

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
 Data File : BF106688.D
 Acq On : 22 Jun 2018 3:34
 Operator : JU/SJ
 Sample : J3603-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26KV-TP-1

Manual Integrations
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Sohil
 6/22/2018 10:23:46 AM

Quant Time: Jun 22 04:44:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	56709	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	193099	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	87744	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	178759	20.00	ng	0.00
75) Chrysene-d12	14.15	240	148701	20.00	ng	0.00
86) Perylene-d12	15.68	264	111522	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	285176	85.15	ng	0.00
7) Phenol-d6	6.60	99	344690	82.42	ng	0.00
23) Nitrobenzene-d5	7.52	82	196779	56.63	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	82780	81.40	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	282661	48.13	ng	0.00
78) Terphenyl-d14	13.08	244	330090	53.77	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	31662	4.811	ng	97
70) Phenanthrene	11.52	178	35638	4.133	ng	99
74) Fluoranthene	12.71	202	59097	6.219	ng	98
77) Pyrene	12.94	202	60823	6.203	ng	99
80) Benzo(a)anthracene	14.14	228	32618	3.599	ng	# 86
82) Chrysene	14.17	228	29150	3.496	ng	# 95
87) Benzo(b)fluoranthene	15.23	252	26002m	3.753	ng	
89) Benzo(a)pyrene	15.62	252	20181	3.277	ng	# 89
91) Benzo(g,h,i)perylene	17.72	276	12624m	2.475	ng	

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

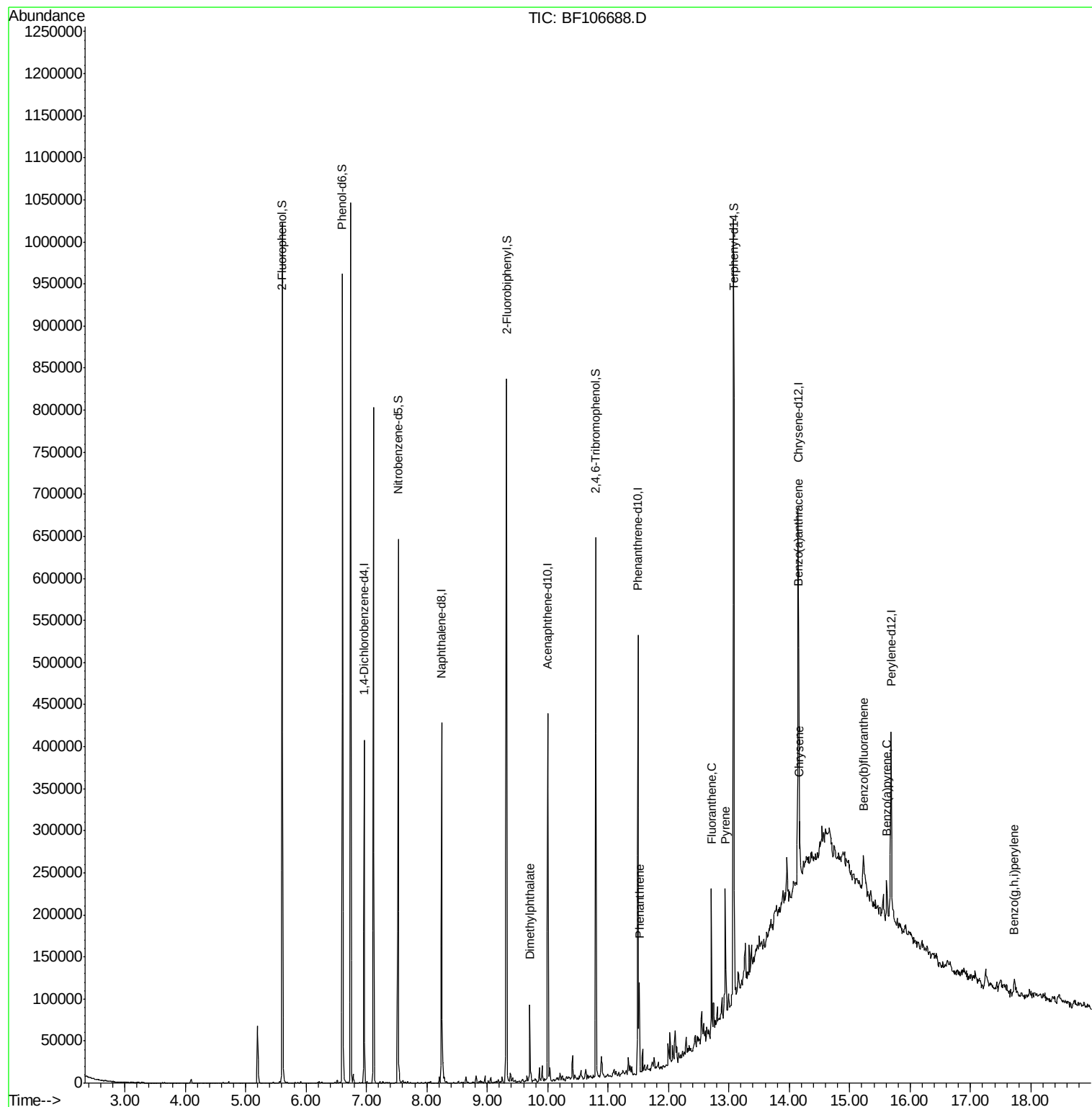
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106688.D
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Operator : JU/SJ
Sample : J3603-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

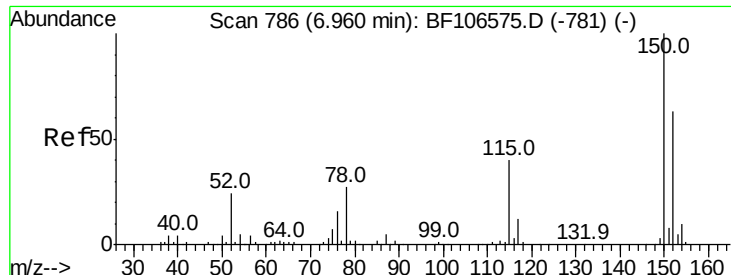
Instrument :
BNA_F
ClientSampleId :
26KV-TP-1

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#1

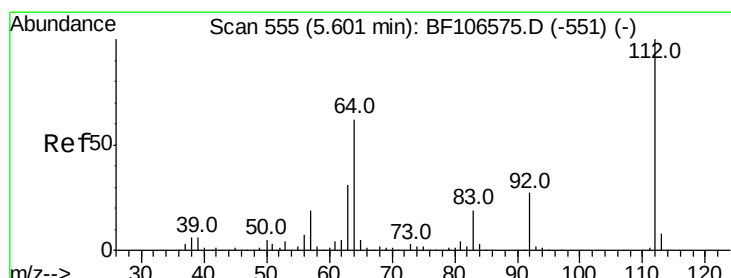
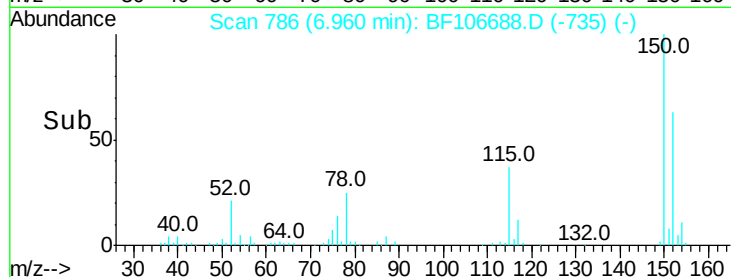
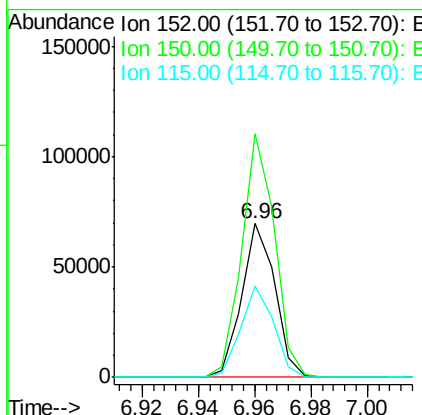
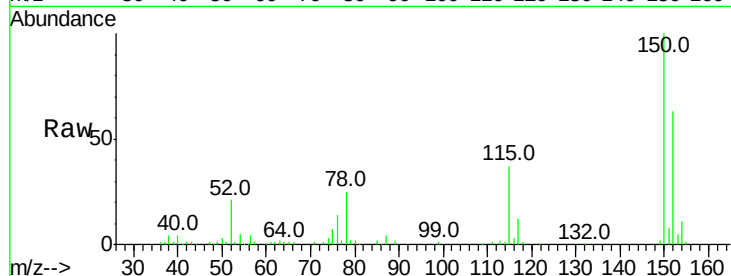
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF106688.D
 Acq: 22 Jun 2018 3:34

Instrument :
 BNA_F
 ClientSampled :
 26KV-TP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	59.3	50.1	75.1

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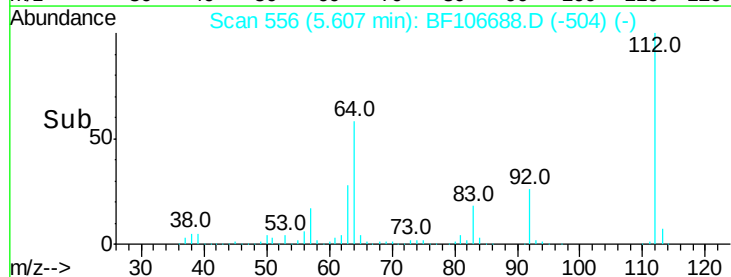
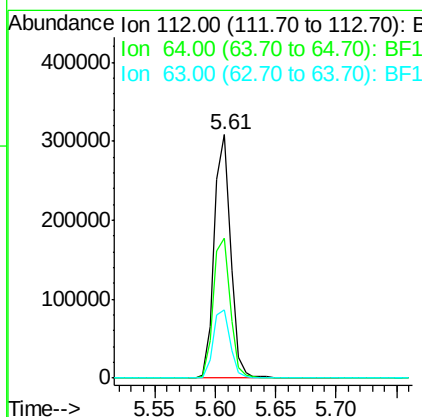
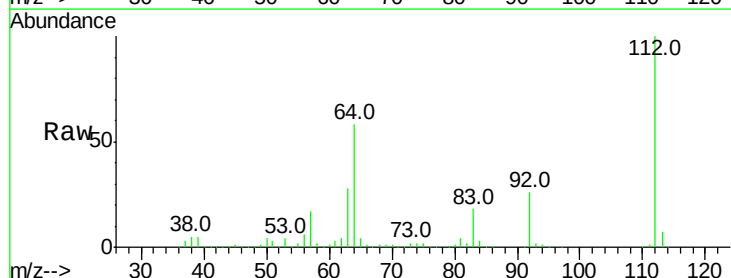
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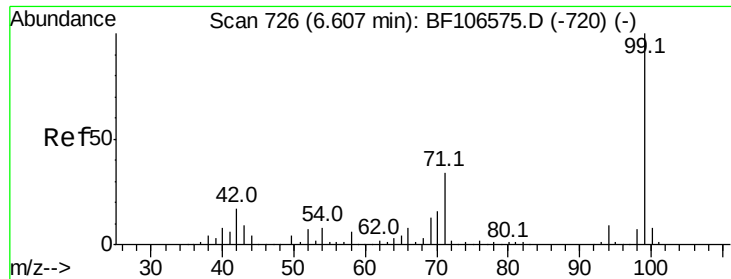


#5

2-Fluorophenol
 Concen: 85.153 ng
 RT: 5.61 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF106688.D
 Acq: 22 Jun 2018 3:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.9	71.9
63	27.8	23.7	35.5





#7

Phenol-d6

Concen: 82.418 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106688.D

Acq: 22 Jun 2018 3:34

Instrument :

BNA_F

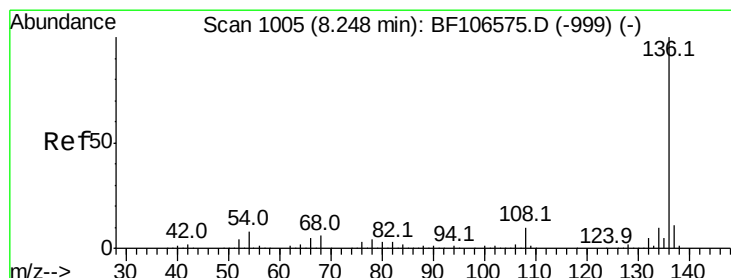
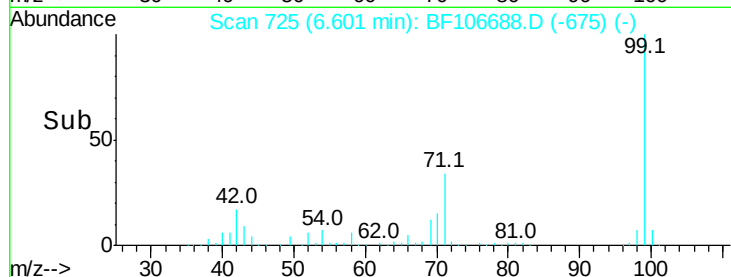
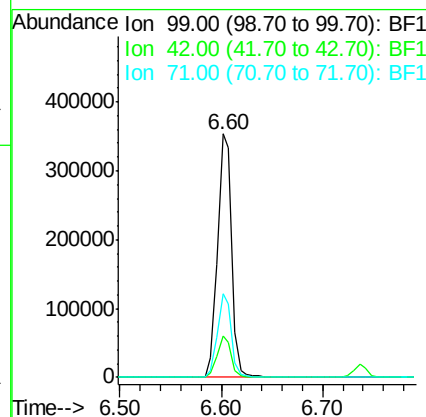
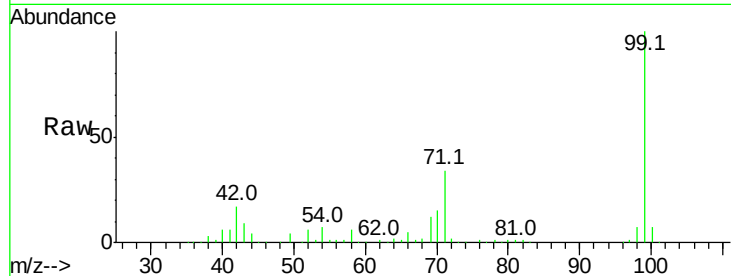
ClientSampleId :

26KV-TP-1

Tot Ion:	99	Resp:	344690
Ion Ratio	Lower	Upper	
99	100		
42	17.2	14.5	21.7
71	34.1	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

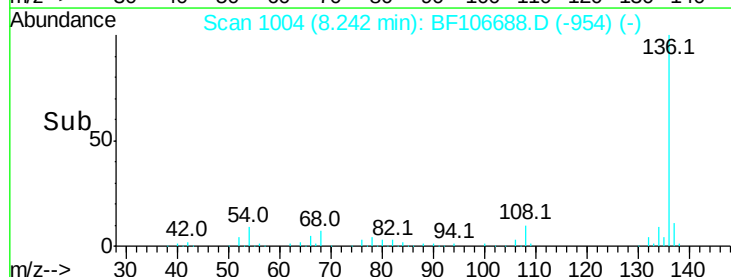
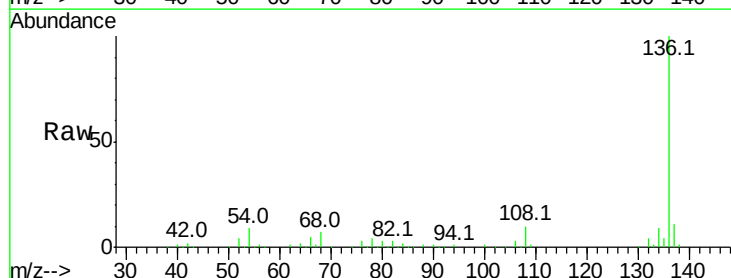
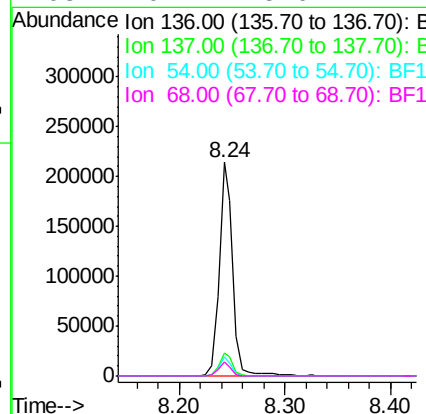
RT: 8.24 min Scan# 1004

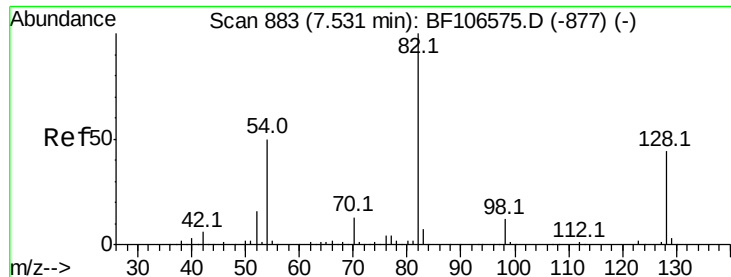
Delta R.T. -0.01 min

Lab File: BF106688.D

Acq: 22 Jun 2018 3:34

Tgt Ion:	136	Resp:	193099
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	8.7	6.6	9.8
68	6.7	5.0	7.4





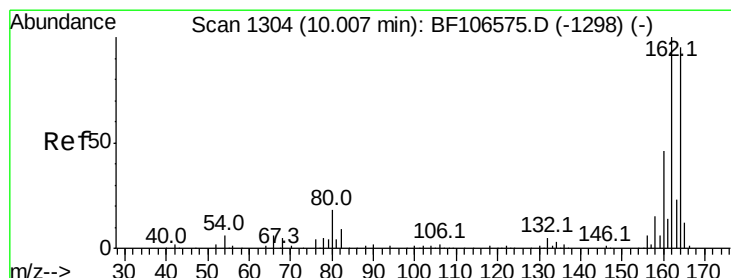
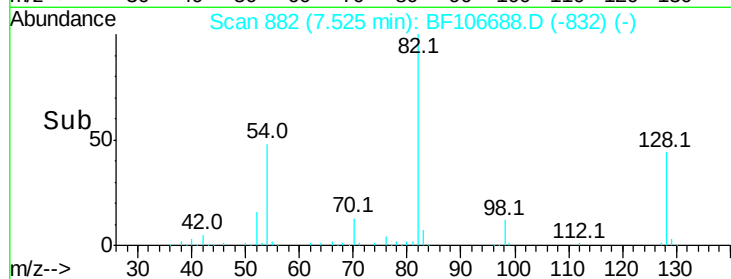
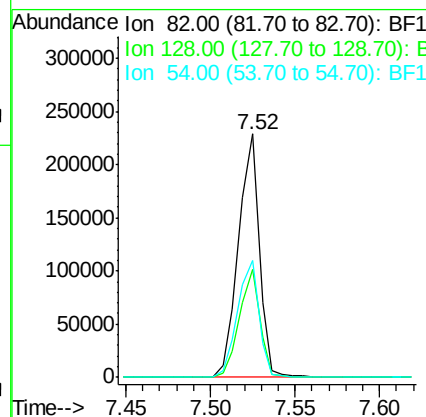
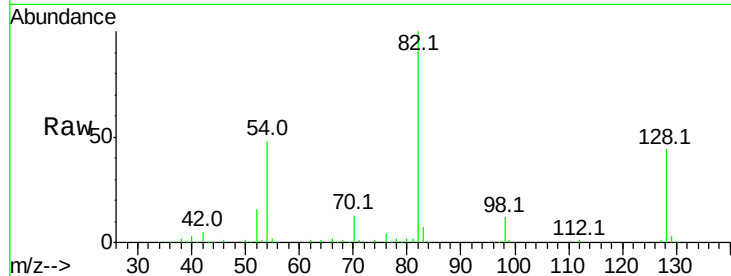
#23
 Nitrobenzene-d5
 Concen: 56.633 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106688.D
 Acq: 22 Jun 2018 3:34

Instrument :
 BNA_F
 ClientSampleId :
 26KV-TP-1

Tot Ion	Ratio	Resp	Lower	Upper
82	100	196779		
128	44.2	36.1	54.1	
54	48.3	41.4	62.2	

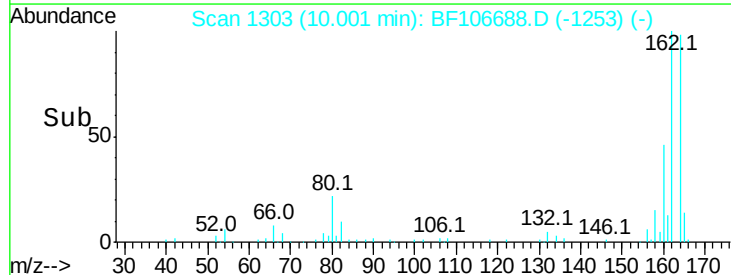
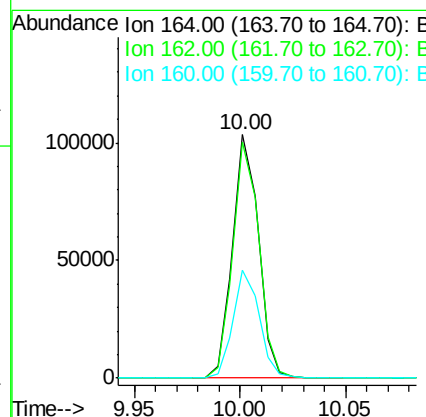
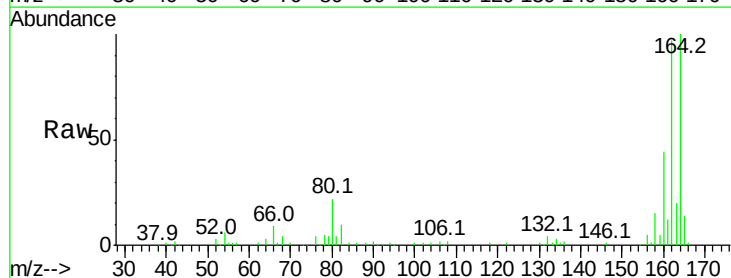
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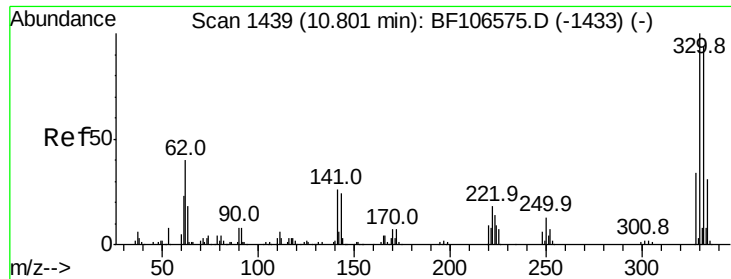
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF106688.D
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Tgt Ion	Ratio	Resp	Lower	Upper
164	100	87744		
162	97.1	86.1	129.1	
160	44.3	38.3	57.5	





#41

2,4,6-Tribromophenol

Concen: 81.398 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106688.D

Acq: 22 Jun 2018 3:34

Instrument :

BNA_F

ClientSampleId :

26KV-TP-1

Tot Ion:330 Resp: 82780

Ion Ratio Lower Upper

330 100

332 94.8 77.0 115.6

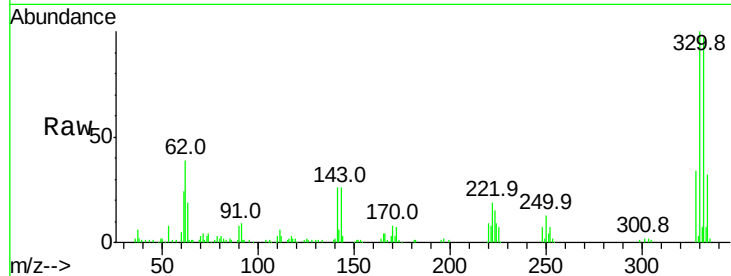
141 24.3 29.9 44.9#

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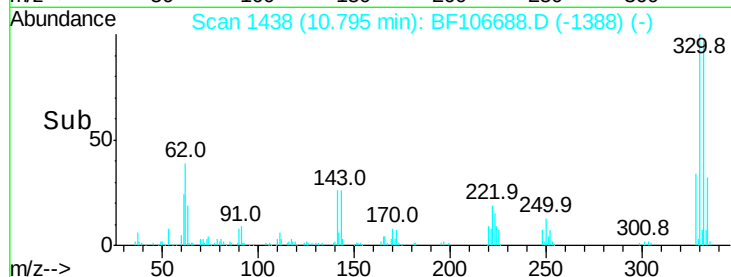


Abundance Ion 329.80 (329.50 to 330.50): E

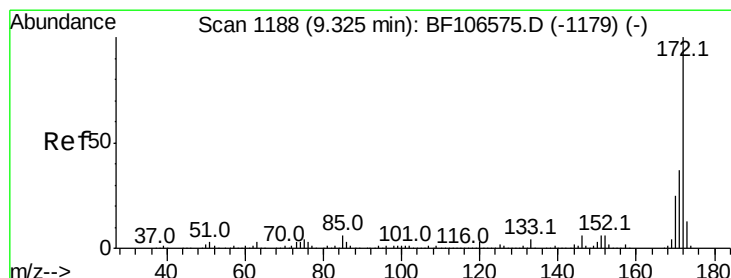
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->



Time-->



#44

2-Fluorobiphenyl

Concen: 48.128 ng

RT: 9.32 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF106688.D

Acq: 22 Jun 2018 3:34

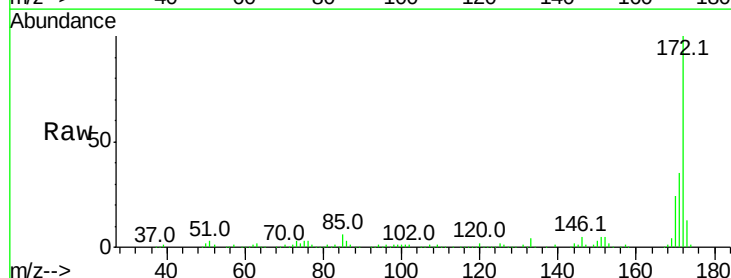
Tgt Ion:172 Resp: 282661

Ion Ratio Lower Upper

172 100

171 35.1 29.7 44.5

170 23.8 19.6 29.4

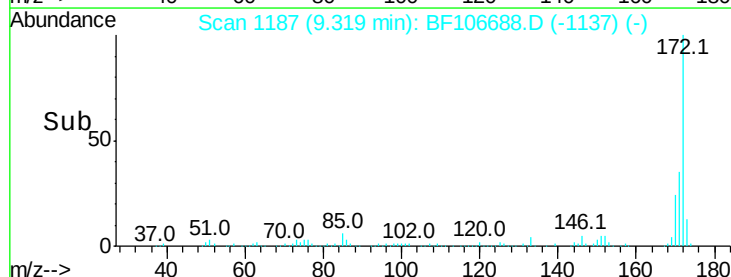


Abundance Ion 172.00 (171.70 to 172.70): E

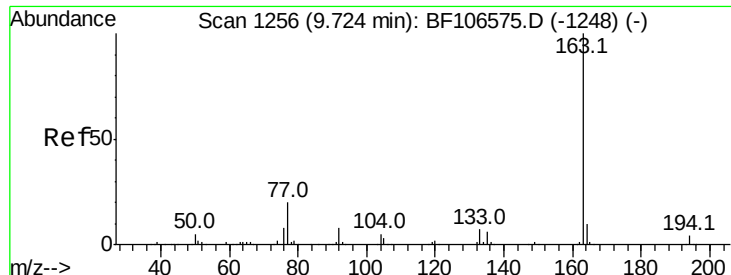
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

Time-->



Time-->



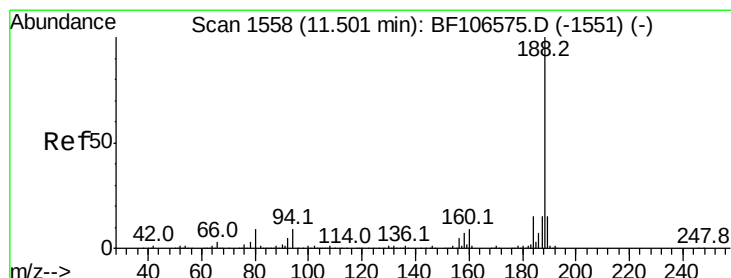
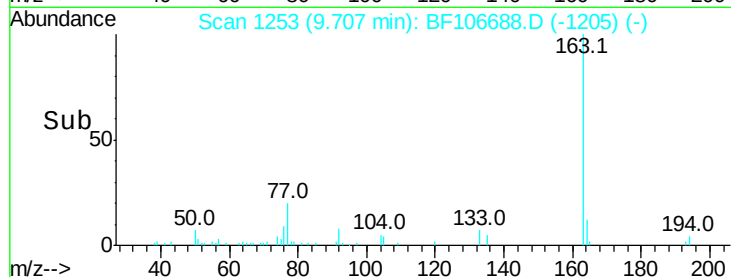
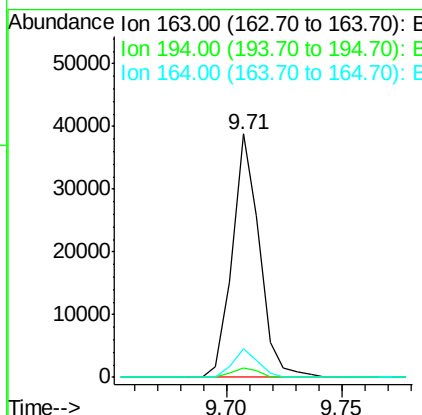
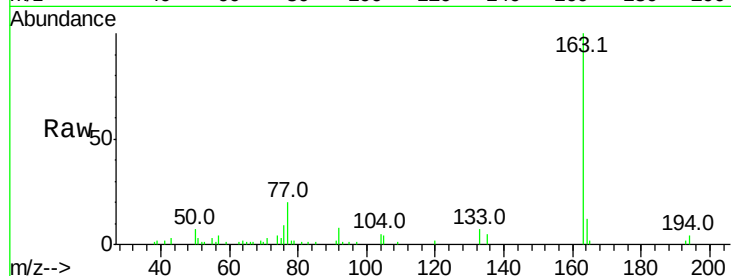
#49
Dimethylphthalate
Concen: 4.811 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106688.D
Acq: 22 Jun 2018 3:34

Instrument :
BNA_F
ClientSampled :
26KV-TP-1

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.7		2.7	4.1
164	11.7		8.2	12.2

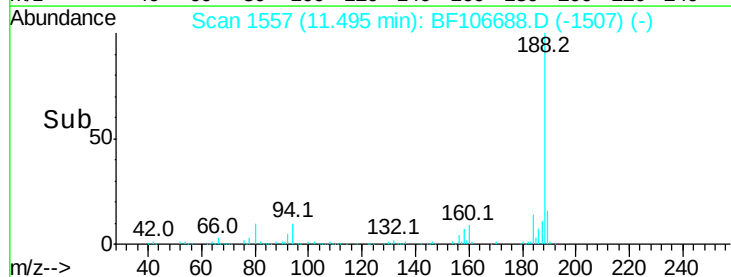
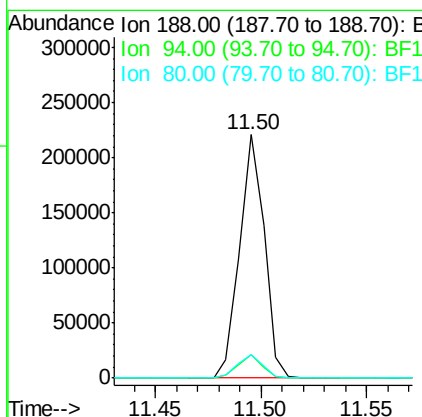
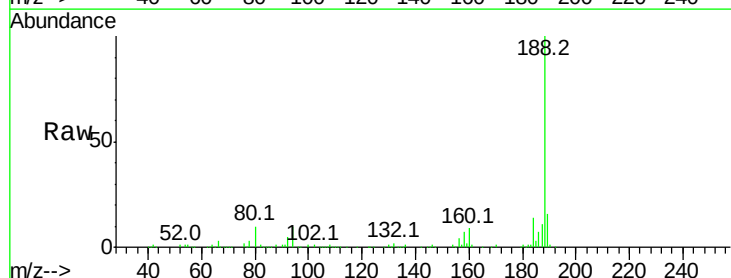
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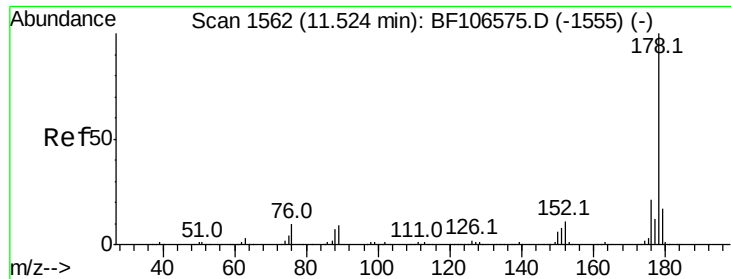
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106688.D
Acq: 22 Jun 2018 3:34

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.5		8.5	12.7
80	9.9		9.2	13.8





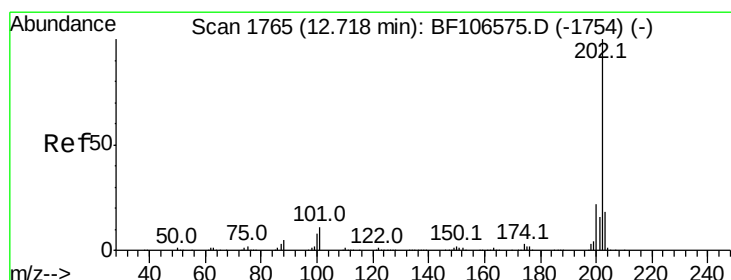
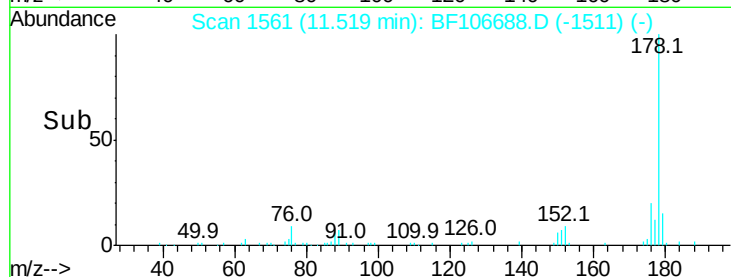
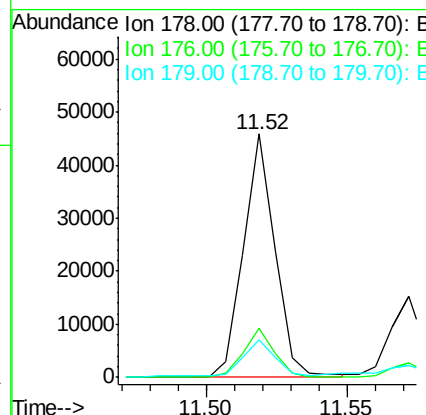
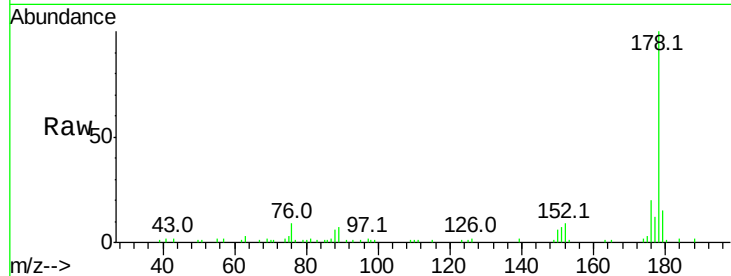
#70
Phenanthrene
Concen: 4.133 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106688.D
Acq: 22 Jun 2018 3:34

Instrument :
BNA_F
ClientSampleId :
26KV-TP-1

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.4	13.0	19.6

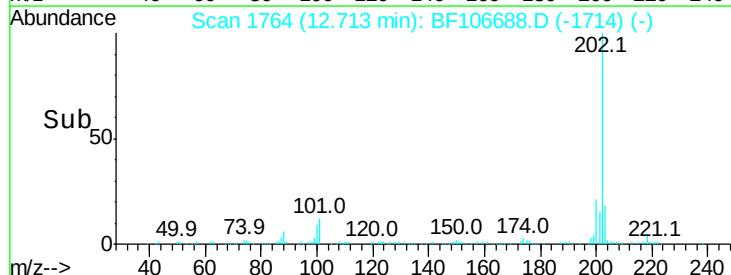
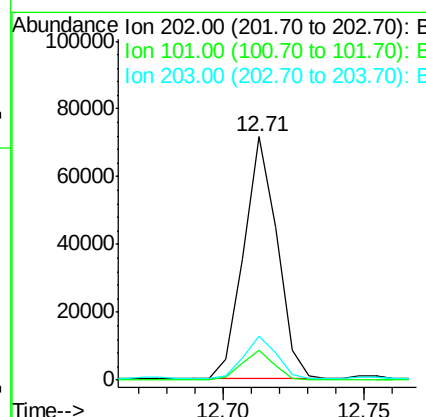
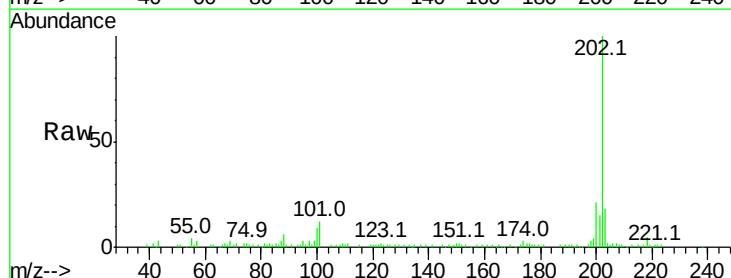
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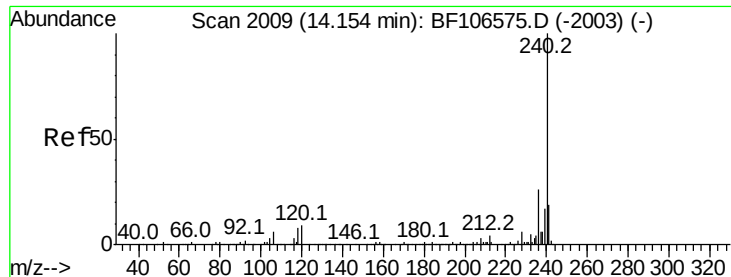
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#74
Fluoranthene
Concen: 6.219 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF106688.D
Acq: 22 Jun 2018 3:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.1
203	18.0	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: BF106688.D

Acq: 22 Jun 2018 3:34

Instrument :

BNA_F

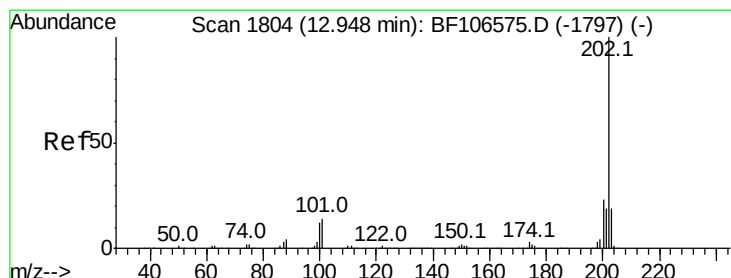
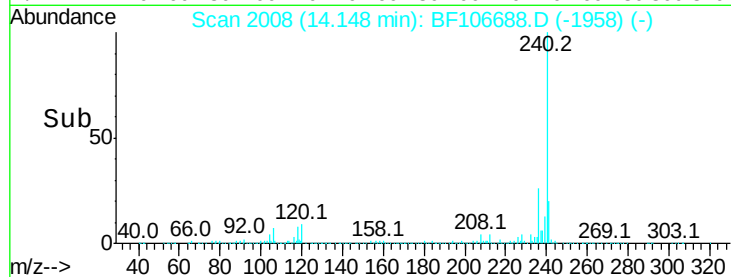
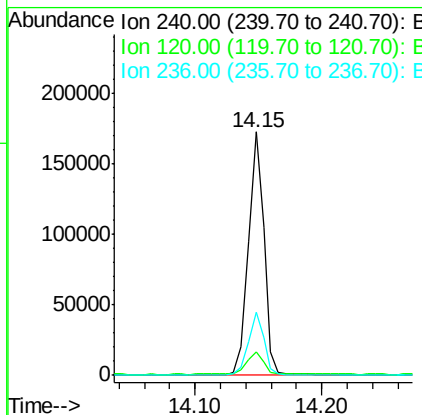
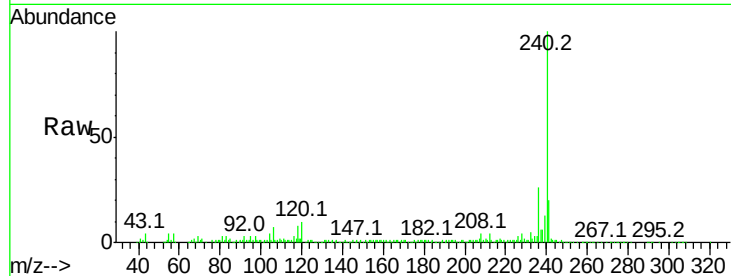
ClientSampleId :

26KV-TP-1

Tot Ion:	240	Resp:	148701
Ion Ratio		Lower	Upper
240	100		
120	9.9	9.5	14.3
236	25.8	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 6.203 ng

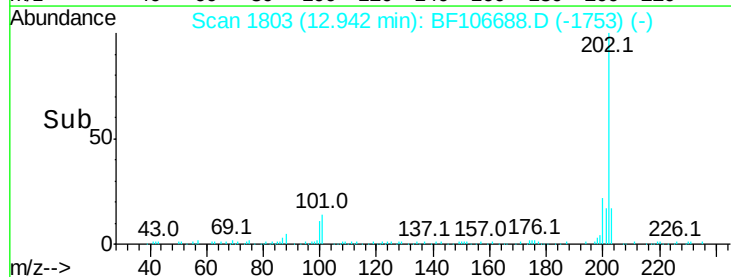
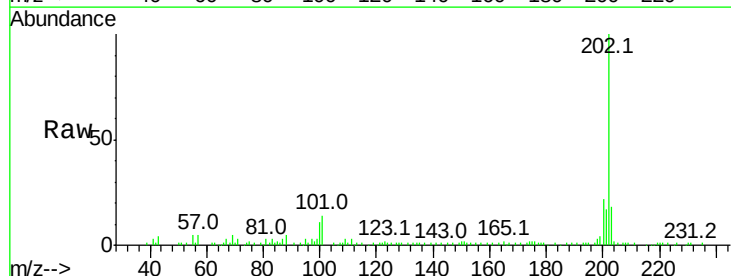
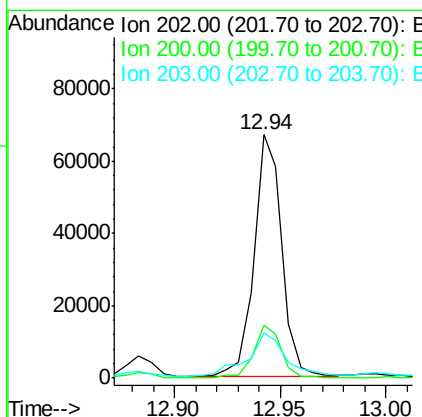
RT: 12.94 min Scan# 1803

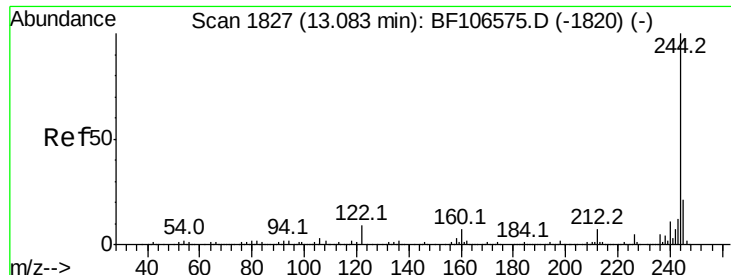
Delta R.T. -0.01 min

Lab File: BF106688.D

Acq: 22 Jun 2018 3:34

Tgt Ion:	202	Resp:	60823
Ion Ratio		Lower	Upper
202	100		
200	21.9	17.4	26.2
203	18.5	14.3	21.5





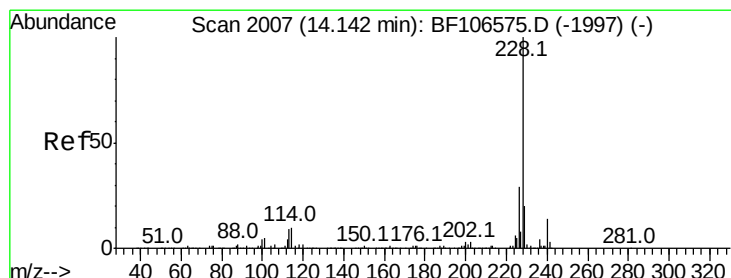
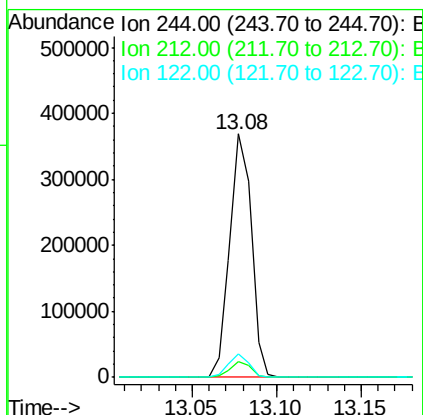
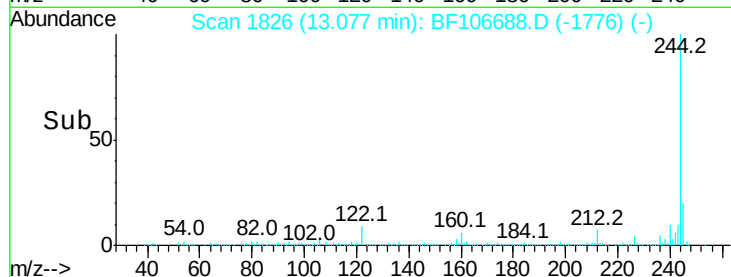
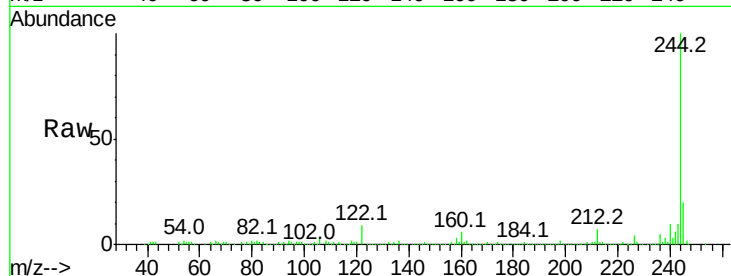
#78
 Terphenyl-d14
 Concen: 53.771 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106688.D
 Acq: 22 Jun 2018 3:34

Instrument :
 BNA_F
 ClientSampleId :
 26KV-TP-1

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.4	11.0	16.4#

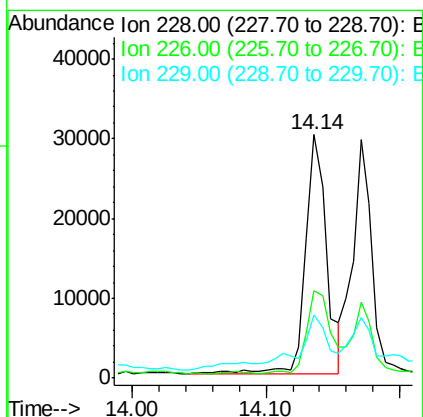
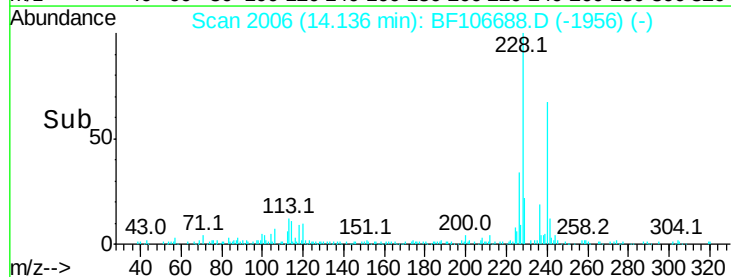
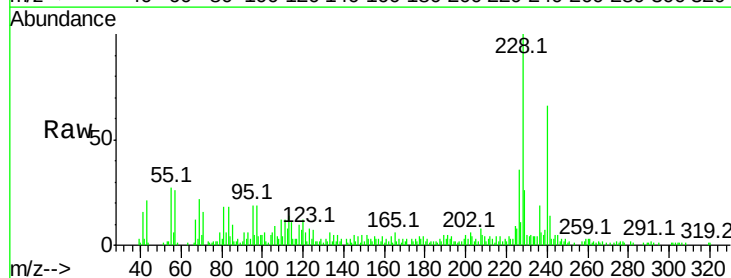
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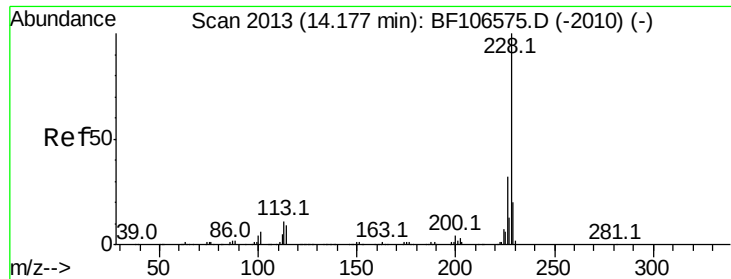
Sohil
 6/22/2018 10:23:46 AM



#80
 Benzo(a)anthracene
 Concen: 3.599 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF106688.D
 Acq: 22 Jun 2018 3:34

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	35.8	22.6	33.8#
229	26.1	15.8	23.6#





#82

Chrysene

Concen: 3.496 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF106688.D

Acq: 22 Jun 2018 3:34

Instrument :

BNA_F

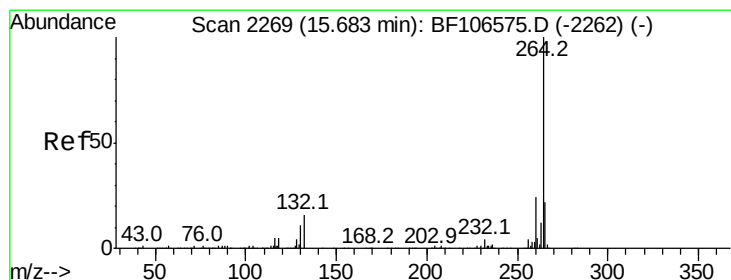
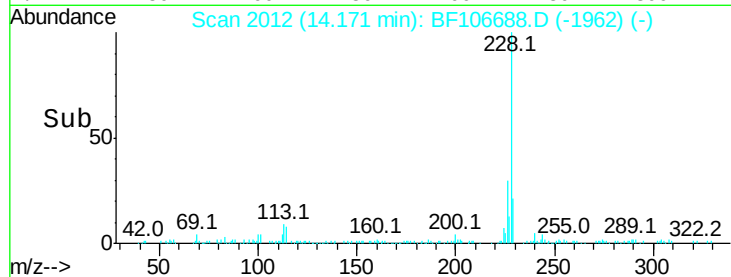
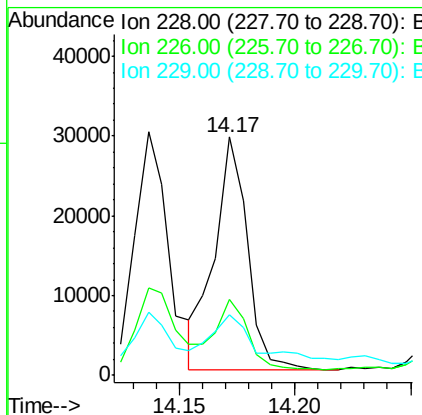
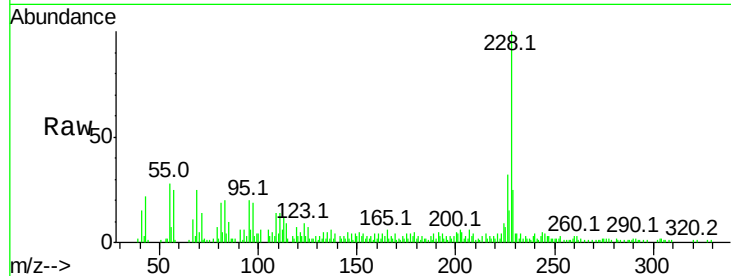
ClientSampled :

26KV-TP-1

Tot Ion:	228	Resp:	29150
Ion Ratio	Lower	Upper	
228	100		
226	31.9	25.0	37.6
229	25.4	16.2	24.4

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#86

Perylene-d12

Concen: 20.000 ng

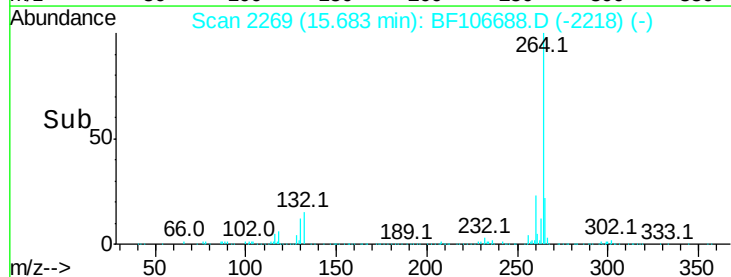
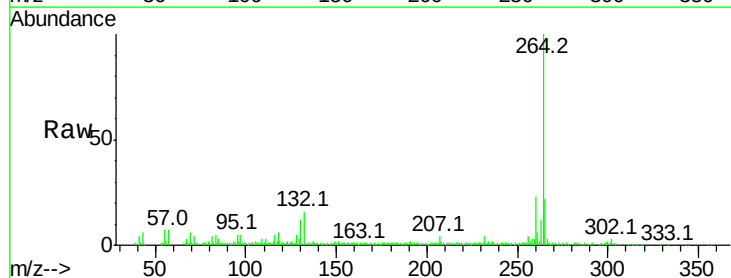
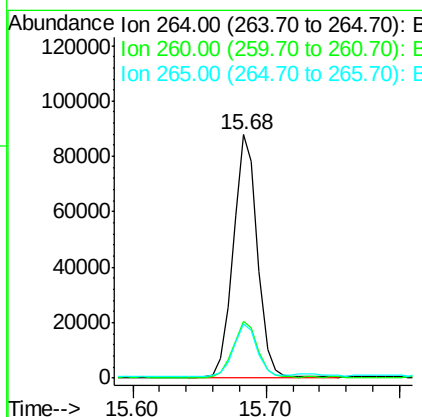
RT: 15.68 min Scan# 2269

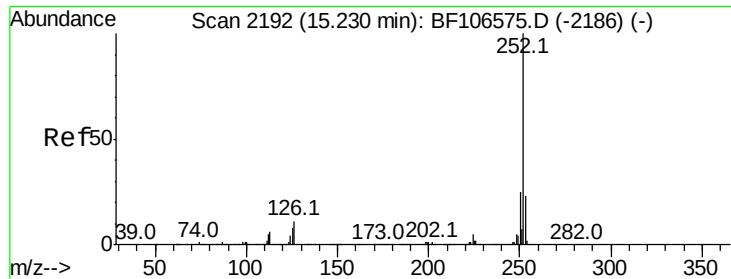
Delta R.T. 0.00 min

Lab File: BF106688.D

Acq: 22 Jun 2018 3:34

Tgt Ion:	264	Resp:	111522
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.2	28.8
265	22.0	17.5	26.3





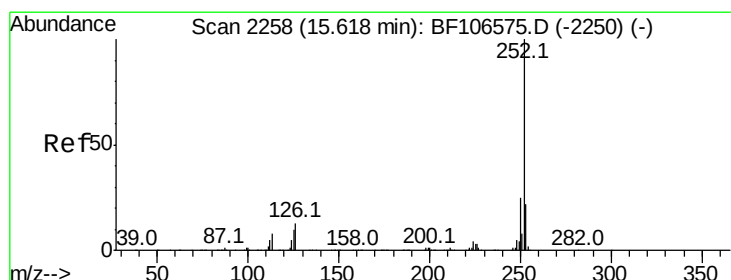
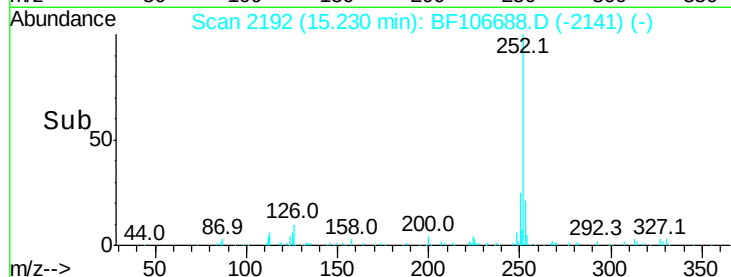
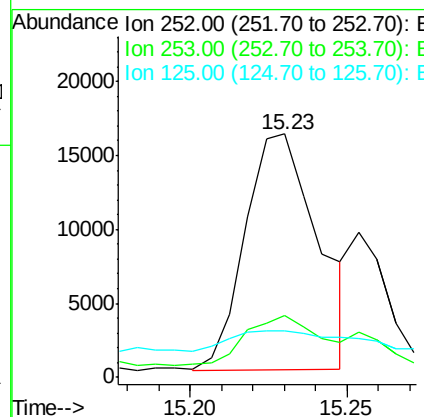
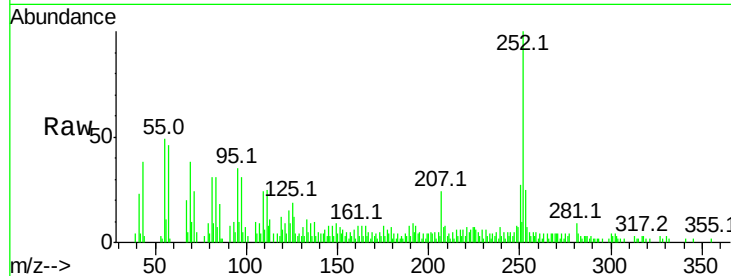
#87
Benzo(b)fluoranthene
Concen: 3.753 ng m
RT: 15.23 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF106688.D
Acq: 22 Jun 2018 3:34

Instrument :
BNA_F
ClientSampled :
26KV-TP-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.0	25.6
125	19.2	9.0	13.6

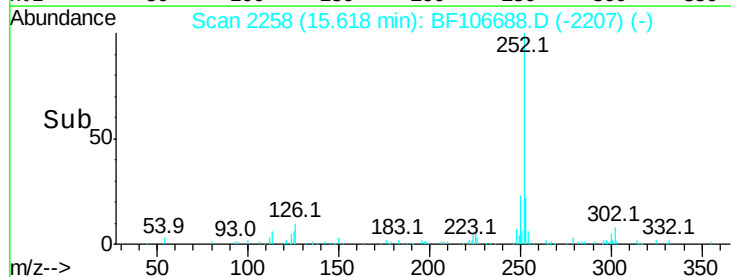
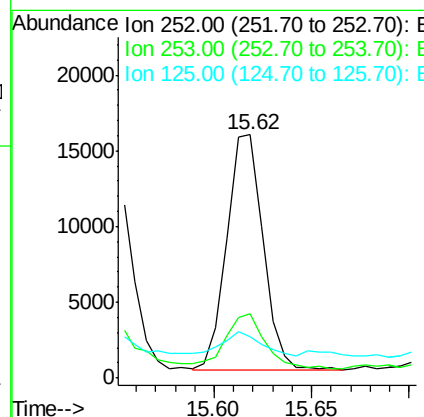
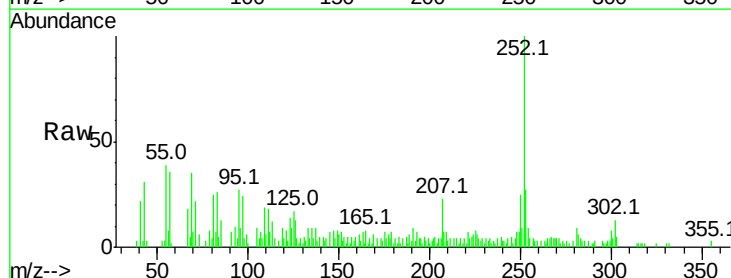
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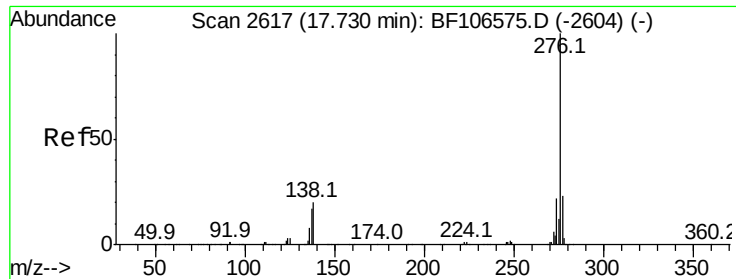
Sohil
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#89
Benzo(a)pyrene
Concen: 3.277 ng
RT: 15.62 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BF106688.D
Acq: 22 Jun 2018 3:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.1	25.7
125	17.0	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.475 ng/ml
 RT: 17.72 min Scan# 2616
 Delta R.T. -0.01 min
 Lab File: BF106688.D
 Acq: 22 Jun 2018 3:34

Instrument :
 BNA_F
 ClientSampleId :
 26KV-TP-1

Tot Ion	Ratio	Lower	Upper
276	100		
277	28.8	17.9	26.9#
138	24.4	21.8	32.8

Manual Integrations
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Sohil
 6/22/2018 10:23:46 AM

