

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
 Data File : BF106466.D
 Acq On : 15 Jun 2018 2:25
 Operator : JU/SJ
 Sample : J3481-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-021-B

Manual Integrations
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Sohil
 6/15/2018 11:16:57 AM

Quant Time: Jun 15 08:33:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 14 18:39:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	97834	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	322210	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	131976	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	292663	20.00	ng	0.00
75) Chrysene-d12	14.15	240	304079	20.00	ng	-0.01
86) Perylene-d12	15.68	264	216050	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	725924	125.58	ng	0.00
7) Phenol-d6	6.61	99	843140	115.45	ng	0.00
23) Nitrobenzene-d5	7.53	82	521801	95.27	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	210522	165.79	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	756469	112.24	ng	0.00
78) Terphenyl-d14	13.08	244	1005828	82.16	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	80737	8.563	ng	Qvalue # 99
70) Phenanthrene	11.52	178	78204	5.456	ng	99
74) Fluoranthene	12.71	202	135191	8.845	ng	96
77) Pyrene	12.94	202	135081	7.096	ng	99
80) Benzo(a)anthracene	14.14	228	67247	3.716	ng	96
82) Chrysene	14.17	228	64581	3.909	ng	96
87) Benzo(b)fluoranthene	15.22	252	57487m	4.402	ng	
89) Benzo(a)pyrene	15.61	252	36600	3.116	ng	93
91) Benzo(g,h,i)perylene	17.72	276	21716	2.282	ng	98

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

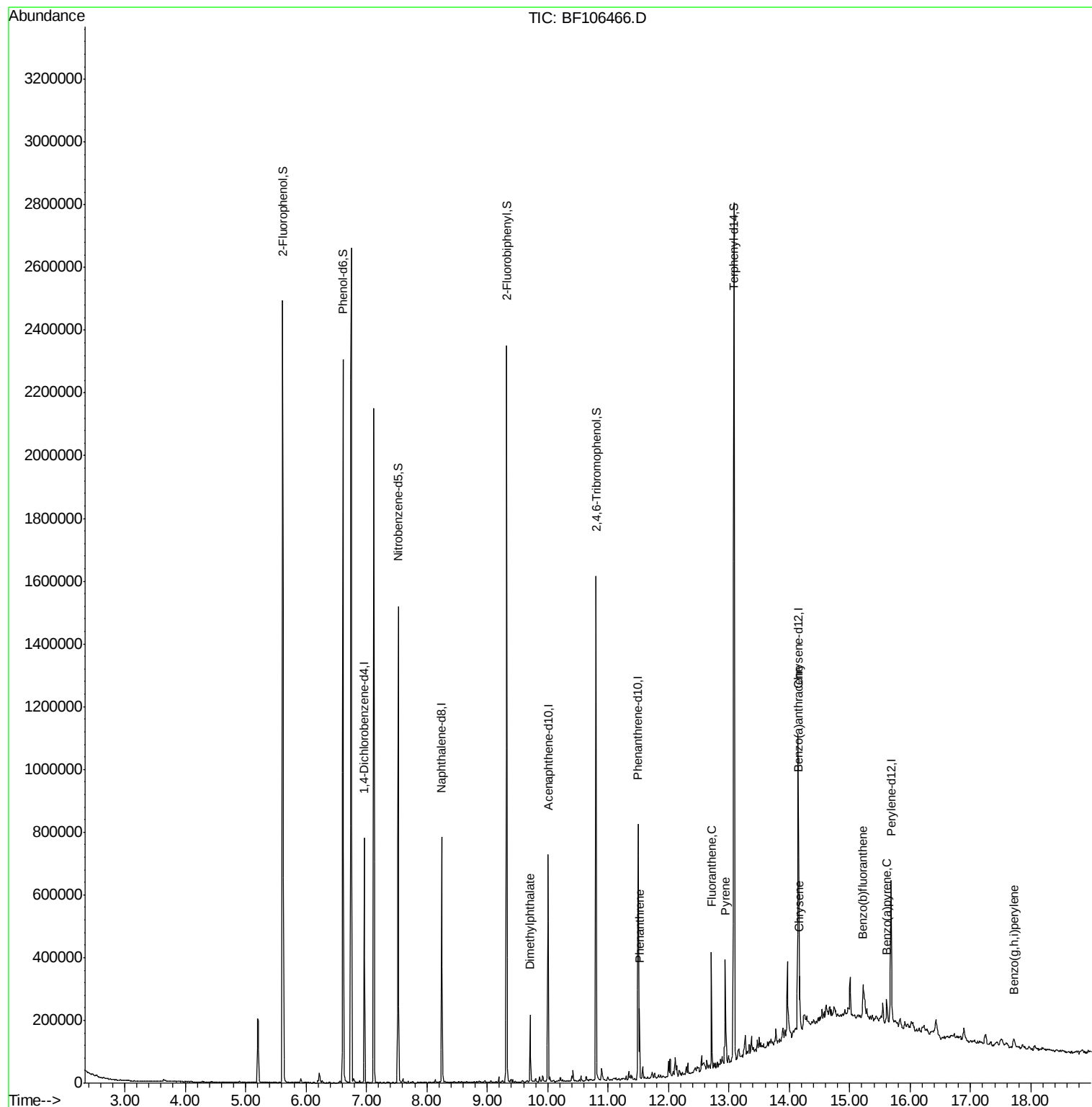
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106466.D
Acq On : 15 Jun 2018 2:25
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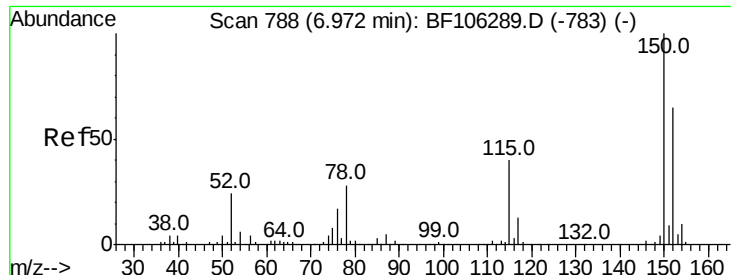
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-021-B

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Quant Time: Jun 15 08:33:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 14 18:39:24 2018
Response via : Initial Calibration





#1

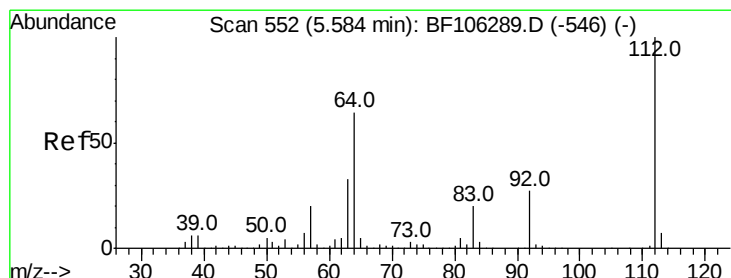
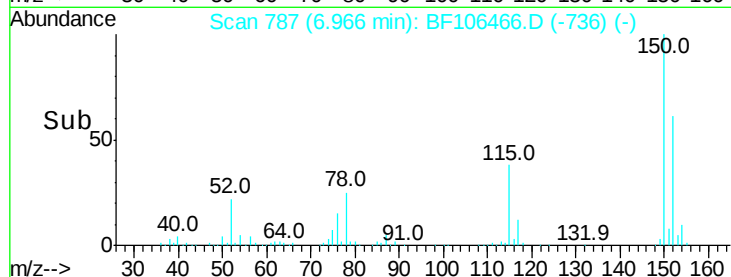
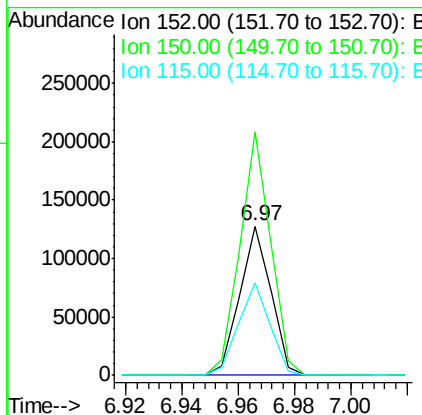
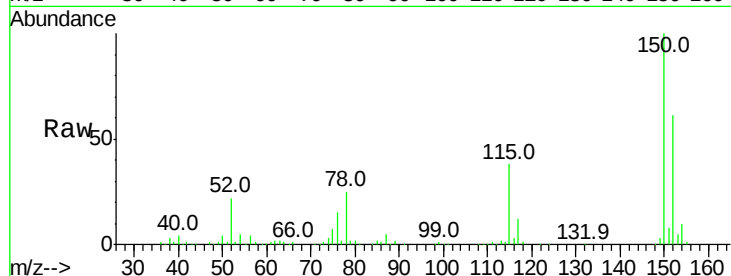
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106466.D
Acq: 15 Jun 2018 2:25

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-021-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.1	124.6	186.8
115	62.1	50.1	75.1

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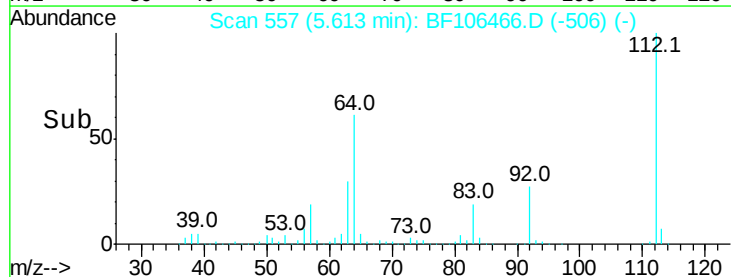
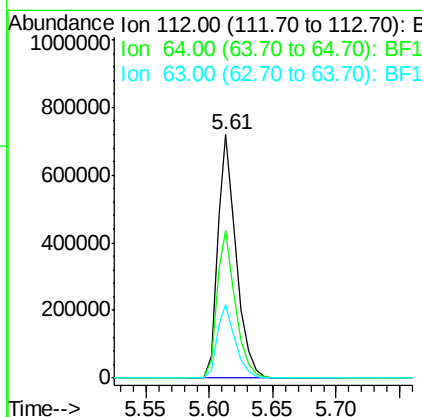
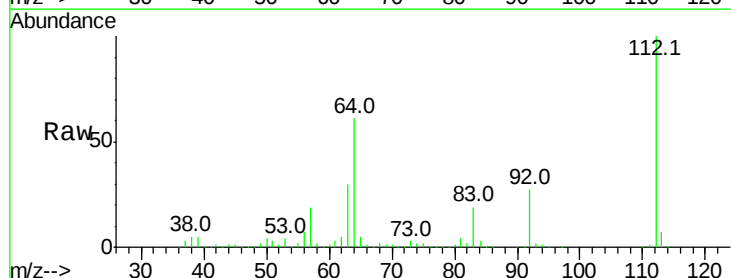
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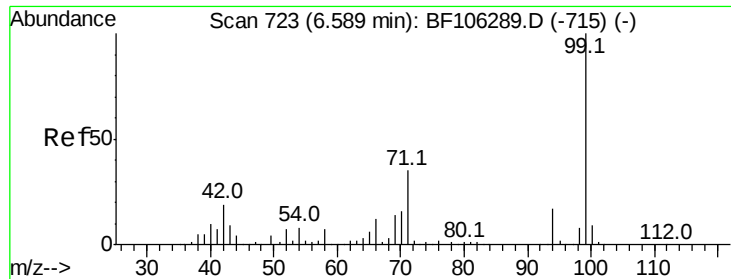


#5

2-Fluorophenol
Concen: 125.583 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF106466.D
Acq: 15 Jun 2018 2:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	47.9	71.9
63	29.9	23.7	35.5





#7

Phenol-d6

Concen: 115.450 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF106466.D

Acq: 15 Jun 2018 2:25

Instrument :

BNA_F

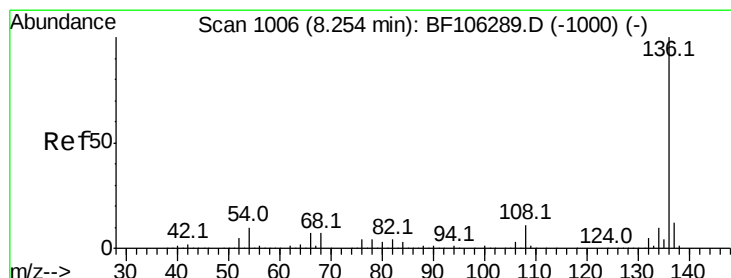
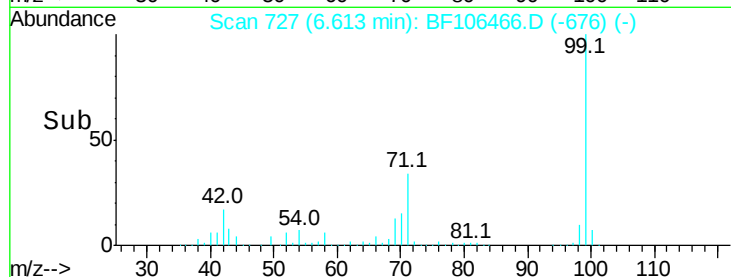
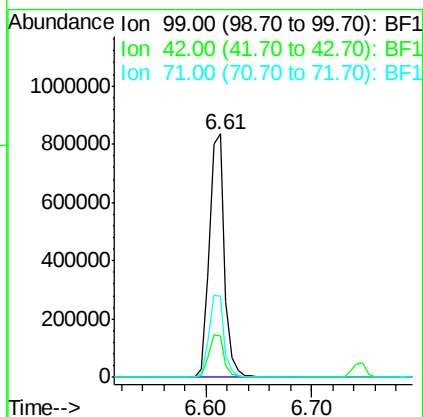
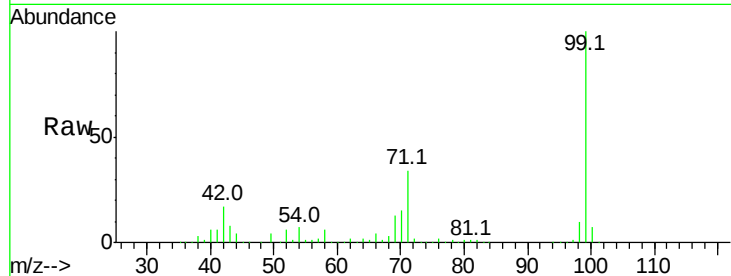
ClientSampleId :

FK-GF-02-021-B

Tot Ion:	99	Resp:	843140
Ion Ratio	Lower	Upper	
99	100		
42	16.9	14.5	21.7
71	33.5	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

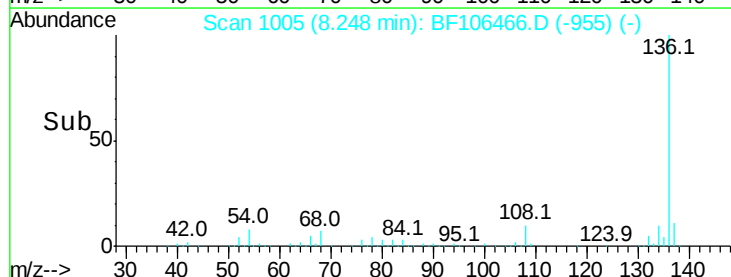
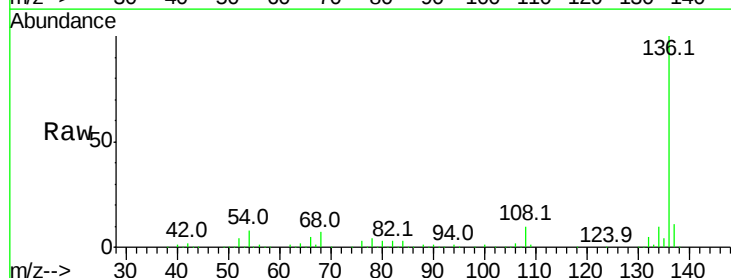
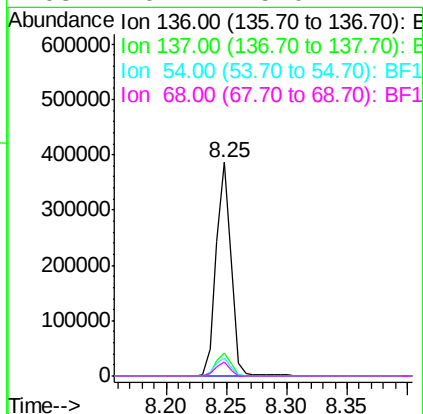
RT: 8.25 min Scan# 1005

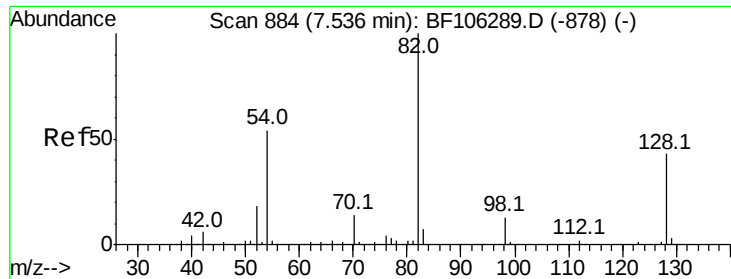
Delta R.T. -0.01 min

Lab File: BF106466.D

Acq: 15 Jun 2018 2:25

Tgt Ion:	136	Resp:	322210
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	8.4	6.6	9.8
68	6.7	5.0	7.4





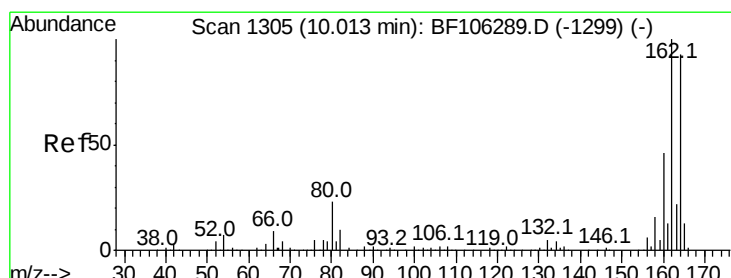
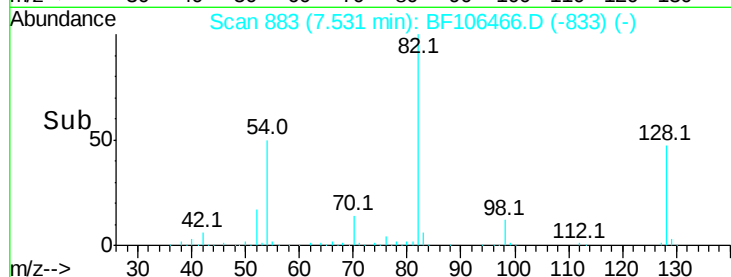
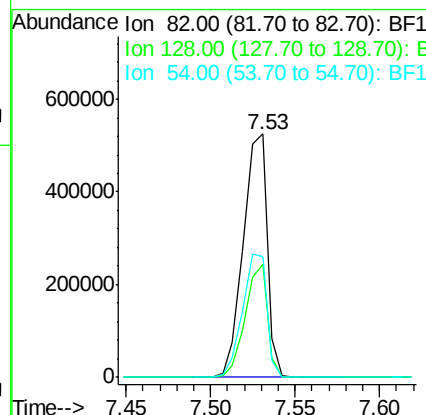
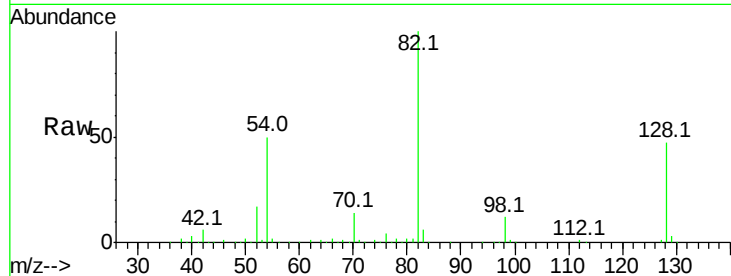
#23
Nitrobenzene-d5
Concen: 95.269 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106466.D
Acq: 15 Jun 2018 2:25

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-021-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	49.5	41.4	62.2

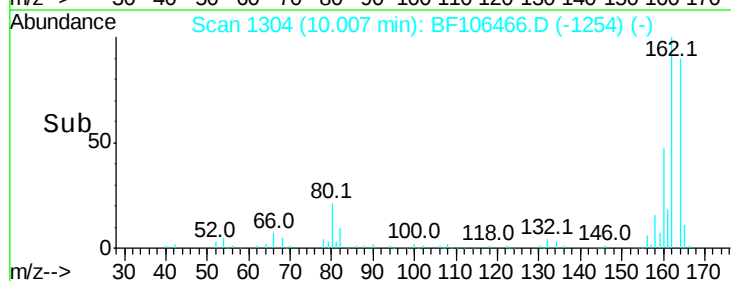
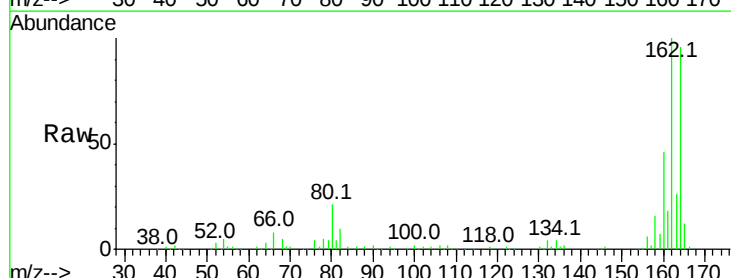
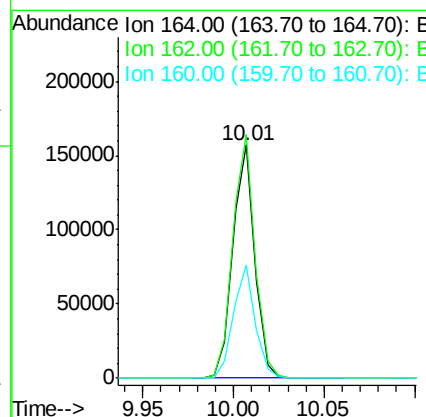
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106466.D
Acq: 15 Jun 2018 2:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	48.4	38.3	57.5





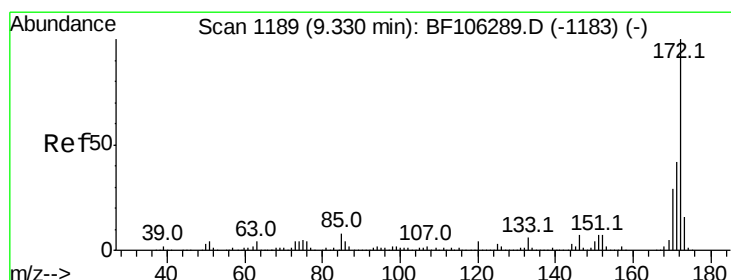
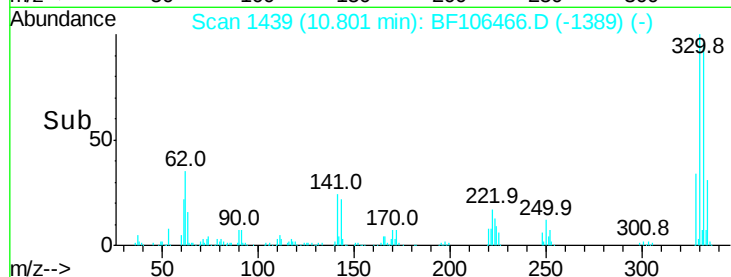
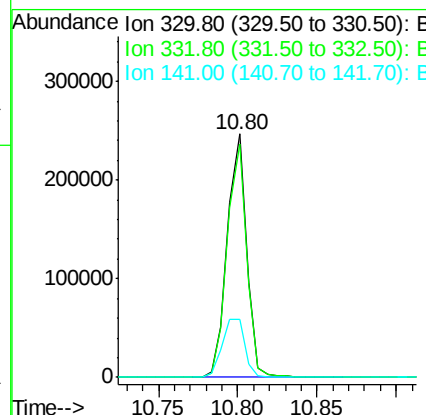
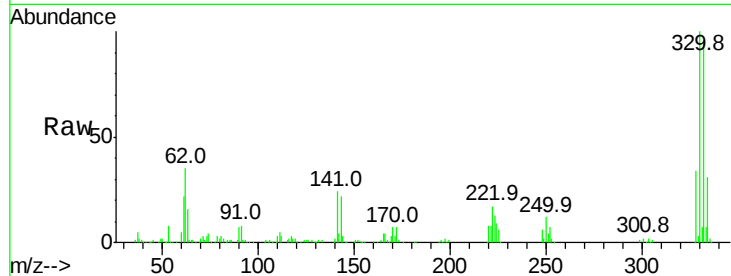
#41
 2,4,6-Tribromophenol
 Concen: 165.787 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106466.D
 Acq: 15 Jun 2018 2:25

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-021-B

Tot Ion	Ratio	Resp	Lower	Upper
330	100	210522		
332	96.6	77.0	115.6	
141	28.2	29.9	44.9#	

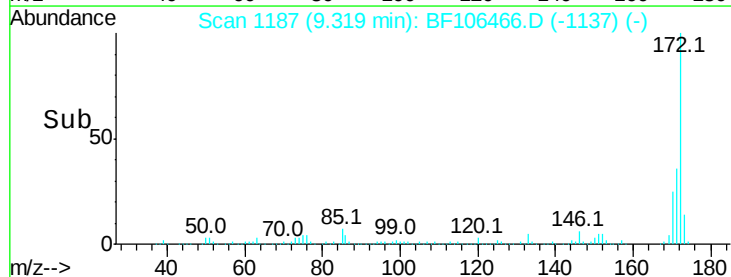
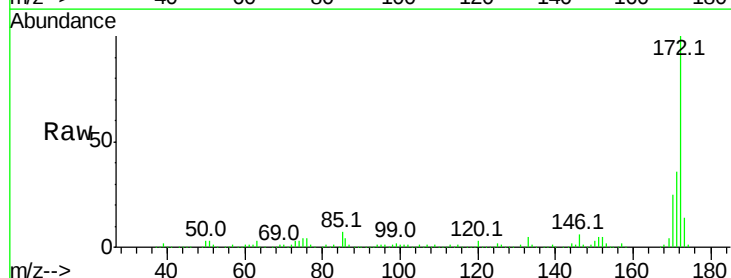
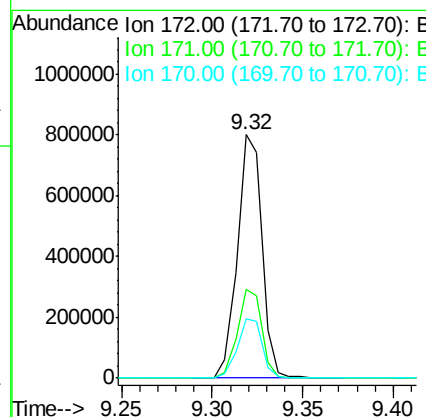
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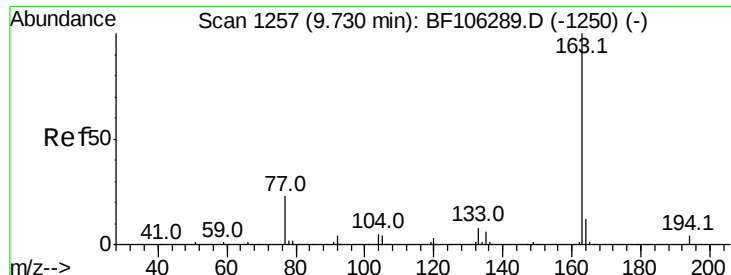
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#44
 2-Fluorobiphenyl
 Concen: 112.245 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106466.D
 Acq: 15 Jun 2018 2:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	756469		
171	36.4	29.7	44.5	
170	24.5	19.6	29.4	





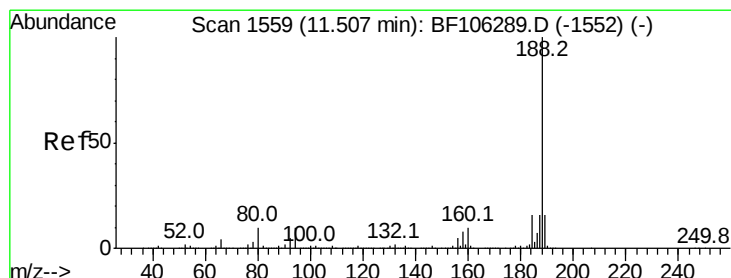
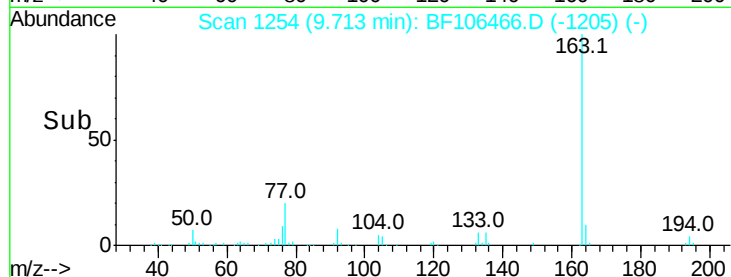
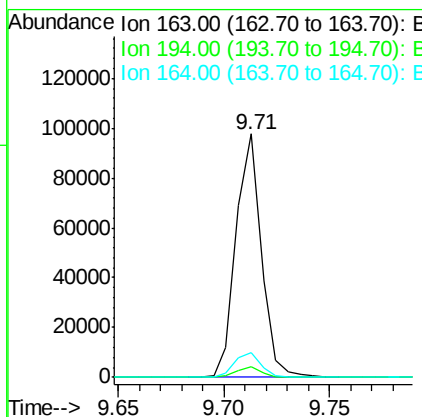
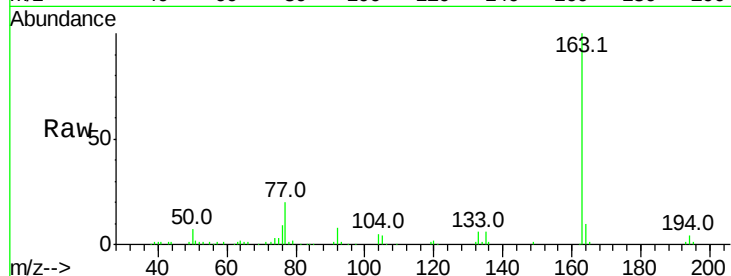
#49
Dimethylphthalate
Concen: 8.563 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106466.D
Acq: 15 Jun 2018 2:25

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-021-B

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.3	2.7	4.1#	
164	10.3	8.2	12.2	

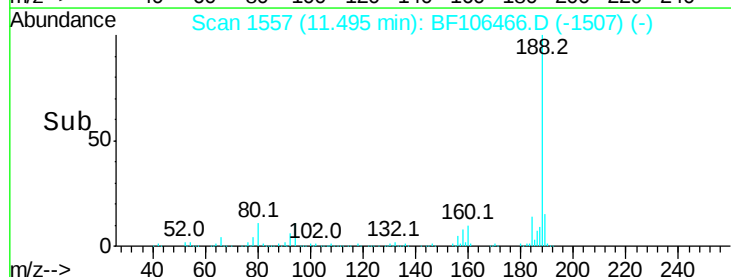
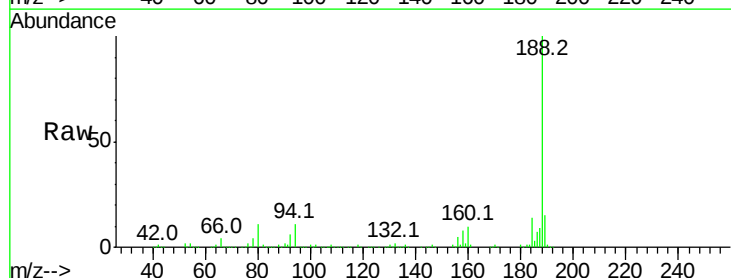
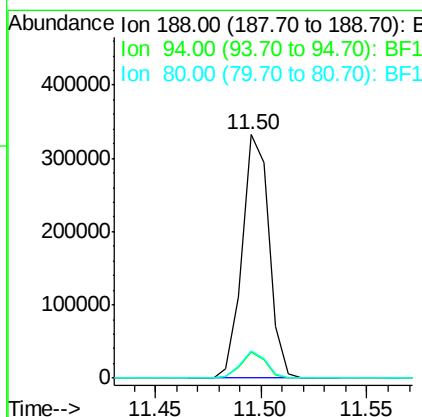
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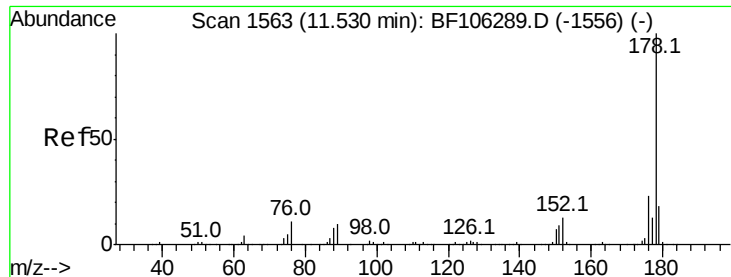
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106466.D
Acq: 15 Jun 2018 2:25

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.8	8.5	12.7	
80	11.4	9.2	13.8	





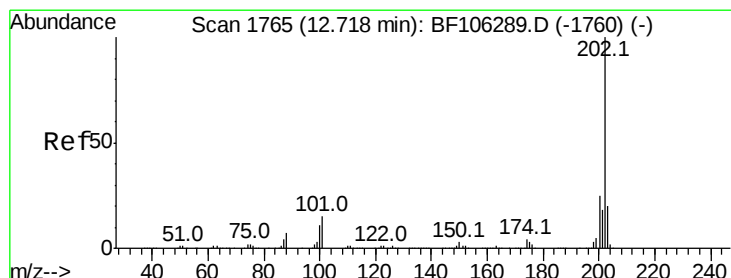
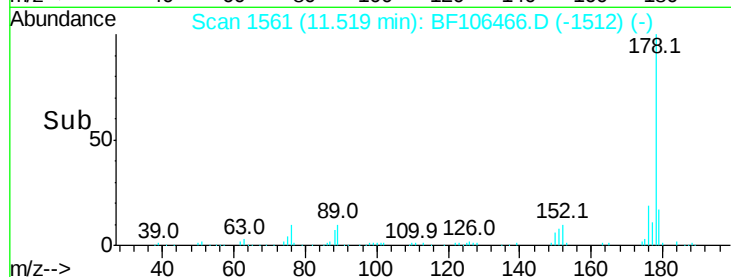
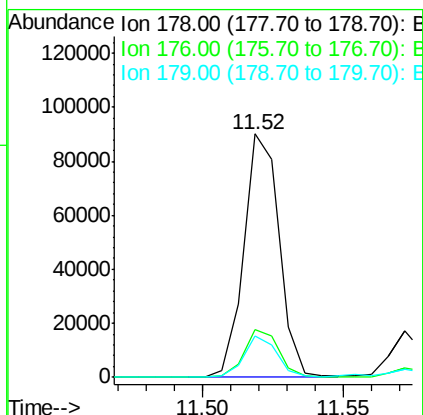
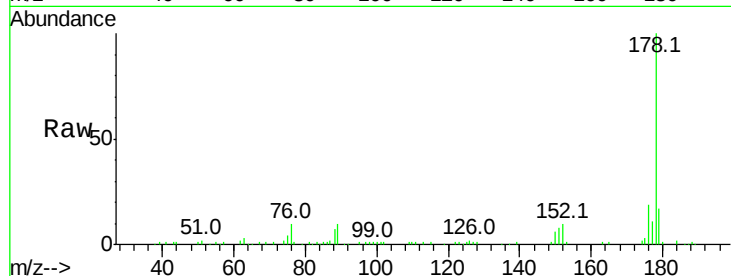
#70
Phenanthrene
Concen: 5.456 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106466.D
Acq: 15 Jun 2018 2:25

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-021-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	17.1	13.0	19.6

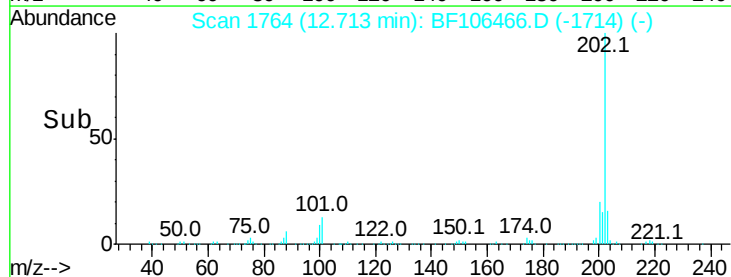
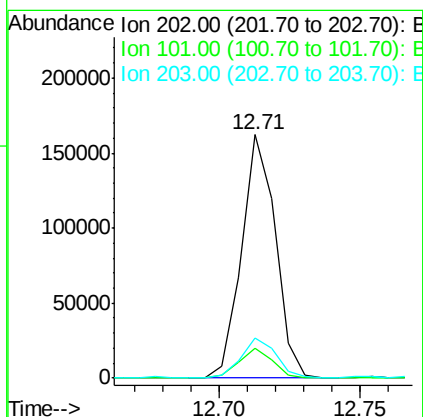
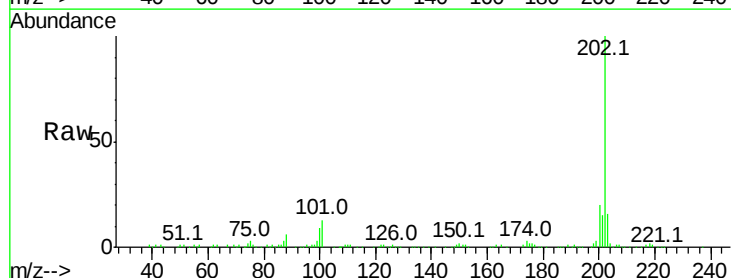
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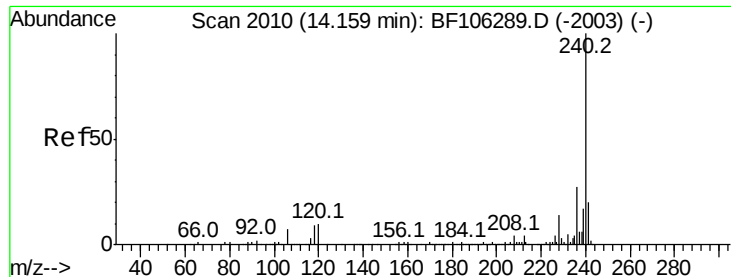
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#74
Fluoranthene
Concen: 8.845 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF106466.D
Acq: 15 Jun 2018 2:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.1
203	16.4	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: BF106466.D

Acq: 15 Jun 2018 2:25

Instrument :

BNA_F

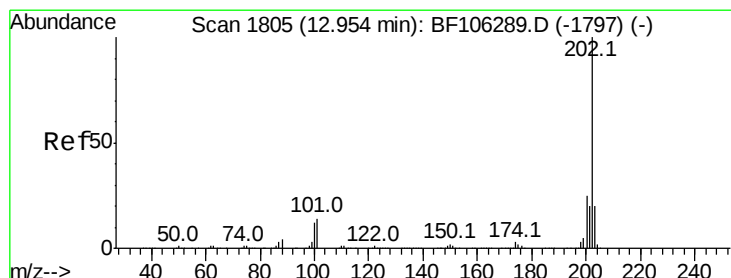
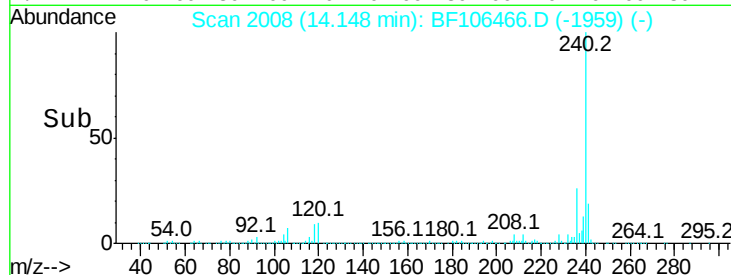
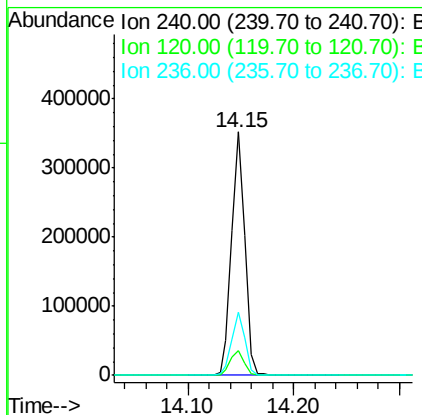
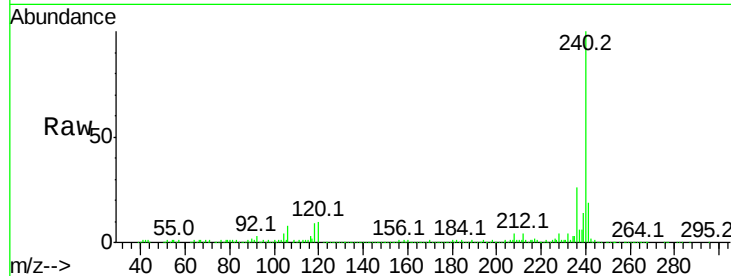
ClientSampleId :

FK-GF-02-021-B

Tot Ion:	240	Resp:	304079
Ion Ratio	Lower	Upper	
240	100		
120	10.4	9.5	14.3
236	26.0	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 7.096 ng

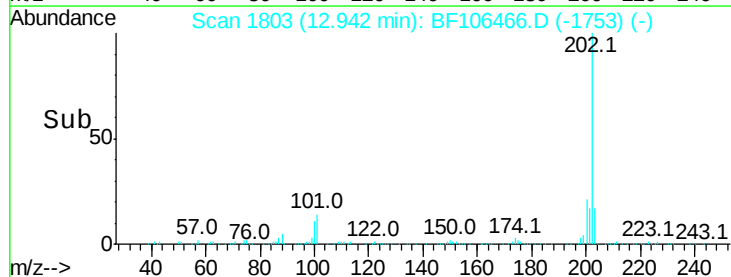
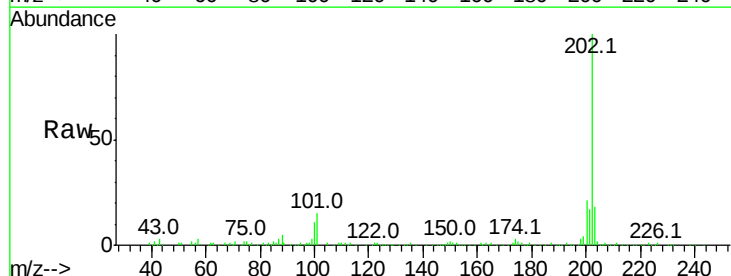
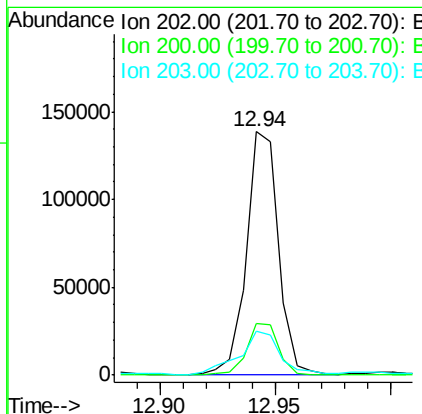
RT: 12.94 min Scan# 1803

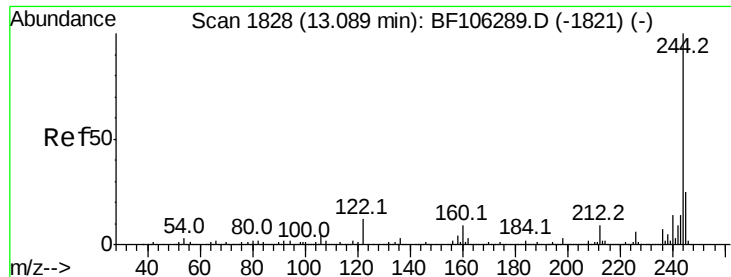
Delta R.T. -0.01 min

Lab File: BF106466.D

Acq: 15 Jun 2018 2:25

Tgt Ion:	202	Resp:	135081
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.4	26.2
203	17.8	14.3	21.5





#78
 Terphenyl-d14
 Concen: 82.158 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BF106466.D
 Acq: 15 Jun 2018 2:25

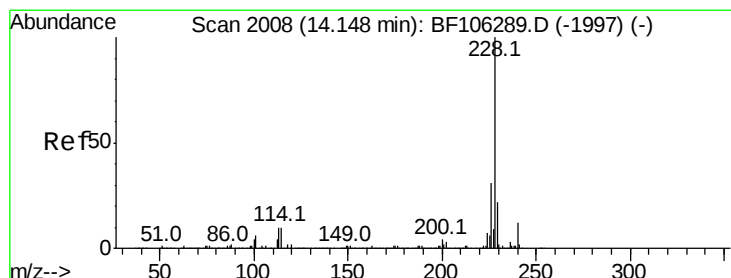
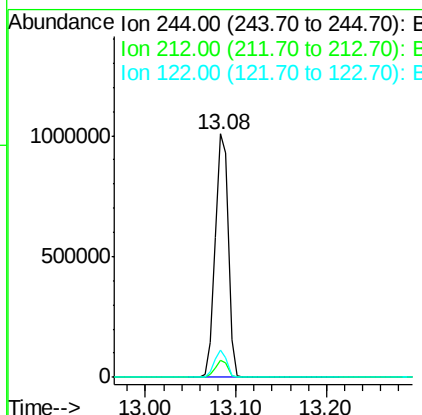
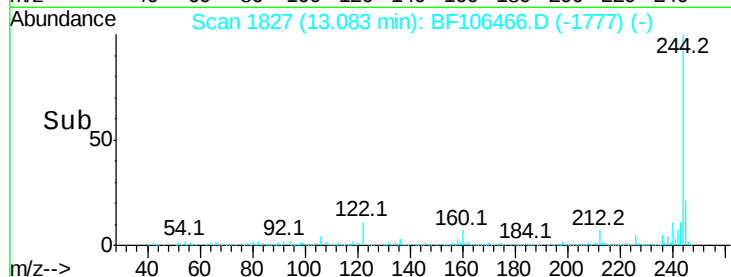
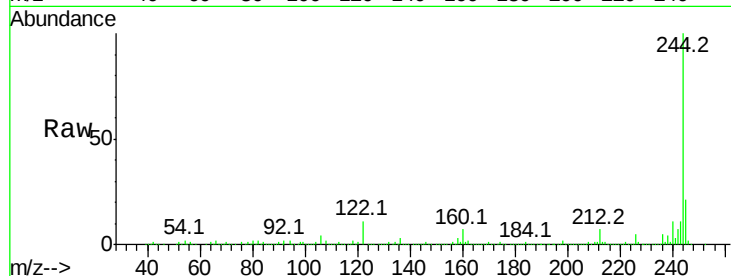
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-021-B

Tot Ion:244 Resp: 1005828

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	11.1	11.0	16.4

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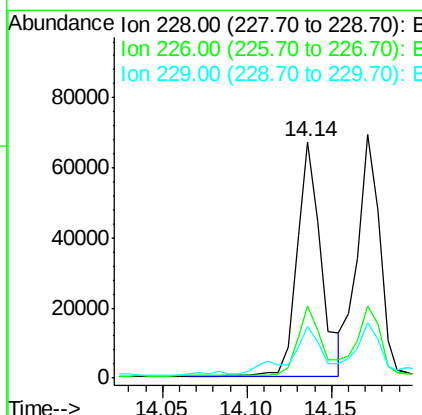
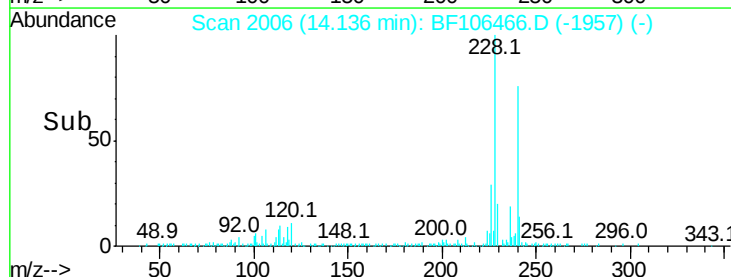
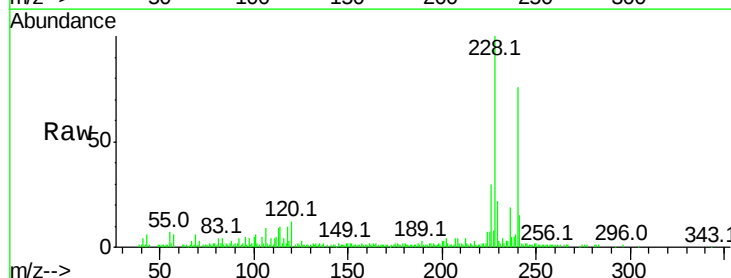
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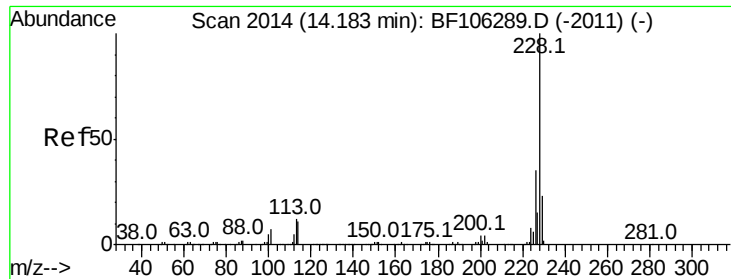


#80
 Benzo(a)anthracene
 Concen: 3.716 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF106466.D
 Acq: 15 Jun 2018 2:25

Tgt Ion:228 Resp: 67247

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.6	33.8
229	21.6	15.8	23.6





#82

Chrysene

Concen: 3.909 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF106466.D

Acq: 15 Jun 2018 2:25

Instrument :

BNA_F

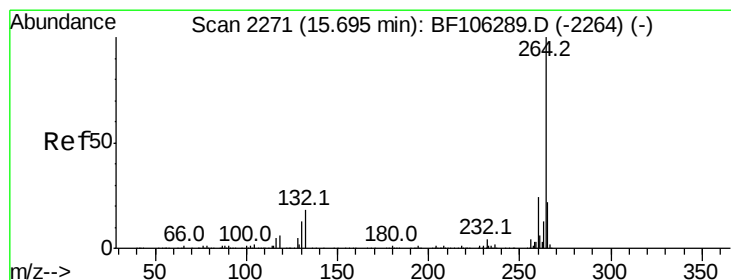
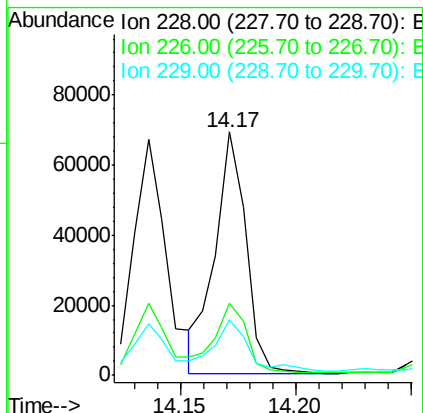
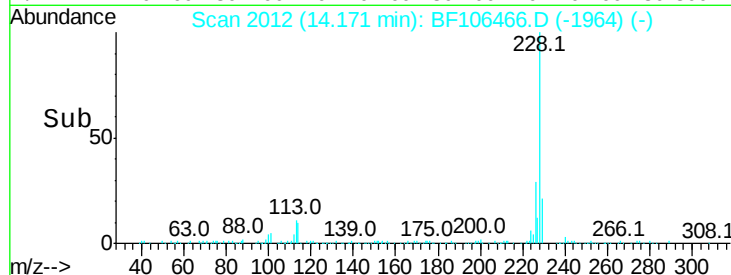
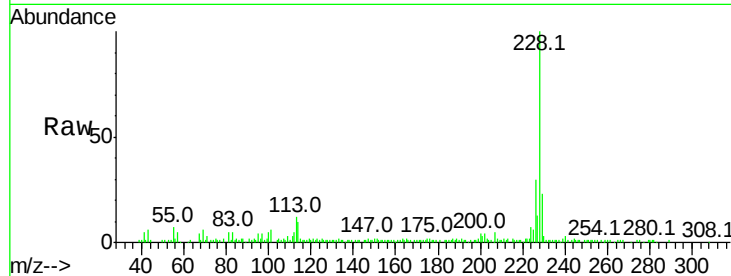
ClientSampleId :

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Tot Ion:	228	Resp:	64581
Ion Ratio	Lower	Upper	
228	100		
226	29.6	25.0	37.6
229	22.7	16.2	24.4

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#86

Perylene-d12

Concen: 20.000 ng

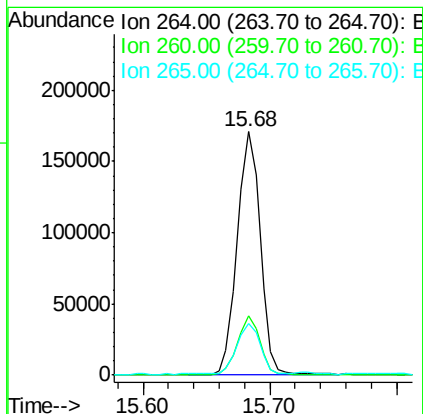
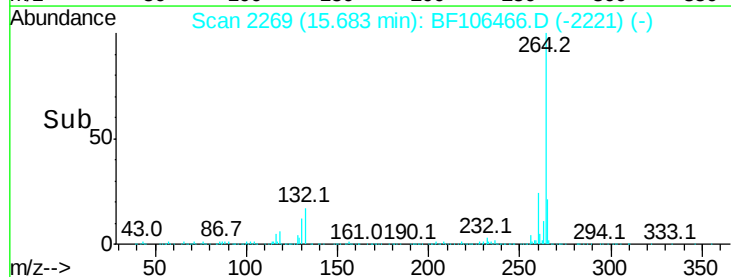
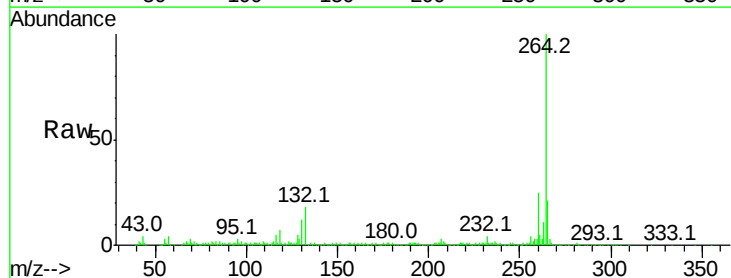
RT: 15.68 min Scan# 2269

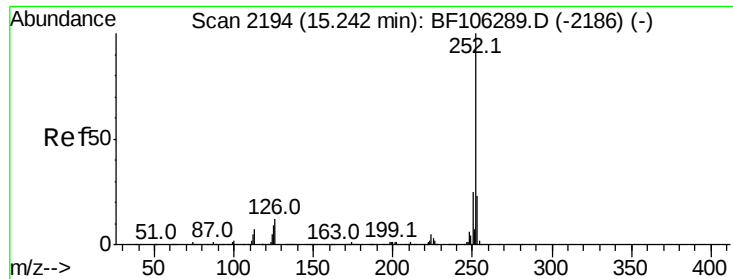
Delta R.T. -0.02 min

Lab File: BF106466.D

Acq: 15 Jun 2018 2:25

Tgt Ion:	264	Resp:	216050
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.2	28.8
265	21.2	17.5	26.3





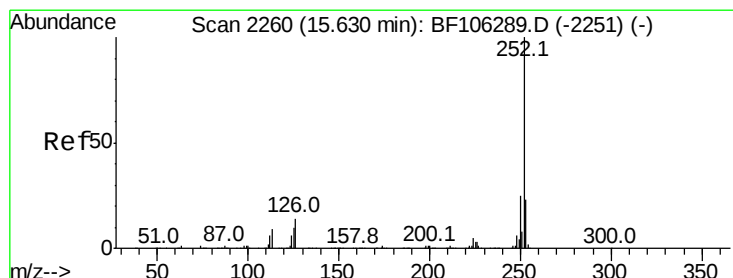
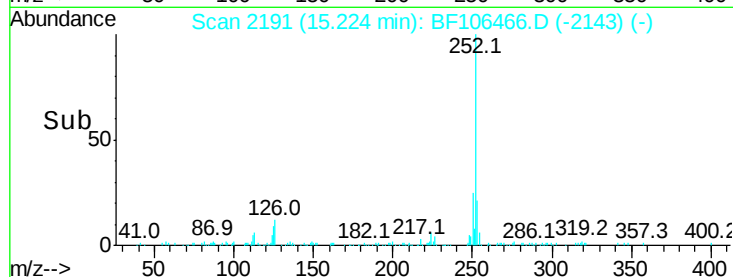
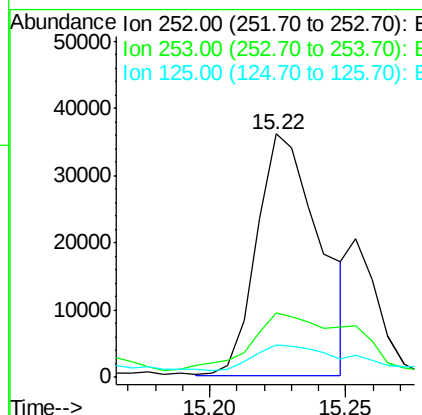
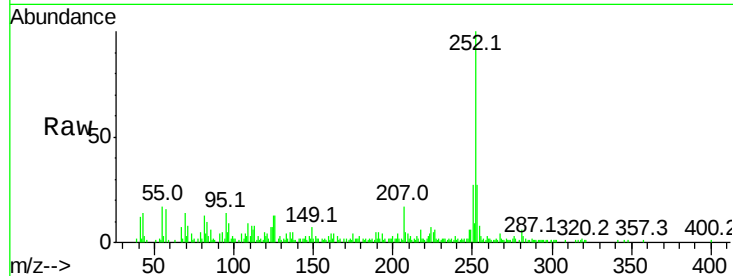
#87
Benzo(b)fluoranthene
Concen: 4.402 ng m
RT: 15.22 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BF106466.D
Acq: 15 Jun 2018 2:25

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-021-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.0	25.6#
125	13.3	9.0	13.6

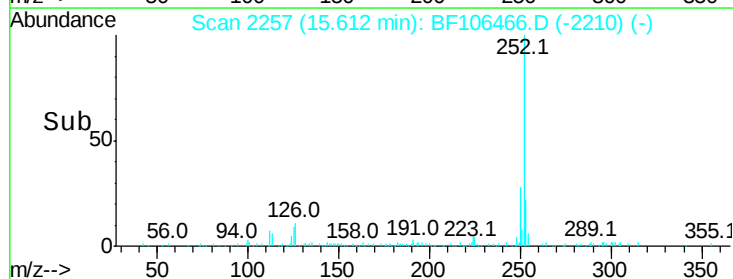
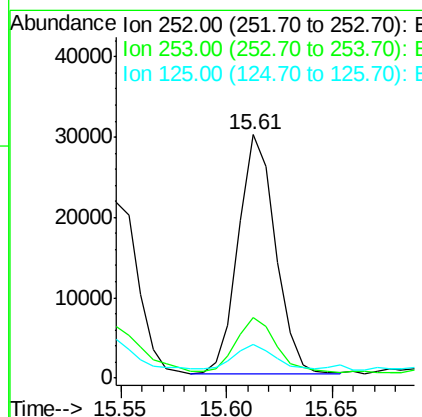
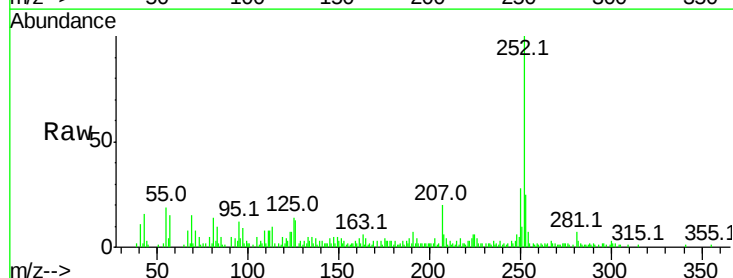
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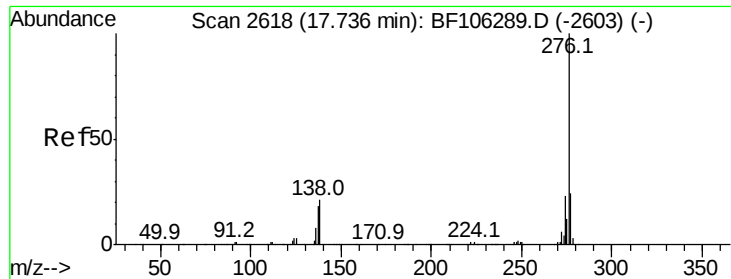
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#89
Benzo(a)pyrene
Concen: 3.116 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF106466.D
Acq: 15 Jun 2018 2:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.1	25.7
125	14.0	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.282 ng
 RT: 17.72 min Scan# 2615
 Delta R.T. -0.03 min
 Lab File: BF106466.D
 Acq: 15 Jun 2018 2:25

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-021-B

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	27.1	21.8	32.8

Manual Integrations
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