

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\
 Data File : BF102572.D
 Acq On : 28 Jan 2018 21:57
 Operator : SJ/JU
 Sample : J1253-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-9(5-15)

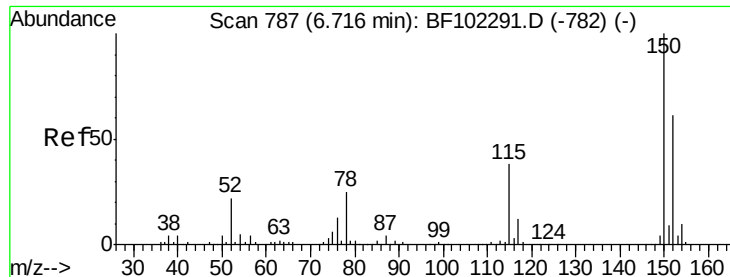
Manual Integrations
 APPROVED

Sohil
 1/29/2018 5:48:32 PM

Quant Time: Jan 29 05:00:28 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	152006	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	582932	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	219219	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	307131	20.00	ng	0.00
75) Chrysene-d12	13.88	240	277553	20.00	ng	0.00
86) Perylene-d12	15.31	264	226227	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1029952	102.74	ng	0.01
7) Phenol-d6	6.36	99	1224904	101.35	ng	0.00
23) Nitrobenzene-d5	7.28	82	745402	73.48	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	155364	71.53	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	947491	63.55	ng	0.00
78) Terphenyl-d14	12.82	244	596610	48.46	ng	0.00
Target Compounds						
10) Phenol	6.37	94	54351	4.119	ng	96
49) Dimethylphthalate	9.47	163	234480	12.941	ng	99
70) Phenanthrene	11.26	178	136716	7.639	ng	100
74) Fluoranthene	12.45	202	202548	11.098	ng	99
77) Pyrene	12.68	202	201773	9.403	ng	98
79) Butylbenzylphthalate	13.29	149	57090	5.346	ng	97
80) Benzo(a)anthracene	13.87	228	96813	5.666	ng	99
82) Chrysene	13.90	228	98025m	5.649	ng	
83) Bis(2-ethylhexyl)phthalate	13.85	149	37220	2.593	ng	96
85) Indeno(1,2,3-cd)pyrene	16.71	276	30024	2.095	ng	97
87) Benzo(b)fluoranthene	14.90	252	96926m	6.610	ng	
88) Benzo(k)fluoranthene	14.92	252	36330m	2.622	ng	
89) Benzo(a)pyrene	15.25	252	67010	5.067	ng	# 86
91) Benzo(a,h,i)perylene	17.14	276	29511	2.790	ng	# 89

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



#1

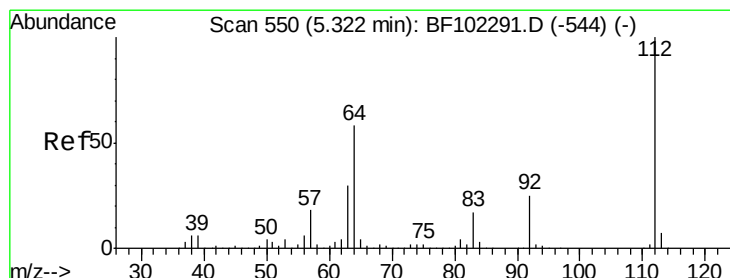
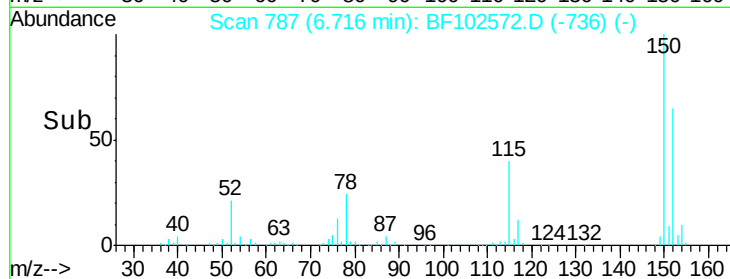
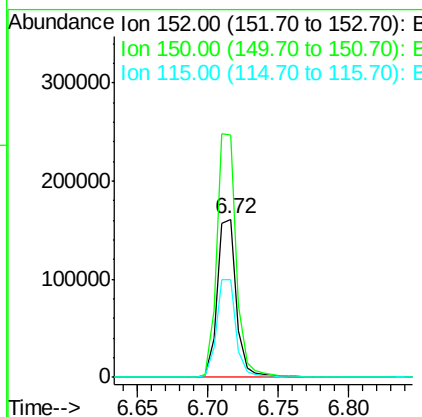
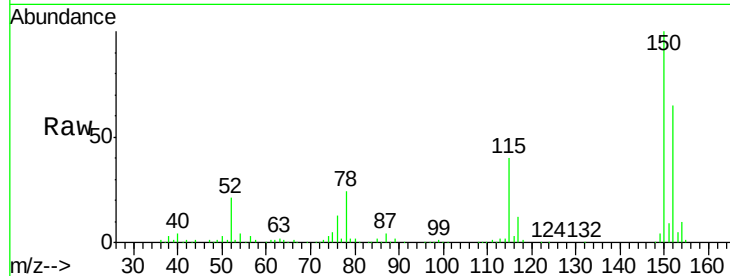
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102572.D
Acq: 28 Jan 2018 21:57

Instrument :
BNA_F
ClientSampleId :
WC-9(5-15)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.6	186.8
115	62.0	50.1	75.1

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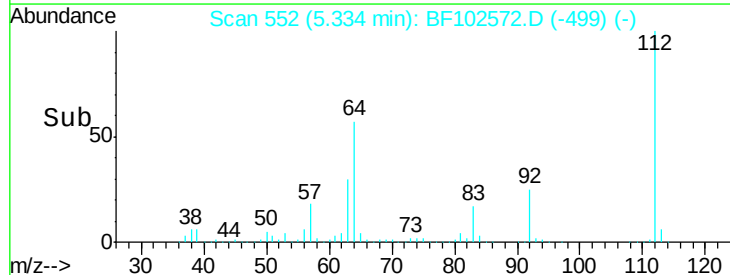
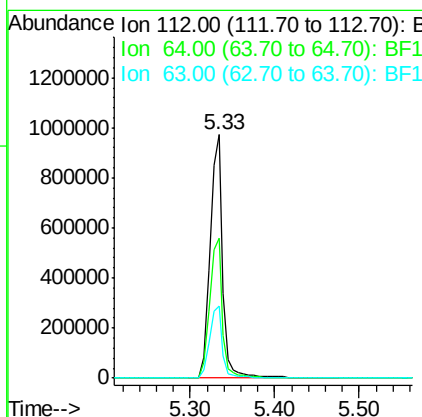
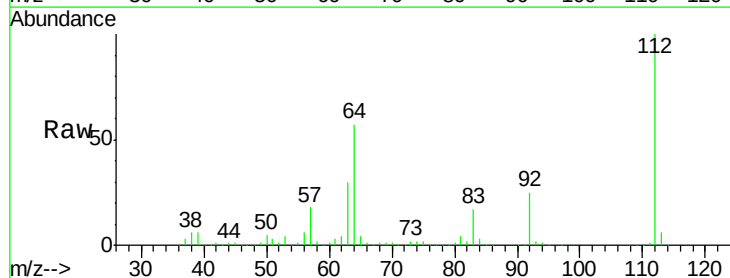
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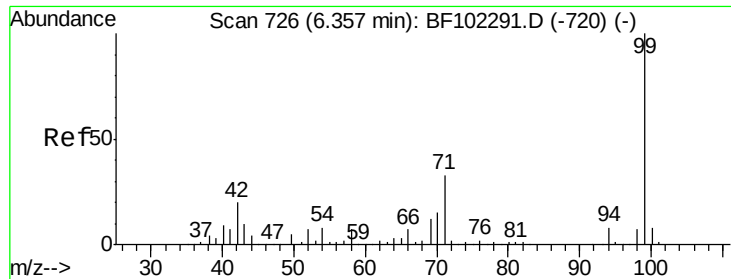


#5

2-Fluorophenol
Concen: 102.738 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102572.D
Acq: 28 Jan 2018 21:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.9	71.9
63	29.6	23.7	35.5





#7

Phenol-d6

Concen: 101.348 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102572.D

Acq: 28 Jan 2018 21:57

Instrument :

BNA_F

ClientSampled :

WC-9(5-15)

Tot Ion: 99 Resp: 1224904

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

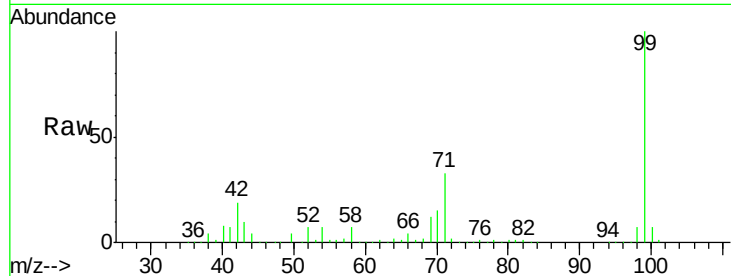
71 33.0 25.4 38.0

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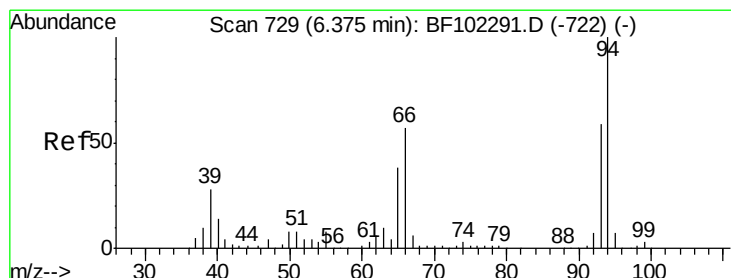
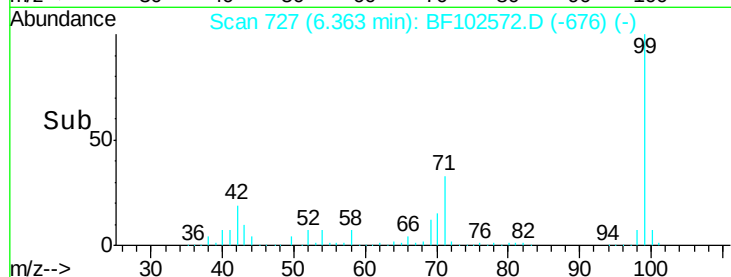
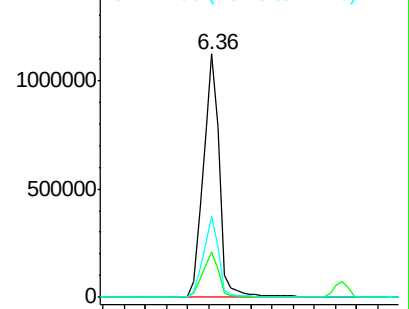
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.119 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF102572.D

Acq: 28 Jan 2018 21:57

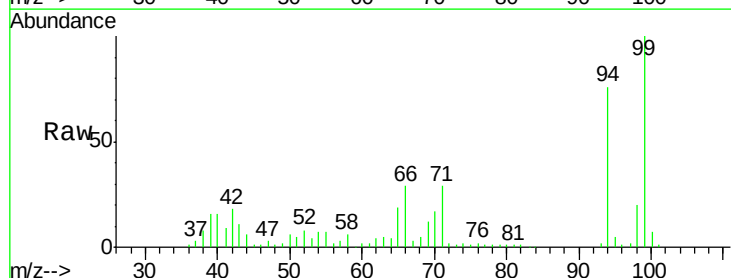
Tgt Ion: 94 Resp: 54351

Ion Ratio Lower Upper

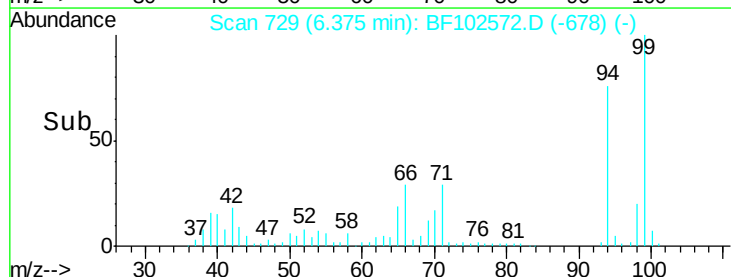
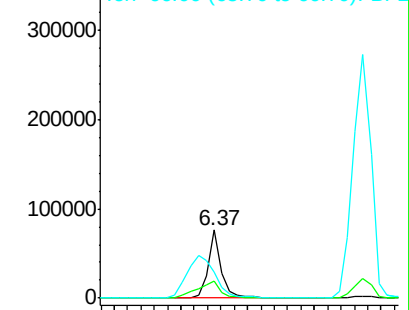
94 100

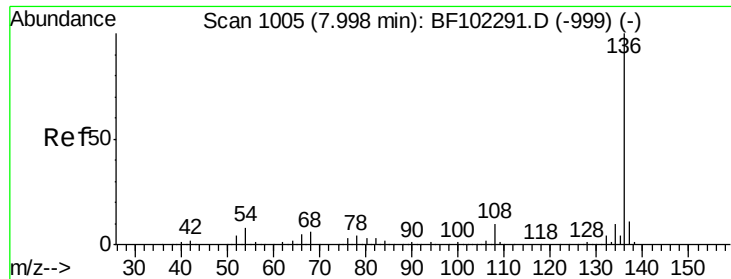
65 25.6 7.9 47.9

66 38.6 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: BF102572.D

Acq: 28 Jan 2018 21:57

Instrument :

BNA_F

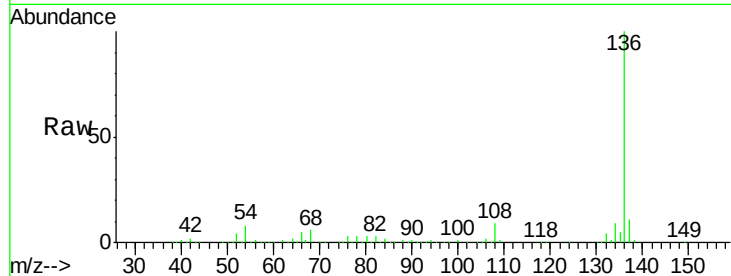
ClientSampled :

WC-9(5-15)

Tot Ion	136	Resp	582932
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	7.8	6.6	9.8
68	5.9	5.0	7.4

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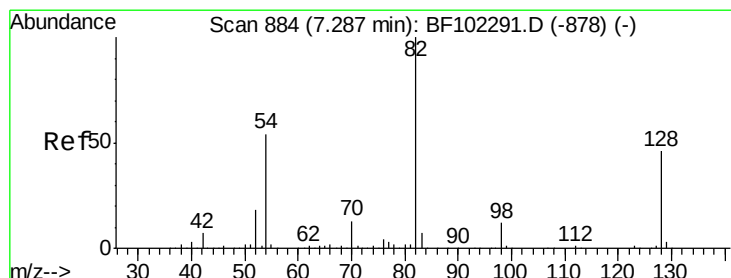
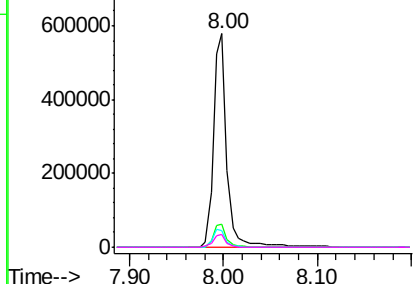
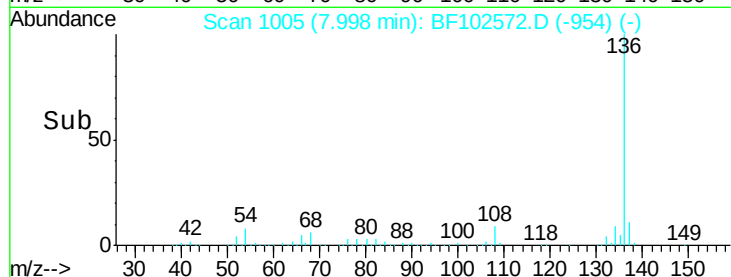


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.484 ng

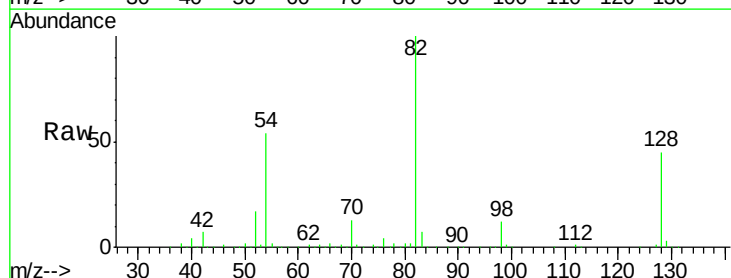
RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102572.D

Acq: 28 Jan 2018 21:57

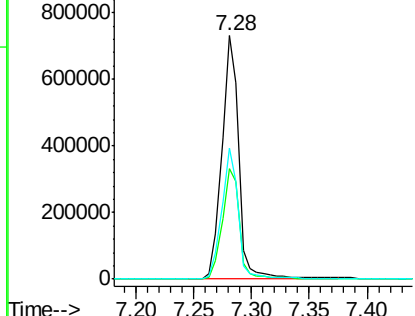
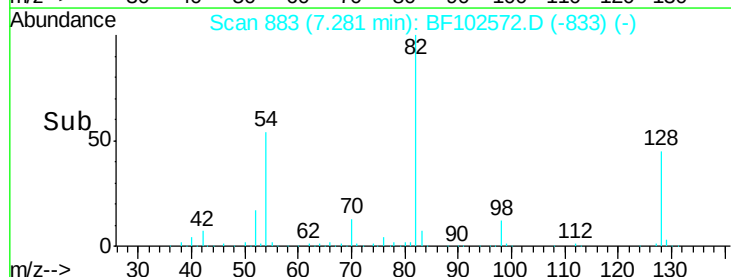
Tgt Ion	82	Resp	745402
Ion Ratio	Lower	Upper	
82	100		
128	45.5	36.1	54.1
54	54.0	41.4	62.2

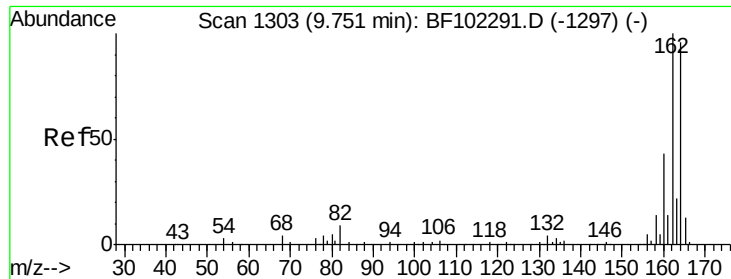


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





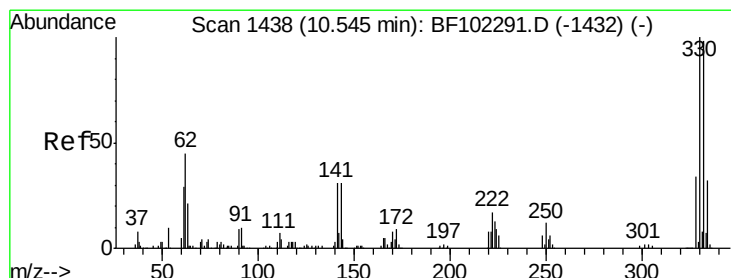
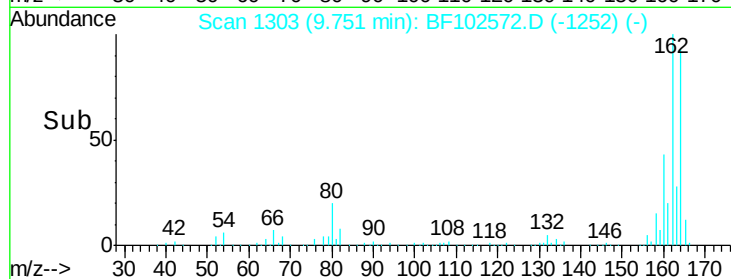
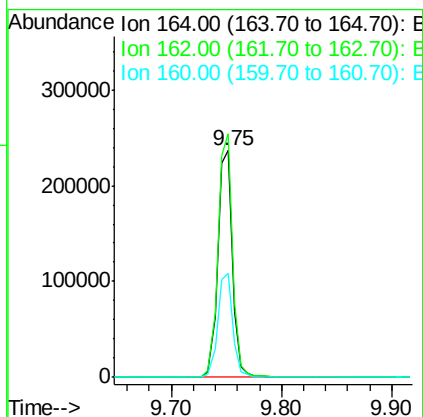
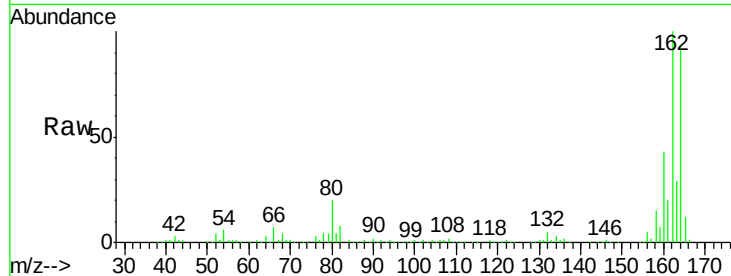
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF102572.D
 Acq: 28 Jan 2018 21:57

Instrument :
 BNA_F
 ClientSampleId :
 WC-9(5-15)

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.4	86.1	129.1
160	46.2	38.3	57.5

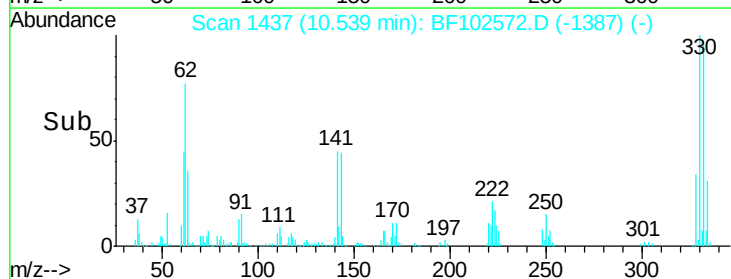
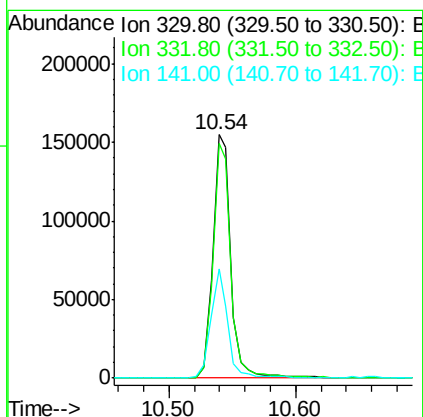
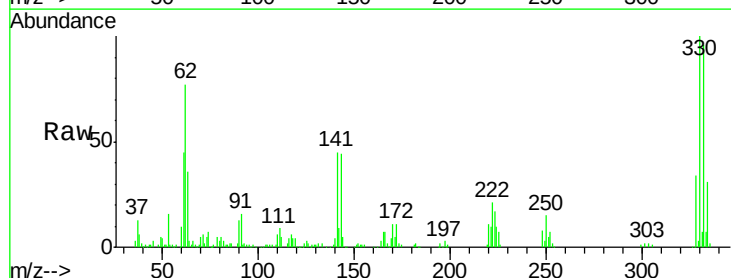
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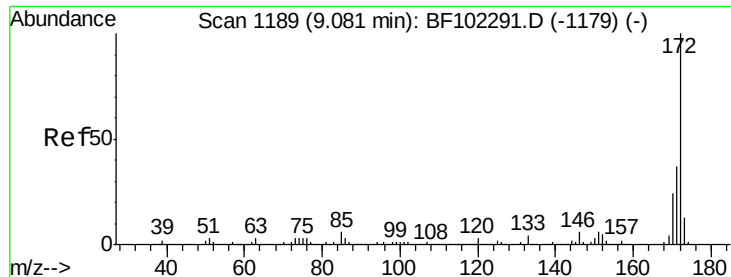
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#41
 2,4,6-Tribromophenol
 Concen: 71.526 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102572.D
 Acq: 28 Jan 2018 21:57

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	42.1	29.9	44.9





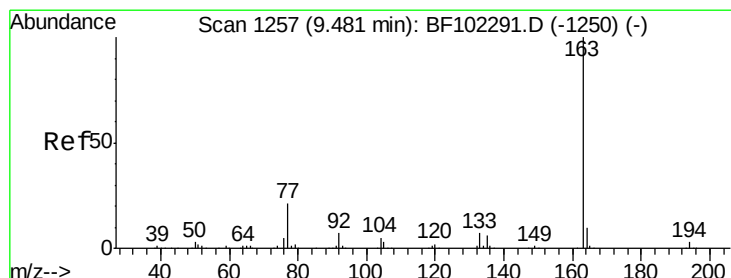
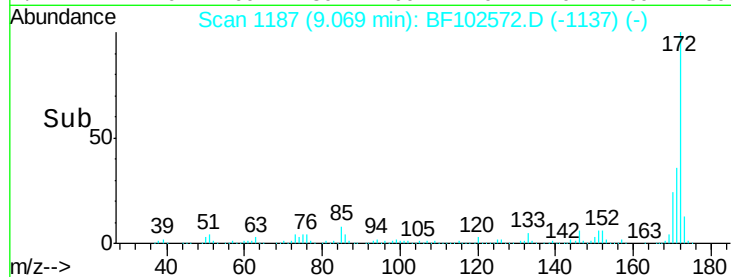
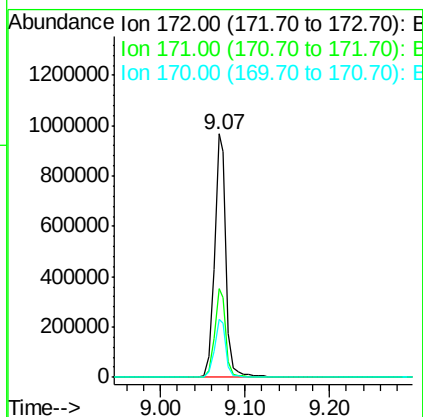
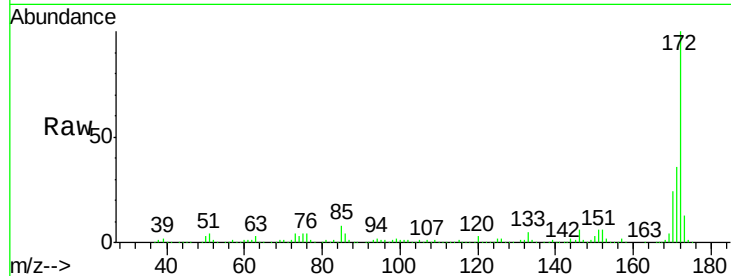
#44
2-Fluorobiphenyl
Concen: 63.550 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF102572.D
Acq: 28 Jan 2018 21:57

Instrument :
BNA_F
ClientSampleId :
WC-9(5-15)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.6	19.6	29.4

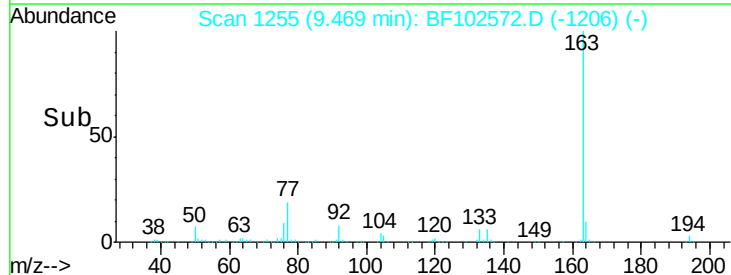
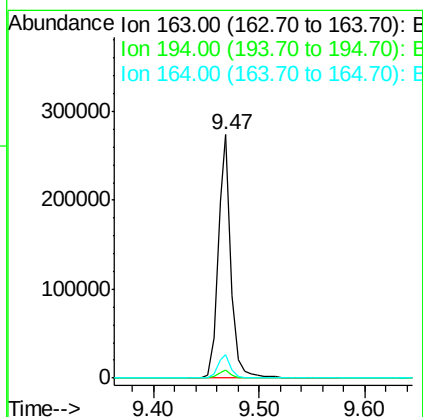
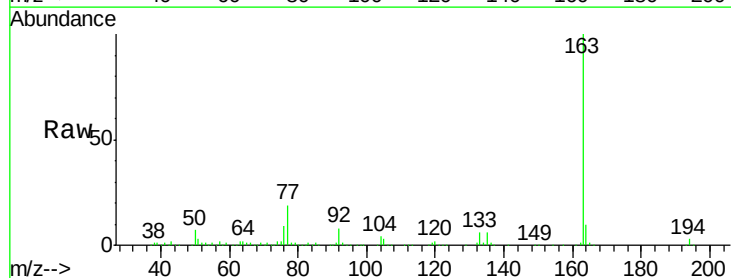
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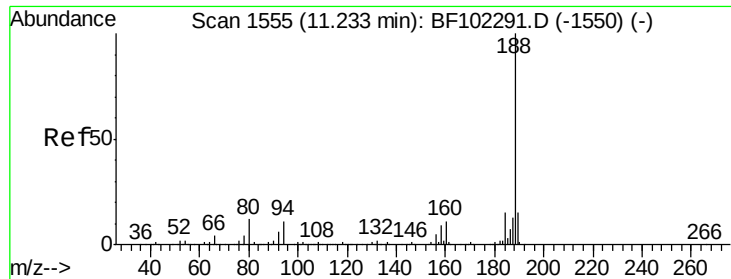
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#49
Dimethylphthalate
Concen: 12.941 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102572.D
Acq: 28 Jan 2018 21:57

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.7	8.2	12.2





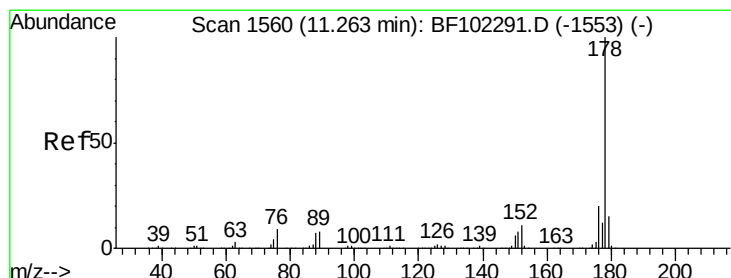
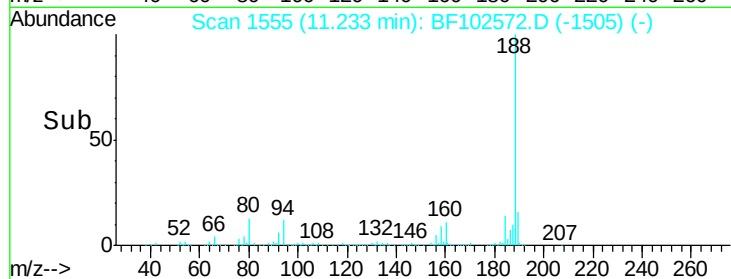
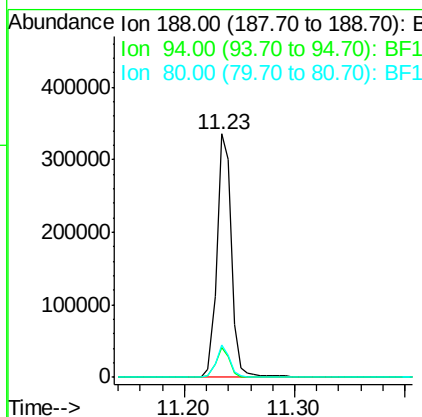
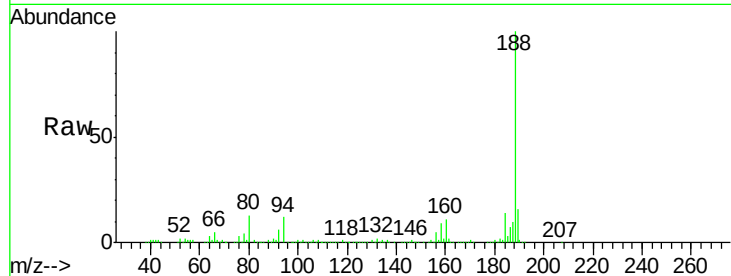
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102572.D
Acq: 28 Jan 2018 21:57

Instrument :
BNA_F
ClientSampled :
WC-9(5-15)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	307131		
94	12.4		8.5	12.7
80	13.2		9.2	13.8

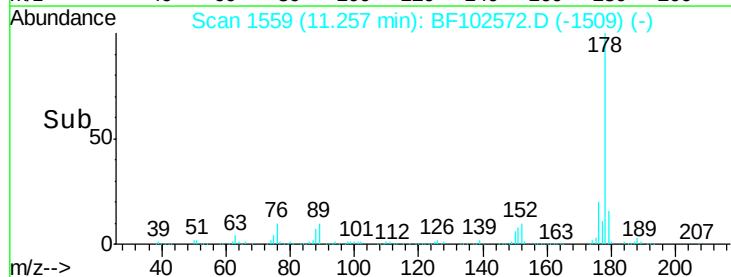
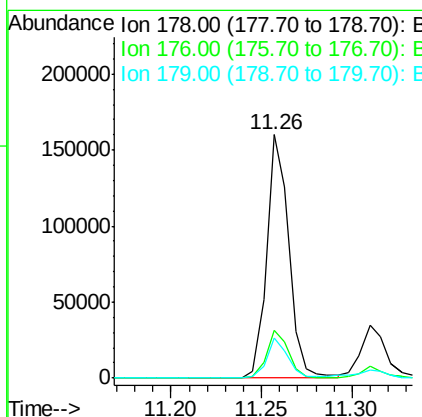
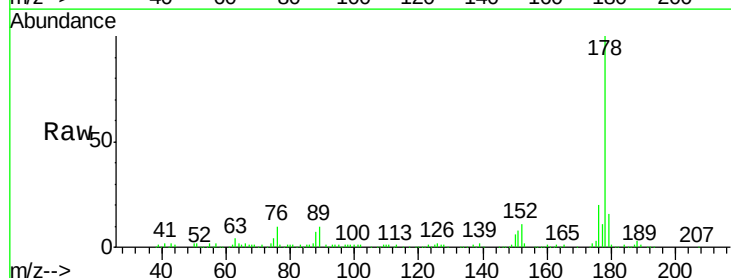
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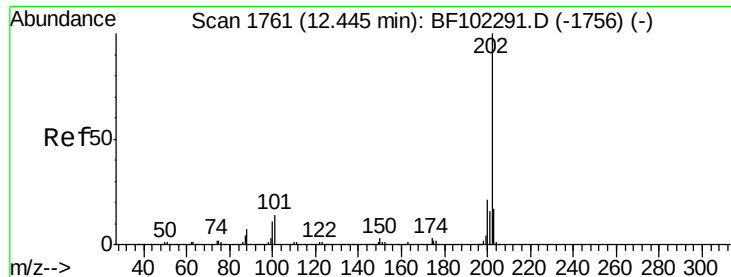
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#70
Phenanthrene
Concen: 7.639 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102572.D
Acq: 28 Jan 2018 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	136716		
176	19.8		15.8	23.8
179	16.3		13.0	19.6





#74

Fluoranthene

Concen: 11.098 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF102572.D

Acq: 28 Jan 2018 21:57

Instrument :

BNA_F

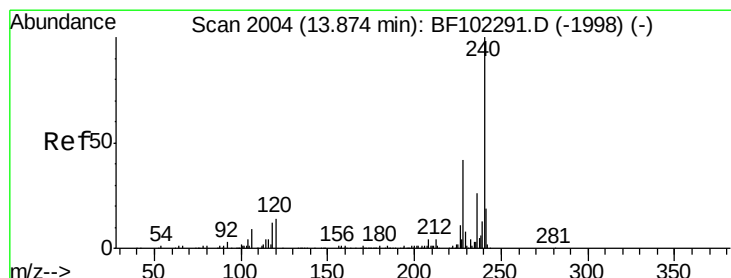
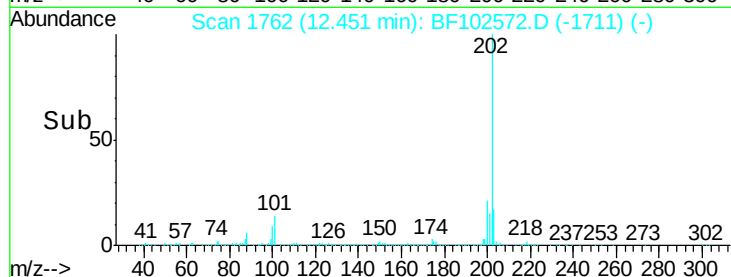
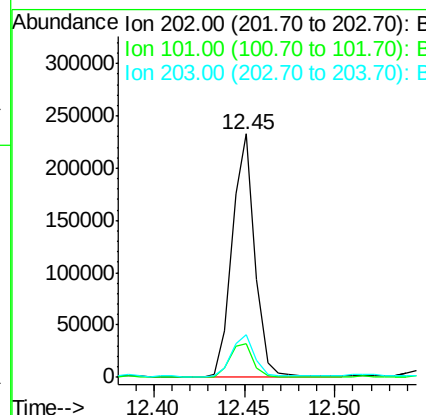
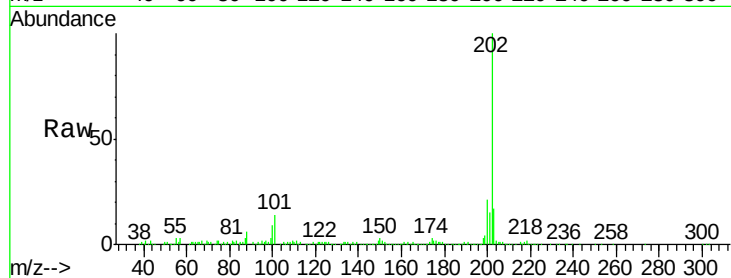
ClientSampleId :

WC-9(5-15)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.1	0.0	34.1
203	17.4	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

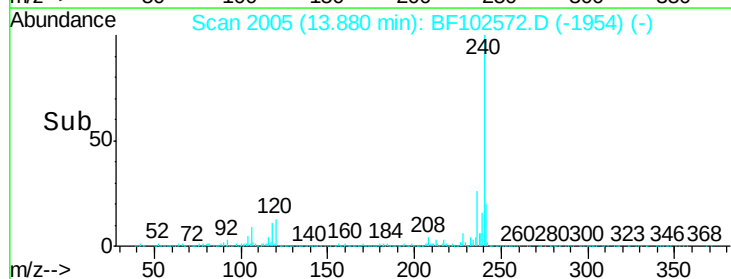
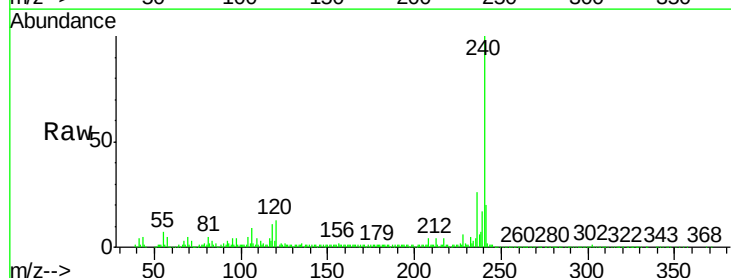
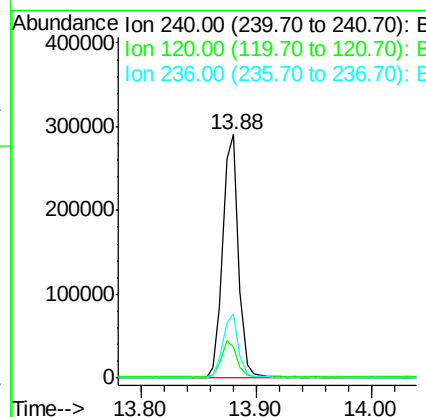
RT: 13.88 min Scan# 2005

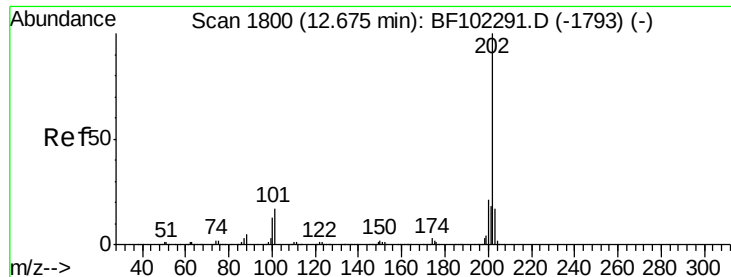
Delta R.T. 0.00 min

Lab File: BF102572.D

Acq: 28 Jan 2018 21:57

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.9	9.5	14.3
236	26.4	20.7	31.1





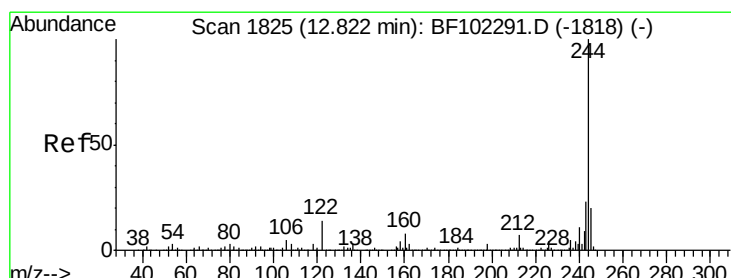
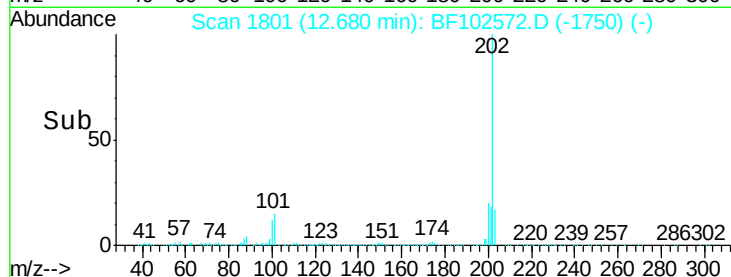
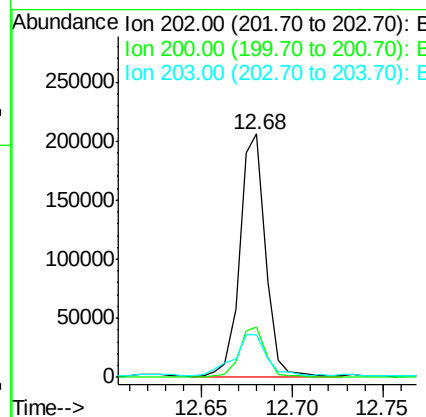
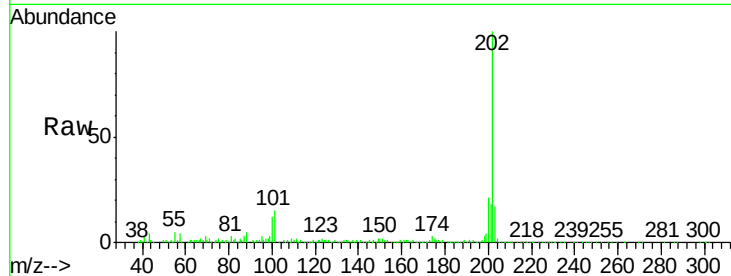
#77
Pvrene
Concen: 9.403 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF102572.D
Acq: 28 Jan 2018 21:57

Instrument :
BNA_F
ClientSampleId :
WC-9(5-15)

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	17.3	14.3	21.5

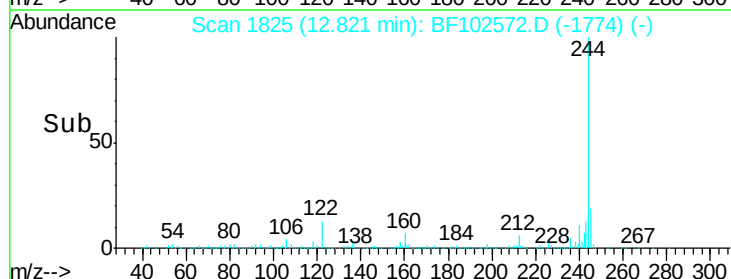
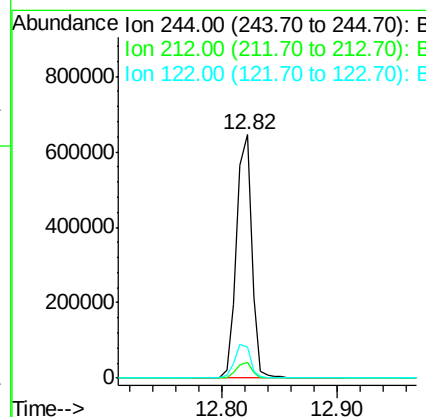
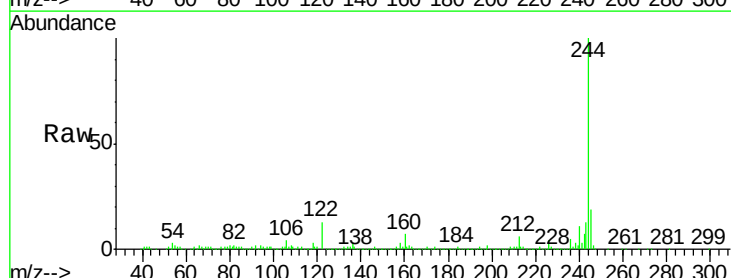
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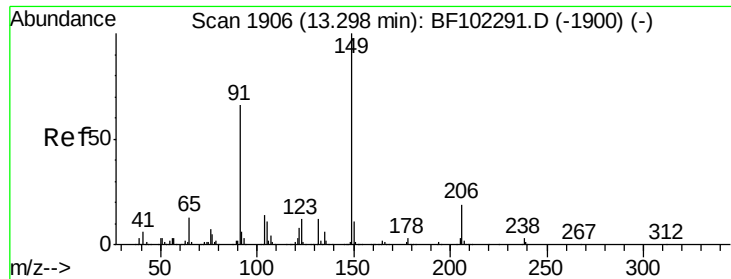
Sohil
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#78
Terphenyl-d14
Concen: 48.458 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF102572.D
Acq: 28 Jan 2018 21:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	12.7	11.0	16.4





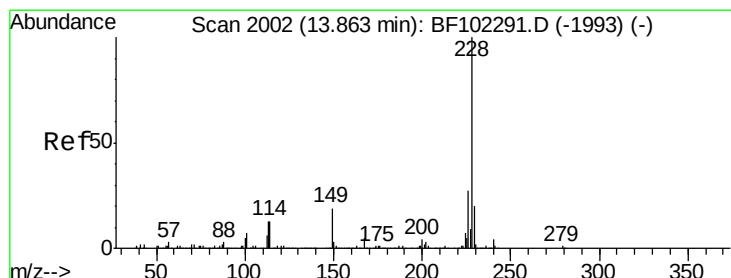
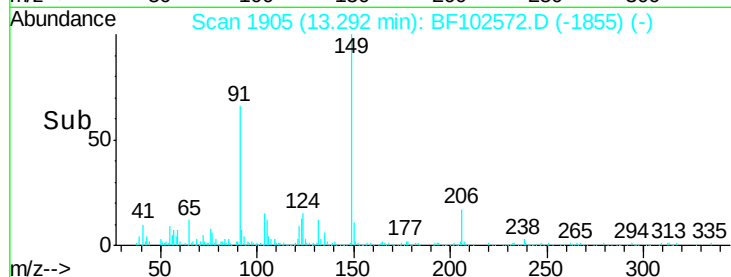
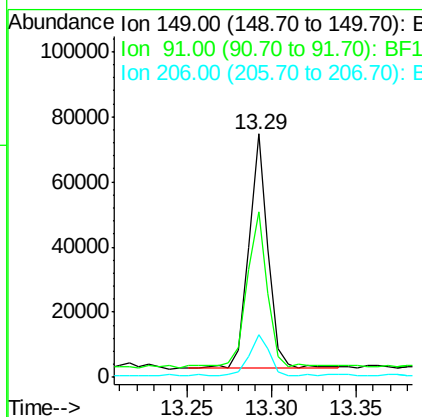
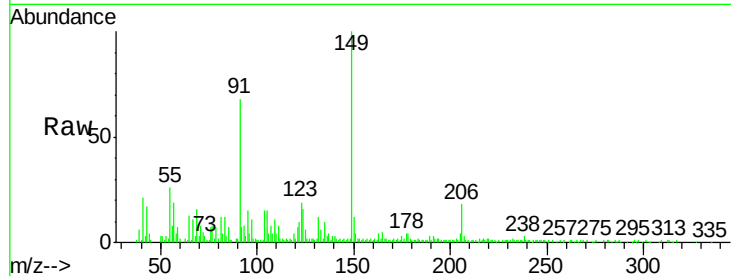
#79
Butylbenzylphthalate
Concen: 5.346 ng
RT: 13.29 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BF102572.D
Acq: 28 Jan 2018 21:57

Instrument :
BNA_F
ClientSampled :
WC-9(5-15)

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.9	56.8	85.2
206	17.6	14.1	21.1

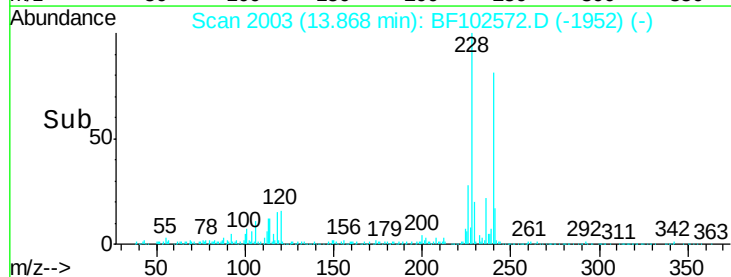
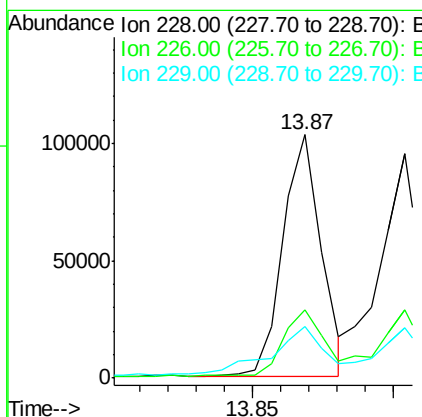
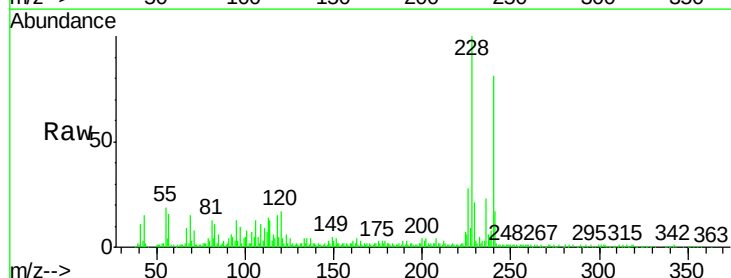
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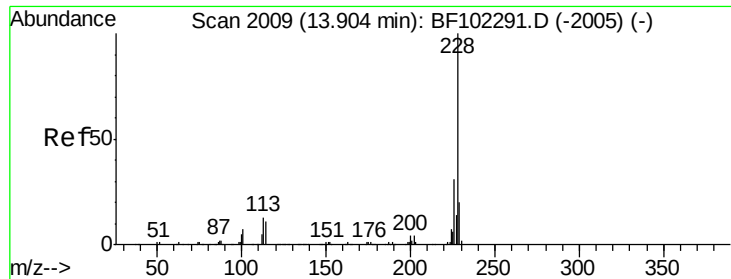
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#80
Benzo(a)anthracene
Concen: 5.666 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF102572.D
Acq: 28 Jan 2018 21:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	21.2	15.8	23.6





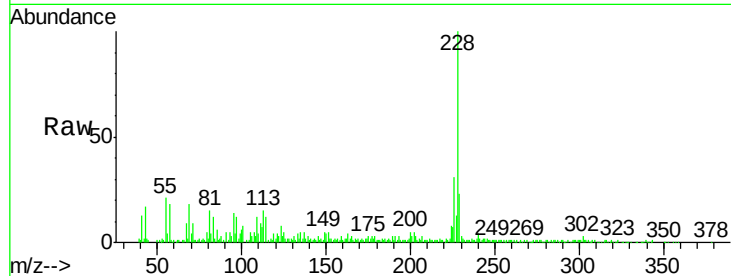
#82
Chrysene
Concen: 5.649 ng m
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF102572.D
Acq: 28 Jan 2018 21:57

Instrument :
BNA_F
ClientSampled :
WC-9(5-15)

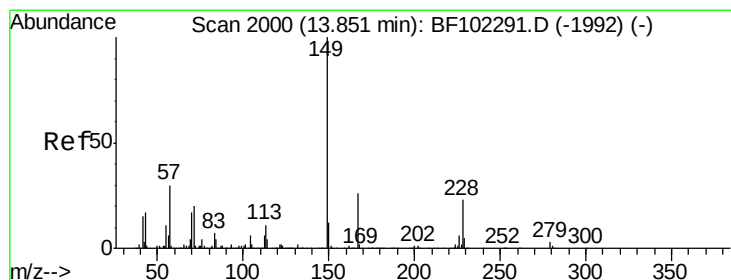
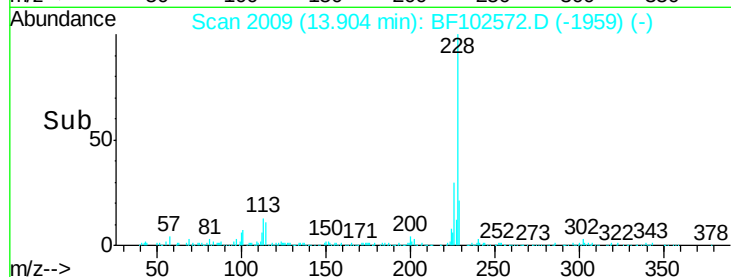
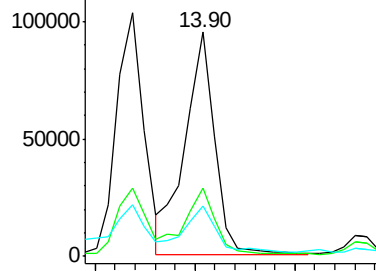
Tot Ion:	228	Resp:	98025
Ion Ratio	Lower	Upper	
228	100		
226	30.7	25.0	37.6
229	22.7	16.2	24.4

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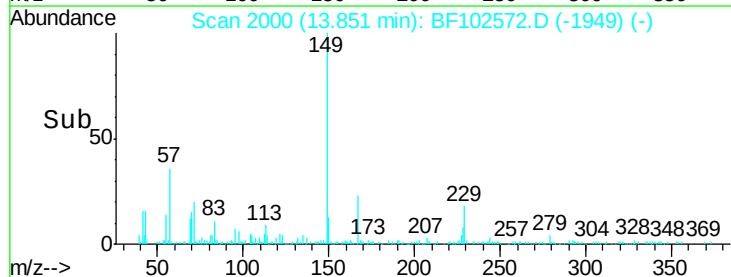
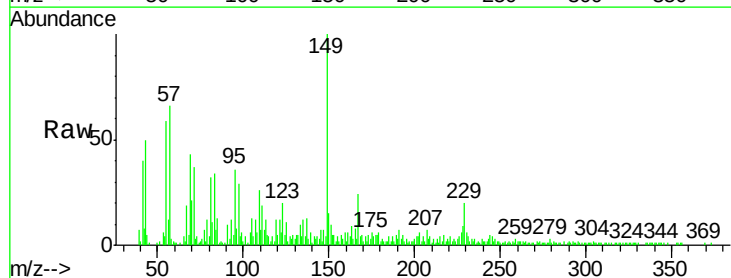
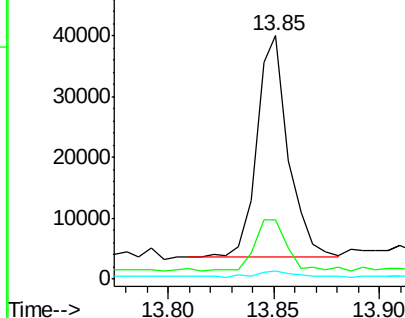
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

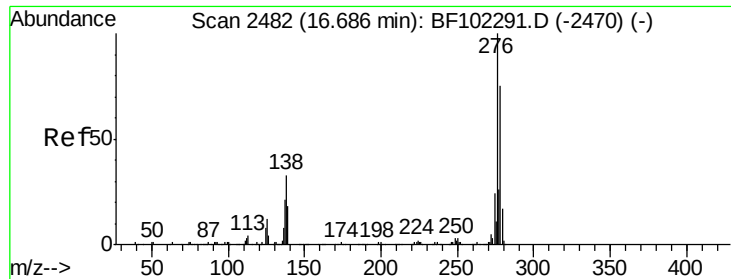


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.593 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BF102572.D
Acq: 28 Jan 2018 21:57

Tgt Ion:	149	Resp:	37220
Ion Ratio	Lower	Upper	
149	100		
167	24.4	21.3	31.9
279	3.4	3.0	4.4

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





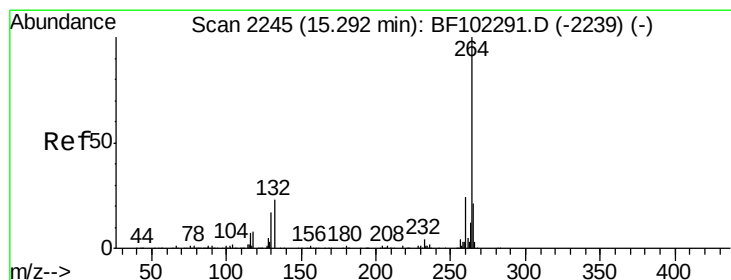
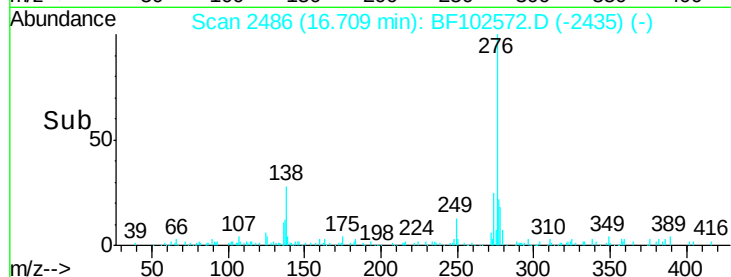
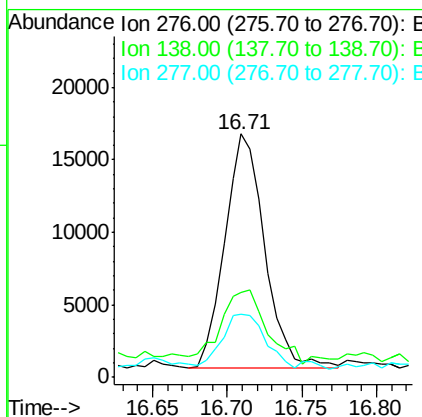
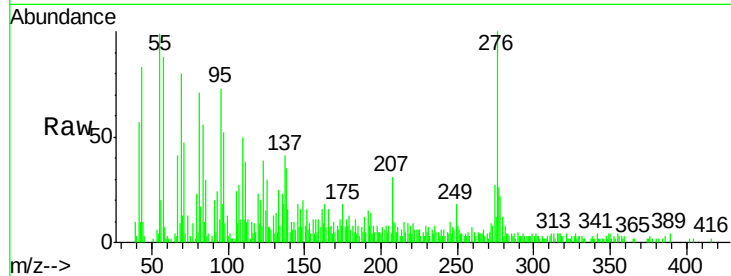
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.095 ng
RT: 16.71 min Scan# 2486
Delta R.T. 0.00 min
Lab File: BF102572.D
Acq: 28 Jan 2018 21:57

Instrument :
BNA_F
ClientSampleId :
WC-9(5-15)

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.0	25.0	37.6
277	24.7	20.1	30.1

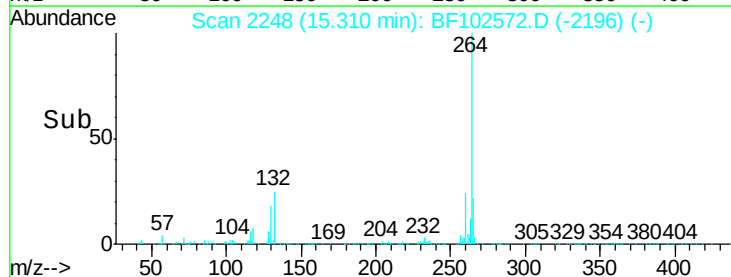
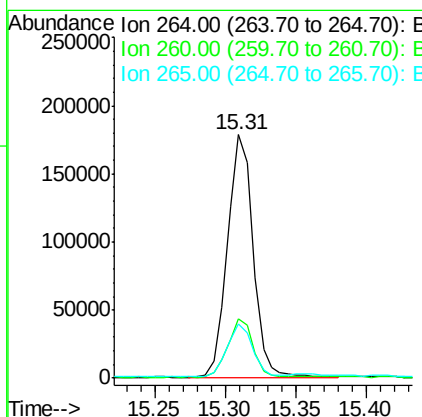
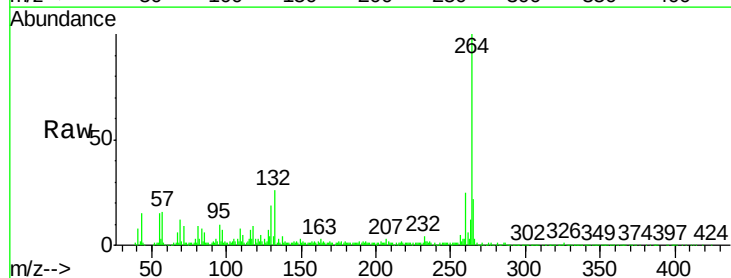
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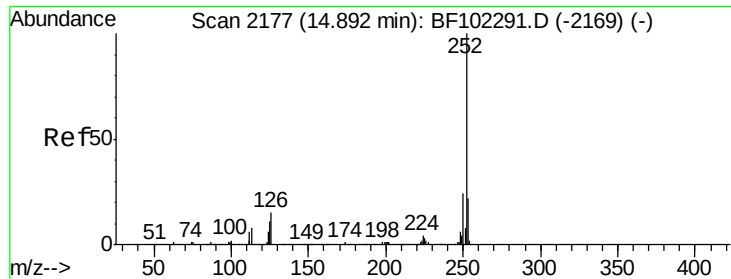
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BF102572.D
Acq: 28 Jan 2018 21:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.0	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 6.610 ng m

RT: 14.90 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BF102572.D

Acq: 28 Jan 2018 21:57

Instrument :

BNA_F

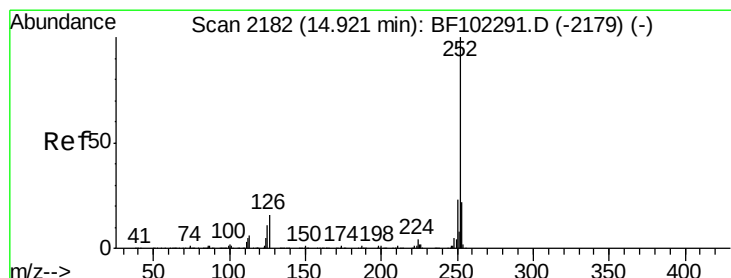
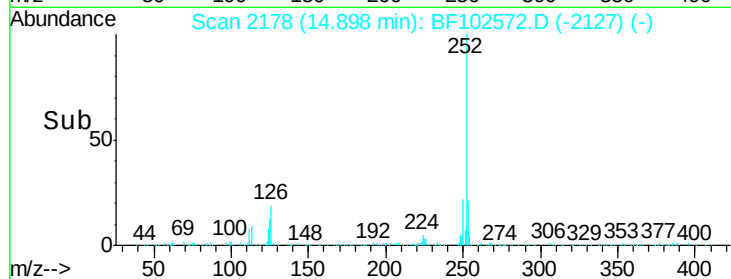
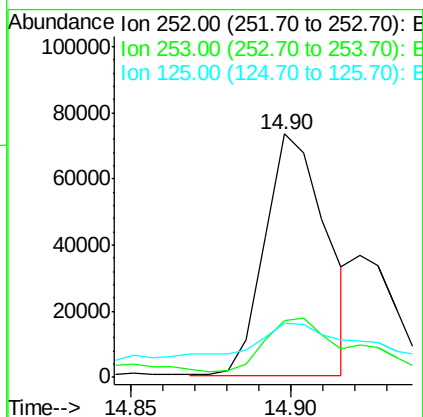
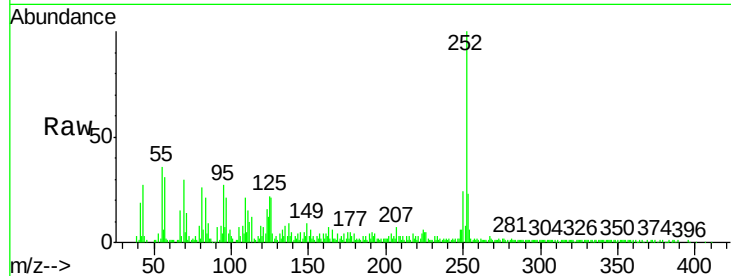
ClientSampleId :

WC-9(5-15)

Tot Ion:	252	Resp:	96926
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.0	25.6
125	22.0	9.0	13.6#

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#88

Benzo(k)fluoranthene

Concen: 2.622 ng m

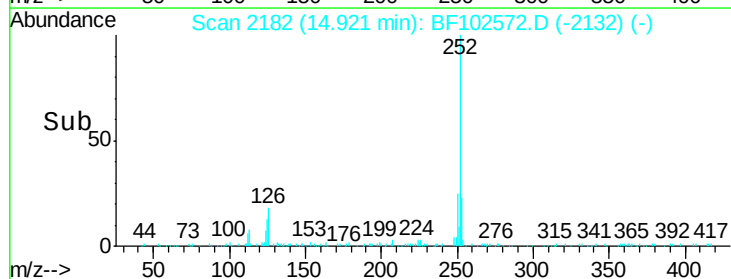
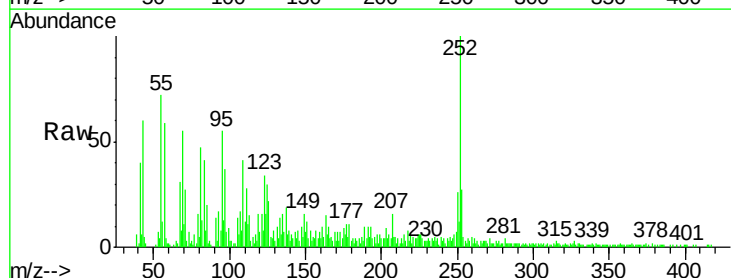
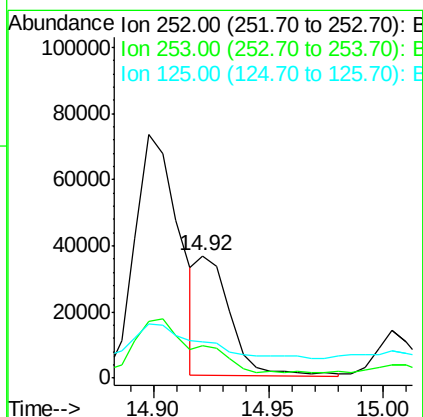
RT: 14.92 min Scan# 2182

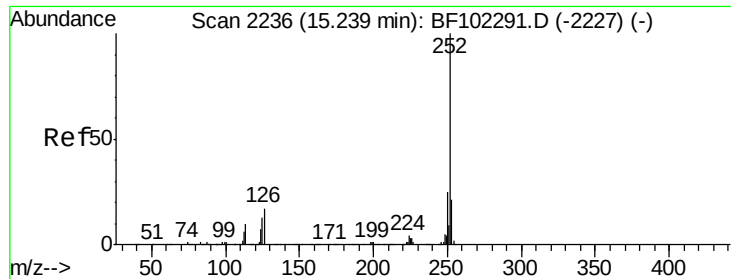
Delta R.T. -0.01 min

Lab File: BF102572.D

Acq: 28 Jan 2018 21:57

Tgt Ion:	252	Resp:	36330
Ion Ratio	Lower	Upper	
252	100		
253	26.6	17.9	26.9
125	29.6	10.2	15.2#





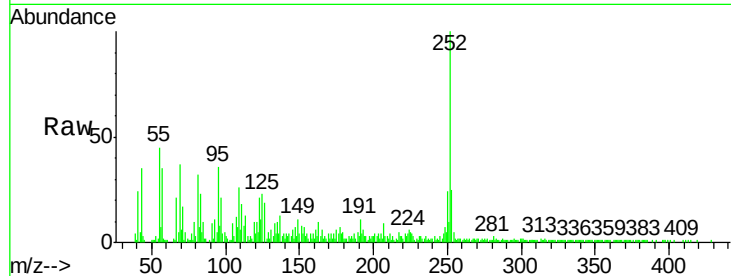
#89
Benzo(a)pyrene
Concen: 5.067 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF102572.D
Acq: 28 Jan 2018 21:57

Instrument :
BNA_F
ClientSampled :
WC-9(5-15)

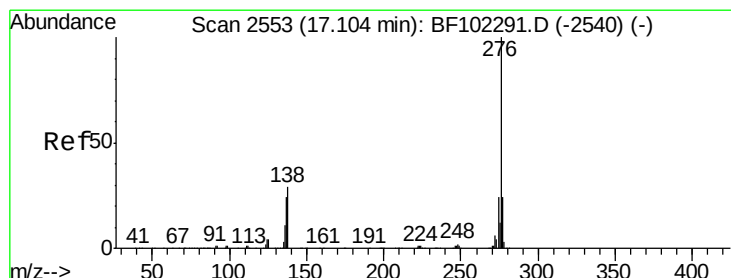
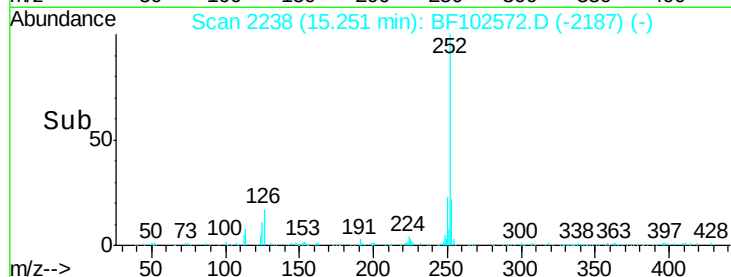
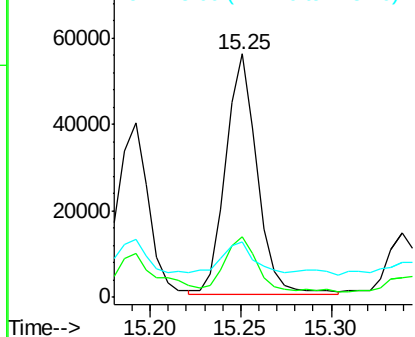
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.1	25.7
125	22.7	9.8	14.6

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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



#91
Benzo(g,h,i)perylene
Concen: 2.790 ng
RT: 17.14 min Scan# 2559
Delta R.T. 0.01 min
Lab File: BF102572.D
Acq: 28 Jan 2018 21:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.8	17.9	26.9
138	34.3	21.8	32.8

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

