

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012418\
 Data File : BF102406.D
 Acq On : 24 Jan 2018 22:47
 Operator : SJ/JU
 Sample : J1236-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 33E-6

Manual Integrations
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Sohil
 1/25/2018 5:30:35 PM

Quant Time: Jan 25 02:20:52 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	132889	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	541103	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	232262	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	361693	20.00	ng	0.00
75) Chrysene-d12	13.87	240	250835	20.00	ng	0.00
86) Perylene-d12	15.30	264	255191	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	196563	22.43	ng	0.00
7) Phenol-d6	6.36	99	876307	82.94	ng	0.00
23) Nitrobenzene-d5	7.28	82	674054	71.59	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	20668	8.98	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	983525	62.26	ng	0.00
78) Terphenyl-d14	12.82	244	742695	66.75	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.37	94	78437	6.800	ng	99
20) 3+4-Methylphenols	7.13	107	30263	3.225	ng	89
49) Dimethylphthalate	9.47	163	174015	9.064	ng	98
70) Phenanthrene	11.26	178	51587	2.448	ng	98
73) Di-n-butylphthalate	11.80	149	80352	3.063	ng	98
74) Fluoranthene	12.44	202	78646	3.659	ng	97
77) Pyrene	12.67	202	148390	7.651	ng	100
80) Benzo(a)anthracene	13.86	228	41602m	2.694	ng	
82) Chrysene	13.90	228	48357	3.084	ng	98
85) Indeno(1,2,3-cd)pyrene	16.67	276	34687	2.678	ng	96
87) Benzo(b)fluoranthene	14.89	252	60290m	3.645	ng	
89) Benzo(a)pyrene	15.23	252	60807	4.076	ng	# 94
91) Benzo(g,h,i)perylene	17.10	276	47500	3.981	ng	96

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

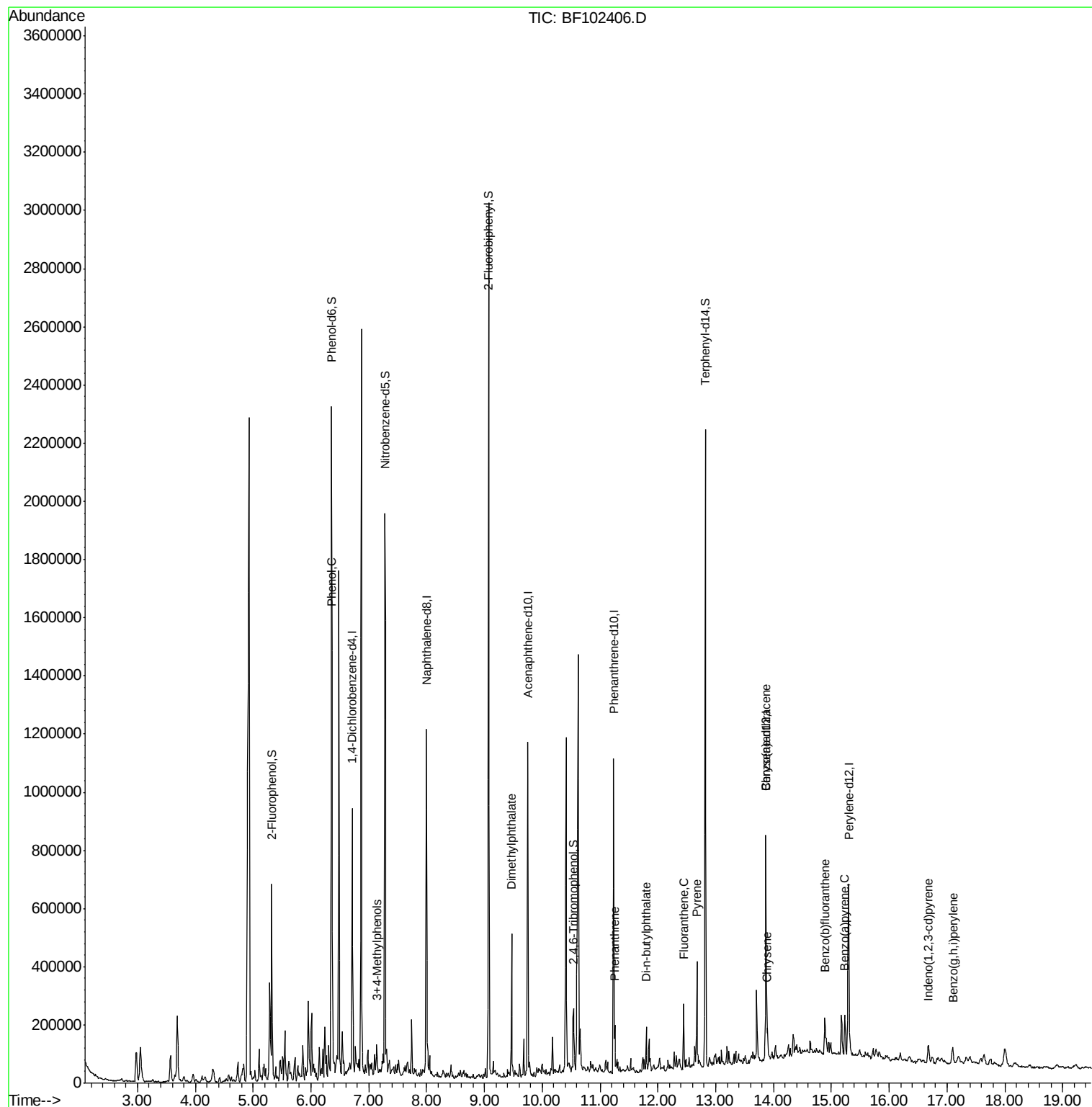
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012418\
Data File : BF102406.D
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Sample : J1236-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

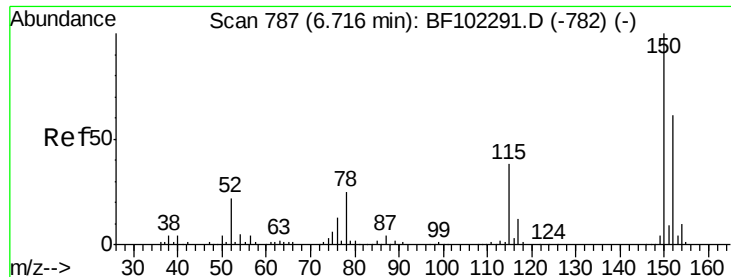
Instrument :
BNA_F
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33E-6

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#1

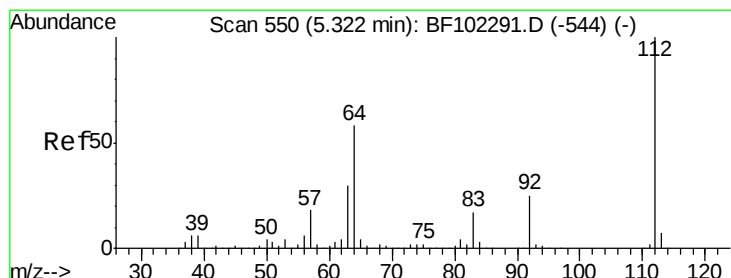
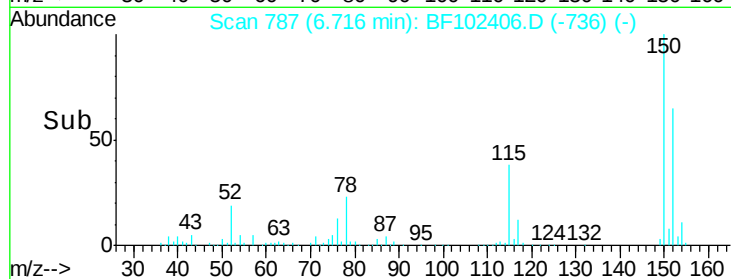
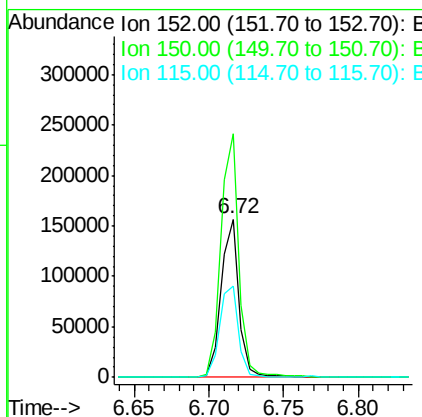
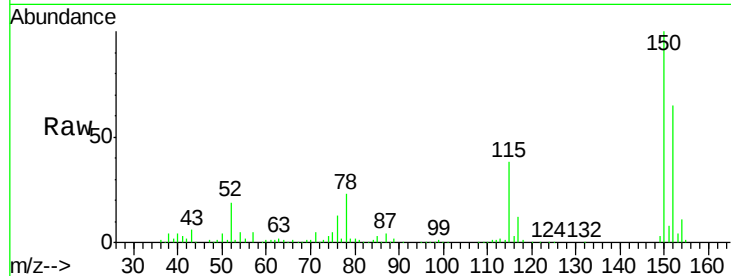
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102406.D
Acq: 24 Jan 2018 22:47

Instrument :
BNA_F
ClientSampleId :
33E-6

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.6	186.8
115	57.7	50.1	75.1

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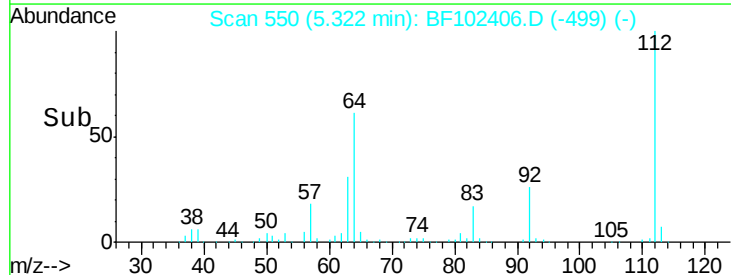
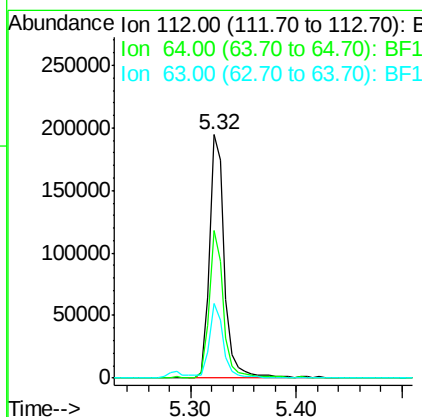
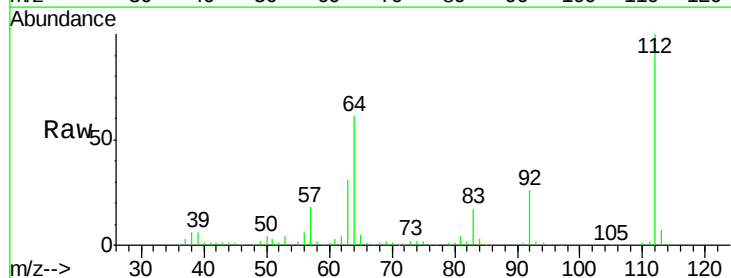
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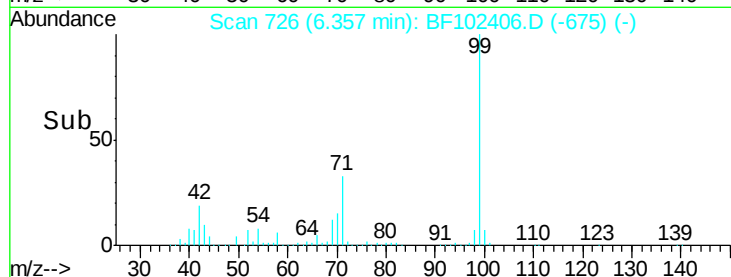
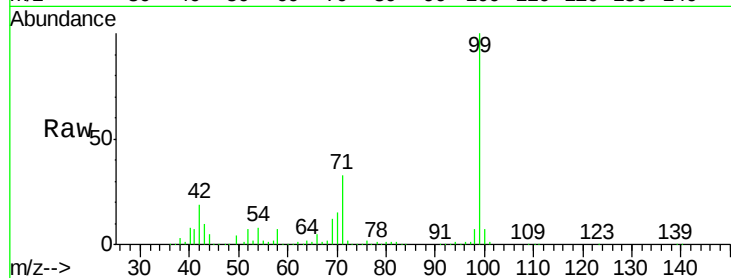
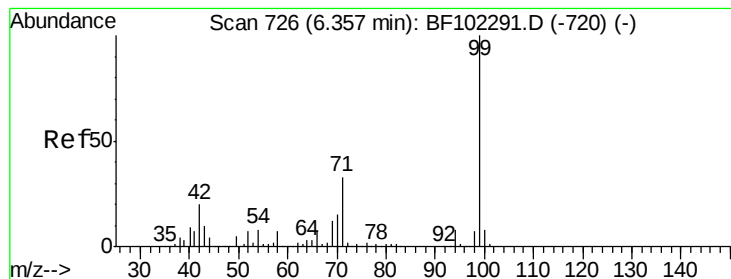


#5

2-Fluorophenol
Concen: 22.428 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF102406.D
Acq: 24 Jan 2018 22:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.9	71.9
63	30.8	23.7	35.5





#7

Phenol-d6

Concen: 82.936 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102406.D

Acq: 24 Jan 2018 22:47

Tgt Ion:	99	Resp:	876307
Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.5	21.7
71	32.9	25.4	38.0

Instrument :

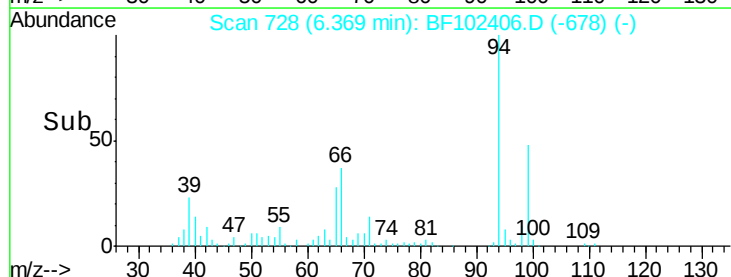
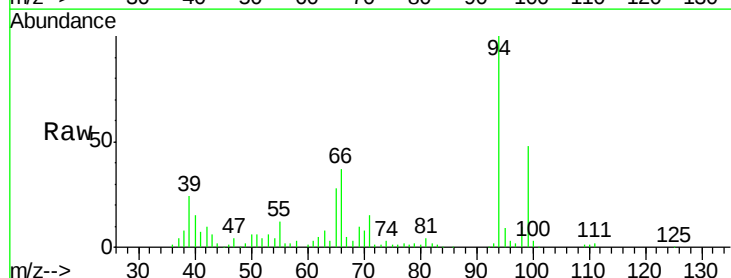
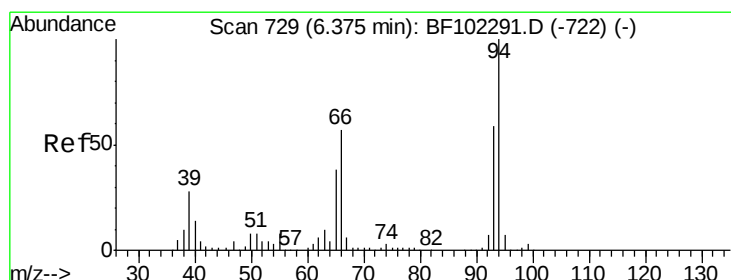
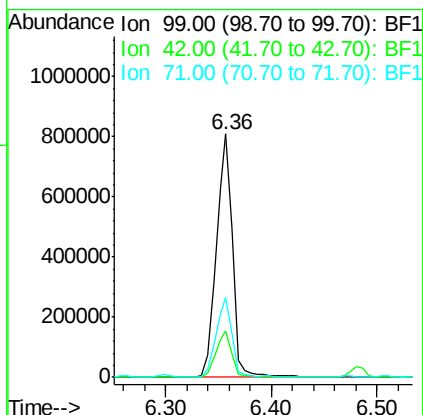
BNA_F

ClientSampled :

33E-6

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#10

Phenol

Concen: 6.800 ng

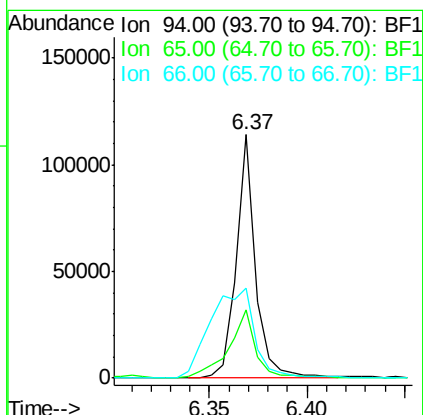
RT: 6.37 min Scan# 728

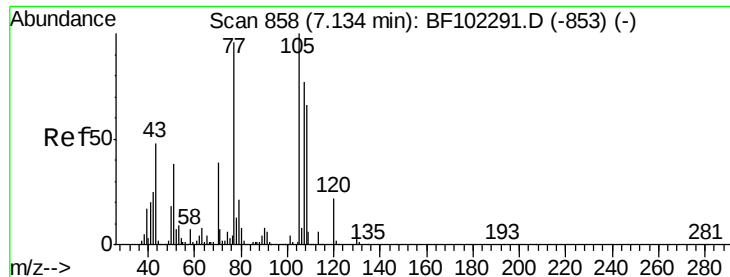
Delta R.T. -0.01 min

Lab File: BF102406.D

Acq: 24 Jan 2018 22:47

Tgt Ion:	94	Resp:	78437
Ion	Ratio	Lower	Upper
94	100		
65	28.2	7.9	47.9
66	37.0	16.2	56.2





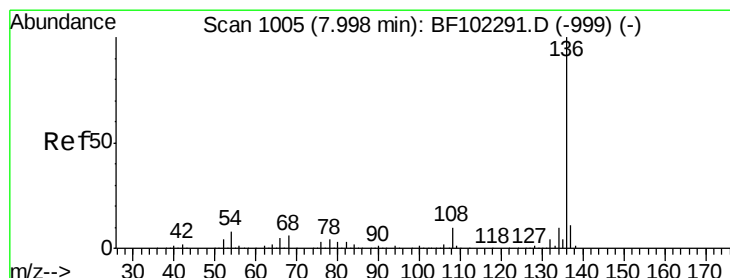
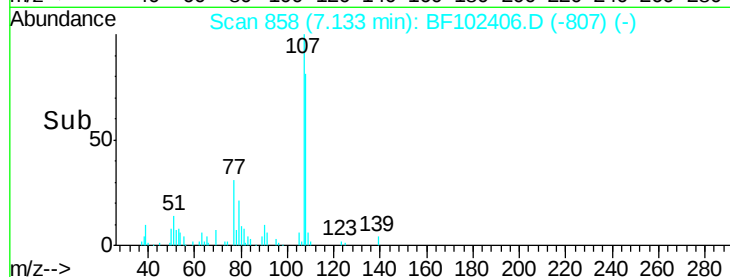
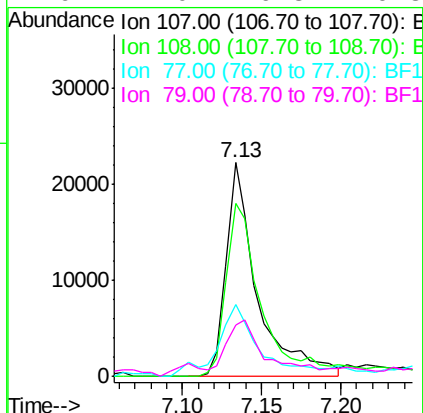
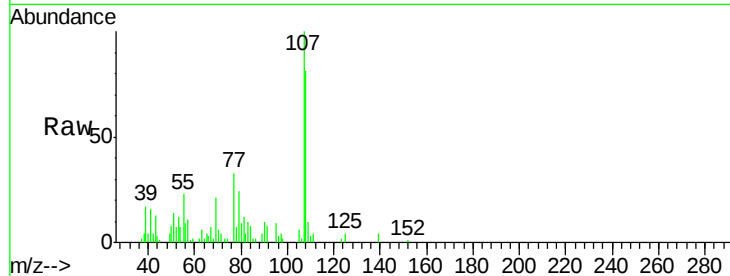
#20
3+4-Methylphenols
Concen: 3.225 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF102406.D
Acq: 24 Jan 2018 22:47

Instrument :
BNA_F
ClientSampleId :
33E-6

Tgt Ion:	107	Resp:	30263
Ion	Ratio	Lower	Upper
107	100		
108	80.8	68.2	108.2
77	33.3	26.7	66.7
79	24.0	6.3	46.3

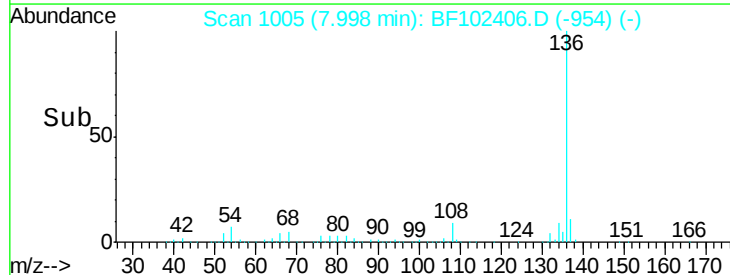
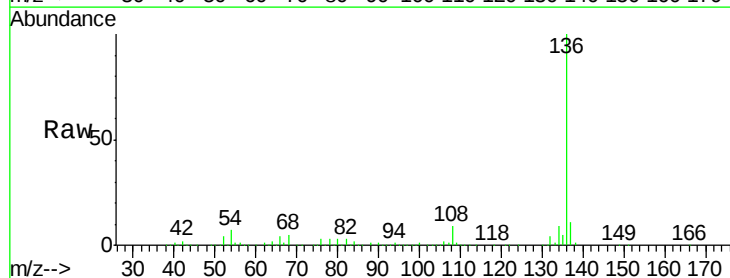
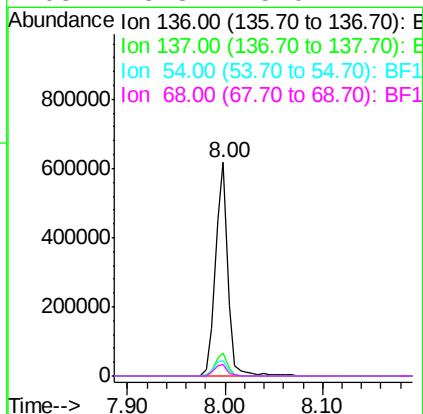
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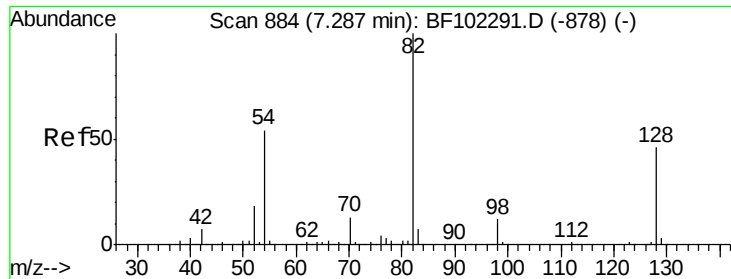
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102406.D
Acq: 24 Jan 2018 22:47

Tgt Ion:	136	Resp:	541103
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.2	6.6	9.8
68	5.3	5.0	7.4





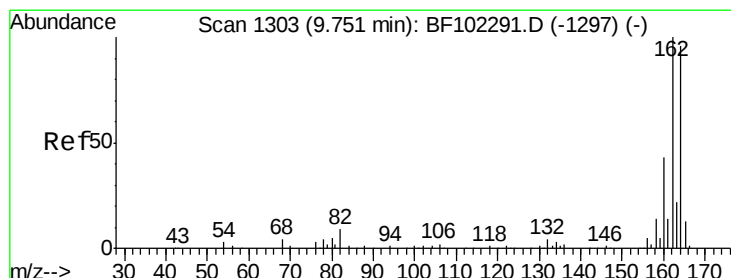
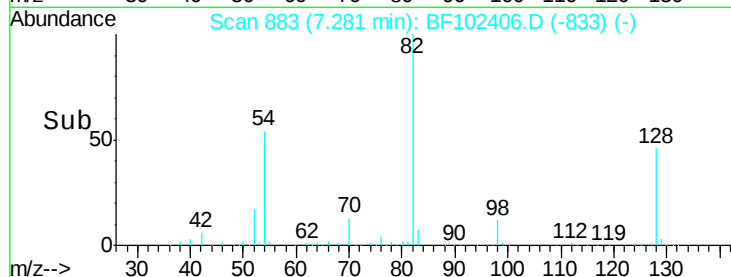
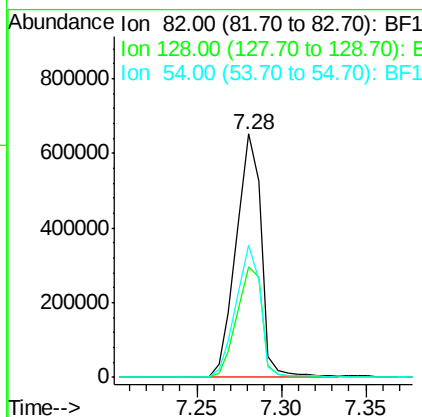
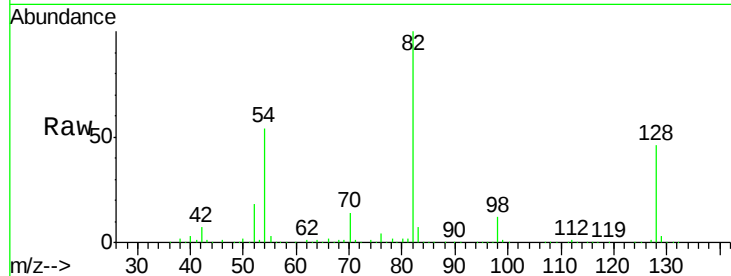
#23
 Nitrobenzene-d5
 Concen: 71.587 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102406.D
 Acq: 24 Jan 2018 22:47

Instrument :
 BNA_F
 ClientSampled :
 33E-6

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	54.3	41.4	62.2

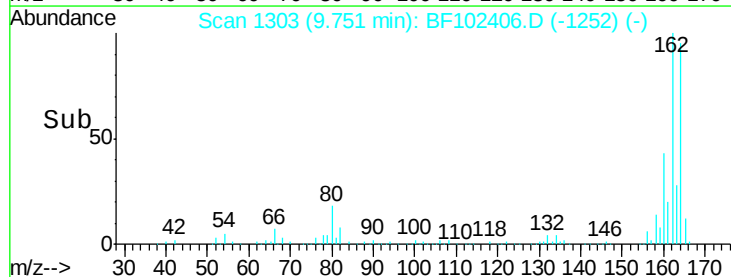
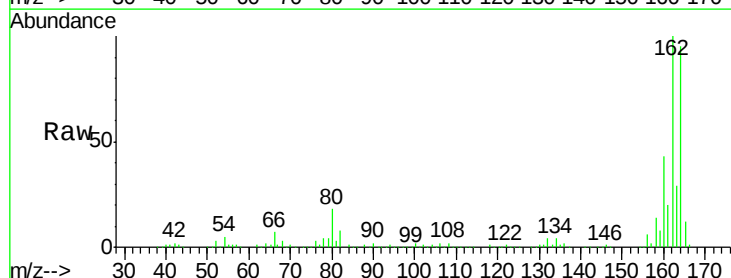
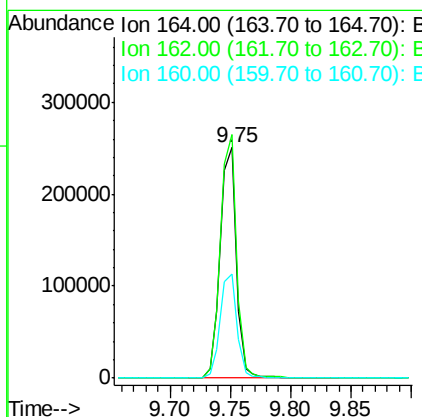
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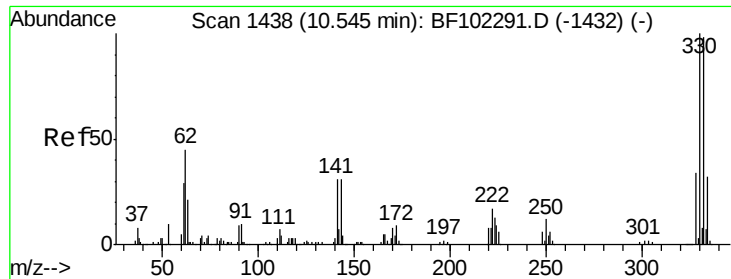
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF102406.D
 Acq: 24 Jan 2018 22:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	45.4	38.3	57.5





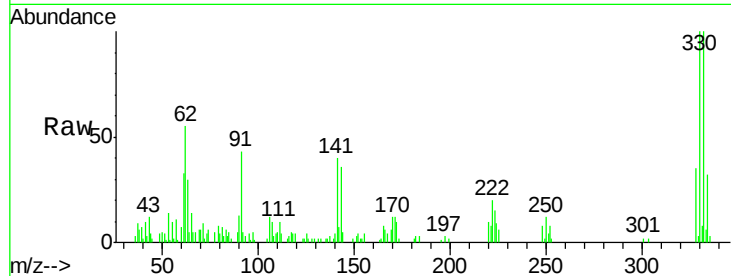
#41
 2,4,6-Tribromophenol
 Concen: 8.981 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102406.D
 Acq: 24 Jan 2018 22:47

Instrument :
 BNA_F
 ClientSampled :
 33E-6

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	20668		
332	97.7	77.0	115.6	
141	50.2	29.9	44.9#	

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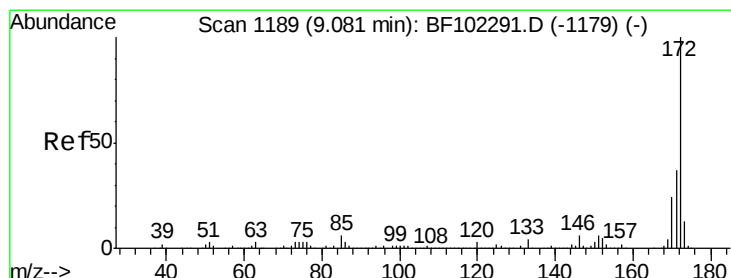
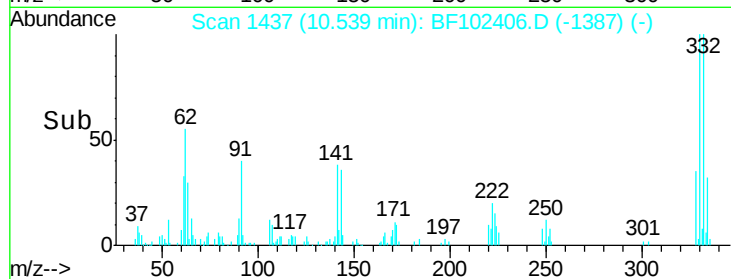
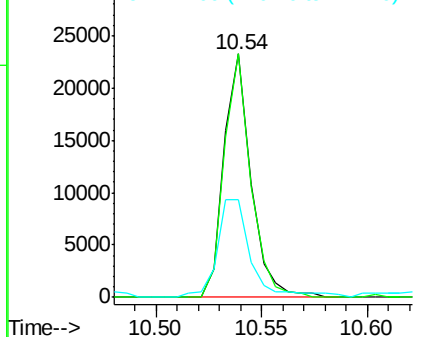


Abundance

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: 62.263 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102406.D
 Acq: 24 Jan 2018 22:47

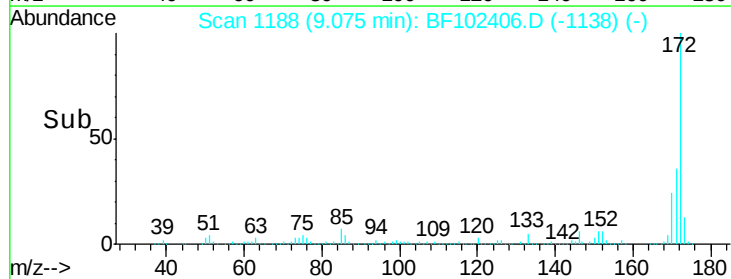
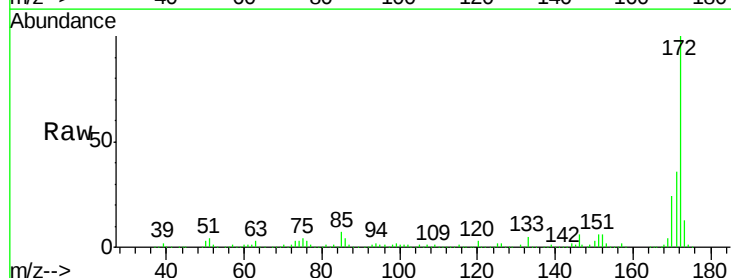
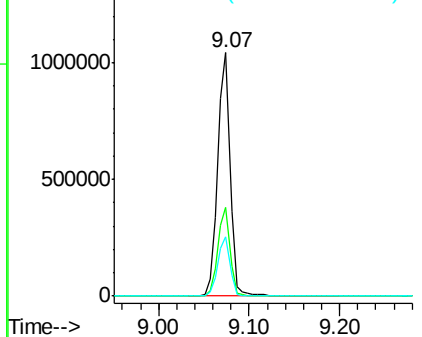
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	983525		
171	36.4	29.7	44.5	
170	24.3	19.6	29.4	

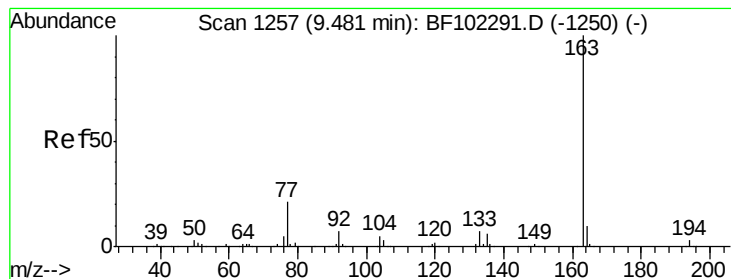
Abundance

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: 9.064 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF102406.D

Acq: 24 Jan 2018 22:47

Instrument :

BNA_F

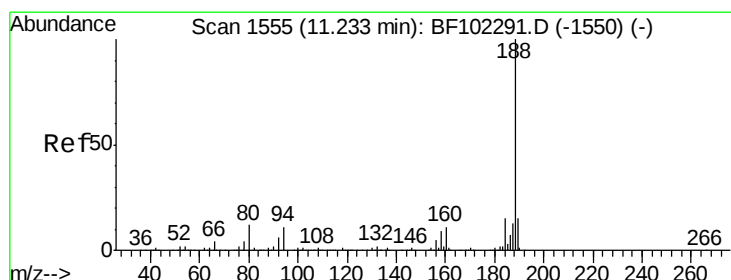
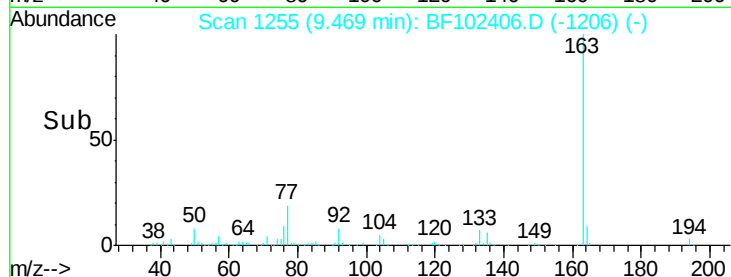
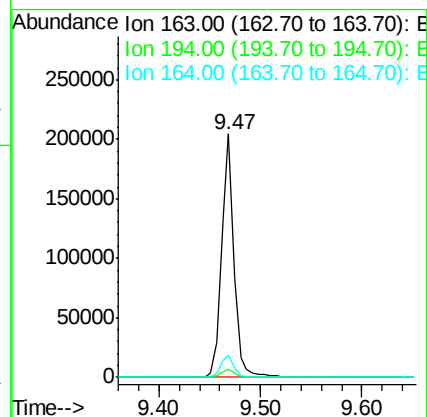
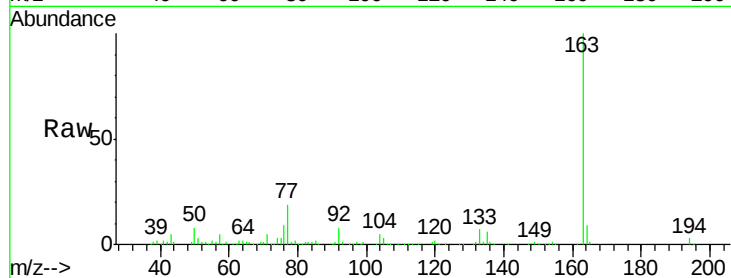
ClientSampled :

33E-6

Tgt Ion:	163	Resp:	174015
Ion Ratio	Lower	Upper	
163	100		
194	3.1	2.7	4.1
164	9.3	8.2	12.2

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.000 ng

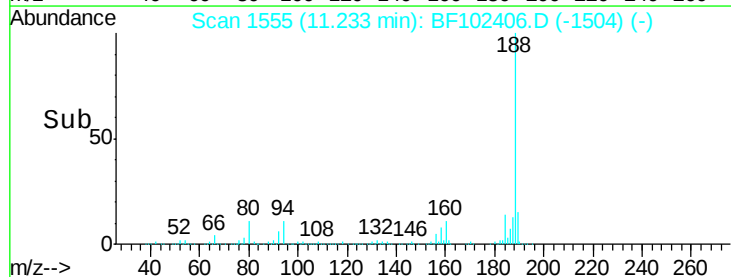
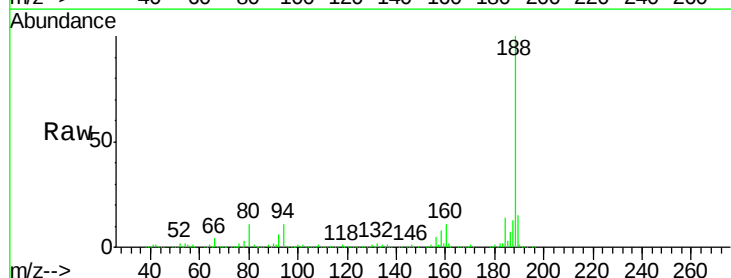
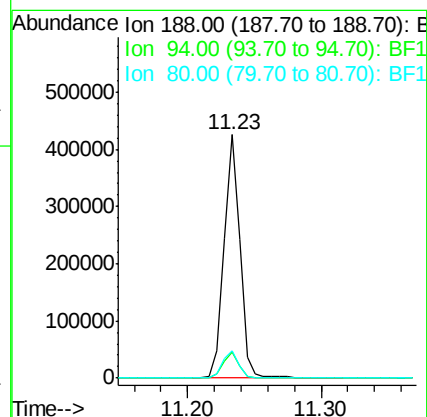
RT: 11.23 min Scan# 1555

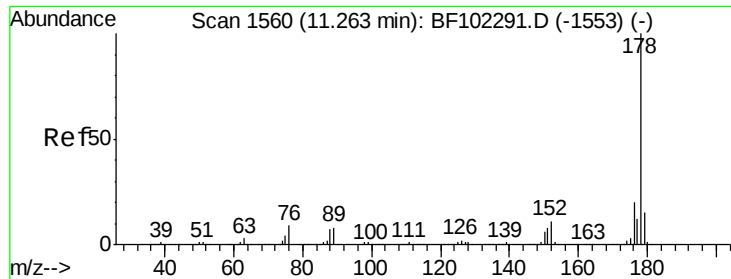
Delta R.T. -0.00 min

Lab File: BF102406.D

Acq: 24 Jan 2018 22:47

Tgt Ion:	188	Resp:	361693
Ion Ratio	Lower	Upper	
188	100		
94	10.7	8.5	12.7
80	11.2	9.2	13.8





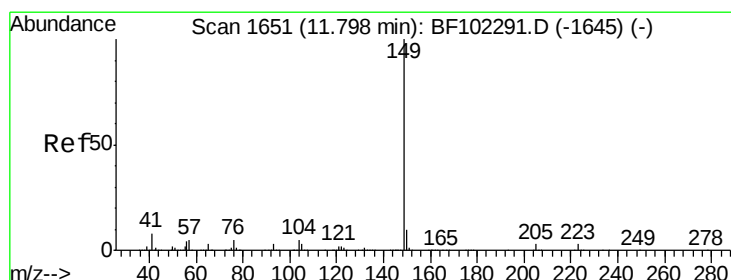
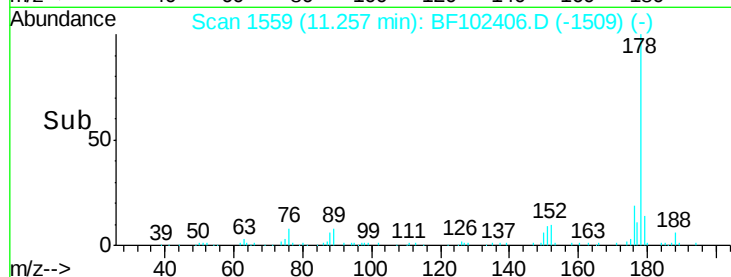
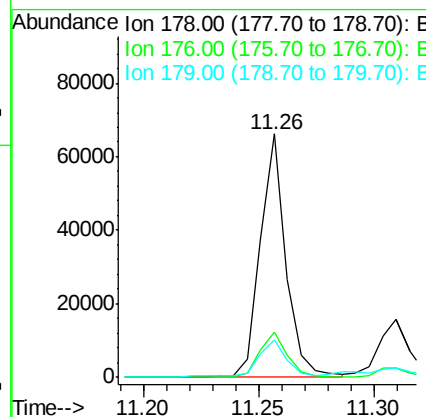
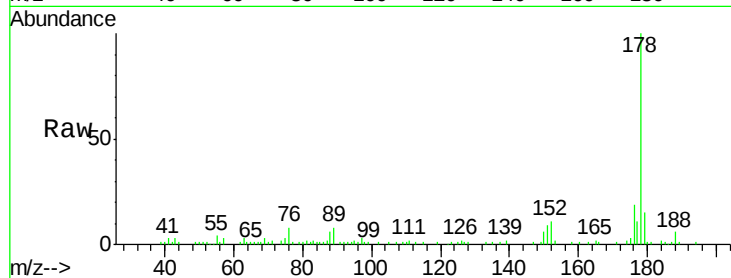
#70
Phenanthrene
Concen: 2.448 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102406.D
Acq: 24 Jan 2018 22:47

Instrument :
BNA_F
ClientSampled :
33E-6

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.3	13.0	19.6

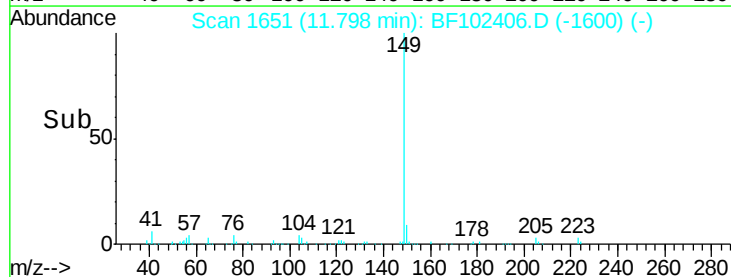
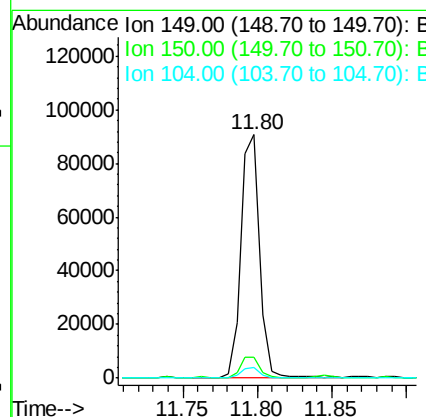
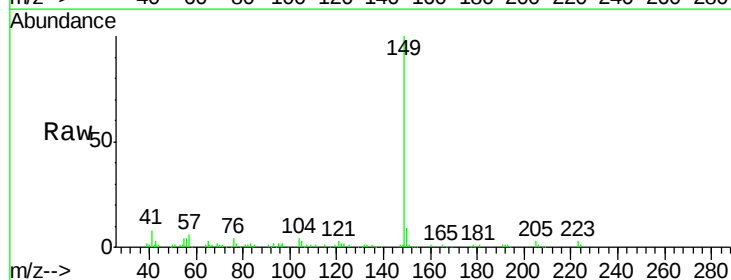
Manual Integrations
APPROVED

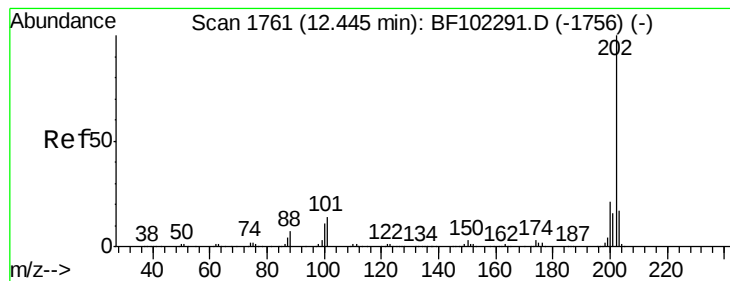
Sohil
1/25/2018 5:30:35 PM



#73
Di-n-butylphthalate
Concen: 3.063 ng
RT: 11.80 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BF102406.D
Acq: 24 Jan 2018 22:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.8	11.6
104	4.1	3.8	5.8





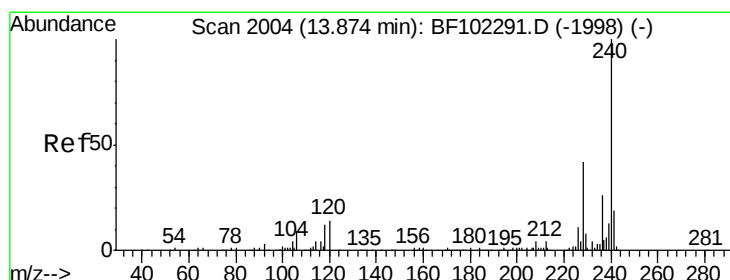
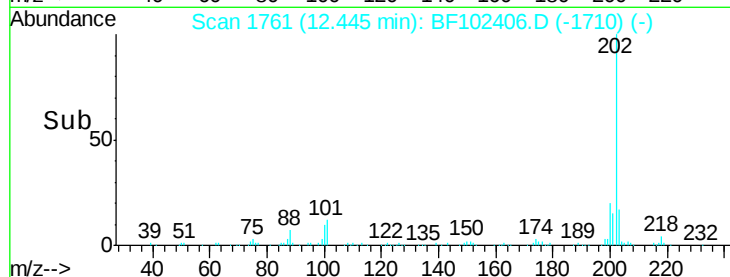
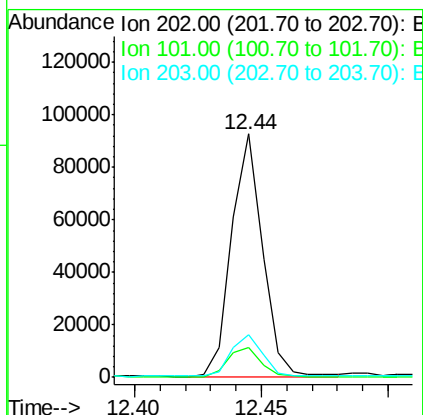
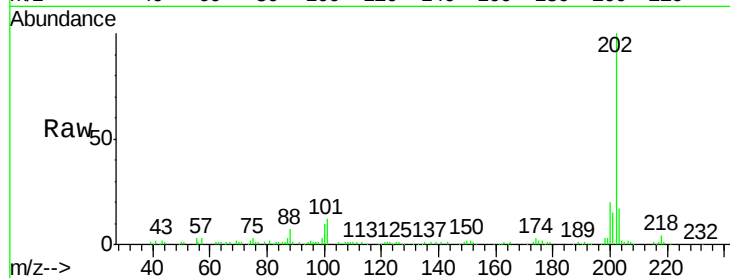
#74
 Fluoranthene
 Concen: 3.659 ng
 RT: 12.44 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: BF102406.D
 Acq: 24 Jan 2018 22:47

Instrument :
 BNA_F
 ClientSampleId :
 33E-6

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.3	0.0	34.1
203	17.5	0.0	38.1

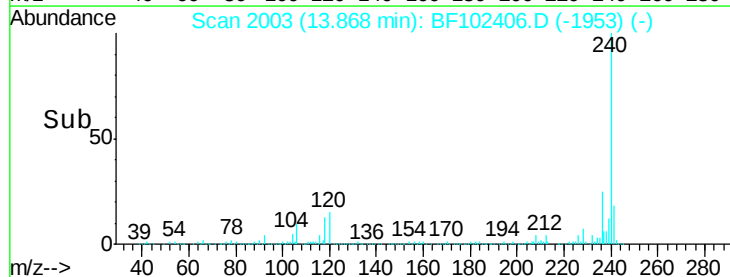
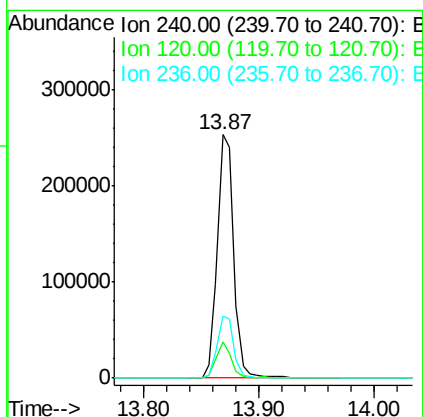
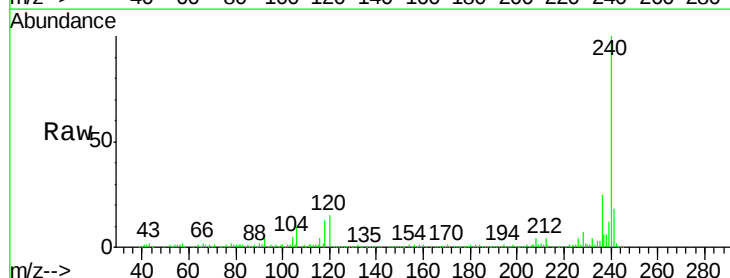
Manual Integrations
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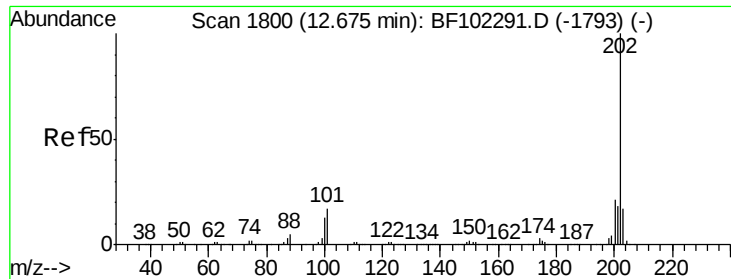
Sohil
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF102406.D
 Acq: 24 Jan 2018 22:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	14.9	9.5	14.3#
236	25.2	20.7	31.1





#77

Pyrene

Concen: 7.651 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BF102406.D

Acq: 24 Jan 2018 22:47

Instrument :

BNA_F

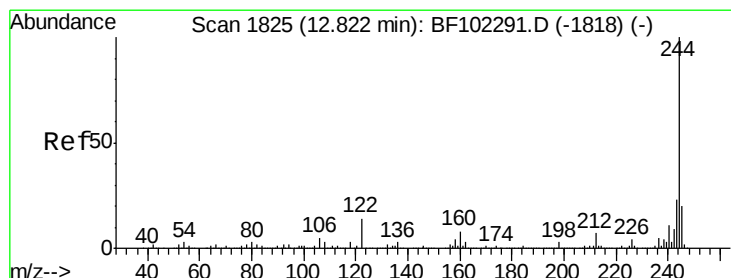
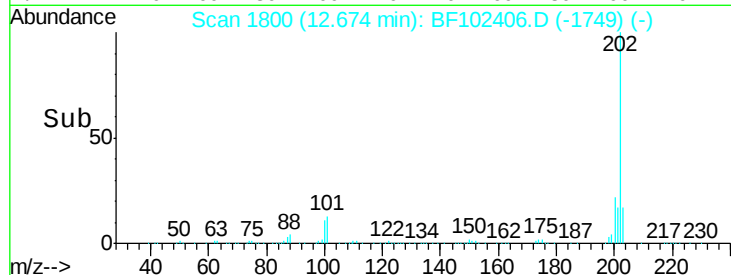
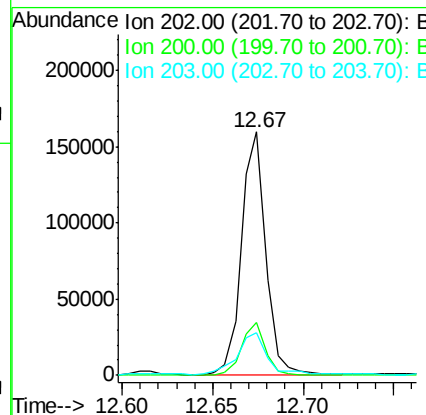
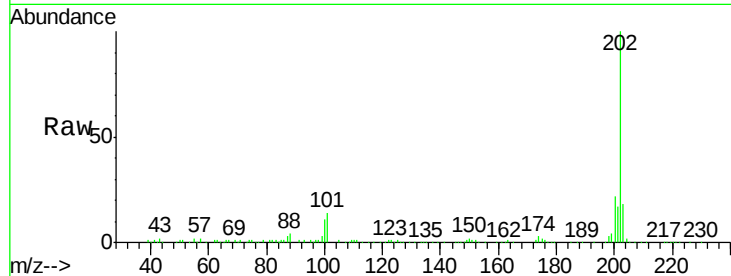
ClientSampleId :

33E-6

Tgt Ion:	202	Resp:	148390
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.4	26.2
203	17.7	14.3	21.5

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#78

Terphenyl-d14

Concen: 66.749 ng

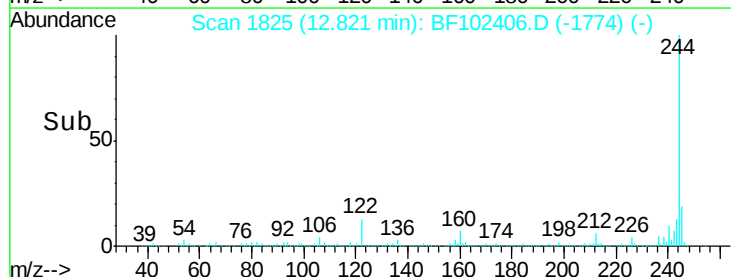
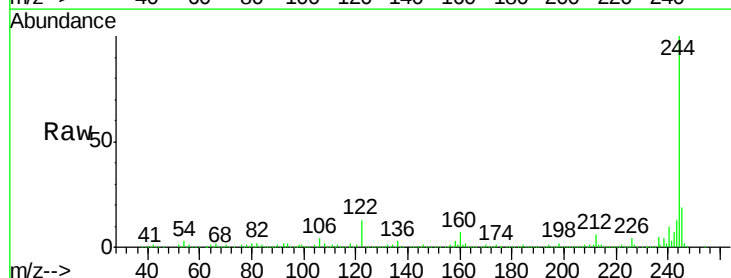
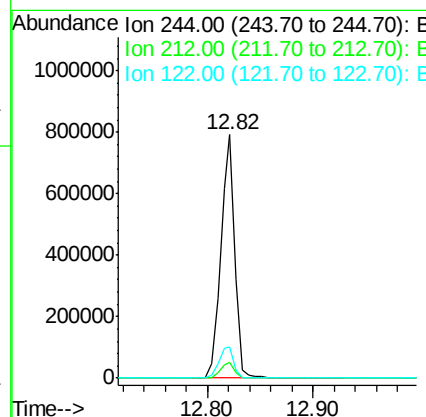
RT: 12.82 min Scan# 1825

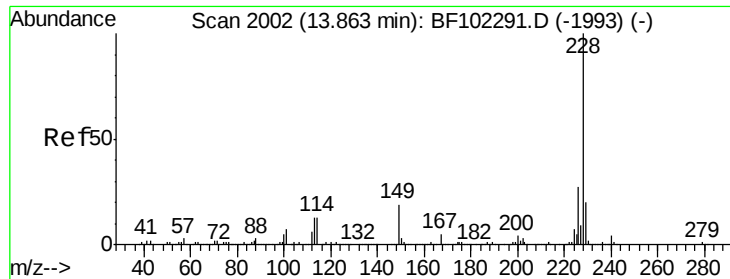
Delta R.T. -0.00 min

Lab File: BF102406.D

Acq: 24 Jan 2018 22:47

Tgt Ion:	244	Resp:	742695
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.4	8.0
122	12.8	11.0	16.4





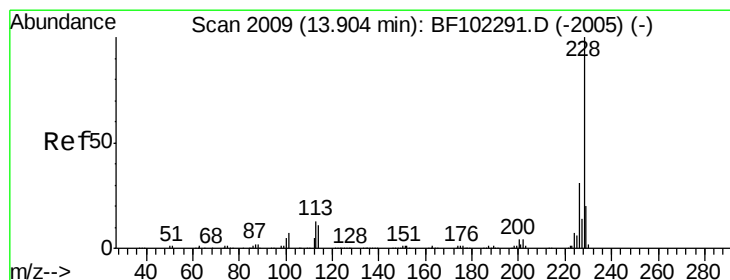
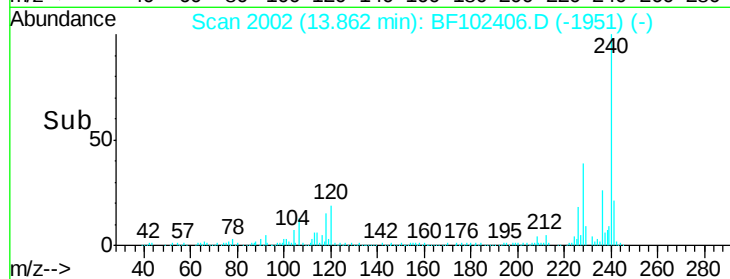
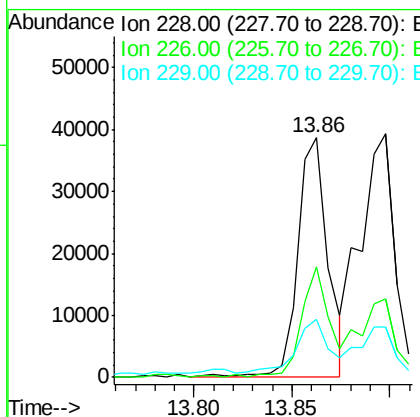
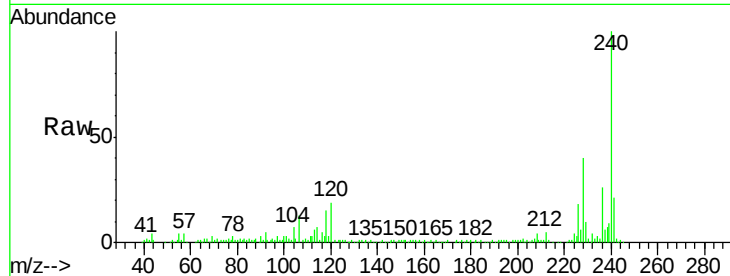
#80
Benzo(a)anthracene
Concen: 2.694 ng m
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF102406.D
Acq: 24 Jan 2018 22:47

Instrument :
BNA_F
ClientSampled :
33E-6

Tgt Ion	Ratio	Lower	Upper
228	100		
226	46.3	22.6	33.8#
229	24.0	15.8	23.6#

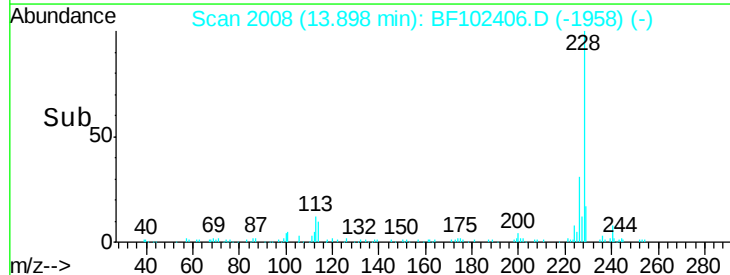
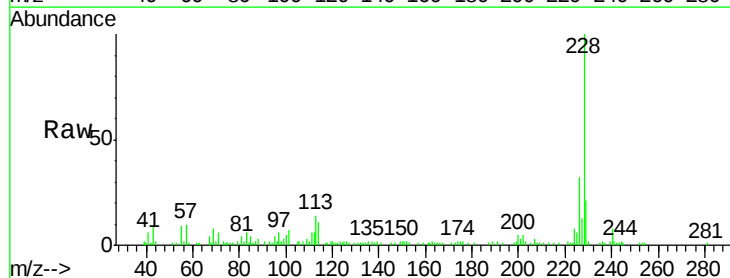
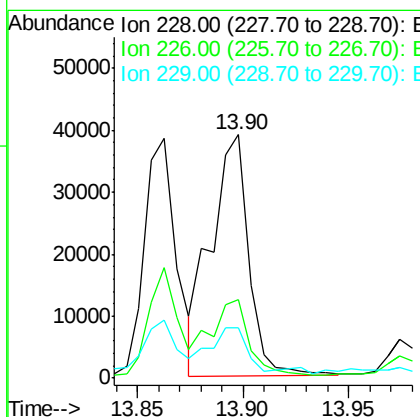
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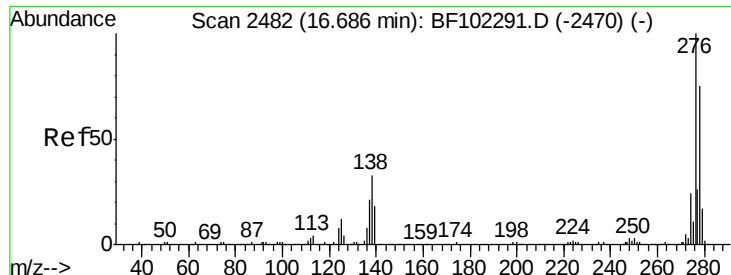
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#82
Chrysene
Concen: 3.084 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF102406.D
Acq: 24 Jan 2018 22:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.0	37.6
229	20.8	16.2	24.4





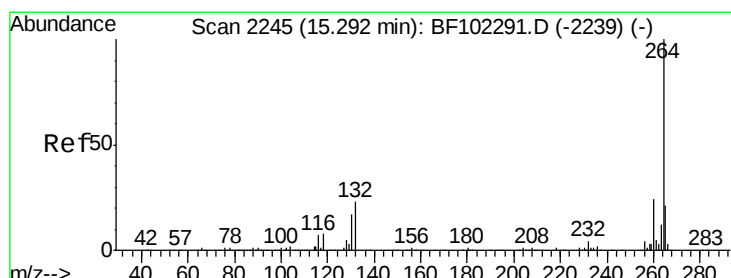
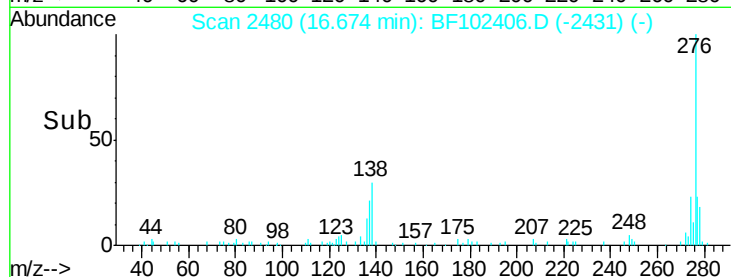
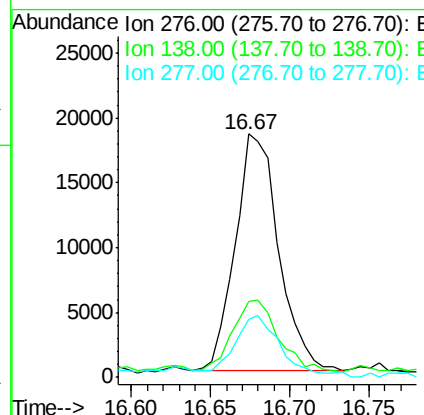
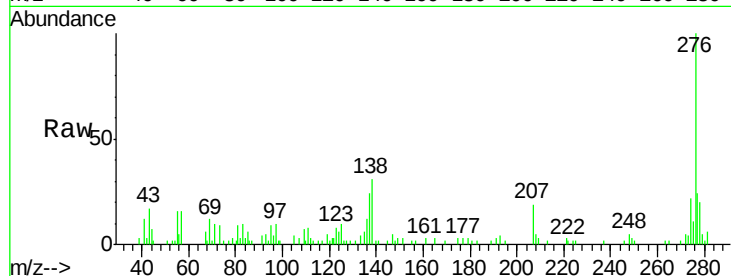
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.678 ng
 RT: 16.67 min Scan# 2480
 Delta R.T. -0.01 min
 Lab File: BF102406.D
 Acq: 24 Jan 2018 22:47

Instrument :
 BNA_F
 ClientSampleId :
 33E-6

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.9	25.0	37.6
277	28.8	20.1	30.1

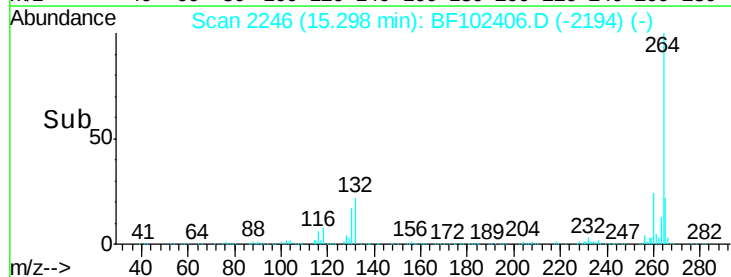
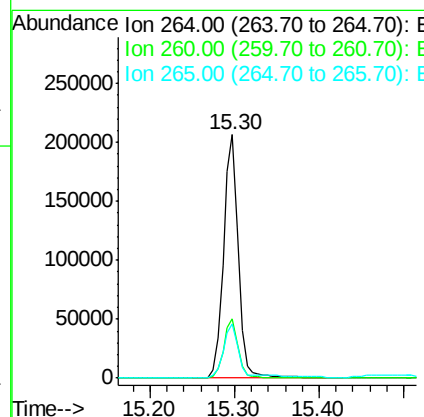
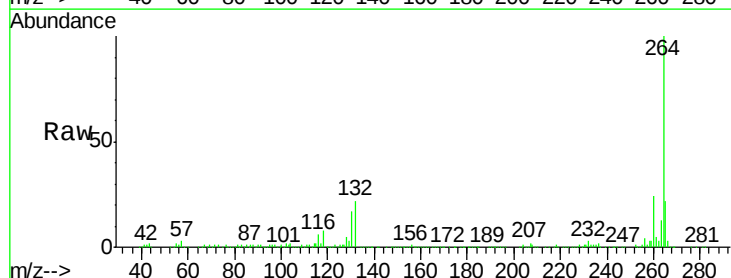
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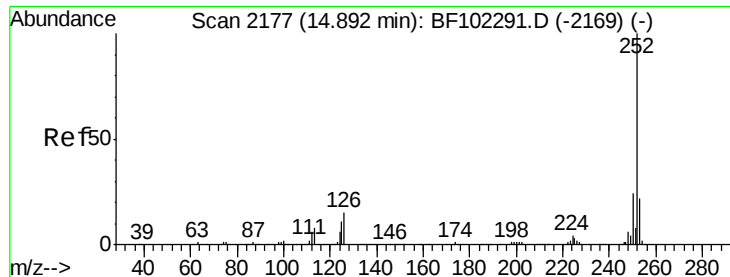
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF102406.D
 Acq: 24 Jan 2018 22:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.1	17.5	26.3





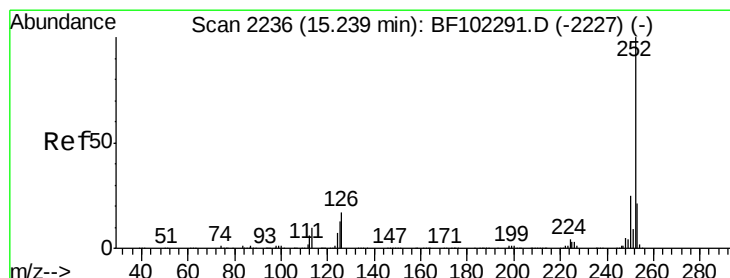
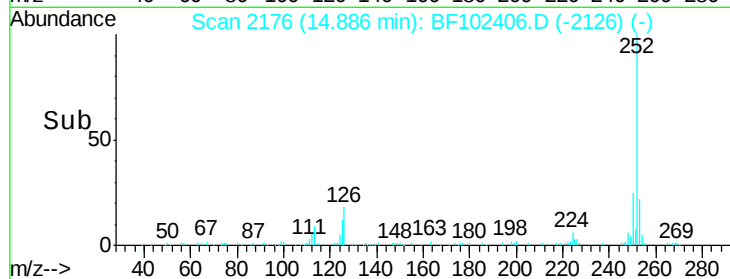
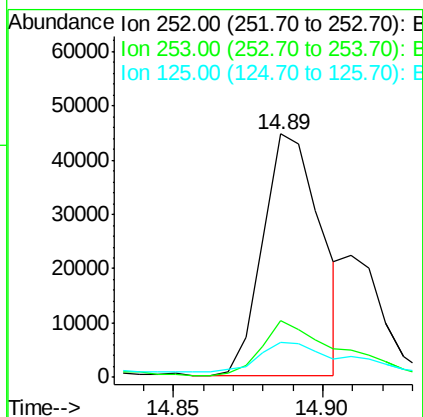
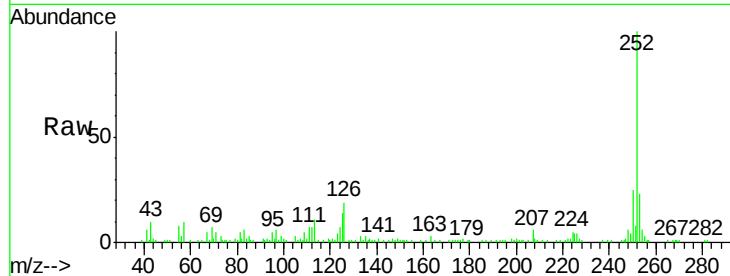
#87
Benzo(b)fluoranthene
Concen: 3.645 ng m
RT: 14.89 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF102406.D
Acq: 24 Jan 2018 22:47

Instrument :
BNA_F
ClientSampleId :
33E-6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	14.3	9.0	13.6#

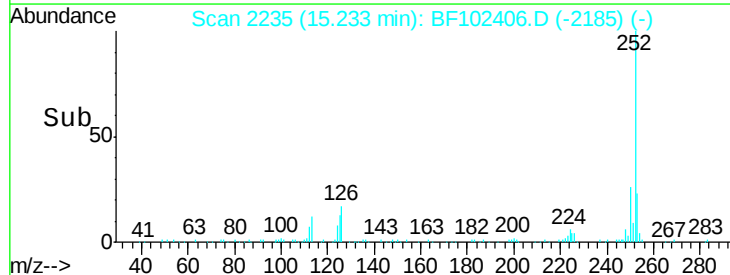
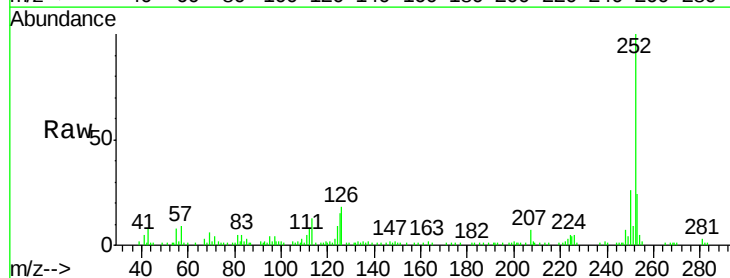
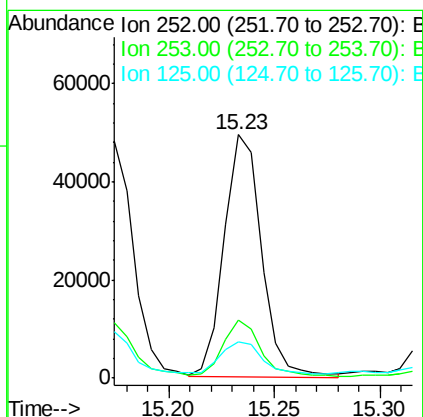
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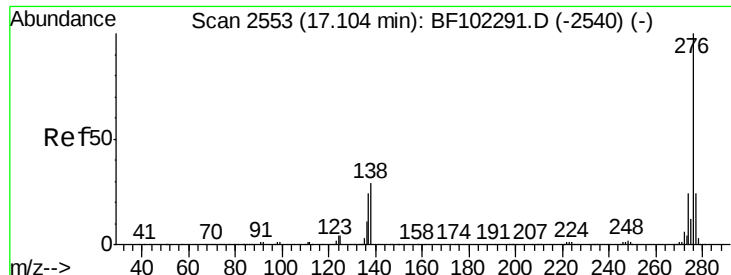
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#89
Benzo(a)pyrene
Concen: 4.076 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF102406.D
Acq: 24 Jan 2018 22:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	15.1	9.8	14.6#





#91
 Benzo(g,h,i)perylene
 Concen: 3.981 ng
 RT: 17.10 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: BF102406.D
 Acq: 24 Jan 2018 22:47

Instrument :
 BNA_F
 ClientSampleId :
 33E-6

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	47500		
277	24.5		17.9	26.9
138	25.5		21.8	32.8

Manual Integrations
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