

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
 Data File : BF103492.D
 Acq On : 7 Mar 2018 11:22
 Operator : SJ/JU
 Sample : J1722-13
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-9

Manual Integrations
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Sohil
 3/8/2018 4:42:49 PM

Quant Time: Mar 07 11:53:24 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 07 11:40:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	163451	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	679977	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	295236	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	464788	20.00	ng	0.00
75) Chrysene-d12	14.06	240	268333	20.00	ng	0.00
86) Perylene-d12	15.56	264	255182	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1000449	92.57	ng	0.00
7) Phenol-d6	6.50	99	1263485	95.54	ng	0.00
23) Nitrobenzene-d5	7.43	82	814868	68.44	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	176333	70.56	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1051593	56.50	ng	0.00
78) Terphenyl-d14	12.99	244	710922	63.69	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	80905	3.416	ng	Qvalue 100
70) Phenanthrene	11.42	178	257306	10.059	ng	98
71) Anthracene	11.48	178	82112	3.131	ng	99
74) Fluoranthene	12.62	202	370174	14.402	ng	99
77) Pyrene	12.85	202	367227	17.553	ng	99
80) Benzo(a)anthracene	14.04	228	155473	8.930	ng	98
82) Chrysene	14.08	228	137978	8.162	ng	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	104880	7.031	ng	# 99
85) Indeno(1,2,3-cd)pyrene	17.11	276	65675	4.907	ng	99
87) Benzo(b)fluoranthene	15.12	252	165045m	9.837	ng	
88) Benzo(k)fluoranthene	15.14	252	57296m	3.627	ng	
89) Benzo(a)pyrene	15.50	252	121936	8.138	ng	# 92
91) Benzo(a,h,i)perylene	17.57	276	64060	5.661	ng	93

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

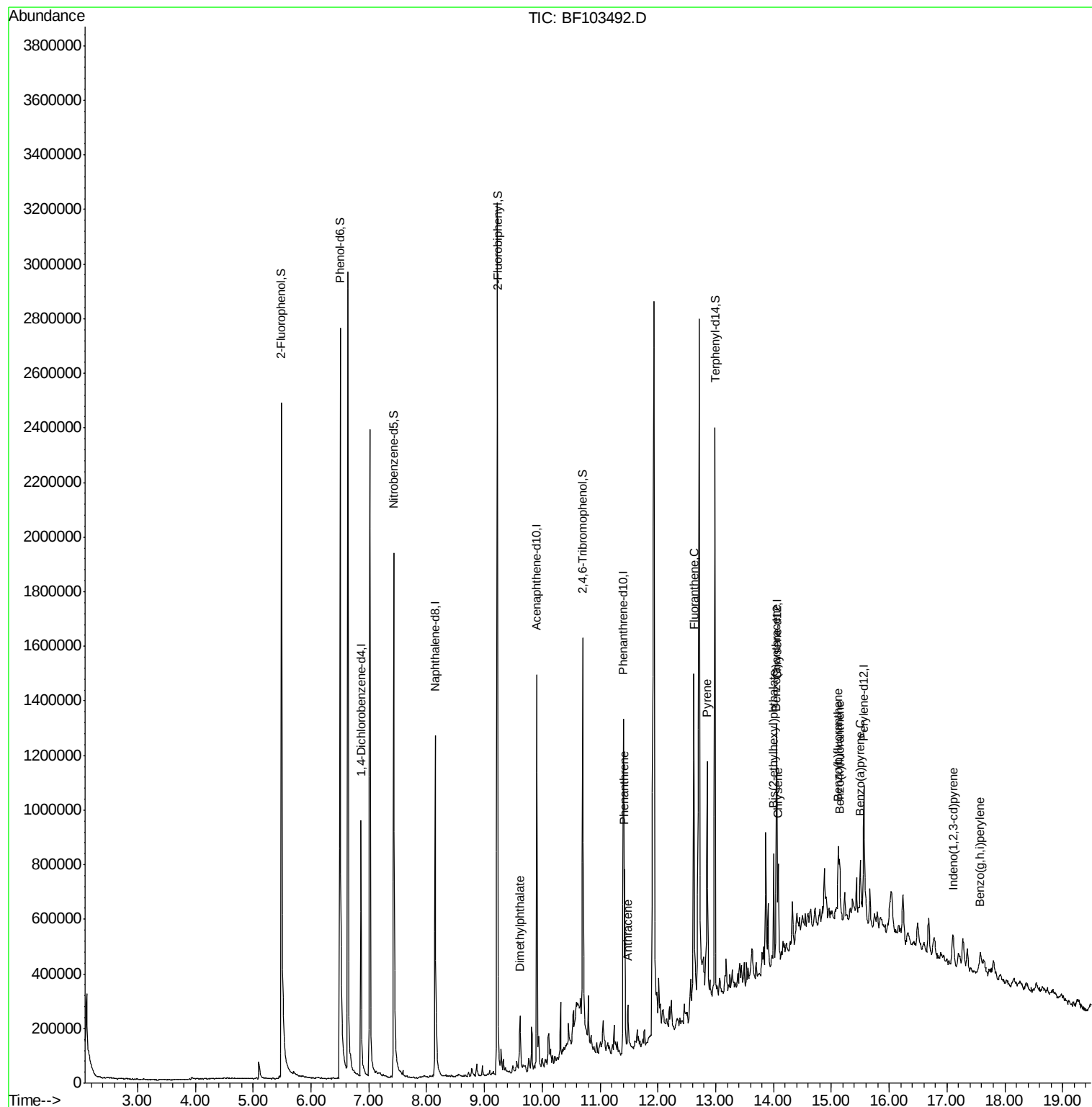
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
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Acq On : 7 Mar 2018 11:22
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#1

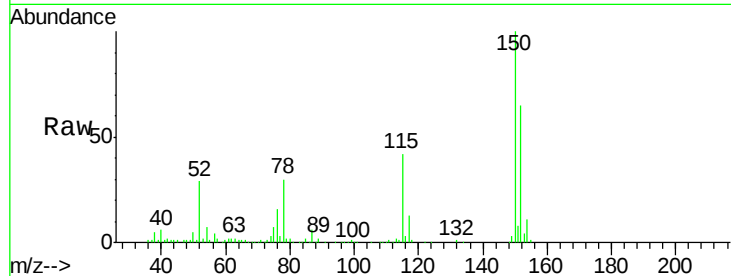
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103492.D
Acq: 7 Mar 2018 11:22

Instrument :
BNA_F
ClientSampled :
SP-9

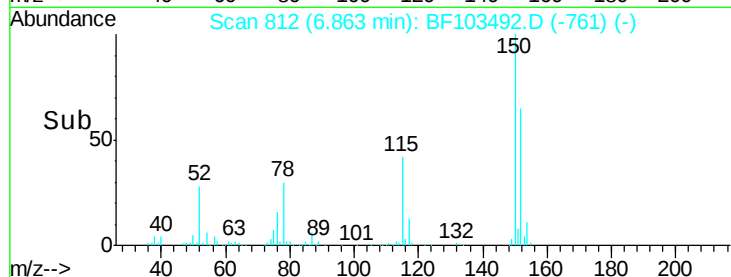
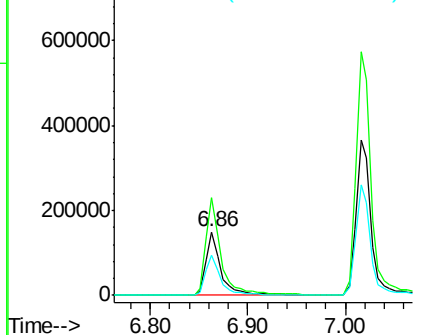
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.6	186.8
115	63.6	50.1	75.1

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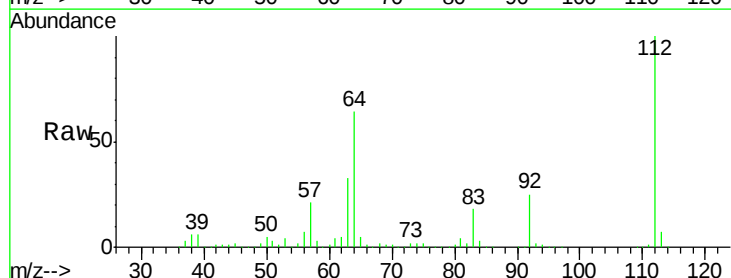
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



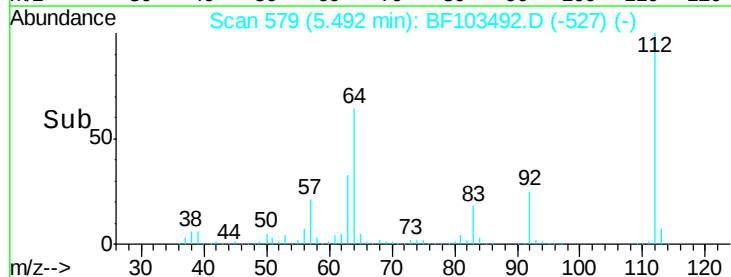
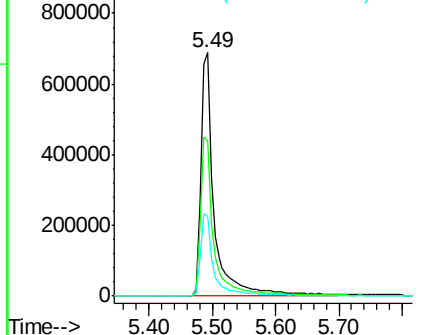
#5

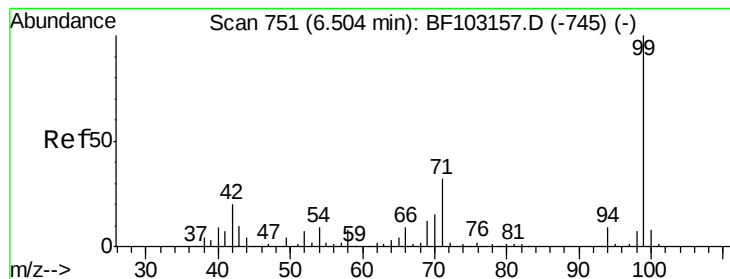
2-Fluorophenol
Concen: 92.573 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103492.D
Acq: 7 Mar 2018 11:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.0	47.9	71.9
63	32.7	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: 95.543 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103492.D

Acq: 7 Mar 2018 11:22

Instrument :

BNA_F

ClientSampleId :

SP-9

Tot Ion: 99 Resp: 1263485

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

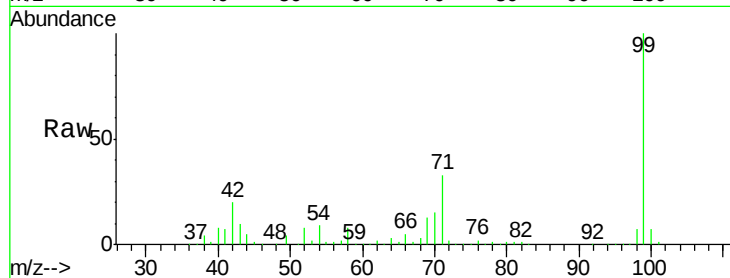
71 32.9 25.4 38.0

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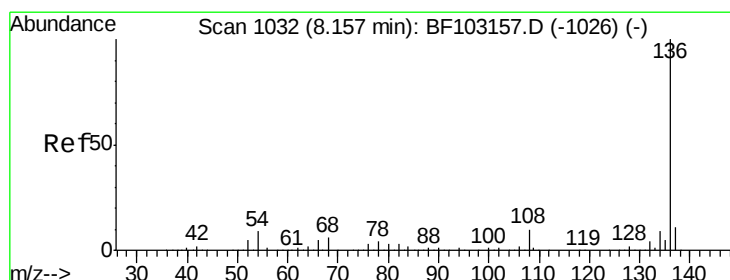
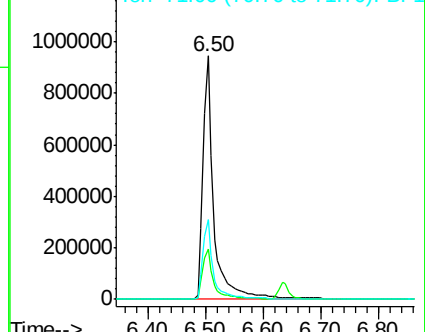
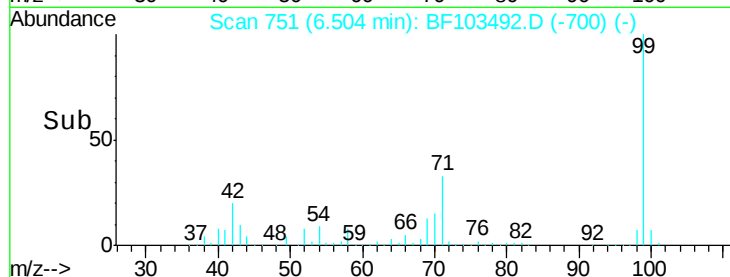
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF103492.D

Acq: 7 Mar 2018 11:22

Tgt Ion: 136 Resp: 679977

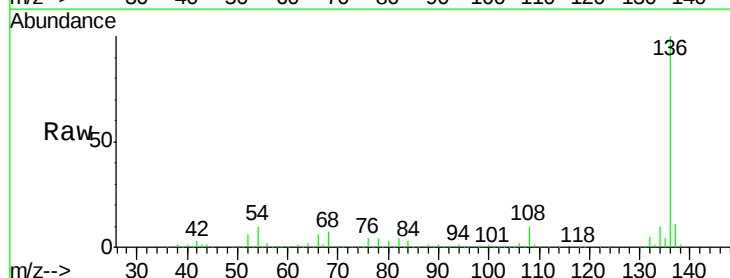
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 10.4 6.6 9.8#

68 7.2 5.0 7.4

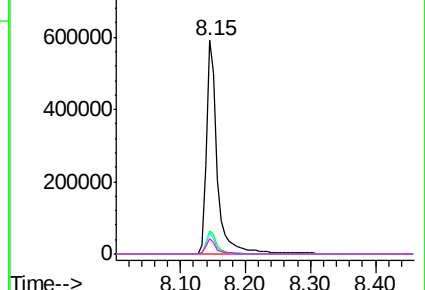
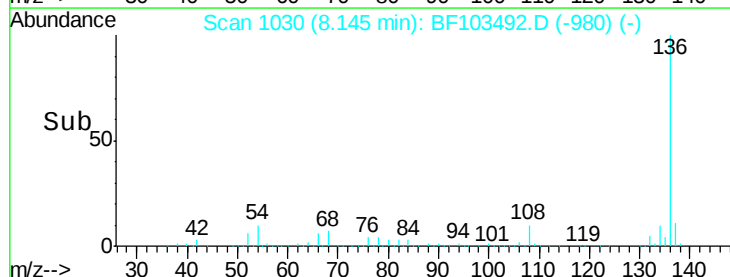


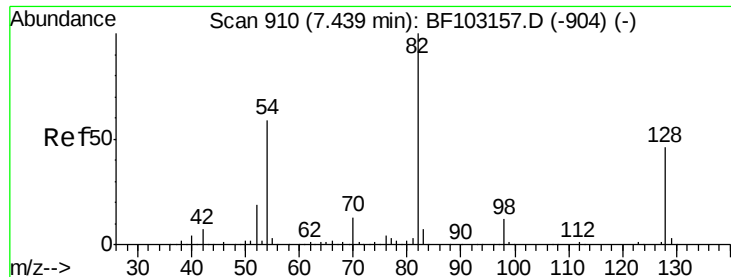
Abundance Ion 136.00 (135.70 to 136.70): E

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





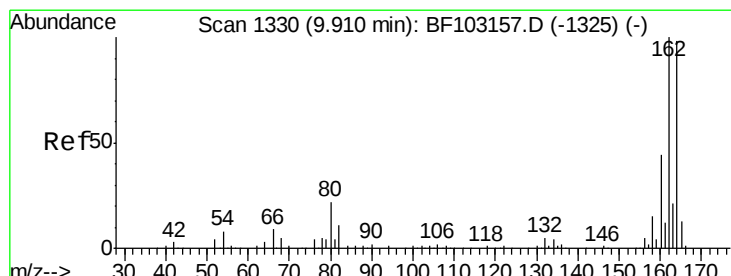
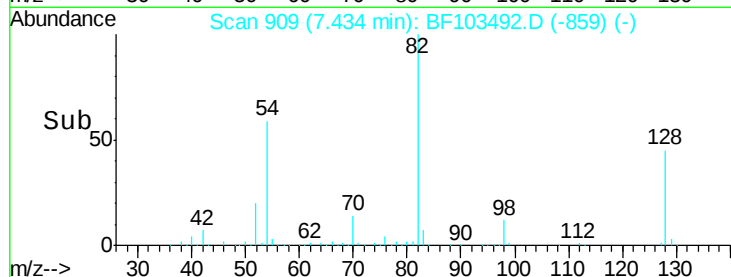
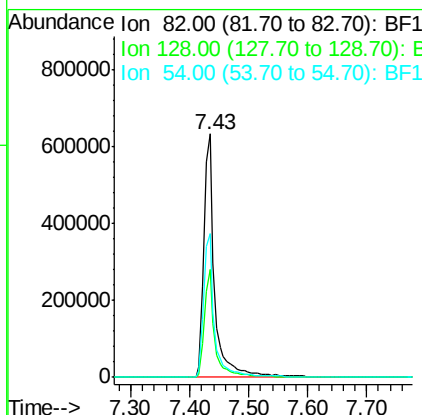
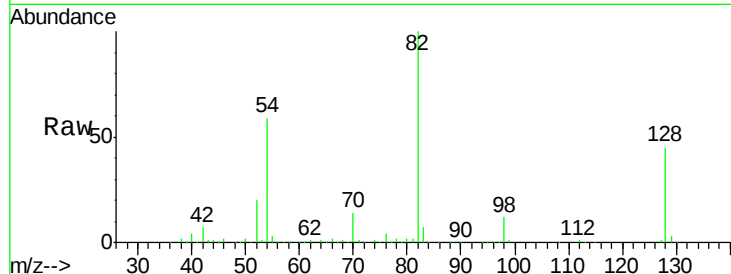
#23
 Nitrobenzene-d5
 Concen: 68.437 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF103492.D
 Acq: 7 Mar 2018 11:22

Instrument :
 BNA_F
 ClientSampled :
 SP-9

Tot Ion	82	Resp	814868
Ion Ratio	100	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	59.2	41.4	62.2

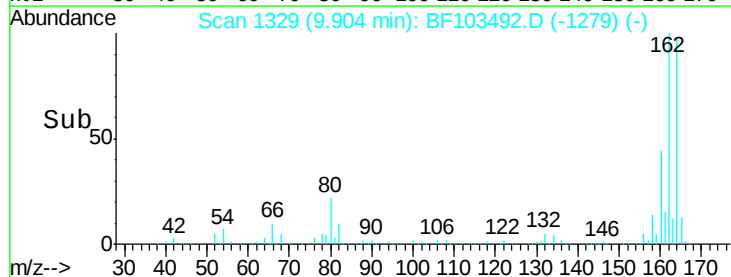
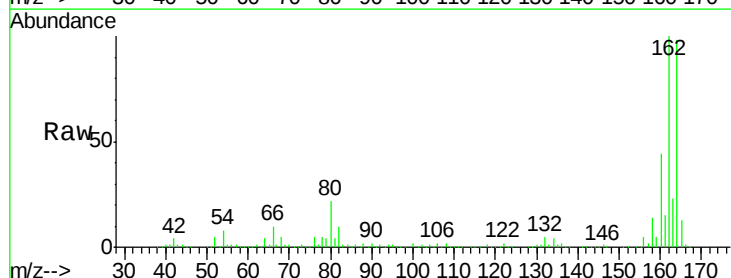
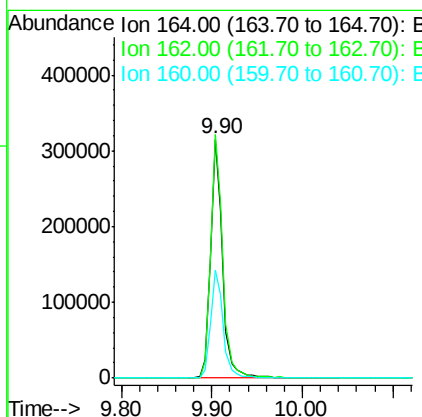
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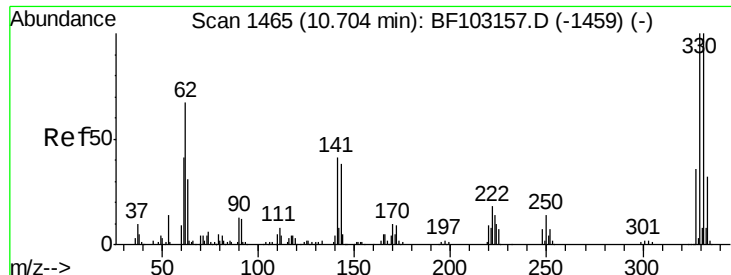
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF103492.D
 Acq: 7 Mar 2018 11:22

Tgt Ion	164	Resp	295236
Ion Ratio	100	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	45.2	38.3	57.5





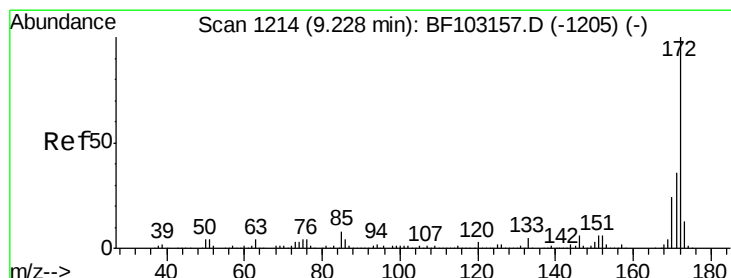
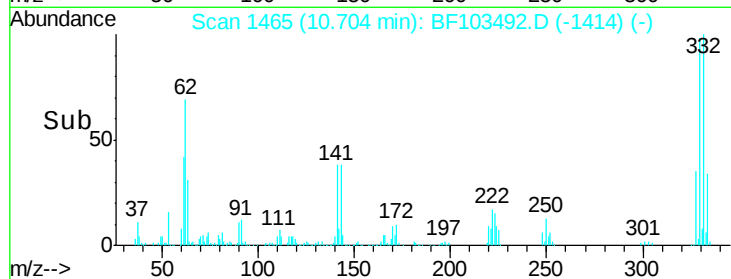
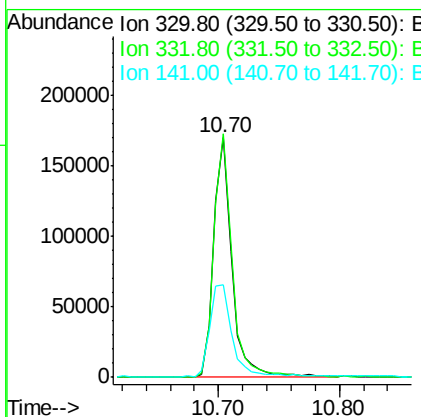
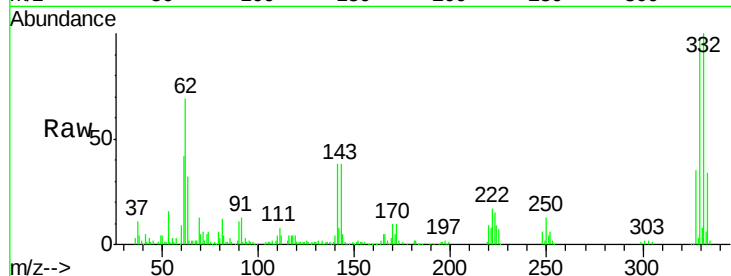
#41
 2,4,6-Tribromophenol
 Concen: 70.561 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103492.D
 Acq: 7 Mar 2018 11:22

Instrument :
 BNA_F
 ClientSampled :
 SP-9

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.1	77.0	115.6
141	46.9	29.9	44.9

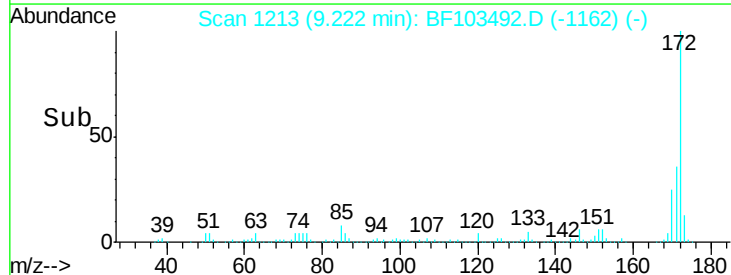
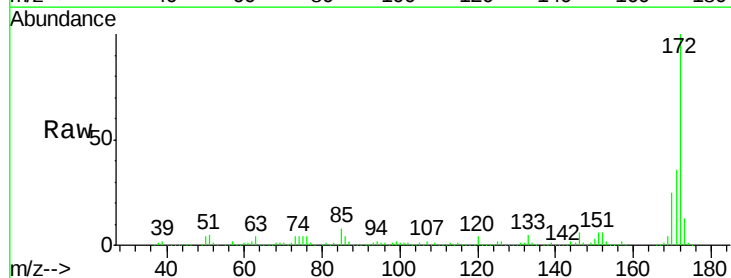
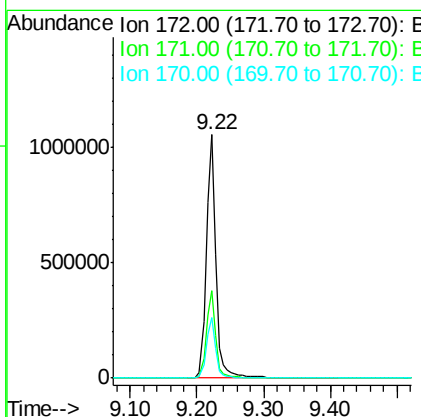
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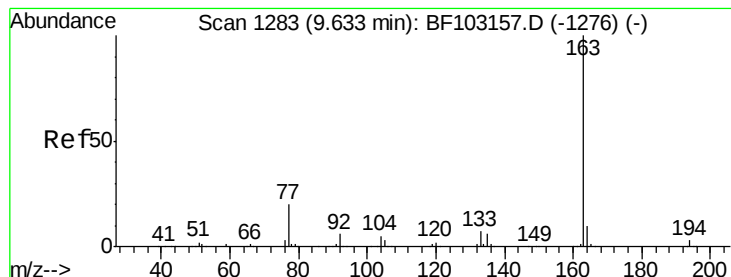
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#44
 2-Fluorobiphenyl
 Concen: 56.500 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103492.D
 Acq: 7 Mar 2018 11:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.7	19.6	29.4





#49

Dimethylphthalate

Concen: 3.416 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF103492.D

Acq: 7 Mar 2018 11:22

Instrument :

BNA_F

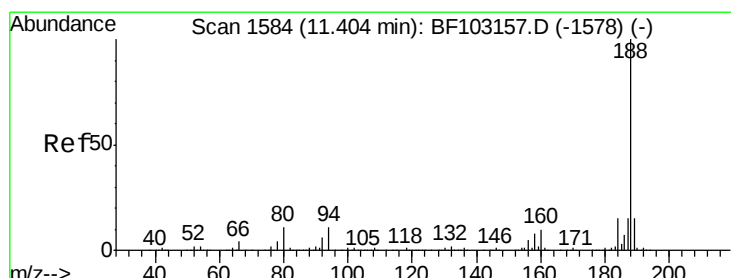
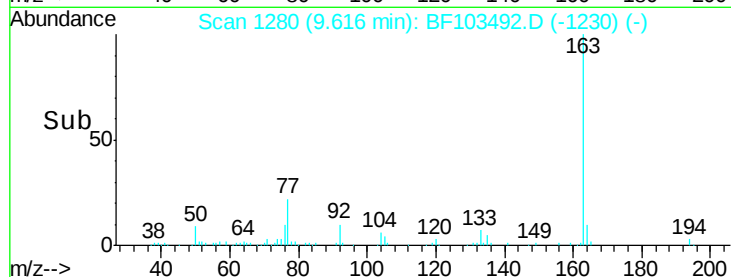
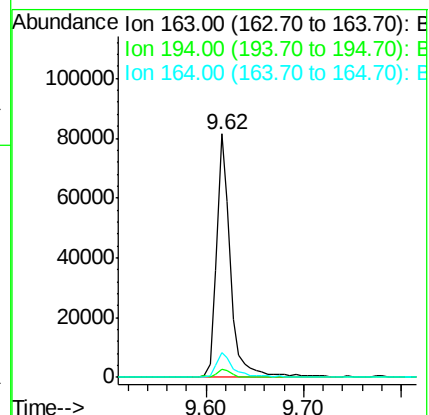
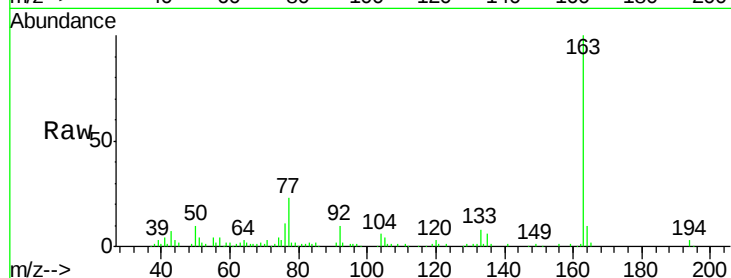
ClientSampled :

SP-9

Tot Ion:	163	Resp:	80905
Ion Ratio	Lower	Upper	
163	100		
194	3.1	2.7	4.1
164	10.3	8.2	12.2

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.000 ng

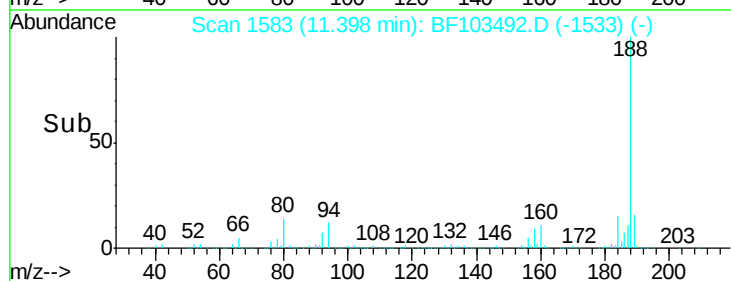
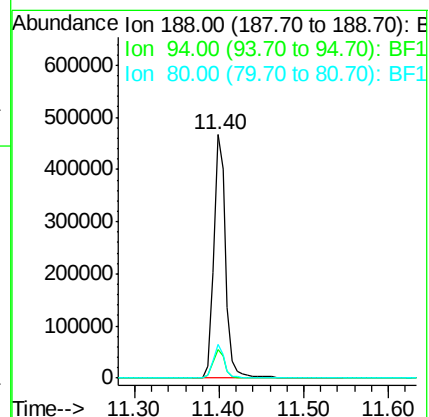
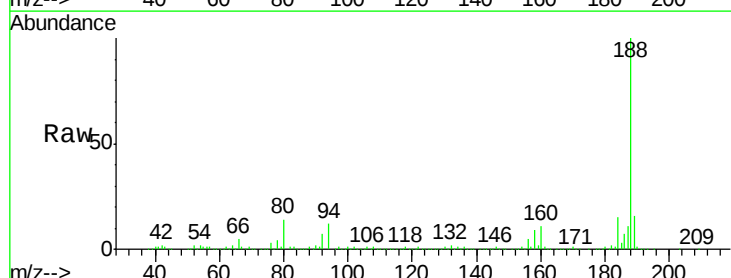
RT: 11.40 min Scan# 1583

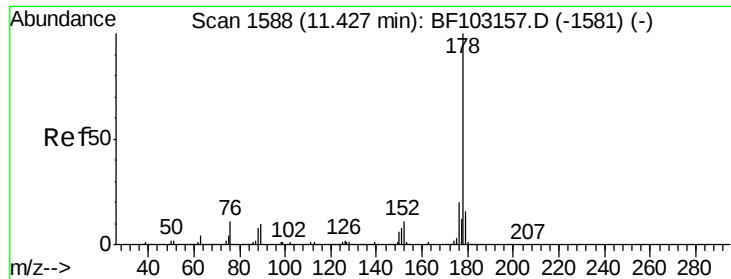
Delta R.T. -0.01 min

Lab File: BF103492.D

Acq: 7 Mar 2018 11:22

Tgt Ion:	188	Resp:	464788
Ion Ratio	Lower	Upper	
188	100		
94	11.9	8.5	12.7
80	13.6	9.2	13.8





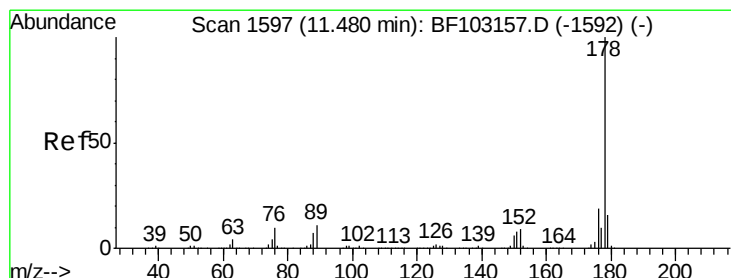
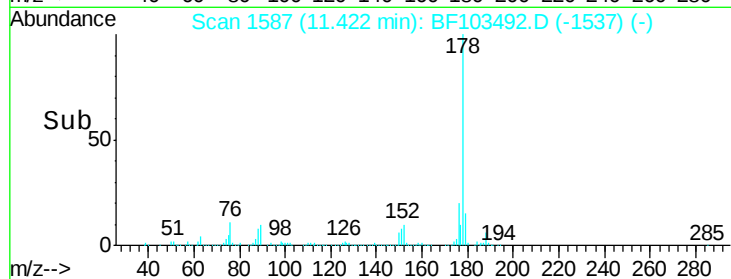
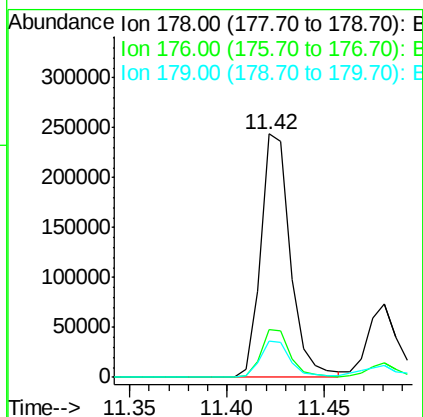
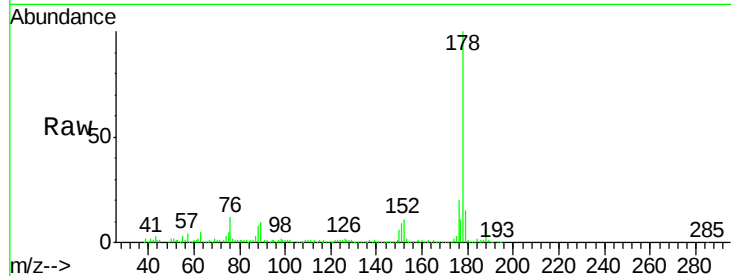
#70
Phenanthrene
Concen: 10.059 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF103492.D
Acq: 7 Mar 2018 11:22

Instrument :
BNA_F
ClientSampleId :
SP-9

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.0	13.0	19.6

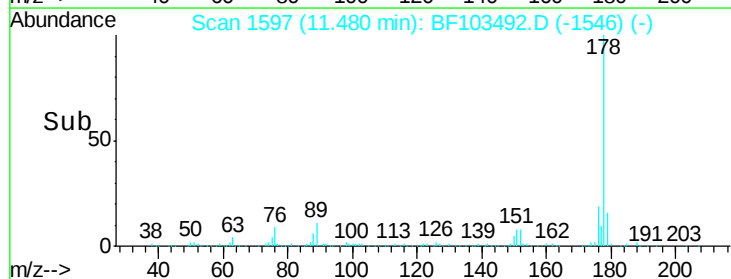
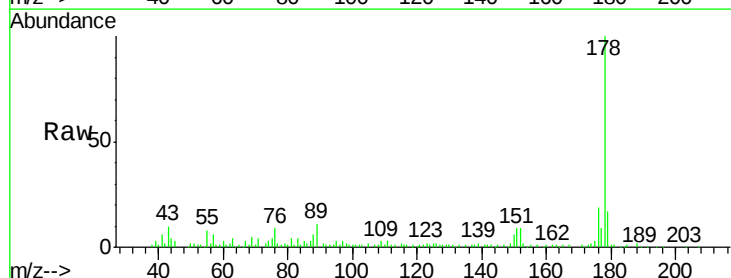
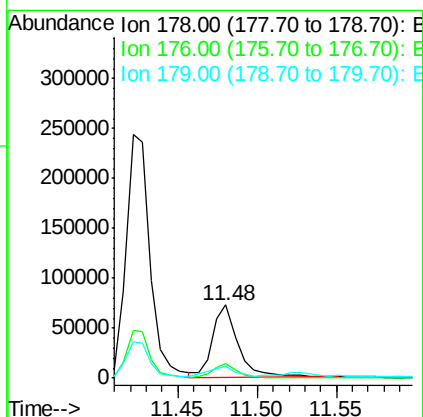
Manual Integrations
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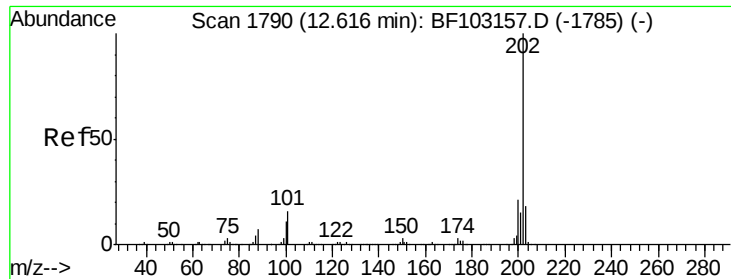
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#71
Anthracene
Concen: 3.131 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BF103492.D
Acq: 7 Mar 2018 11:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	16.7	12.6	19.0





#74

Fluoranthene

Concen: 14.402 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF103492.D

Acq: 7 Mar 2018 11:22

Instrument :

BNA_F

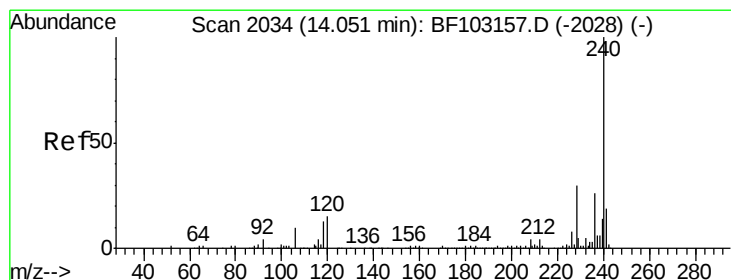
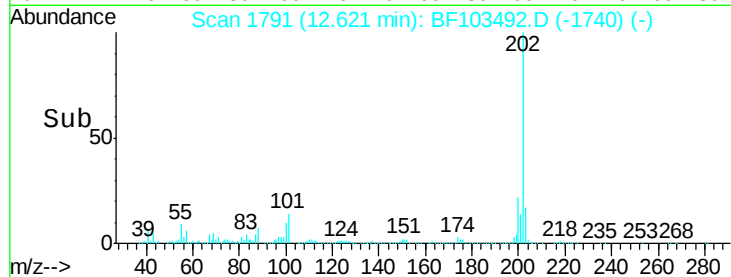
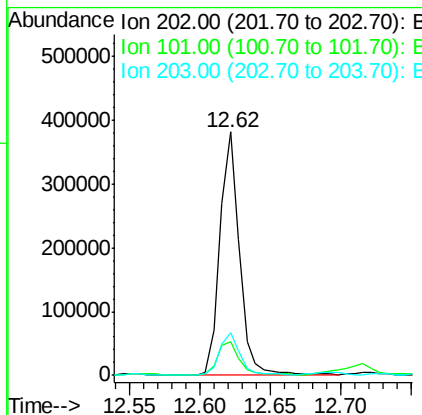
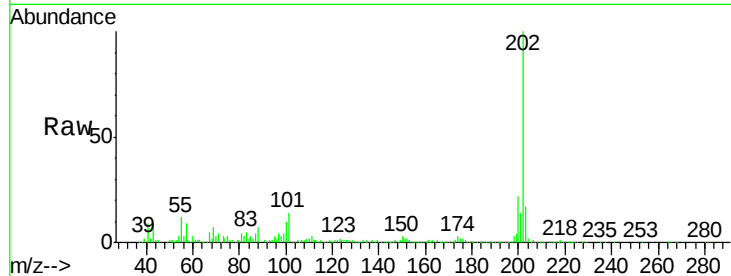
ClientSampled :

SP-9

Tot Ion:	202	Resp:	370174
Ion Ratio		Lower	Upper
202	100		
101	14.0	0.0	34.1
203	17.3	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

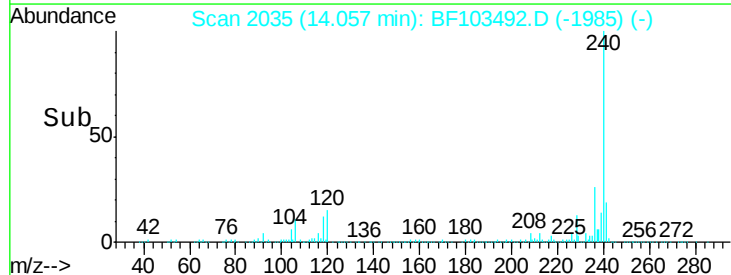
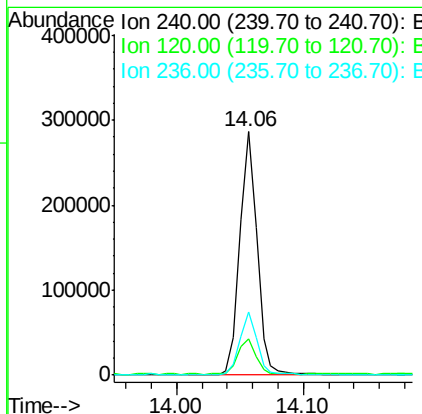
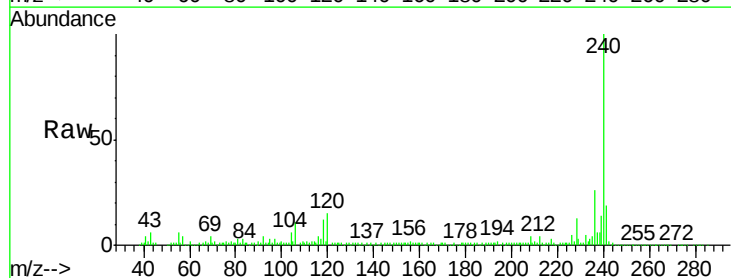
RT: 14.06 min Scan# 2035

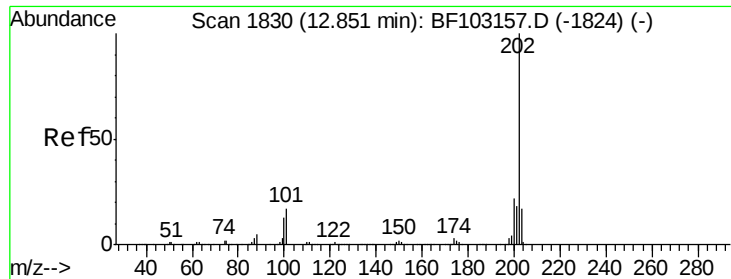
Delta R.T. -0.01 min

Lab File: BF103492.D

Acq: 7 Mar 2018 11:22

Tgt Ion:	240	Resp:	268333
Ion Ratio		Lower	Upper
240	100		
120	15.1	9.5	14.3#
236	26.1	20.7	31.1





#77

Pvrene

Concen: 17.553 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF103492.D

Acq: 7 Mar 2018 11:22

Instrument :

BNA_F

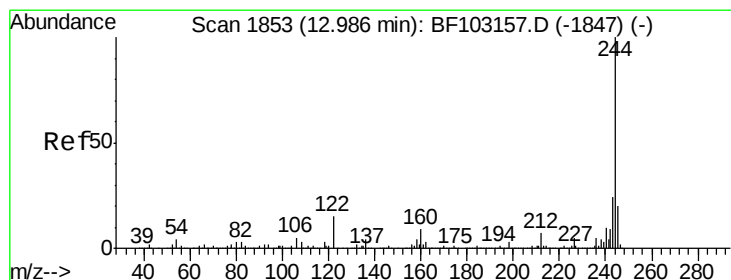
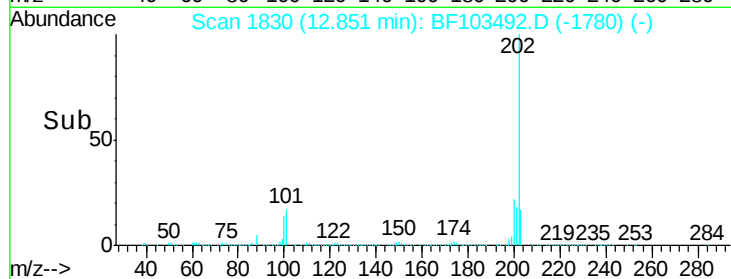
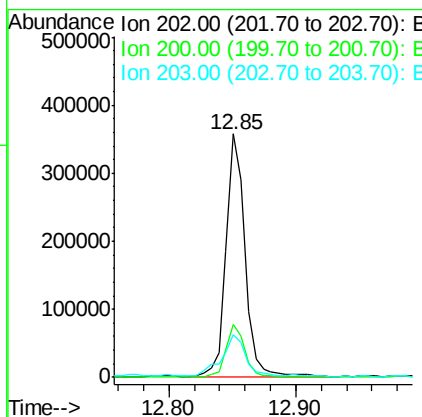
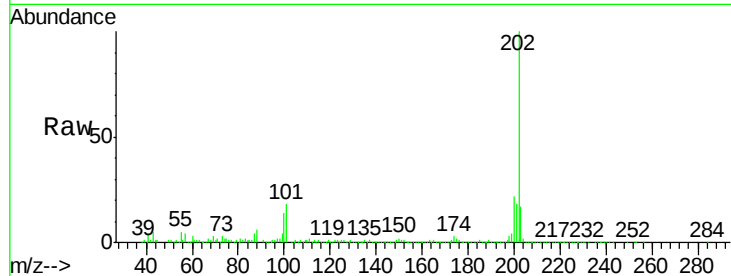
ClientSampleId :

SP-9

Tot Ion:	202	Resp:	367227
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.4	26.2
203	17.5	14.3	21.5

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#78

Terphenyl-d14

Concen: 63.688 ng

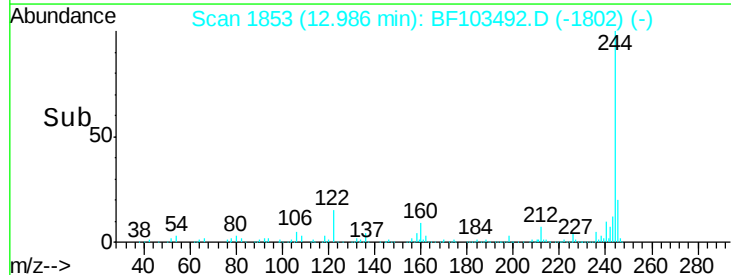
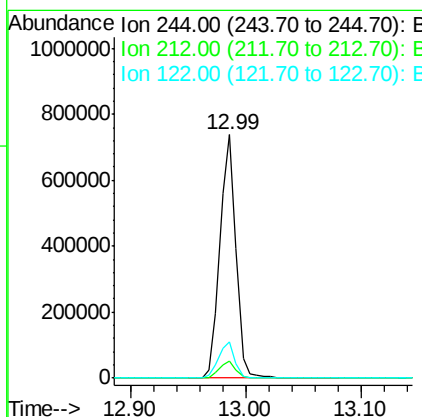
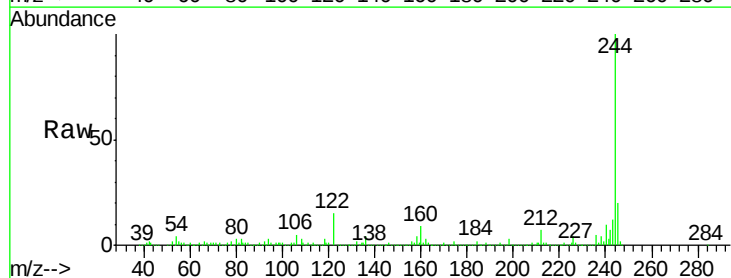
RT: 12.99 min Scan# 1853

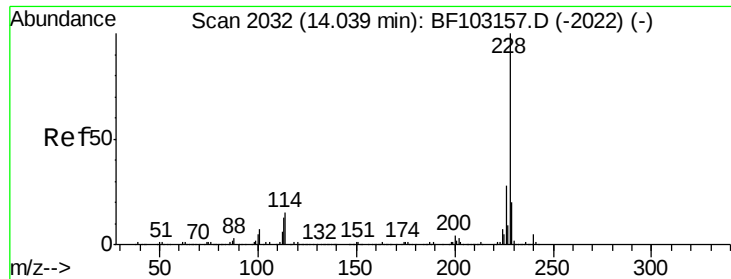
Delta R.T. 0.00 min

Lab File: BF103492.D

Acq: 7 Mar 2018 11:22

Tgt Ion:	244	Resp:	710922
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.4	8.0
122	14.7	11.0	16.4





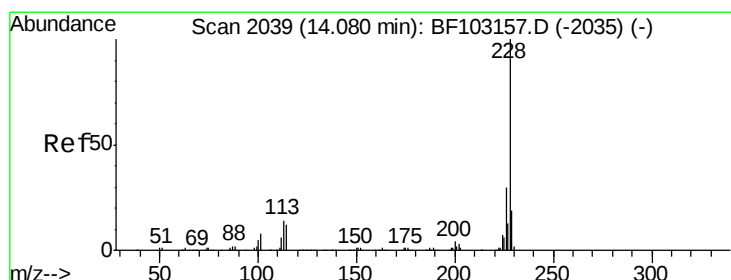
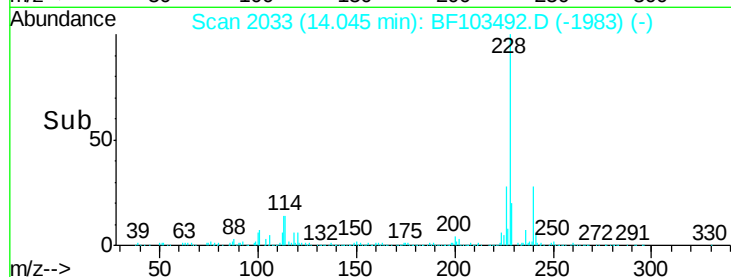
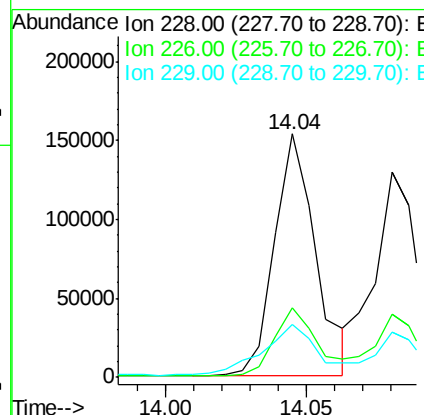
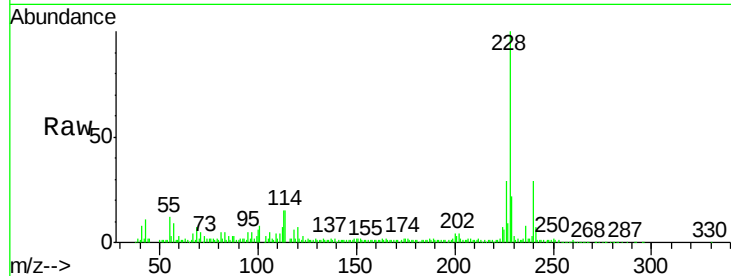
#80
Benzo(a)anthracene
Concen: 8.930 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103492.D
Acq: 7 Mar 2018 11:22

Instrument :
BNA_F
ClientSampled :
SP-9

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	21.6	15.8	23.6

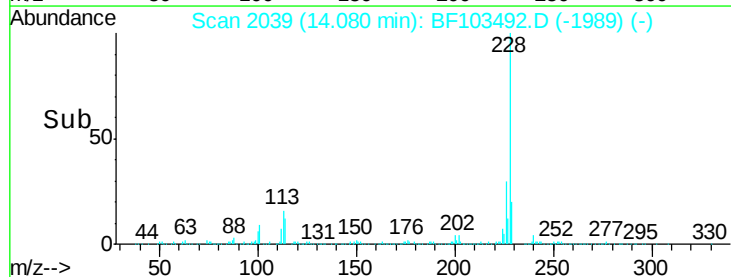
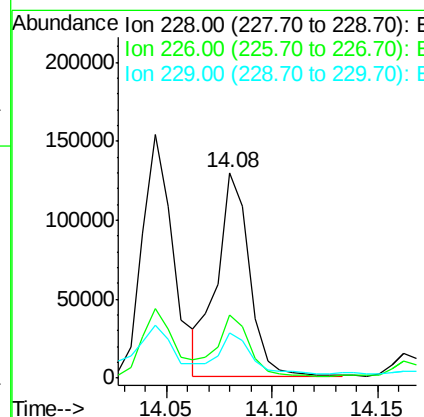
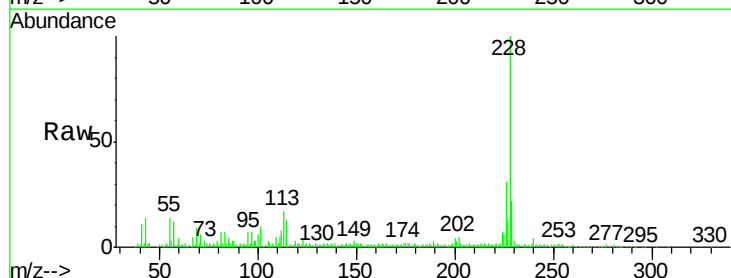
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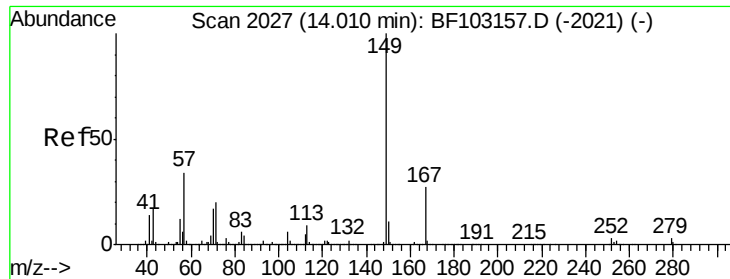
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#82
Chrysene
Concen: 8.162 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF103492.D
Acq: 7 Mar 2018 11:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	21.8	16.2	24.4





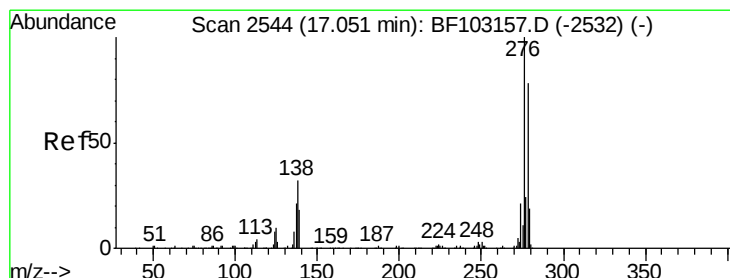
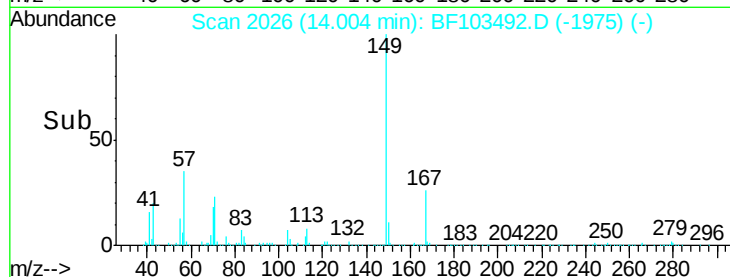
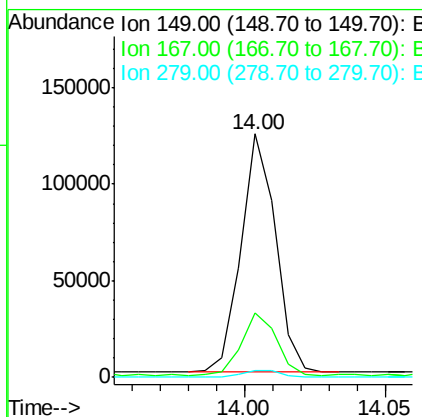
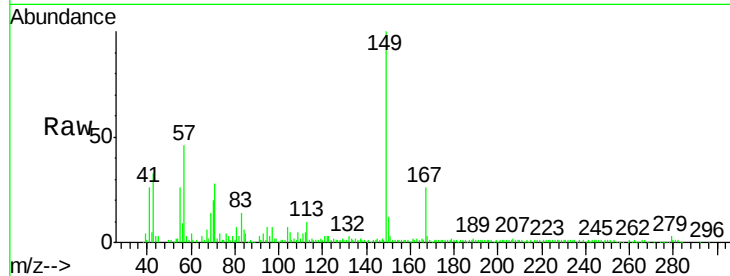
#83
Bis(2-ethylhexyl)phthalate
Concen: 7.031 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF103492.D
Acq: 7 Mar 2018 11:22

Instrument :
BNA_F
ClientSampleId :
SP-9

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	2.6	3.0	4.4

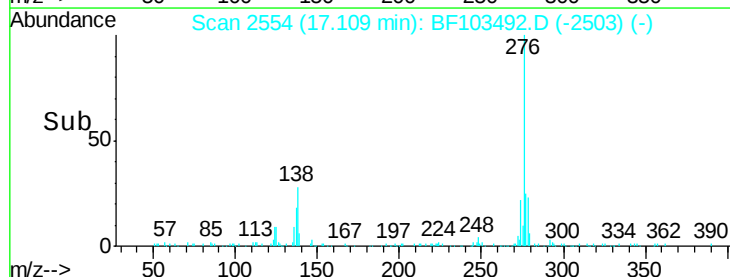
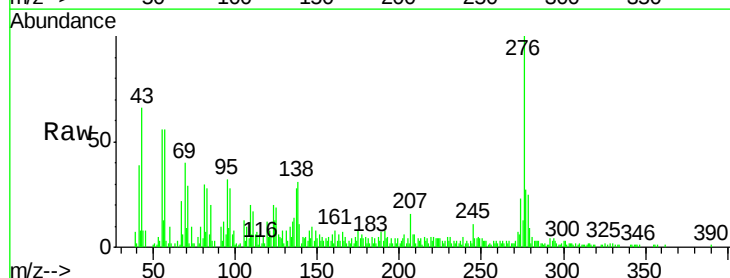
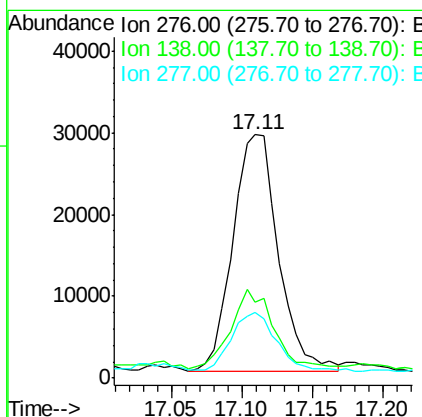
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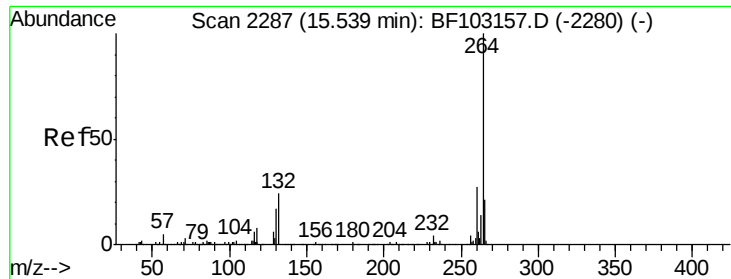
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 4.907 ng
RT: 17.11 min Scan# 2554
Delta R.T. 0.00 min
Lab File: BF103492.D
Acq: 7 Mar 2018 11:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.4	25.0	37.6
277	24.4	20.1	30.1





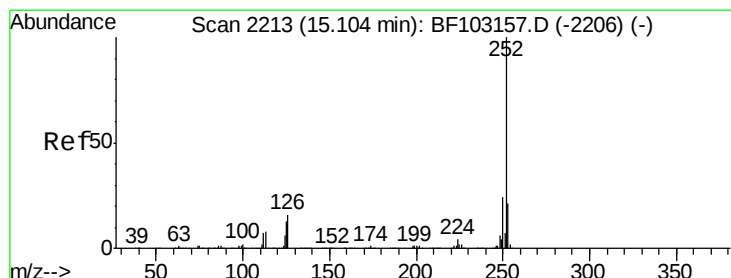
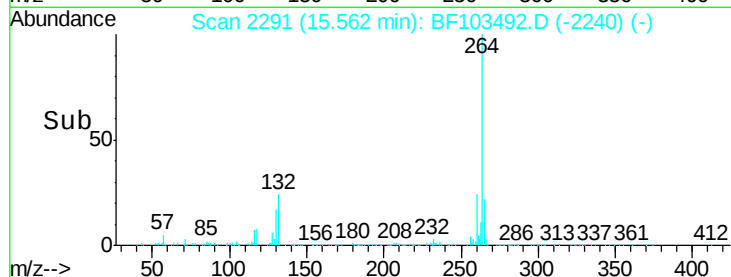
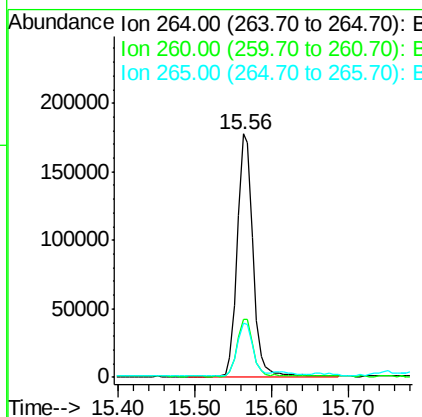
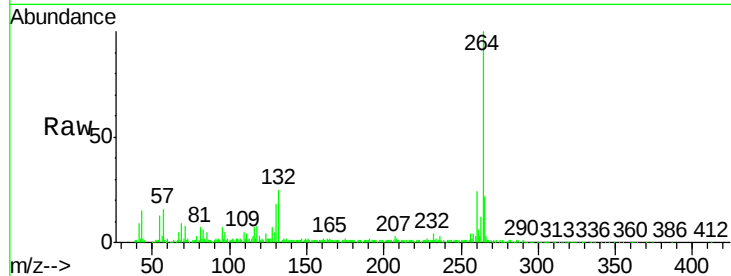
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.00 min
Lab File: BF103492.D
Acq: 7 Mar 2018 11:22

Instrument :
BNA_F
ClientSampleId :
SP-9

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.2	17.5	26.3

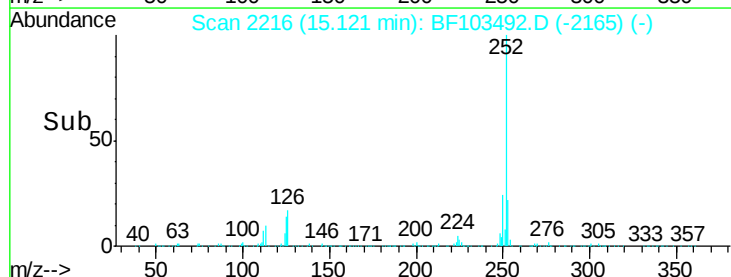
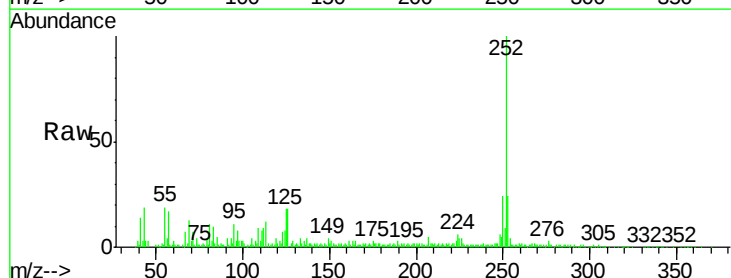
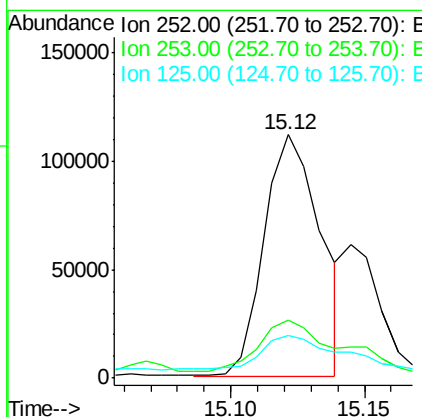
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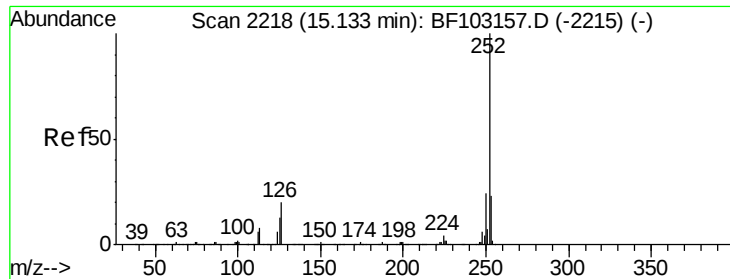
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#87
Benzo(b)fluoranthene
Concen: 9.837 ng m
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF103492.D
Acq: 7 Mar 2018 11:22

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.1	17.0	25.6
125	17.8	9.0	13.6#





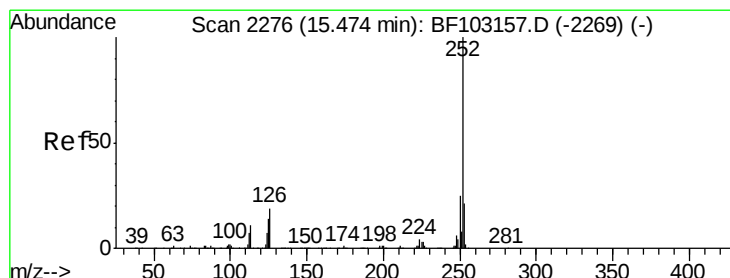
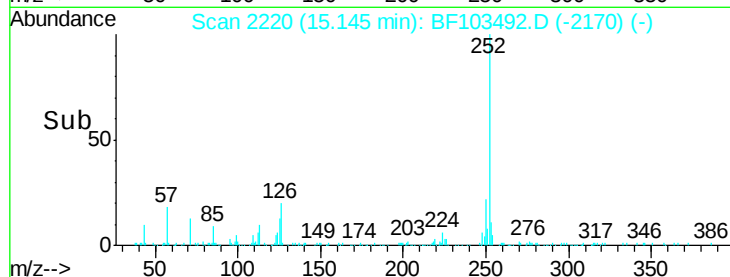
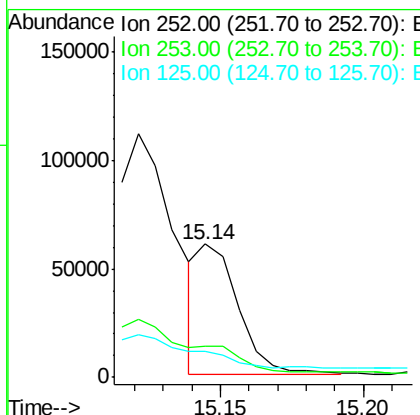
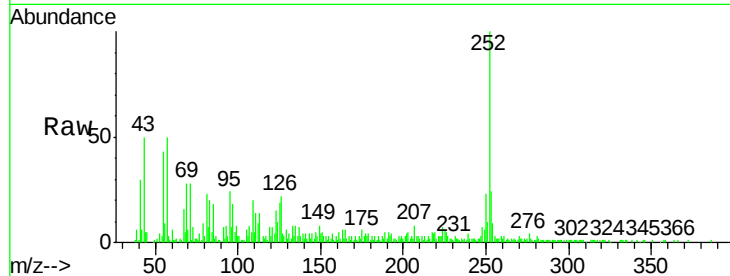
#88
Benzo(k)fluoranthene
Concen: 3.627 ng m
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF103492.D
Acq: 7 Mar 2018 11:22

Instrument :
BNA_F
ClientSampled :
SP-9

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	19.3	10.2	15.2

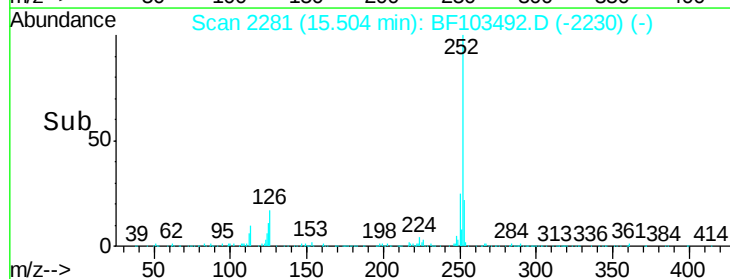
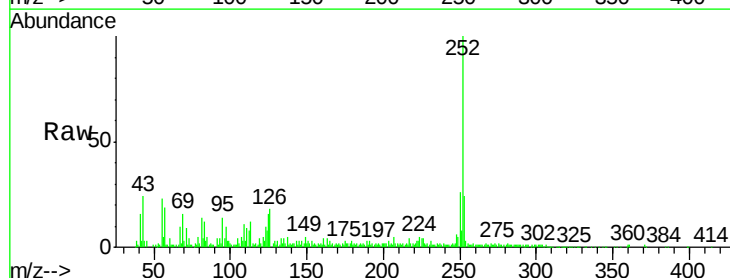
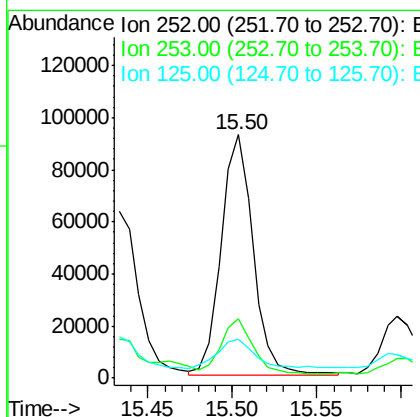
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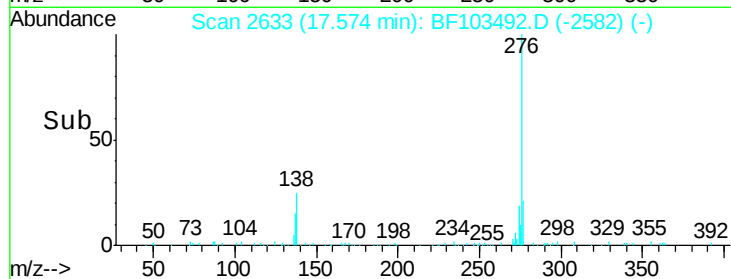
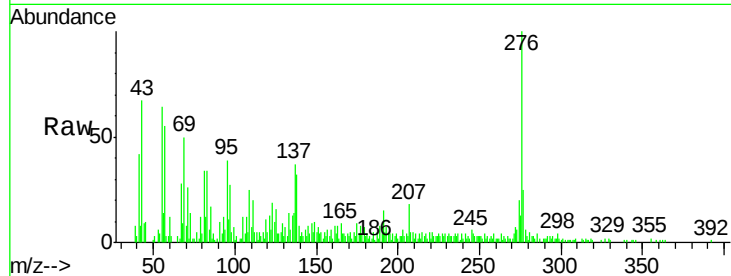
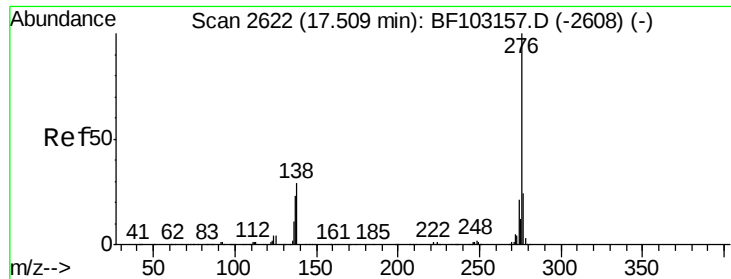
Sohil
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#89
Benzo(a)pyrene
Concen: 8.138 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF103492.D
Acq: 7 Mar 2018 11:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.1	25.7
125	15.9	9.8	14.6





#91

Benzo(a,h,i)perylene

Concen: 5.661 ng

RT: 17.57 min Scan# 2633

Delta R.T. 0.00 min

Lab File: BF103492.D

Acq: 7 Mar 2018 11:22

Instrument :

BNA_F

ClientSampleId :

SP-9

Tot Ion:	276	Resp:	64060
Ion Ratio	Lower	Upper	
276	100		
277	25.0	17.9	26.9
138	31.9	21.8	32.8

Manual Integrations
APPROVED

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