

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
 Data File : BF106686.D
 Acq On : 22 Jun 2018 2:41
 Operator : JU/SJ
 Sample : J3603-09 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26KV-TP-5

Manual Integrations
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Sohil
 6/22/2018 10:23:40 AM

Quant Time: Jun 22 04:34:29 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	56455	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	201899	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	90737	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	182422	20.00	ng	0.00
75) Chrysene-d12	14.15	240	153583	20.00	ng	0.00
86) Perylene-d12	15.69	264	113417	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	182781	54.82	ng	0.00
7) Phenol-d6	6.60	99	220312	52.92	ng	0.00
23) Nitrobenzene-d5	7.52	82	123217	33.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	51267	48.75	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	206490	28.76	ng	0.00
78) Terphenyl-d14	13.08	244	241936	38.16	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	20515	3.015	ng	96
70) Phenanthrene	11.52	178	28010	3.183	ng	98
74) Fluoranthene	12.71	202	53414	5.508	ng	94
77) Pyrene	12.94	202	52262	5.160	ng	99
80) Benzo(a)anthracene	14.14	228	21142	2.259	ng	94
82) Chrysene	14.17	228	18806	2.184	ng	95
87) Benzo(b)fluoranthene	15.22	252	17148m	2.434	ng	

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

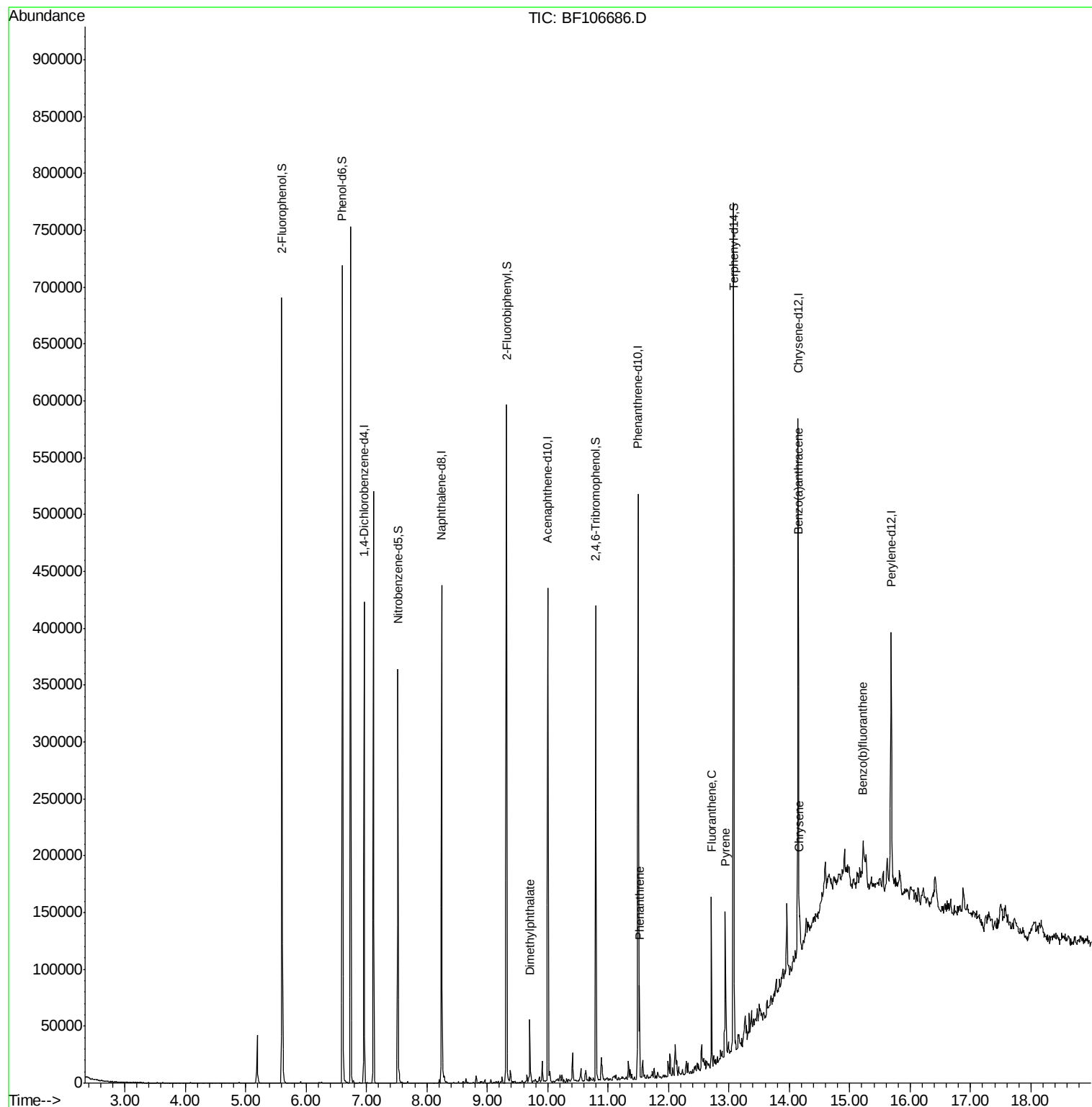
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
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Misc :
ALS Vial : 22 Sample Multiplier: 1

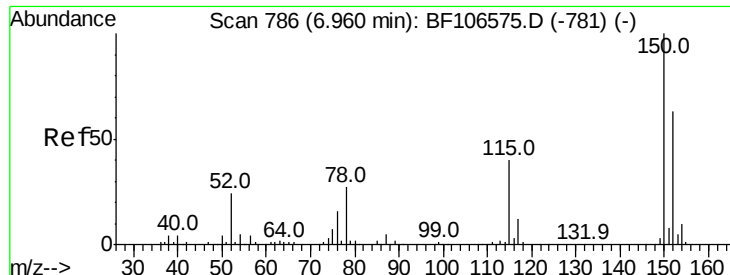
Instrument :
BNA_F
ClientSampleId :
26KV-TP-5

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#1

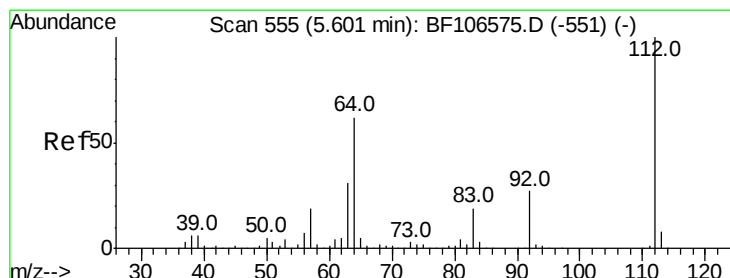
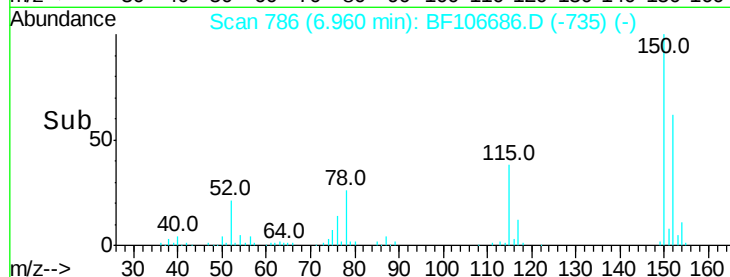
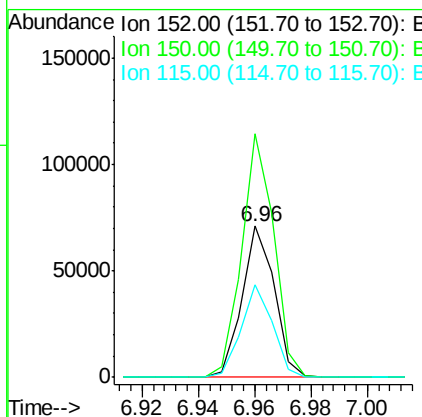
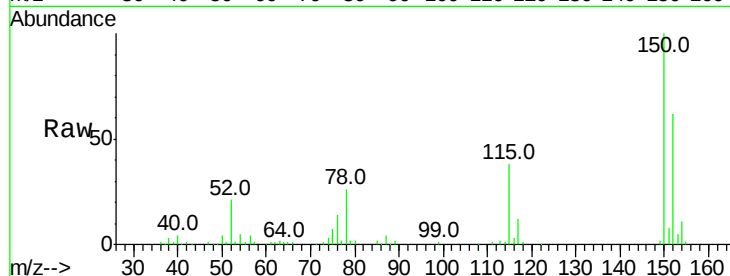
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106686.D
Acq: 22 Jun 2018 2:41

Instrument :
BNA_F
ClientSampleId :
26KV-TP-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	124.6	186.8
115	61.2	50.1	75.1

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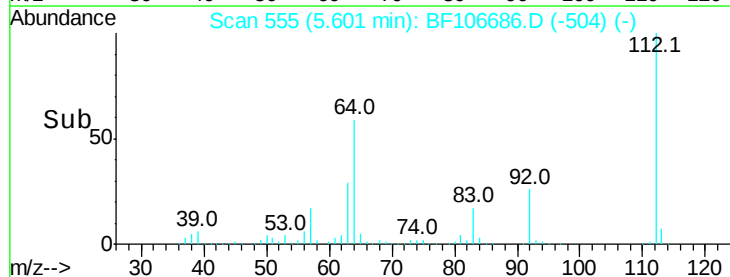
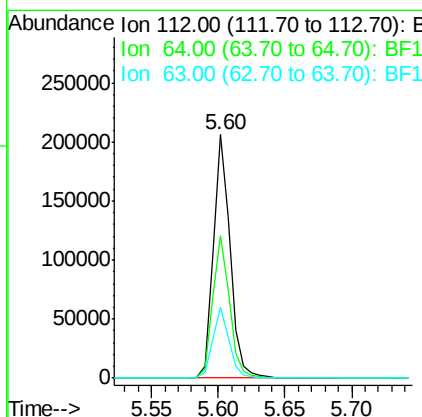
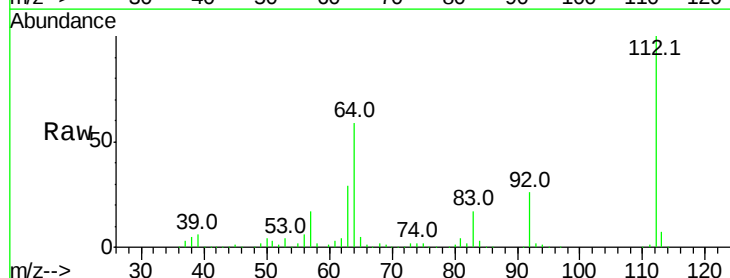
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#5

2-Fluorophenol
Concen: 54.824 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106686.D
Acq: 22 Jun 2018 2:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.9	71.9
63	29.0	23.7	35.5





#7

Phenol-d6

Concen: 52.915 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106686.D

Acq: 22 Jun 2018 2:41

Instrument :

BNA_F

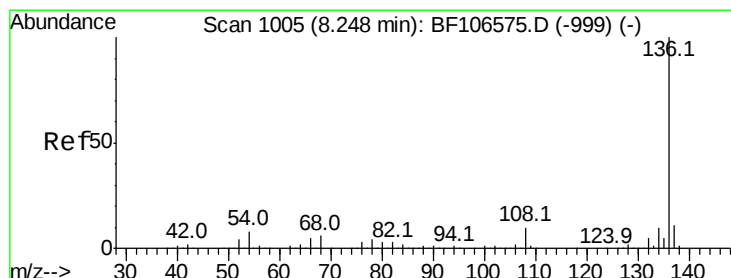
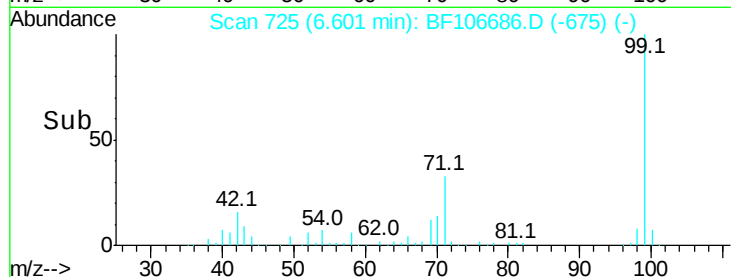
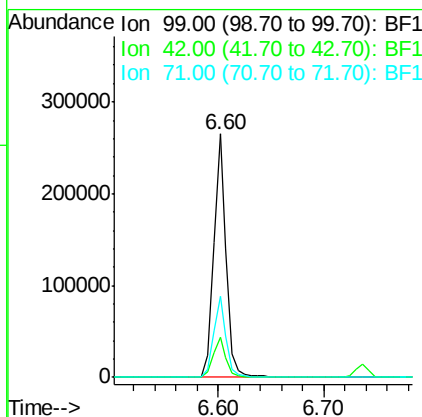
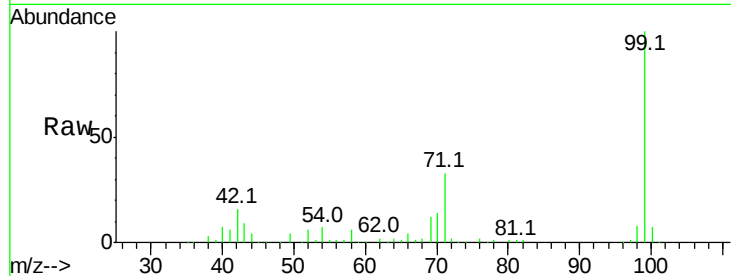
ClientSampled :

26KV-TP-5

Tot Ion:	99	Resp:	220312
Ion Ratio	Lower	Upper	
99	100		
42	16.5	14.5	21.7
71	33.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

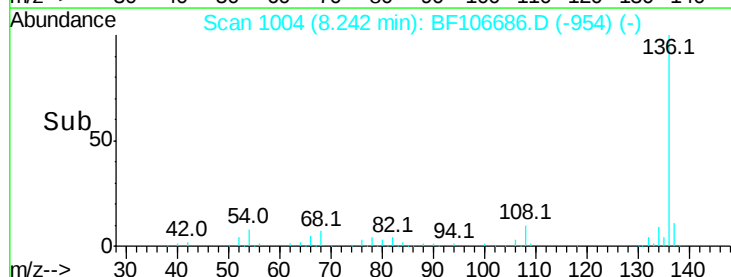
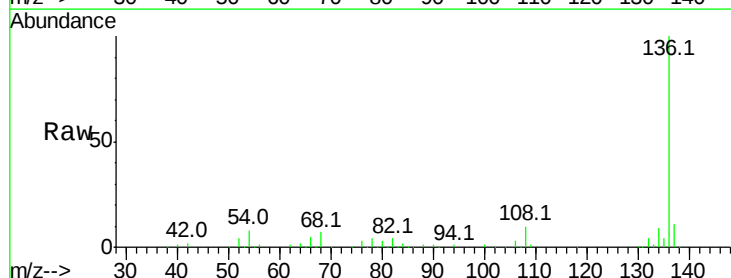
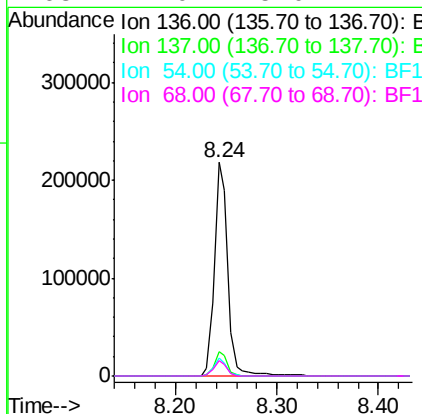
RT: 8.24 min Scan# 1004

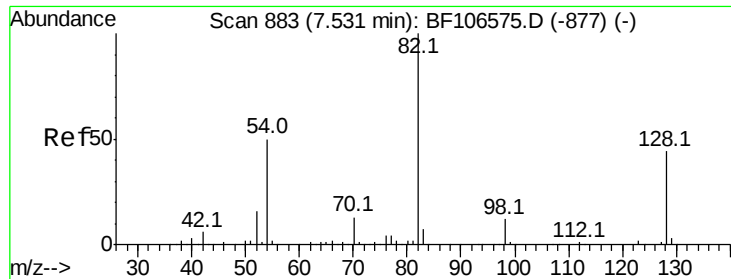
Delta R.T. -0.01 min

Lab File: BF106686.D

Acq: 22 Jun 2018 2:41

Tgt Ion:	136	Resp:	201899
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	8.4	6.6	9.8
68	7.0	5.0	7.4





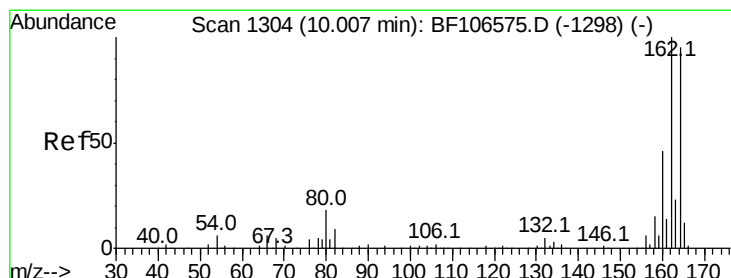
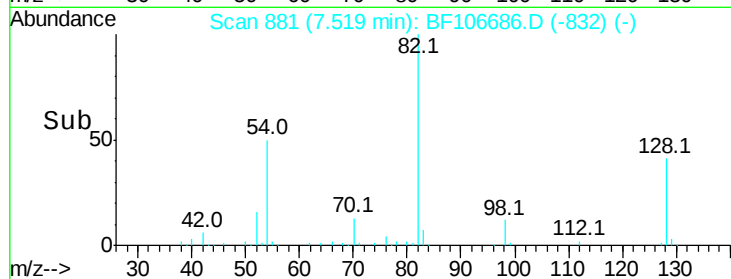
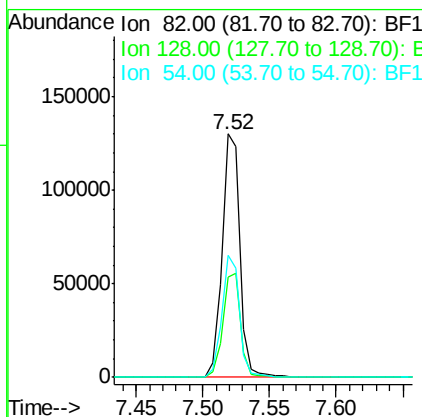
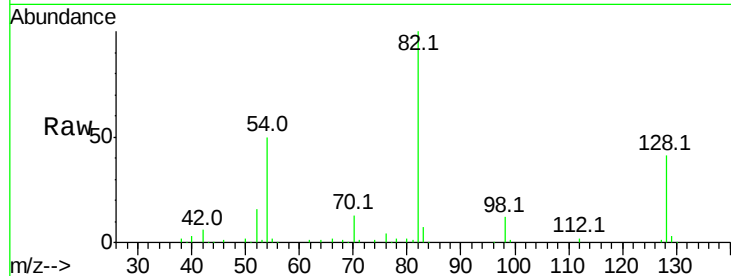
#23
 Nitrobenzene-d5
 Concen: 33.916 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF106686.D
 Acq: 22 Jun 2018 2:41

Instrument :
 BNA_F
 ClientSampleId :
 26KV-TP-5

Tot Ion	Ratio	Resp	Lower	Upper
82	100	123217		
128	40.9	36.1	54.1	
54	50.0	41.4	62.2	

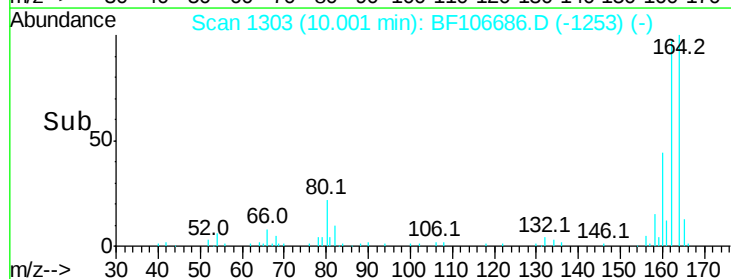
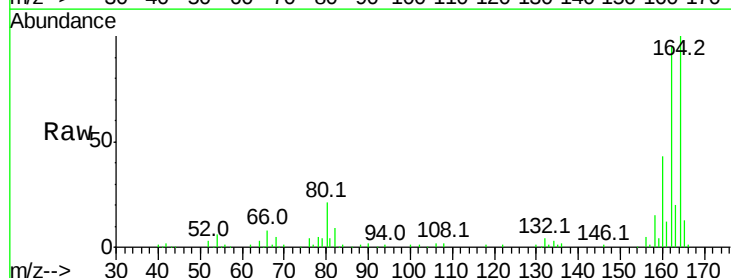
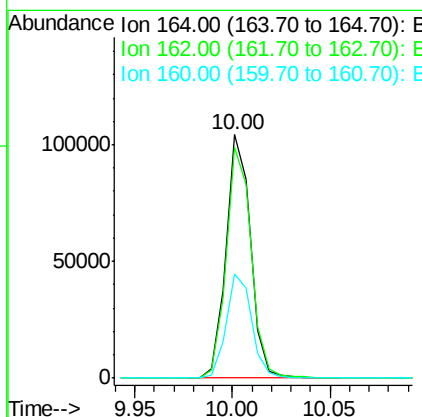
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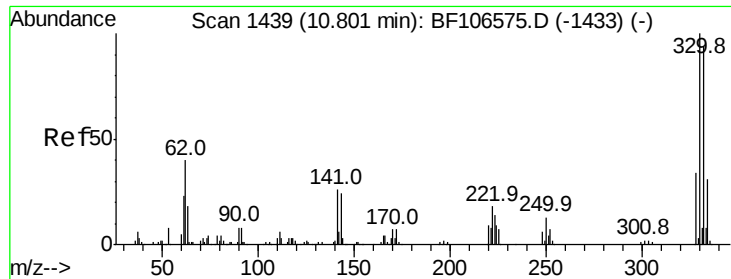
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF106686.D
 Acq: 22 Jun 2018 2:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	90737		
162	94.8	86.1	129.1	
160	42.6	38.3	57.5	





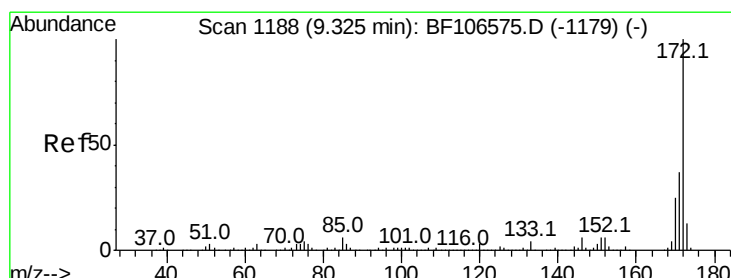
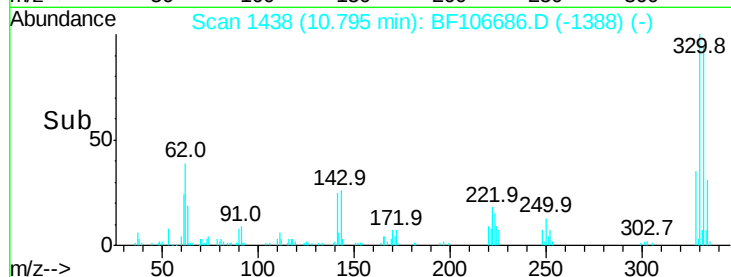
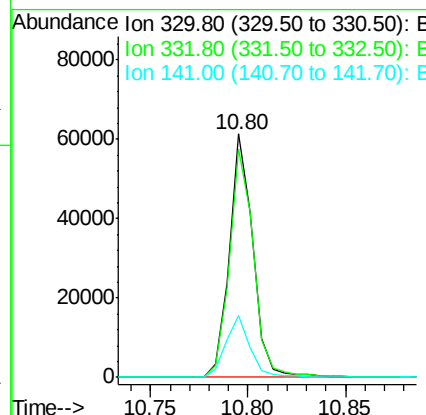
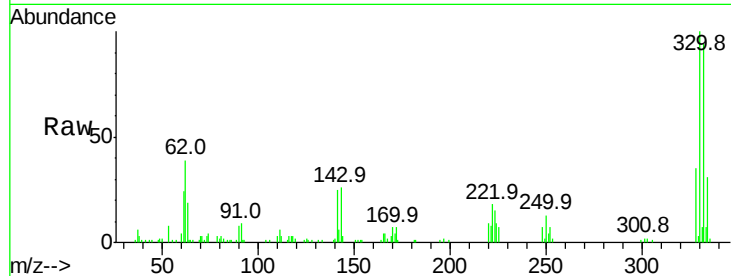
#41
 2,4,6-Tribromophenol
 Concen: 48.748 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106686.D
 Acq: 22 Jun 2018 2:41

Instrument :
 BNA_F
 ClientSampleId :
 26KV-TP-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	25.9	29.9	44.9#

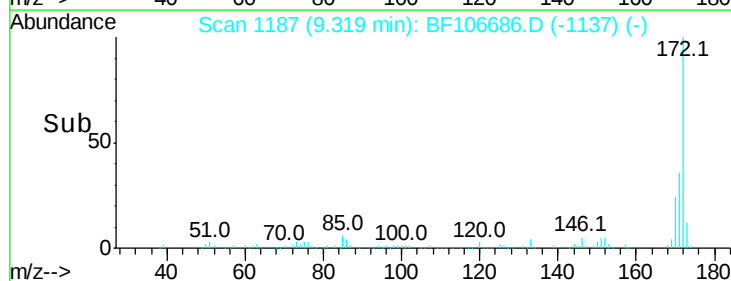
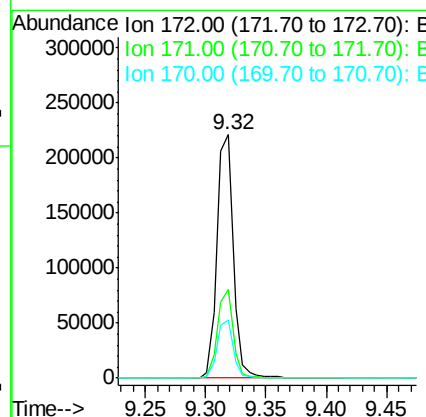
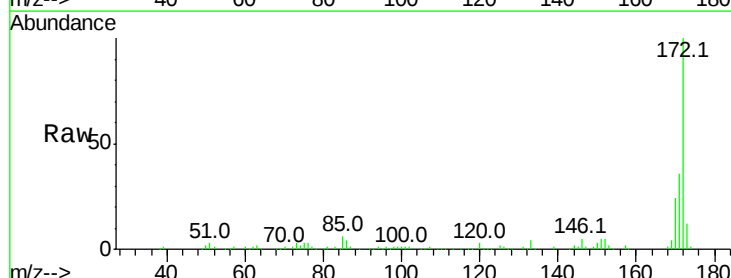
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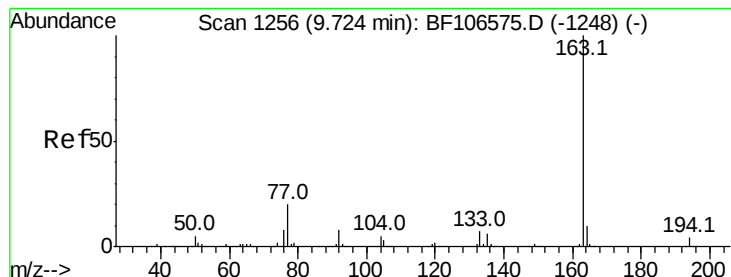
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#44
 2-Fluorobiphenyl
 Concen: 28.759 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106686.D
 Acq: 22 Jun 2018 2:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.7	19.6	29.4





#49

Dimethylphthalate

Concen: 3.015 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106686.D

Acq: 22 Jun 2018 2:41

Instrument :

BNA_F

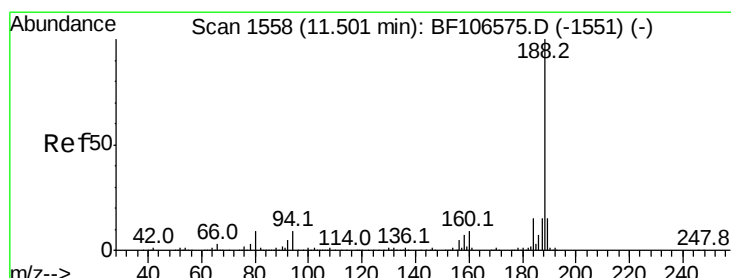
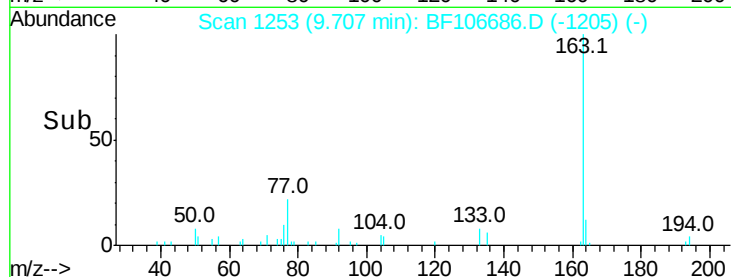
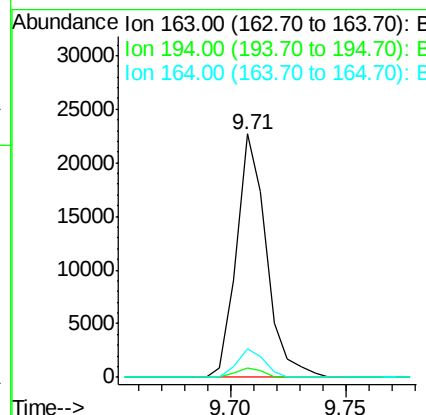
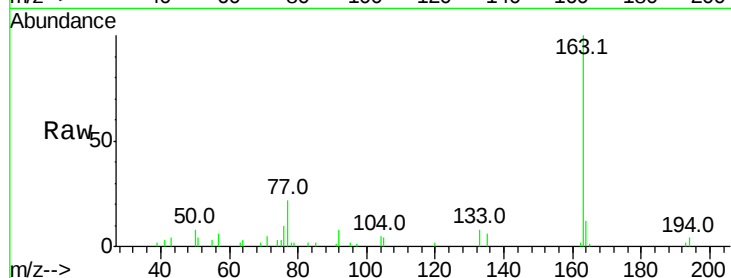
ClientSampleId :

26KV-TP-5

Tot Ion:	163	Resp:	20515
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.7	4.1
164	11.9	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

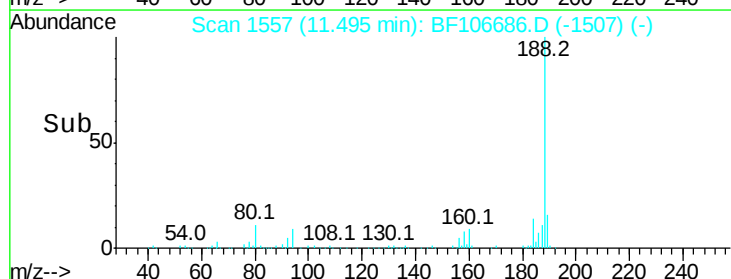
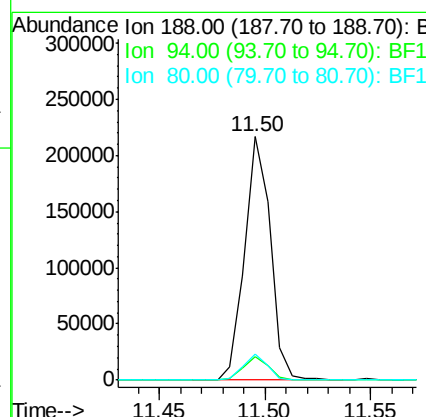
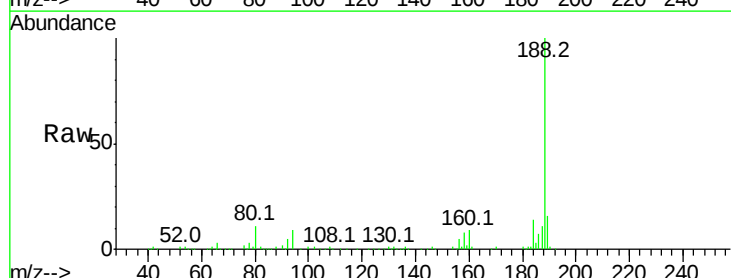
RT: 11.50 min Scan# 1557

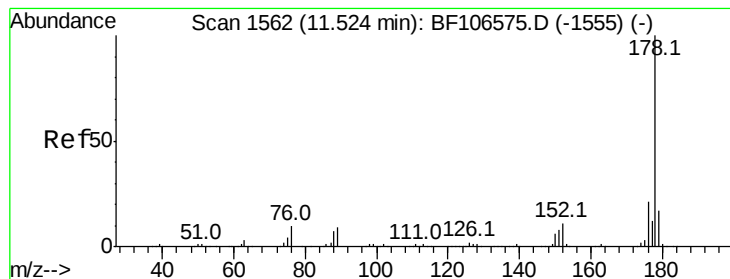
Delta R.T. -0.01 min

Lab File: BF106686.D

Acq: 22 Jun 2018 2:41

Tgt Ion:	188	Resp:	182422
Ion Ratio	Lower	Upper	
188	100		
94	9.4	8.5	12.7
80	10.5	9.2	13.8





#70

Phenanthrene

Concen: 3.183 ng

RT: 11.52 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF106686.D

Acq: 22 Jun 2018 2:41

Instrument :

BNA_F

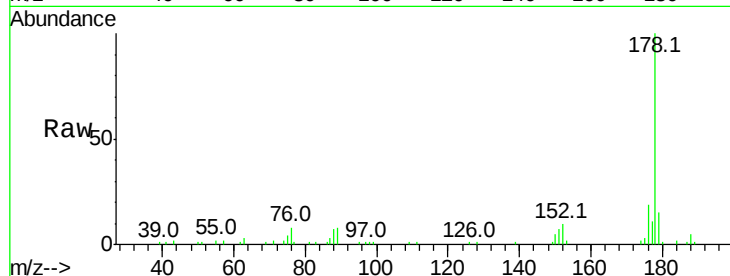
ClientSampleId :

26KV-TP-5

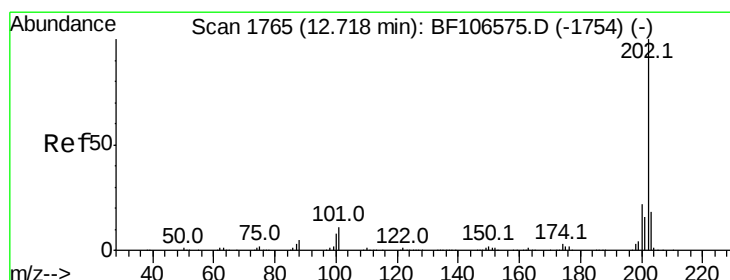
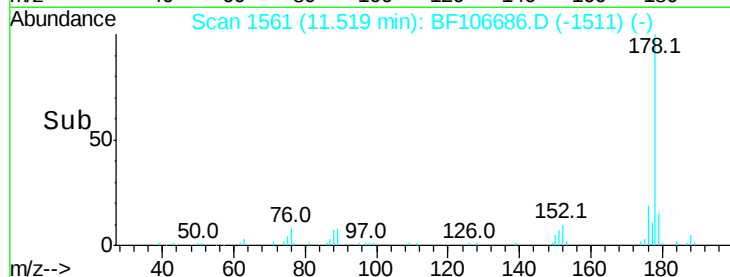
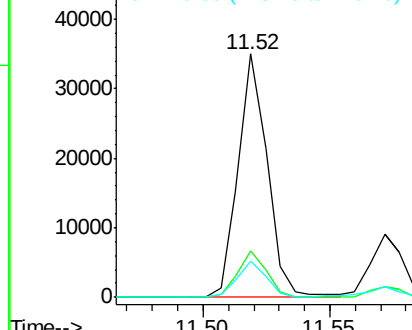
Tot Ion:	178	Resp:	28010
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.8	23.8
179	15.1	13.0	19.6

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 5.508 ng

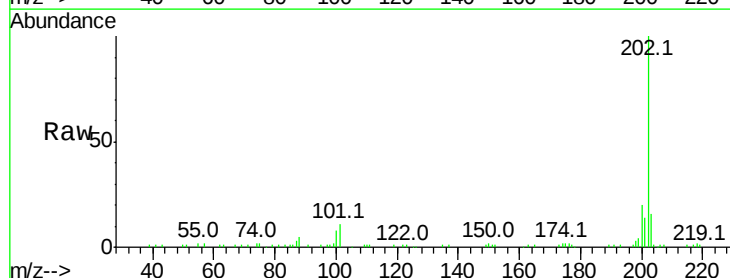
RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

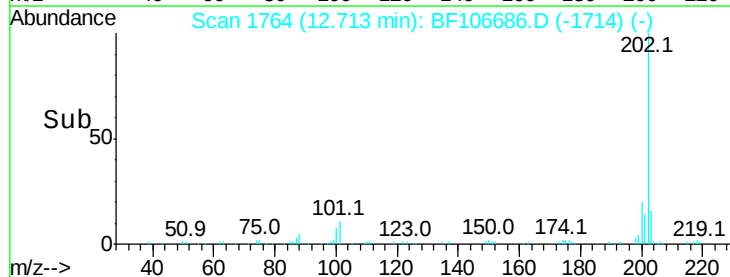
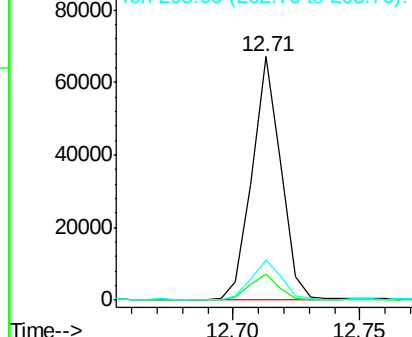
Lab File: BF106686.D

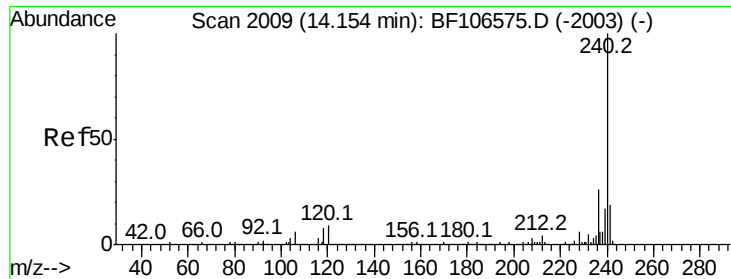
Acq: 22 Jun 2018 2:41

Tgt Ion:	202	Resp:	53414
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	34.1
203	16.5	0.0	38.1



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: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106686.D

Acq: 22 Jun 2018 2:41

Instrument :

BNA_F

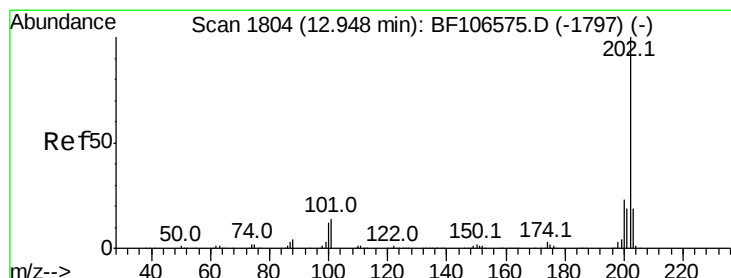
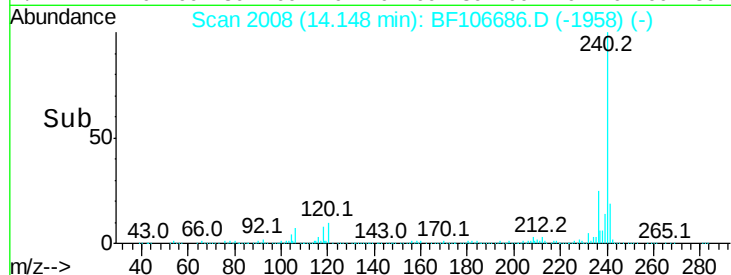
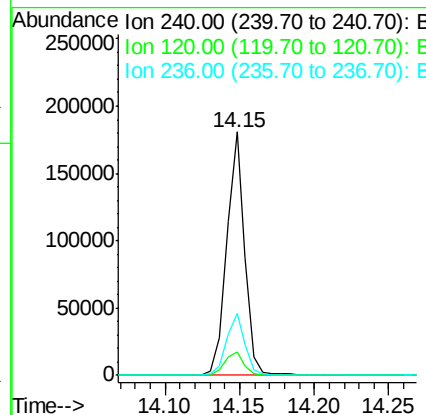
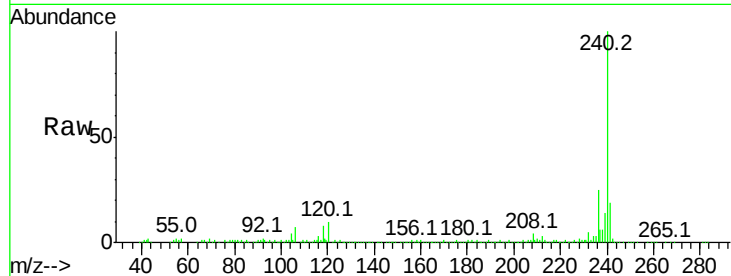
ClientSampleId :

26KV-TP-5

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	9.6	9.5	14.3
236	25.2	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 5.160 ng

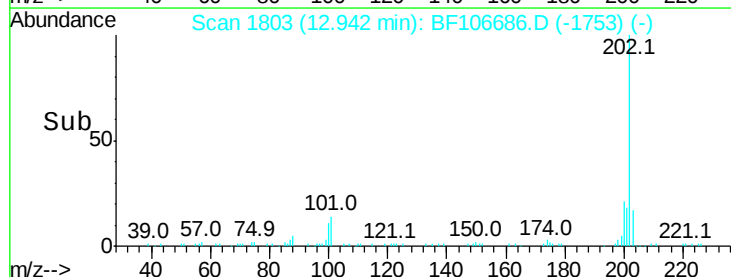
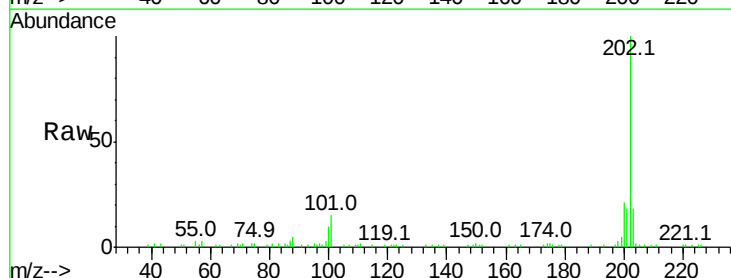
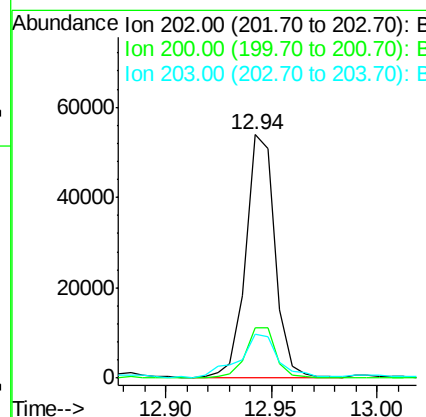
RT: 12.94 min Scan# 1803

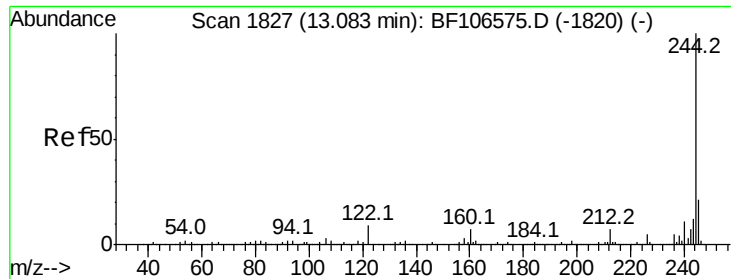
Delta R.T. -0.01 min

Lab File: BF106686.D

Acq: 22 Jun 2018 2:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.9	17.4	26.2
203	18.0	14.3	21.5





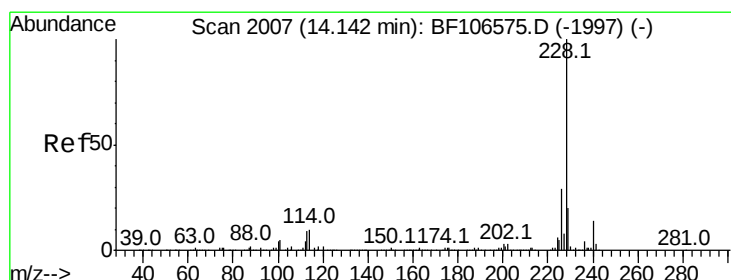
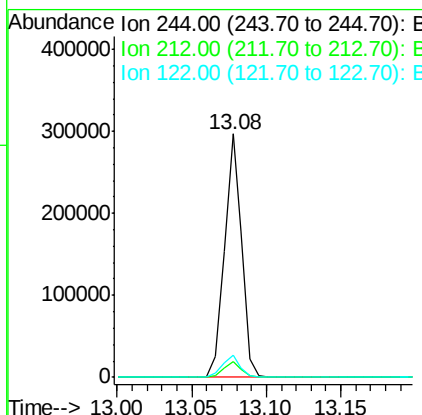
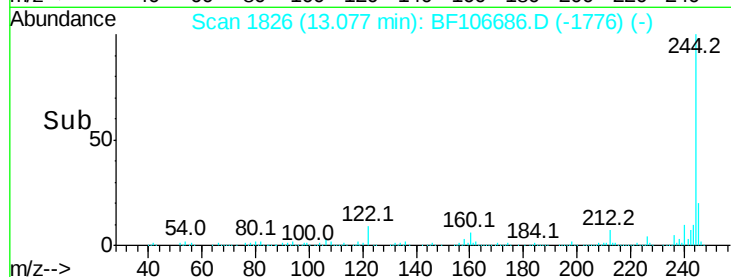
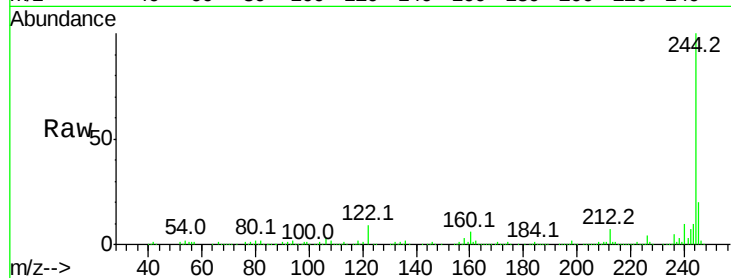
#78
 Terphenyl-d14
 Concen: 38.158 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106686.D
 Acq: 22 Jun 2018 2:41

Instrument :
 BNA_F
 ClientSampleId :
 26KV-TP-5

Tot Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.6	5.4	8.0
122	9.1	11.0	16.4

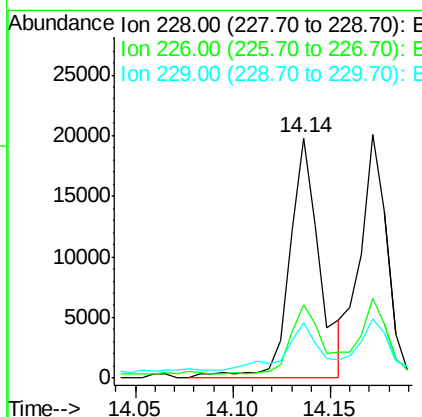
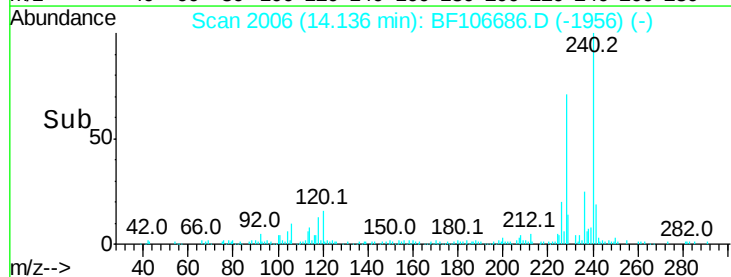
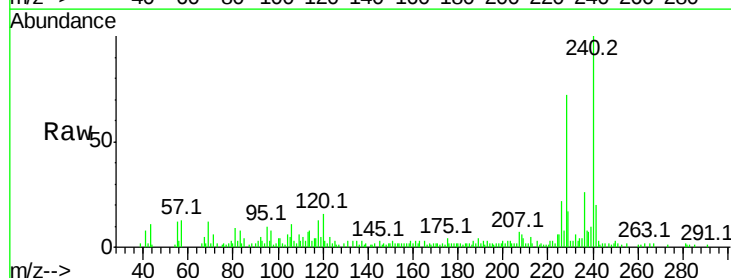
Manual Integrations
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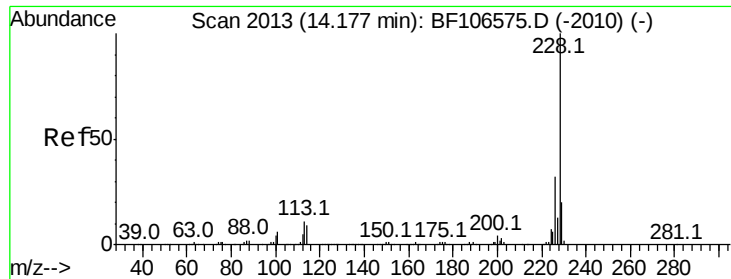
Sohil
 6/22/2018 10:23:40 AM



#80
 Benzo(a)anthracene
 Concen: 2.259 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF106686.D
 Acq: 22 Jun 2018 2:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.7	22.6	33.8
229	23.3	15.8	23.6





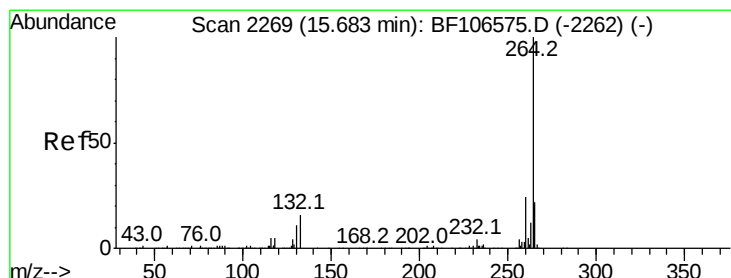
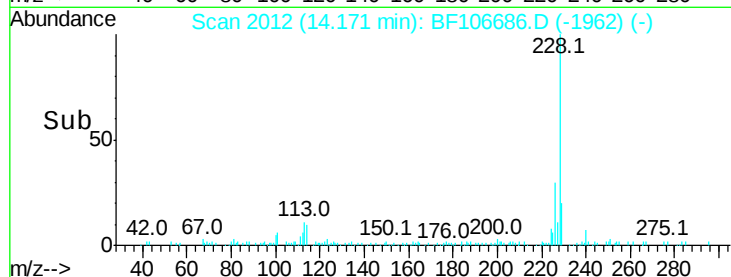
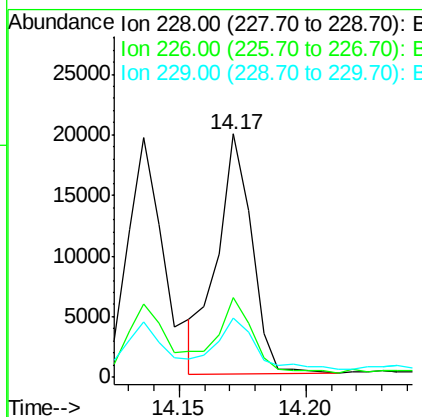
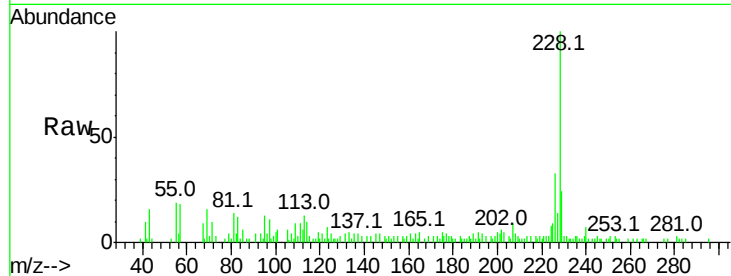
#82
Chrysene
Concen: 2.184 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF106686.D
Acq: 22 Jun 2018 2:41

Instrument :
BNA_F
ClientSampled :
26KV-TP-5

Tot Ion	Ratio	Resp	Lower	Upper
228	100	18806		
226	32.9		25.0	37.6
229	24.3		16.2	24.4

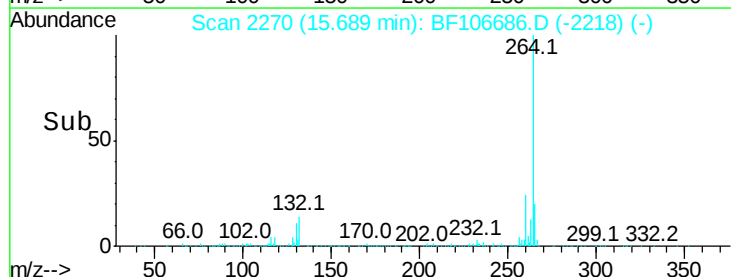
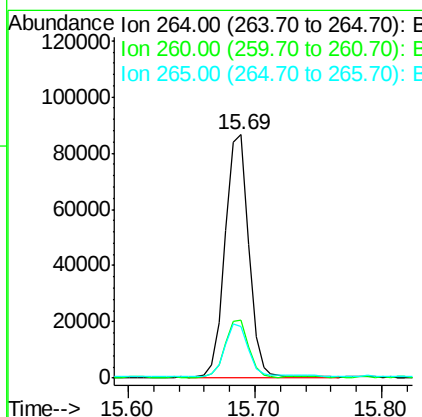
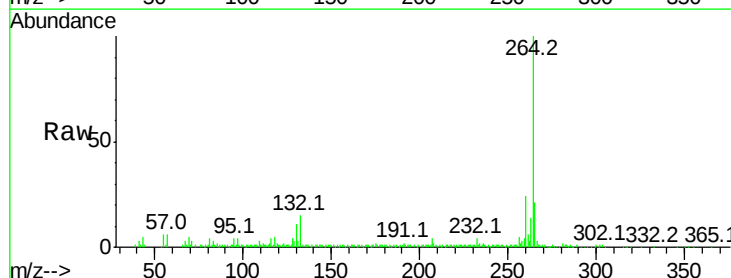
Manual Integrations
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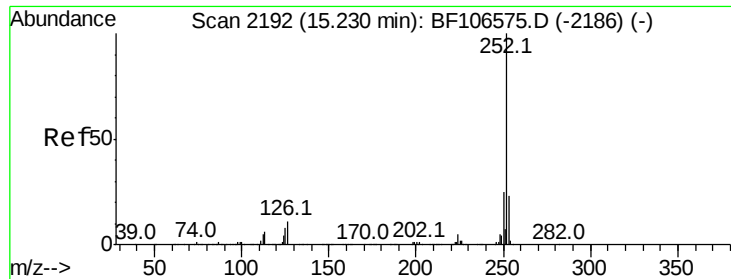
Sohil
6/22/2018 10:23:40 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF106686.D
Acq: 22 Jun 2018 2:41

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	113417		
260	23.9		19.2	28.8
265	20.9		17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 2.434 ng m
 RT: 15.22 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BF106686.D
 Acq: 22 Jun 2018 2:41

Instrument :
 BNA_F
 ClientSampleId :
 26KV-TP-5

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.0	17.0	25.6#
125	18.1	9.0	13.6#

Manual Integrations
 APPROVED

Sohil
 6/22/2018 10:23:40 AM

