

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\
 Data File : BF102576.D
 Acq On : 28 Jan 2018 23:45
 Operator : SJ/JU
 Sample : J1290-14 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-45-0-2.0

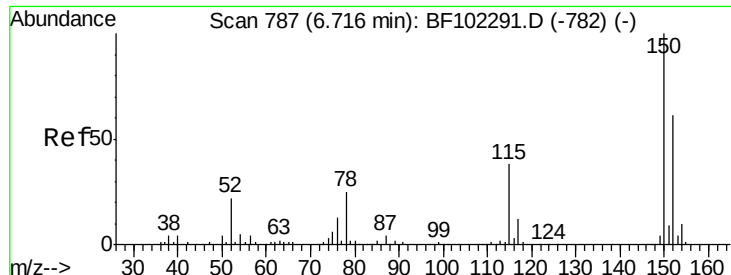
Manual Integrations
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 1/29/2018 5:48:39 PM

Quant Time: Jan 29 06:05:16 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	154835	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	635642	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	257546	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	358345	20.00	ng	0.00
75) Chrysene-d12	13.88	240	300147	20.00	ng	0.00
86) Perylene-d12	15.32	264	210819	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	558058	54.65	ng	0.00
7) Phenol-d6	6.36	99	674621	54.80	ng	0.00
23) Nitrobenzene-d5	7.28	82	392784	35.51	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	97476	38.20	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	680065	38.83	ng	0.00
78) Terphenyl-d14	12.82	244	440559	33.09	ng	0.00
Target Compounds						
10) Phenol	6.37	94	30897	2.299	ng	Qvalue # 72
49) Dimethylphthalate	9.47	163	102672	4.823	ng	99
70) Phenanthrene	11.26	178	107522	5.149	ng	96
74) Fluoranthene	12.45	202	197287	9.265	ng	97
77) Pyrene	12.68	202	198141	8.538	ng	99
80) Benzo(a)anthracene	13.87	228	108549	5.874	ng	97
82) Chrysene	13.90	228	95588	5.094	ng	95
85) Indeno(1,2,3-cd)pyrene	16.72	276	38795	2.503	ng	97
87) Benzo(b)fluoranthene	14.90	252	113887m	8.335	ng	
88) Benzo(k)fluoranthene	14.93	252	30276m	2.345	ng	
89) Benzo(a)pyrene	15.26	252	70964	5.758	ng	# 90
91) Benzo(a,h,i)perylene	17.15	276	38315	3.887	ng	# 86

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



#1

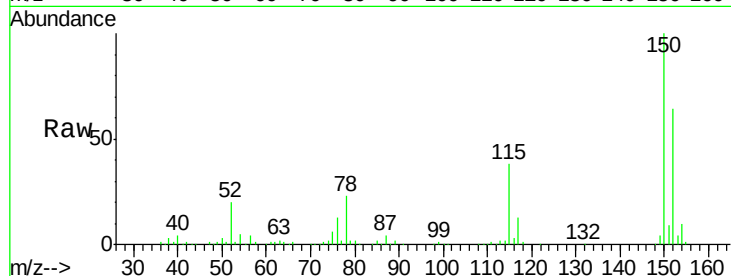
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102576.D
Acq: 28 Jan 2018 23:45

Instrument :
BNA_F
ClientSampleId :
SB-45-0-2.0

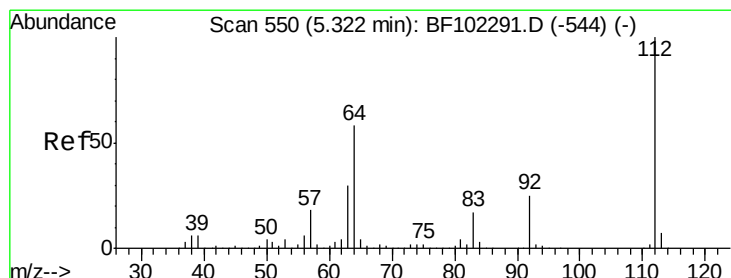
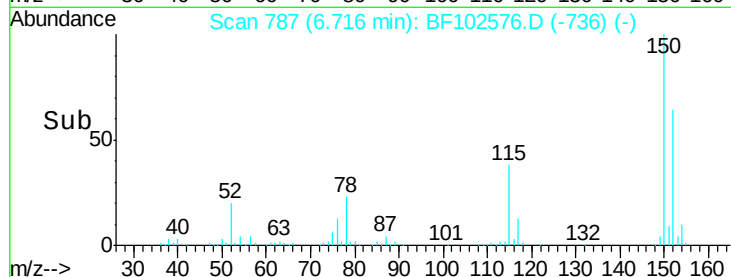
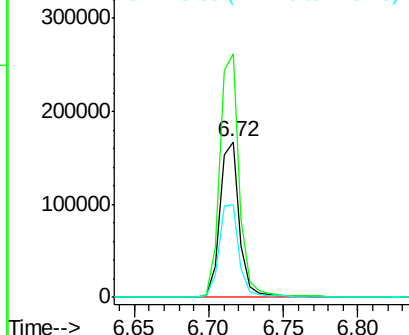
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	59.7	50.1	75.1

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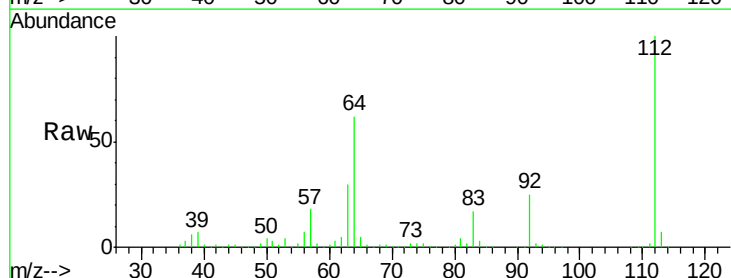
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



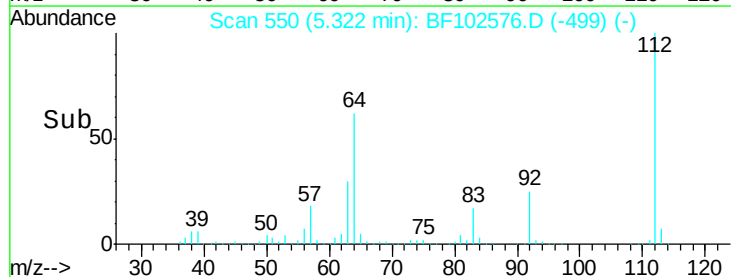
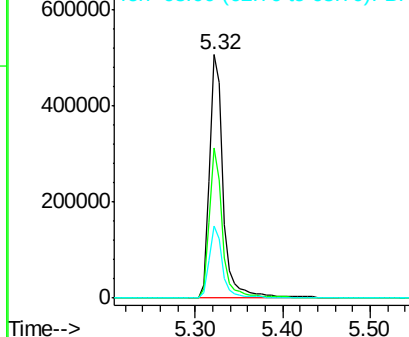
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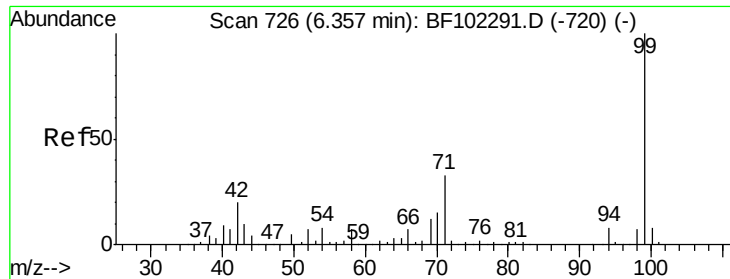
2-Fluorophenol
Concen: 54.649 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF102576.D
Acq: 28 Jan 2018 23:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	47.9	71.9
63	29.9	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 54.798 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102576.D

Acq: 28 Jan 2018 23:45

Instrument :

BNA_F

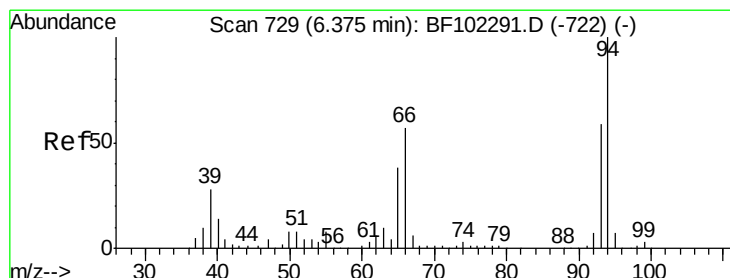
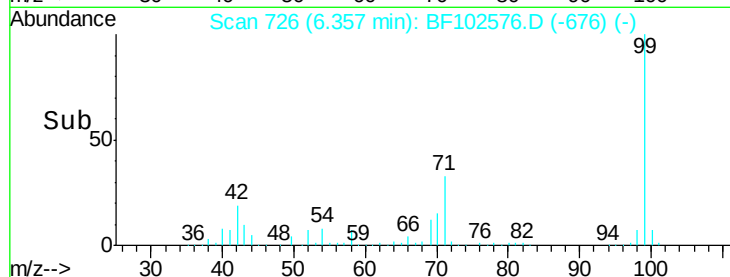
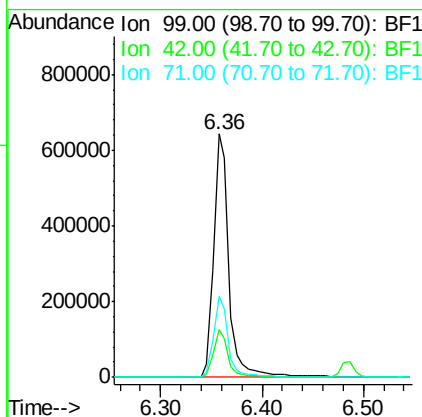
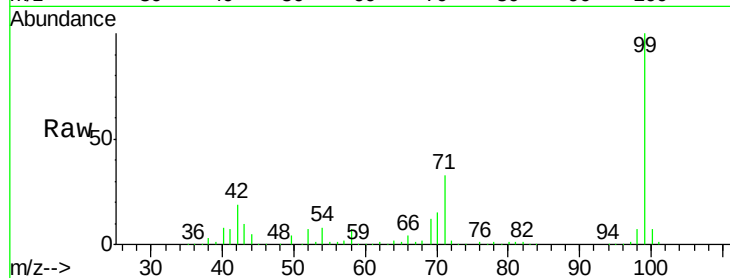
ClientSampled :

SB-45-0-2.0

Tot Ion:	99	Resp:	674621
Ion Ratio	Lower	Upper	
99	100		
42	19.4	14.5	21.7
71	33.3	25.4	38.0

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#10

Phenol

Concen: 2.299 ng

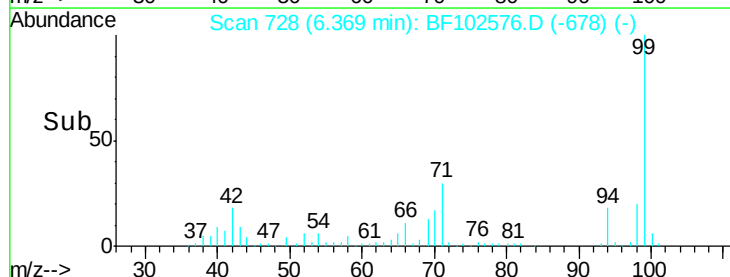
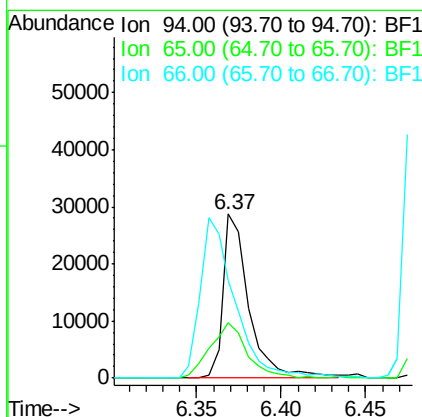
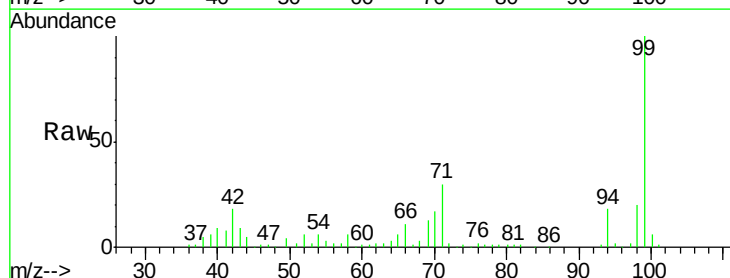
RT: 6.37 min Scan# 728

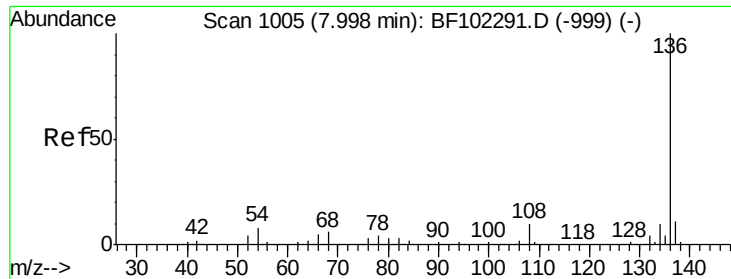
Delta R.T. -0.01 min

Lab File: BF102576.D

Acq: 28 Jan 2018 23:45

Tgt Ion:	94	Resp:	30897
Ion Ratio	Lower	Upper	
94	100		
65	34.2	7.9	47.9
66	59.5	16.2	56.2#





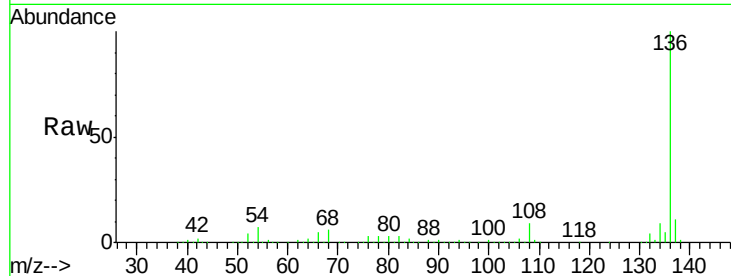
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102576.D
Acq: 28 Jan 2018 23:45

Instrument :
BNA_F
ClientSampleId :
SB-45-0-2.0

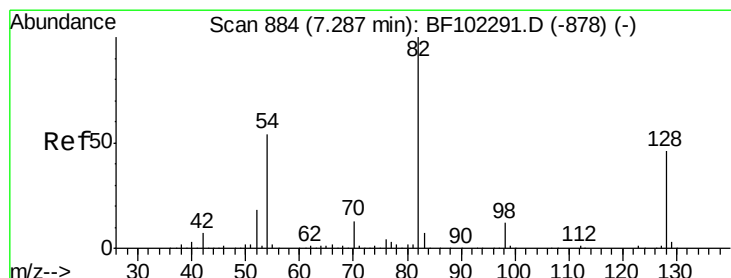
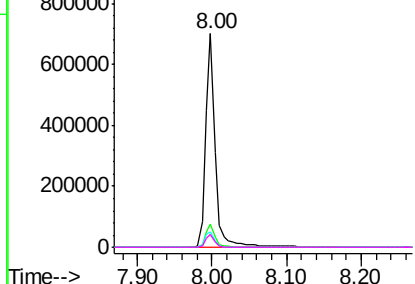
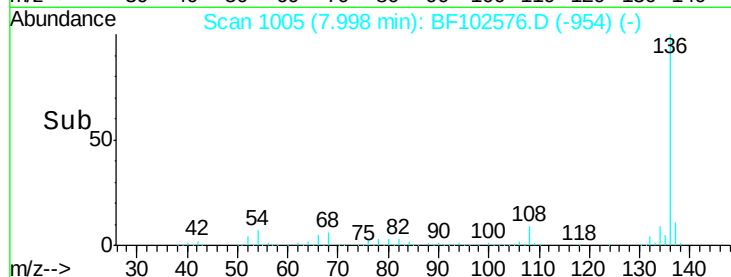
Tot Ion	Ratio	Resp	Lower	Upper
136	100	635642		
137	10.9		8.9	13.3
54	7.5		6.6	9.8
68	5.8		5.0	7.4

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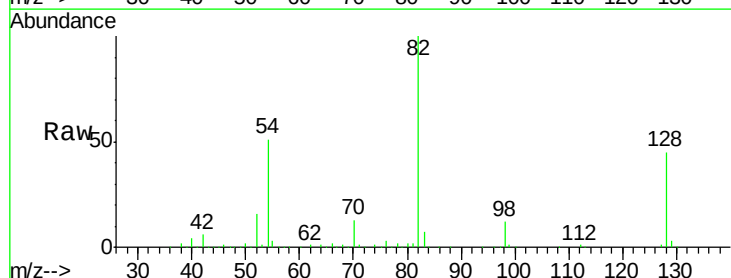


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

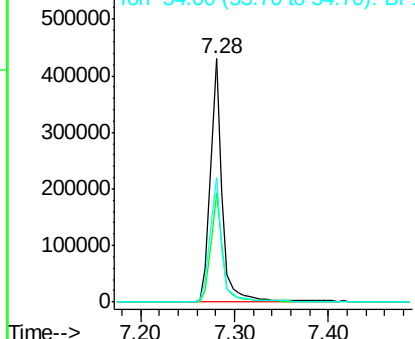
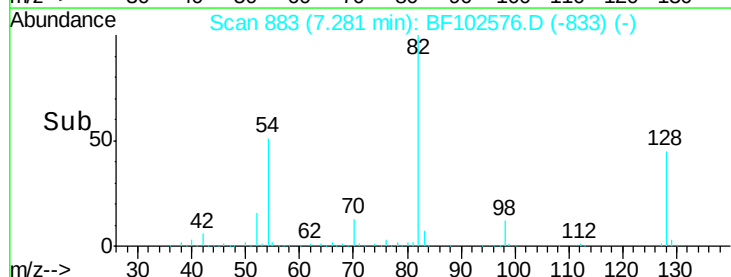


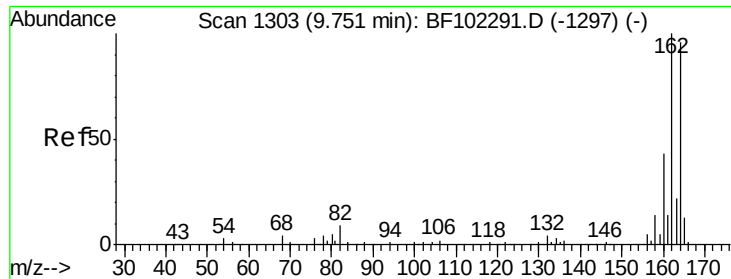
#23
Nitrobenzene-d5
Concen: 35.511 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102576.D
Acq: 28 Jan 2018 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	392784		
128	44.9		36.1	54.1
54	51.4		41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





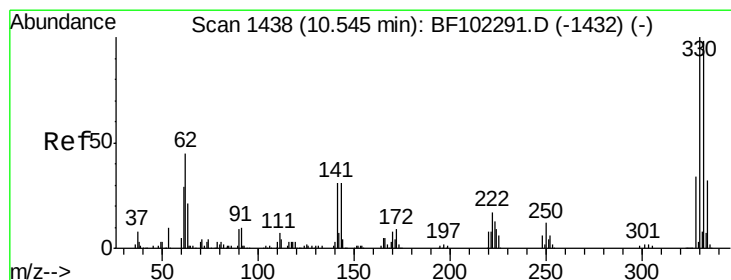
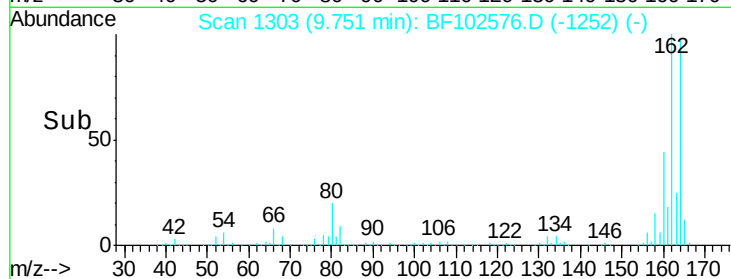
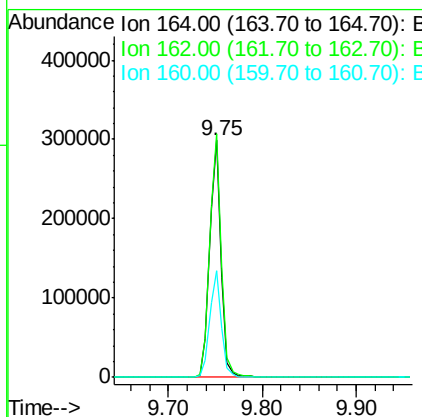
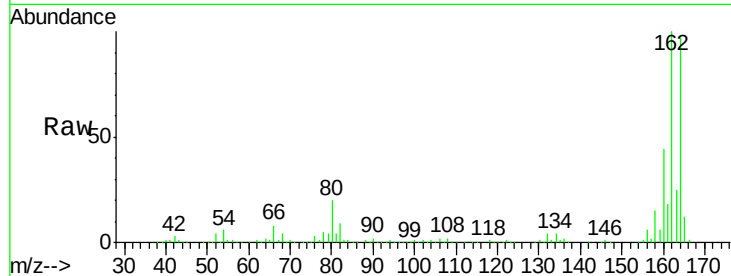
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF102576.D
 Acq: 28 Jan 2018 23:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-45-0-2.0

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	45.1	38.3	57.5

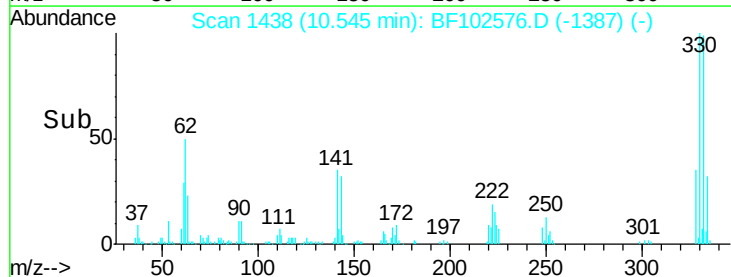
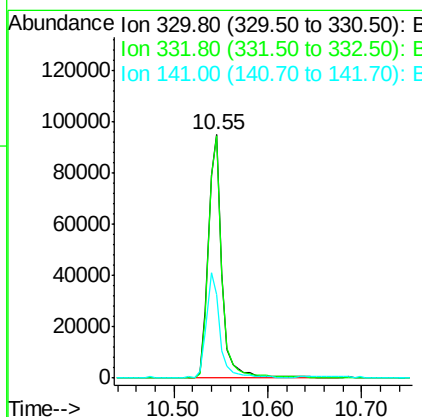
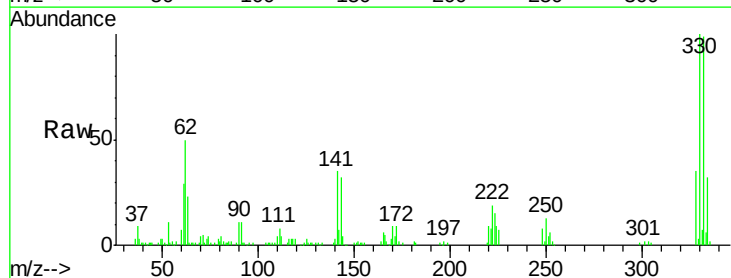
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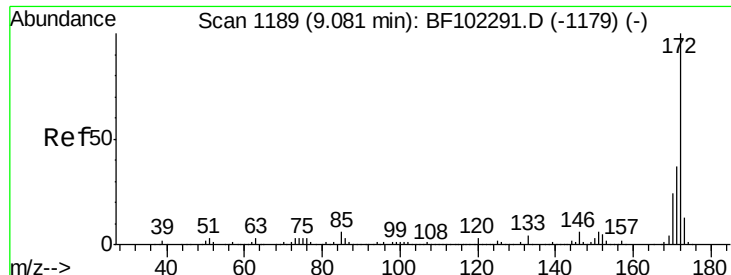
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#41
 2,4,6-Tribromophenol
 Concen: 38.197 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102576.D
 Acq: 28 Jan 2018 23:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.0	115.6
141	43.8	29.9	44.9





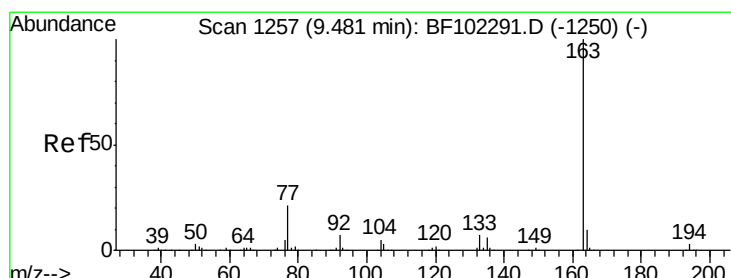
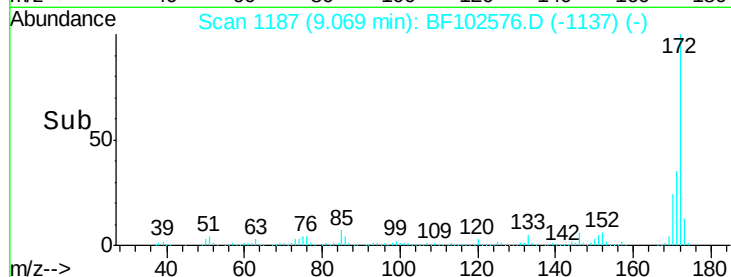
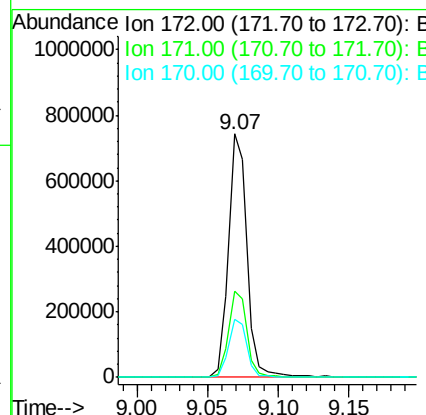
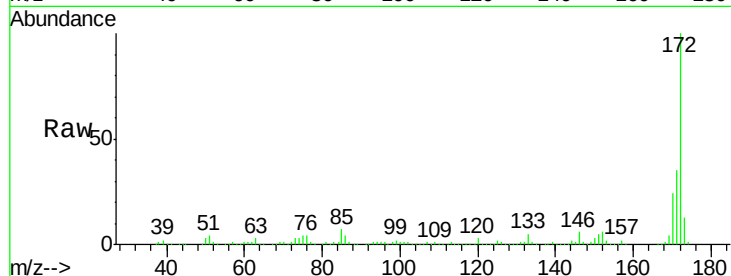
#44
2-Fluorobiphenyl
Concen: 38.826 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF102576.D
Acq: 28 Jan 2018 23:45

Instrument :
BNA_F
ClientSampled :
SB-45-0-2.0

Tot Ion	Ratio	Resp	Lower	Upper
172	100	680065		
171	35.4		29.7	44.5
170	23.9		19.6	29.4

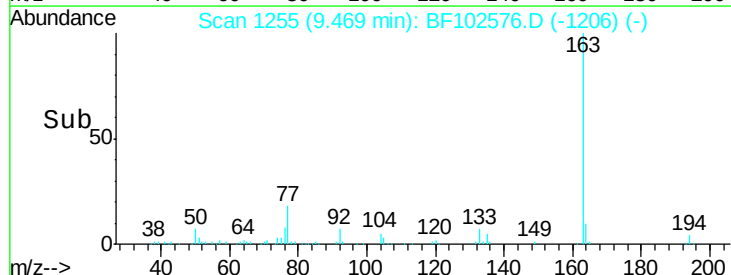
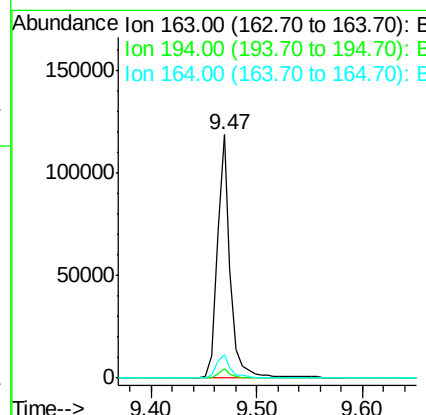
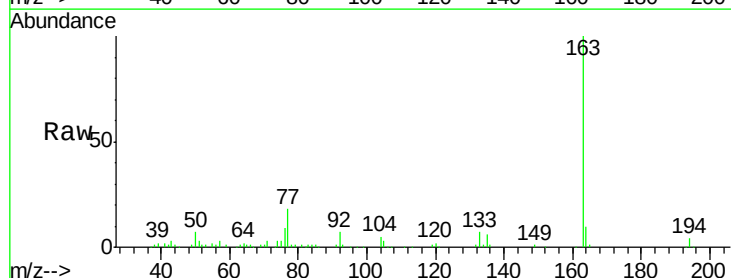
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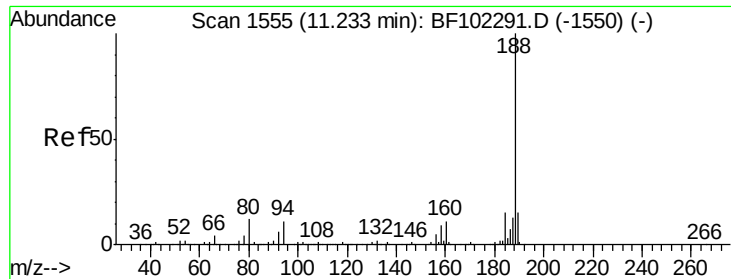
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#49
Dimethylphthalate
Concen: 4.823 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102576.D
Acq: 28 Jan 2018 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	102672		
194	3.8		2.7	4.1
164	9.8		8.2	12.2





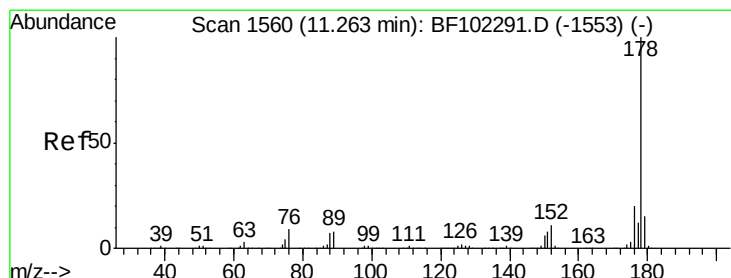
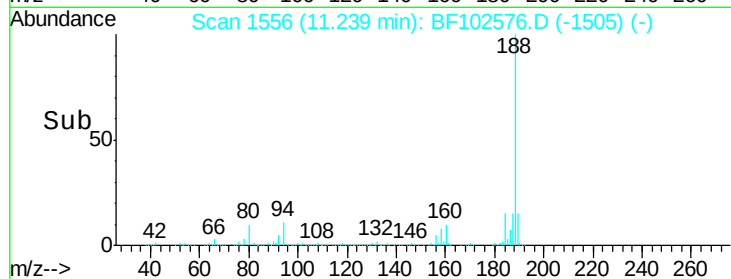
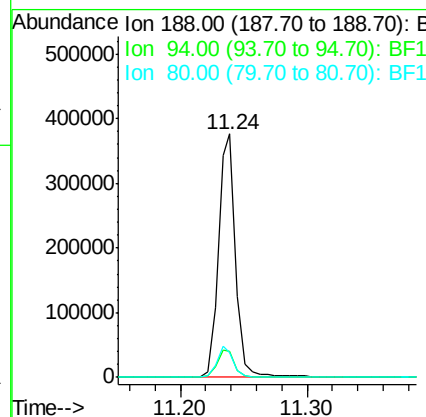
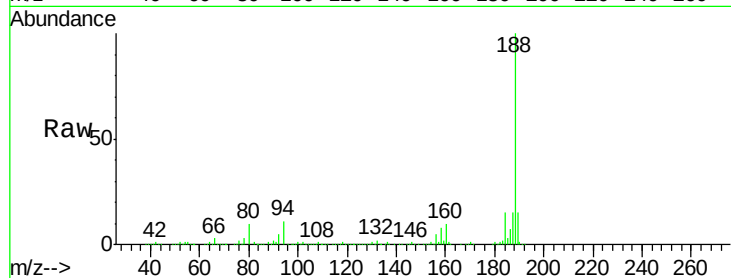
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102576.D
Acq: 28 Jan 2018 23:45

Instrument :
BNA_F
ClientSampleId :
SB-45-0-2.0

Tot Ion	Ratio	Resp	Lower	Upper
188	100	358345		
94	10.5		8.5	12.7
80	10.3		9.2	13.8

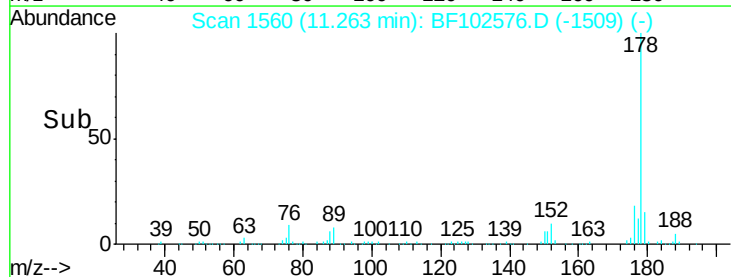
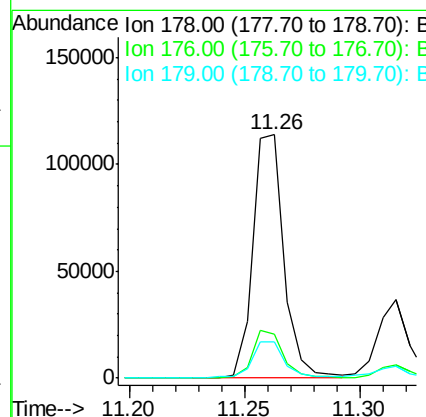
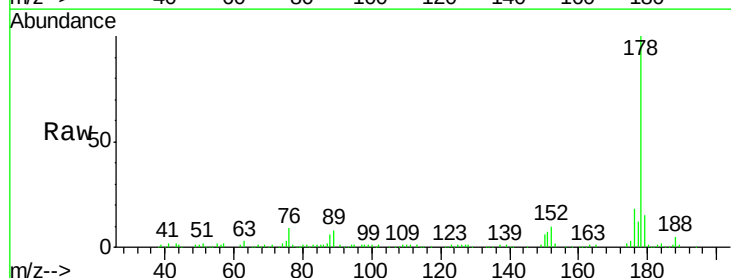
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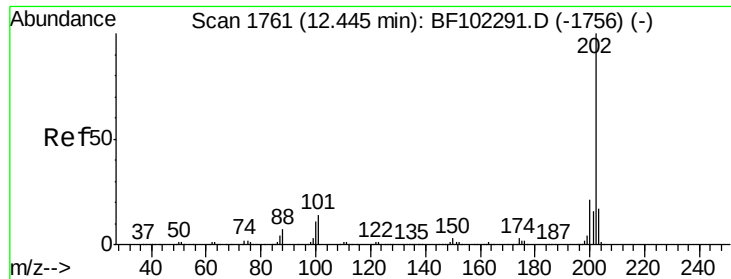
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#70
Phenanthrene
Concen: 5.149 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF102576.D
Acq: 28 Jan 2018 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	107522		
176	18.0		15.8	23.8
179	15.0		13.0	19.6





#74

Fluoranthene

Concen: 9.265 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF102576.D

Acq: 28 Jan 2018 23:45

Instrument :

BNA_F

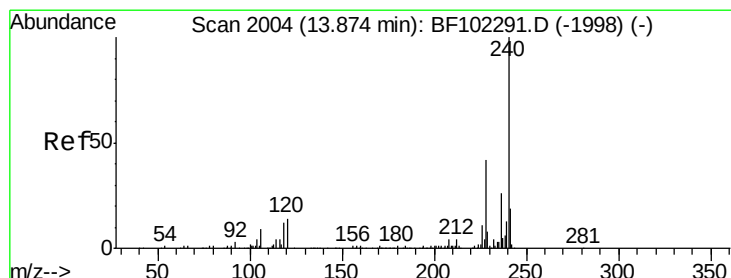
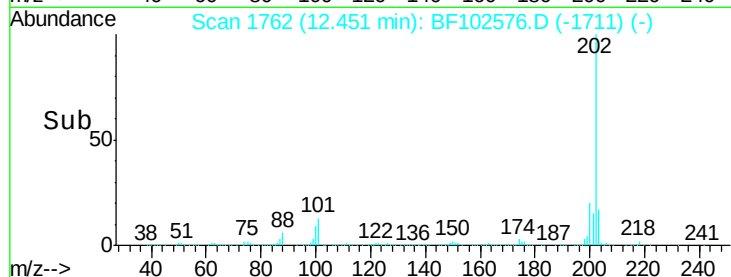
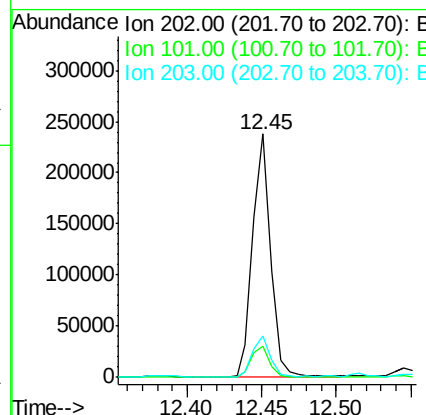
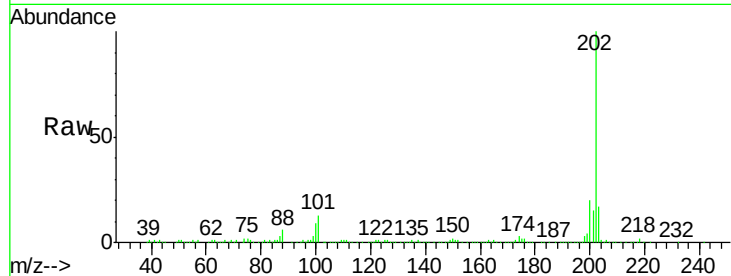
ClientSampleId :

SB-45-0-2.0

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.0	0.0	34.1
203	16.9	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

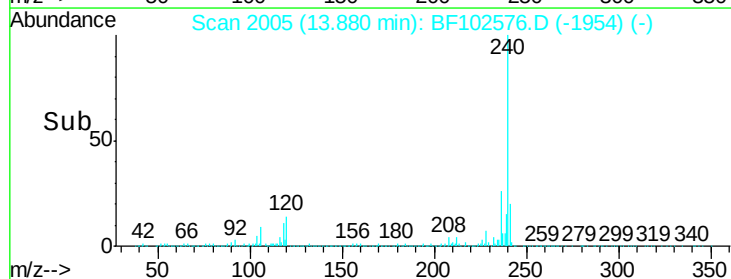
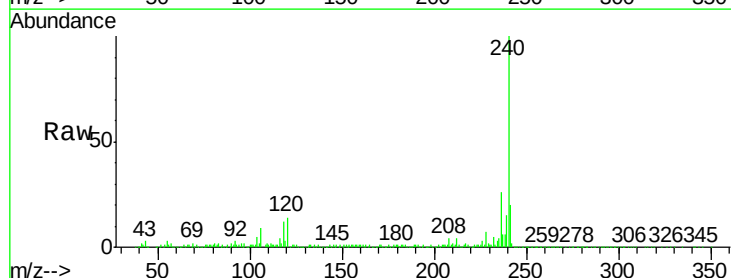
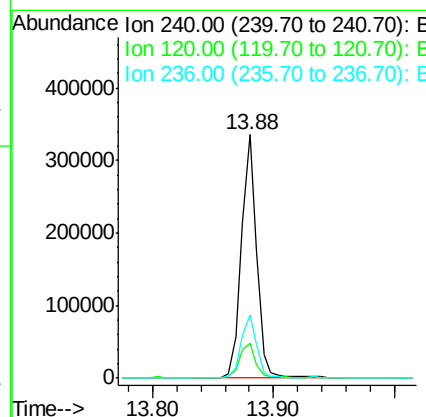
RT: 13.88 min Scan# 2005

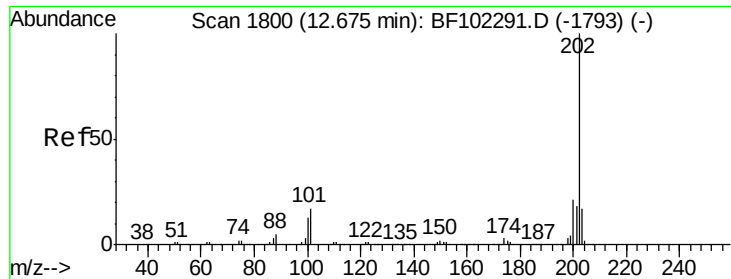
Delta R.T. -0.00 min

Lab File: BF102576.D

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Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.2	9.5	14.3
236	25.8	20.7	31.1





#77

Pvrene

Concen: 8.538 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF102576.D

Acq: 28 Jan 2018 23:45

Instrument :

BNA_F

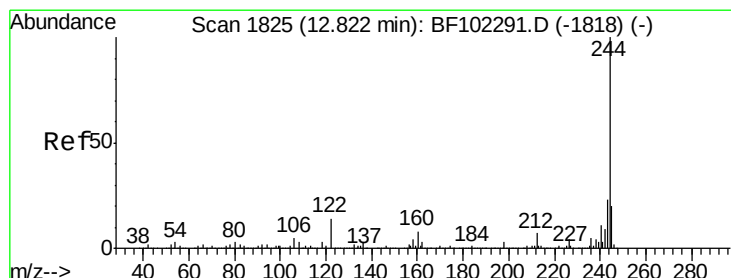
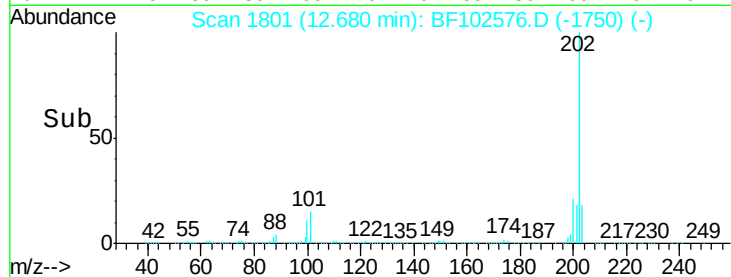
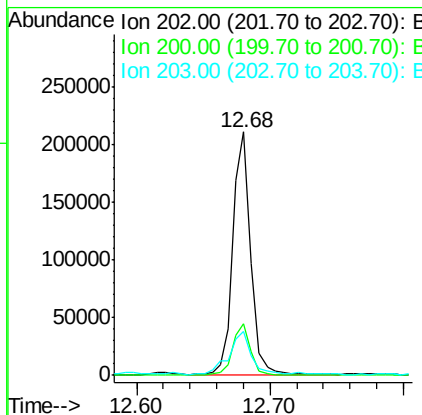
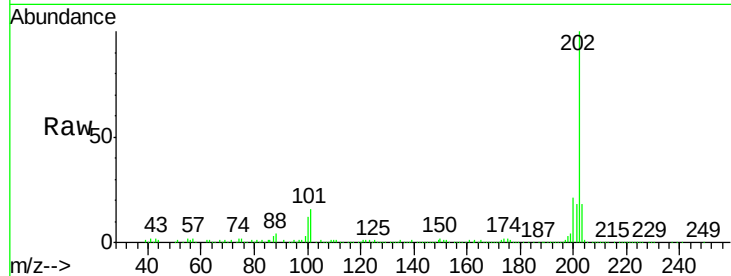
ClientSampled :

SB-45-0-2.0

Tot Ion:	202	Resp:	198141
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.4	26.2
203	18.1	14.3	21.5

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#78

Terphenyl-d14

Concen: 33.090 ng

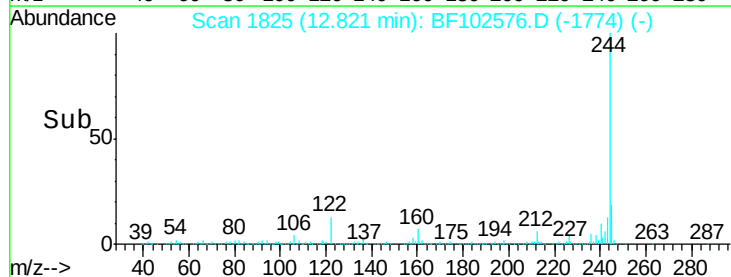
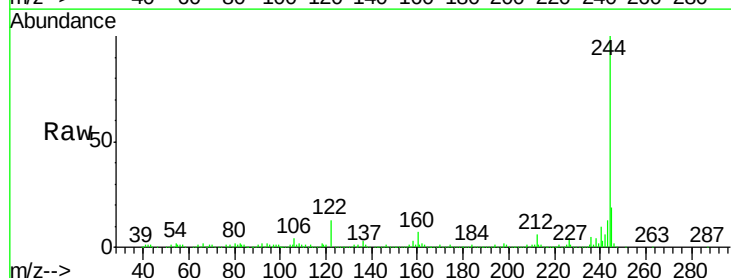
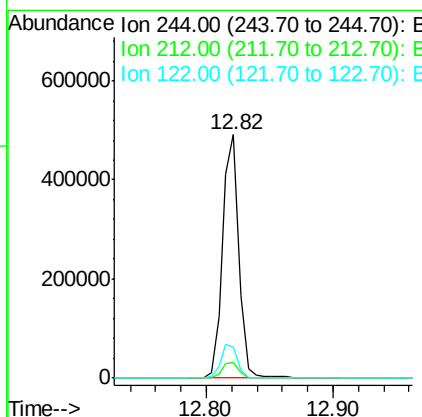
RT: 12.82 min Scan# 1825

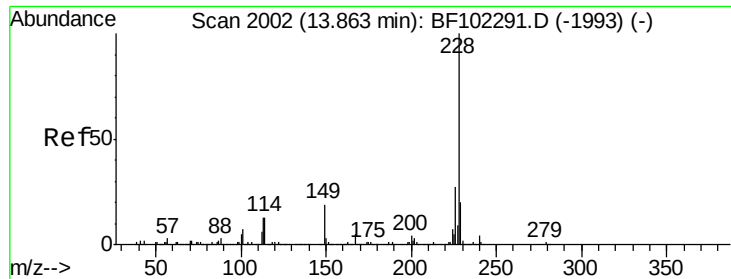
Delta R.T. 0.00 min

Lab File: BF102576.D

Acq: 28 Jan 2018 23:45

Tgt Ion:	244	Resp:	440559
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.4	8.0
122	12.8	11.0	16.4





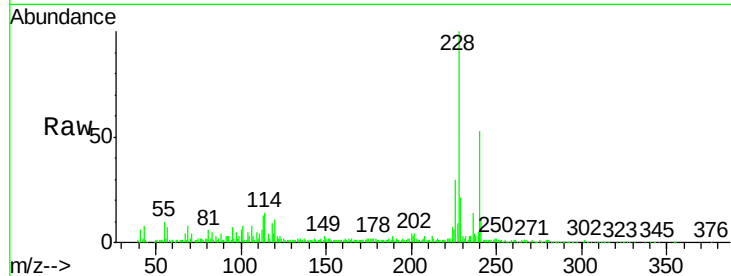
#80
Benzo(a)anthracene
Concen: 5.874 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF102576.D
Acq: 28 Jan 2018 23:45

Instrument :
BNA_F
ClientSampled :
SB-45-0-2.0

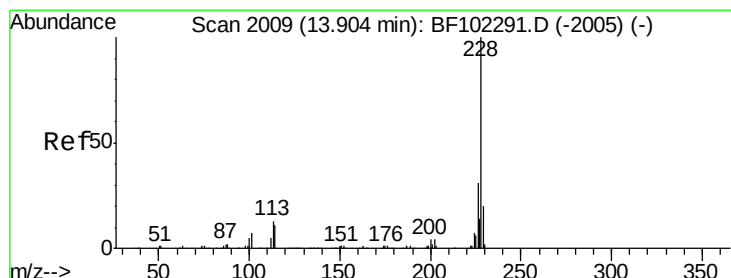
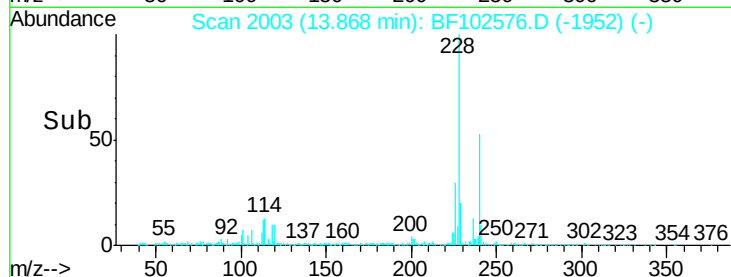
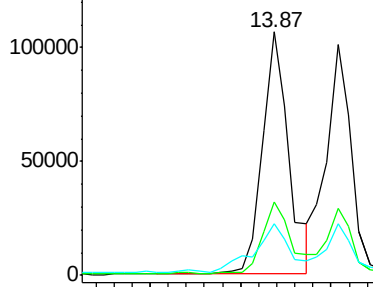
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	33.8
229	21.0	15.8	23.6

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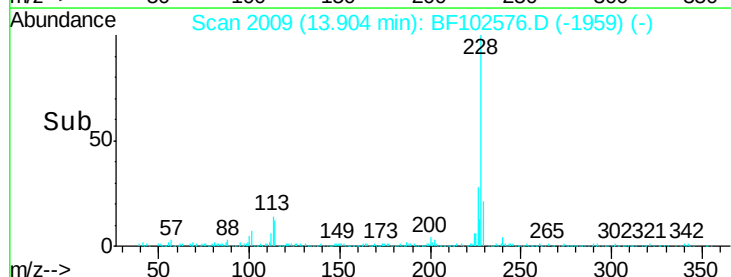
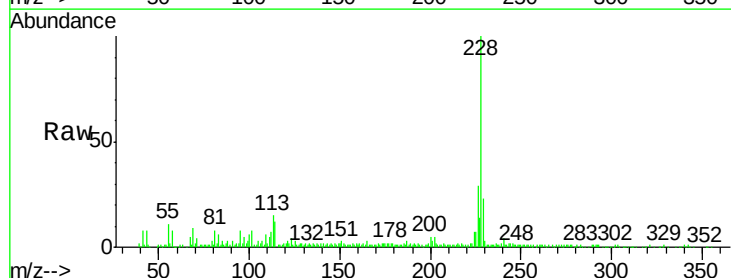
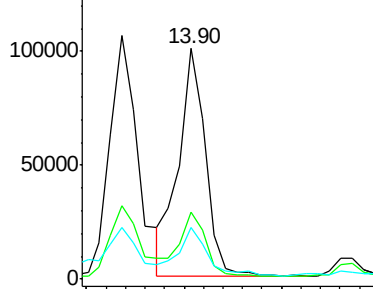
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

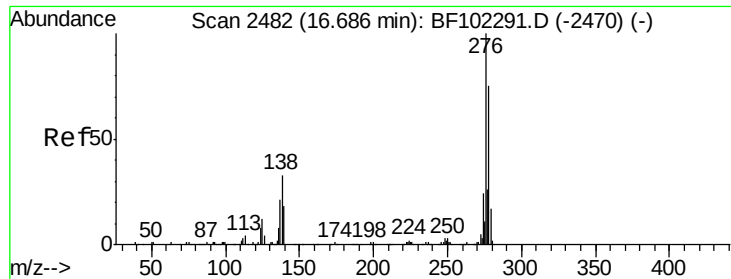


#82
Chrysene
Concen: 5.094 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF102576.D
Acq: 28 Jan 2018 23:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	25.0	37.6
229	22.6	16.2	24.4

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





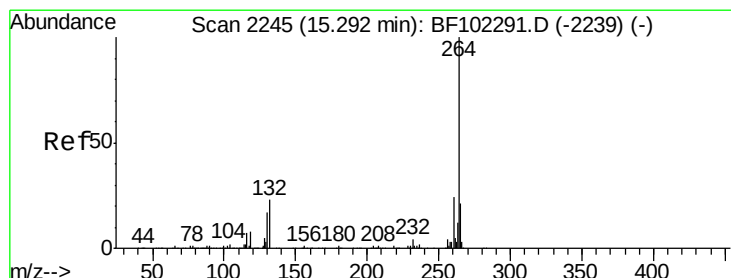
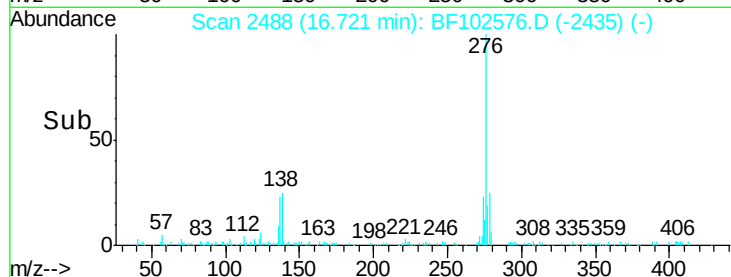
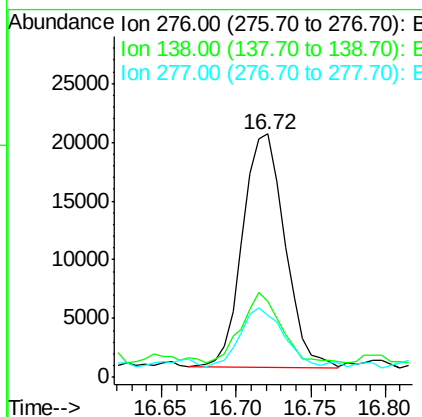
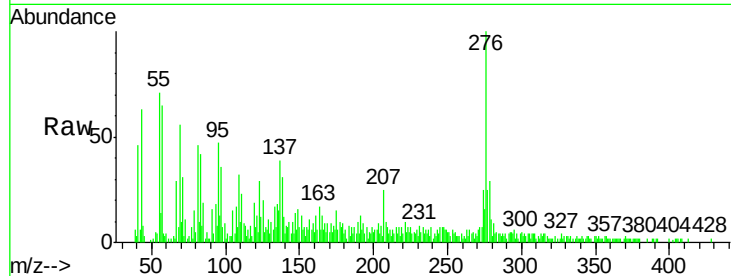
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.503 ng
 RT: 16.72 min Scan# 2488
 Delta R.T. 0.01 min
 Lab File: BF102576.D
 Acq: 28 Jan 2018 23:45

Instrument :
 BNA_F
 ClientSampled :
 SB-45-0-2.0

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.5	25.0	37.6
277	25.3	20.1	30.1

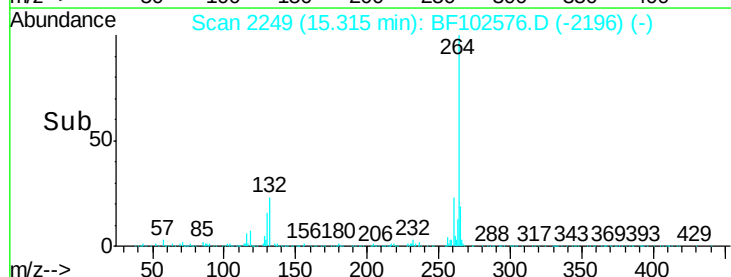
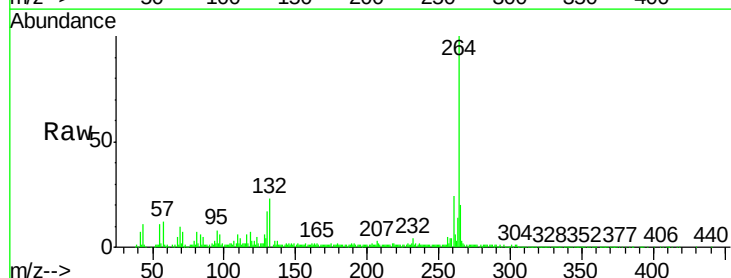
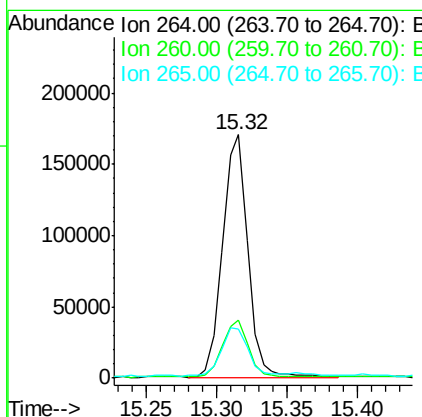
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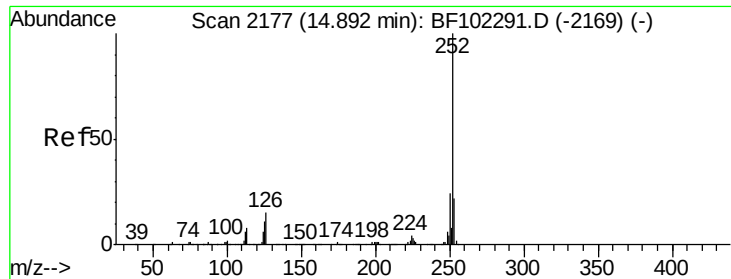
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF102576.D
 Acq: 28 Jan 2018 23:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 8.335 ng m

RT: 14.90 min Scan# 2179

Delta R.T. 0.01 min

Lab File: BF102576.D

Acq: 28 Jan 2018 23:45

Instrument :

BNA_F

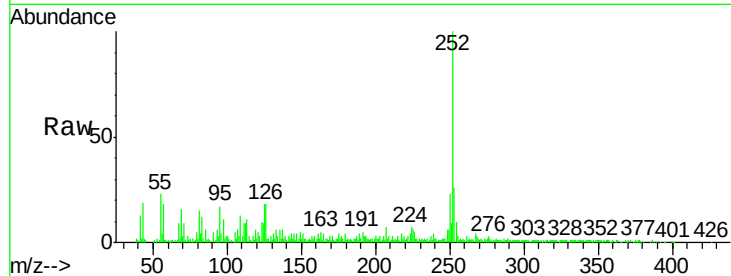
ClientSampleId :

SB-45-0-2.0

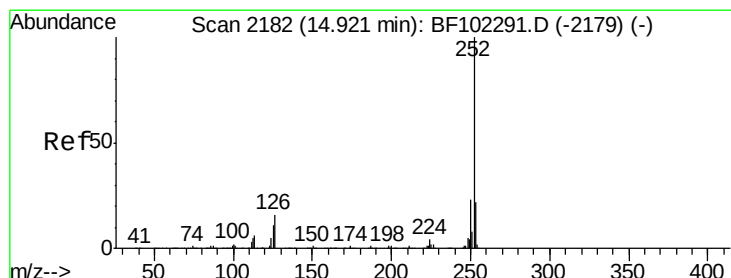
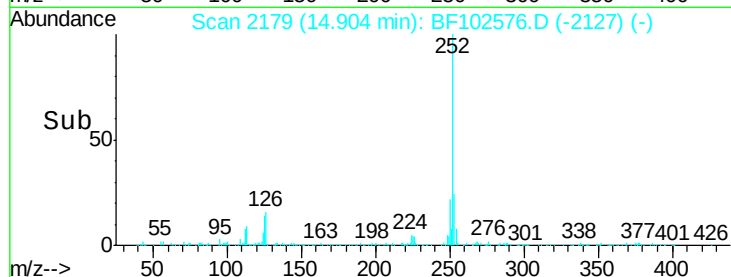
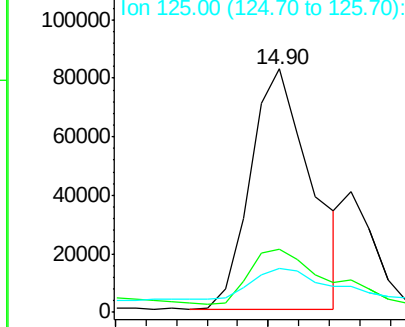
Tot Ion:	252	Resp:	113887
Ion Ratio	Lower	Upper	
252	100		
253	26.0	17.0	25.6#
125	18.2	9.0	13.6#

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



#88

Benzo(k)fluoranthene

Concen: 2.345 ng m

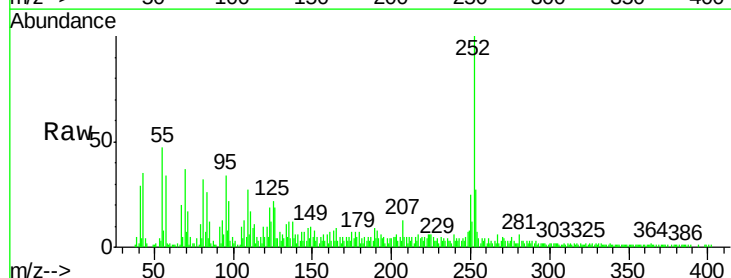
RT: 14.93 min Scan# 2183

Delta R.T. 0.00 min

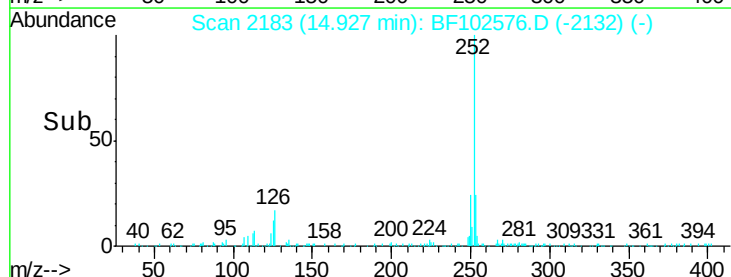
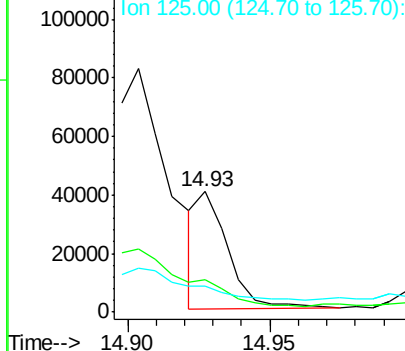
Lab File: BF102576.D

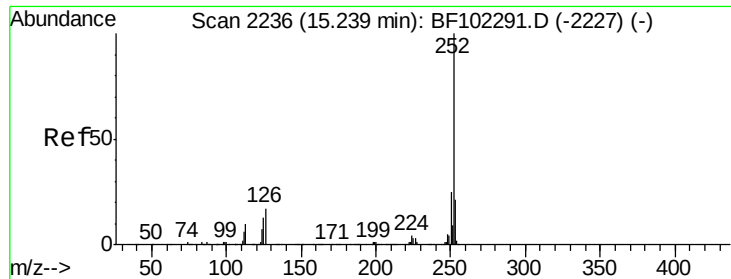
Acq: 28 Jan 2018 23:45

Tgt Ion:	252	Resp:	30276
Ion Ratio	Lower	Upper	
252	100		
253	26.9	17.9	26.9
125	21.5	10.2	15.2#



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





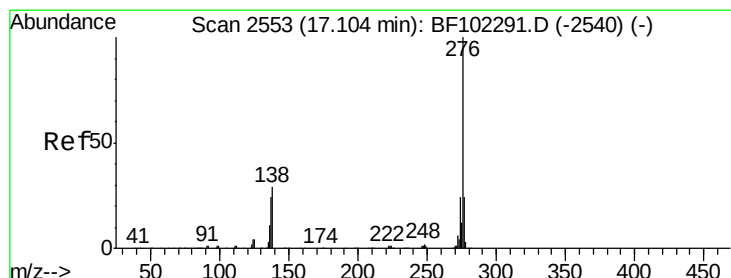
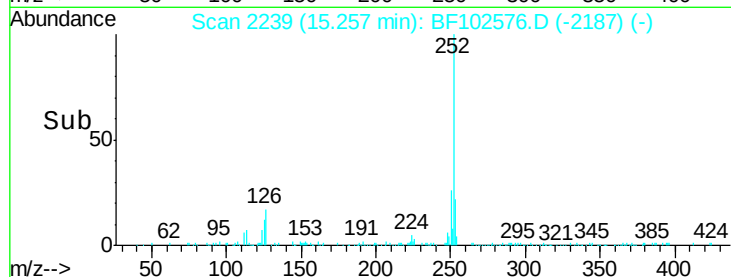
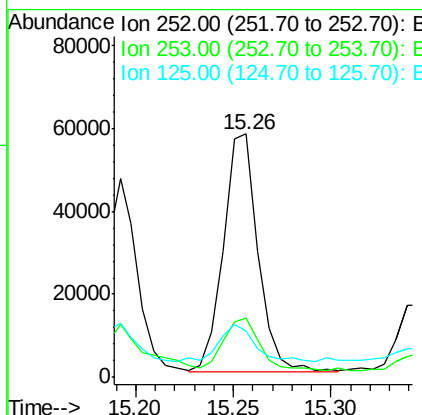
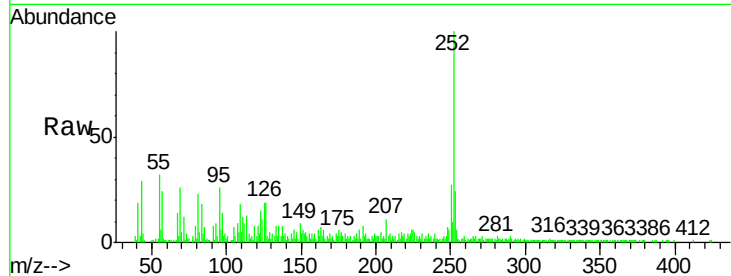
#89
Benzo(a)pyrene
Concen: 5.758 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF102576.D
Acq: 28 Jan 2018 23:45

Instrument :
BNA_F
ClientSampleId :
SB-45-0-2.0

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.1	25.7
125	19.1	9.8	14.6

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#91
Benzo(g,h,i)perylene
Concen: 3.887 ng
RT: 17.15 min Scan# 2561
Delta R.T. 0.02 min
Lab File: BF102576.D
Acq: 28 Jan 2018 23:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.3	17.9	26.9
138	37.4	21.8	32.8

