

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
 Data File : BF106687.D
 Acq On : 22 Jun 2018 3:08
 Operator : JU/SJ
 Sample : J3603-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26KV-TP-3

Manual Integrations
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Sohil
 6/22/2018 10:23:43 AM

Quant Time: Jun 22 04:39:21 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	55131	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	191980	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	88189	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	180669	20.00	ng	0.00
75) Chrysene-d12	14.15	240	144131	20.00	ng	0.00
86) Perylene-d12	15.69	264	109600	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	168476	51.75	ng	0.00
7) Phenol-d6	6.61	99	376030	92.48	ng	0.00
23) Nitrobenzene-d5	7.52	82	239905	69.45	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	30841	30.17	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	385922	71.78	ng	0.00
78) Terphenyl-d14	13.08	244	475546	79.92	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	39747	6.009	ng	99
51) Acenaphthene	10.04	154	11310	2.056	ng	96
70) Phenanthrene	11.52	178	175522	20.142	ng	99
71) Anthracene	11.57	178	51678	5.810	ng	97
72) Carbazole	11.73	167	20814	2.499	ng	97
74) Fluoranthene	12.72	202	405083	42.176	ng	95
77) Pyrene	12.95	202	407131	42.836	ng	100
80) Benzo(a)anthracene	14.14	228	208313	23.714	ng	100
82) Chrysene	14.18	228	182711	22.608	ng	97
83) Bis(2-ethylhexyl)phthalate	14.10	149	183822	36.794	ng	98
85) Indeno(1,2,3-cd)pyrene	17.25	276	67243m	9.805	ng	
87) Benzo(b)fluoranthene	15.23	252	172773m	25.377	ng	
88) Benzo(k)fluoranthene	15.26	252	63233m	9.753	ng	
89) Benzo(a)pyrene	15.62	252	114406	18.903	ng	95
90) Dibenzo(a,h)anthracene	17.26	278	18451m	3.597	ng	
91) Benzo(g,h,i)perylene	17.74	276	61512	12.269	ng	# 88

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

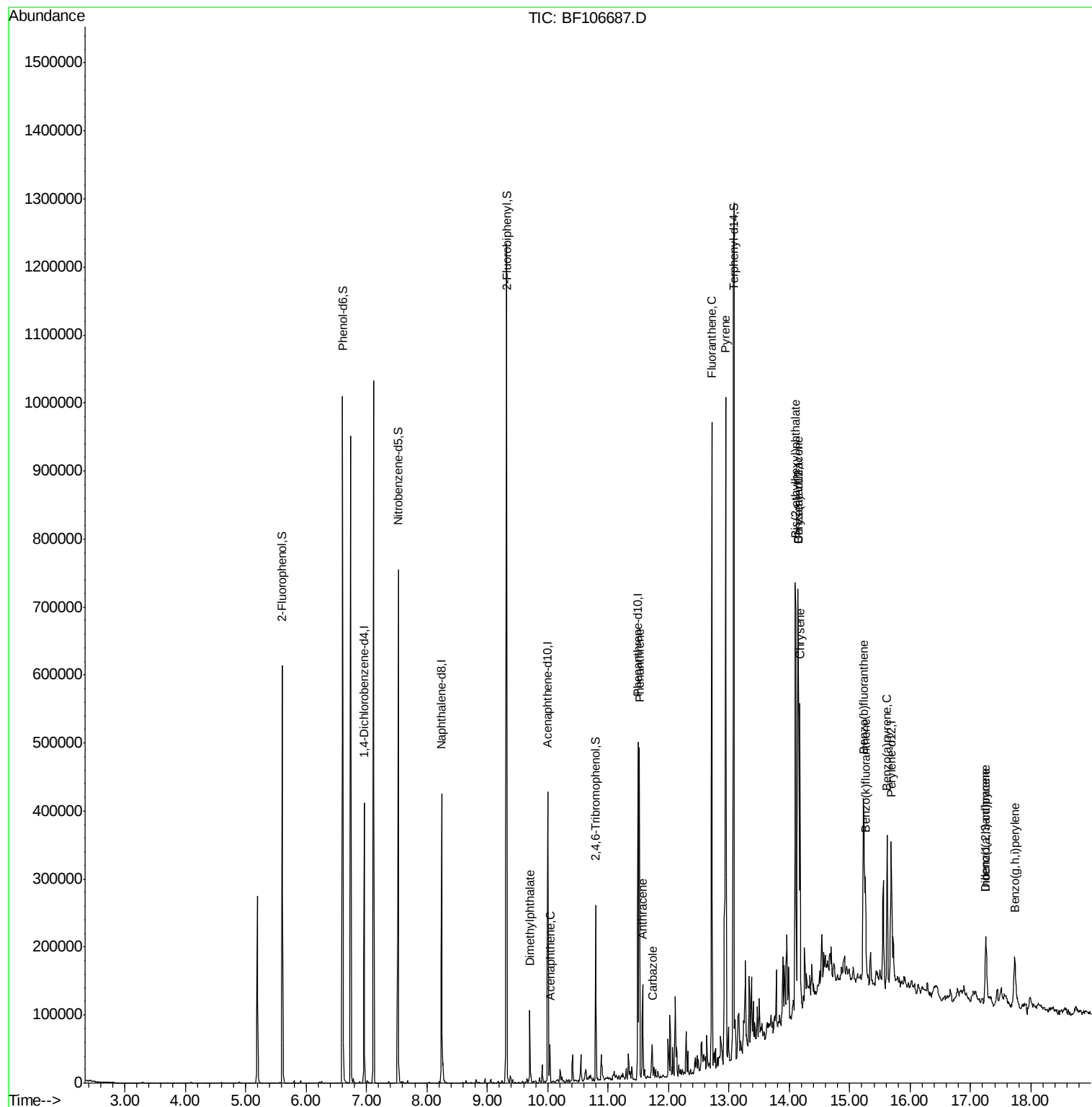
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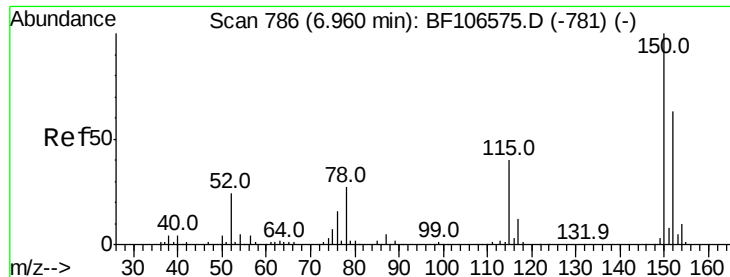
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#1

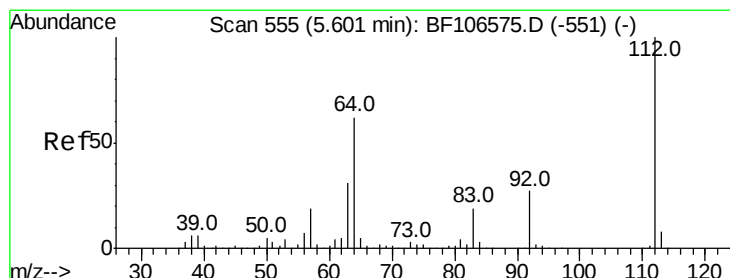
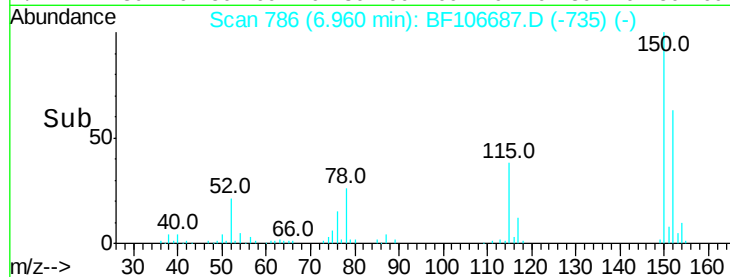
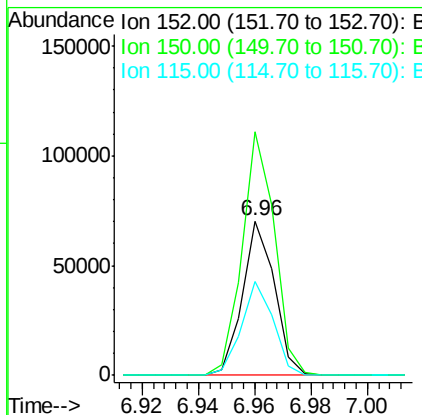
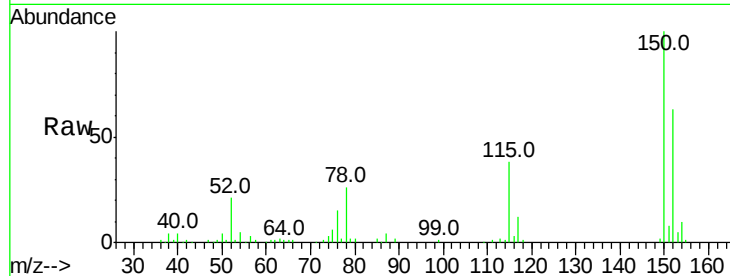
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106687.D
Acq: 22 Jun 2018 3:08

Instrument :
BNA_F
ClientSampleId :
26KV-TP-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.6	186.8
115	60.5	50.1	75.1

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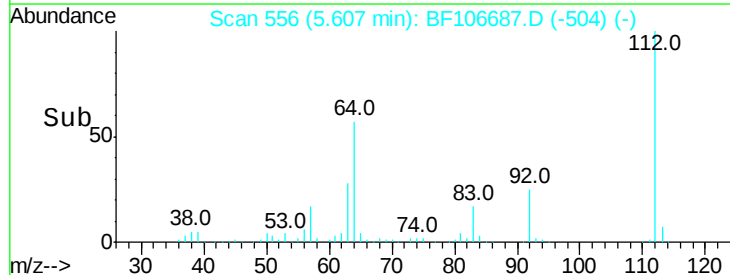
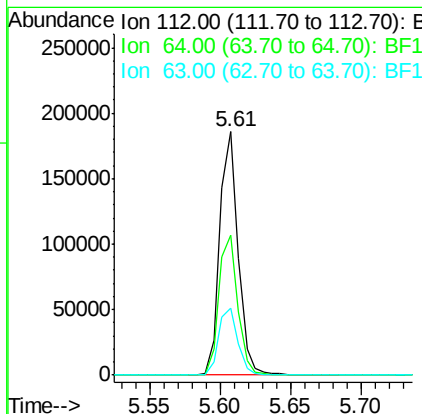
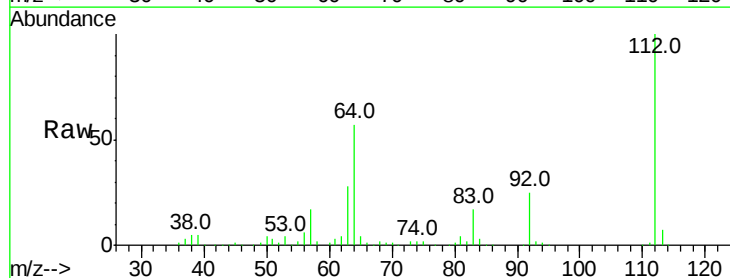
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#5

2-Fluorophenol
Concen: 51.746 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106687.D
Acq: 22 Jun 2018 3:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.9	71.9
63	27.7	23.7	35.5





#7

Phenol-d6

Concen: 92.485 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106687.D

Acq: 22 Jun 2018 3:08

Instrument :

BNA_F

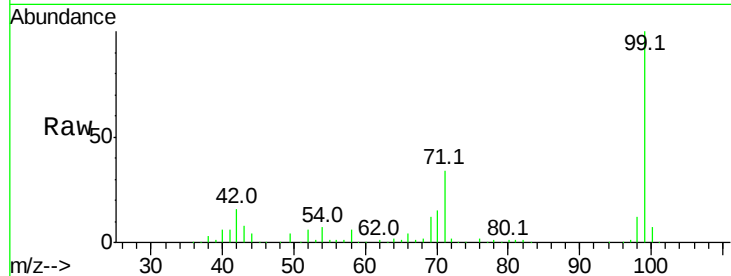
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26KV-TP-3

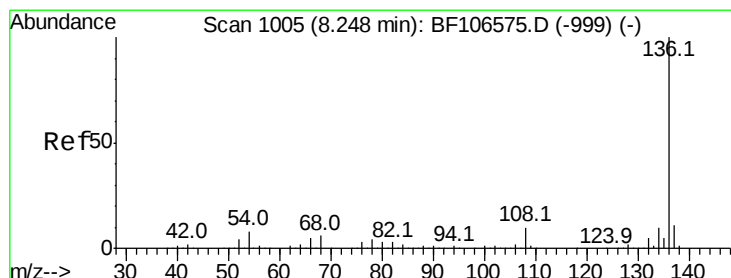
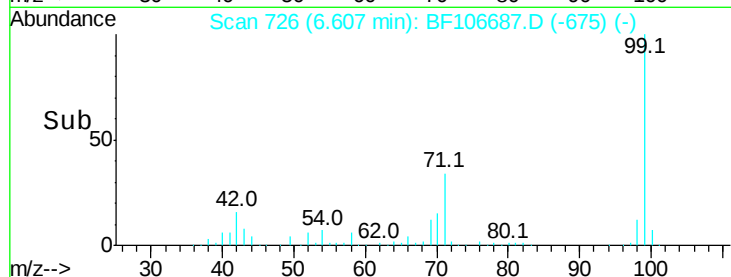
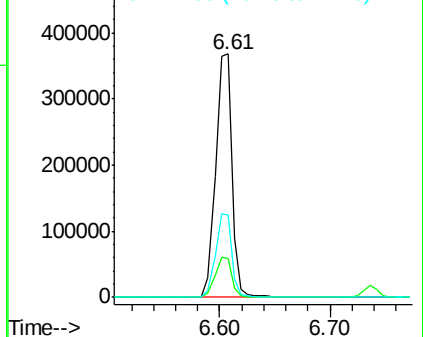
Tot Ion:	99	Resp:	376030
Ion Ratio	Lower	Upper	
99	100		
42	16.1	14.5	21.7
71	33.8	25.4	38.0

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

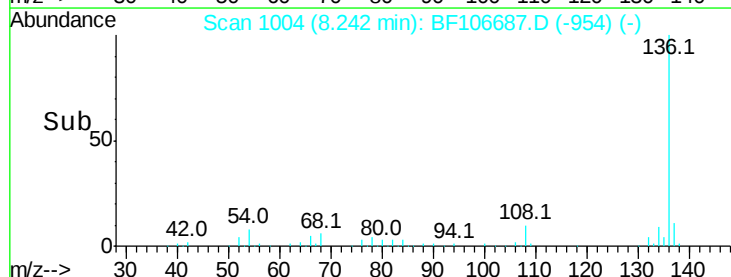
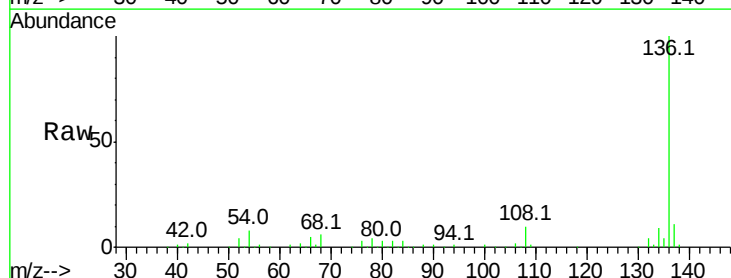
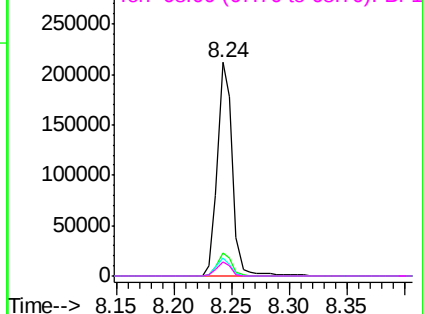
Delta R.T. -0.01 min

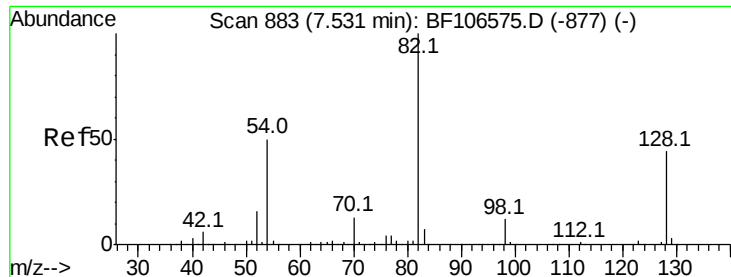
Lab File: BF106687.D

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Tgt Ion:	136	Resp:	191980
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	8.4	6.6	9.8
68	6.4	5.0	7.4

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





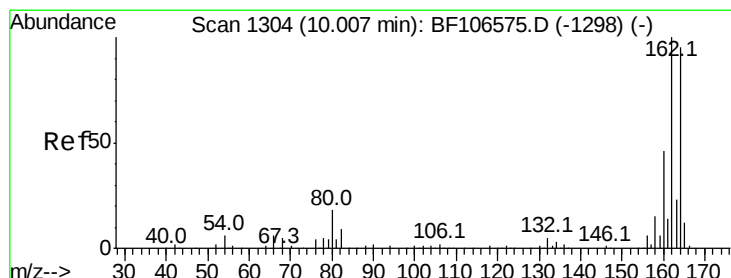
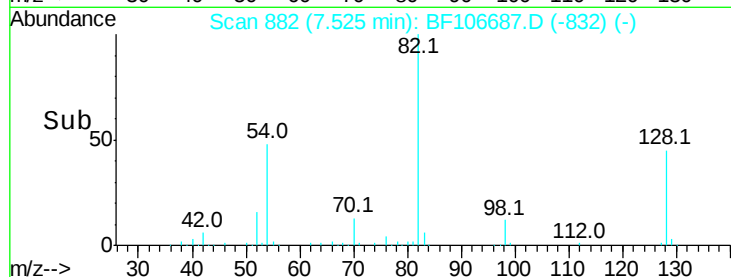
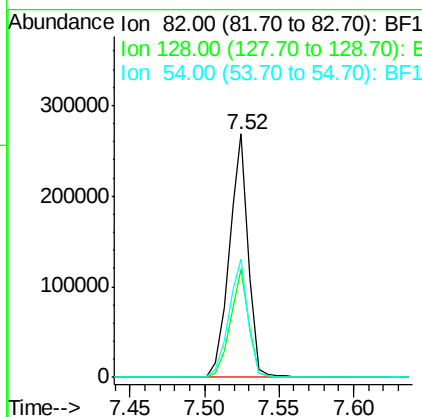
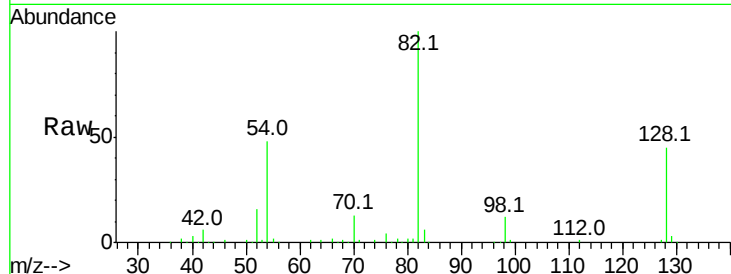
#23
Nitrobenzene-d5
Concen: 69.447 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106687.D
Acq: 22 Jun 2018 3:08

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.5	36.1	54.1	
54	48.5	41.4	62.2	

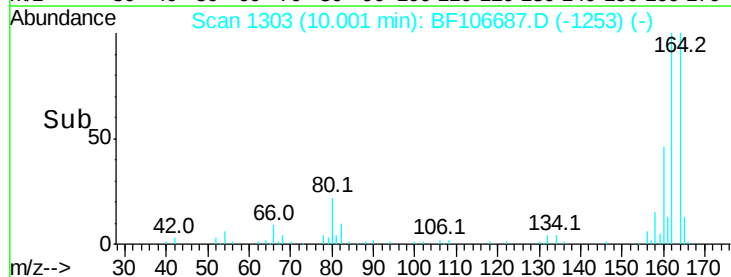
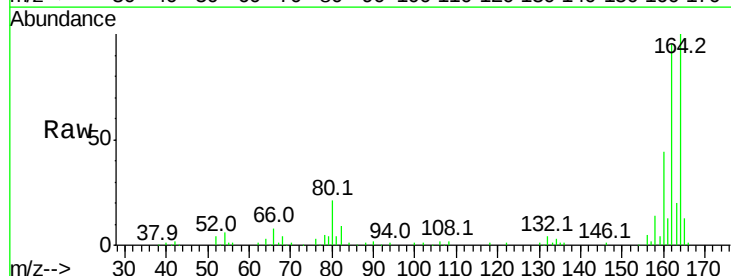
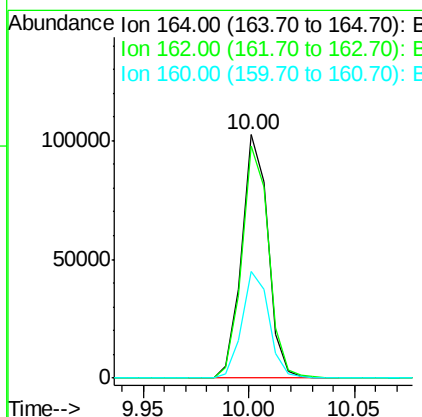
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106687.D
Acq: 22 Jun 2018 3:08

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	95.2	86.1	129.1	
160	43.6	38.3	57.5	





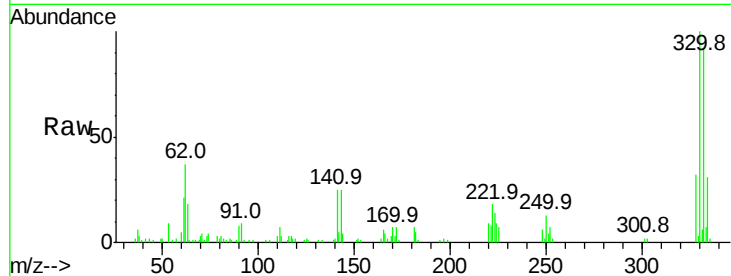
#41
 2,4,6-Tribromophenol
 Concen: 30.173 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106687.D
 Acq: 22 Jun 2018 3:08

Instrument :
 BNA_F
 ClientSampleId :
 26KV-TP-3

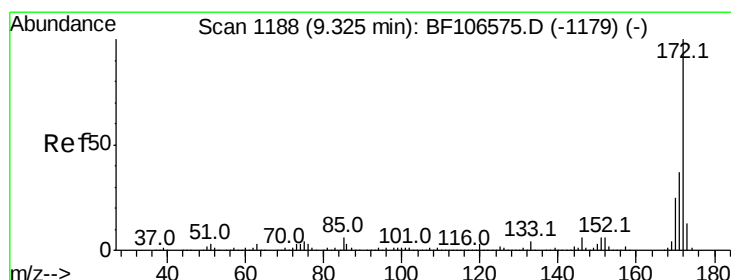
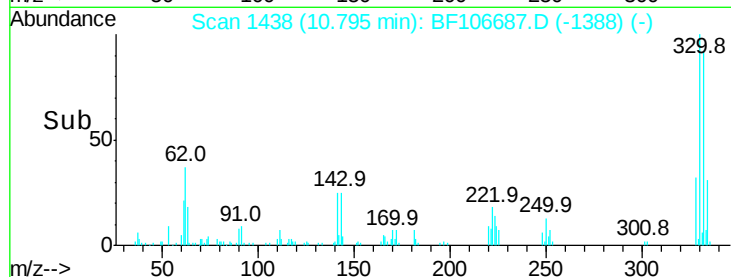
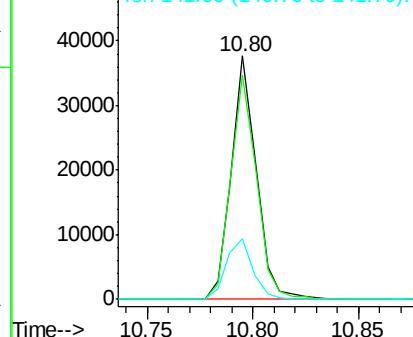
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.4	77.0	115.6	
141	26.3	29.9	44.9	

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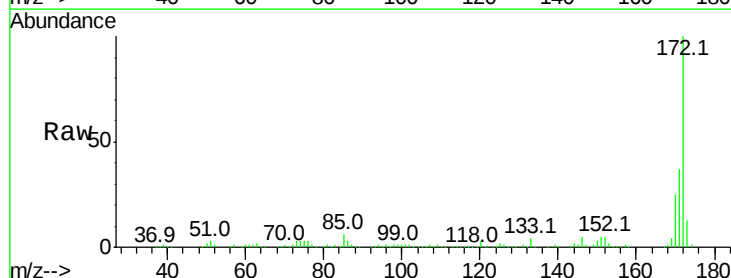


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

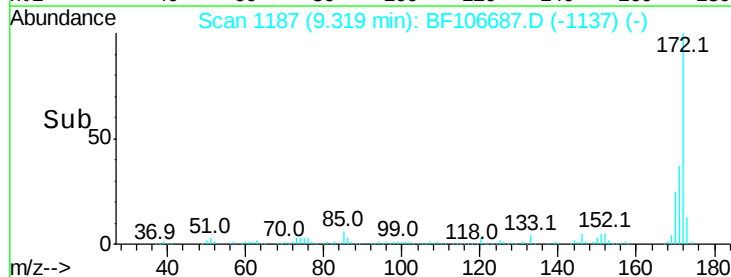
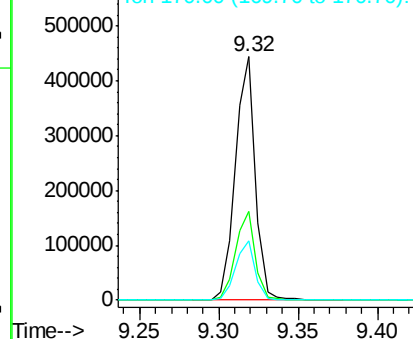


#44
 2-Fluorobiphenyl
 Concen: 71.776 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106687.D
 Acq: 22 Jun 2018 3:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.7	29.7	44.5	
170	24.6	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





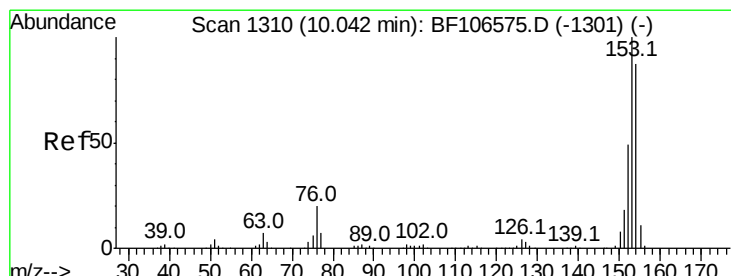
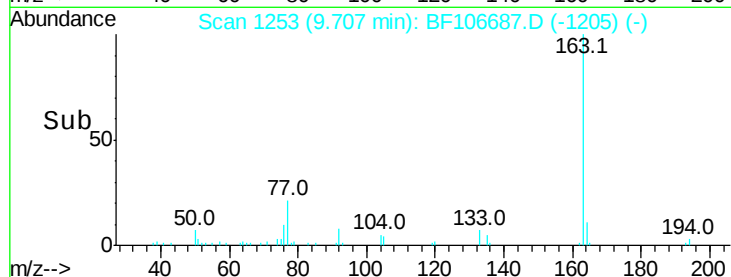
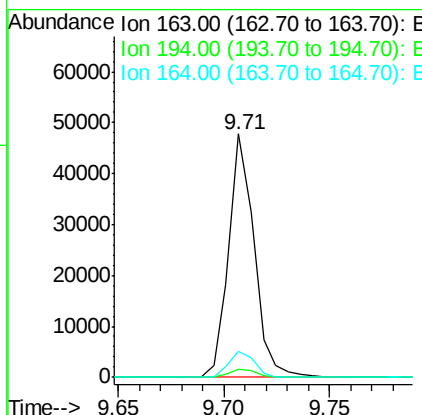
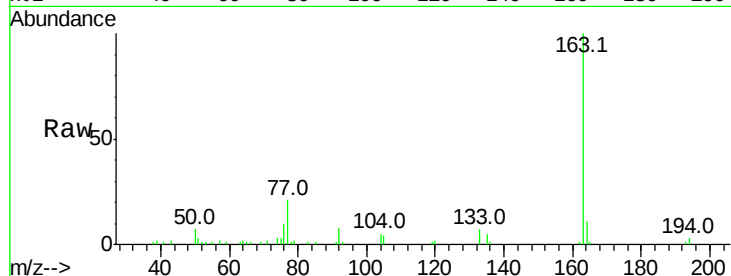
#49
 Dimethylphthalate
 Concen: 6.009 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF106687.D
 Acq: 22 Jun 2018 3:08

Instrument :
 BNA_F
 ClientSampleId :
 26KV-TP-3

Tot Ion:	163	Resp:	39747
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.7	4.1
164	10.9	8.2	12.2

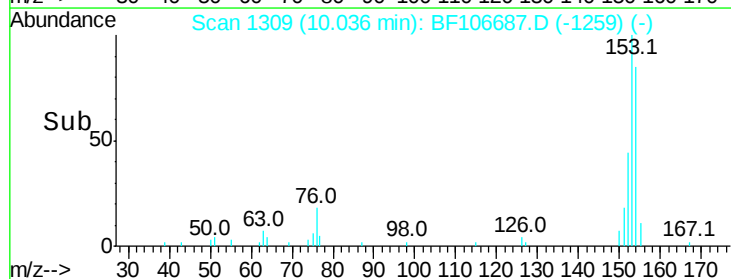
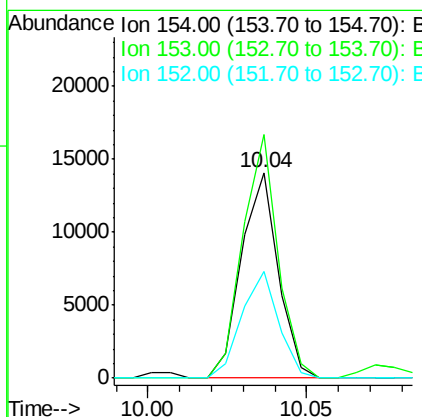
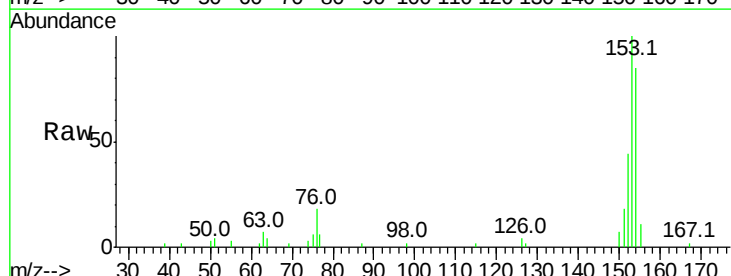
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#51
 Acenaphthene
 Concen: 2.056 ng
 RT: 10.04 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF106687.D
 Acq: 22 Jun 2018 3:08

Tgt Ion:	154	Resp:	11310
Ion Ratio	Lower	Upper	
154	100		
153	118.3	91.2	136.8
152	52.1	43.8	65.8





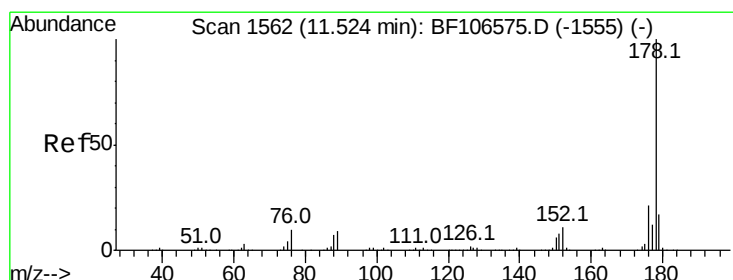
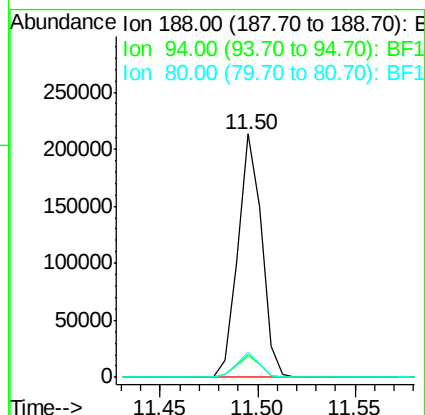
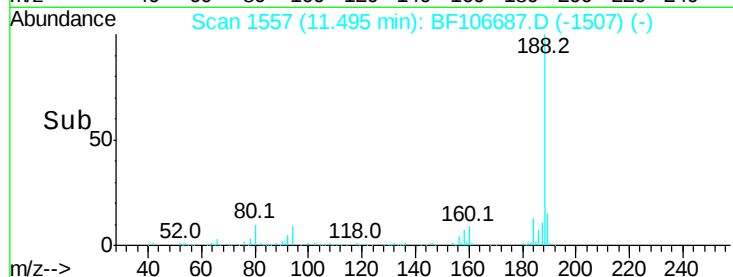
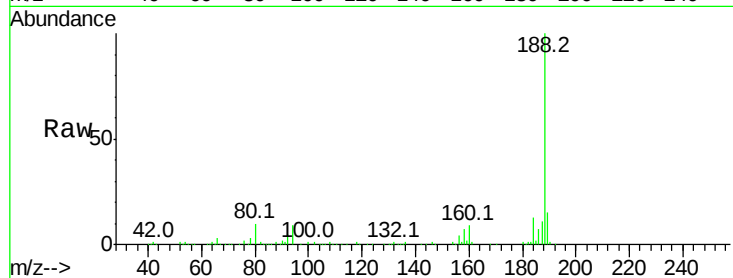
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106687.D
Acq: 22 Jun 2018 3:08

Instrument :
BNA_F
ClientSampleId :
26KV-TP-3

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.0	8.5	12.7
80	10.1	9.2	13.8

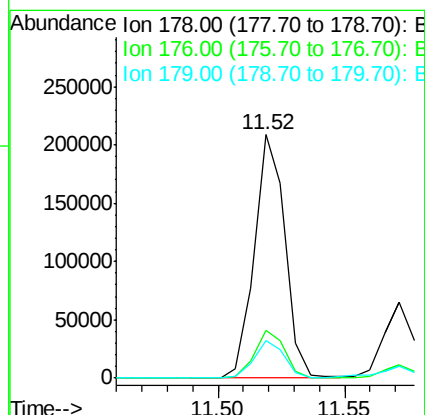
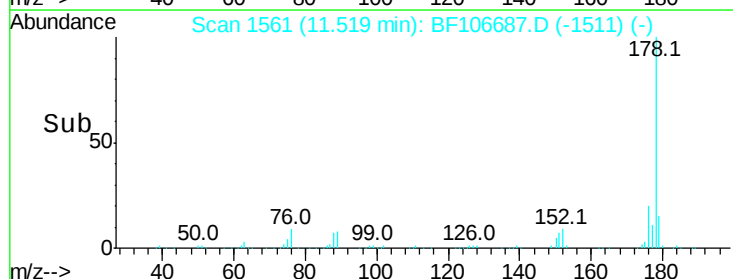
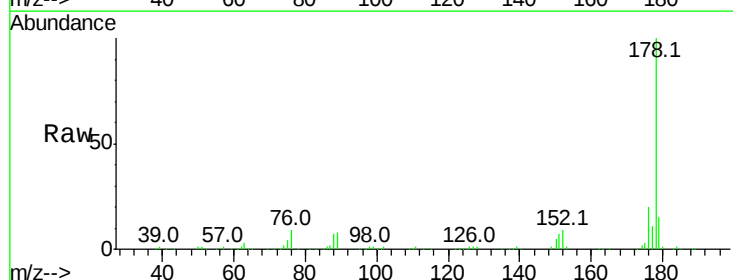
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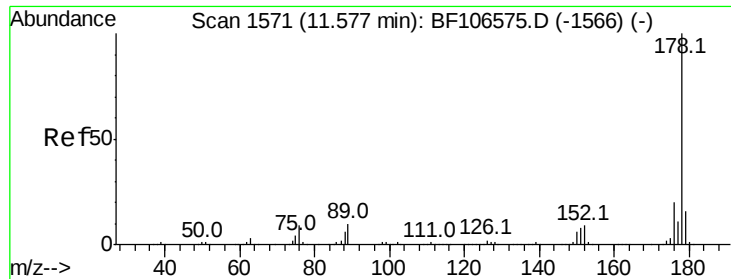
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#70
Phenanthrene
Concen: 20.142 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106687.D
Acq: 22 Jun 2018 3:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.8	15.8	23.8
179	15.5	13.0	19.6





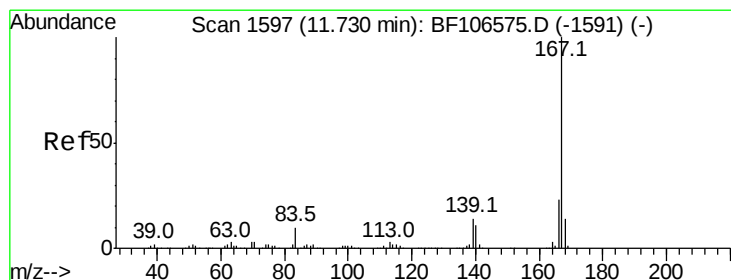
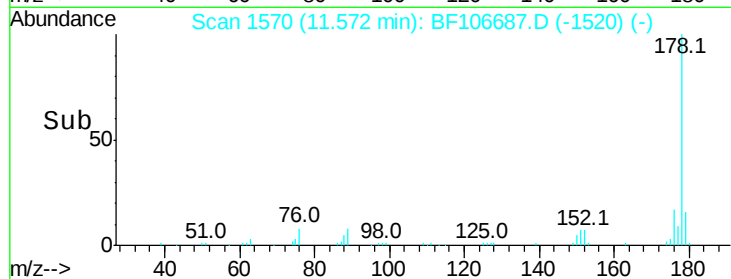
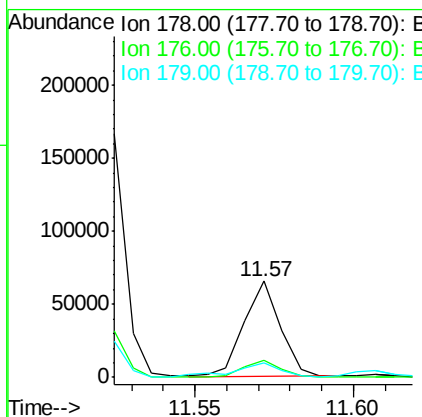
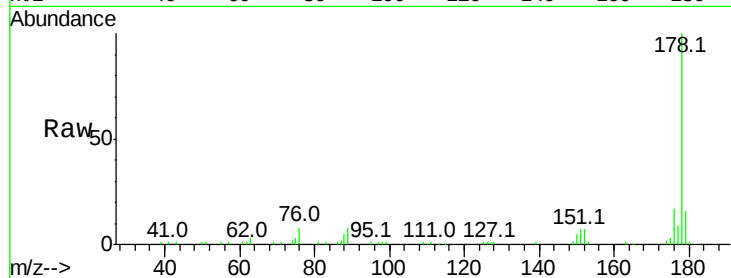
#71
 Anthracene
 Concen: 5.810 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF106687.D
 Acq: 22 Jun 2018 3:08

Instrument :
 BNA_F
 ClientSampleId :
 26KV-TP-3

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.2	15.4	23.2
179	15.6	12.6	19.0

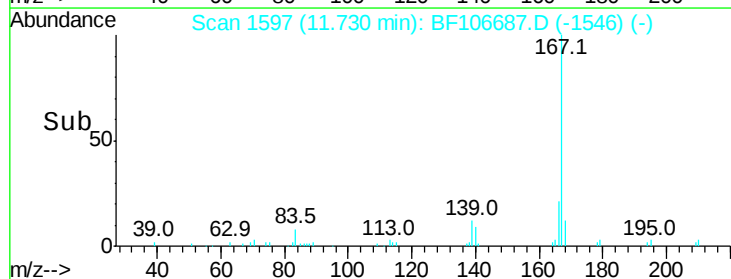
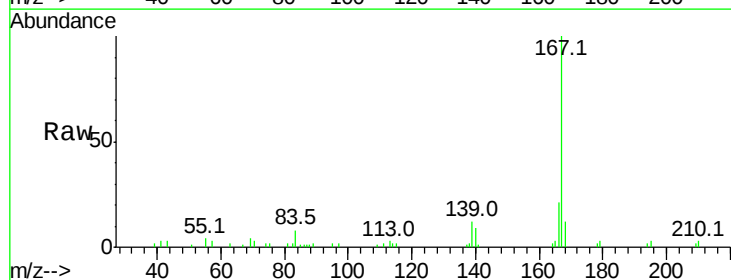
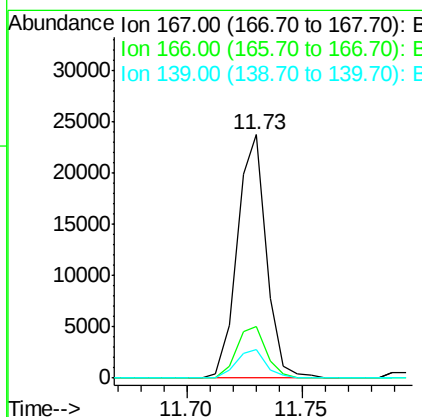
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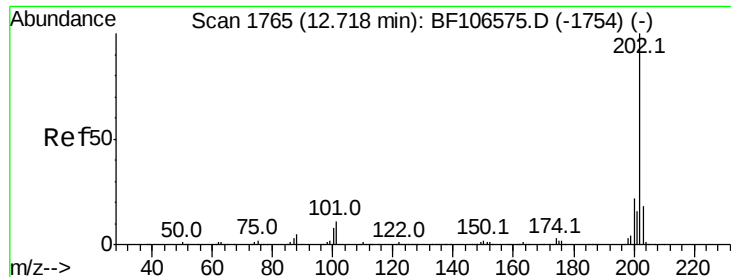
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#72
 Carbazole
 Concen: 2.499 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF106687.D
 Acq: 22 Jun 2018 3:08

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.6	26.4
139	11.9	10.9	16.3





#74

Fluoranthene

Concen: 42.176 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF106687.D

Acq: 22 Jun 2018 3:08

Instrument :

BNA_F

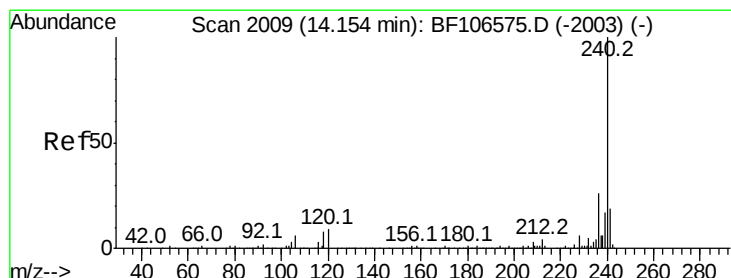
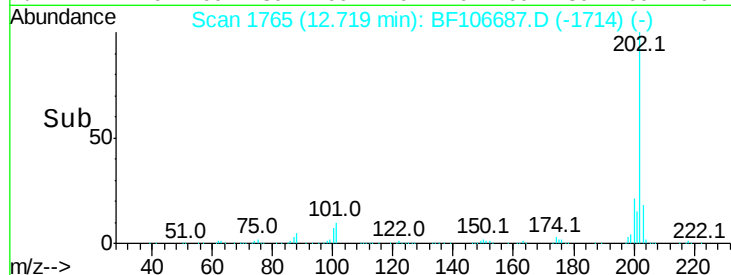
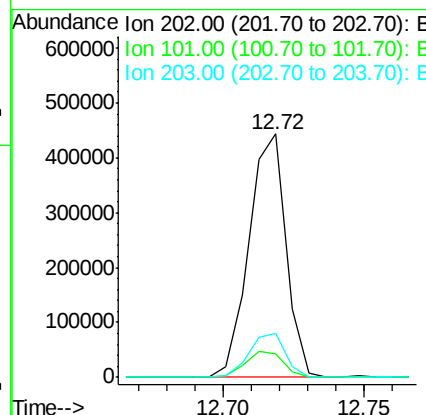
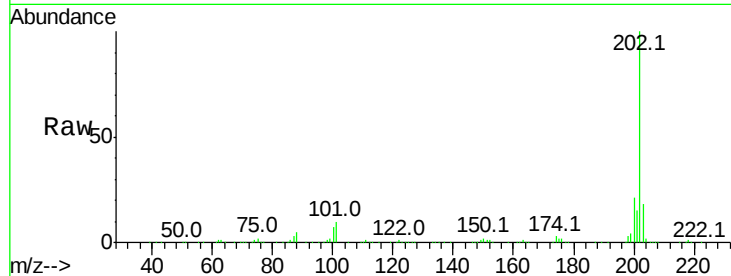
ClientSampleId :

26KV-TP-3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.8	0.0	34.1
203	18.0	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

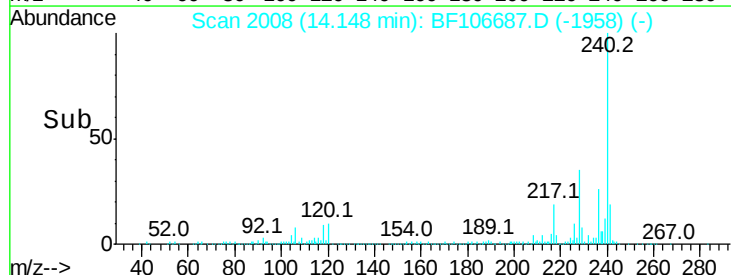
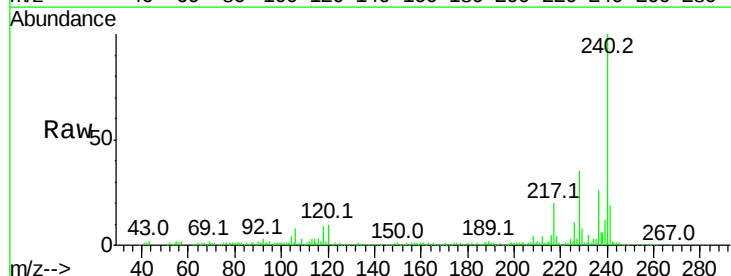
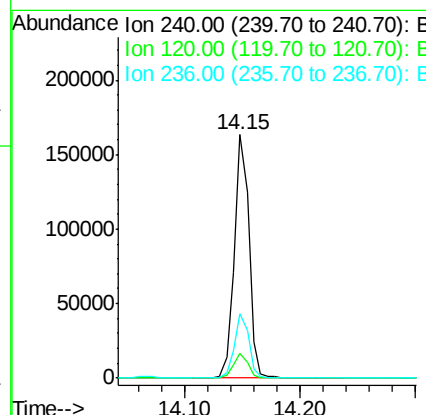
RT: 14.15 min Scan# 2008

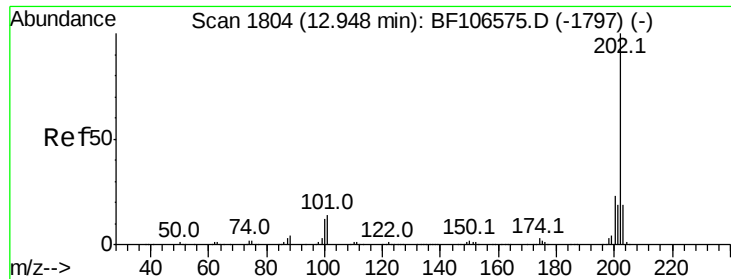
Delta R.T. -0.01 min

Lab File: BF106687.D

Acq: 22 Jun 2018 3:08

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.4	9.5	14.3
236	26.2	20.7	31.1





#77

Pvrene

Concen: 42.836 ng

RT: 12.95 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF106687.D

Acq: 22 Jun 2018 3:08

Instrument :

BNA_F

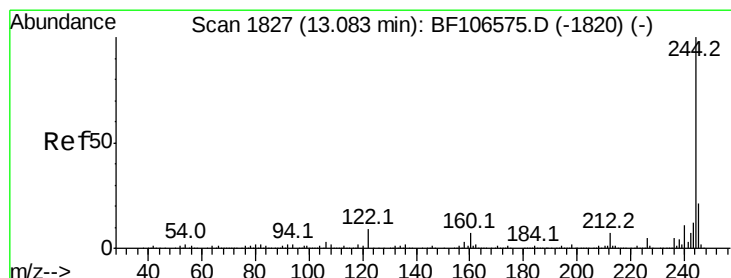
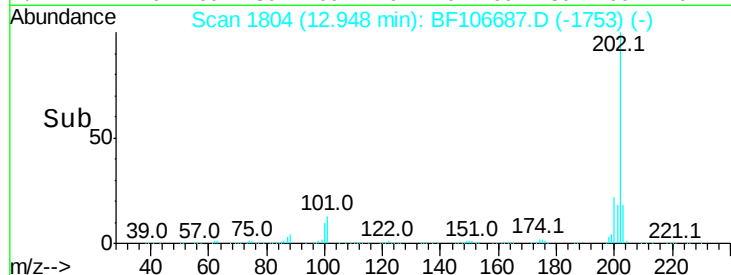
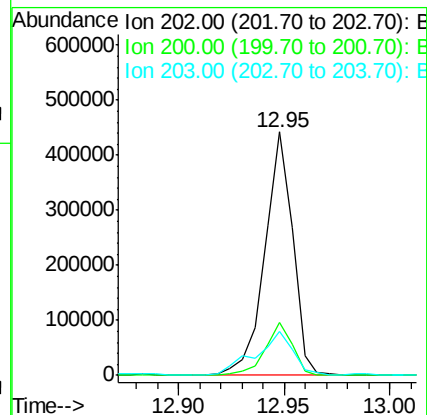
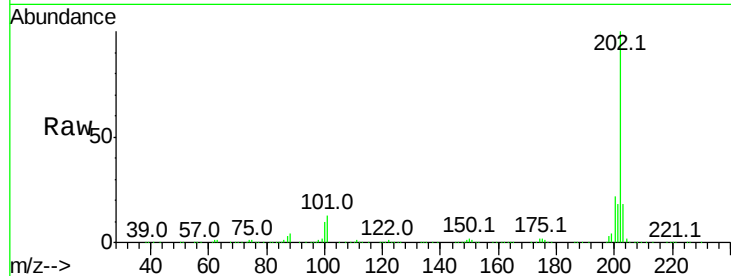
ClientSampleId :

26KV-TP-3

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.8	14.3	21.5

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#78

Terphenyl-d14

Concen: 79.921 ng

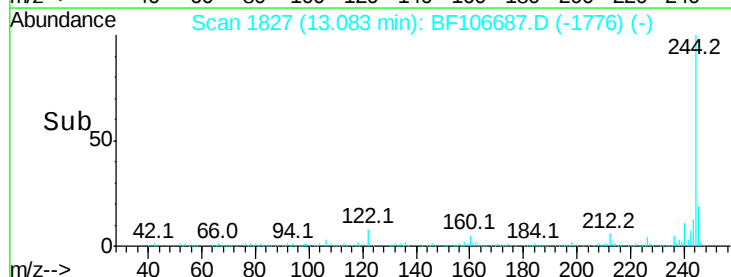
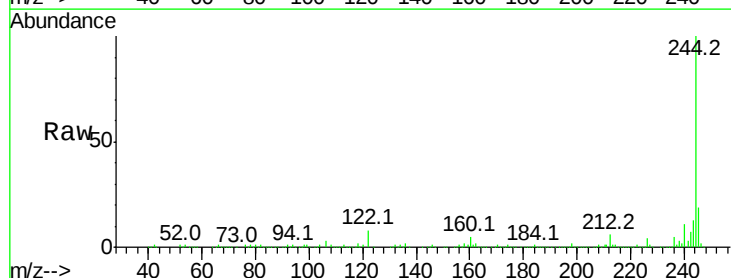
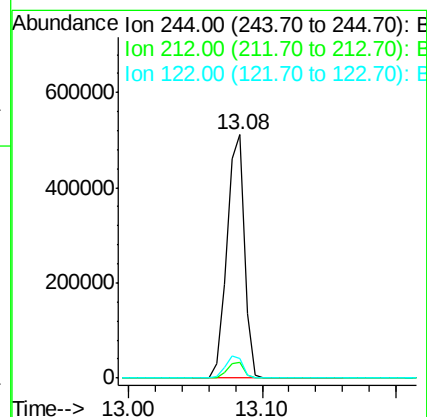
RT: 13.08 min Scan# 1827

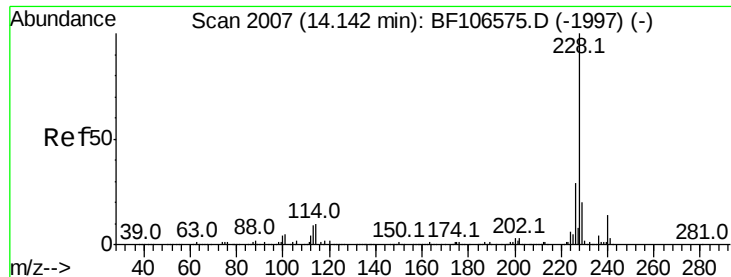
Delta R.T. 0.00 min

Lab File: BF106687.D

Acq: 22 Jun 2018 3:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	8.0	11.0	16.4#





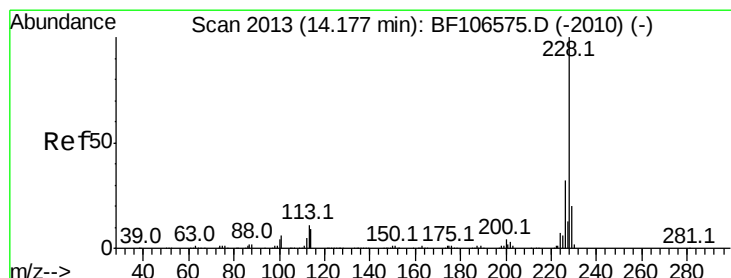
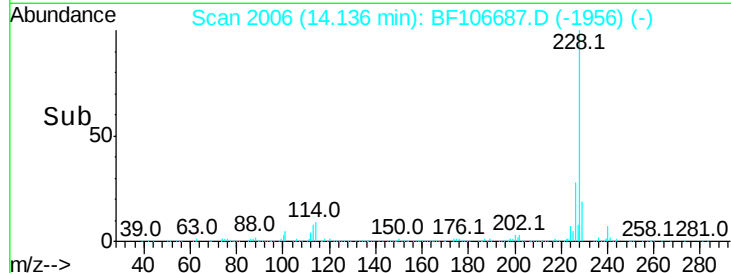
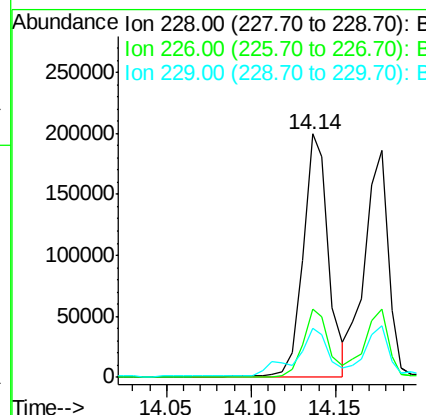
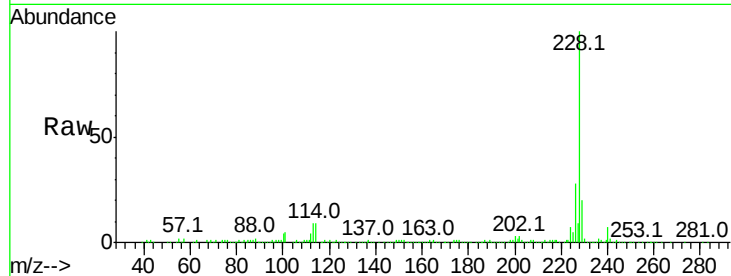
#80
Benzo(a)anthracene
Concen: 23.714 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF106687.D
Acq: 22 Jun 2018 3:08

Instrument :
BNA_F
ClientSampled :
26KV-TP-3

Tot Ion	Ratio	Resp	Lower	Upper
228	100	208313		
226	28.2		22.6	33.8
229	20.1		15.8	23.6

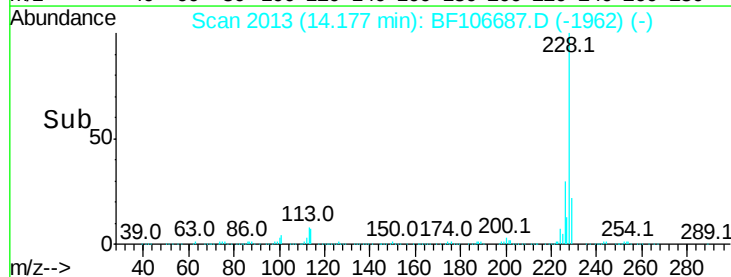
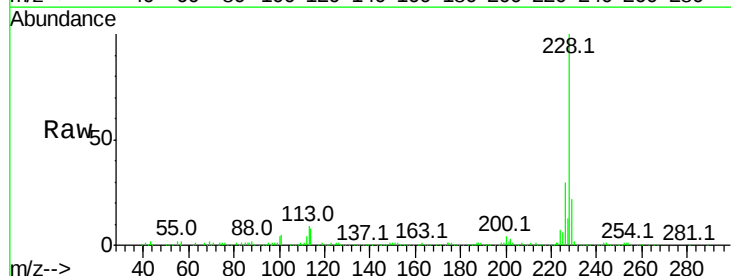
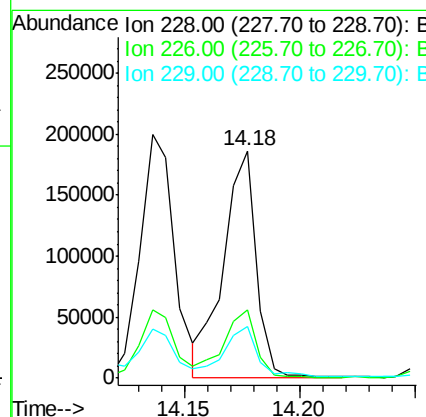
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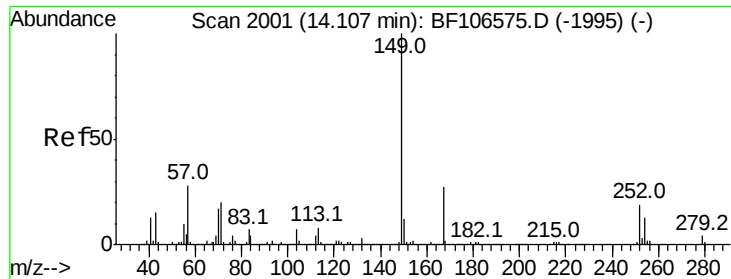
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#82
Chrysene
Concen: 22.608 ng
RT: 14.18 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF106687.D
Acq: 22 Jun 2018 3:08

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	182711		
226	30.1		25.0	37.6
229	22.4		16.2	24.4





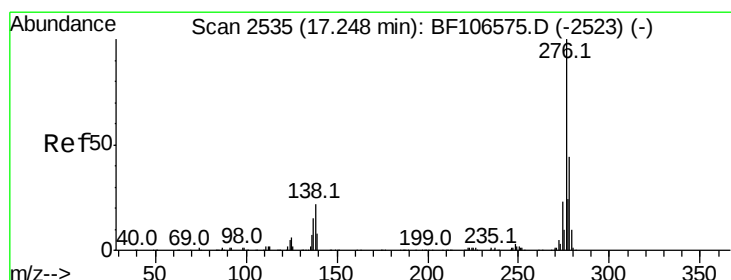
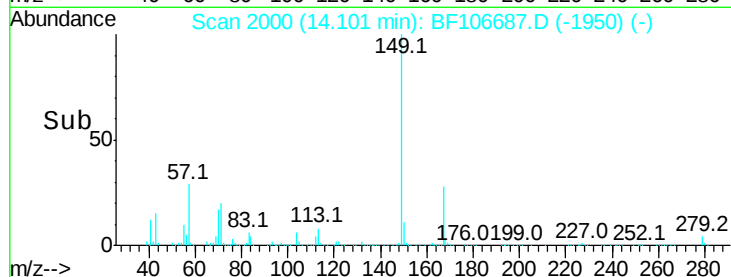
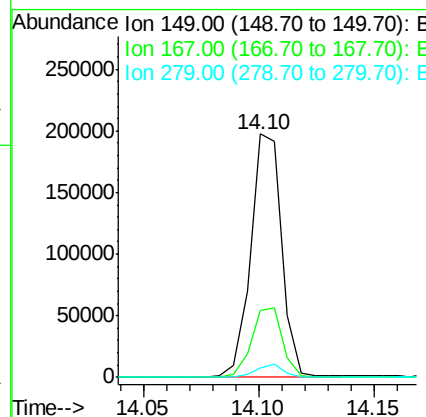
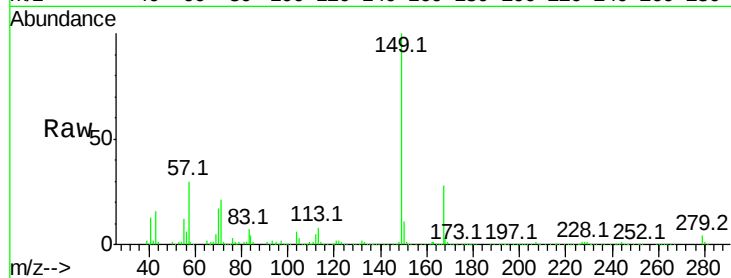
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.794 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF106687.D
 Acq: 22 Jun 2018 3:08

Instrument :
 BNA_F
 ClientSampleID :
 26KV-TP-3

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.8	21.3	31.9	
279	3.9	3.0	4.4	

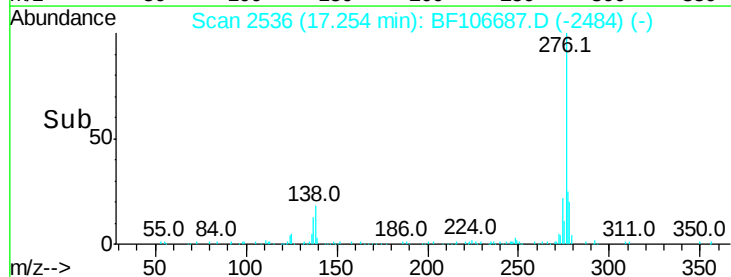
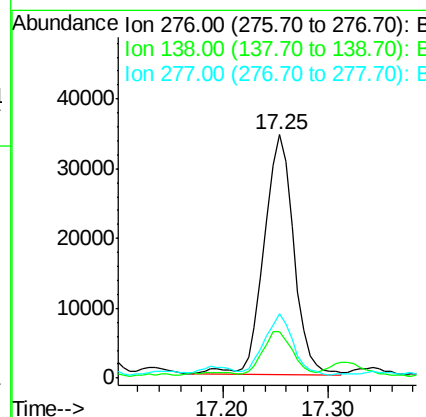
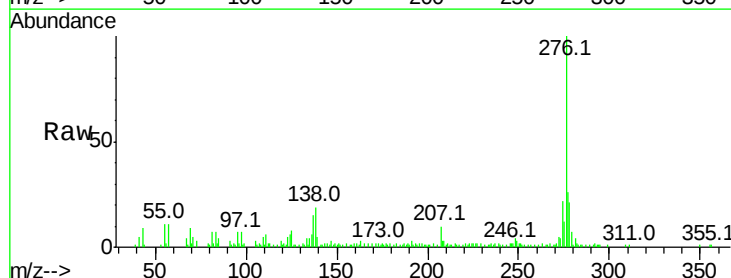
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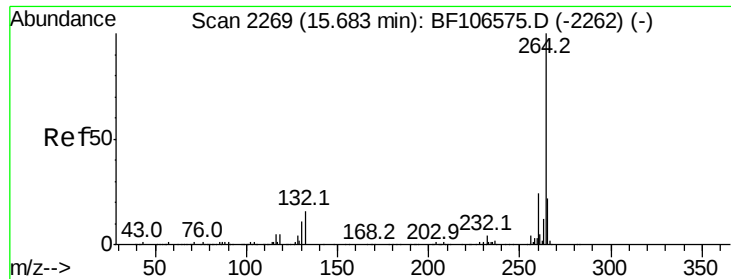
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 9.805 ng m
 RT: 17.25 min Scan# 2536
 Delta R.T. 0.01 min
 Lab File: BF106687.D
 Acq: 22 Jun 2018 3:08

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	6.7	25.0	37.6#	
277	4.8	20.1	30.1#	





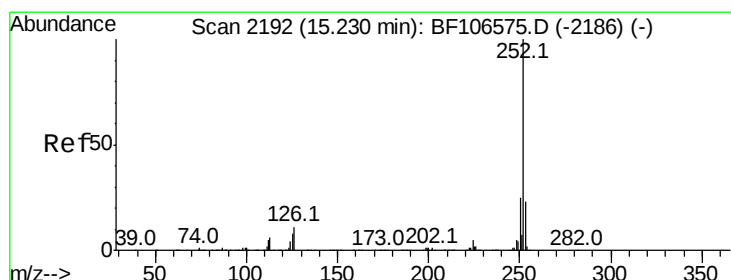
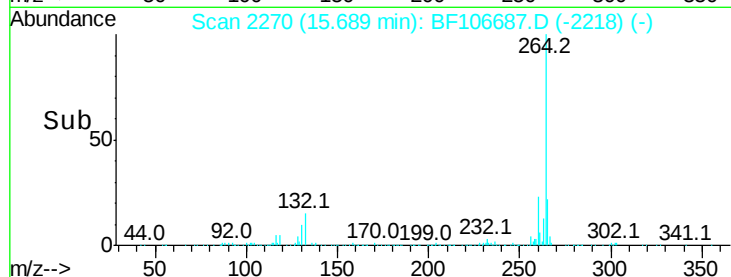
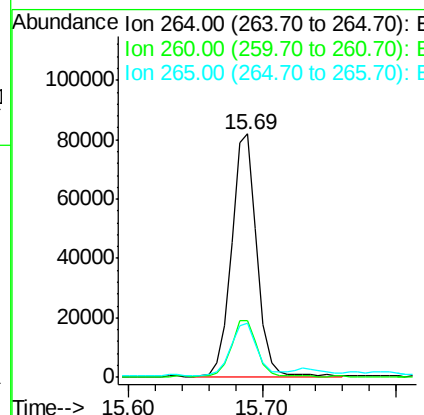
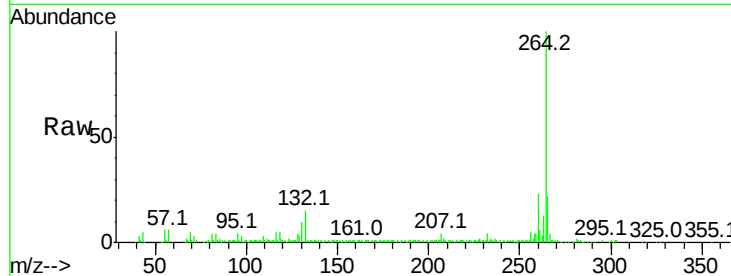
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF106687.D
Acq: 22 Jun 2018 3:08

Instrument :
BNA_F
ClientSampled :
26KV-TP-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.3	17.5	26.3

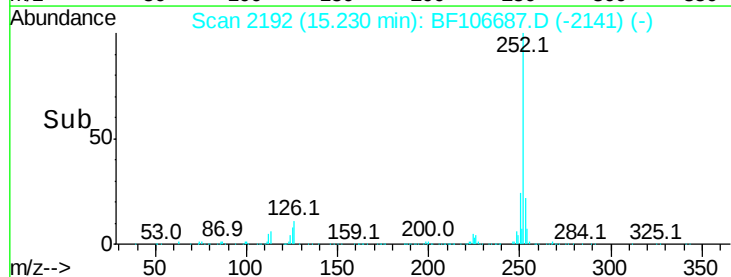
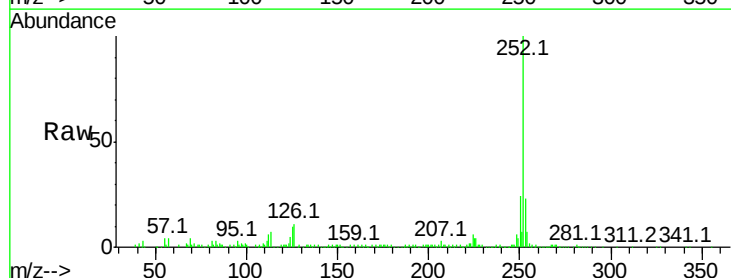
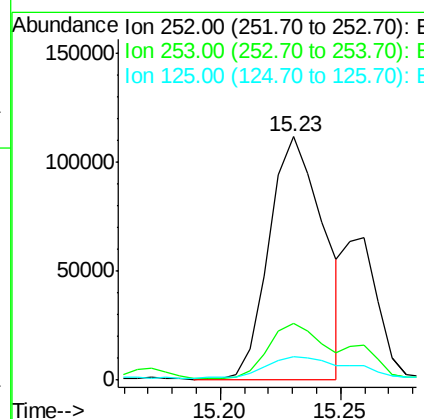
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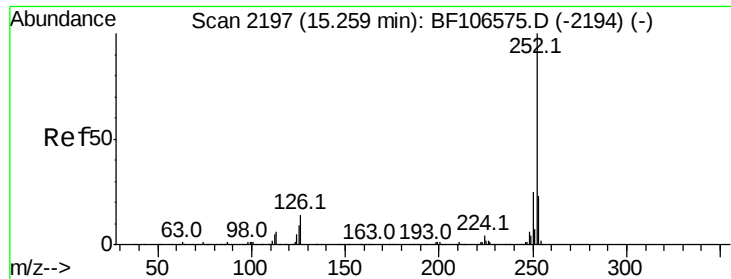
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#87
Benzo(b)fluoranthene
Concen: 25.377 ng m
RT: 15.23 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF106687.D
Acq: 22 Jun 2018 3:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	9.6	9.0	13.6





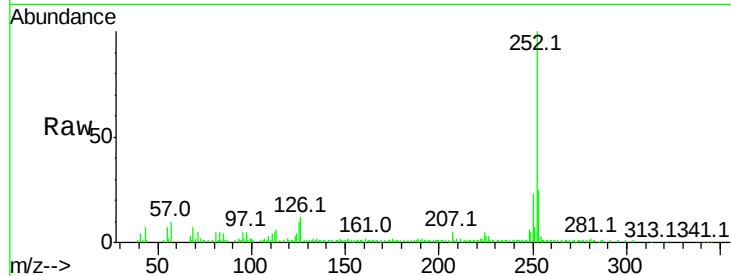
#88
Benzo(k)fluoranthene
Concen: 9.753 ng m
RT: 15.26 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BF106687.D
Acq: 22 Jun 2018 3:08

Instrument :
BNA_F
ClientSampleId :
26KV-TP-3

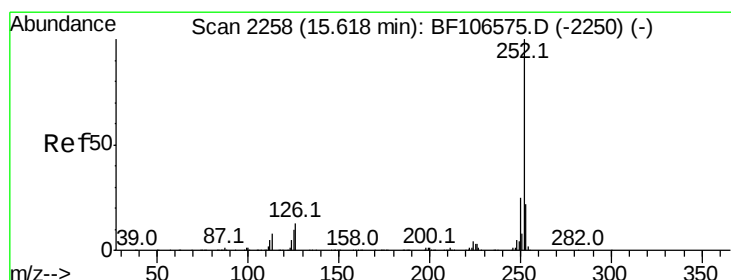
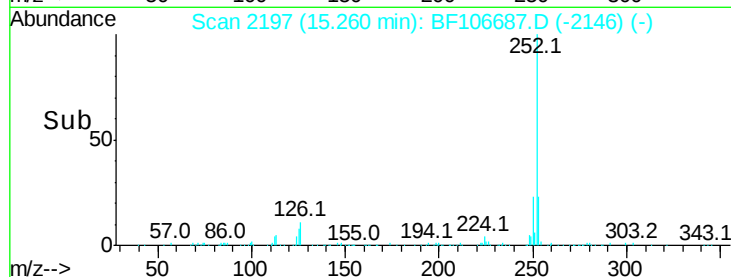
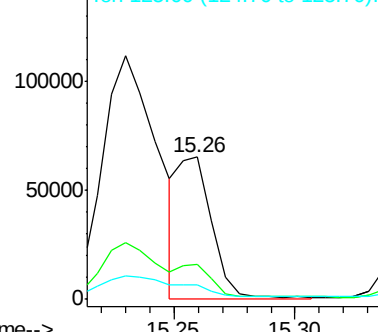
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.9	26.9
125	9.9	10.2	15.2#

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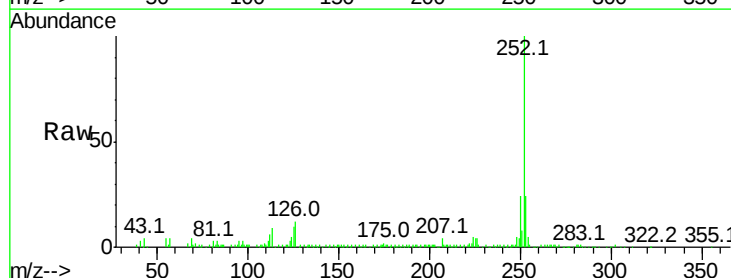


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

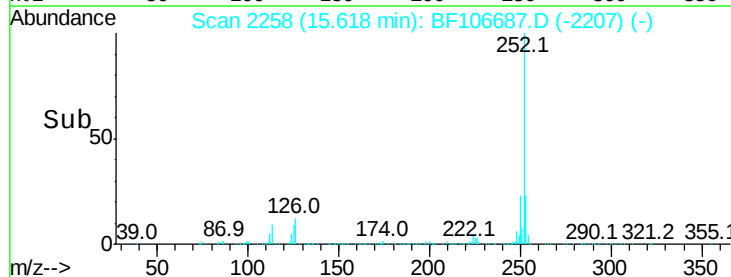
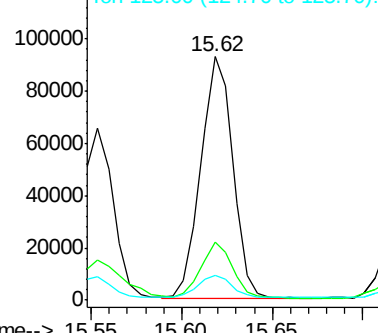


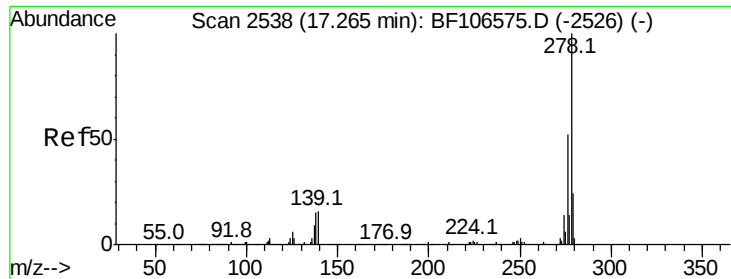
#89
Benzo(a)pyrene
Concen: 18.903 ng
RT: 15.62 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BF106687.D
Acq: 22 Jun 2018 3:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	10.0	9.8	14.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 3.597 ng

RT: 17.26 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BF106687.D

Acq: 22 Jun 2018 3:08

Instrument :

BNA_F

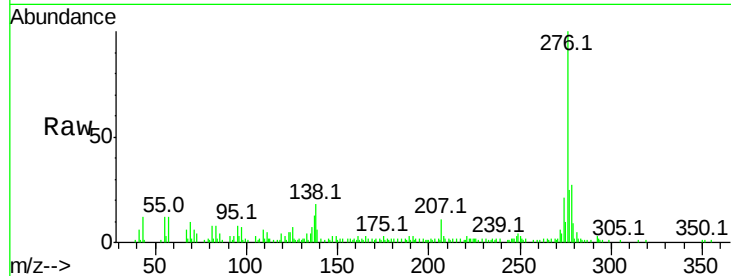
ClientSampled :

26KV-TP-3

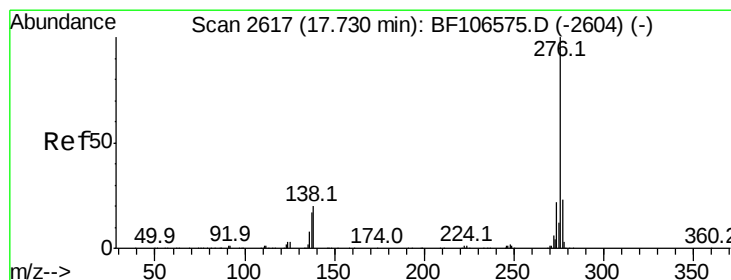
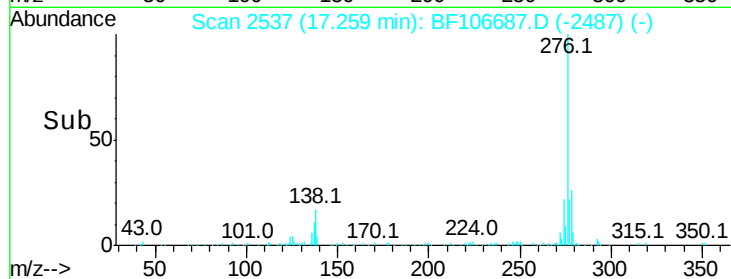
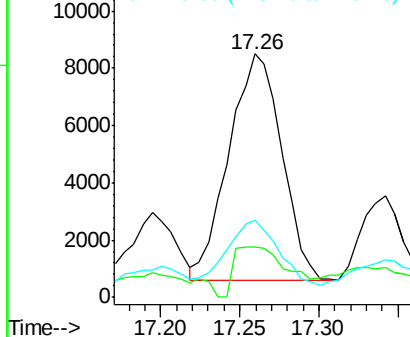
Tot Ion:	278	Resp:	18451
Ion Ratio	Lower	Upper	
278	100		
139	20.5	15.9	23.9
279	31.8	19.0	28.4

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 12.269 ng

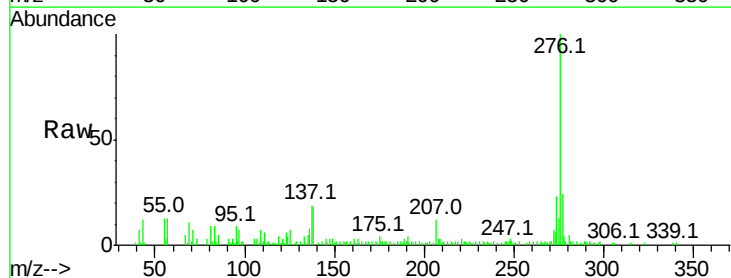
RT: 17.74 min Scan# 2618

Delta R.T. 0.01 min

Lab File: BF106687.D

Acq: 22 Jun 2018 3:08

Tgt Ion:	276	Resp:	61512
Ion Ratio	Lower	Upper	
276	100		
277	24.1	17.9	26.9
138	17.6	21.8	32.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

