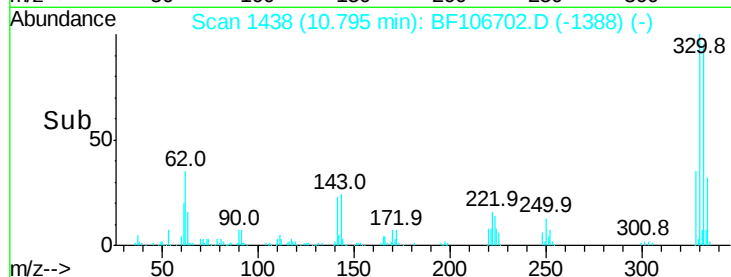
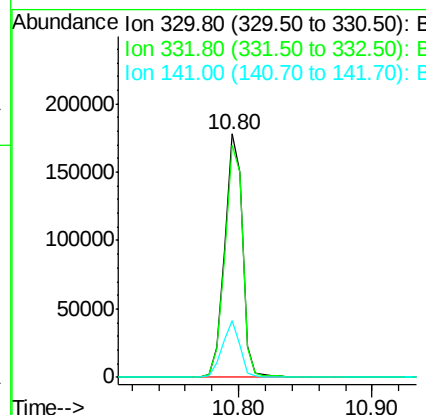
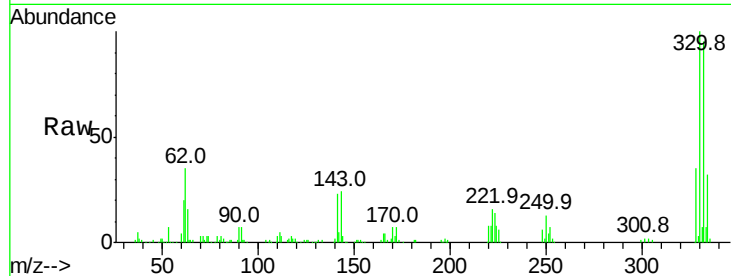
#41
 2,4,6-Tribromophenol
 Concen: 108.729 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106702.D
 Acq: 22 Jun 2018 12:10

Instrument :
 BNA_F
 ClientSampleId :
 26KV-TP-8

Tot Ion	Ratio	Resp	Lower	Upper
330	100	168537		
332	96.1	77.0	115.6	
141	23.3	29.9	44.9#	

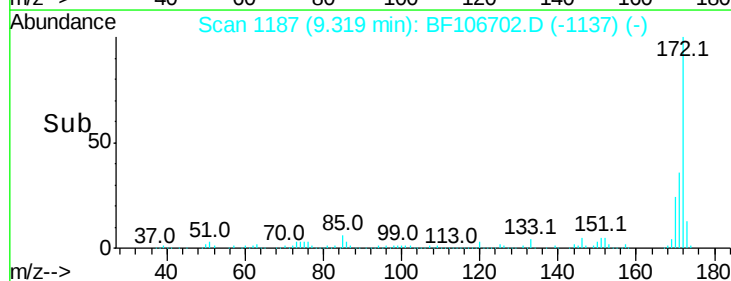
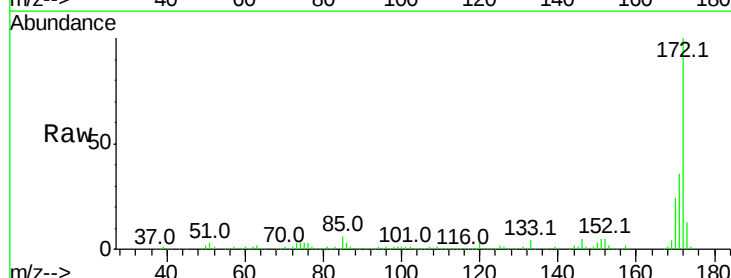
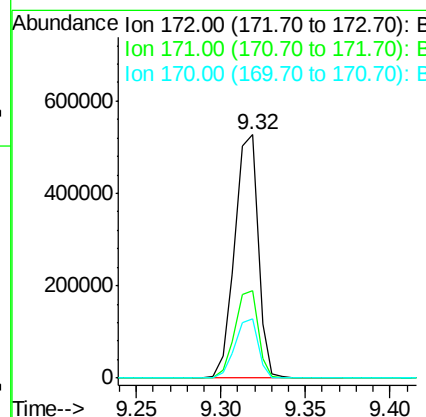
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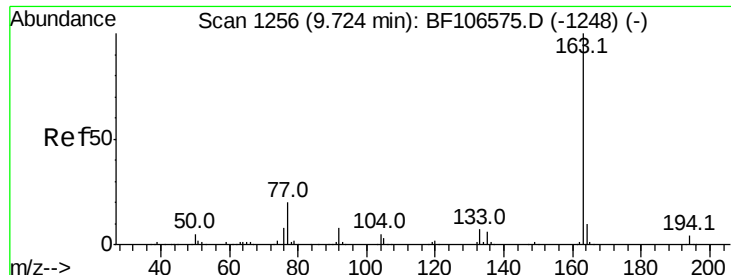
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#44
 2-Fluorobiphenyl
 Concen: 60.336 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106702.D
 Acq: 22 Jun 2018 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	510548		
171	36.0	29.7	44.5	
170	24.3	19.6	29.4	





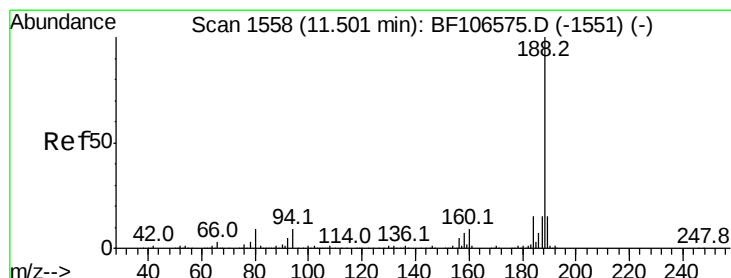
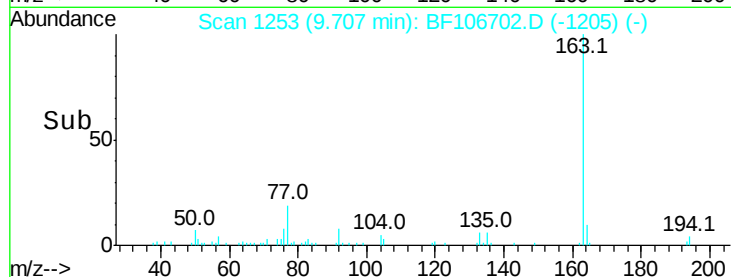
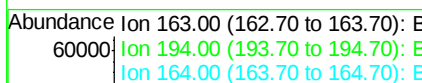
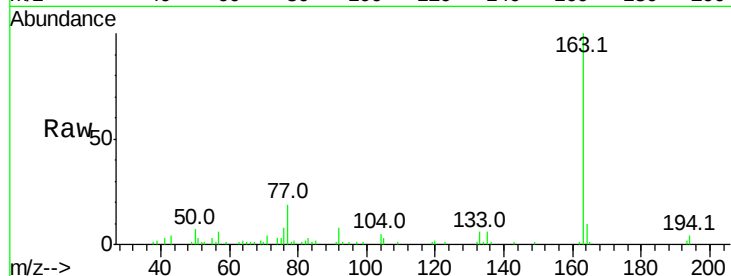
#49
 Dimethylphthalate
 Concen: 3.458 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF106702.D
 Acq: 22 Jun 2018 12:10

Instrument :
 BNA_F
 ClientSampleId :
 26KV-TP-8

Tot Ion:	163	Resp:	34681
Ion Ratio	Lower	Upper	
163	100		
194	4.3	2.7	4.1#
164	9.8	8.2	12.2

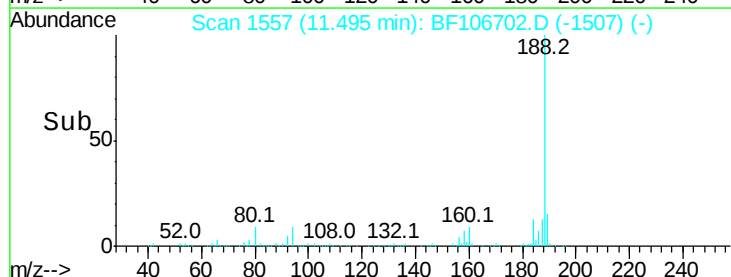
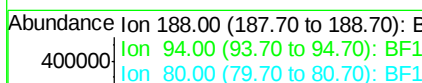
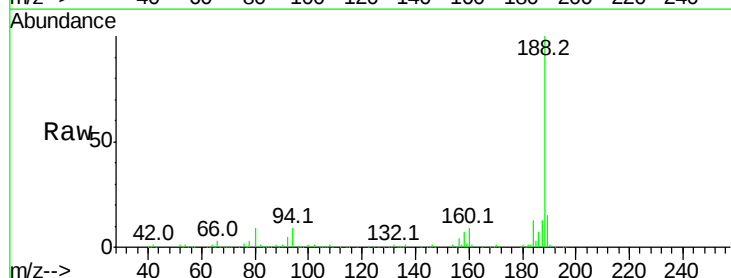
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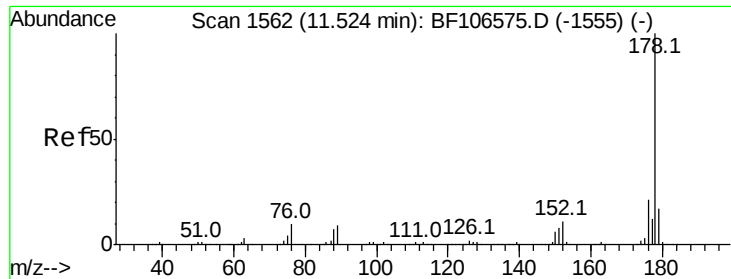
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF106702.D
 Acq: 22 Jun 2018 12:10

Tgt Ion:	188	Resp:	262355
Ion Ratio	Lower	Upper	
188	100		
94	8.8	8.5	12.7
80	9.3	9.2	13.8





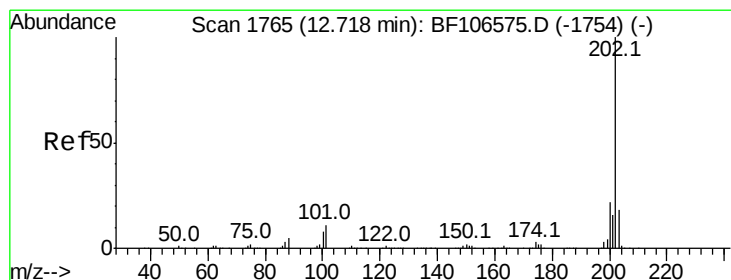
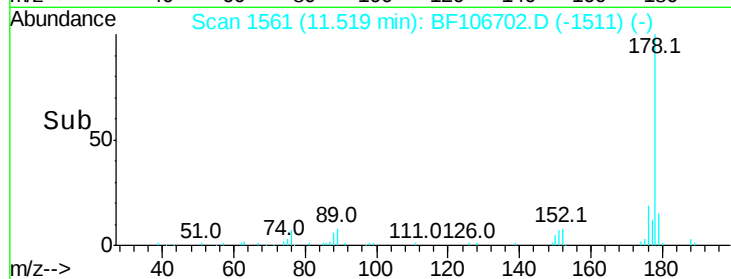
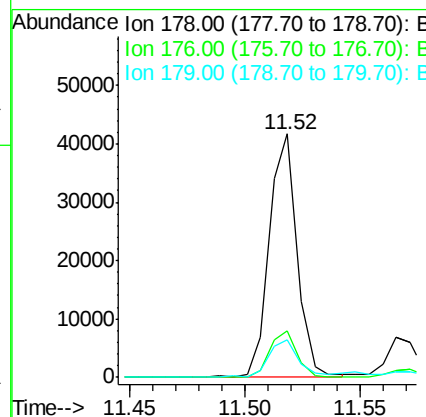
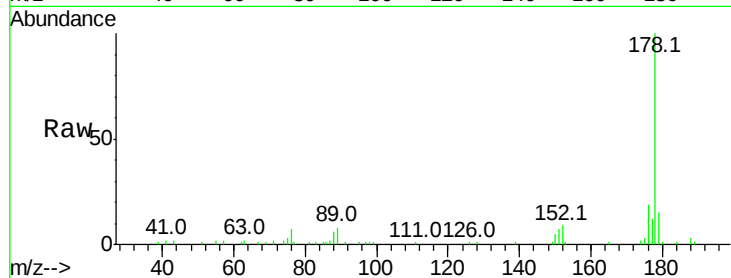
#70
Phenanthrene
Concen: 2.769 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106702.D
Acq: 22 Jun 2018 12:10

Instrument :
BNA_F
ClientSampleId :
26KV-TP-8

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.2	13.0	19.6

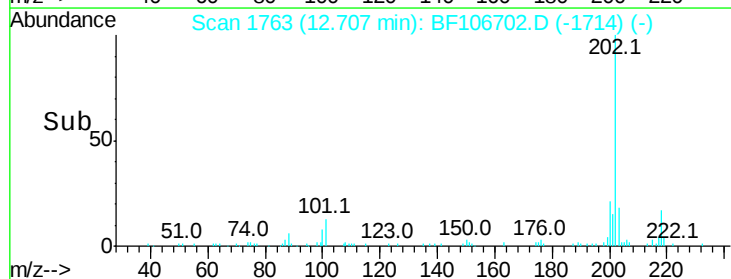
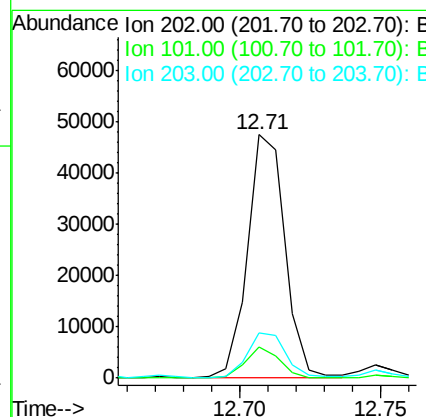
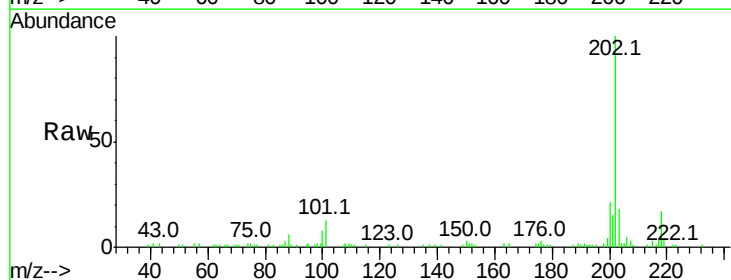
Manual Integrations
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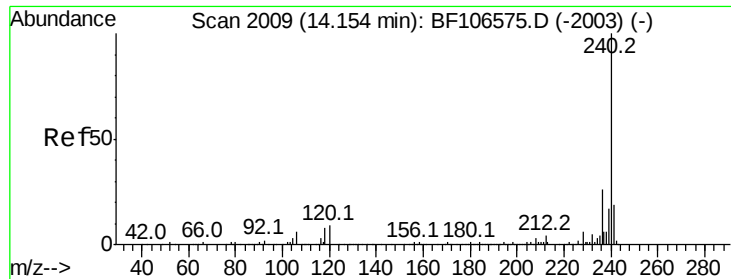
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#74
Fluoranthene
Concen: 3.144 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF106702.D
Acq: 22 Jun 2018 12:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	34.1
203	18.4	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: BF106702.D

Acq: 22 Jun 2018 12:10

Instrument :

BNA_F

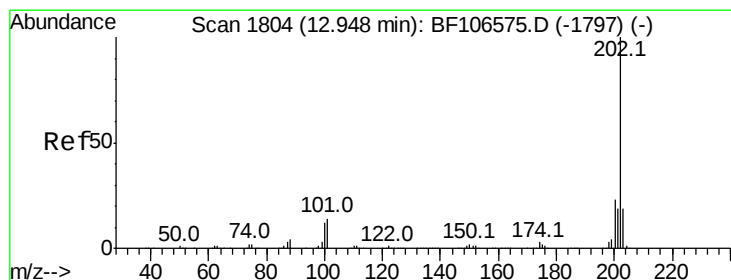
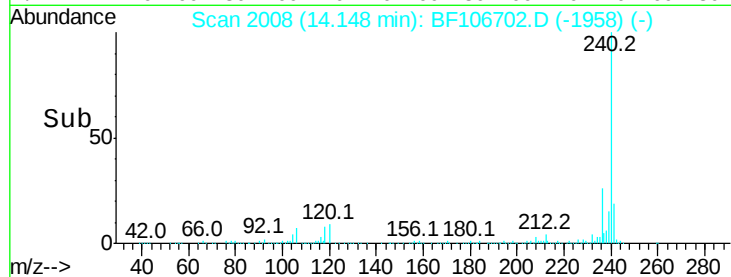
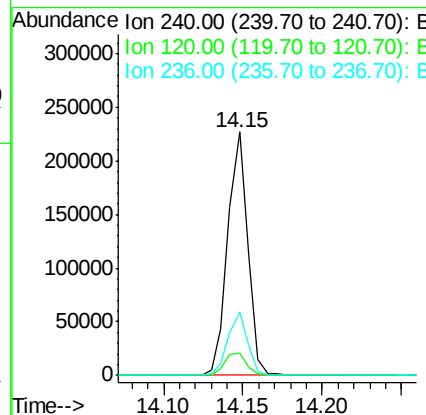
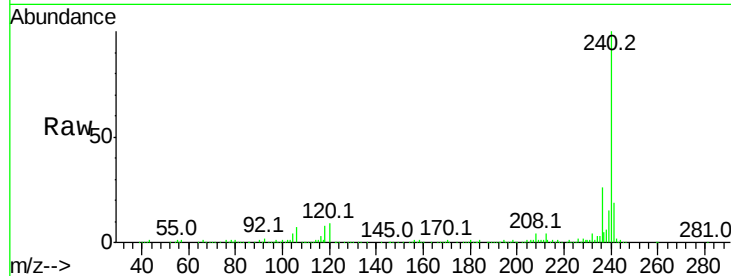
ClientSampleId :

26KV-TP-8

Tot Ion	Ratio	Resp	Lower	Upper
240	100	199472		
120	9.1	9.5	14.3	
236	25.8	20.7	31.1	

Manual Integrations
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#77

Pyrene

Concen: 3.034 ng

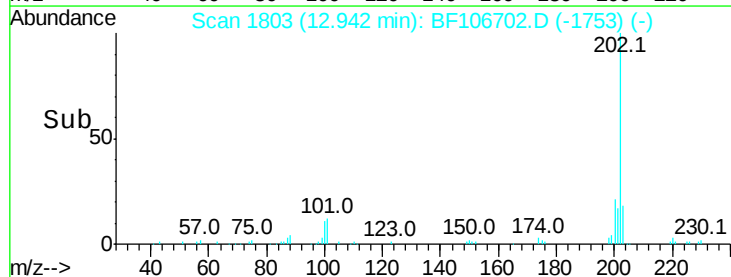
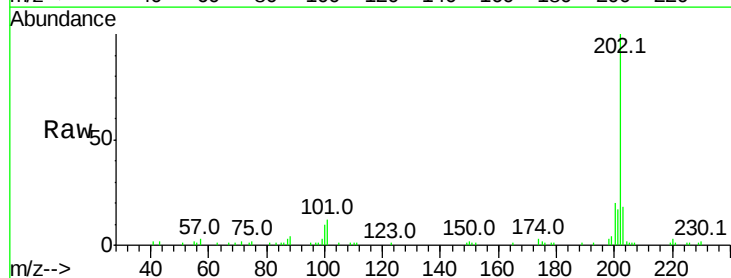
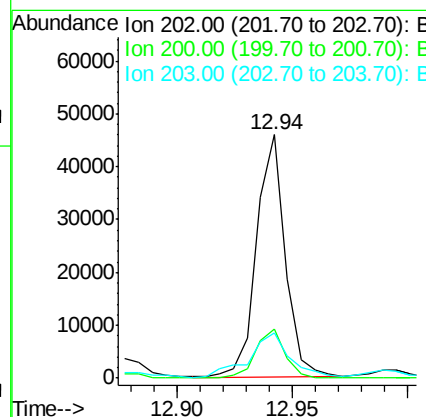
RT: 12.94 min Scan# 1803

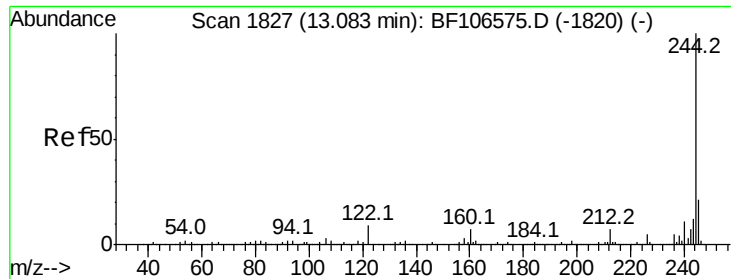
Delta R.T. -0.01 min

Lab File: BF106702.D

Acq: 22 Jun 2018 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	39914		
200	20.2	17.4	26.2	
203	18.4	14.3	21.5	





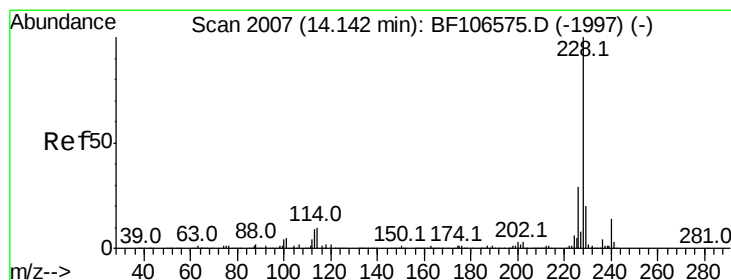
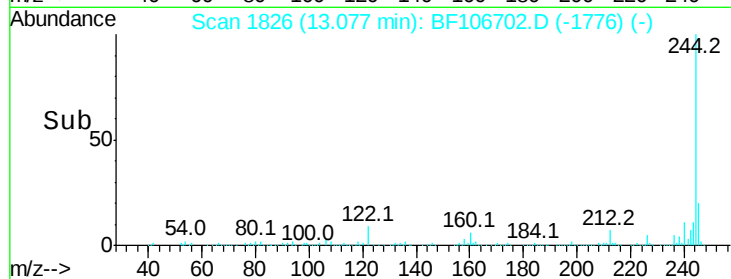
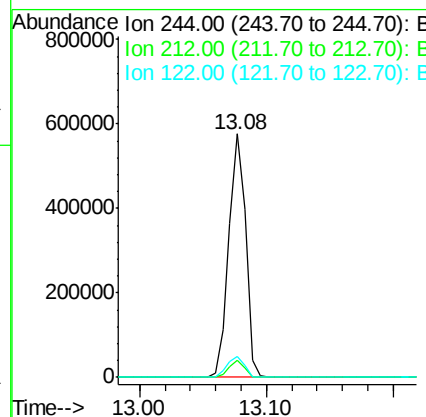
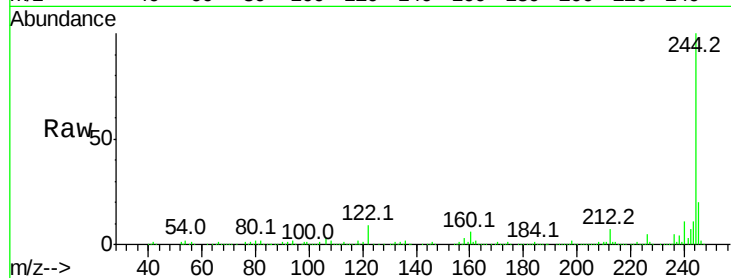
#78
 Terphenyl-d14
 Concen: 64.766 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106702.D
 Acq: 22 Jun 2018 12:10

Instrument :
 BNA_F
 ClientSampleId :
 26KV-TP-8

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	6.8	5.4	8.0
122	8.8	11.0	16.4

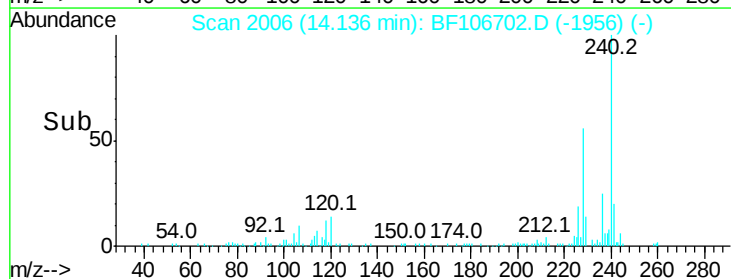
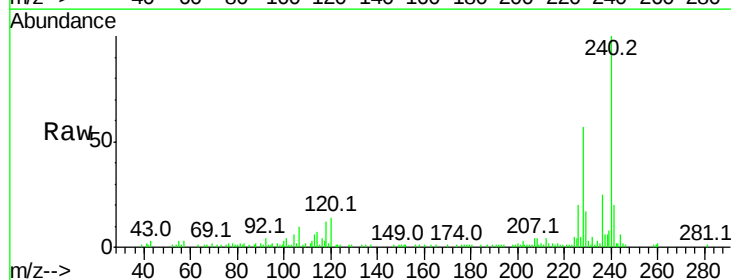
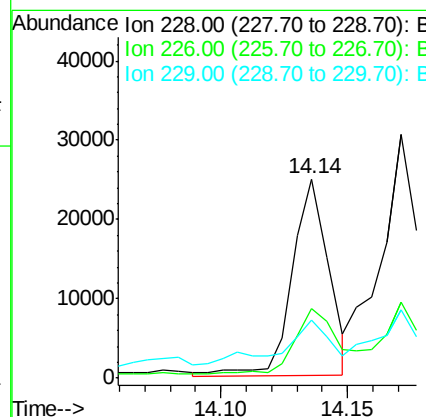
Manual Integrations
 APPROVED

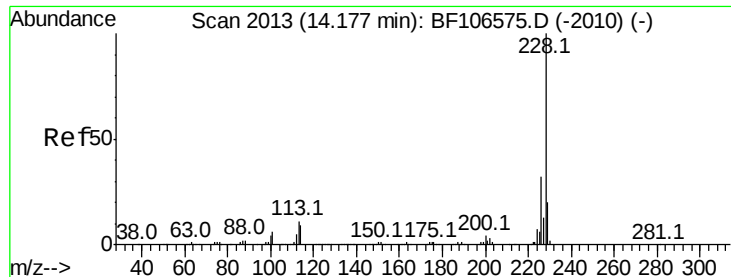
Sohil
 6/25/2018 5:16:36 PM



#80
 Benzo(a)anthracene
 Concen: 2.062 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF106702.D
 Acq: 22 Jun 2018 12:10

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	34.9	22.6	33.8
229	29.0	15.8	23.6





#82

Chrysene

Concen: 2.856 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF106702.D

Acq: 22 Jun 2018 12:10

Instrument :

BNA_F

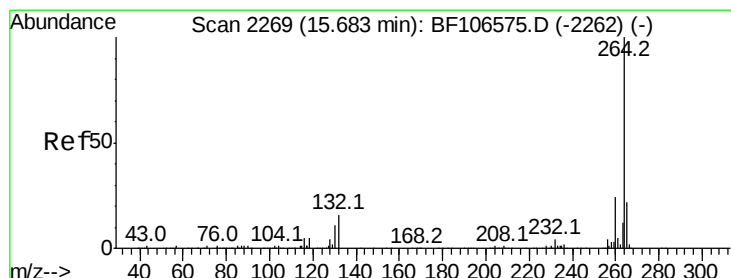
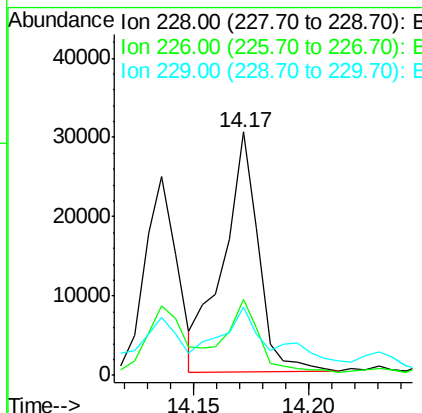
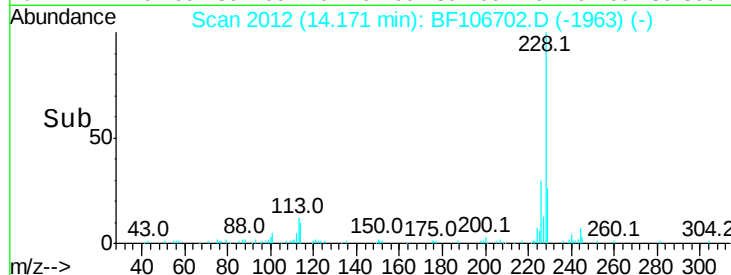
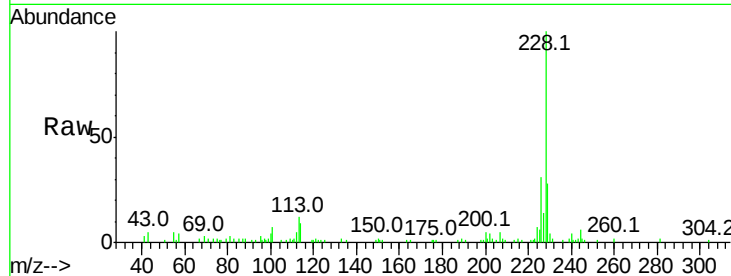
ClientSampleId :

26KV-TP-8

Tot Ion:	228	Resp:	31941
Ion Ratio	Lower	Upper	
228	100		
226	31.4	25.0	37.6
229	28.2	16.2	24.4

Manual Integrations
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6/25/2018 5:16:36 PM



#86

Perylene-d12

Concen: 20.000 ng

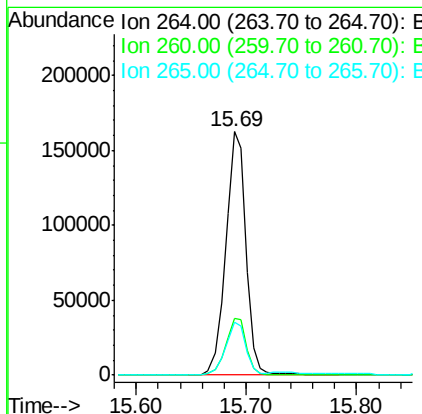
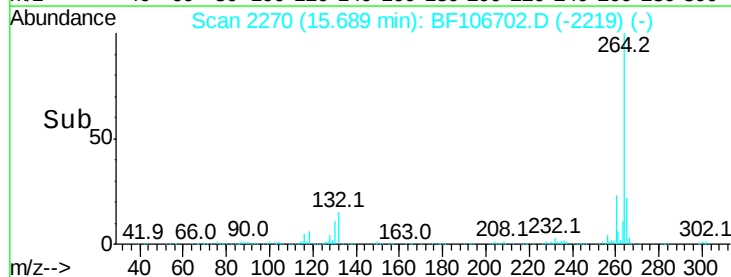
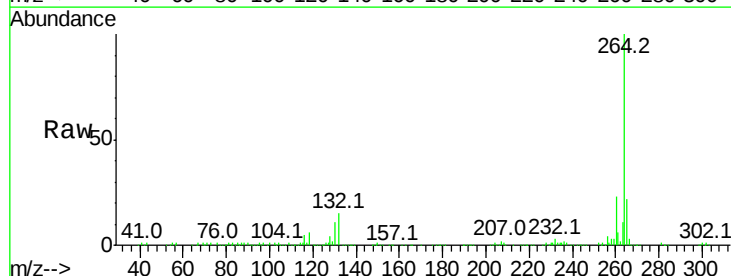
RT: 15.69 min Scan# 2270

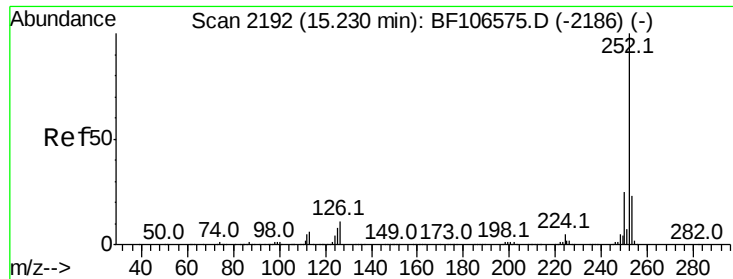
Delta R.T. -0.00 min

Lab File: BF106702.D

Acq: 22 Jun 2018 12:10

Tgt Ion:	264	Resp:	207613
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.2	28.8
265	21.7	17.5	26.3





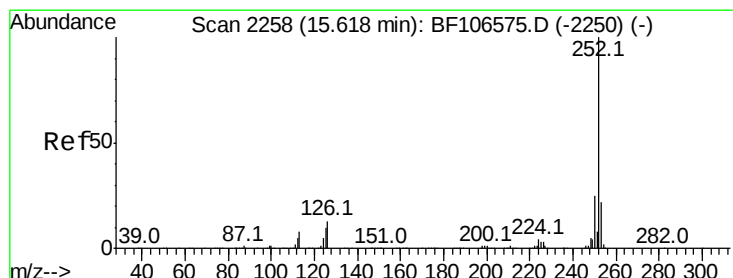
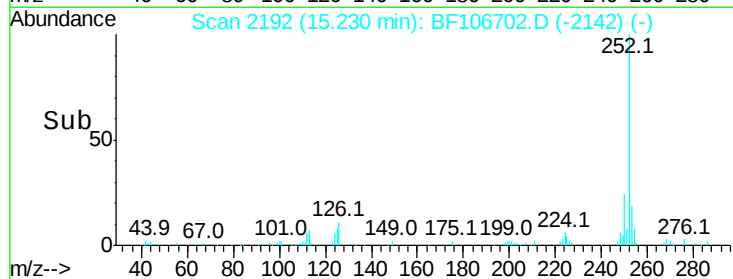
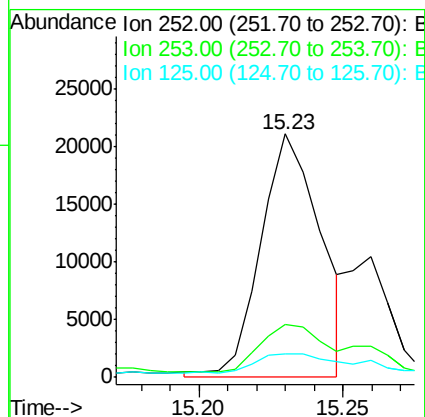
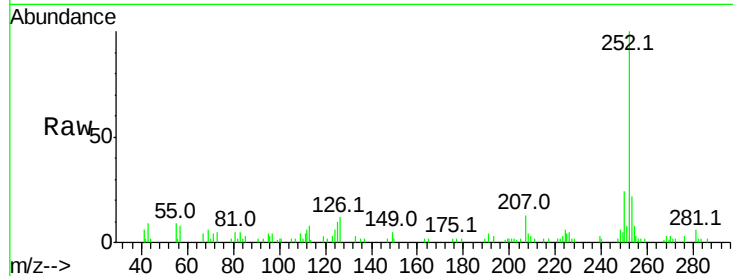
#87
Benzo(b)fluoranthene
Concen: 2.363 ng m
RT: 15.23 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF106702.D
Acq: 22 Jun 2018 12:10

Instrument :
BNA_F
ClientSampled :
26KV-TP-8

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	9.9	9.0	13.6

Manual Integrations
APPROVED

Sohil
6/25/2018 5:16:36 PM



#89
Benzo(a)pyrene
Concen: 2.061 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF106702.D
Acq: 22 Jun 2018 12:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	11.8	9.8	14.6

