

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012418\
 Data File : BF102413.D
 Acq On : 25 Jan 2018 1:55
 Operator : SJ/JU
 Sample : J1235-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 30-2

Manual Integrations
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Sohil
 1/25/2018 5:30:46 PM

Quant Time: Jan 25 03:23:04 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	122690	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	502702	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	225043	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	363685	20.00	ng	0.00
75) Chrysene-d12	13.87	240	221446	20.00	ng	0.00
86) Perylene-d12	15.30	264	226226	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	910512	112.53	ng	0.00
7) Phenol-d6	6.36	99	1101125	112.88	ng	0.00
23) Nitrobenzene-d5	7.29	82	664800	76.00	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	212023	95.08	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1024642	66.95	ng	0.00
78) Terphenyl-d14	12.82	244	768512	78.24	ng	0.00
Target Compounds						
10) Phenol	6.37	94	45582	4.280	ng	Qvalue 84
49) Dimethylphthalate	9.47	163	151132	8.125	ng	98
70) Phenanthrene	11.26	178	190977	9.011	ng	99
74) Fluoranthene	12.46	202	274296	12.692	ng	97
77) Pyrene	12.67	202	223873	13.076	ng	100
80) Benzo(a)anthracene	13.86	228	92316	6.771	ng	95
82) Chrysene	13.90	228	106766	7.712	ng	98
85) Indeno(1,2,3-cd)pyrene	16.68	276	108925	9.526	ng	96
87) Benzo(b)fluoranthene	14.89	252	182464m	12.444	ng	
88) Benzo(k)fluoranthene	14.92	252	39554m	2.855	ng	
89) Benzo(a)pyrene	15.24	252	101334	7.663	ng	96
90) Dibenzo(a,h)anthracene	16.69	278	26634	2.486	ng	# 74
91) Benzo(g,h,i)perylene	17.10	276	120359	11.379	ng	98

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

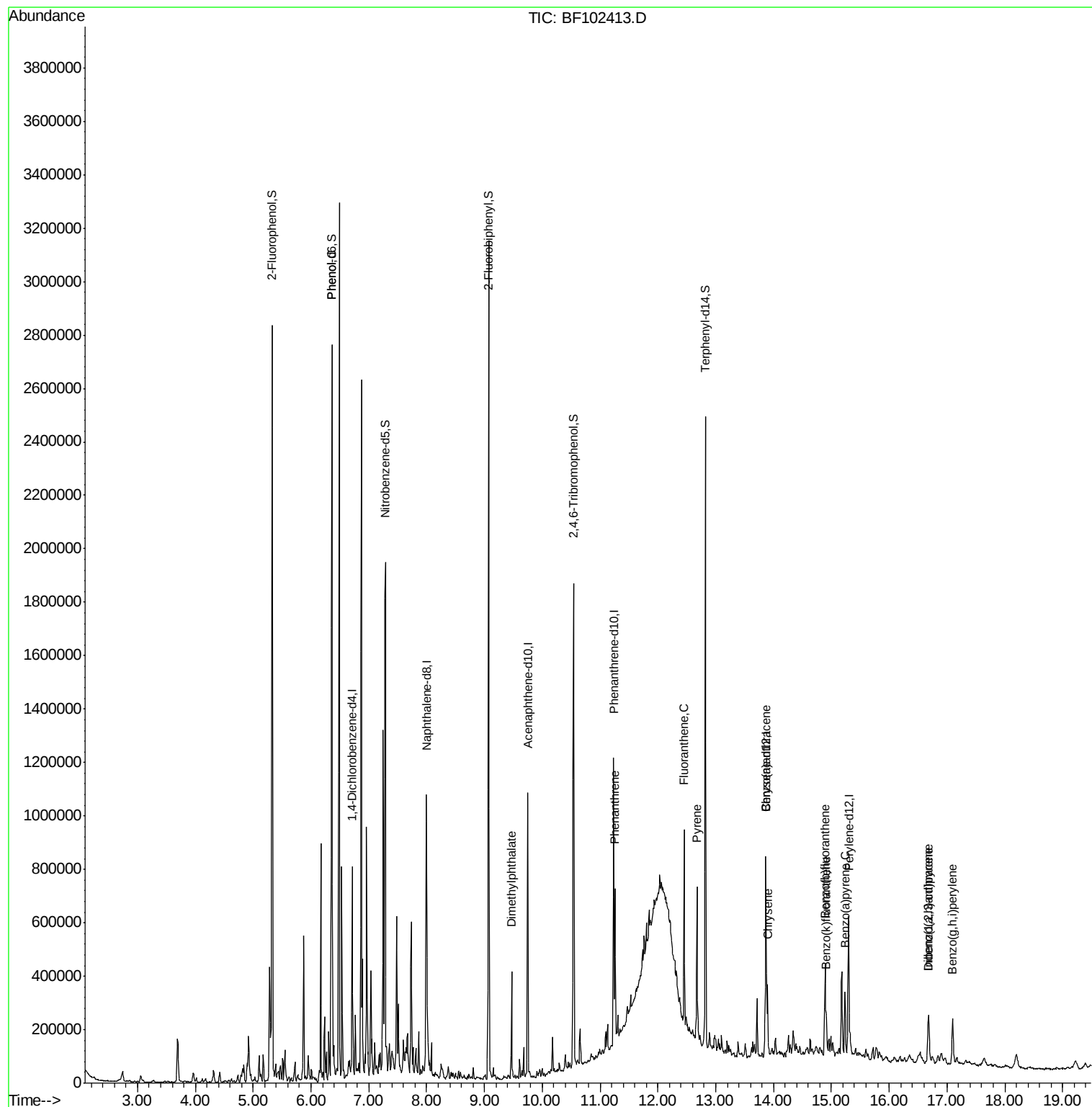
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012418\
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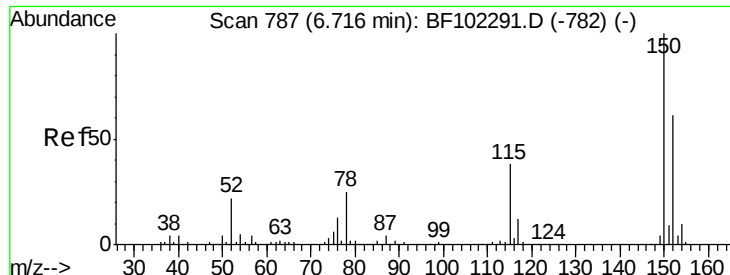
Instrument :
BNA_F
ClientSampled :
30-2

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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#1

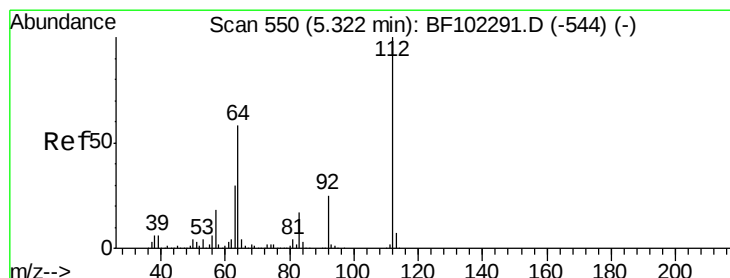
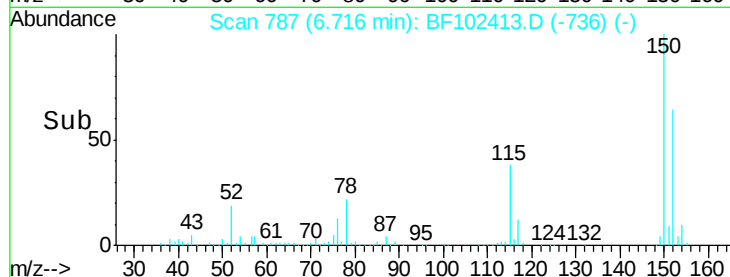
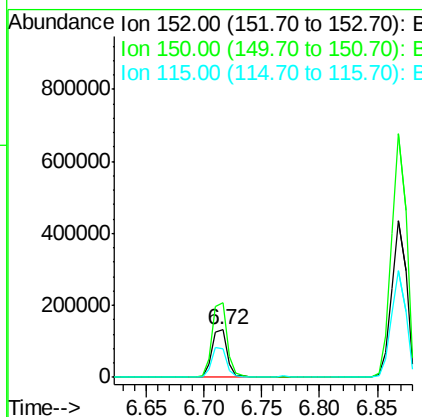
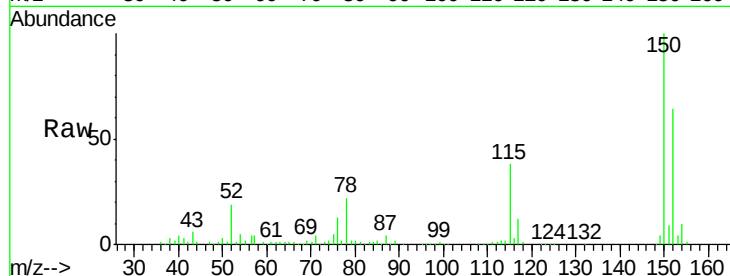
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Instrument :
BNA_F
ClientSampleId :
30-2

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	59.0	50.1	75.1

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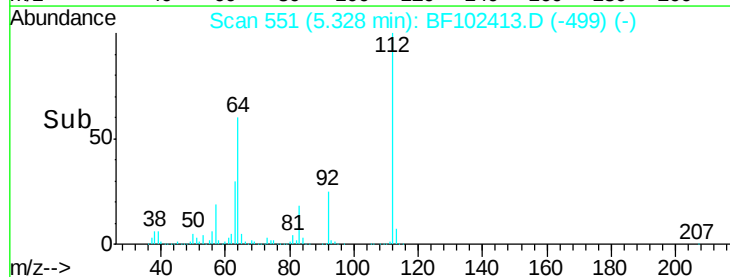
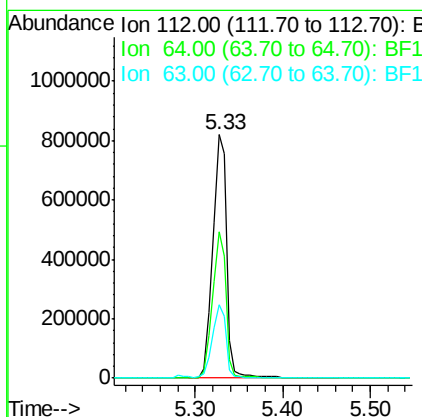
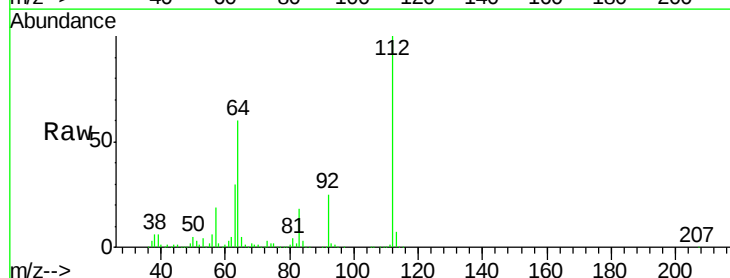
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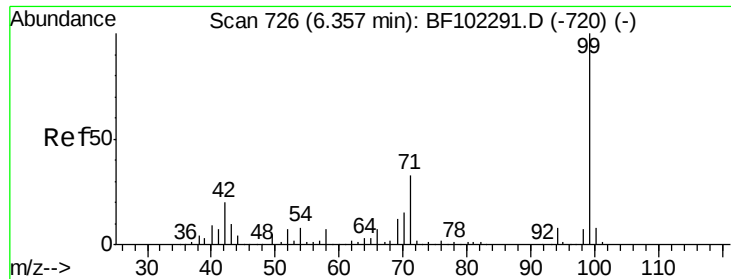


#5

2-Fluorophenol
Concen: 112.525 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.9	71.9
63	30.4	23.7	35.5





#7

Phenol-d6

Concen: 112.876 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102413.D

Acq: 25 Jan 2018 1:55

Instrument :

BNA_F

ClientSampled :

30-2

Tgt Ion: 99 Resp: 1101125

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

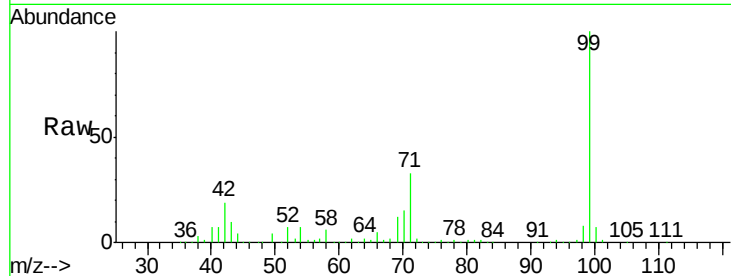
71 33.2 25.4 38.0

Manual Integrations

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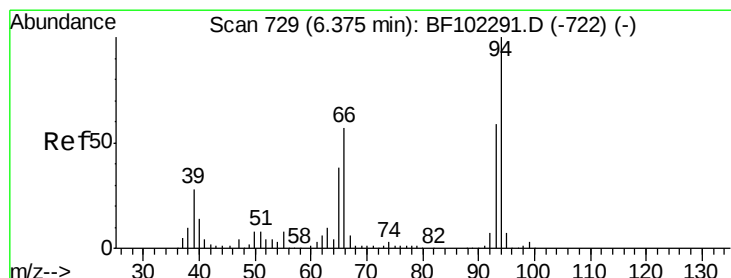
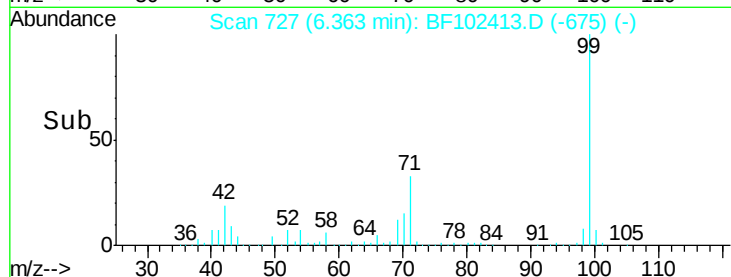
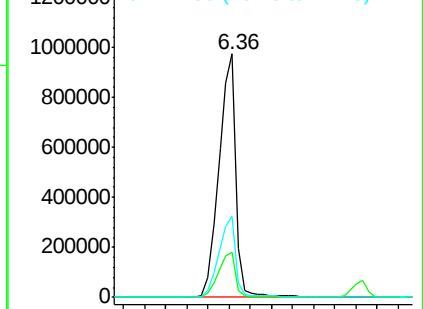
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.280 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102413.D

Acq: 25 Jan 2018 1:55

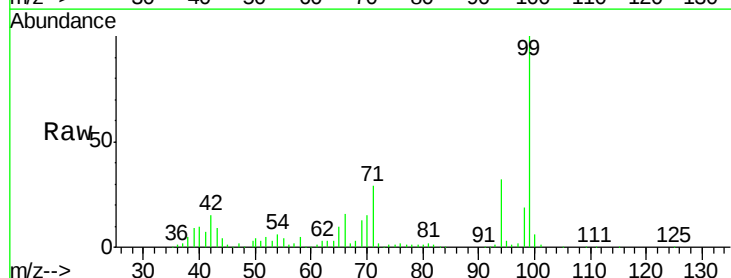
Tgt Ion: 94 Resp: 45582

Ion Ratio Lower Upper

94 100

65 31.9 7.9 47.9

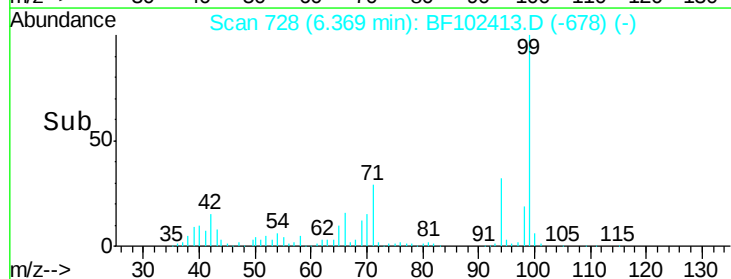
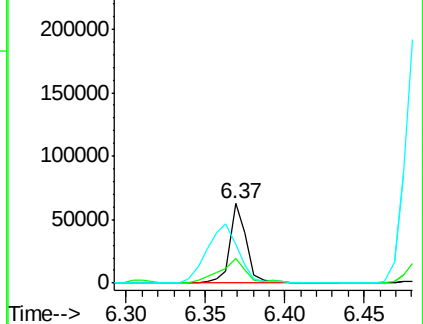
66 49.3 16.2 56.2

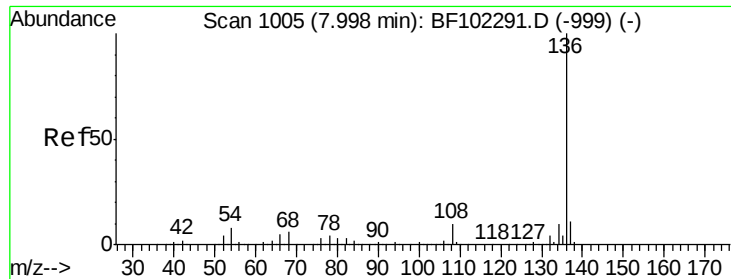


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





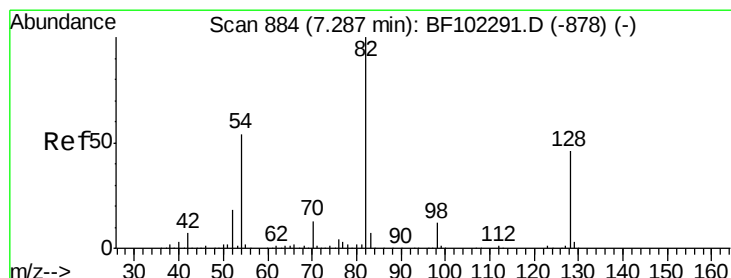
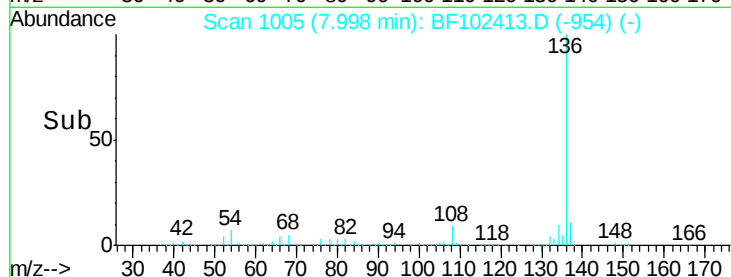
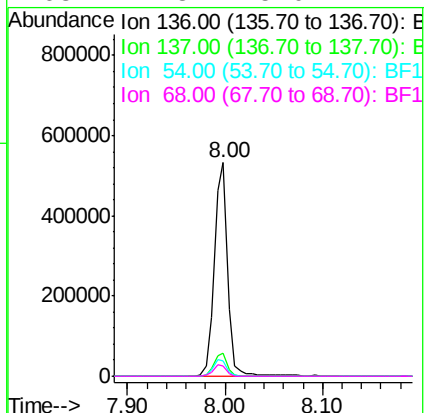
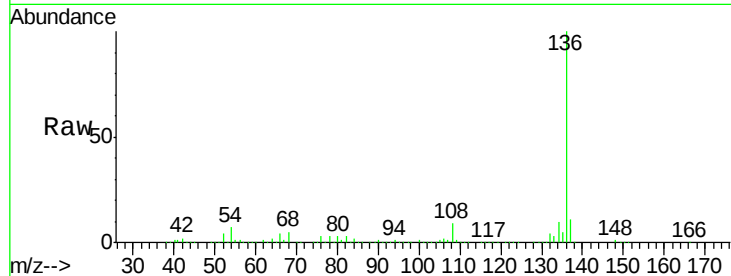
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Instrument :
BNA_F
ClientSampleId :
30-2

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.5	8.9	13.3
54	7.3	6.6	9.8
68	4.8	5.0	7.4

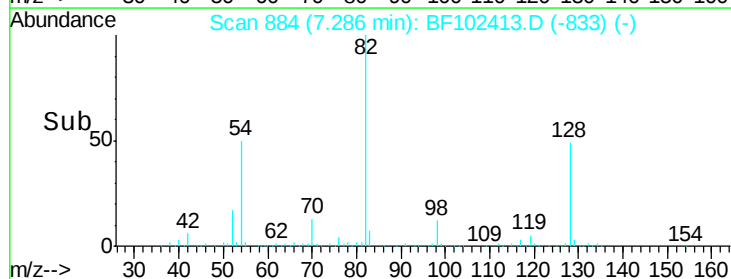
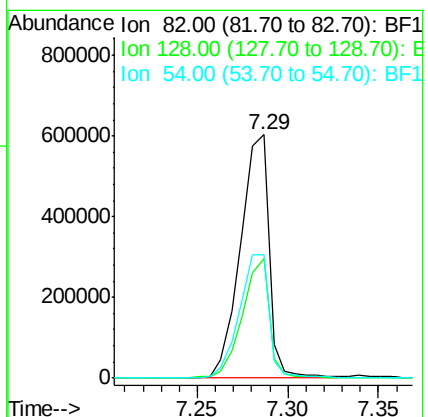
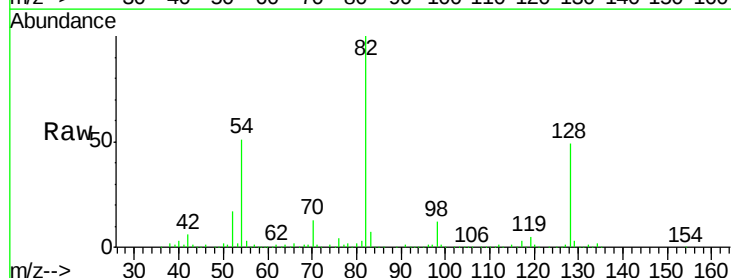
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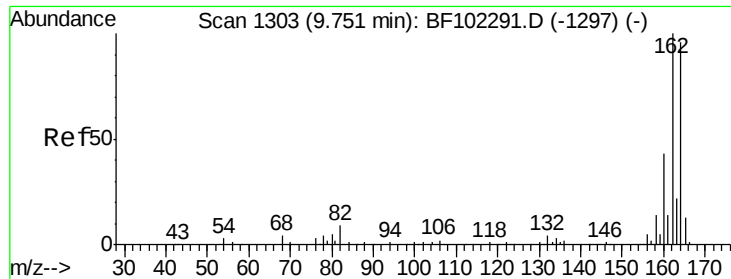
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#23
Nitrobenzene-d5
Concen: 75.997 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	49.0	36.1	54.1
54	50.5	41.4	62.2





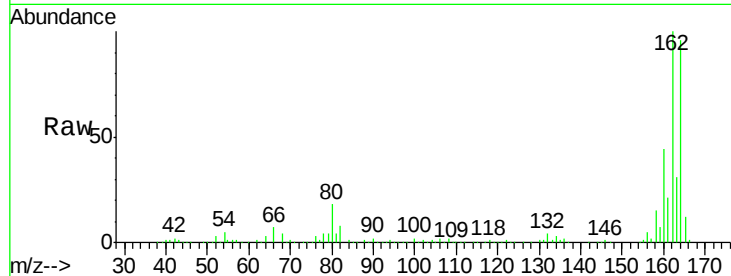
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Instrument :
BNA_F
ClientSampleId :
30-2

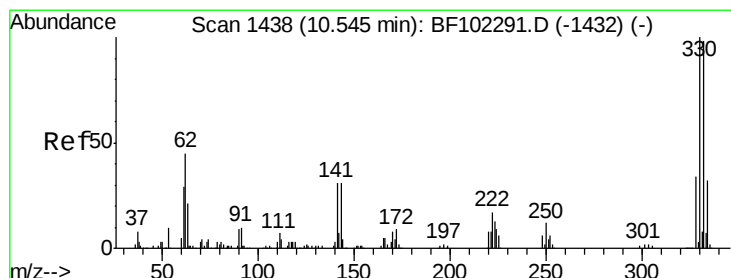
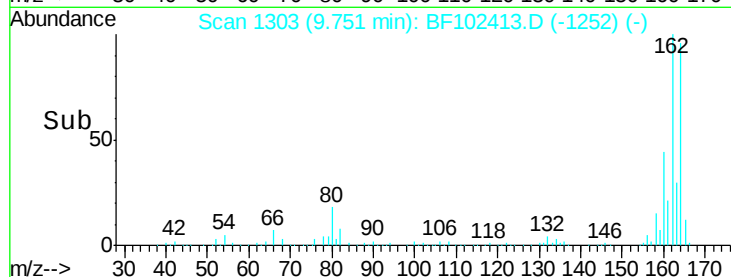
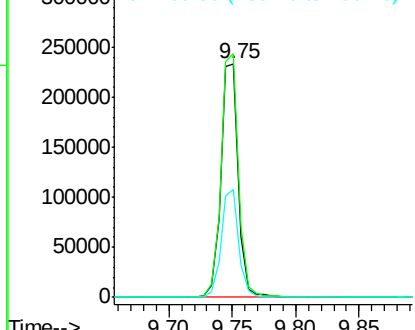
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	46.2	38.3	57.5

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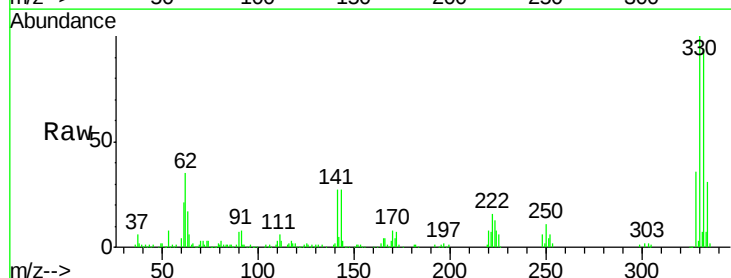


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

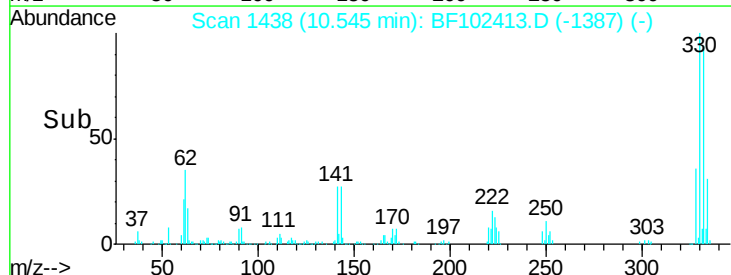
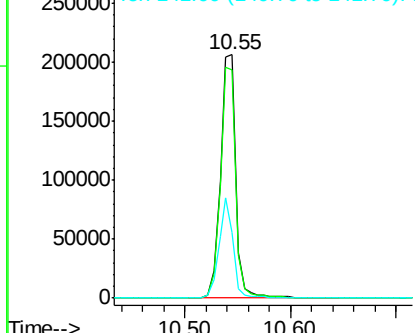


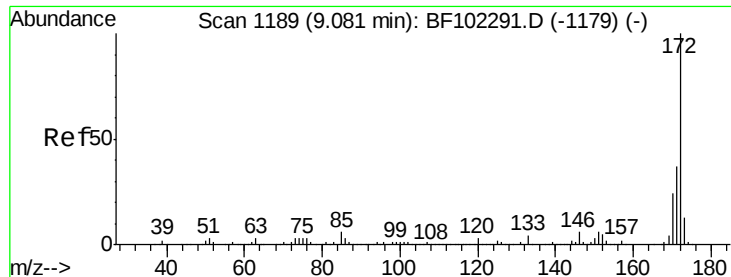
#41
2,4,6-Tribromophenol
Concen: 95.084 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	38.1	29.9	44.9



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





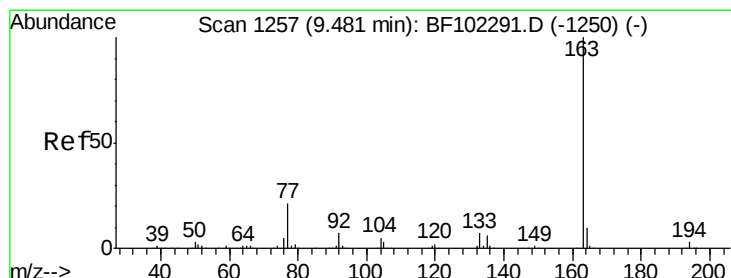
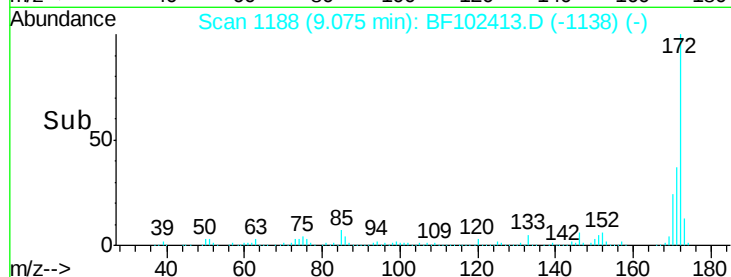
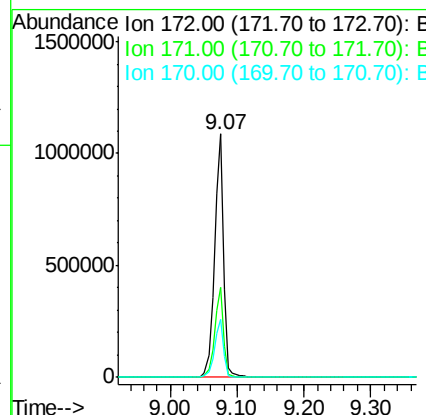
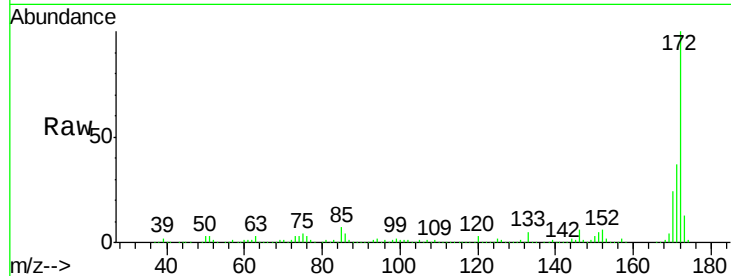
#44
 2-Fluorobiphenyl
 Concen: 66.947 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102413.D
 Acq: 25 Jan 2018 1:55

Instrument :
 BNA_F
 ClientSampled :
 30-2

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	23.8	19.6	29.4

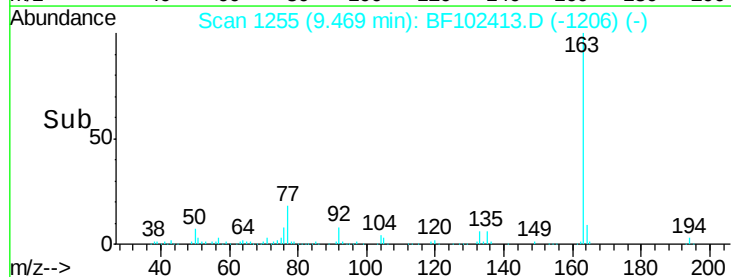
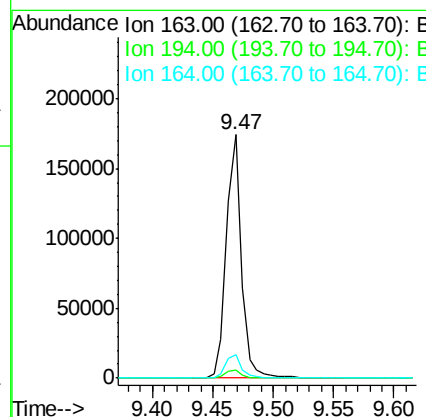
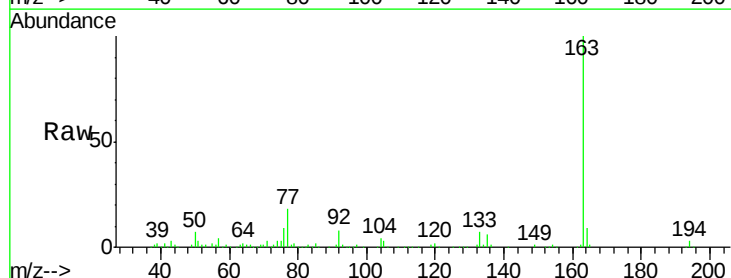
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#49
 Dimethylphthalate
 Concen: 8.125 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF102413.D
 Acq: 25 Jan 2018 1:55

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.5	8.2	12.2





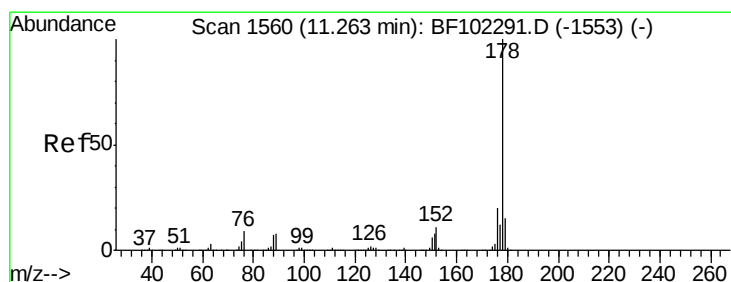
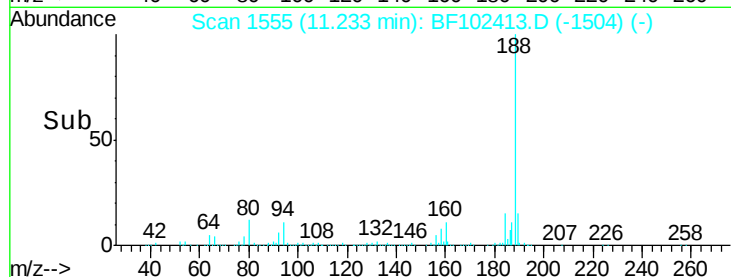
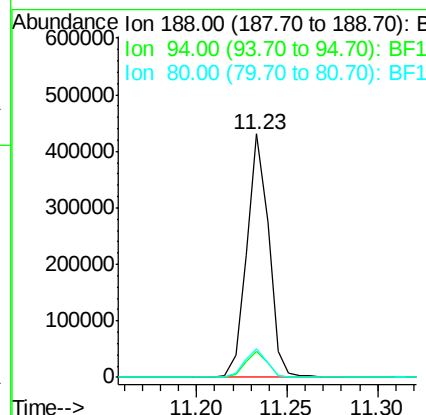
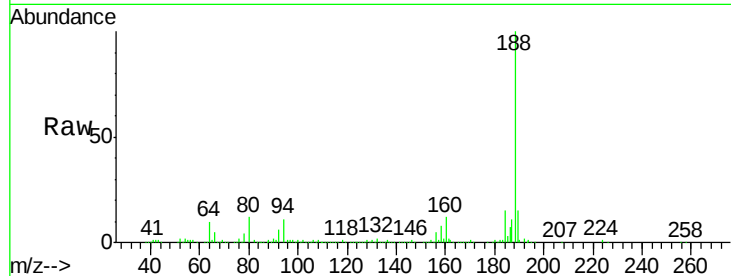
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Instrument :
BNA_F
ClientSampled :
30-2

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.9	8.5	12.7
80	11.6	9.2	13.8

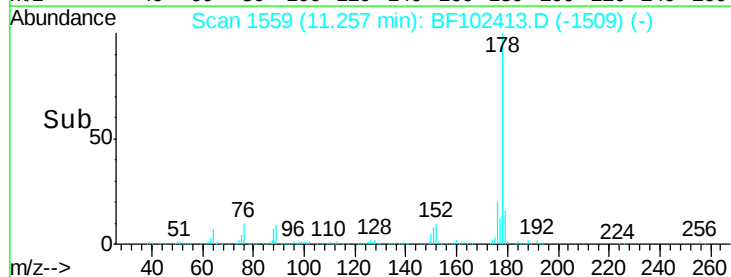
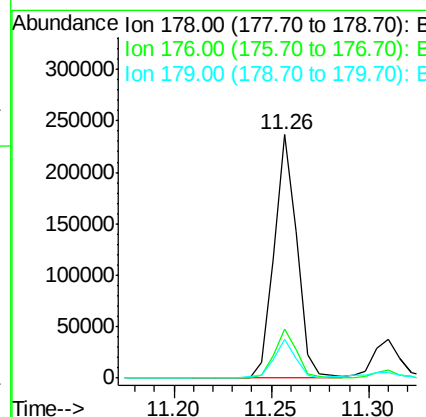
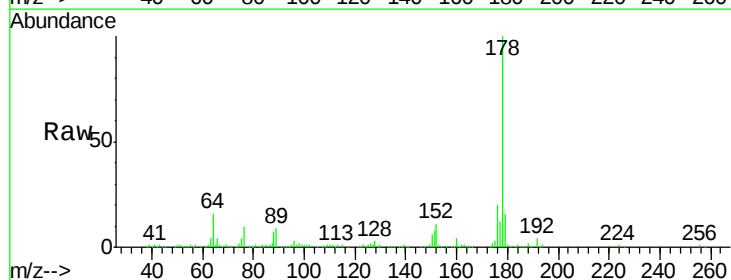
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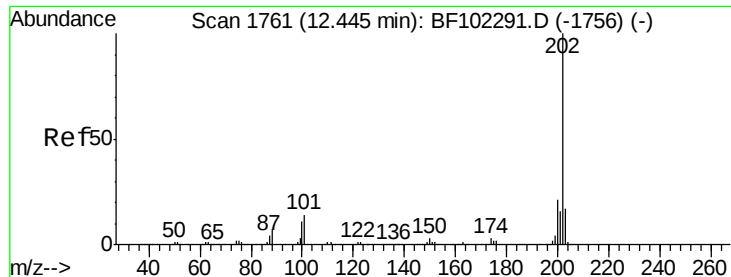
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#70
Phenanthrene
Concen: 9.011 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	20.2	15.8	23.8
179	16.0	13.0	19.6





#74

Fluoranthene

Concen: 12.692 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF102413.D

Acq: 25 Jan 2018 1:55

Instrument :

BNA_F

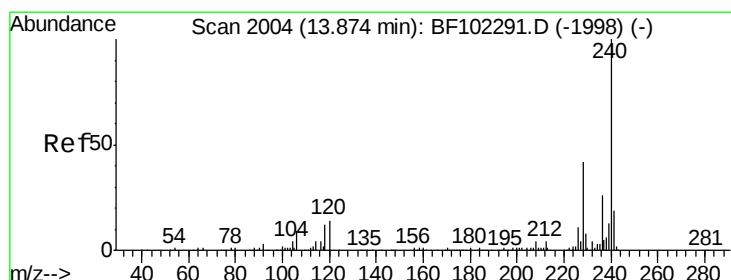
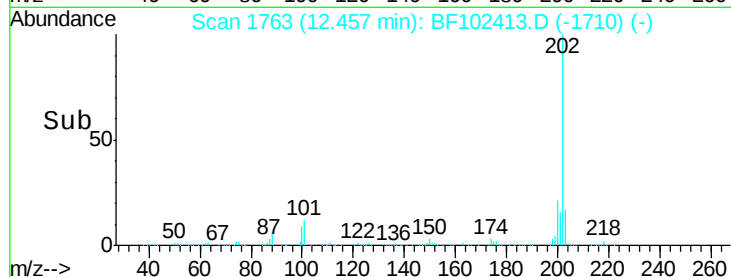
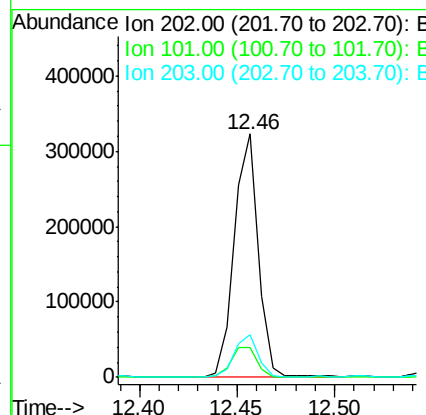
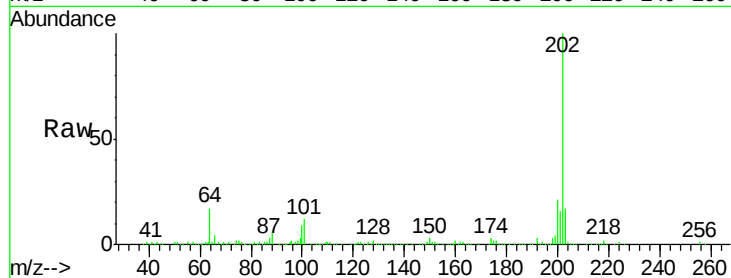
ClientSampleId :

30-2

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		274296		
101	12.1	0.0	34.1		
203	17.5	0.0	38.1		

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

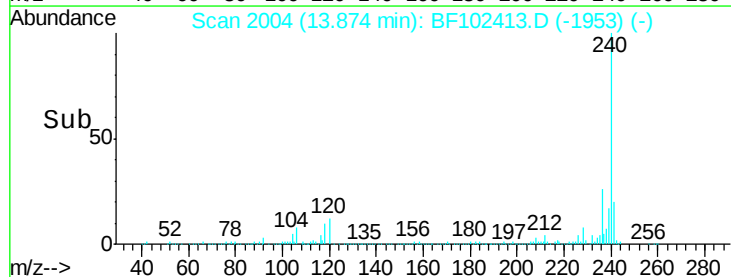
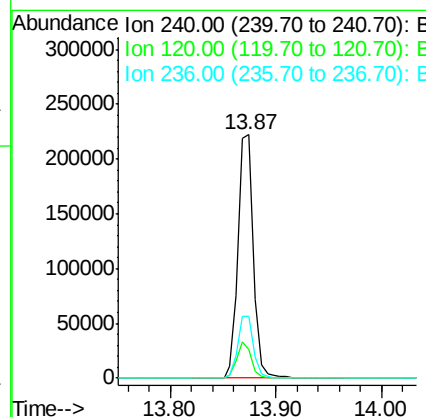
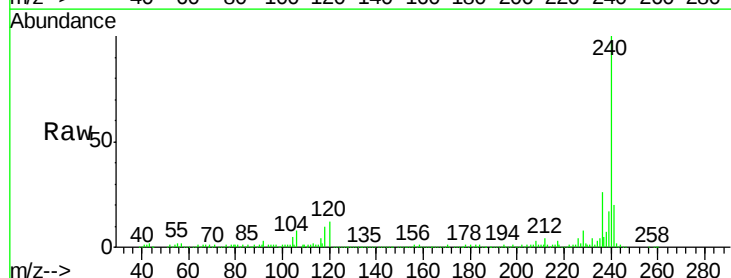
RT: 13.87 min Scan# 2004

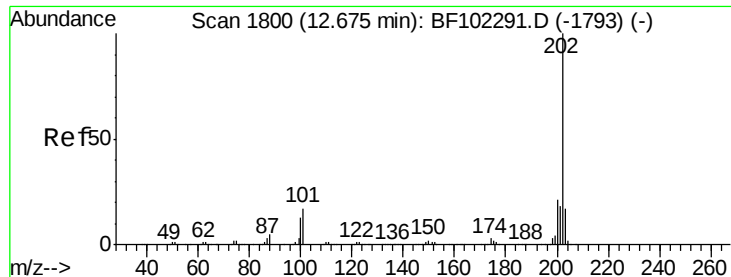
Delta R.T. -0.00 min

Lab File: BF102413.D

Acq: 25 Jan 2018 1:55

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		221446		
120	11.5	9.5	14.3		
236	25.6	20.7	31.1		





#77

Pyrene

Concen: 13.076 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BF102413.D

Acq: 25 Jan 2018 1:55

Instrument :

BNA_F

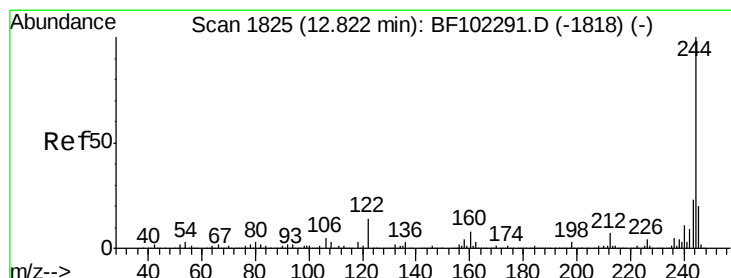
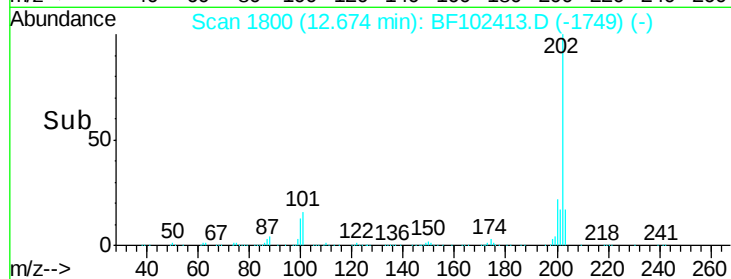
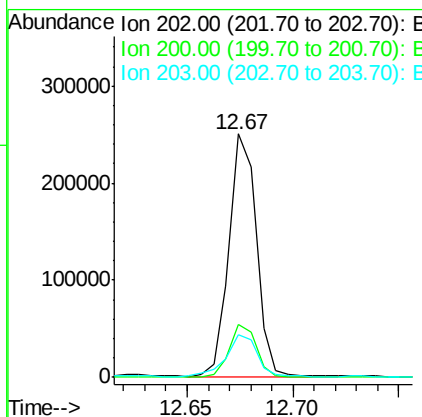
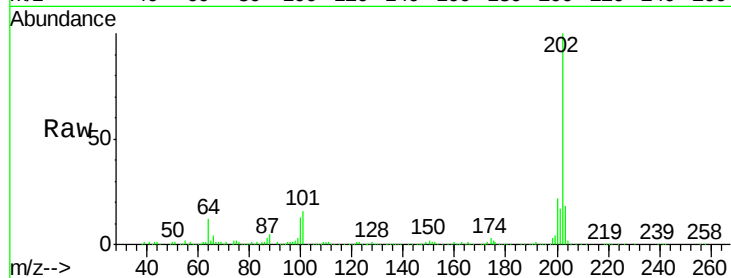
ClientSampleId :

30-2

Tgt Ion:	202	Resp:	223873
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.4	26.2
203	17.6	14.3	21.5

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#78

Terphenyl-d14

Concen: 78.236 ng

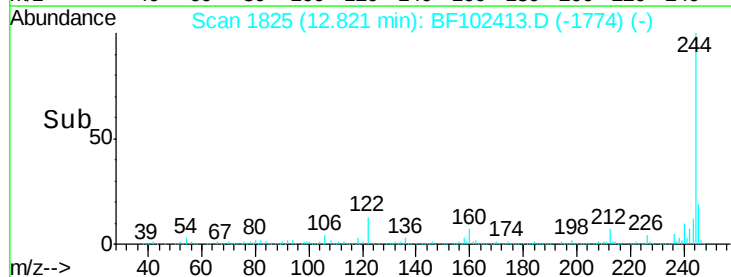
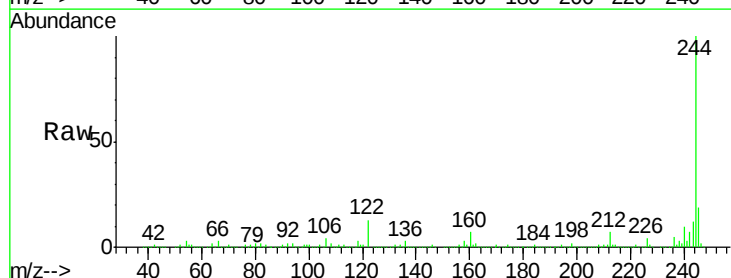
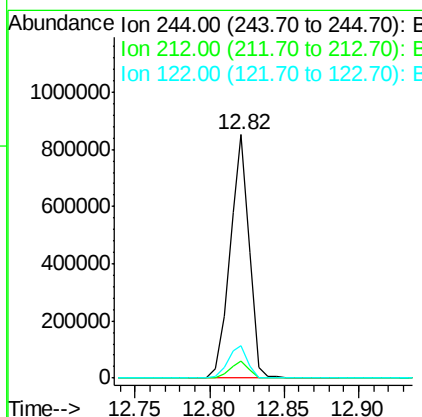
RT: 12.82 min Scan# 1825

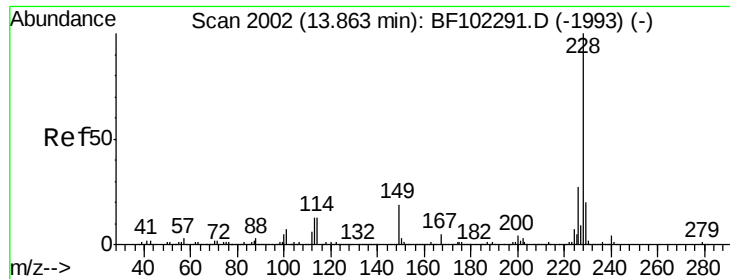
Delta R.T. -0.00 min

Lab File: BF102413.D

Acq: 25 Jan 2018 1:55

Tgt Ion:	244	Resp:	768512
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	13.4	11.0	16.4





#80

Benzo(a)anthracene

Concen: 6.771 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BF102413.D

Acq: 25 Jan 2018 1:55

Instrument :

BNA_F

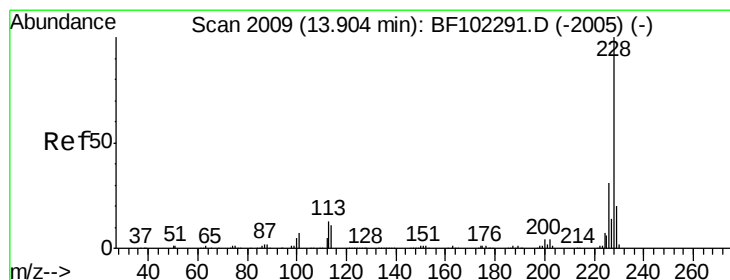
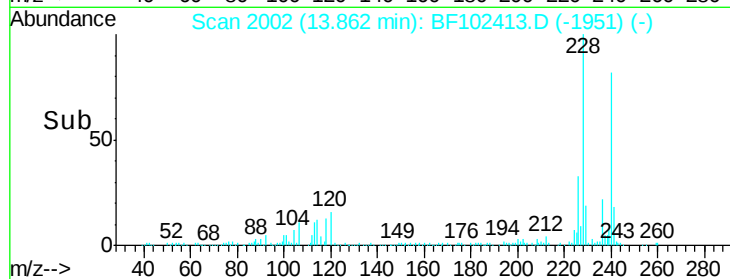
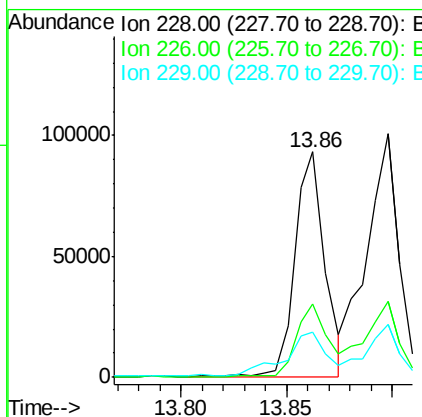
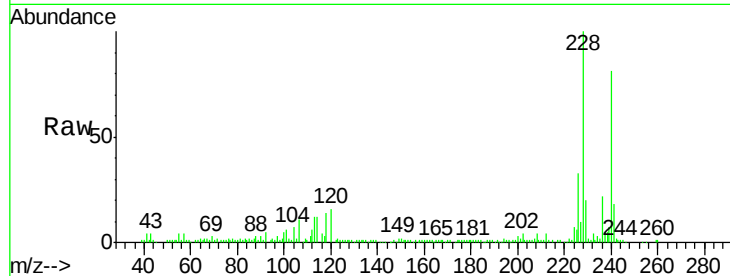
ClientSampleId :

30-2

Tgt Ion:	228	Resp:	92316
Ion Ratio	Lower	Upper	
228	100		
226	32.8	22.6	33.8
229	19.9	15.8	23.6

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#82

Chrysene

Concen: 7.712 ng

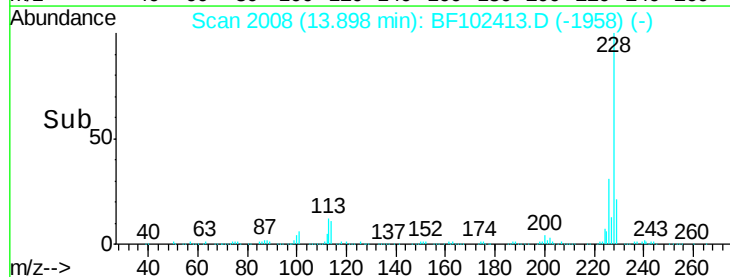
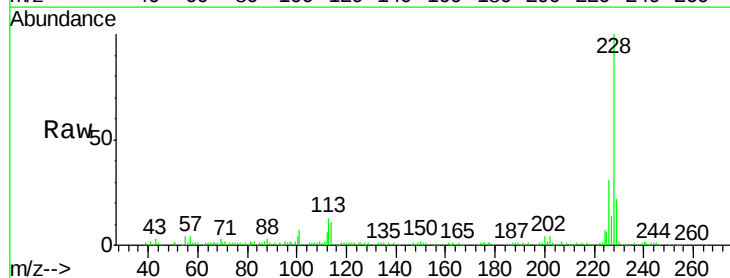
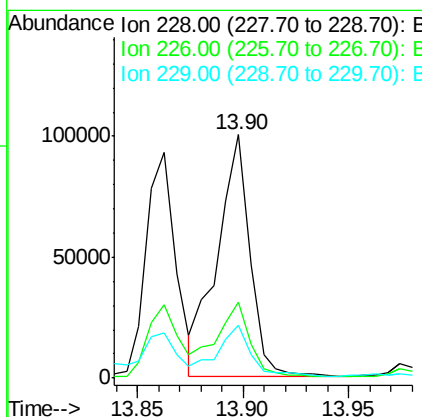
RT: 13.90 min Scan# 2008

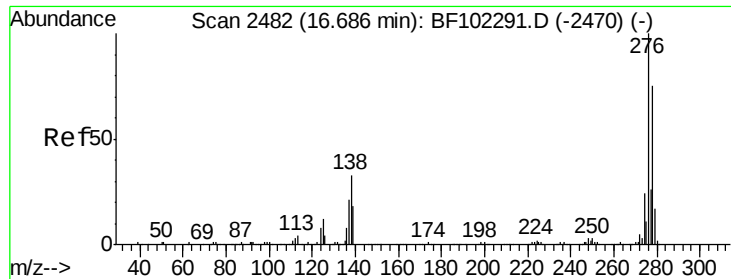
Delta R.T. -0.01 min

Lab File: BF102413.D

Acq: 25 Jan 2018 1:55

Tgt Ion:	228	Resp:	106766
Ion Ratio	Lower	Upper	
228	100		
226	31.1	25.0	37.6
229	21.8	16.2	24.4





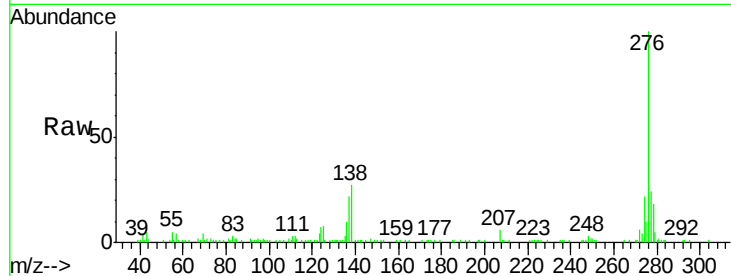
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 9.526 ng
 RT: 16.68 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BF102413.D
 Acq: 25 Jan 2018 1:55

Instrument :
 BNA_F
 ClientSampleId :
 30-2

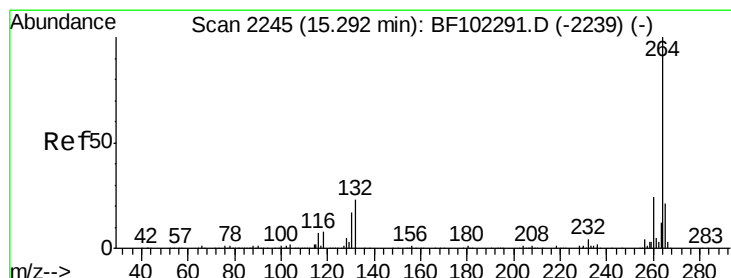
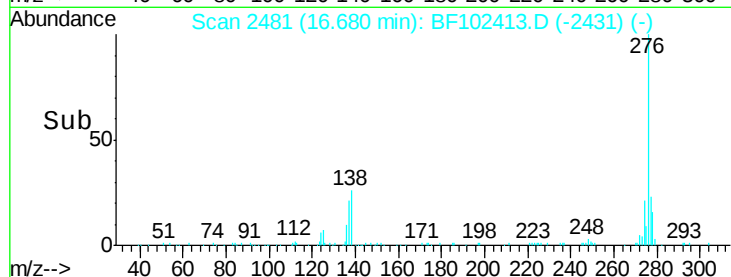
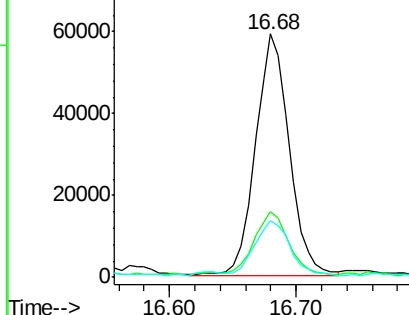
Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	27.5	25.0	37.6
277	24.6	20.1	30.1

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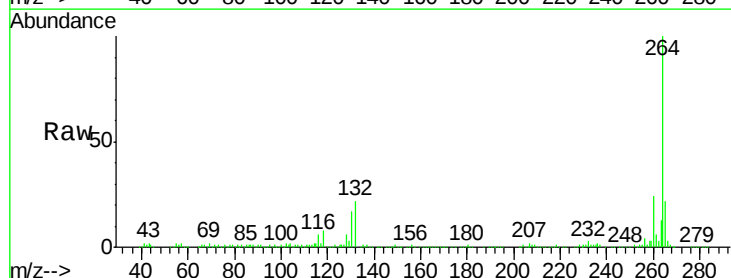


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

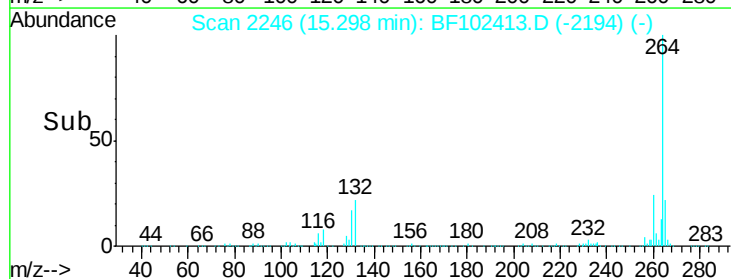
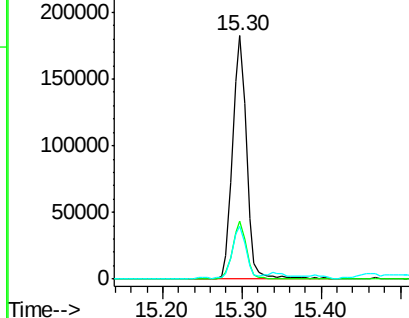


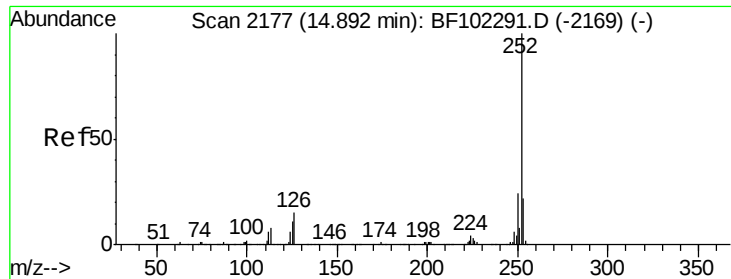
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF102413.D
 Acq: 25 Jan 2018 1:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.0	19.2	28.8
265	21.9	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





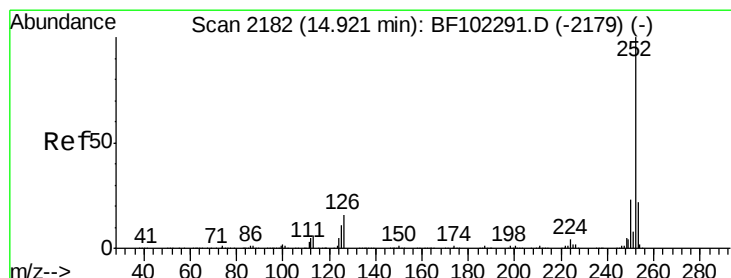
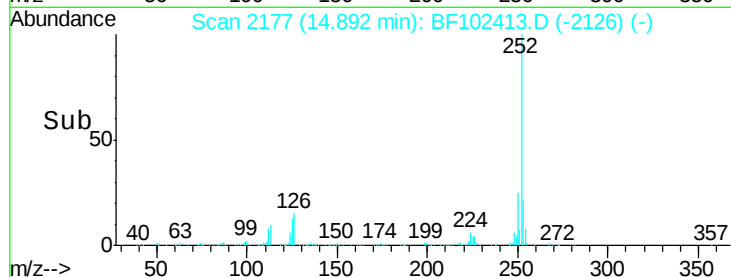
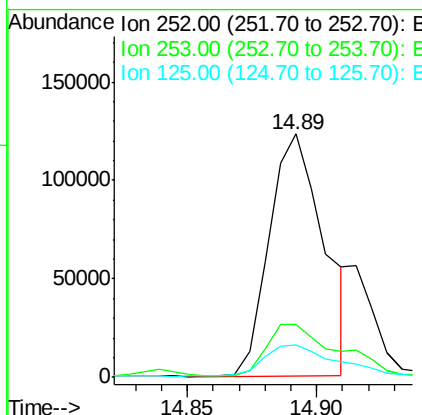
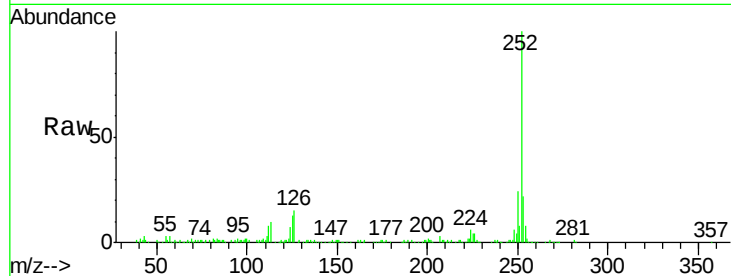
#87
Benzo(b)fluoranthene
Concen: 12.444 ng m
RT: 14.89 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Instrument :
BNA_F
ClientSampleId :
30-2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	13.3	9.0	13.6

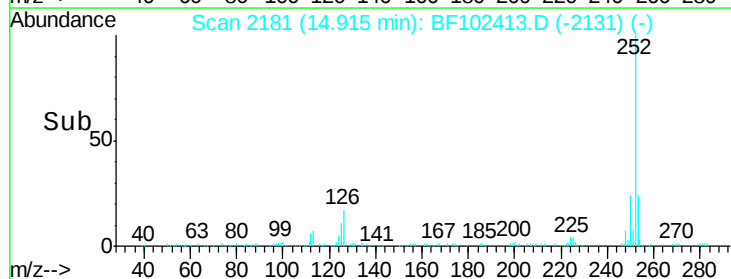
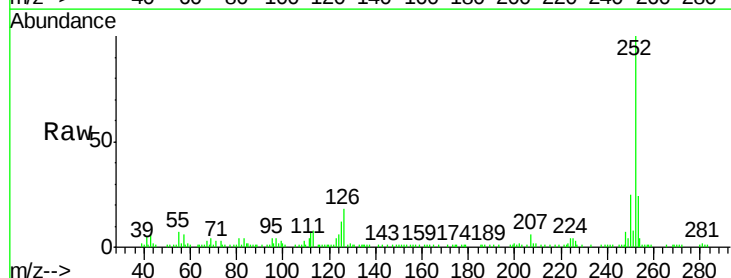
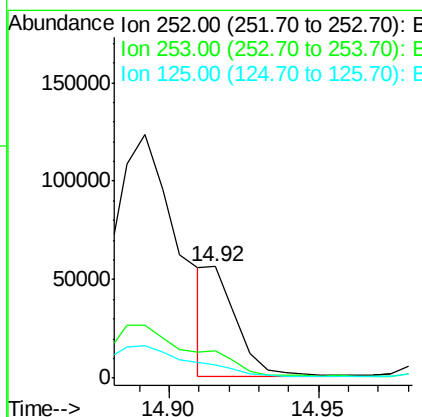
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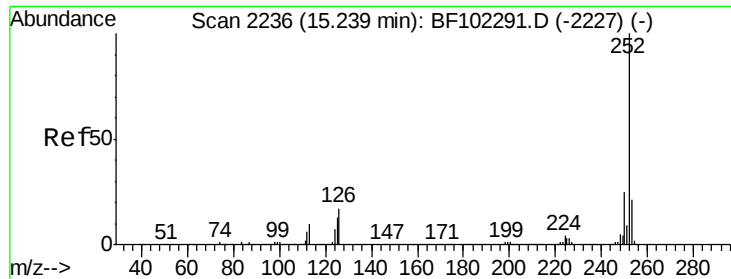
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#88
Benzo(k)fluoranthene
Concen: 2.855 ng m
RT: 14.92 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.9	26.9
125	12.4	10.2	15.2





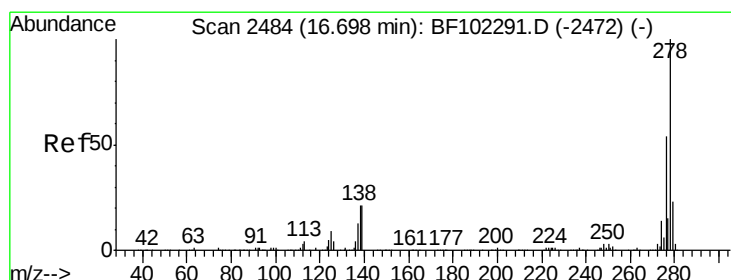
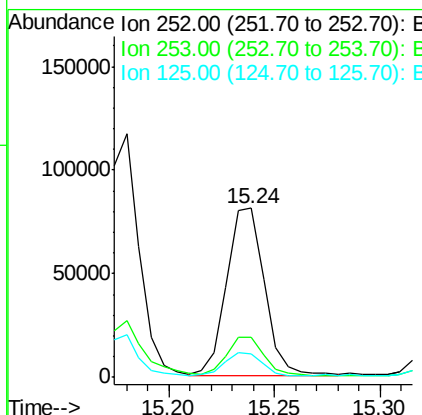
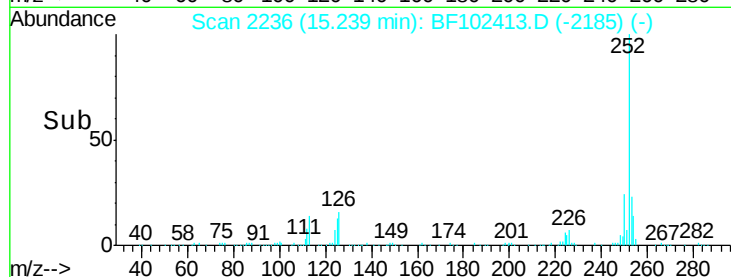
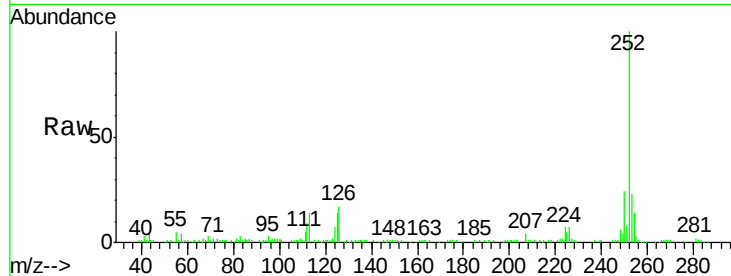
#89
Benzo(a)pyrene
Concen: 7.663 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Instrument :
BNA_F
ClientSampled :
30-2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	14.1	9.8	14.6

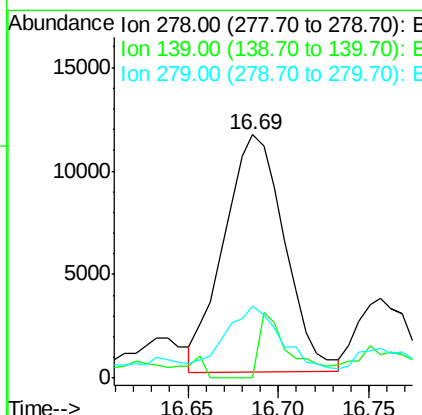
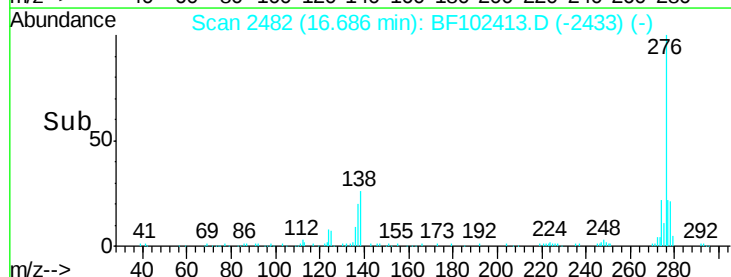
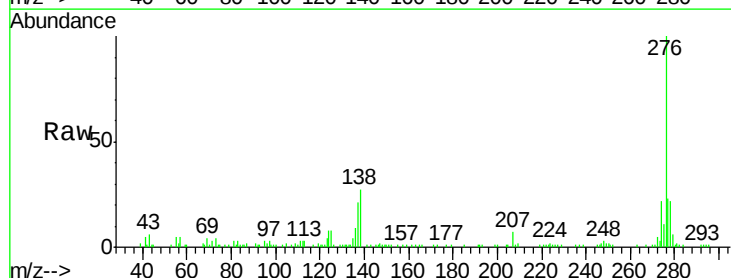
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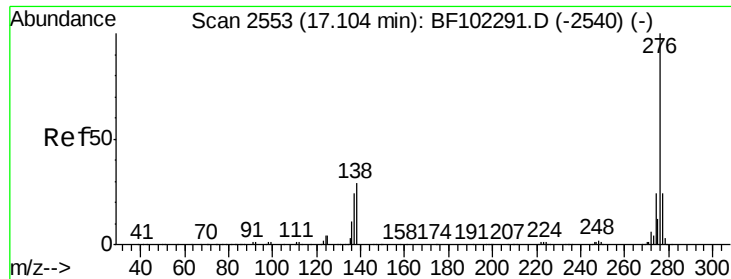
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#90
Dibenzo(a,h)anthracene
Concen: 2.486 ng
RT: 16.69 min Scan# 2482
Delta R.T. -0.01 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	15.9	23.9#
279	29.6	19.0	28.4#





#91
 Benzo(g,h,i)perylene
 Concen: 11.379 ng
 RT: 17.10 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: BF102413.D
 Acq: 25 Jan 2018 1:55

Instrument :
 BNA_F
 ClientSampleId :
 30-2

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100				
277	23.4	17.9	26.9		
138	26.7	21.8	32.8		

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