

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030118\
 Data File : BF103342.D
 Acq On : 1 Mar 2018 17:43
 Operator : SJ/JU
 Sample : J1721-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-35

Manual Integrations
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 3/2/2018 3:30:48 PM

Quant Time: Mar 02 10:02:59 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	145224	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	554811	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	201109	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	312636	20.00	ng	0.00
75) Chrysene-d12	14.06	240	192586	20.00	ng	0.00
86) Perylene-d12	15.57	264	135517	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	918872	95.70	ng	0.01
7) Phenol-d6	6.52	99	1097441	93.40	ng	0.00
23) Nitrobenzene-d5	7.45	82	681574	70.16	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	138290	81.24	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	899261	74.85	ng	0.00
78) Terphenyl-d14	13.00	244	616425	76.94	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.63	163	84411	5.232	ng	99
70) Phenanthrene	11.43	178	135228	7.860	ng	99
71) Anthracene	11.49	178	54164	3.070	ng	97
74) Fluoranthene	12.63	202	290392	16.796	ng	99
77) Pyrene	12.86	202	273267	18.199	ng	99
80) Benzo(a)anthracene	14.05	228	117434	9.398	ng	97
82) Chrysene	14.09	228	112358	9.261	ng	97
85) Indeno(1,2,3-cd)pyrene	17.10	276	44185	4.600	ng	99
87) Benzo(b)fluoranthene	15.13	252	107929m	12.113	ng	
88) Benzo(k)fluoranthene	15.15	252	39705m	4.732	ng	
89) Benzo(a)pyrene	15.51	252	75410	9.477	ng	# 93
91) Benzo(a,h,i)perylene	17.58	276	45621	7.592	ng	96

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

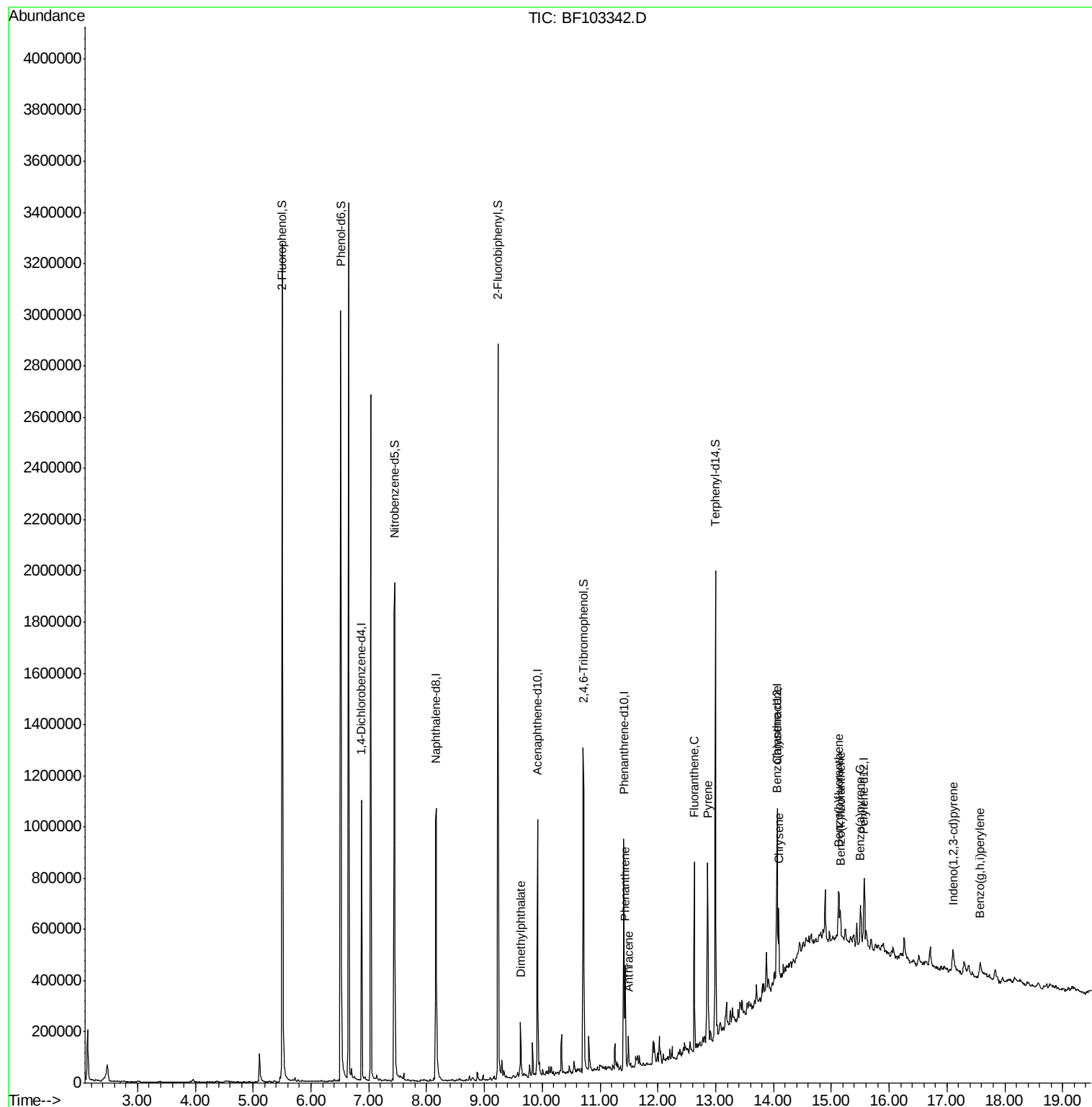
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103342.D
Acq On : 1 Mar 2018 17:43
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#1

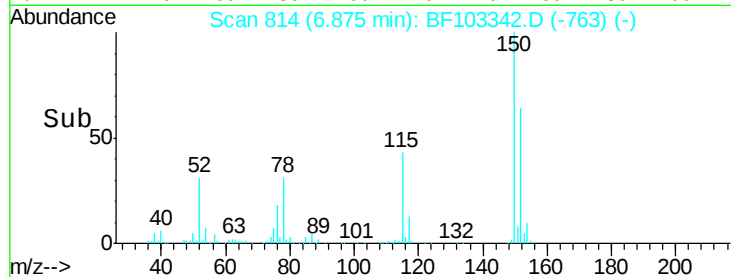
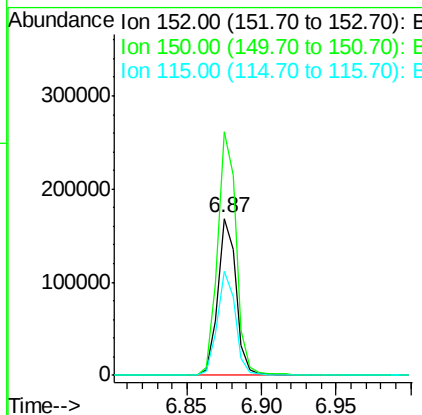
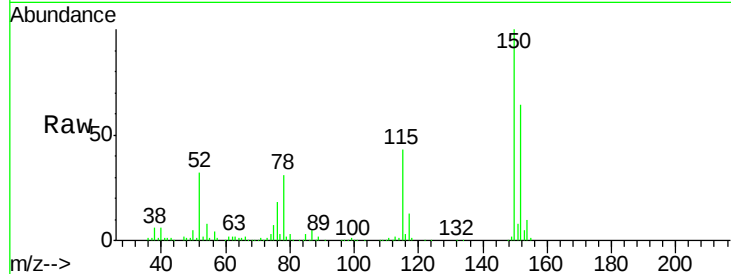
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Instrument :
BNA_F
ClientSampled :
SP-35

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	66.0	50.1	75.1

Manual Integrations
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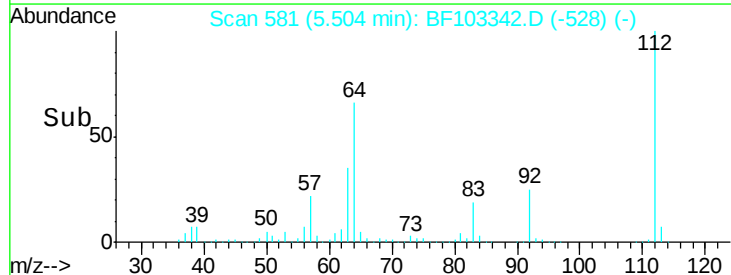
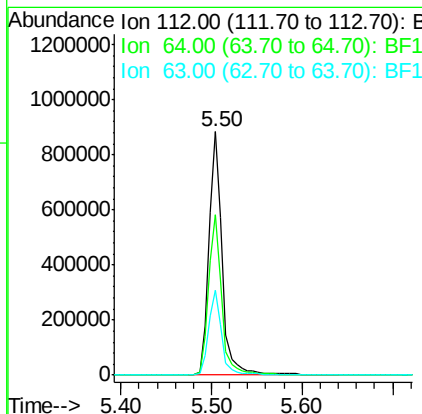
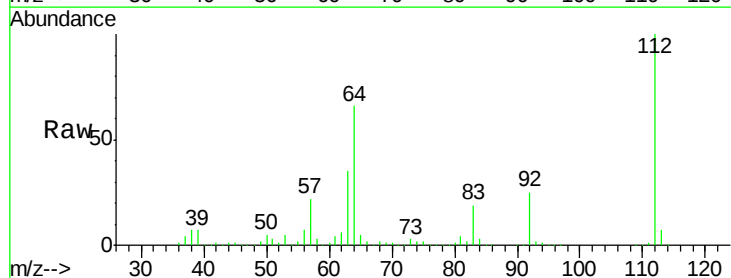
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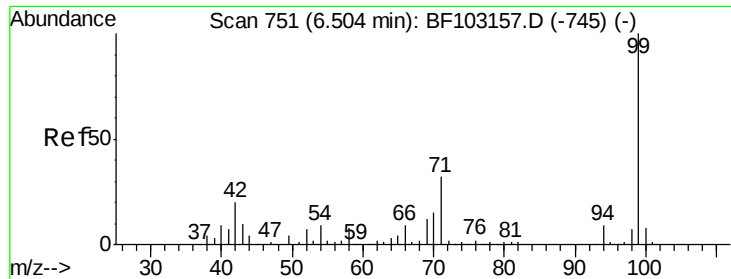


#5

2-Fluorophenol
Concen: 95.695 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.8	47.9	71.9
63	35.0	23.7	35.5





#7

Phenol-d6

Concen: 93.403 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103342.D

Acq: 1 Mar 2018 17:43

Instrument :

BNA_F

ClientSampled :

SP-35

Tot Ion: 99 Resp: 1097441

Ion Ratio Lower Upper

99 100

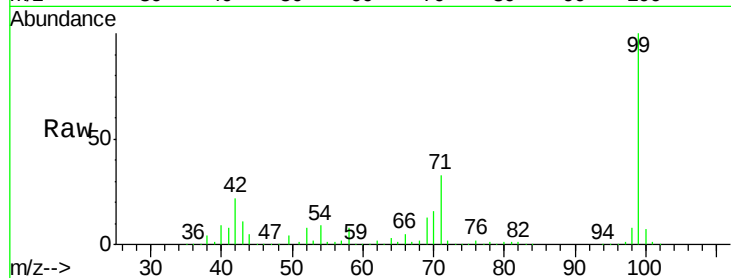
42 21.7 14.5 21.7#

71 33.5 25.4 38.0

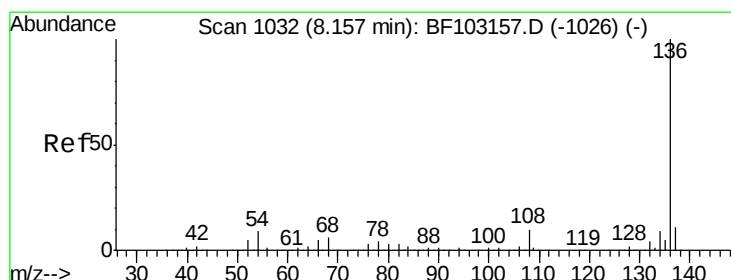
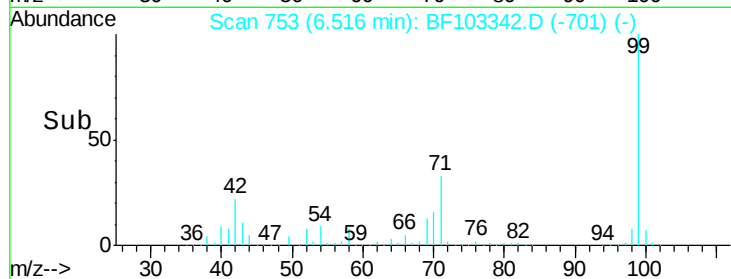
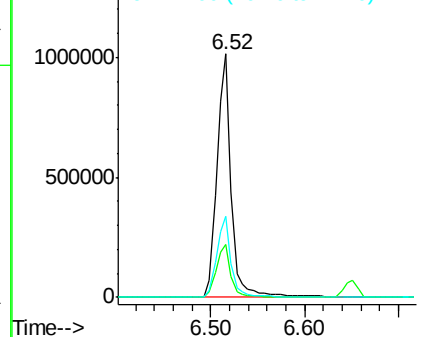
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF103342.D

Acq: 1 Mar 2018 17:43

Tgt Ion: 136 Resp: 554811

Ion Ratio Lower Upper

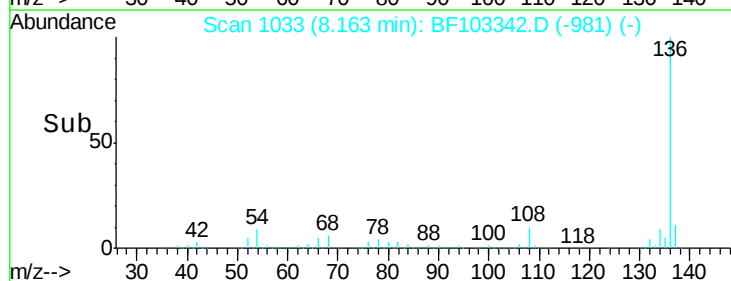
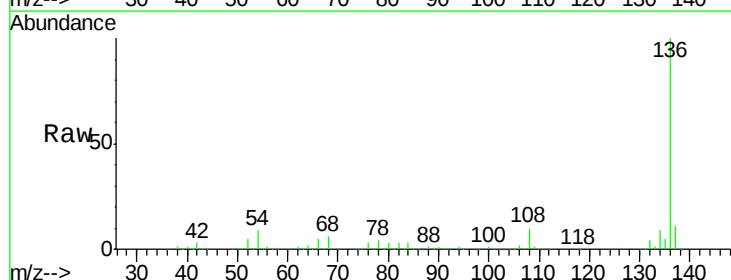
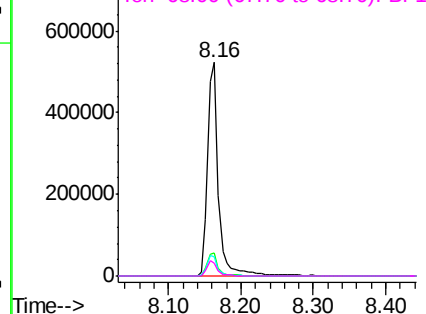
136 100

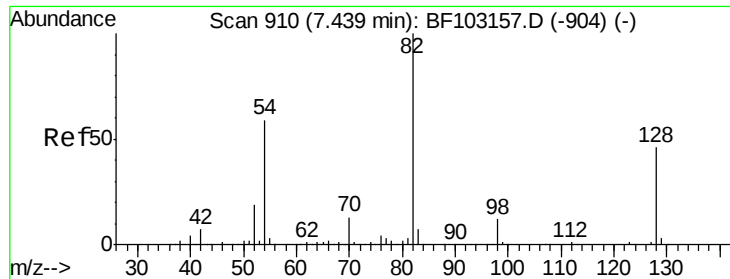
137 10.6 8.9 13.3

54 8.9 6.6 9.8

68 6.2 5.0 7.4

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





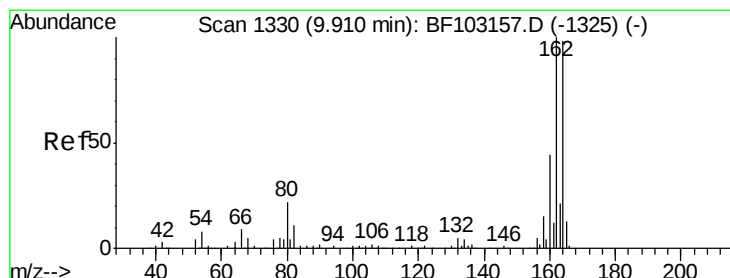
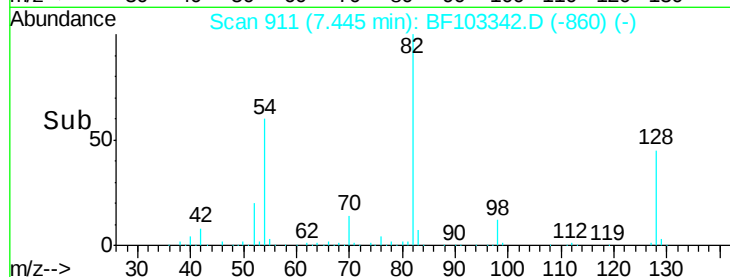
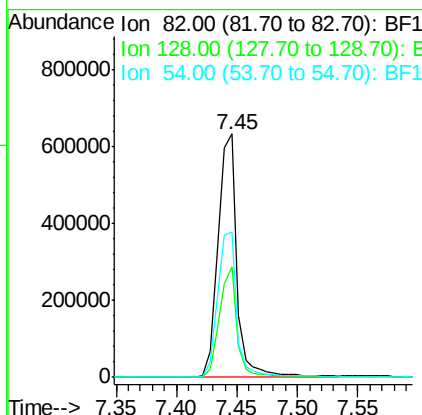
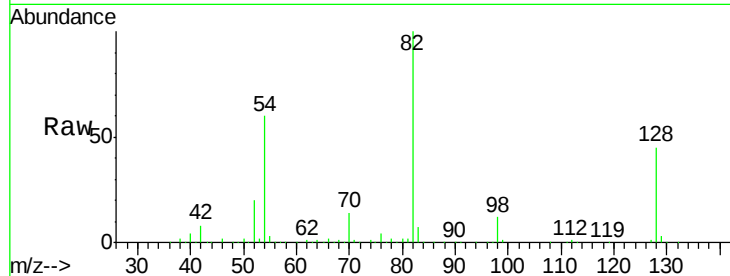
#23
Nitrobenzene-d5
Concen: 70.157 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Instrument :
BNA_F
ClientSampled :
SP-35

Tot Ion	Ratio	Resp	Lower	Upper
82	100	681574		
128	45.1	36.1	54.1	
54	59.8	41.4	62.2	

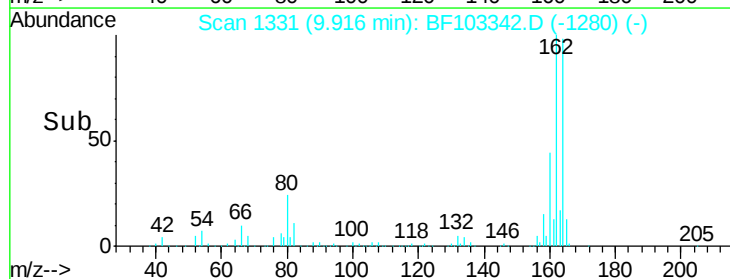
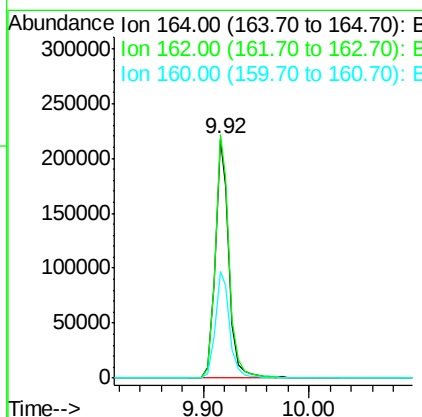
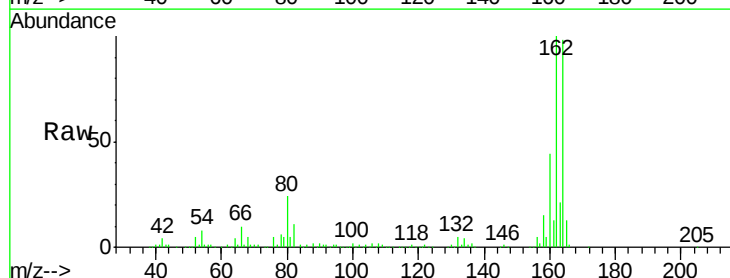
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	201109		
162	102.0	86.1	129.1	
160	44.8	38.3	57.5	





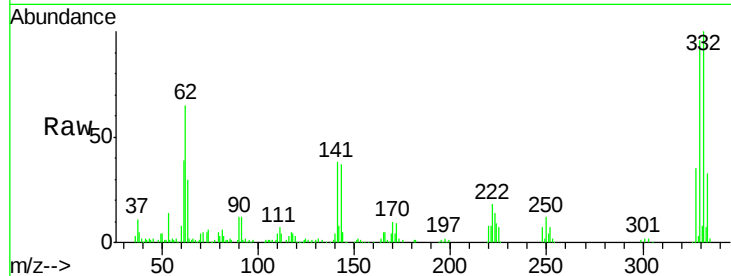
#41
 2,4,6-Tribromophenol
 Concen: 81.238 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF103342.D
 Acq: 1 Mar 2018 17:43

Instrument :
 BNA_F
 ClientSampled :
 SP-35

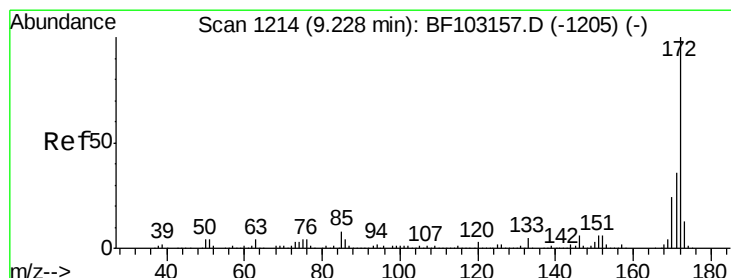
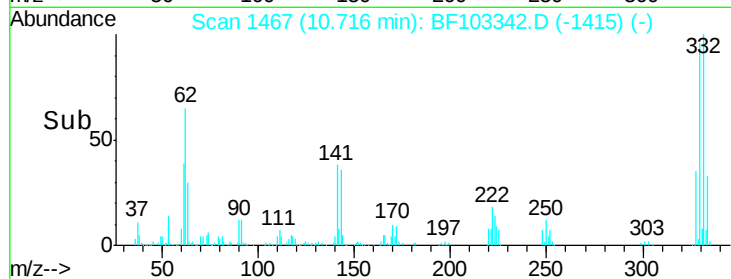
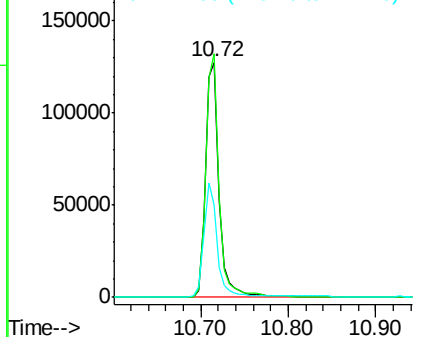
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	101.5	77.0	115.6	
141	47.7	29.9	44.9	

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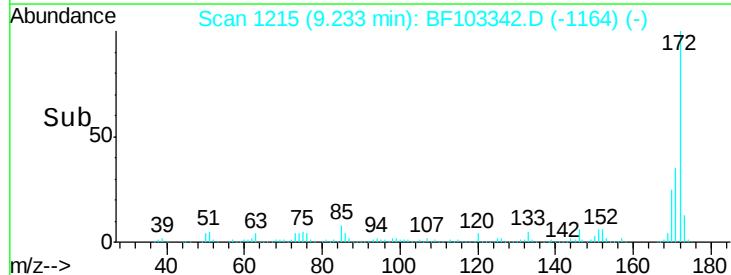
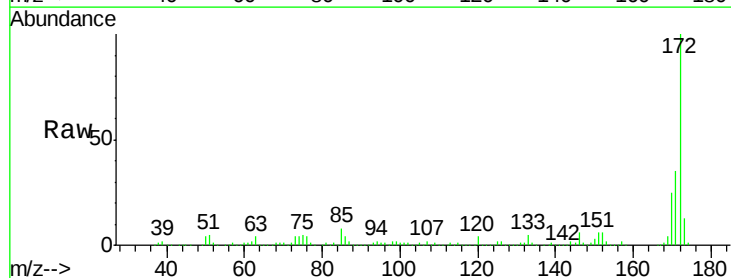
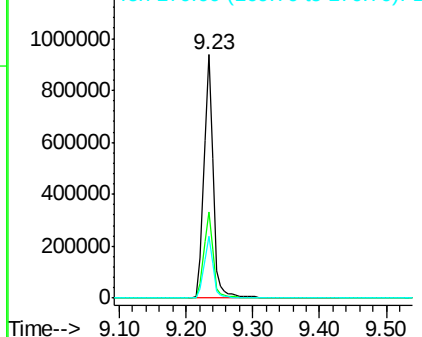
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

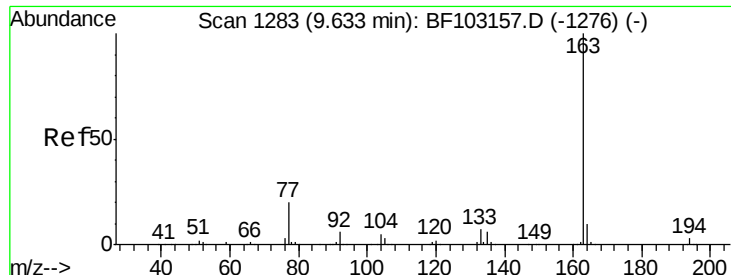


#44
 2-Fluorobiphenyl
 Concen: 74.853 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF103342.D
 Acq: 1 Mar 2018 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.3	29.7	44.5	
170	25.3	19.6	29.4	

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





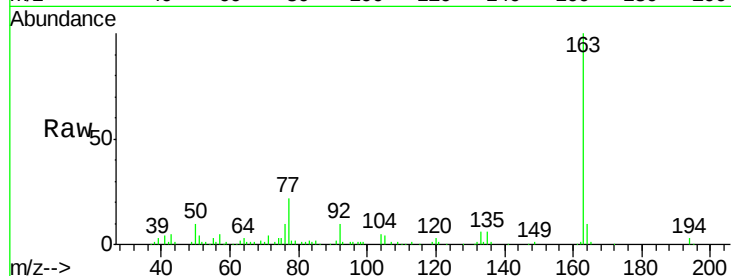
#49
Dimethylphthalate
Concen: 5.232 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Instrument :
BNA_F
ClientSampled :
SP-35

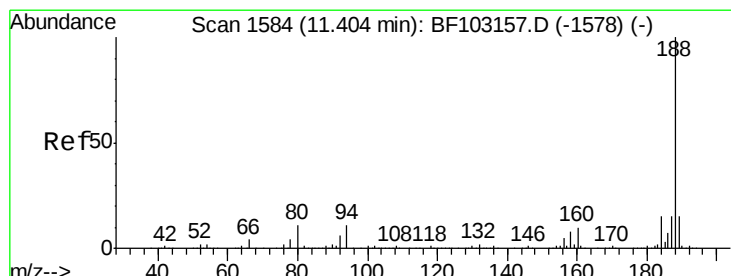
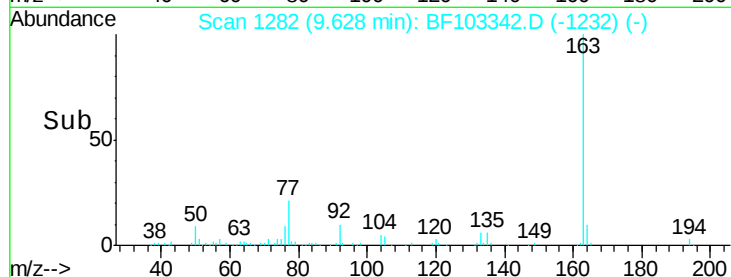
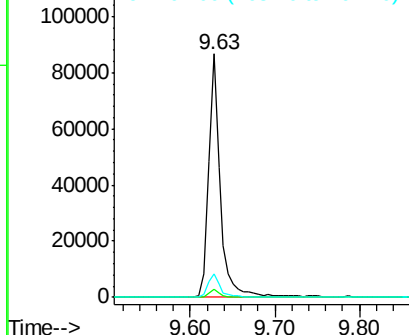
Tot Ion	Ion	Ratio	Lower	Upper
163	100			
194	3.2	2.7	4.1	
164	9.6	8.2	12.2	

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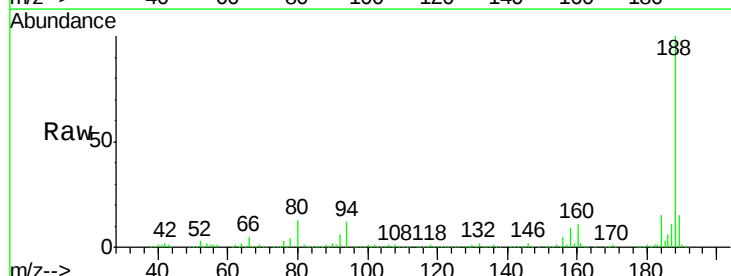


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

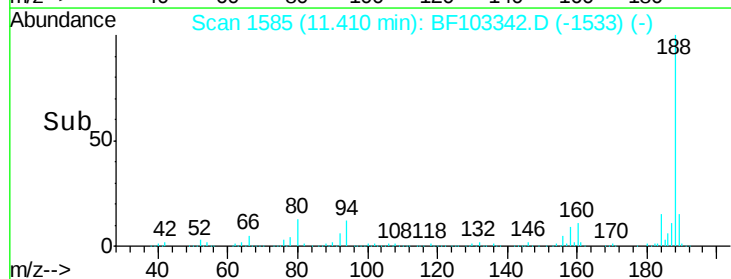
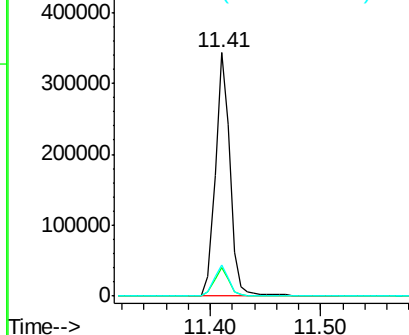


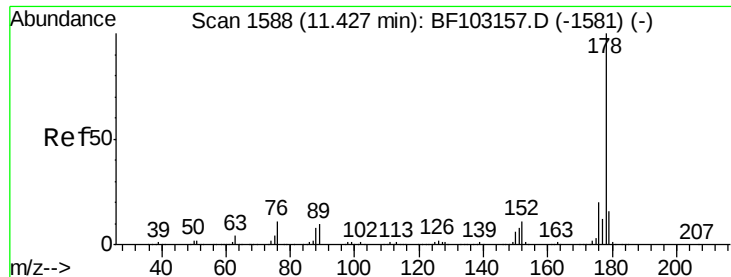
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	11.7	8.5	12.7	
80	12.9	9.2	13.8	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





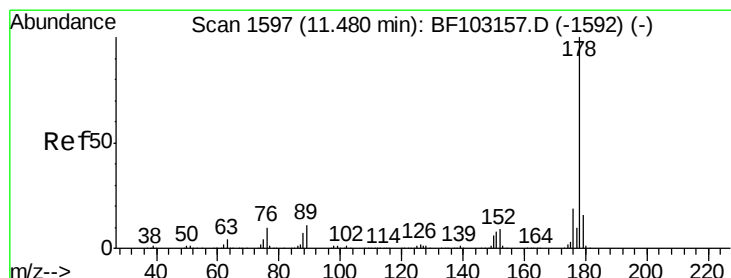
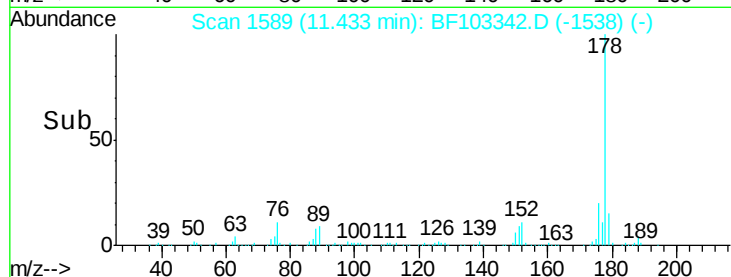
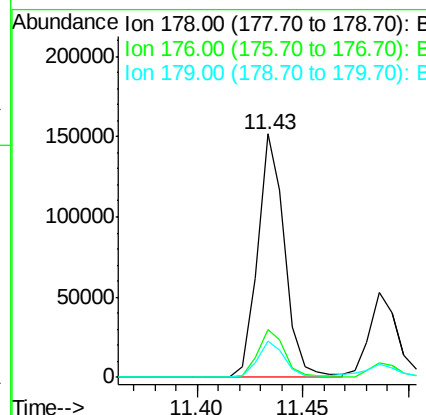
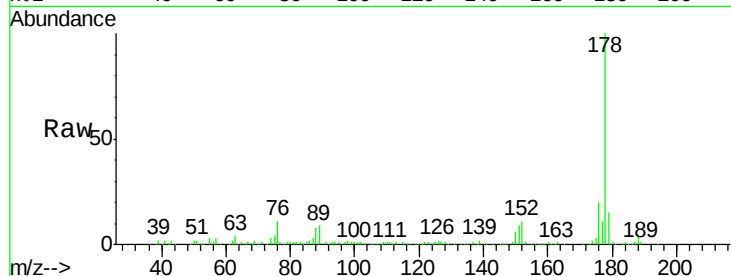
#70
Phenanthrene
Concen: 7.860 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Instrument :
BNA_F
ClientSampled :
SP-35

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.1	13.0	19.6

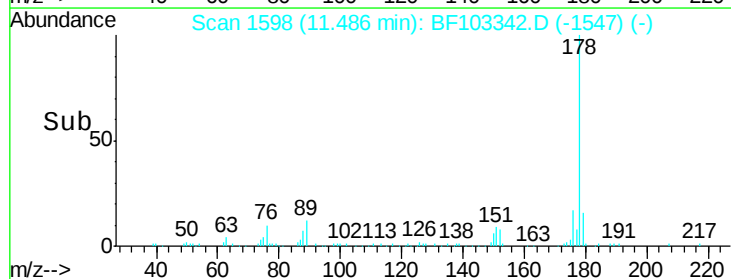
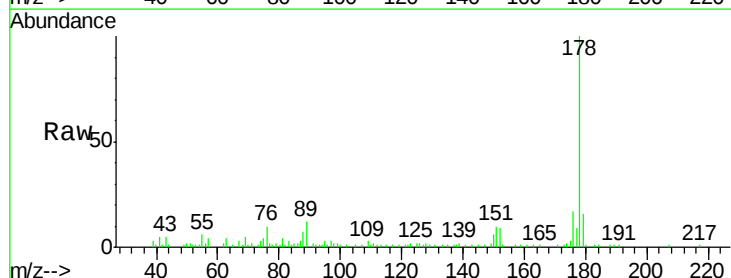
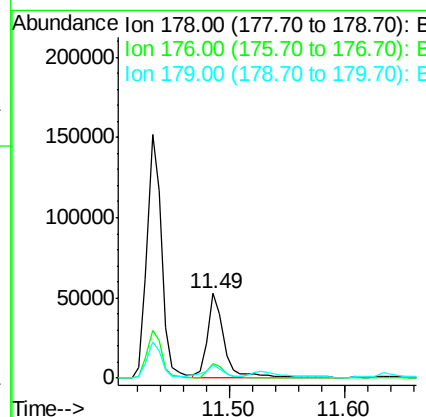
Manual Integrations
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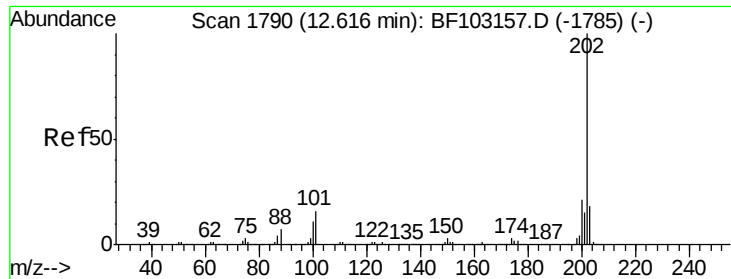
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#71
Anthracene
Concen: 3.070 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.0	15.4	23.2
179	15.6	12.6	19.0





#74

Fluoranthene

Concen: 16.796 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF103342.D

Acq: 1 Mar 2018 17:43

Instrument :

BNA_F

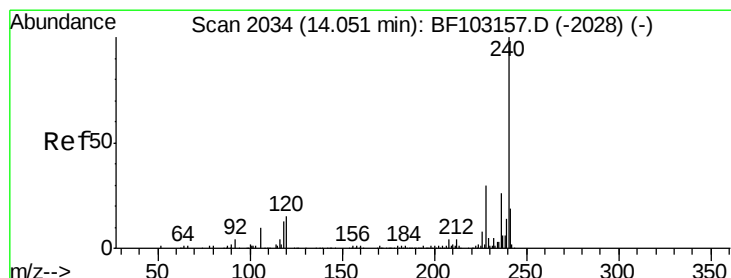
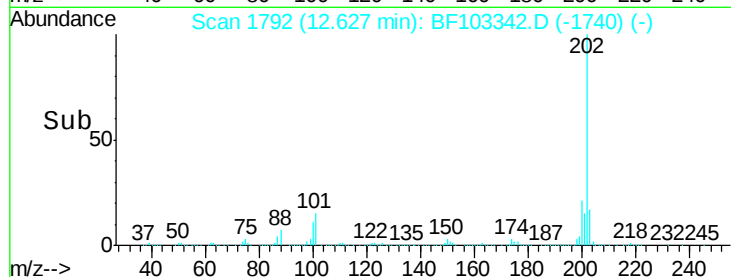
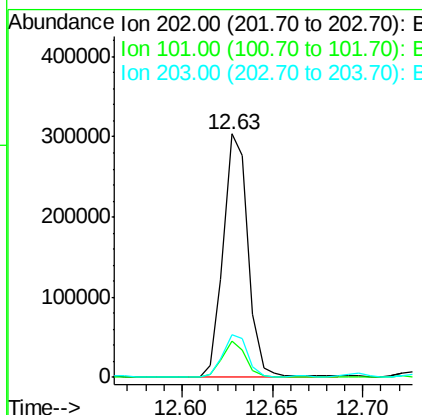
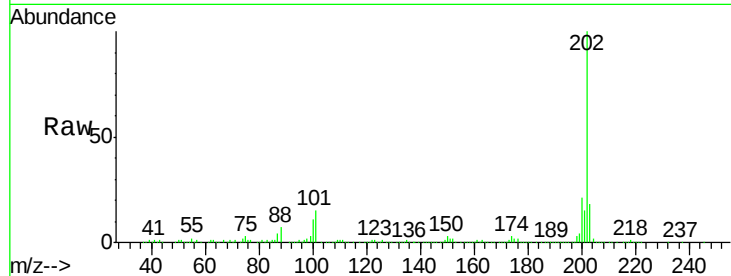
ClientSampleId :

SP-35

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.7	0.0	34.1
203	17.5	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

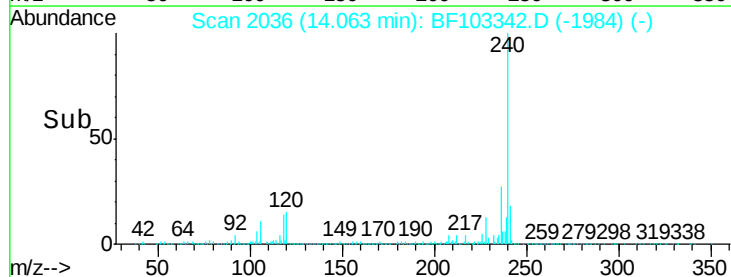
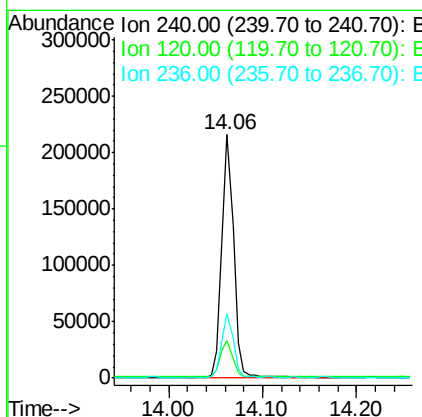
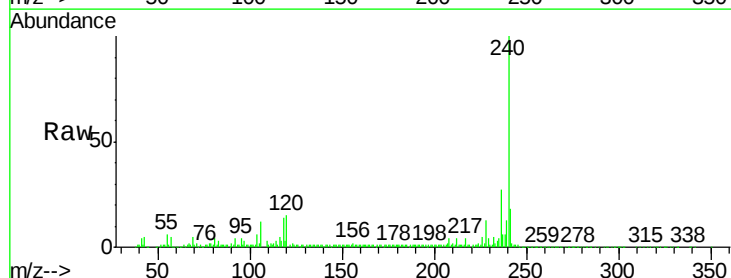
RT: 14.06 min Scan# 2036

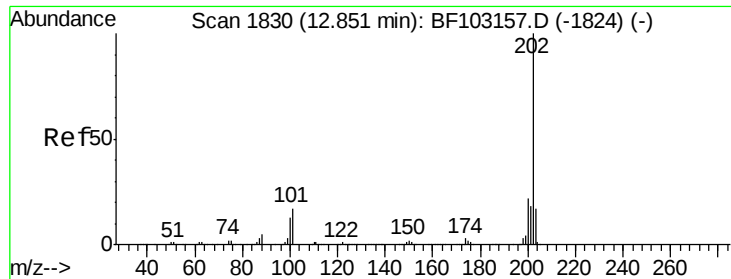
Delta R.T. 0.01 min

Lab File: BF103342.D

Acq: 1 Mar 2018 17:43

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.4	9.5	14.3#
236	26.7	20.7	31.1





#77

Pvrene

Concen: 18.199 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF103342.D

Acq: 1 Mar 2018 17:43

Instrument :

BNA_F

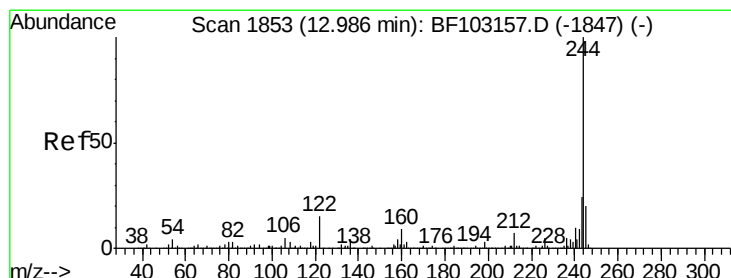
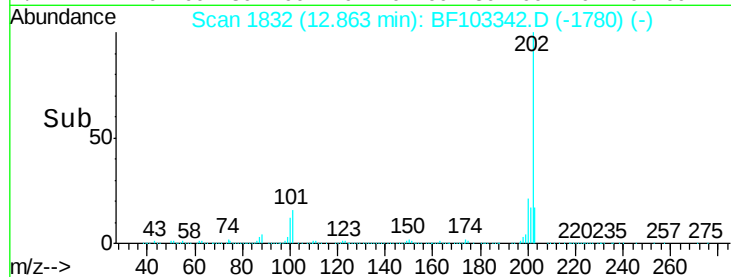
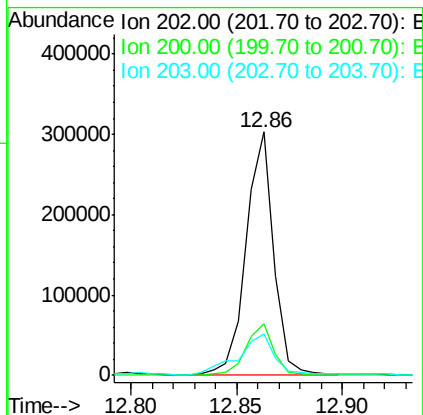
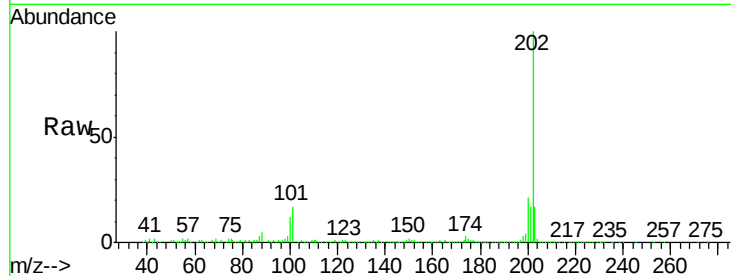
ClientSampled :

SP-35

Tot Ion:	202	Resp:	273267
Ion Ratio		Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.2	14.3	21.5

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#78

Terphenyl-d14

Concen: 76.942 ng

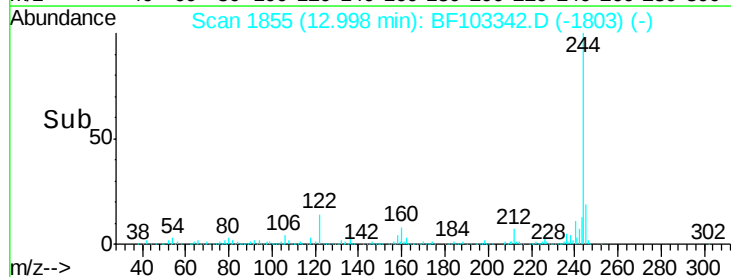
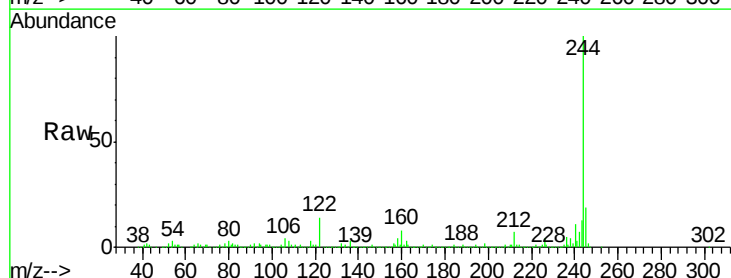
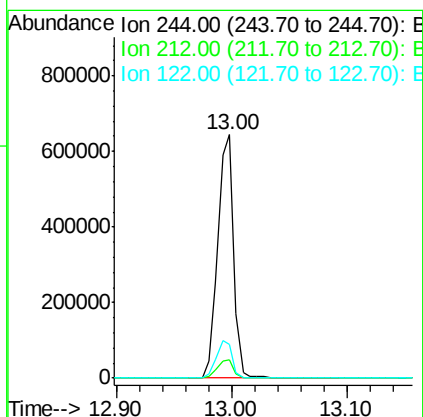
RT: 13.00 min Scan# 1855

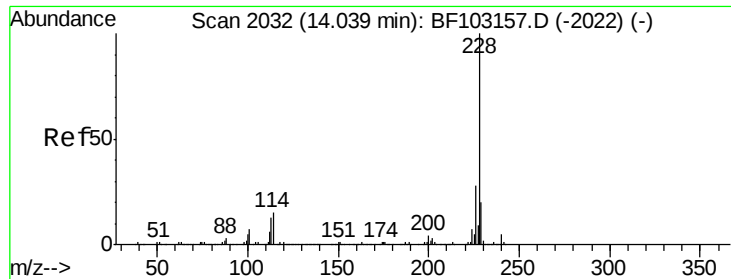
Delta R.T. 0.01 min

Lab File: BF103342.D

Acq: 1 Mar 2018 17:43

Tgt Ion:	244	Resp:	616425
Ion Ratio		Lower	Upper
244	100		
212	7.3	5.4	8.0
122	13.7	11.0	16.4





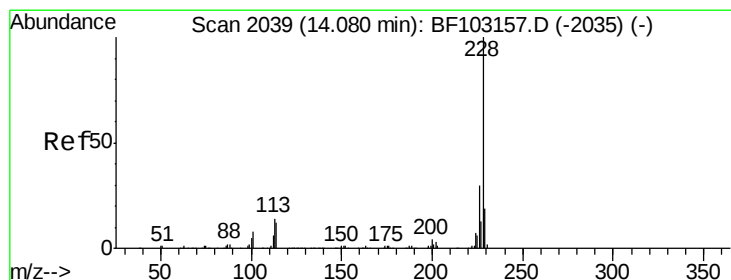
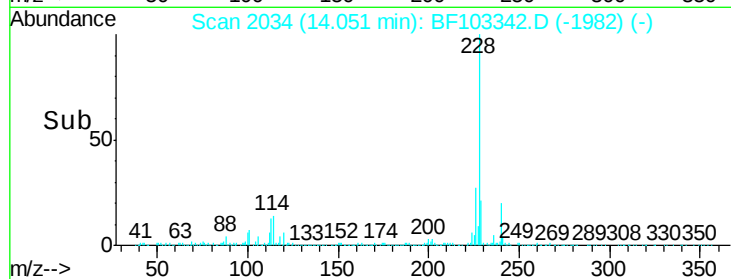
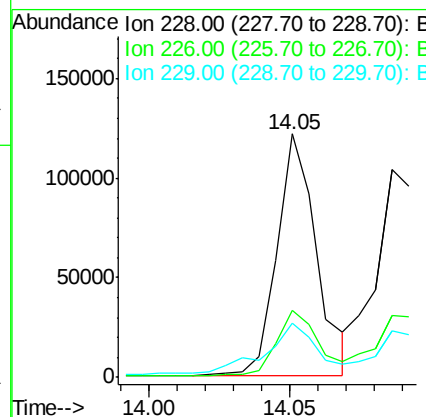
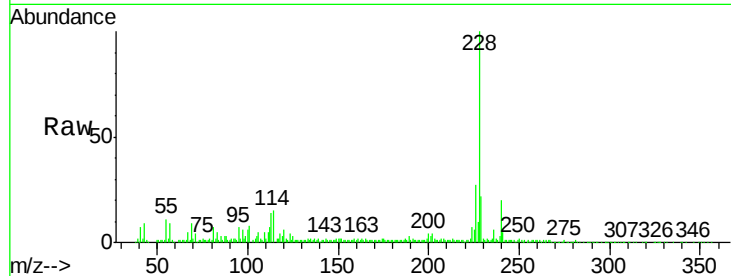
#80
Benzo(a)anthracene
Concen: 9.398 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Instrument :
BNA_F
ClientSampleId :
SP-35

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	22.0	15.8	23.6

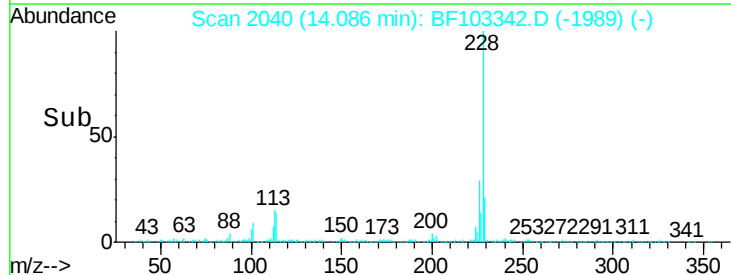
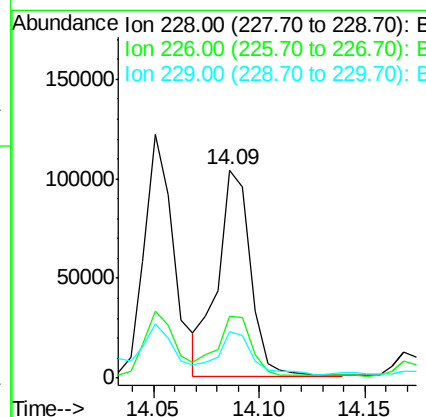
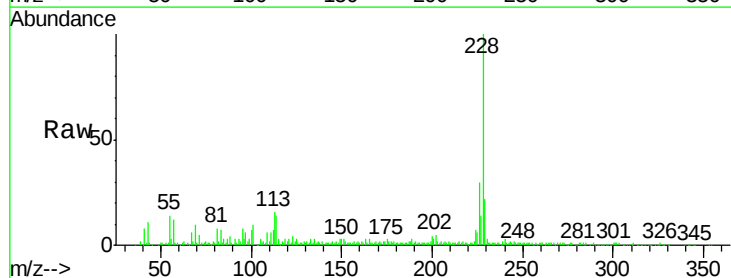
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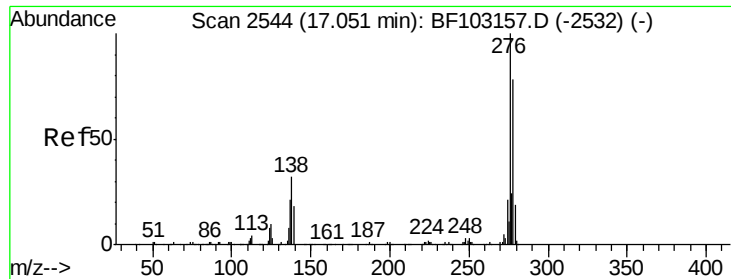
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#82
Chrysene
Concen: 9.261 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	22.2	16.2	24.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 4.600 ng

RT: 17.10 min Scan# 2553

Delta R.T. 0.02 min

Lab File: BF103342.D

Acq: 1 Mar 2018 17:43

Instrument :

BNA_F

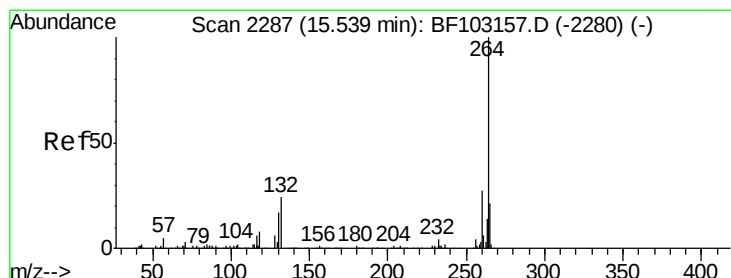
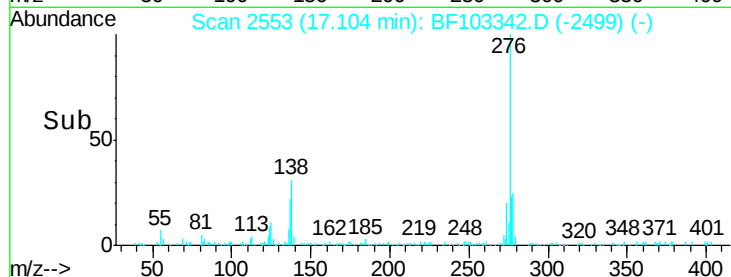
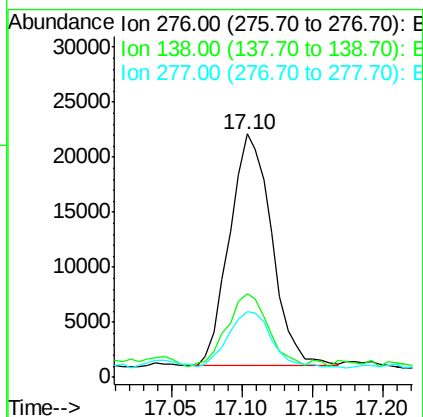
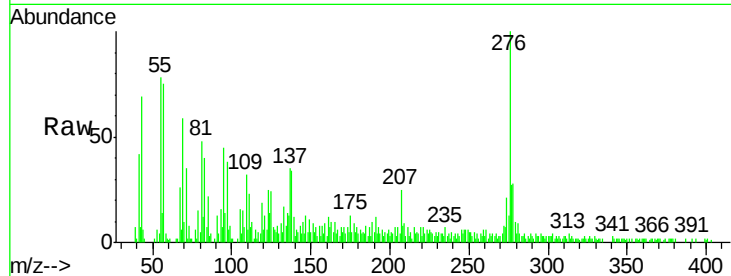
ClientSampled :

SP-35

Tot Ion:	276	Resp:	44185
Ion Ratio	Lower	Upper	
276	100		
138	31.0	25.0	37.6
277	26.0	20.1	30.1

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#86

Perylene-d12

Concen: 20.000 ng

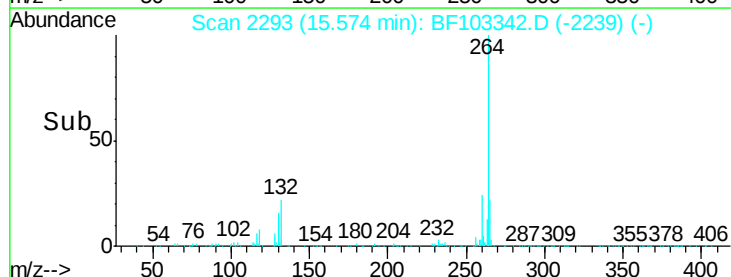
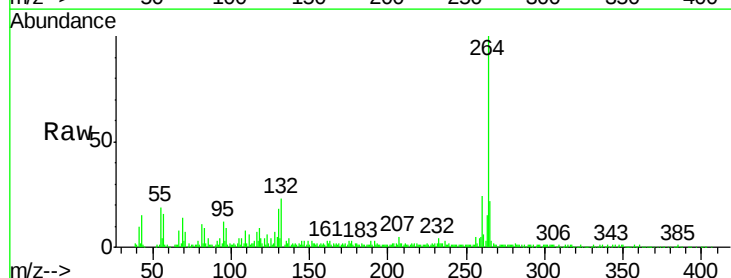
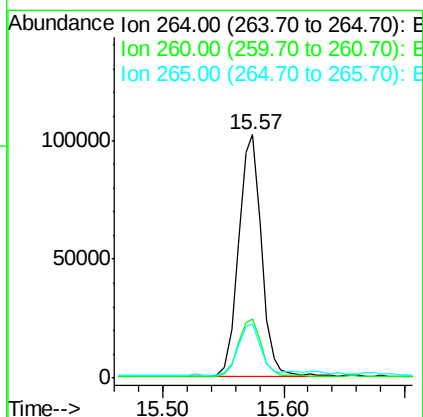
RT: 15.57 min Scan# 2293

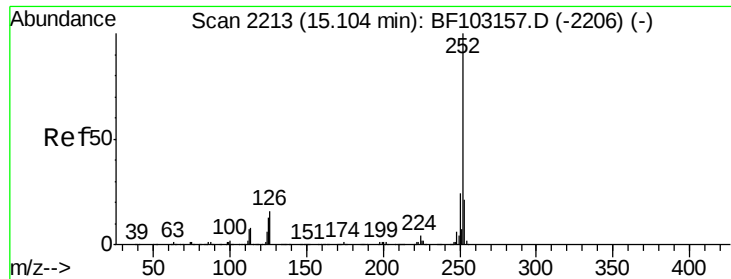
Delta R.T. 0.02 min

Lab File: BF103342.D

Acq: 1 Mar 2018 17:43

Tgt Ion:	264	Resp:	135517
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.2	28.8
265	22.3	17.5	26.3





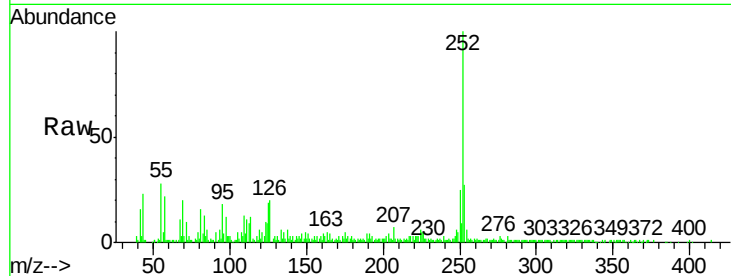
#87
Benzo(b)fluoranthene
Concen: 12.113 ng m
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Instrument :
BNA_F
ClientSampled :
SP-35

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.0	25.6#
125	19.3	9.0	13.6#

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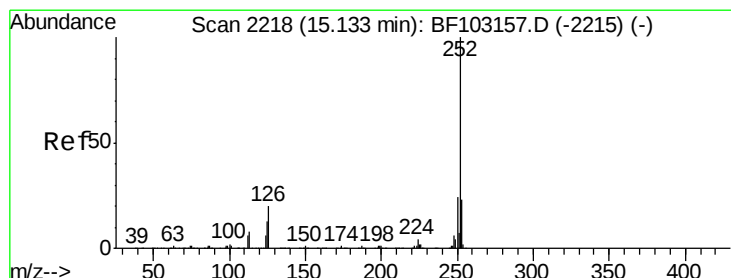
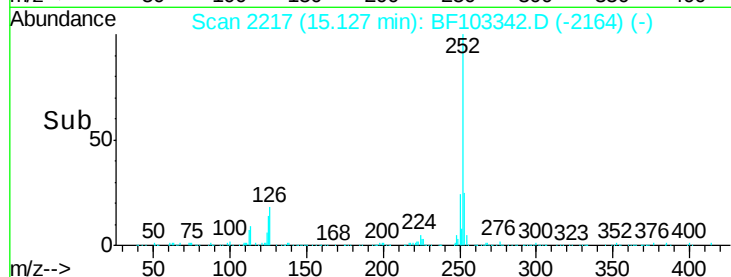
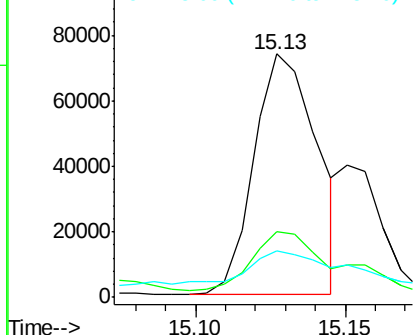


Abundance

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: 4.732 ng m
RT: 15.15 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

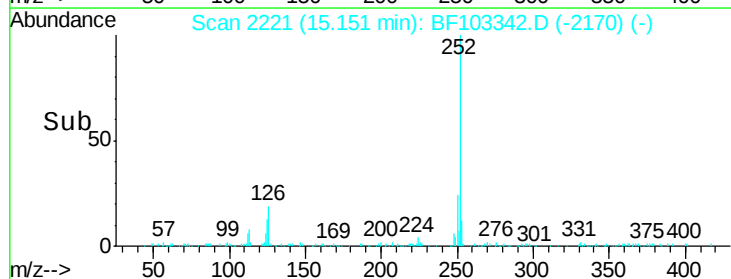
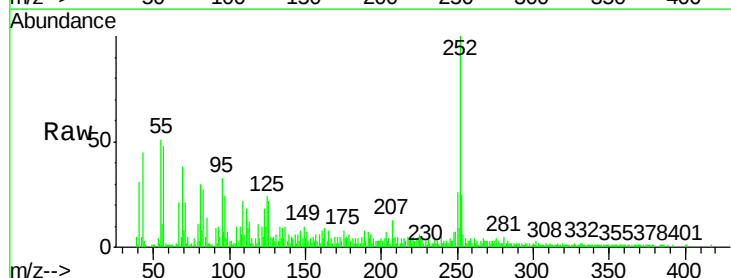
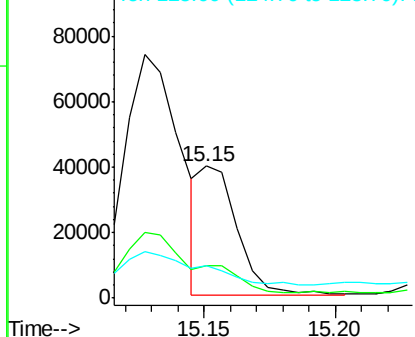
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.9	26.9
125	24.3	10.2	15.2#

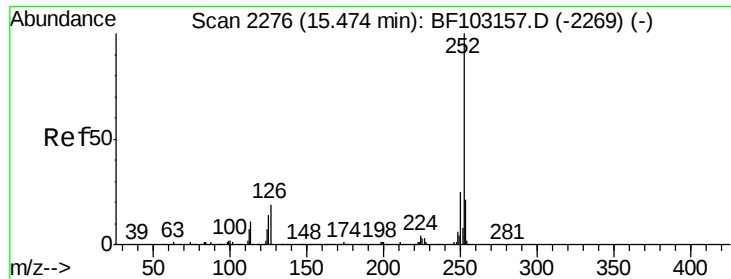
Abundance

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





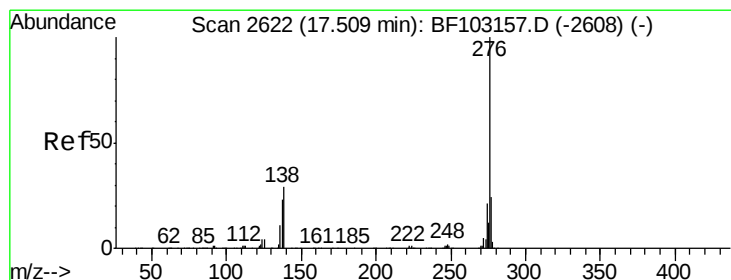
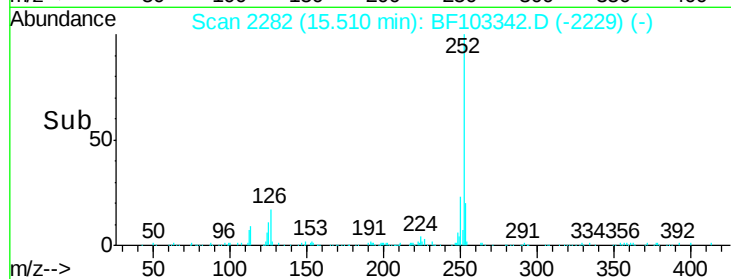
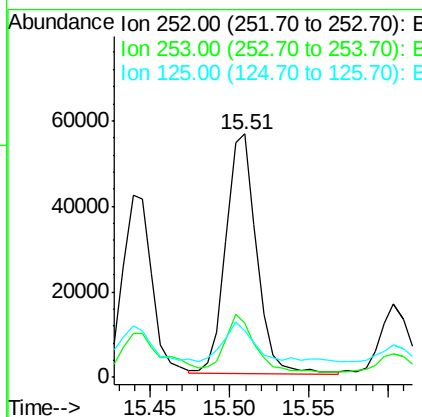
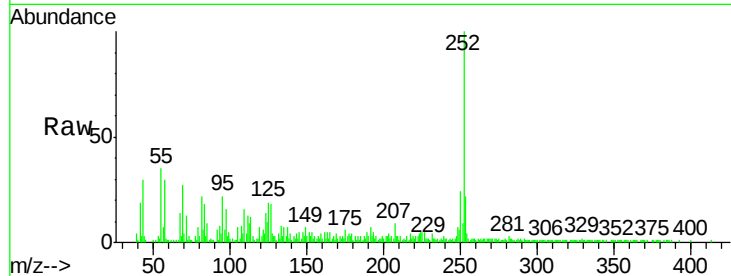
#89
Benzo(a)pyrene
Concen: 9.477 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Instrument :
BNA_F
ClientSampled :
SP-35

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	19.0	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 7.592 ng
RT: 17.58 min Scan# 2634
Delta R.T. 0.04 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	30.0	21.8	32.8

