

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\
 Data File : BF102574.D
 Acq On : 28 Jan 2018 22:51
 Operator : SJ/JU
 Sample : J1290-12 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-50-0-2.0

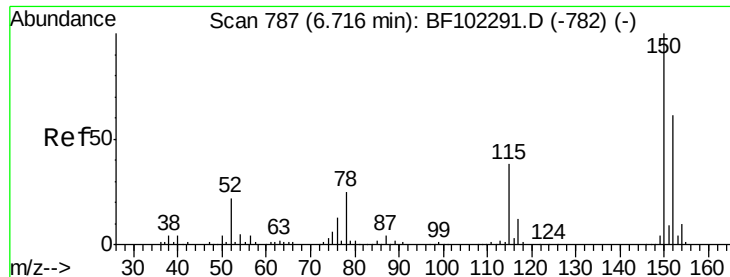
Manual Integrations
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Quant Time: Jan 29 05:43:13 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	172445	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	653806	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	246525	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	339903	20.00	ng	0.00
75) Chrysene-d12	13.88	240	309700	20.00	ng	0.00
86) Perylene-d12	15.32	264	221021	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	666572	58.61	ng	0.00
7) Phenol-d6	6.36	99	801322	58.44	ng	0.00
23) Nitrobenzene-d5	7.28	82	449644	39.52	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	99385	40.69	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	651144	38.84	ng	0.00
78) Terphenyl-d14	12.82	244	428115	31.16	ng	0.00
Target Compounds						
10) Phenol	6.37	94	37230	2.487	ng	85
49) Dimethylphthalate	9.47	163	87546	4.296	ng	99
70) Phenanthrene	11.26	178	121056	6.112	ng	98
74) Fluoranthene	12.45	202	233359	11.553	ng	96
77) Pyrene	12.68	202	228031	9.523	ng	98
80) Benzo(a)anthracene	13.87	228	118929m	6.237	ng	
82) Chrysene	13.90	228	117106m	6.048	ng	
85) Indeno(1,2,3-cd)pyrene	16.72	276	36302	2.270	ng	94
87) Benzo(b)fluoranthene	14.90	252	115601m	8.070	ng	
88) Benzo(k)fluoranthene	14.93	252	28167m	2.081	ng	
89) Benzo(a)pyrene	15.25	252	70414	5.450	ng	# 90
91) Benzo(a,h,i)perylene	17.14	276	35045	3.391	ng	# 87

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



#1

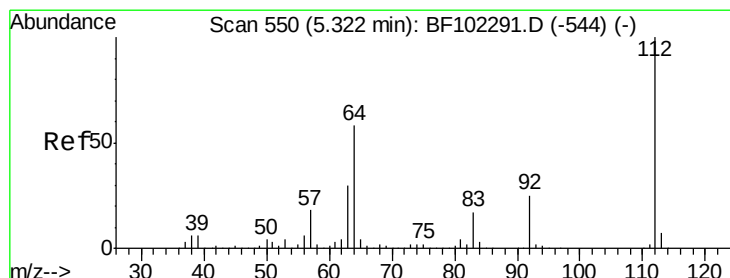
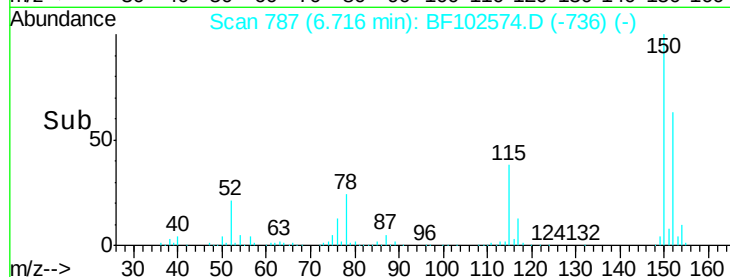
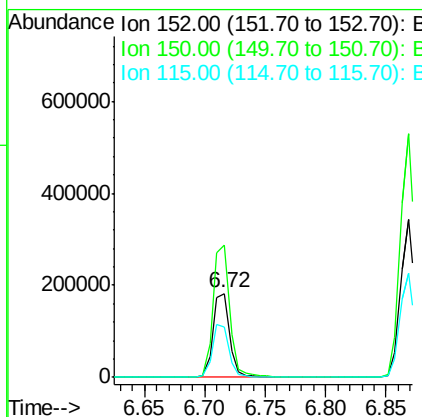
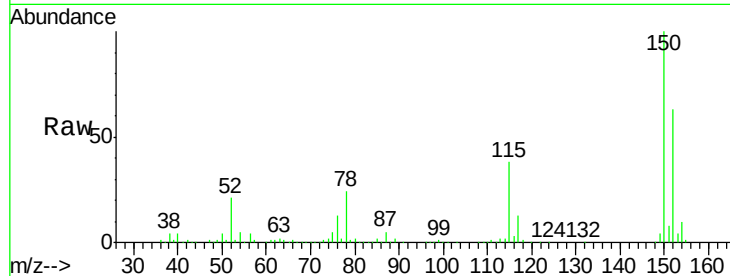
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :
SB-50-0-2.0

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	60.8	50.1	75.1

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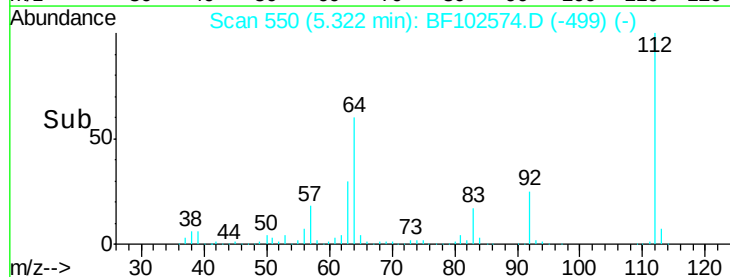
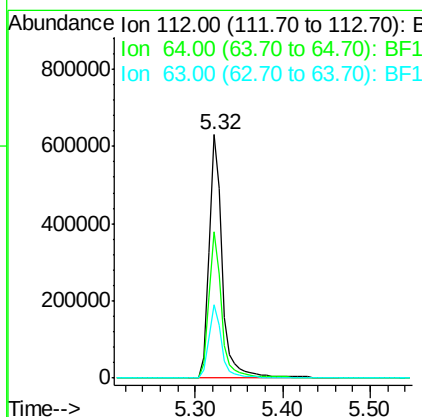
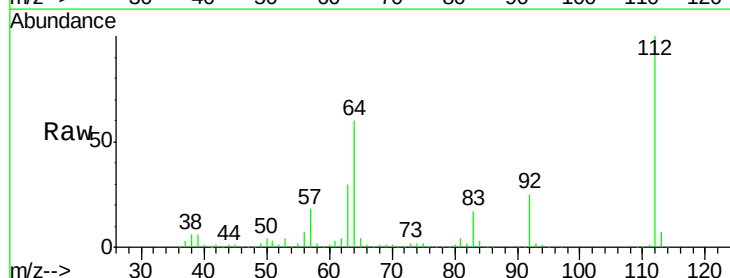
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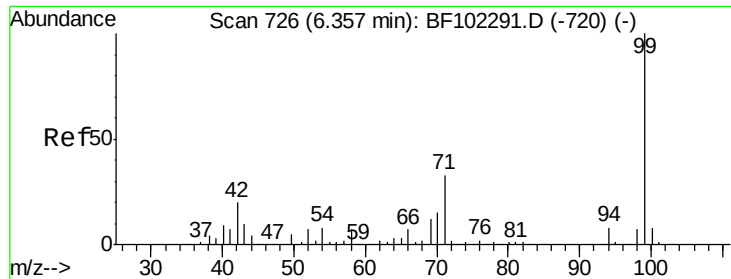


#5

2-Fluorophenol
Concen: 58.610 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	47.9	71.9
63	29.9	23.7	35.5





#7

Phenol-d6

Concen: 58.443 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102574.D

Acq: 28 Jan 2018 22:51

Instrument :

BNA_F

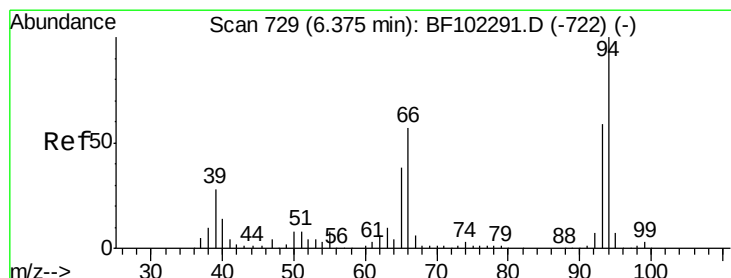
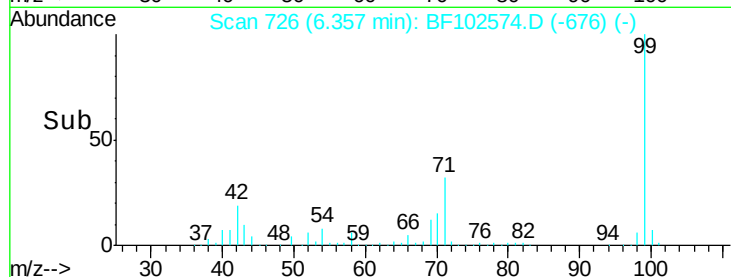
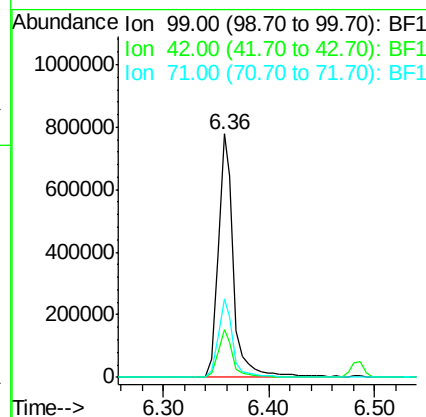
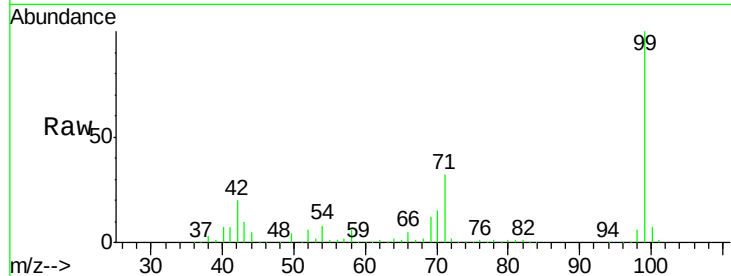
ClientSampled :

SB-50-0-2.0

Tot Ion:	99	Resp:	801322
Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	32.3	25.4	38.0

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#10

Phenol

Concen: 2.487 ng

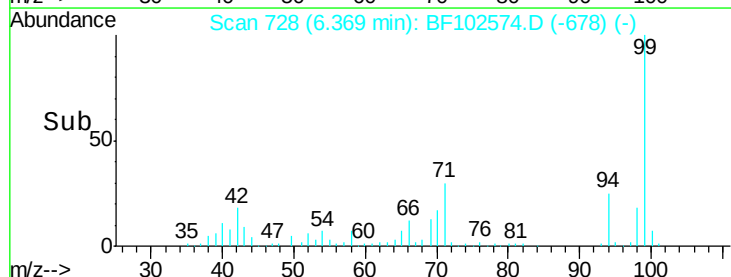
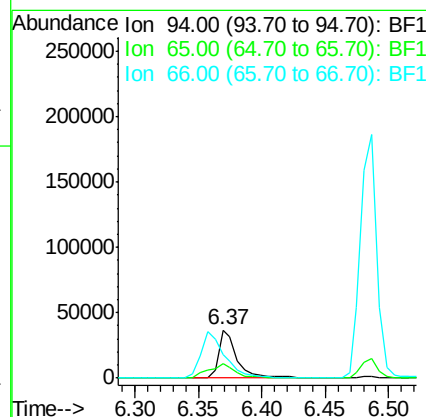
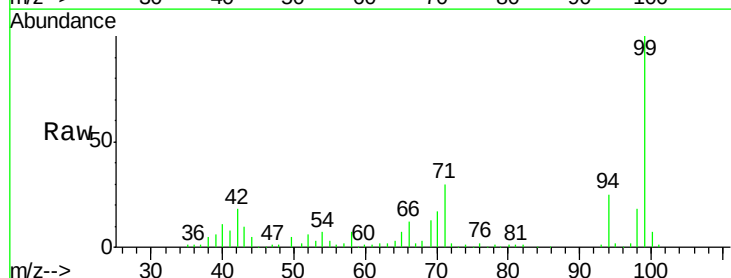
RT: 6.37 min Scan# 728

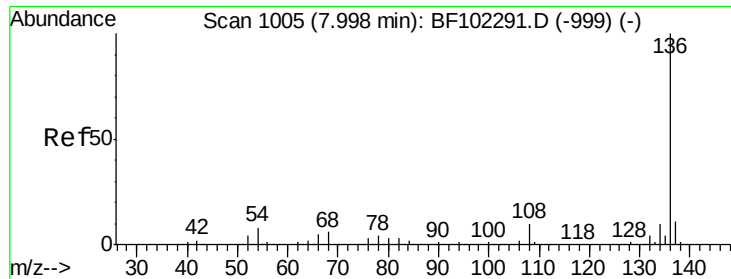
Delta R.T. -0.01 min

Lab File: BF102574.D

Acq: 28 Jan 2018 22:51

Tgt Ion:	94	Resp:	37230
Ion	Ratio	Lower	Upper
94	100		
65	30.1	7.9	47.9
66	49.8	16.2	56.2





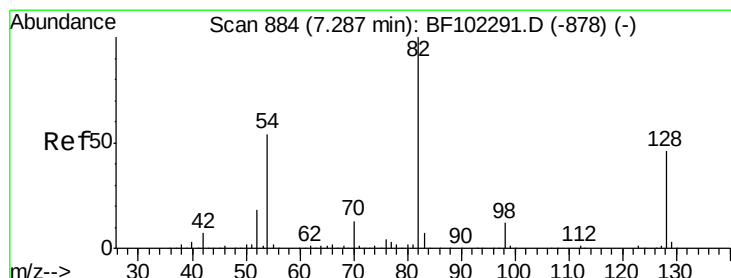
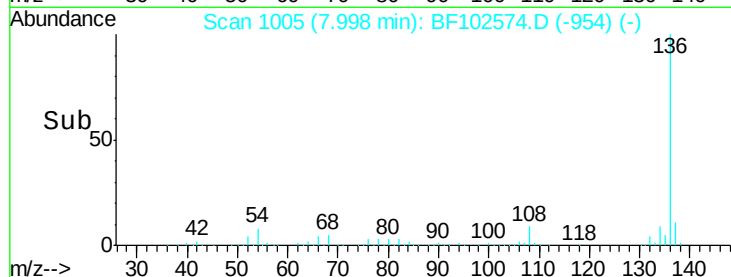
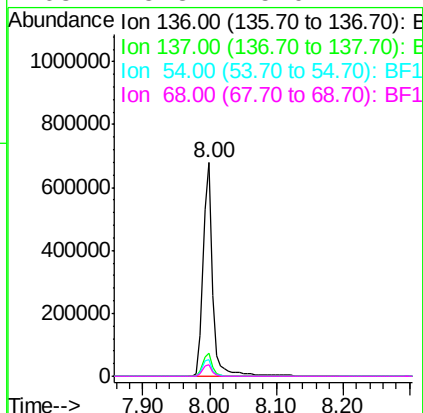
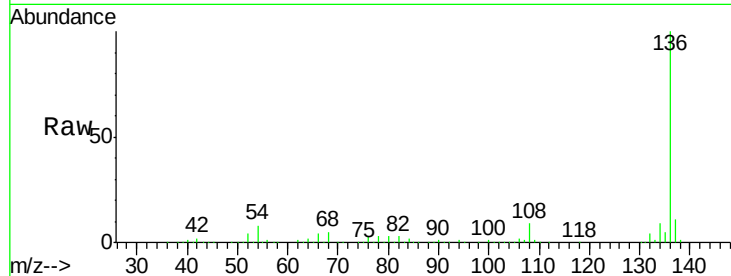
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :
SB-50-0-2.0

Tot Ion	Ratio	Resp	Lower	Upper
136	100	653806		
137	10.6		8.9	13.3
54	7.9		6.6	9.8
68	5.3		5.0	7.4

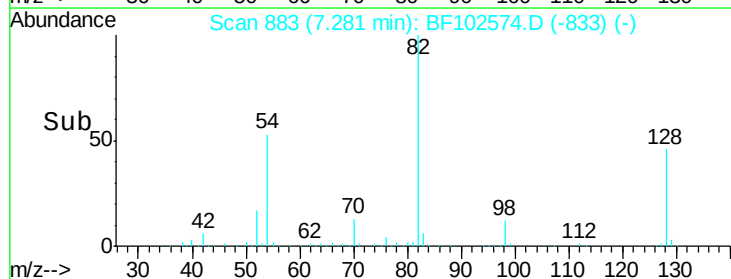
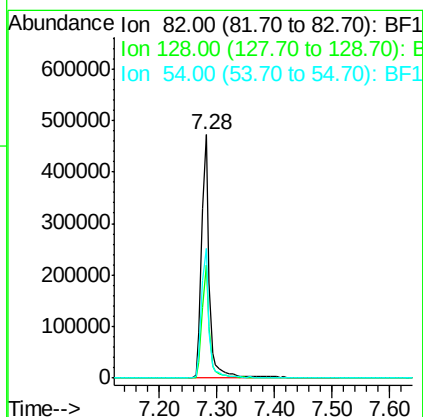
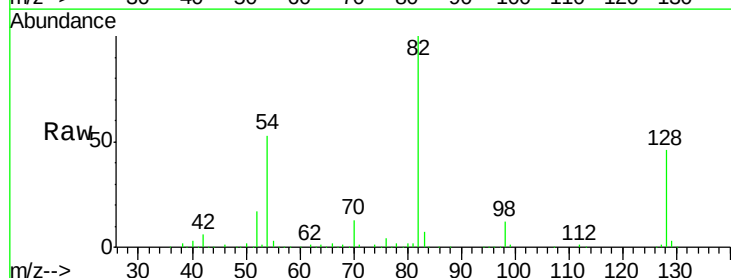
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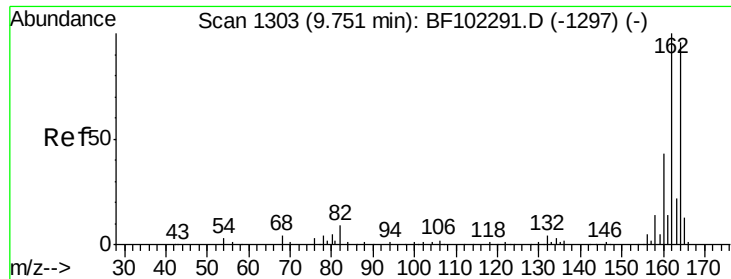
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#23
Nitrobenzene-d5
Concen: 39.522 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	449644		
128	46.3		36.1	54.1
54	53.1		41.4	62.2





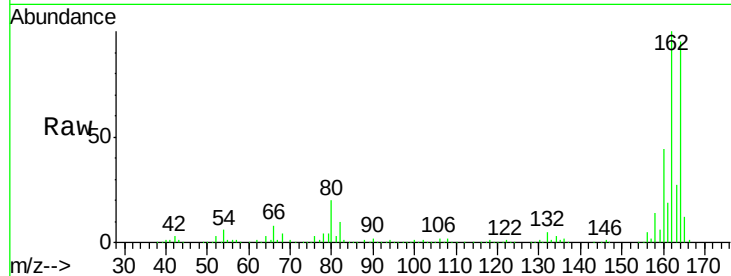
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF102574.D
 Acq: 28 Jan 2018 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-50-0-2.0

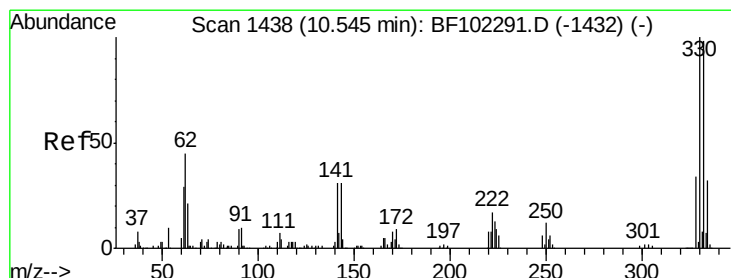
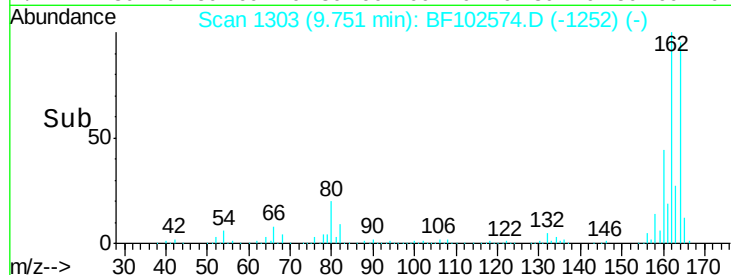
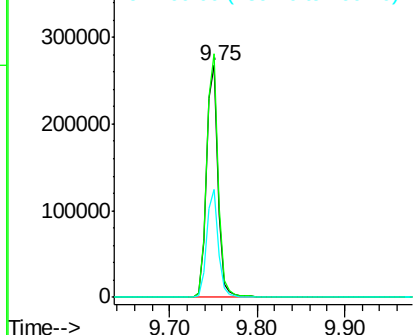
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.2	86.1	129.1	
160	46.5	38.3	57.5	

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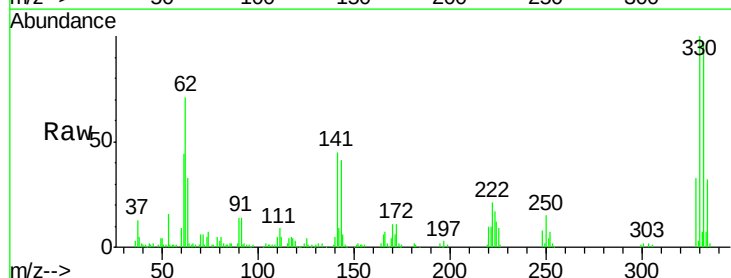


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

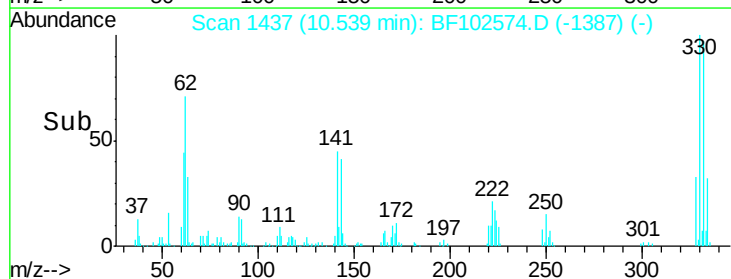
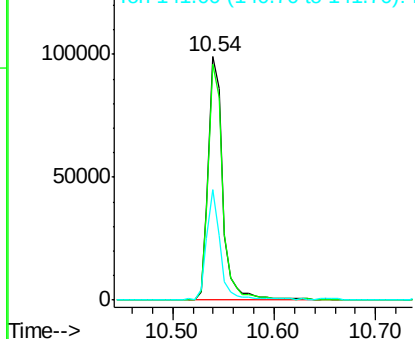


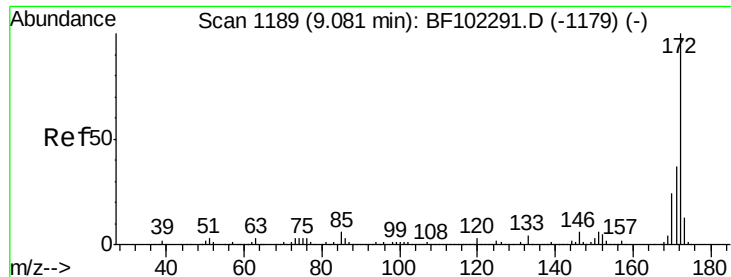
#41
 2,4,6-Tribromophenol
 Concen: 40.686 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102574.D
 Acq: 28 Jan 2018 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	77.0	115.6	
141	43.6	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





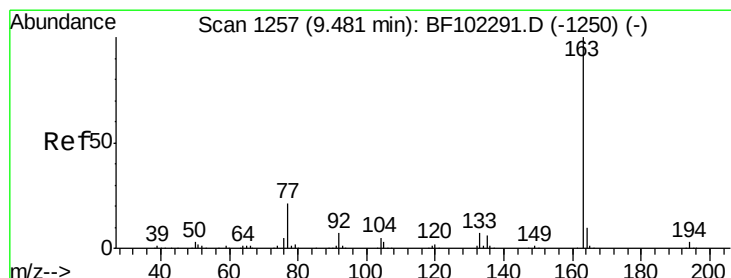
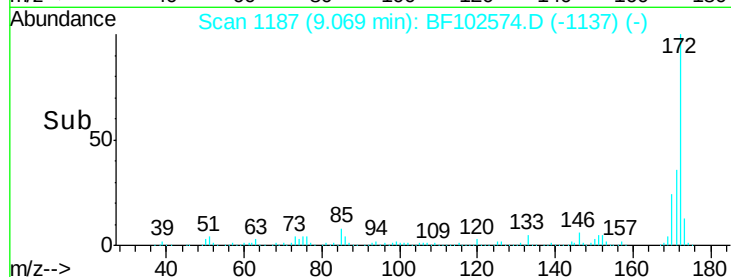
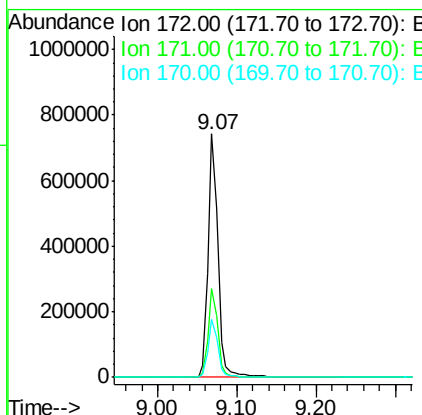
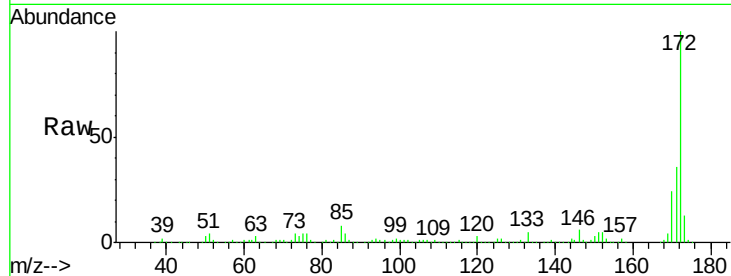
#44
2-Fluorobiphenyl
Concen: 38.836 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Instrument :
BNA_F
ClientSampled :
SB-50-0-2.0

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.9	19.6	29.4

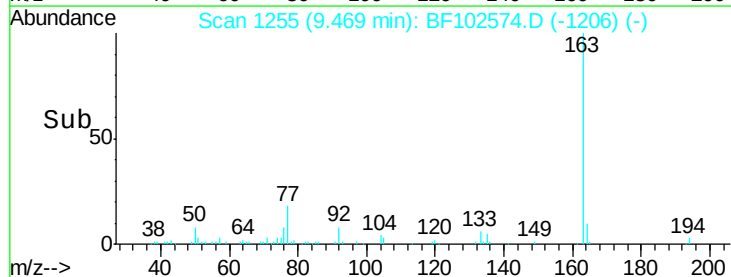
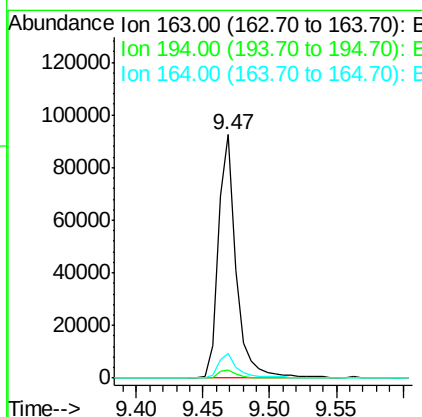
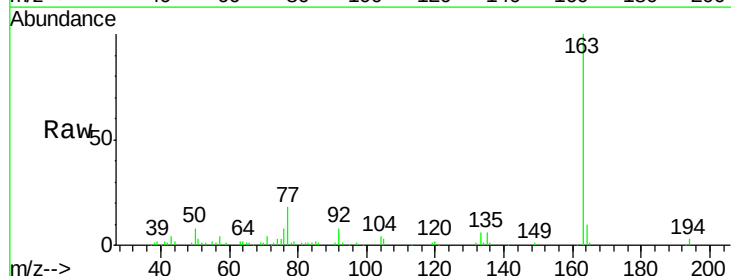
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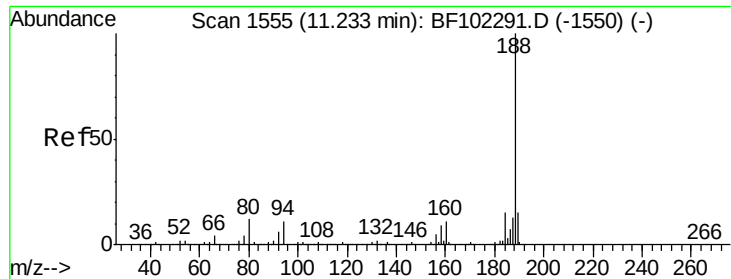
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#49
Dimethylphthalate
Concen: 4.296 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	10.0	8.2	12.2





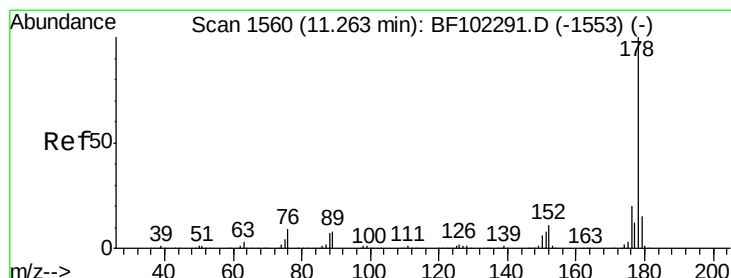
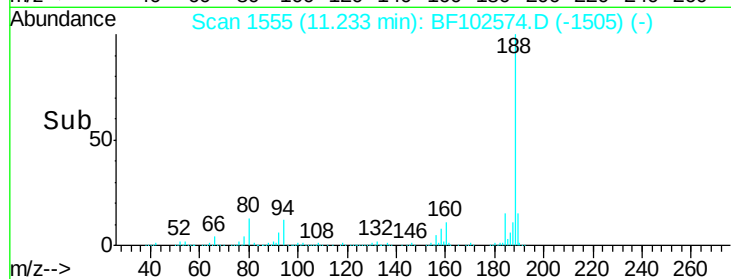
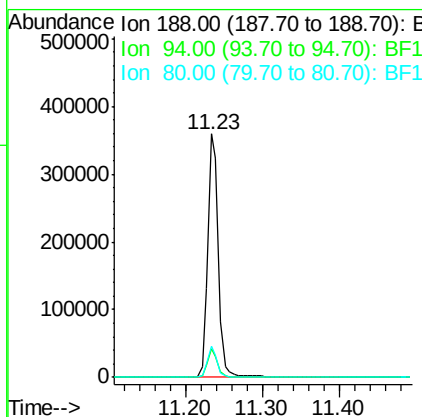
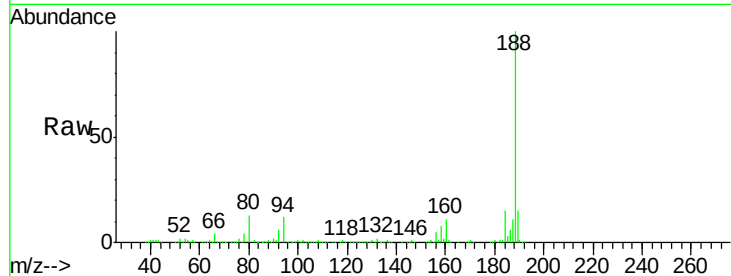
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :
SB-50-0-2.0

Tot Ion	Ratio	Resp	Lower	Upper
188	100	339903		
94	11.6		8.5	12.7
80	12.7		9.2	13.8

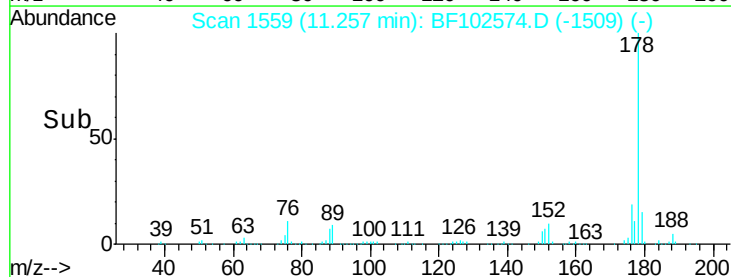
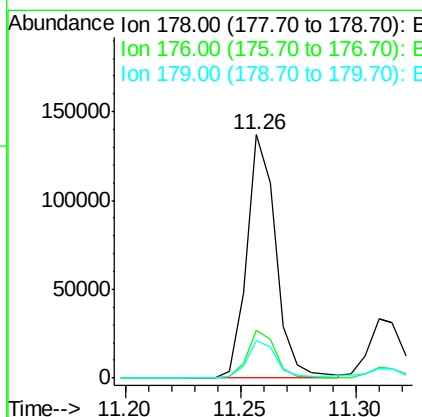
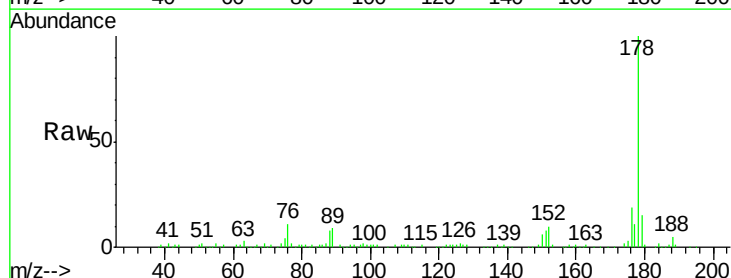
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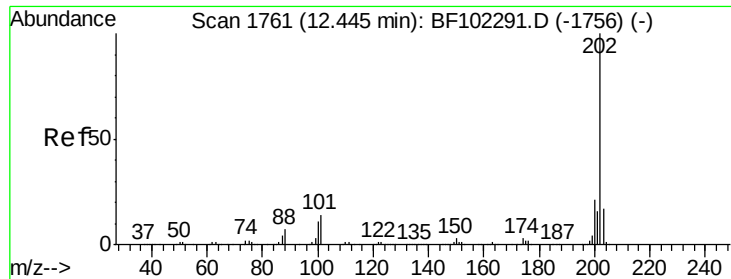
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#70
Phenanthrene
Concen: 6.112 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	121056		
176	19.5		15.8	23.8
179	15.2		13.0	19.6





#74

Fluoranthene

Concen: 11.553 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF102574.D

Acq: 28 Jan 2018 22:51

Instrument :

BNA_F

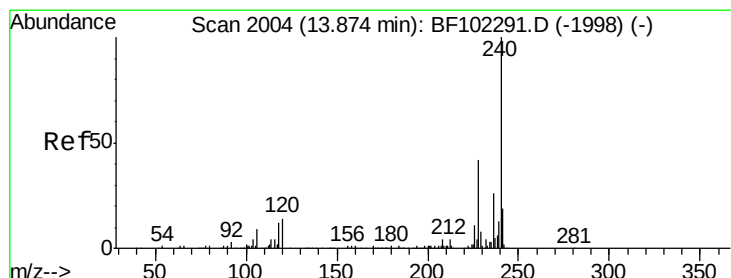
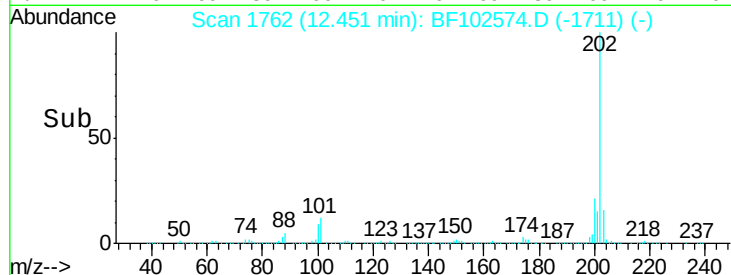
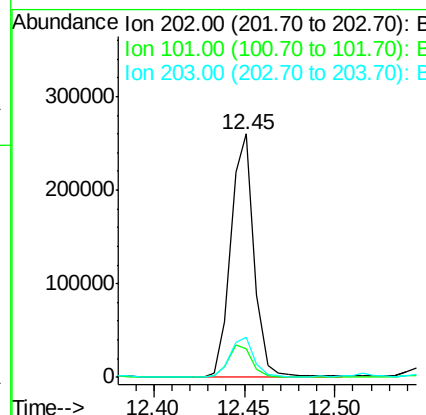
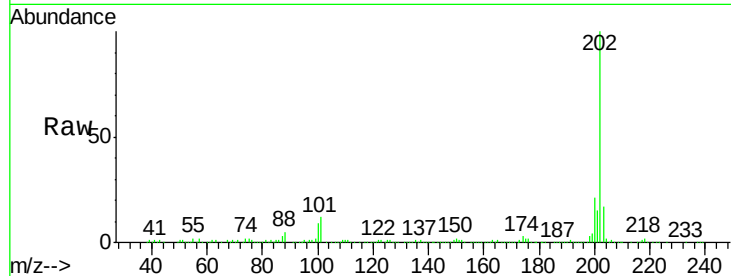
ClientSampleId :

SB-50-0-2.0

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.9	0.0	34.1
203	16.6	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

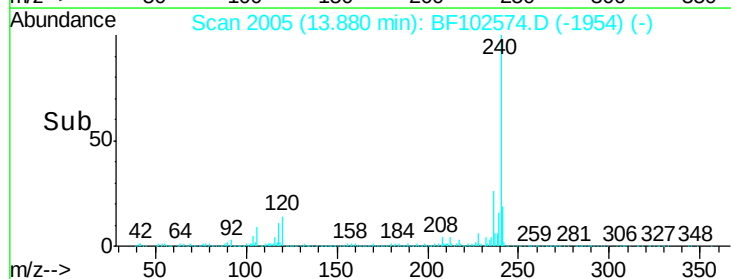
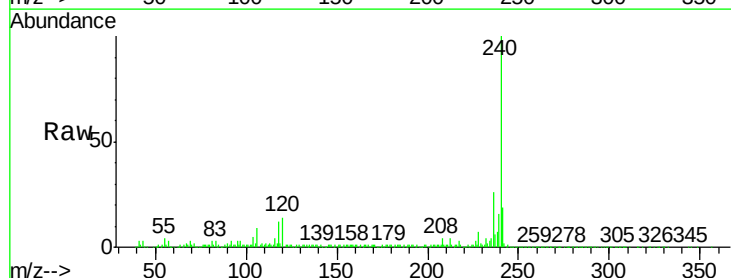
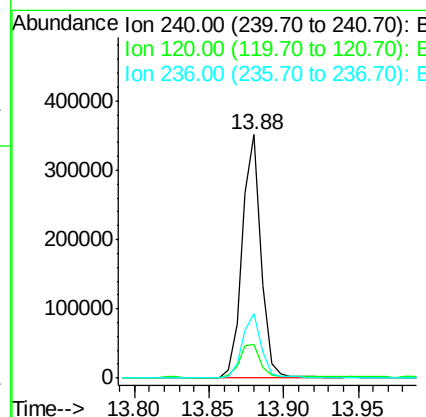
RT: 13.88 min Scan# 2005

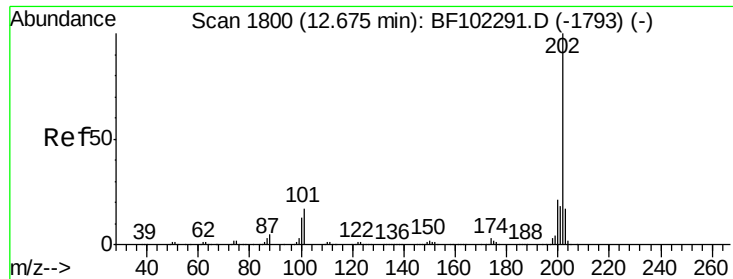
Delta R.T. 0.00 min

Lab File: BF102574.D

Acq: 28 Jan 2018 22:51

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.0	9.5	14.3
236	26.2	20.7	31.1





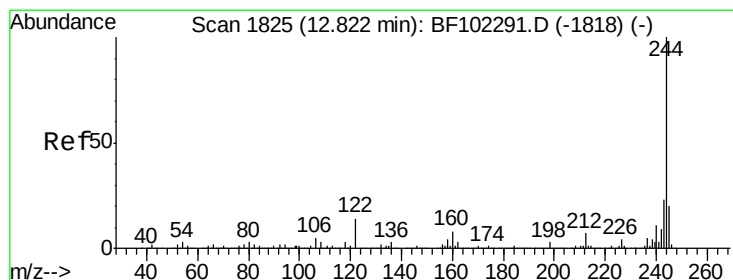
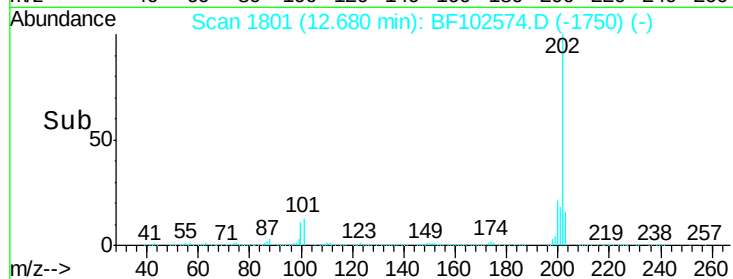
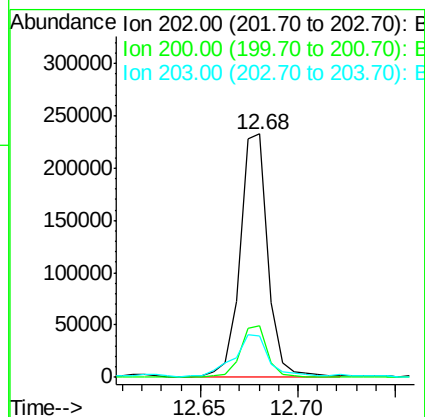
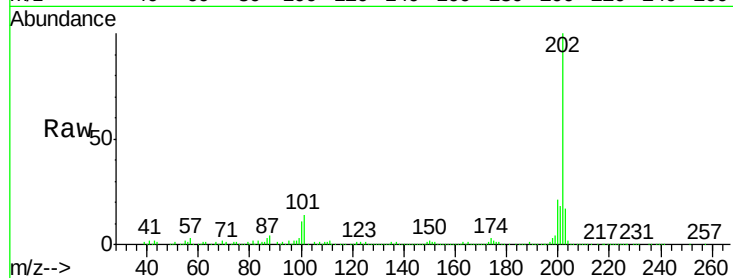
#77
Pvrene
Concen: 9.523 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :
SB-50-0-2.0

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.4	17.4	26.2
203	16.9	14.3	21.5

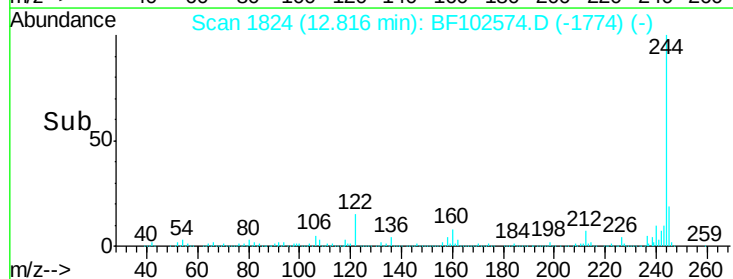
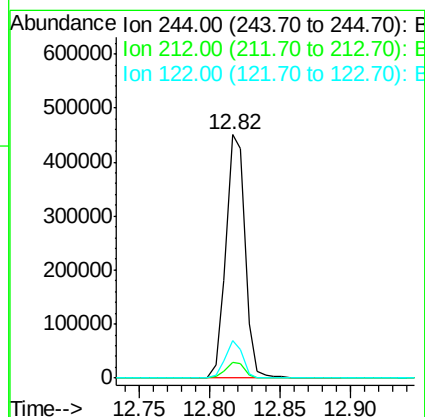
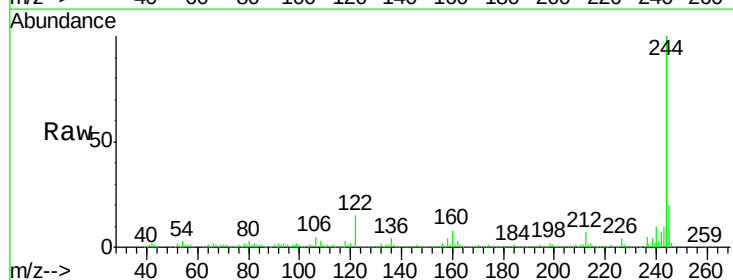
Manual Integrations
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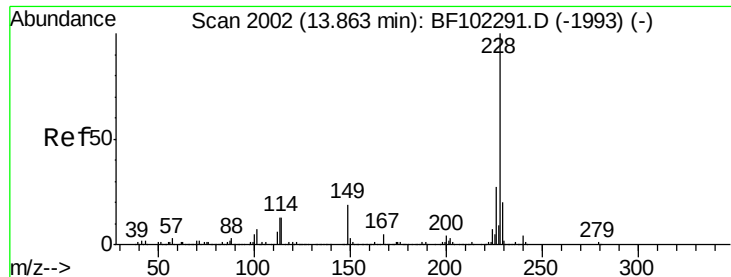
Sohil
1/29/2018 5:48:36 PM



#78
Terphenyl-d14
Concen: 31.163 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.7	5.4	8.0
122	15.4	11.0	16.4





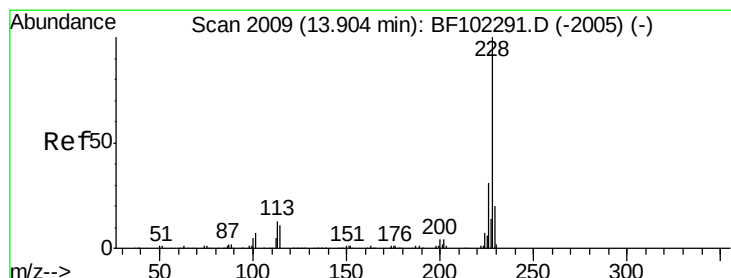
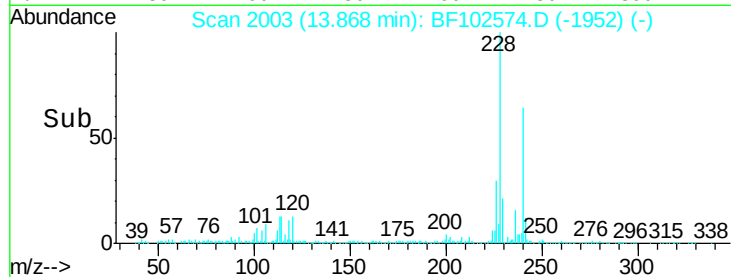
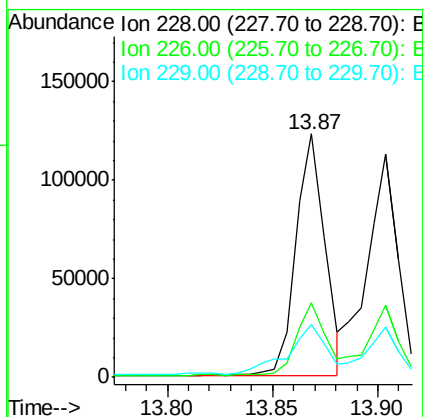
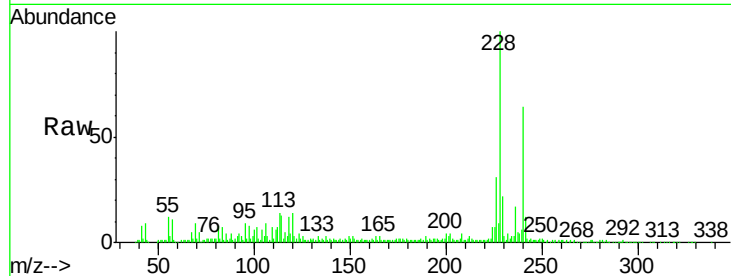
#80
Benzo(a)anthracene
Concen: 6.237 ng m
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :
SB-50-0-2.0

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.6	33.8
229	21.6	15.8	23.6

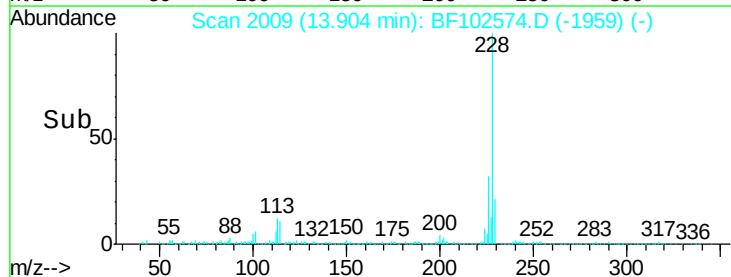
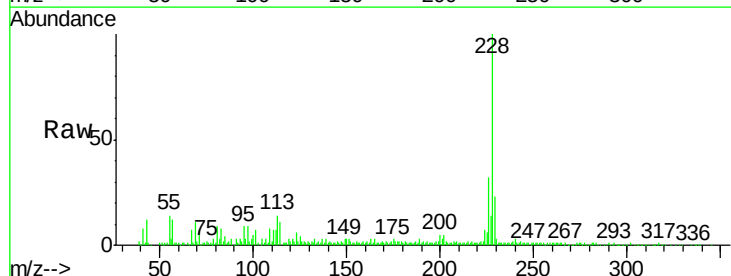
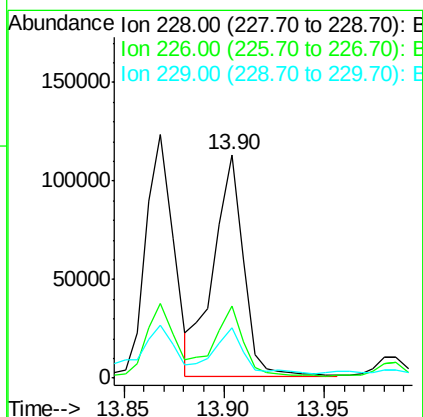
Manual Integrations
APPROVED

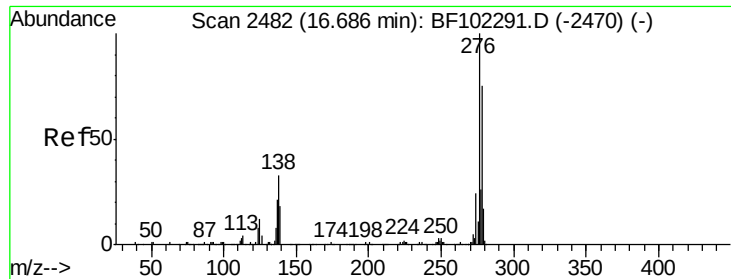
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#82
Chrysene
Concen: 6.048 ng m
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.0	37.6
229	22.7	16.2	24.4





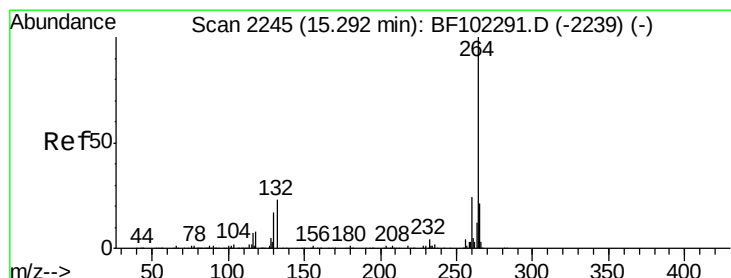
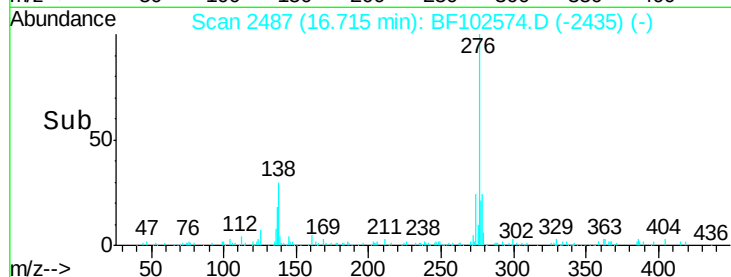
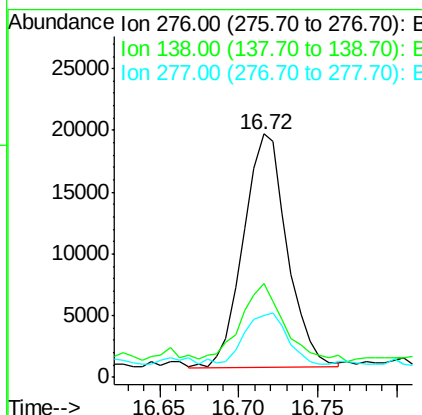
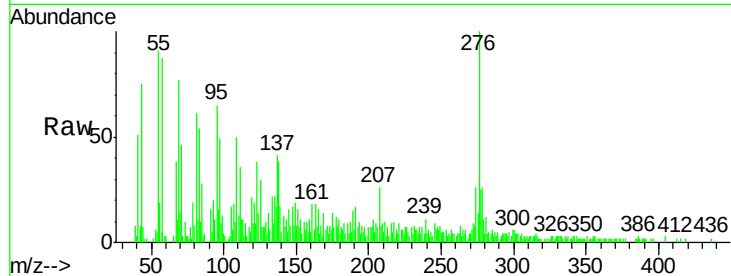
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.270 ng
RT: 16.72 min Scan# 2487
Delta R.T. 0.01 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Instrument :
BNA_F
ClientSampled :
SB-50-0-2.0

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.5	25.0	37.6
277	21.1	20.1	30.1

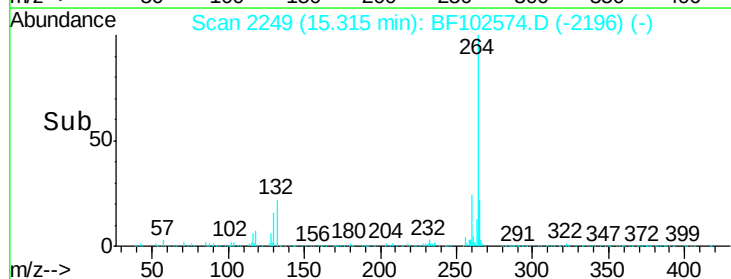
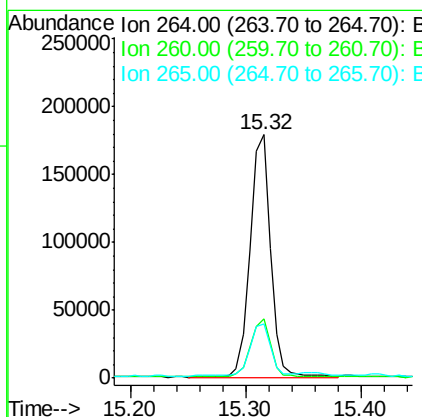
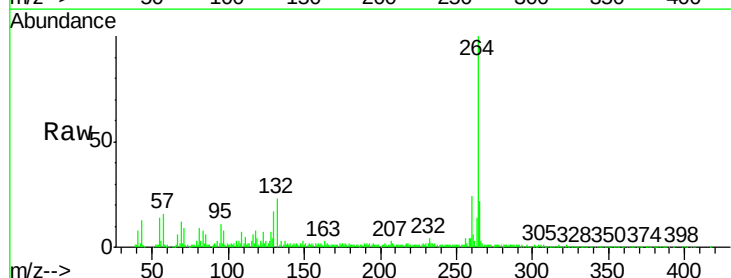
Manual Integrations
APPROVED

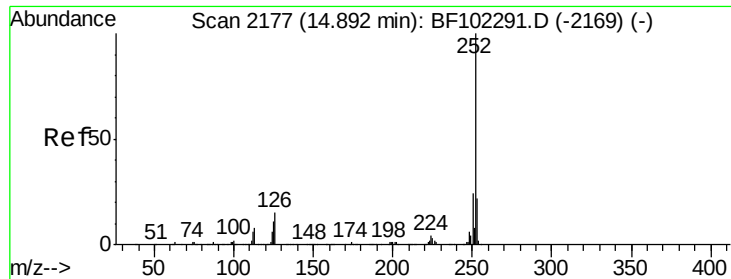
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 8.070 ng m

RT: 14.90 min Scan# 2179

Delta R.T. 0.01 min

Lab File: BF102574.D

Acq: 28 Jan 2018 22:51

Instrument :

BNA_F

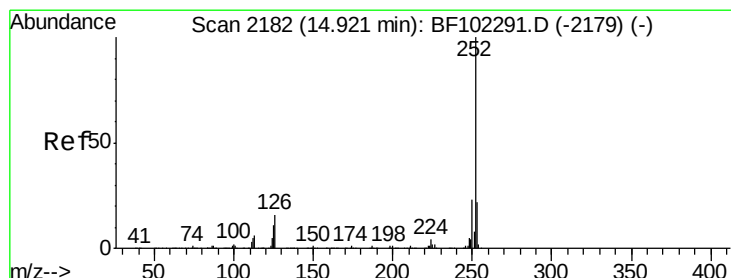
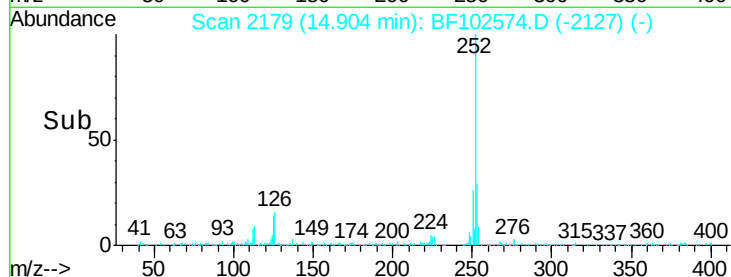
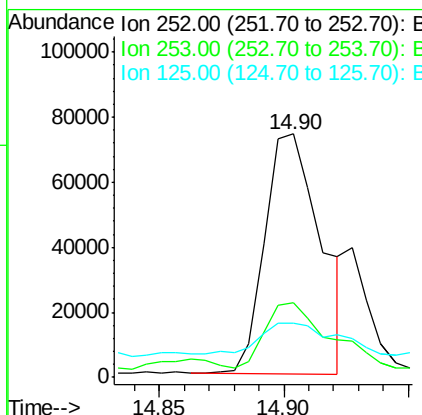
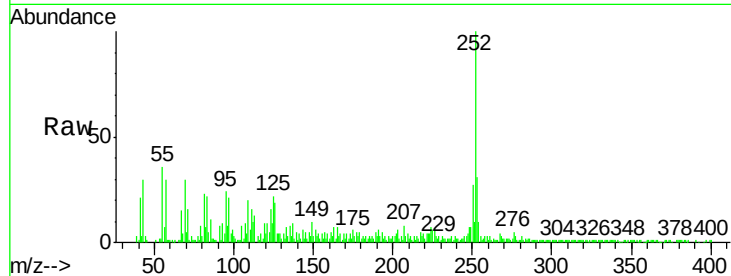
ClientSampled :

SB-50-0-2.0

Tot Ion:	252	Resp:	115601
Ion Ratio	Lower	Upper	
252	100		
253	30.9	17.0	25.6#
125	22.5	9.0	13.6#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 2.081 ng m

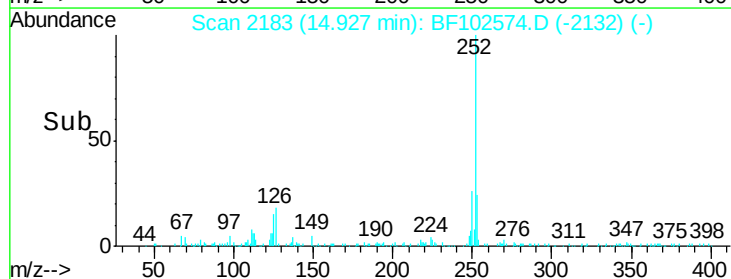
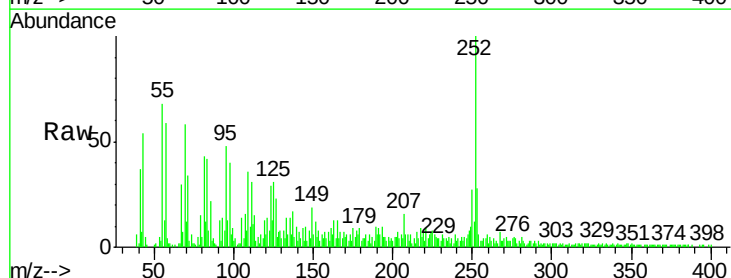
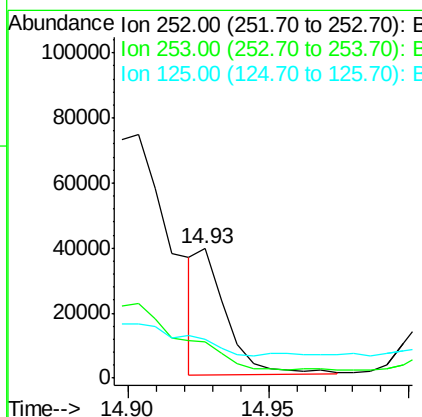
RT: 14.93 min Scan# 2183

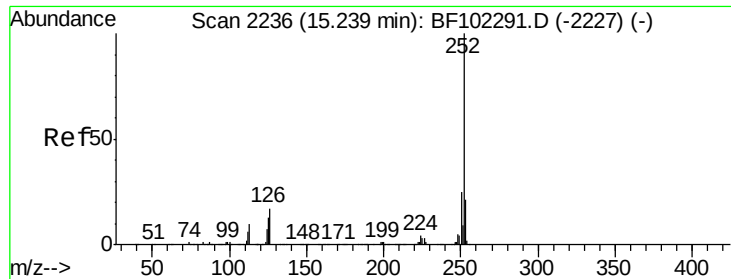
Delta R.T. 0.00 min

Lab File: BF102574.D

Acq: 28 Jan 2018 22:51

Tgt Ion:	252	Resp:	28167
Ion Ratio	Lower	Upper	
252	100		
253	27.9	17.9	26.9#
125	30.5	10.2	15.2#





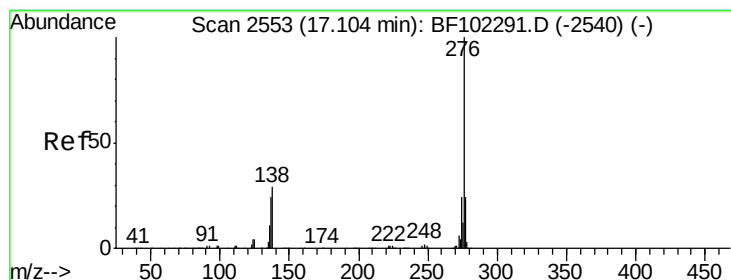
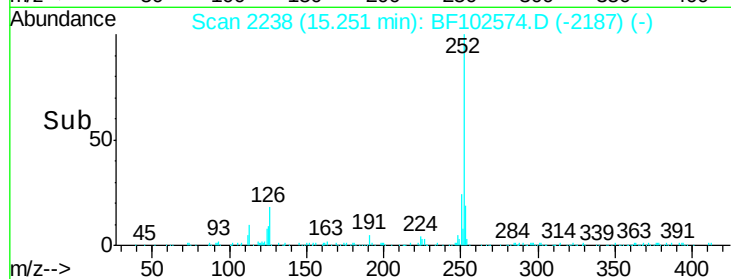
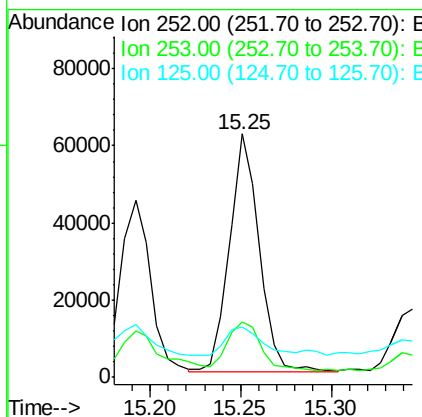
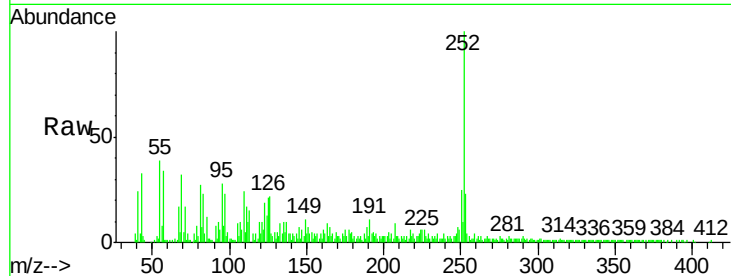
#89
Benzo(a)pyrene
Concen: 5.450 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Instrument :
BNA_F
ClientSampled :
SB-50-0-2.0

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	20.9	9.8	14.6

Manual Integrations
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1/29/2018 5:48:36 PM



#91
Benzo(g,h,i)perylene
Concen: 3.391 ng
RT: 17.14 min Scan# 2559
Delta R.T. 0.01 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	38.6	21.8	32.8

