

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030218\
 Data File : BF103382.D
 Acq On : 2 Mar 2018 22:48
 Operator : SJ/JU
 Sample : J1721-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-34

Manual Integrations
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Quant Time: Mar 03 00:21:13 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 02 13:28:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	149706	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	633364	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	244638	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	317977	20.00	ng	0.00
75) Chrysene-d12	14.06	240	231258	20.00	ng	0.00
86) Perylene-d12	15.57	264	164542	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1026645	103.72	ng	0.00
7) Phenol-d6	6.52	99	1186211	97.94	ng	0.00
23) Nitrobenzene-d5	7.45	82	771293	69.55	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	159684	77.11	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1037466	70.02	ng	0.00
78) Terphenyl-d14	13.00	244	606217	63.01	ng	0.00
Target Compounds						
10) Phenol	6.53	94	35295	2.510	ng	81
49) Dimethylphthalate	9.63	163	105608	5.381	ng	99
70) Phenanthrene	11.43	178	184481	10.542	ng	99
71) Anthracene	11.49	178	62959	3.509	ng	98
74) Fluoranthene	12.63	202	320120	18.204	ng	99
77) Pyrene	12.86	202	307856	17.074	ng	98
80) Benzo(a)anthracene	14.06	228	154270	10.281	ng	98
82) Chrysene	14.09	228	147303	10.110	ng	97
85) Indeno(1,2,3-cd)pyrene	17.12	276	47794	4.144	ng	98
87) Benzo(b)fluoranthene	15.13	252	153566m	14.195	ng	
88) Benzo(k)fluoranthene	15.16	252	40939m	4.019	ng	
89) Benzo(a)pyrene	15.51	252	95599	9.895	ng	# 89
91) Benzo(a,h,i)perylene	17.59	276	49795	6.825	ng	# 86

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

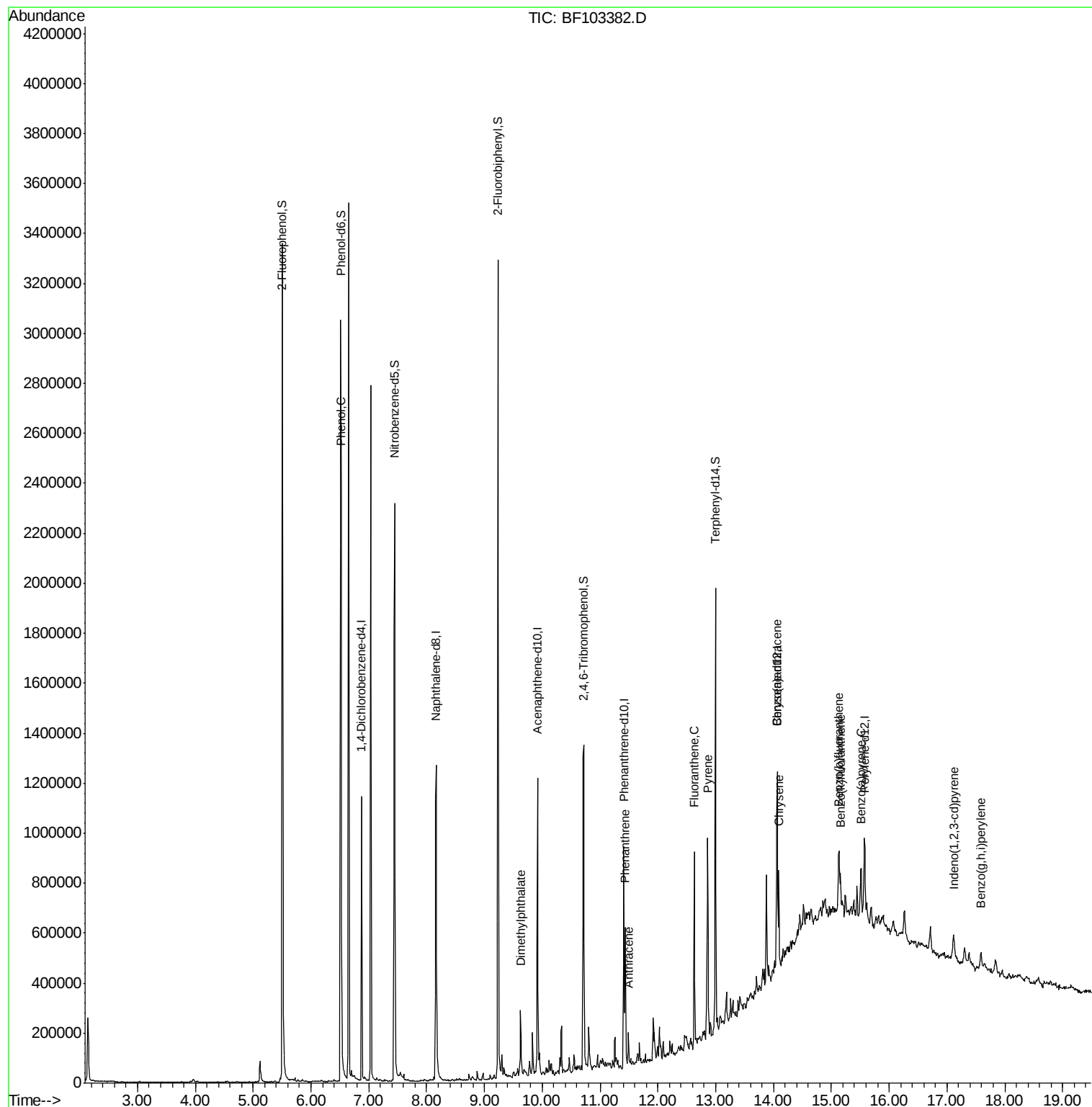
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030218\
Data File : BF103382.D
Acq On : 2 Mar 2018 22:48
Operator : SJ/JU
Sample : J1721-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

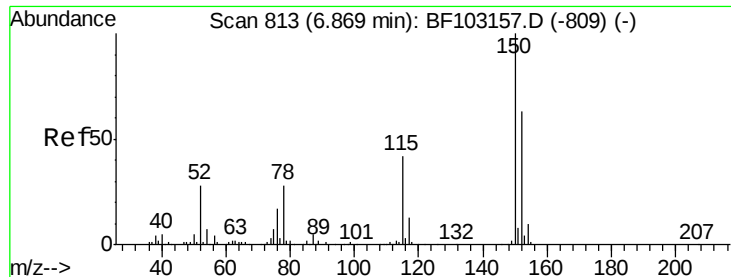
Instrument :
BNA_F
ClientSampleId :
SP-34

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#1

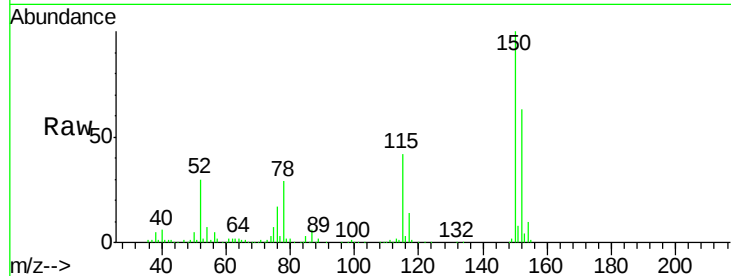
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103382.D
Acq: 2 Mar 2018 22:48

Instrument :
BNA_F
ClientSampled :
SP-34

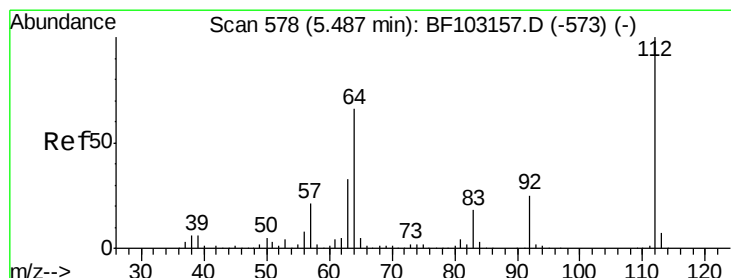
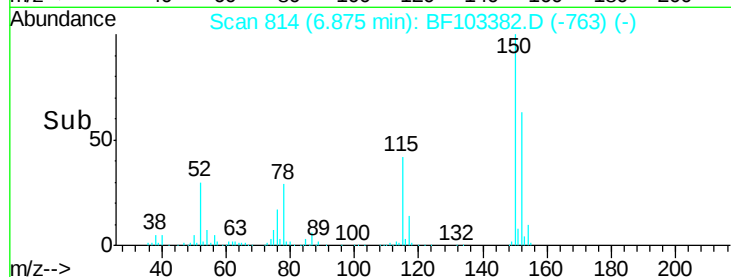
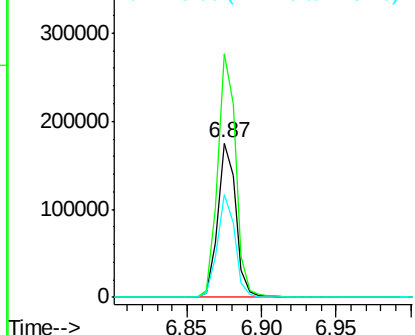
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	66.7	50.1	75.1

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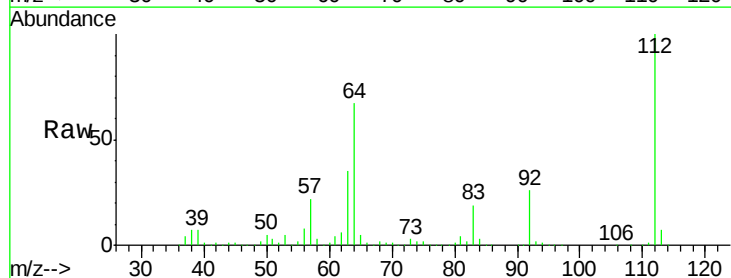
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



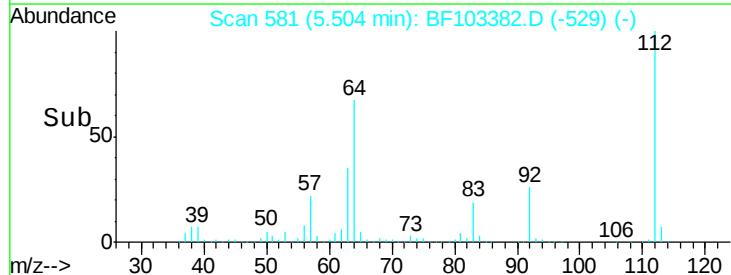
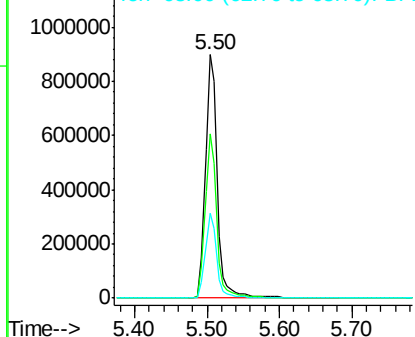
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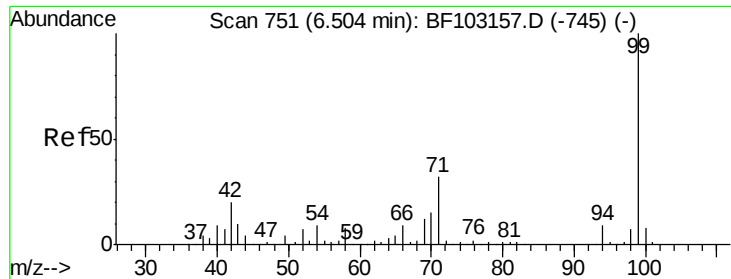
2-Fluorophenol
Concen: 103.718 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103382.D
Acq: 2 Mar 2018 22:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	47.9	71.9
63	35.1	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: 97.936 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF103382.D

Acq: 2 Mar 2018 22:48

Instrument :

BNA_F

ClientSampled :

SP-34

Tot Ion: 99 Resp: 1186211

Ion Ratio Lower Upper

99 100

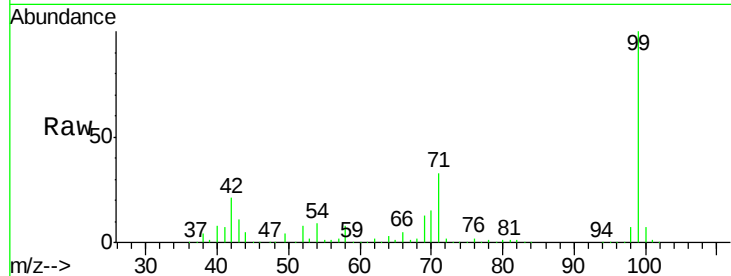
42 20.7 14.5 21.7

71 33.2 25.4 38.0

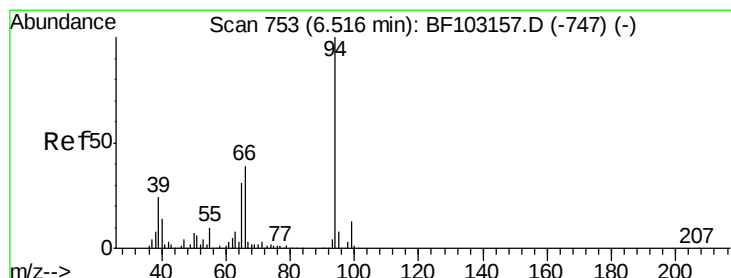
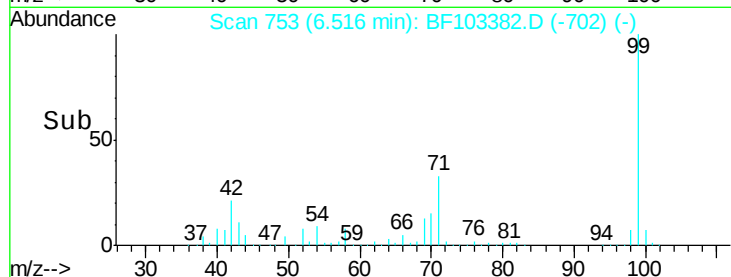
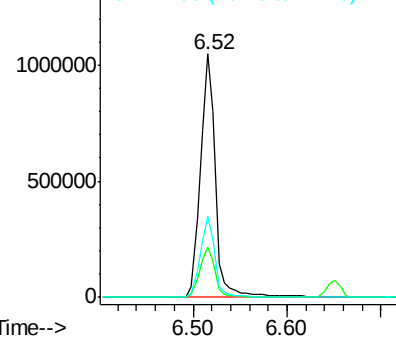
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.510 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF103382.D

Acq: 2 Mar 2018 22:48

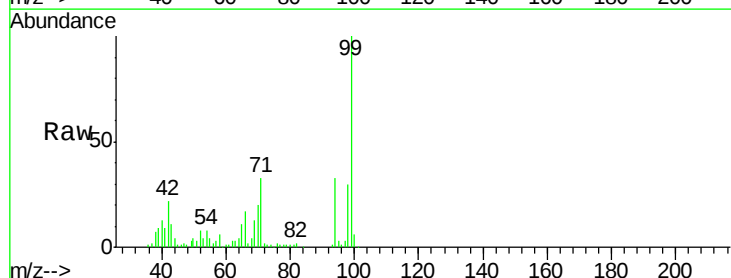
Tgt Ion: 94 Resp: 35295

Ion Ratio Lower Upper

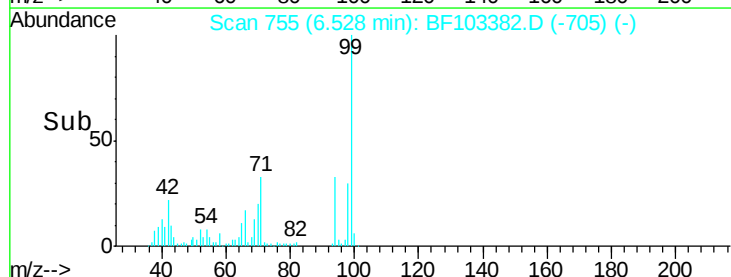
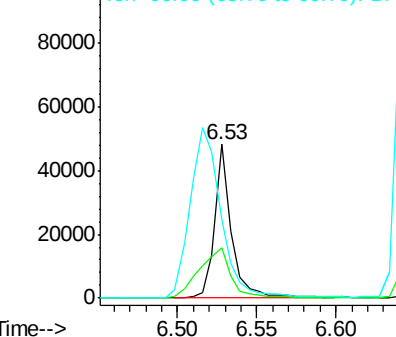
94 100

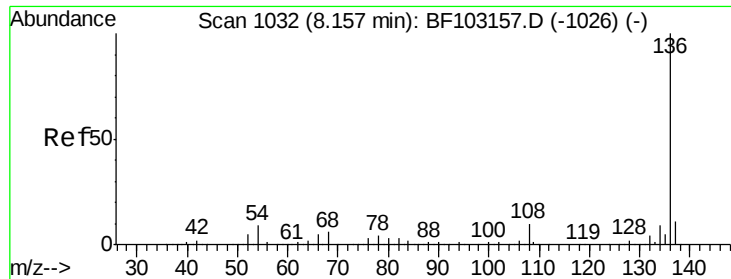
65 33.1 7.9 47.9

66 51.1 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





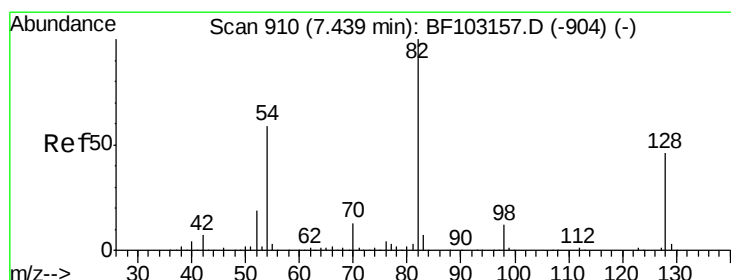
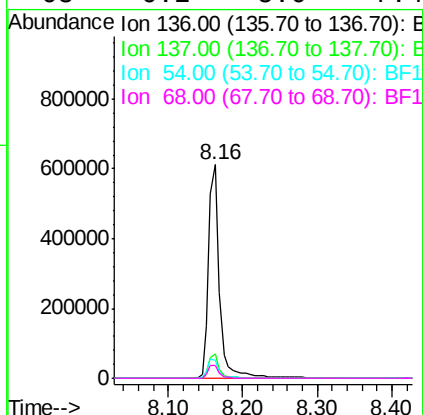
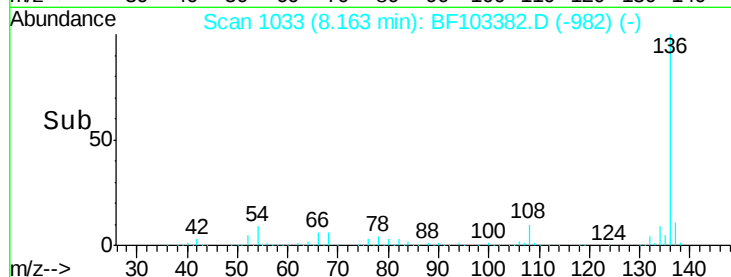
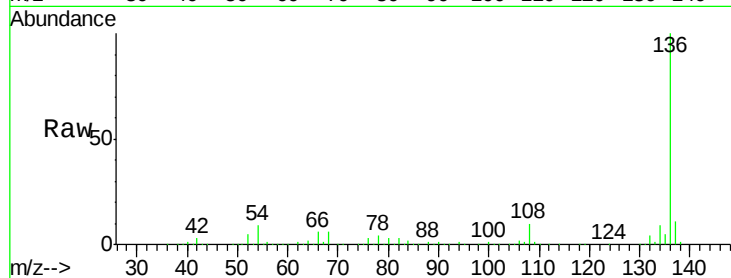
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF103382.D
Acq: 2 Mar 2018 22:48

Instrument :
BNA_F
ClientSampled :
SP-34

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		633364		
137	11.2	8.9	13.3		
54	8.6	6.6	9.8		
68	6.2	5.0	7.4		

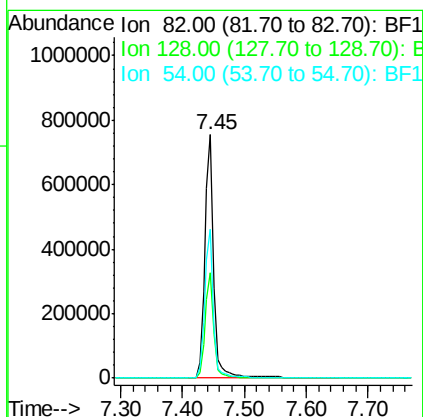
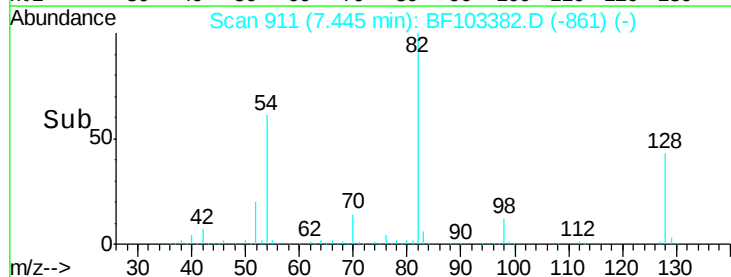
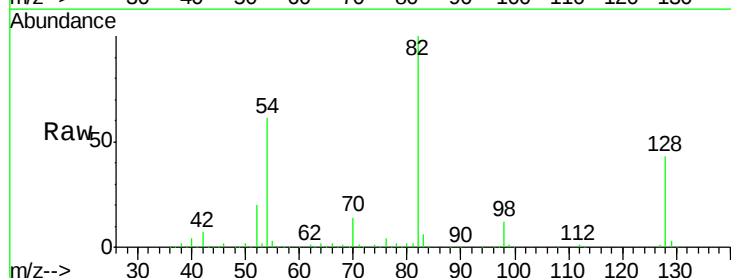
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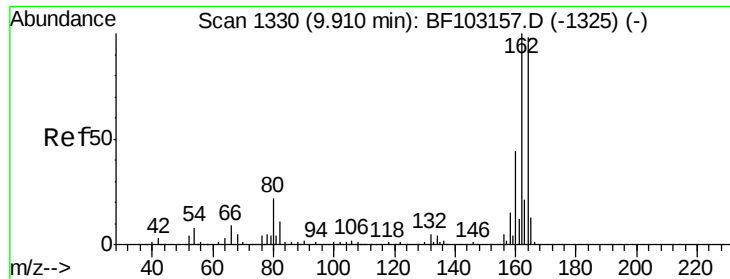
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#23
Nitrobenzene-d5
Concen: 69.545 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF103382.D
Acq: 2 Mar 2018 22:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		771293		
128	43.4	36.1	54.1		
54	60.9	41.4	62.2		





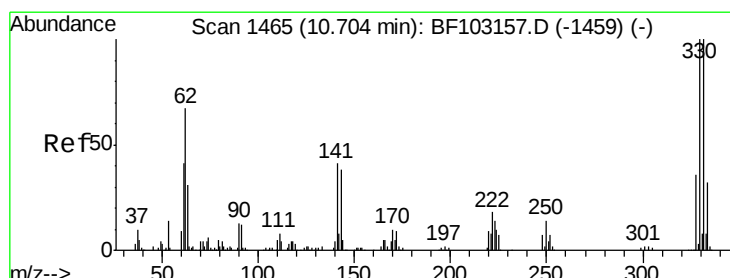
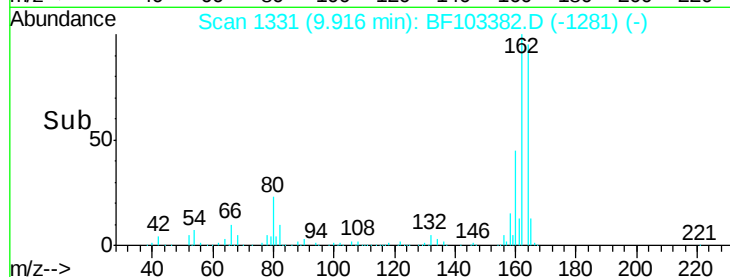
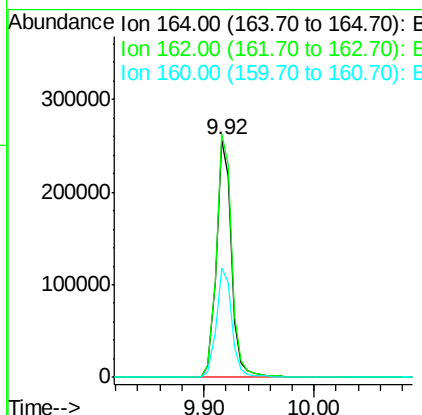
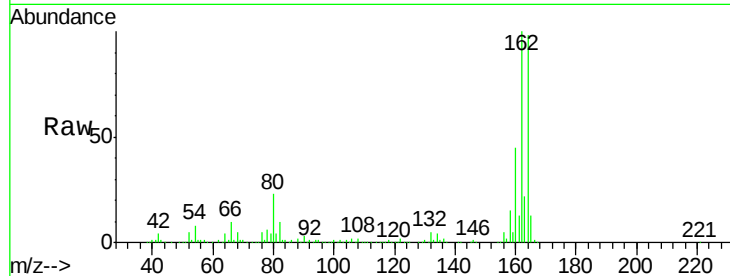
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103382.D
Acq: 2 Mar 2018 22:48

Instrument :
BNA_F
ClientSampleId :
SP-34

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	46.0	38.3	57.5

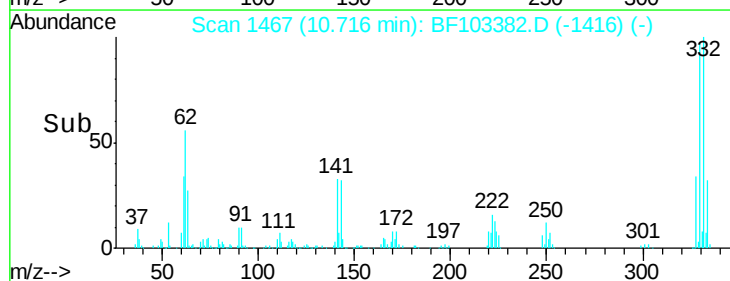
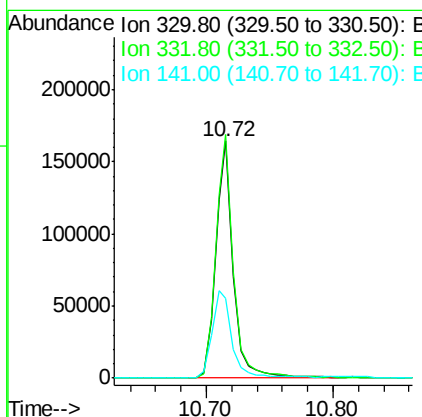
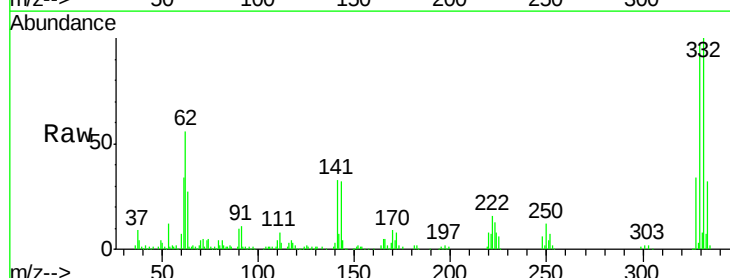
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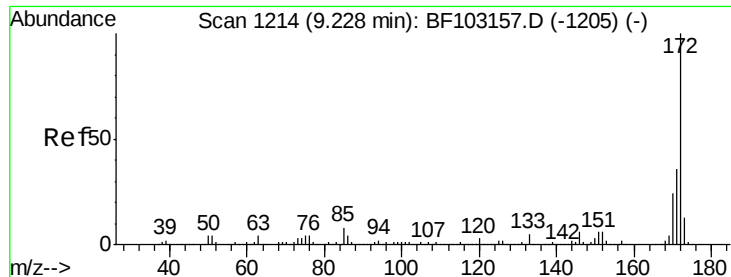
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#41
2,4,6-Tribromophenol
Concen: 77.115 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF103382.D
Acq: 2 Mar 2018 22:48

Tgt Ion	Ratio	Lower	Upper
330	100		
332	104.6	77.0	115.6
141	41.0	29.9	44.9





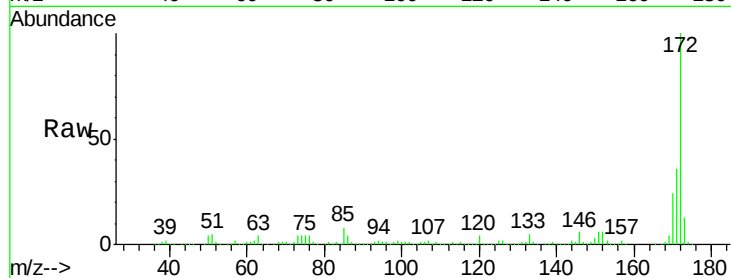
#44
2-Fluorobiphenyl
Concen: 70.019 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103382.D
Acq: 2 Mar 2018 22:48

Instrument :
BNA_F
ClientSampled :
SP-34

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.0	19.6	29.4

Manual Integrations
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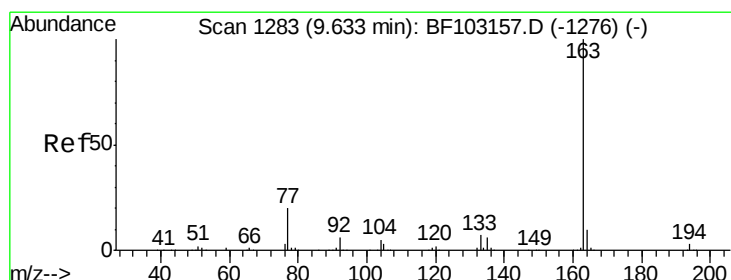
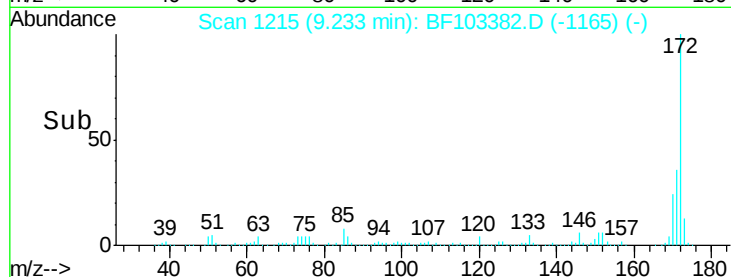
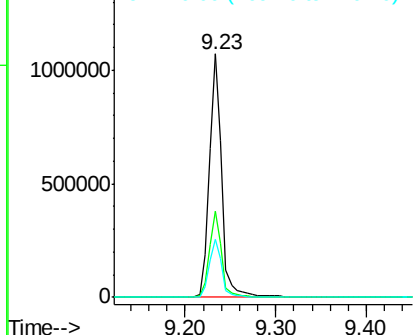


Abundance

Ion 172.00 (171.70 to 172.70): E

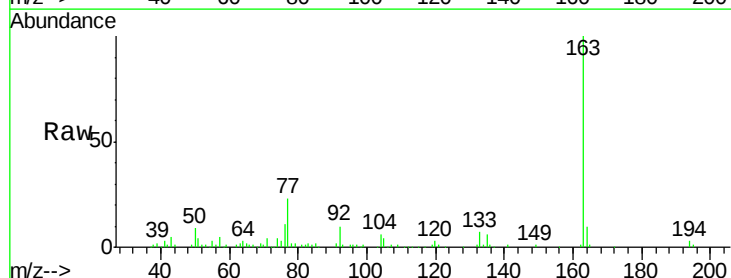
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49
Dimethylphthalate
Concen: 5.381 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103382.D
Acq: 2 Mar 2018 22:48

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

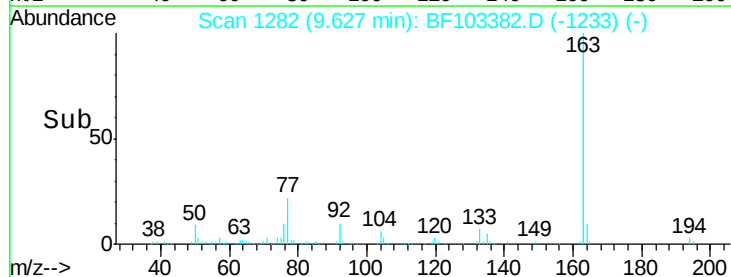
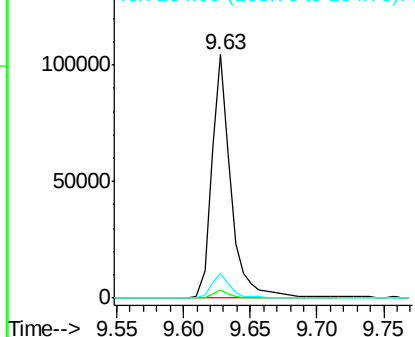


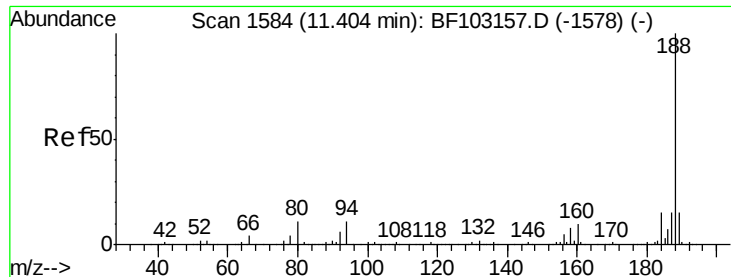
Abundance

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





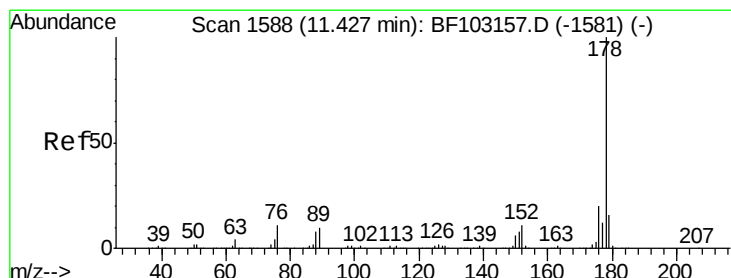
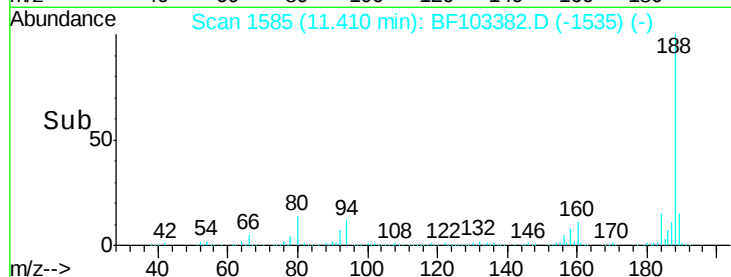
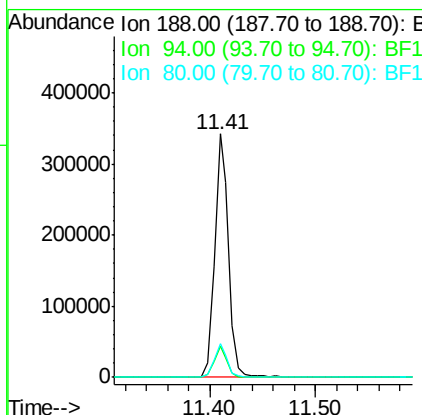
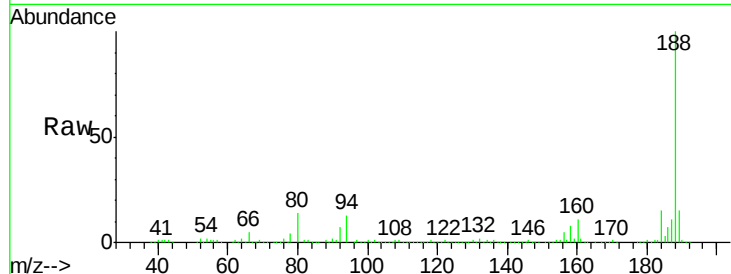
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF103382.D
Acq: 2 Mar 2018 22:48

Instrument :
BNA_F
ClientSampled :
SP-34

Tot Ion	Ratio	Resp	Lower	Upper
188	100	317977		
94	12.6		8.5	12.7
80	13.8		9.2	13.8#

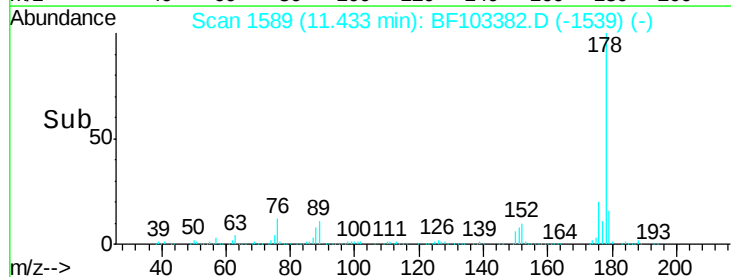
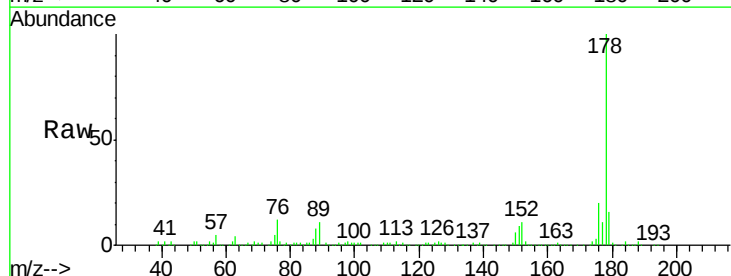
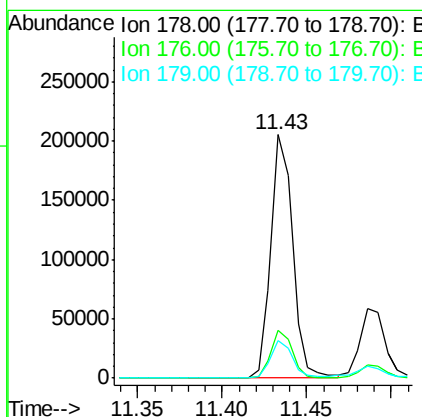
Manual Integrations
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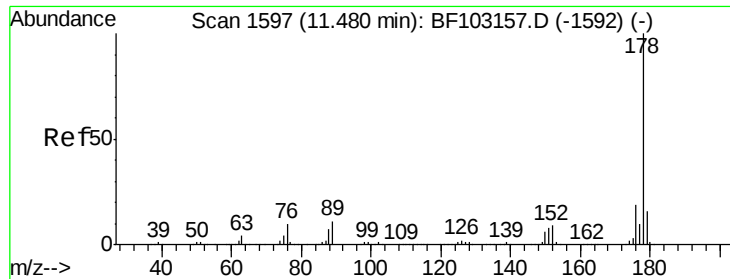
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#70
Phenanthrene
Concen: 10.542 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF103382.D
Acq: 2 Mar 2018 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	184481		
176	19.9		15.8	23.8
179	15.6		13.0	19.6





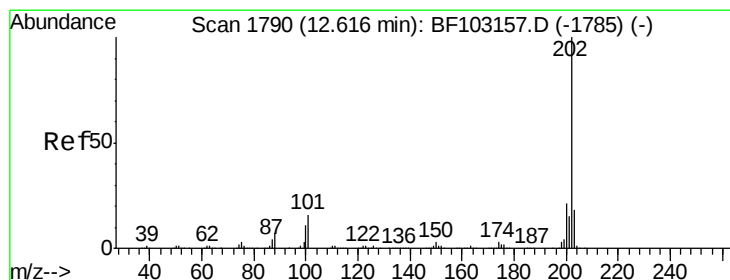
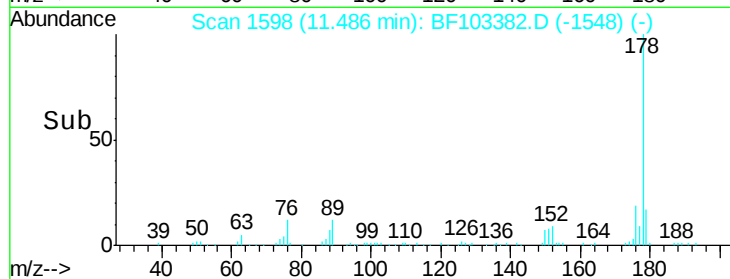
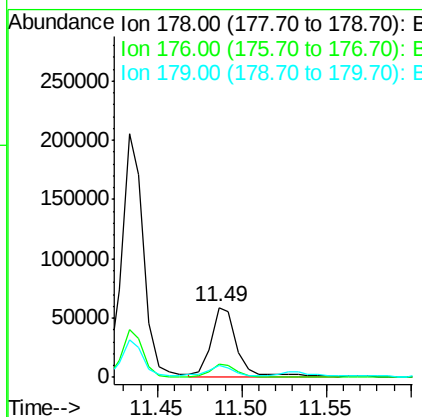
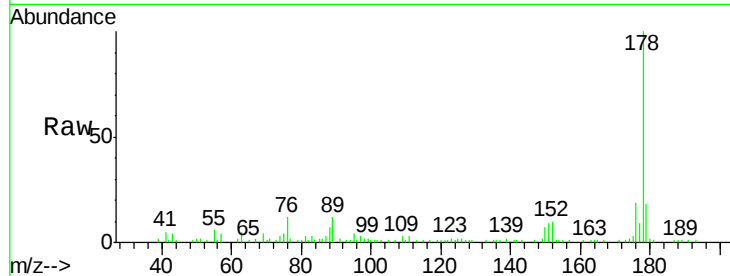
#71
 Anthracene
 Concen: 3.509 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF103382.D
 Acq: 2 Mar 2018 22:48

Instrument :
 BNA_F
 ClientSampled :
 SP-34

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	17.8	12.6	19.0

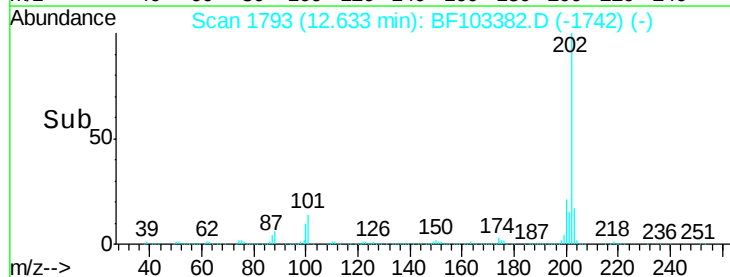
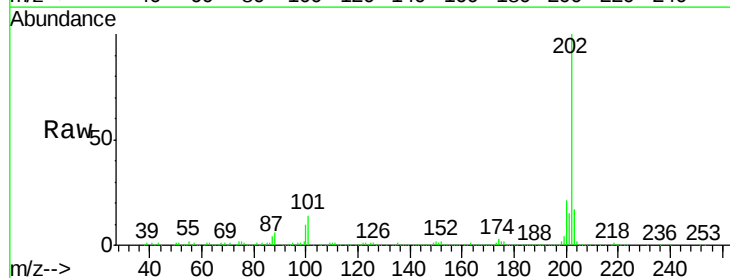
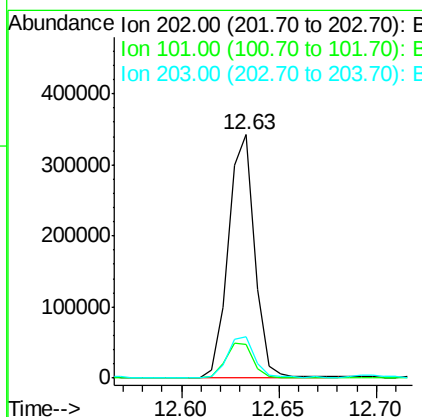
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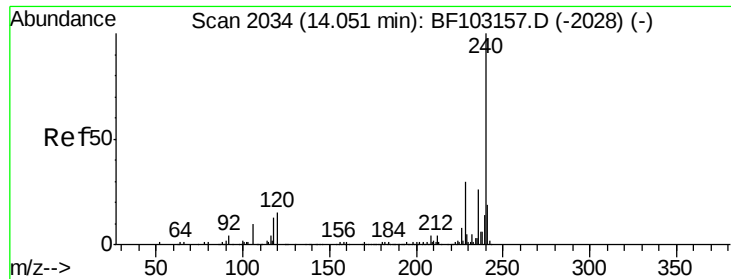
Sohil
 3/5/2018 3:13:54 PM



#74
 Fluoranthene
 Concen: 18.204 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BF103382.D
 Acq: 2 Mar 2018 22:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	34.1
203	17.2	0.0	38.1





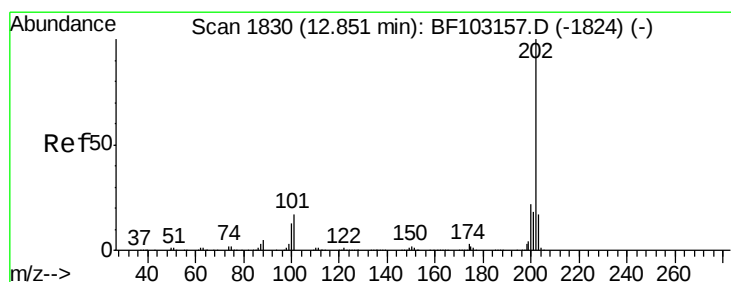
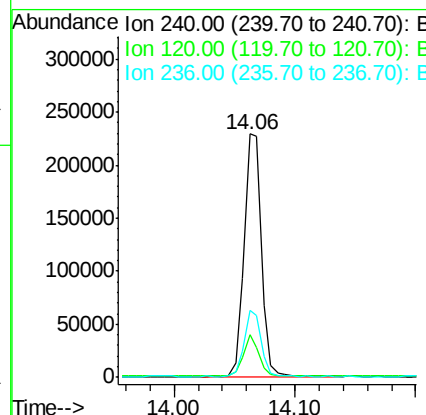
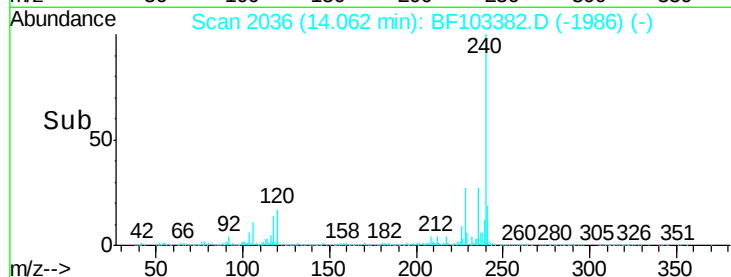
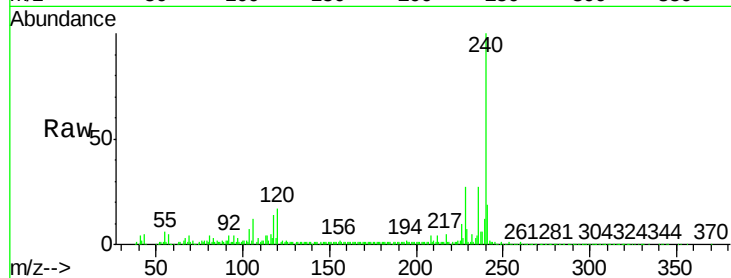
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF103382.D
Acq: 2 Mar 2018 22:48

Instrument :
BNA_F
ClientSampleId :
SP-34

Tot Ion	Ratio	Lower	Upper
240	100		
120	17.3	9.5	14.3#
236	27.3	20.7	31.1

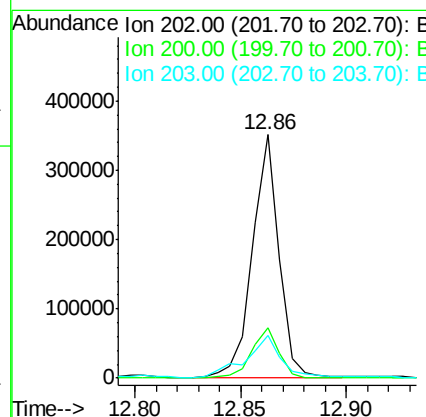
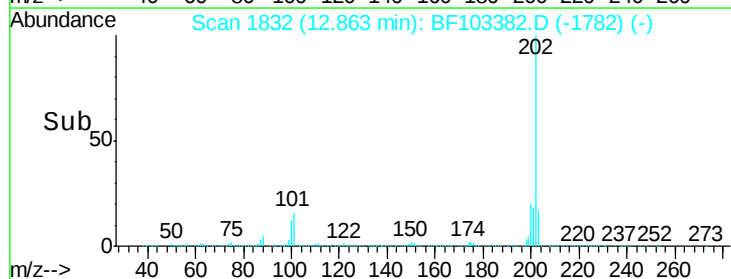
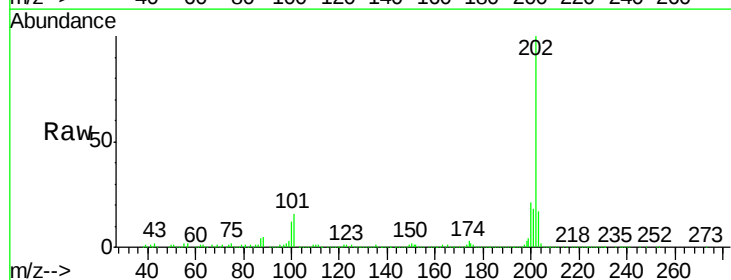
Manual Integrations
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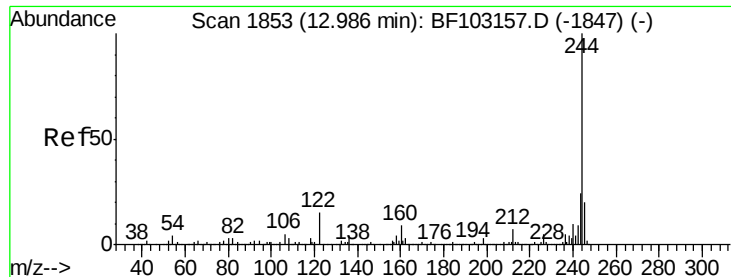
Sohil
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#77
Pyrene
Concen: 17.074 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BF103382.D
Acq: 2 Mar 2018 22:48

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





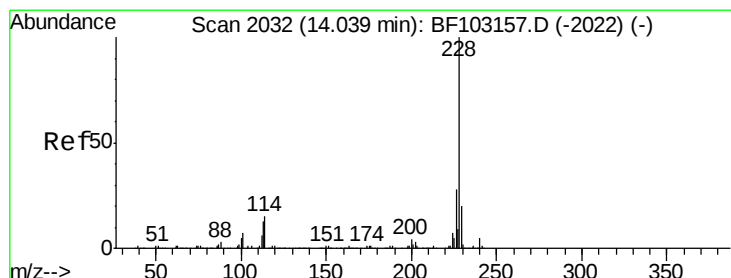
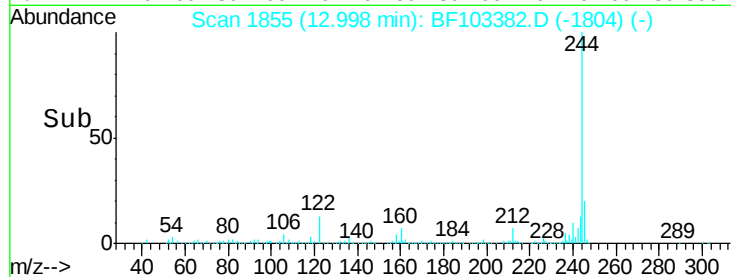
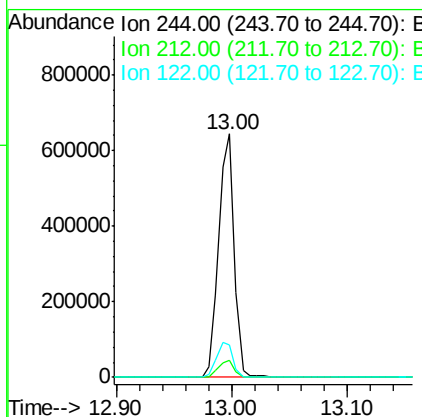
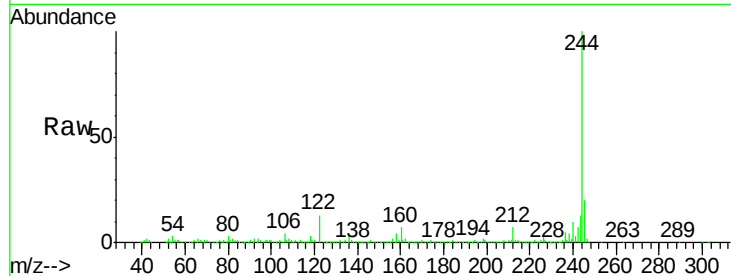
#78
 Terphenyl-d14
 Concen: 63.015 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: BF103382.D
 Acq: 2 Mar 2018 22:48

Instrument :
 BNA_F
 ClientSampled :
 SP-34

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.5	11.0	16.4

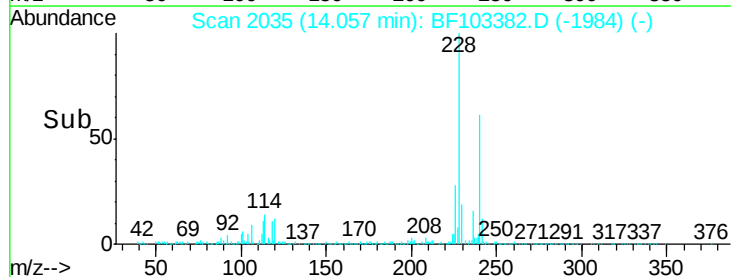
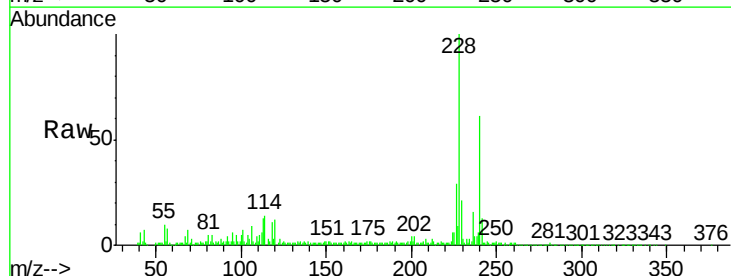
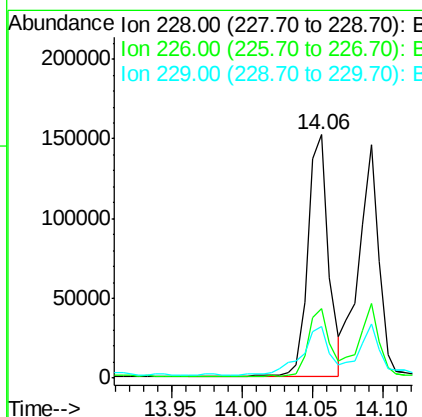
Manual Integrations
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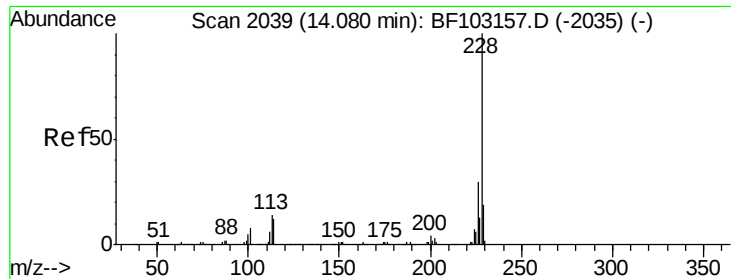
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#80
 Benzo(a)anthracene
 Concen: 10.281 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BF103382.D
 Acq: 2 Mar 2018 22:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	21.1	15.8	23.6





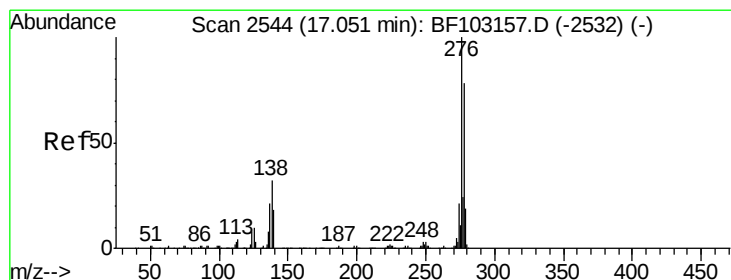
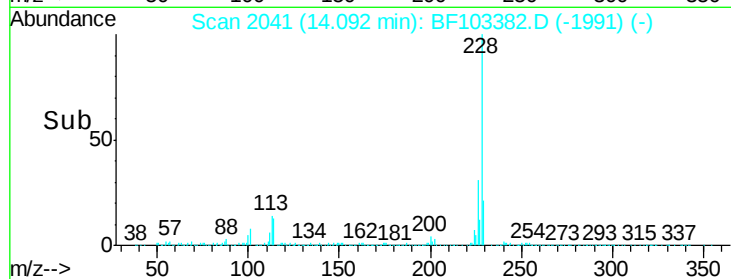
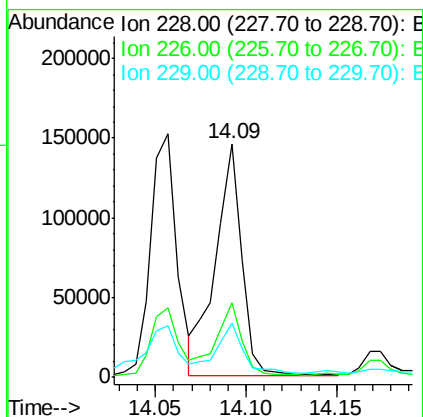
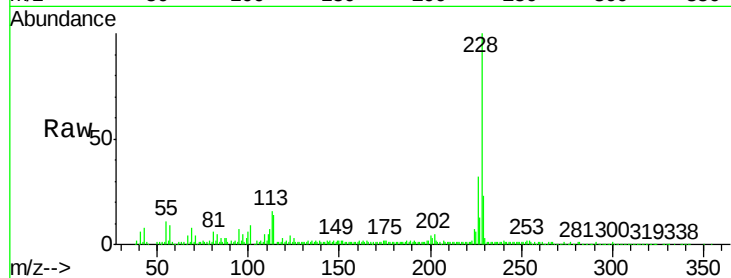
#82
Chrysene
Concen: 10.110 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF103382.D
Acq: 2 Mar 2018 22:48

Instrument :
BNA_F
ClientSampleId :
SP-34

Tot Ion:	228	Resp:	147303
Ion Ratio	Lower	Upper	
228	100		
226	32.2	25.0	37.6
229	23.3	16.2	24.4

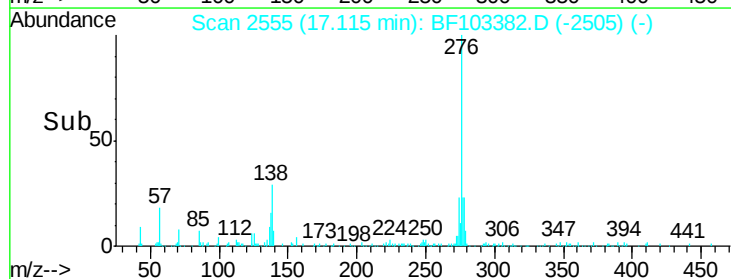
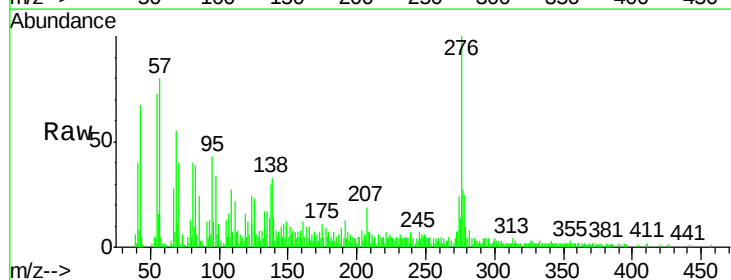
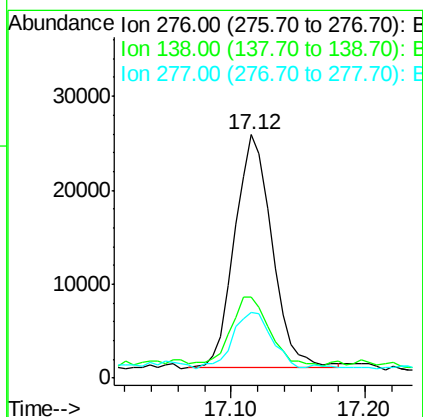
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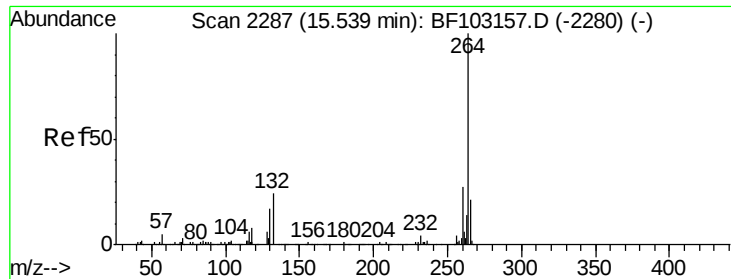
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#85
Indeno(1,2,3-cd)pyrene
Concen: 4.144 ng
RT: 17.12 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BF103382.D
Acq: 2 Mar 2018 22:48

Tgt Ion:	276	Resp:	47794
Ion Ratio	Lower	Upper	
276	100		
138	30.2	25.0	37.6
277	25.9	20.1	30.1





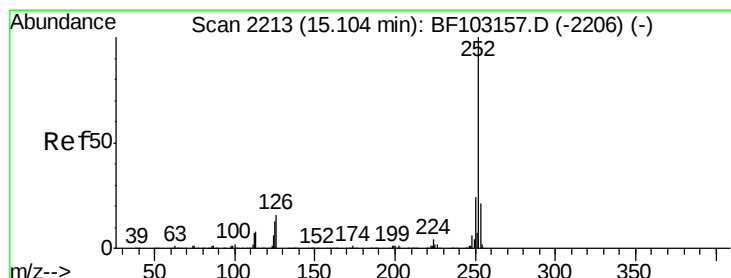
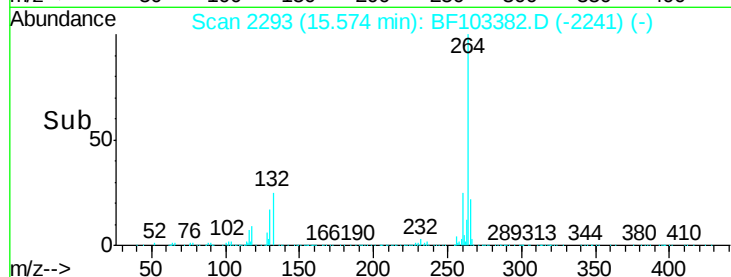
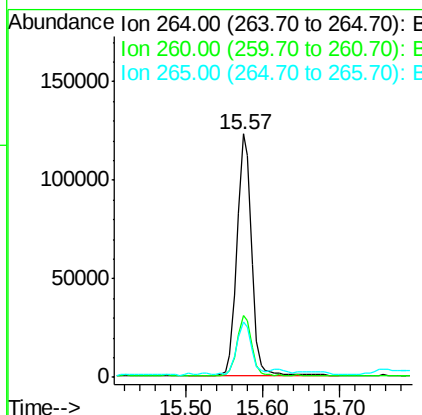
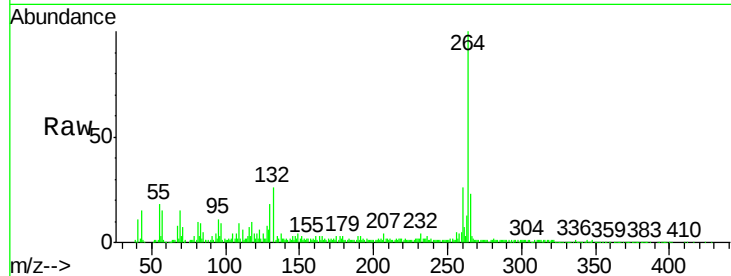
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.01 min
Lab File: BF103382.D
Acq: 2 Mar 2018 22:48

Instrument :
BNA_F
ClientSampled :
SP-34

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.2	28.8
265	22.7	17.5	26.3

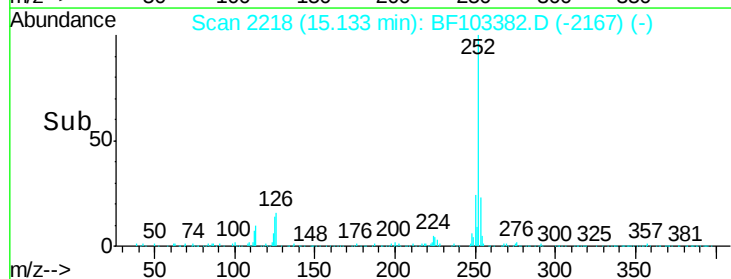
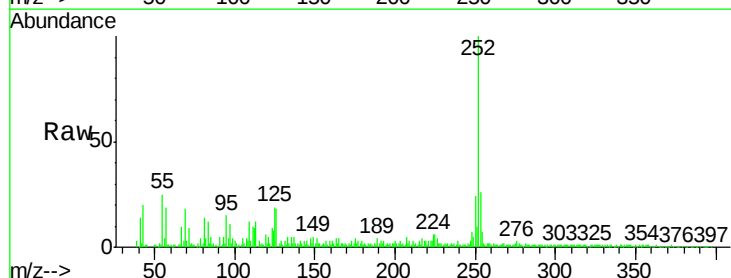
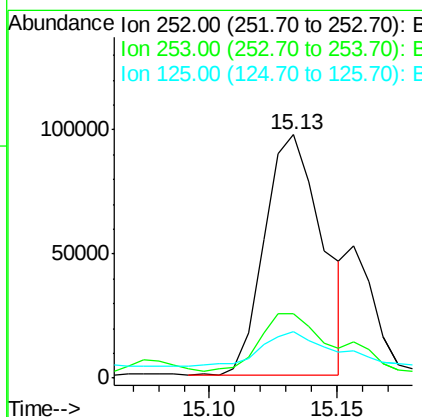
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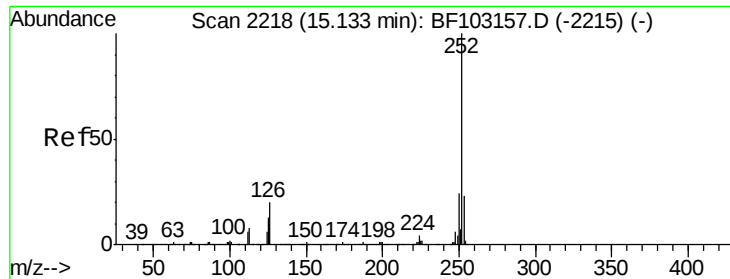
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#87
Benzo(b)fluoranthene
Concen: 14.195 ng m
RT: 15.13 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BF103382.D
Acq: 2 Mar 2018 22:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.0	25.6#
125	19.1	9.0	13.6#





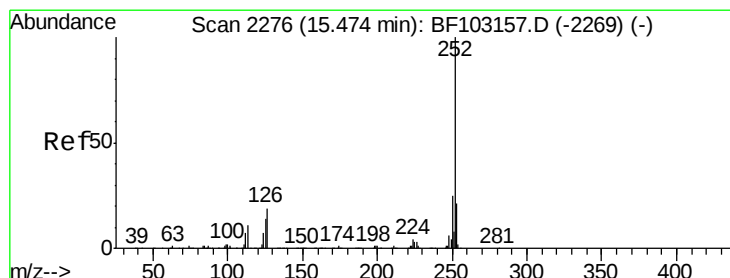
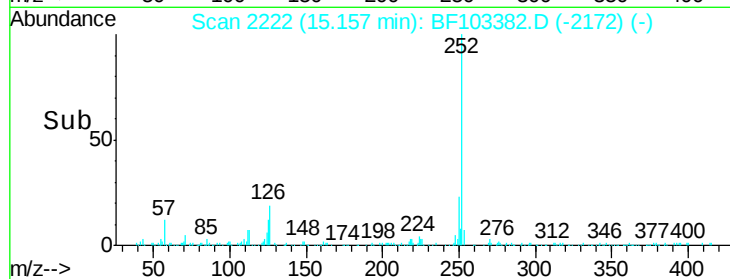
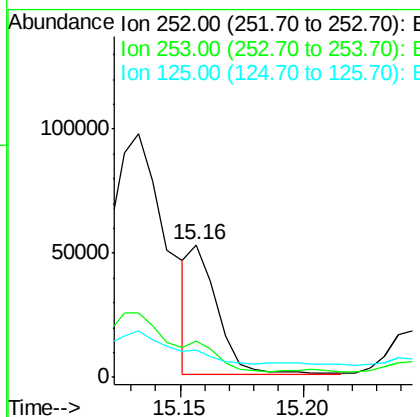
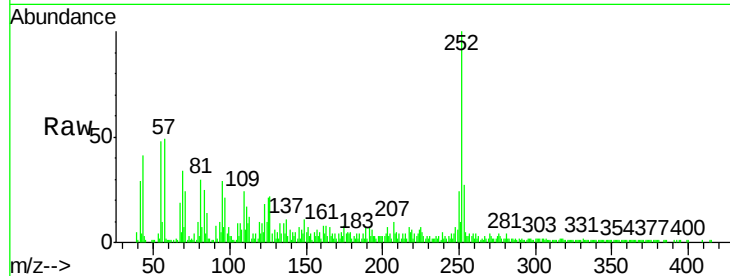
#88
Benzo(k)fluoranthene
Concen: 4.019 ng m
RT: 15.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF103382.D
Acq: 2 Mar 2018 22:48

Instrument :
BNA_F
ClientSampled :
SP-34

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.9	26.9#
125	20.9	10.2	15.2#

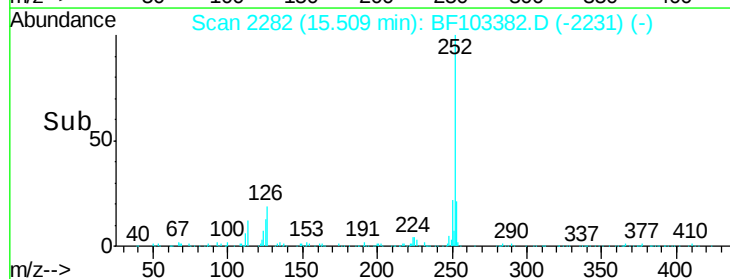
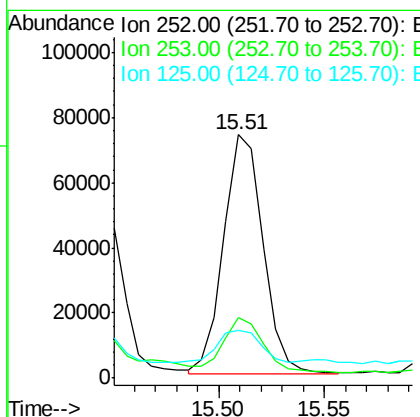
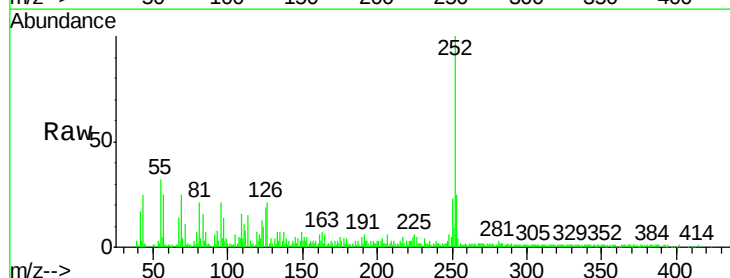
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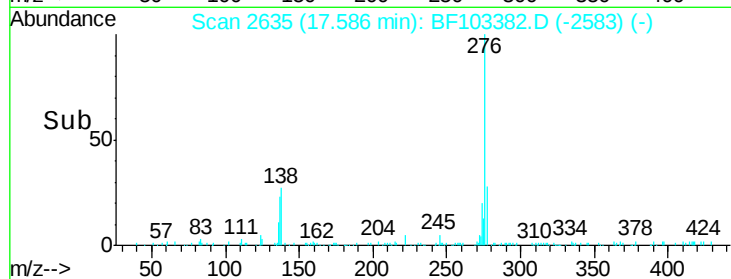
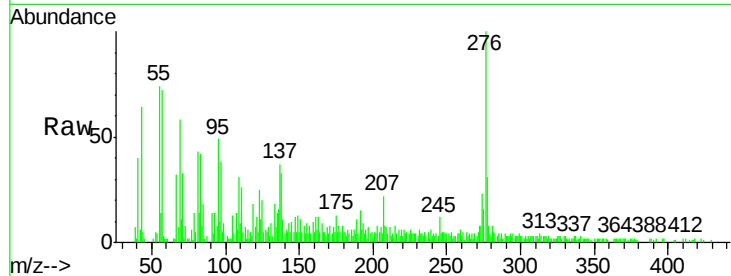
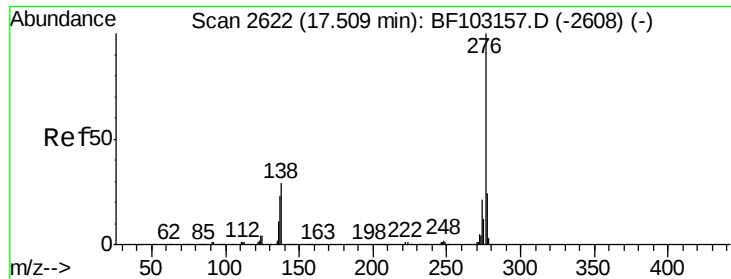
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#89
Benzo(a)pyrene
Concen: 9.895 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BF103382.D
Acq: 2 Mar 2018 22:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.1	25.7
125	19.4	9.8	14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 6.825 ng
 RT: 17.59 min Scan# 2635
 Delta R.T. 0.01 min
 Lab File: BF103382.D
 Acq: 2 Mar 2018 22:48

Instrument :
 BNA_F
 ClientSampleId :
 SP-34

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	31.1	17.9	26.9	
138	32.7	21.8	32.8	

Manual Integrations
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 3/5/2018 3:13:54 PM

