

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
 Data File : BF103493.D
 Acq On : 7 Mar 2018 11:49
 Operator : SJ/JU
 Sample : J1722-15
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-11

Manual Integrations
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 3/8/2018 4:42:51 PM

Quant Time: Mar 07 12:19:46 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	173937	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	708982	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	292242	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	428548	20.00	ng	0.00
75) Chrysene-d12	14.06	240	264301	20.00	ng	0.00
86) Perylene-d12	15.57	264	210633	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1126104	97.92	ng	0.00
7) Phenol-d6	6.50	99	1353799	96.20	ng	0.00
23) Nitrobenzene-d5	7.43	82	866876	69.83	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	156217	63.15	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1122738	61.95	ng	0.00
78) Terphenyl-d14	12.99	244	702982	63.94	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	83222	3.550	ng	97
70) Phenanthrene	11.43	178	227223	9.634	ng	98
71) Anthracene	11.48	178	77240	3.194	ng	97
74) Fluoranthene	12.62	202	439416	18.541	ng	99
77) Pyrene	12.85	202	436367	21.176	ng	99
80) Benzo(a)anthracene	14.04	228	187962	10.961	ng	97
82) Chrysene	14.09	228	181041	10.873	ng	97
83) Bis(2-ethylhexyl)phthalate	14.01	149	284626	19.373	ng	100
85) Indeno(1,2,3-cd)pyrene	17.12	276	65901	4.999	ng	97
87) Benzo(b)fluoranthene	15.13	252	197041m	14.228	ng	
88) Benzo(k)fluoranthene	15.15	252	55476m	4.254	ng	
89) Benzo(a)pyrene	15.50	252	128633	10.401	ng	# 89
91) Benzo(a,h,i)perylene	17.59	276	63804	6.831	ng	# 85

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

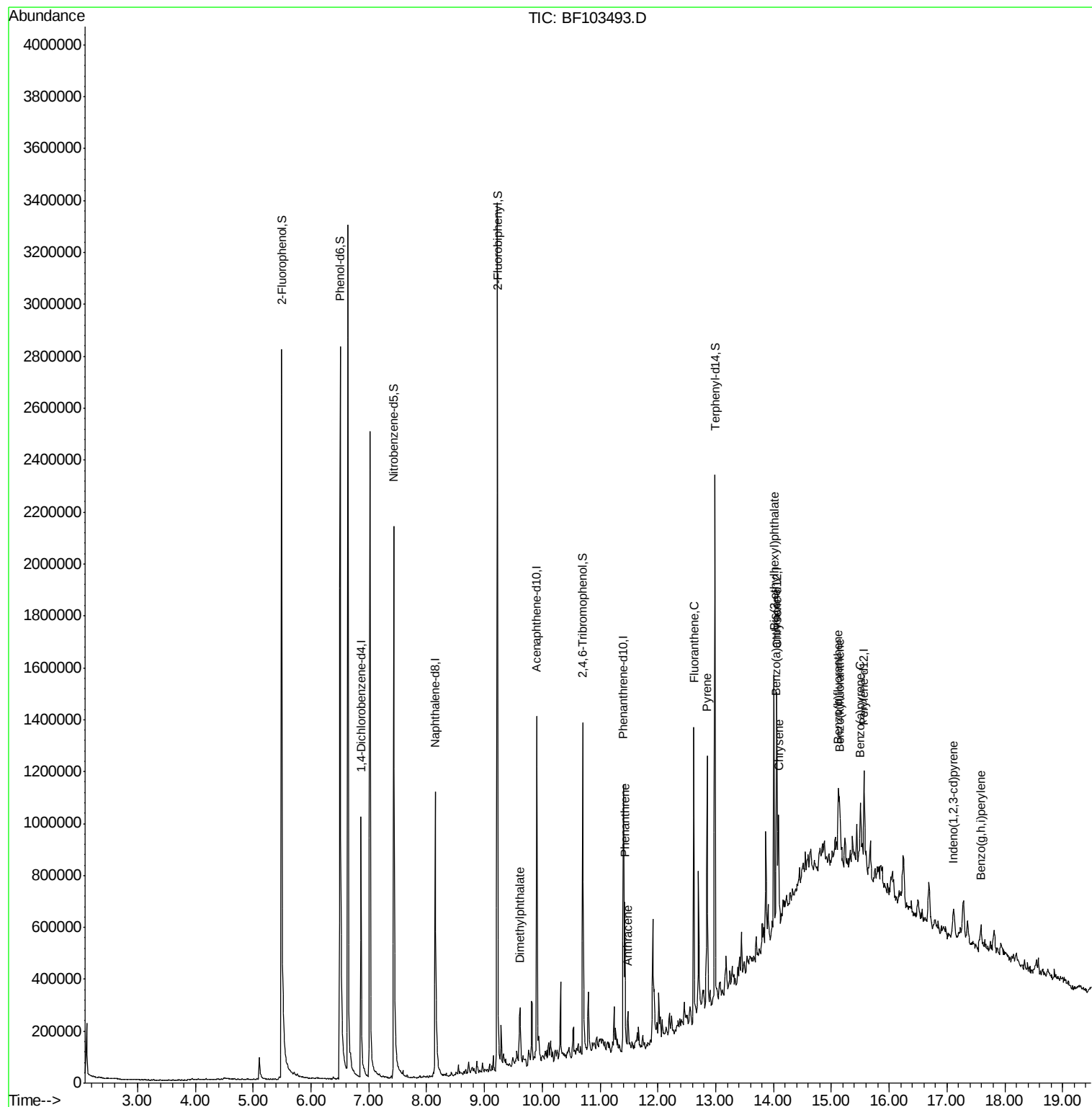
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
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ALS Vial : 4 Sample Multiplier: 1

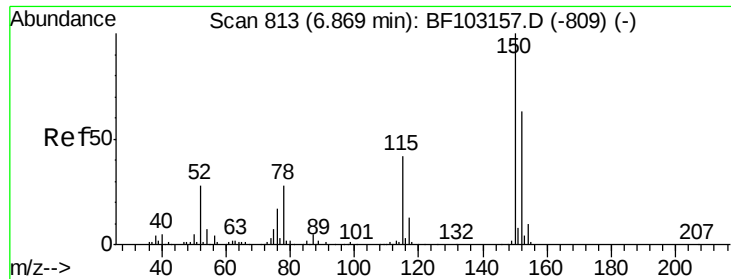
Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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#1

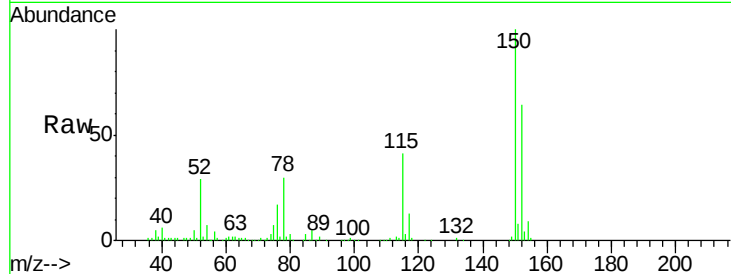
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103493.D
Acq: 7 Mar 2018 11:49

Instrument :
BNA_F
ClientSampled :
SP-11

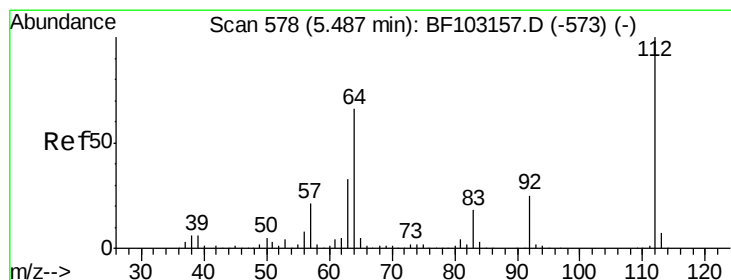
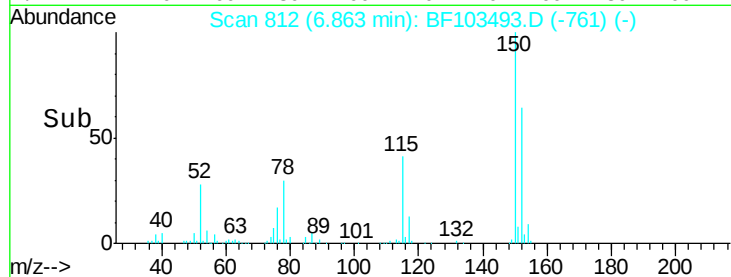
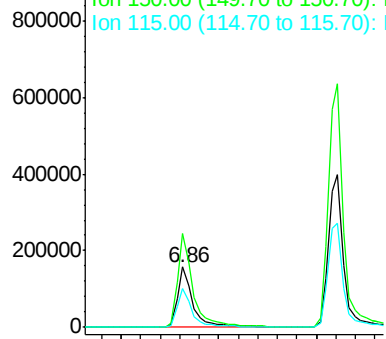
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	64.8	50.1	75.1

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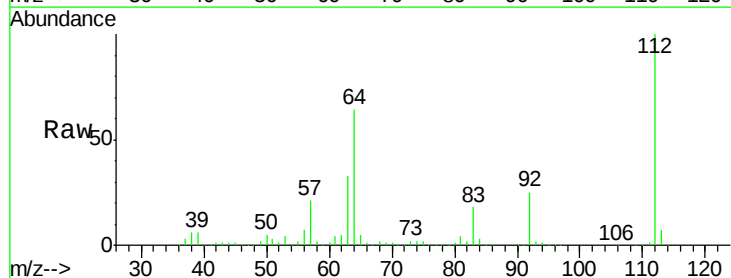
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



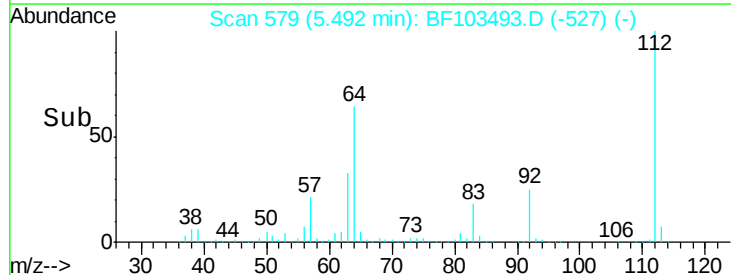
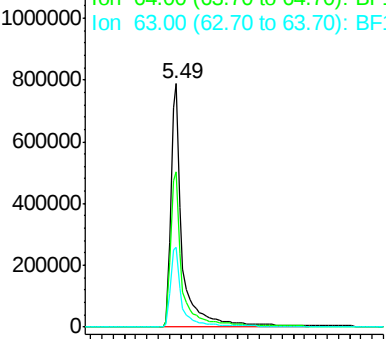
#5

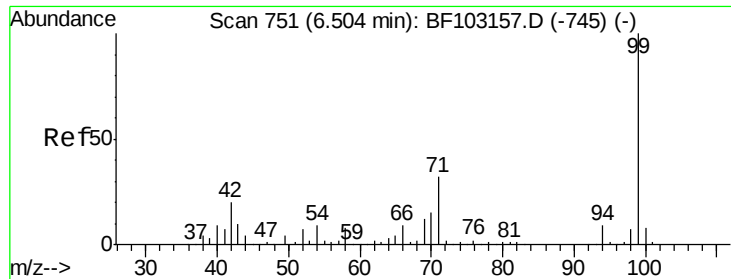
2-Fluorophenol
Concen: 97.918 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103493.D
Acq: 7 Mar 2018 11:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.0	47.9	71.9
63	32.9	23.7	35.5



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





#7

Phenol-d6

Concen: 96.201 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103493.D

Acq: 7 Mar 2018 11:49

Instrument :

BNA_F

ClientSampled :

SP-11

Tot Ion: 99 Resp: 1353799

Ion Ratio Lower Upper

99 100

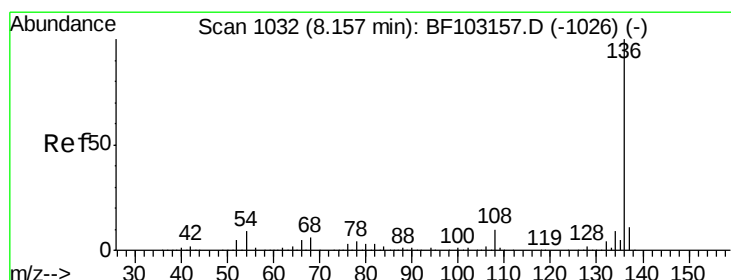
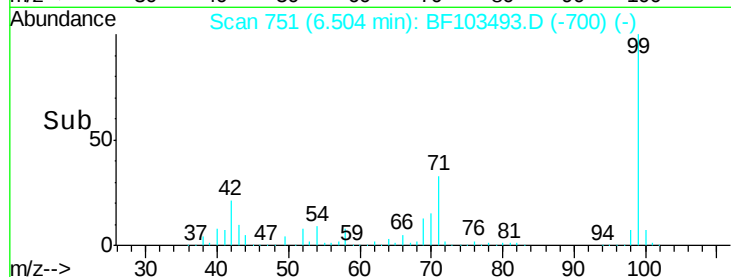
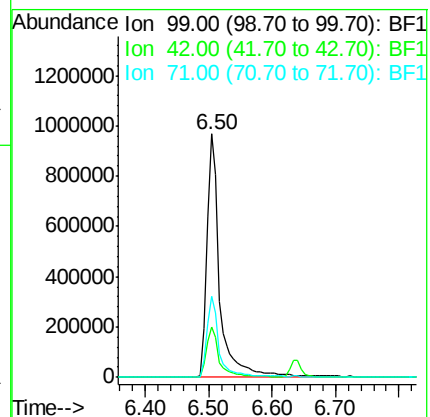
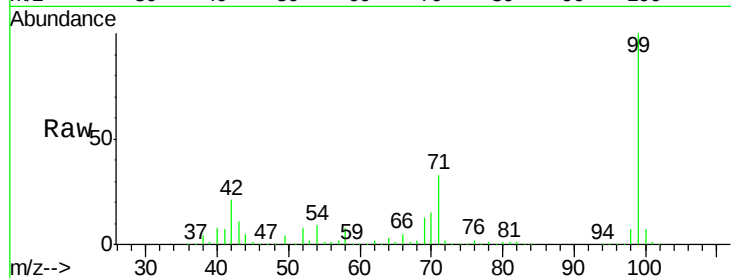
42 20.9 14.5 21.7

71 33.5 25.4 38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF103493.D

Acq: 7 Mar 2018 11:49

Tgt Ion: 136 Resp: 708982

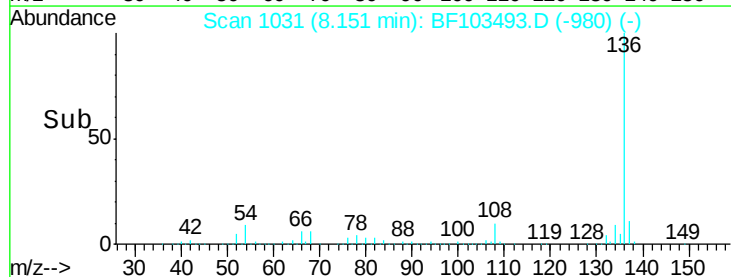
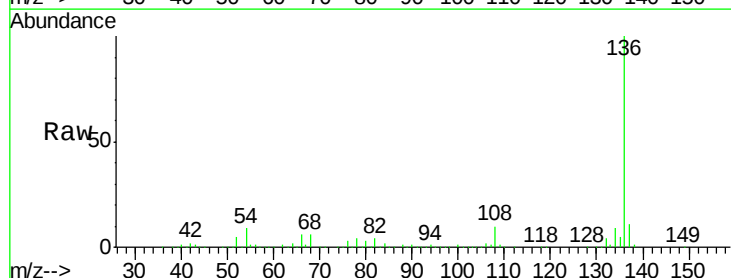
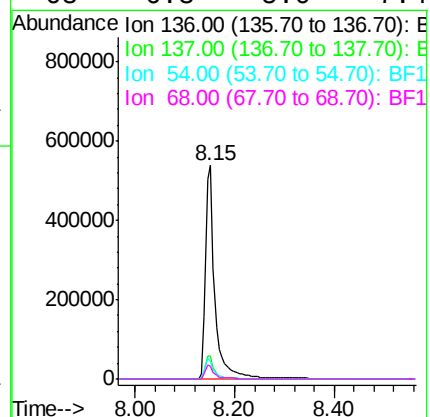
Ion Ratio Lower Upper

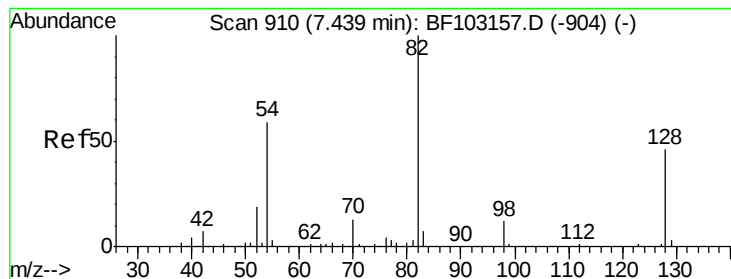
136 100

137 11.0 8.9 13.3

54 8.7 6.6 9.8

68 6.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 69.827 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF103493.D

Acq: 7 Mar 2018 11:49

Instrument :

BNA_F

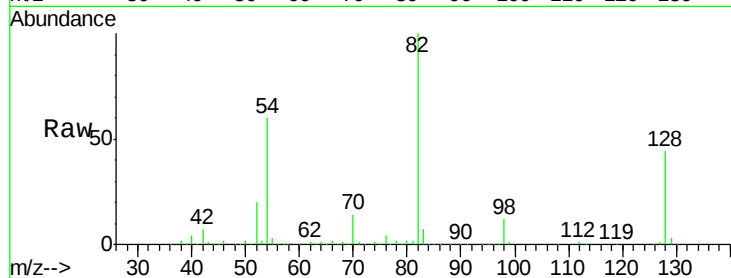
ClientSampled :

SP-11

Tot Ion:	82	Resp:	866876
Ion Ratio	Lower	Upper	
82	100		
128	44.2	36.1	54.1
54	60.3	41.4	62.2

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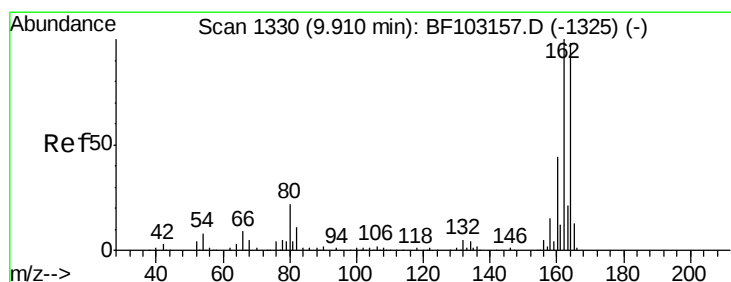
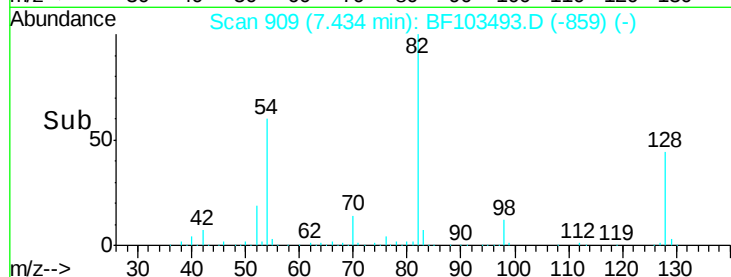
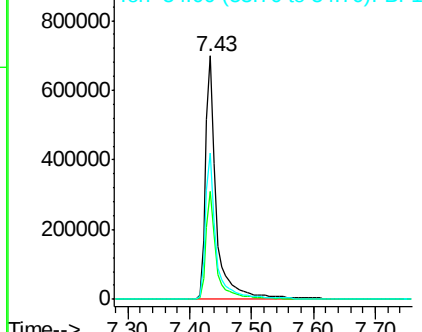
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF103493.D

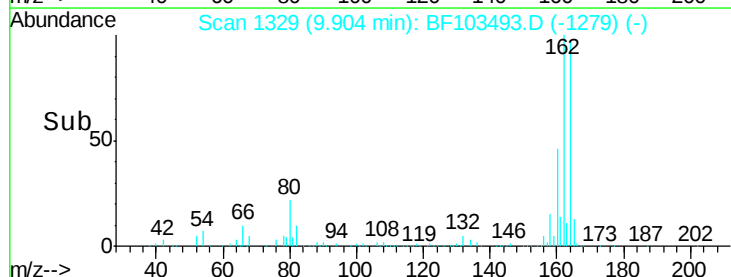
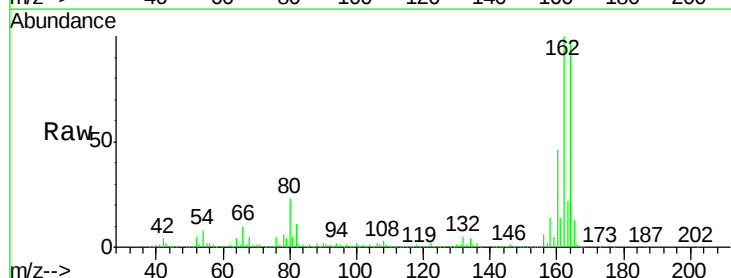
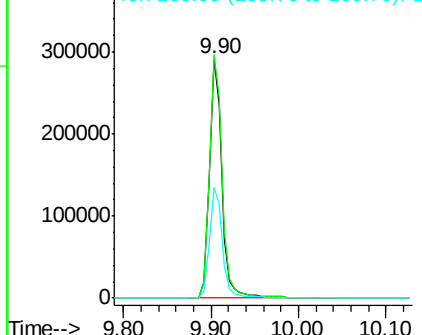
Acq: 7 Mar 2018 11:49

Tgt Ion:	164	Resp:	292242
Ion Ratio	Lower	Upper	
164	100		
162	102.0	86.1	129.1
160	46.4	38.3	57.5

Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





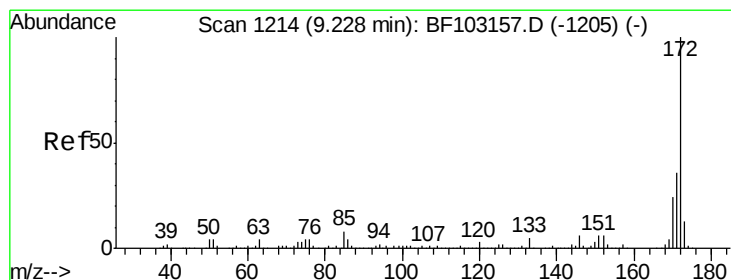
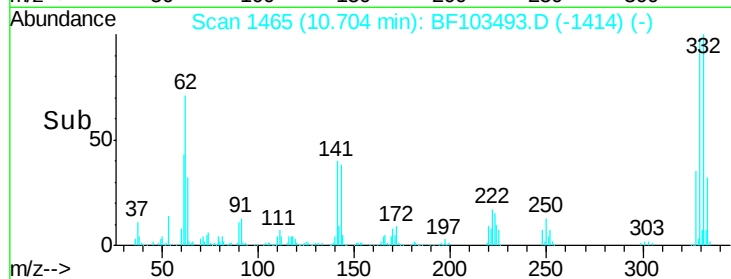
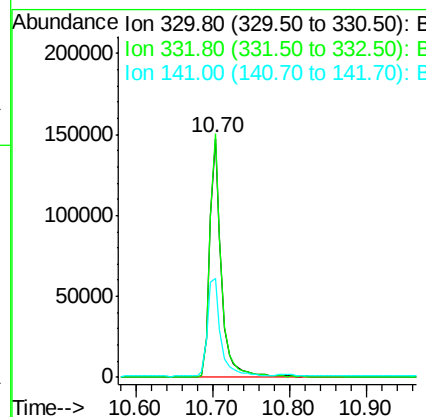
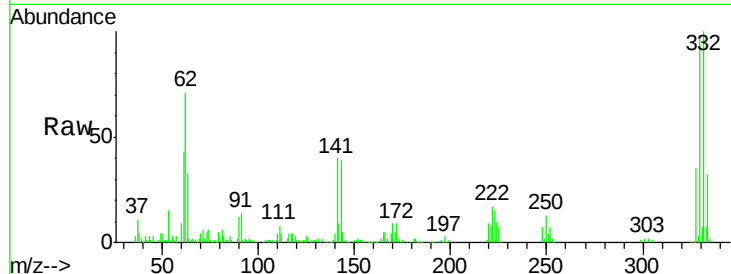
#41
 2,4,6-Tribromophenol
 Concen: 63.152 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103493.D
 Acq: 7 Mar 2018 11:49

Instrument :
 BNA_F
 ClientSampleId :
 SP-11

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.9	77.0	115.6
141	45.8	29.9	44.9

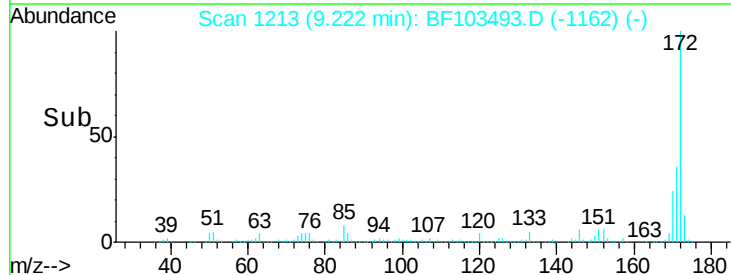
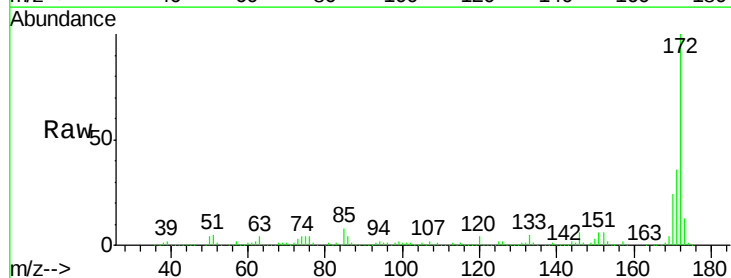
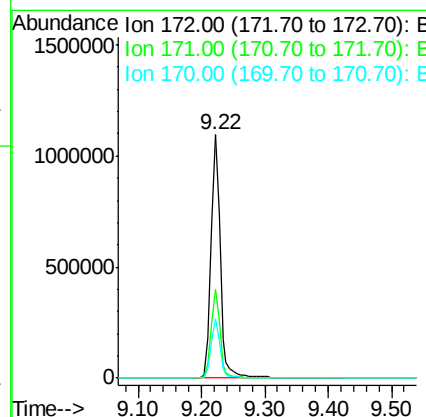
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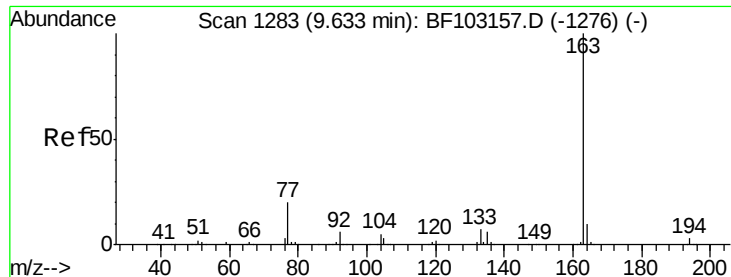
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#44
 2-Fluorobiphenyl
 Concen: 61.955 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103493.D
 Acq: 7 Mar 2018 11:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.3	19.6	29.4





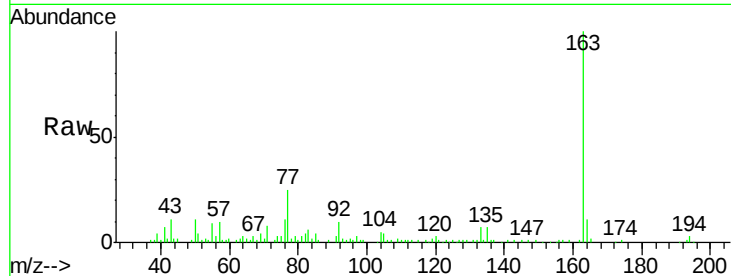
#49
Dimethylphthalate
Concen: 3.550 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF103493.D
Acq: 7 Mar 2018 11:49

Instrument :
BNA_F
ClientSampled :
SP-11

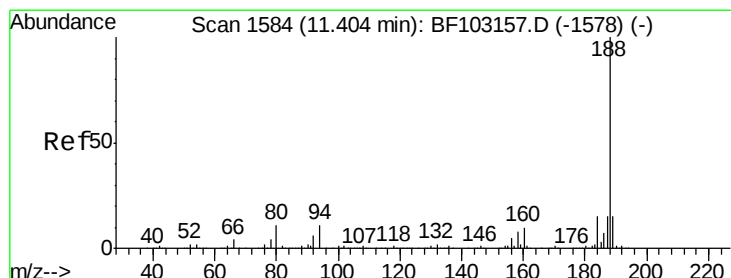
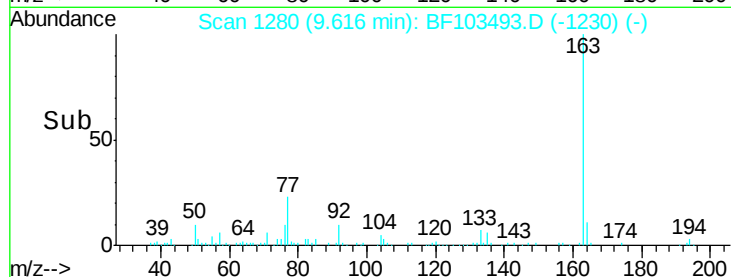
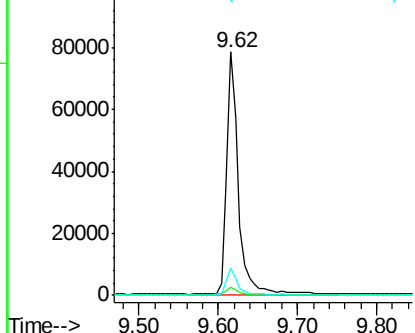
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	11.4	8.2	12.2

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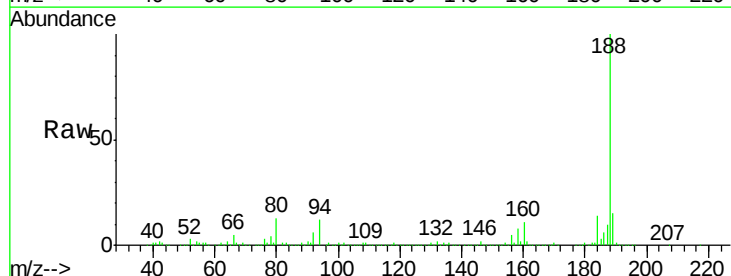


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

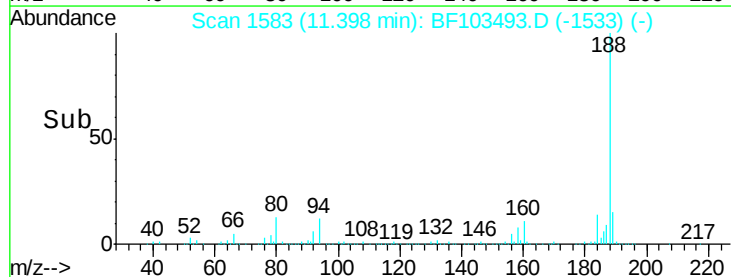
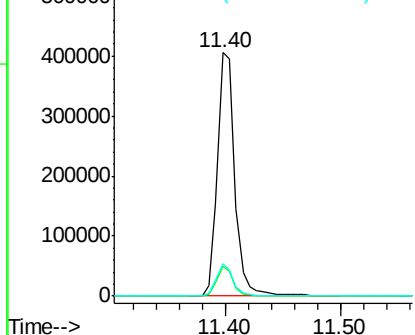


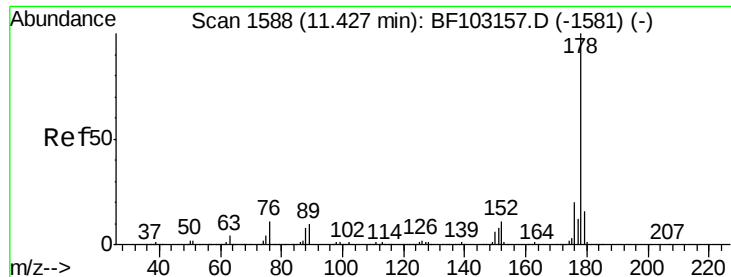
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103493.D
Acq: 7 Mar 2018 11:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.5	8.5	12.7
80	13.2	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





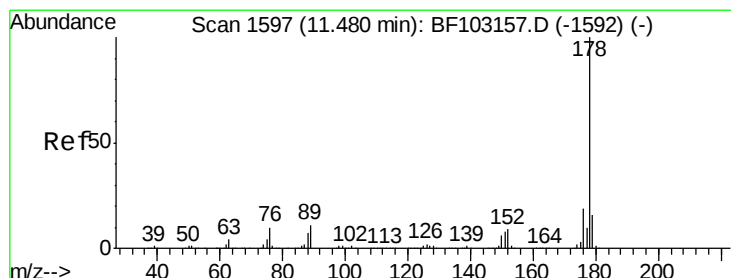
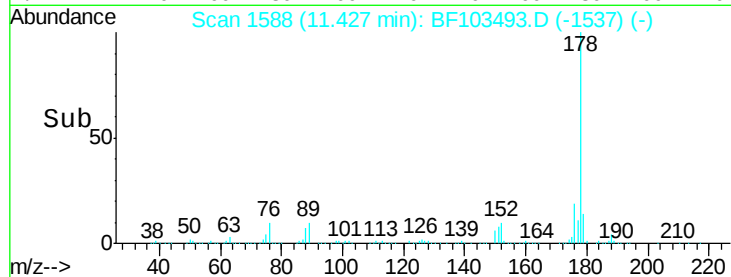
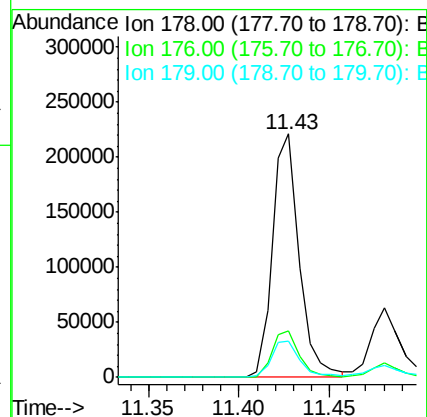
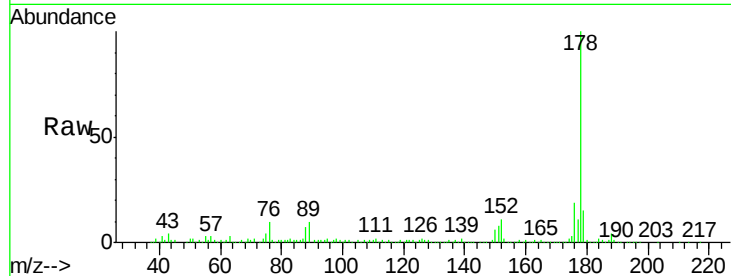
#70
Phenanthrene
Concen: 9.634 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF103493.D
Acq: 7 Mar 2018 11:49

Instrument :
BNA_F
ClientSampled :
SP-11

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	14.7	13.0	19.6

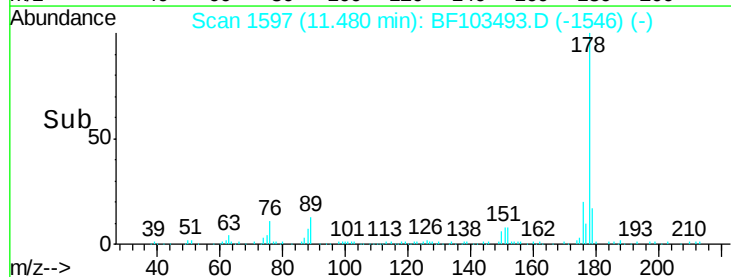
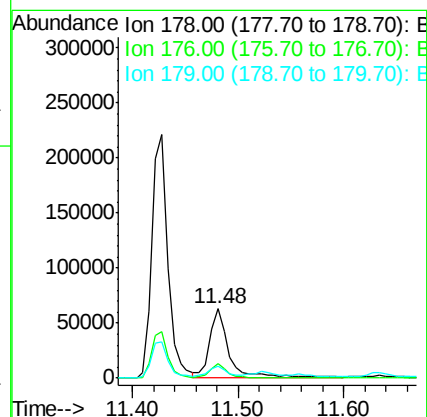
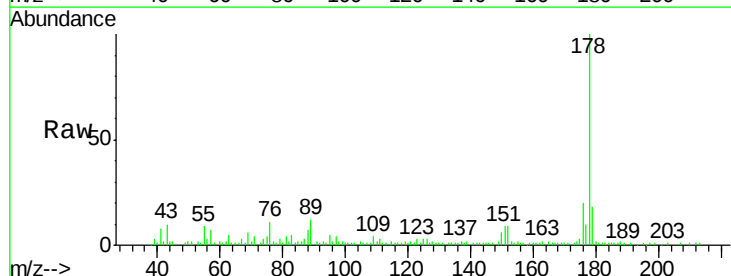
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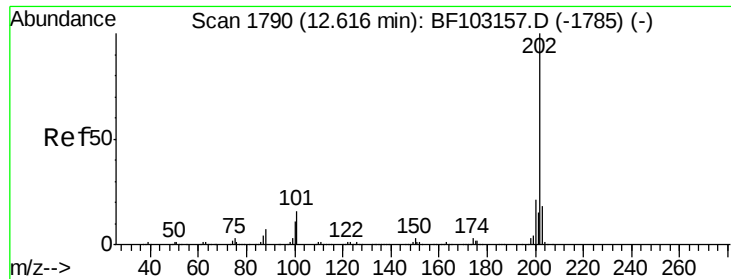
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#71
Anthracene
Concen: 3.194 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BF103493.D
Acq: 7 Mar 2018 11:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.4	23.2
179	18.0	12.6	19.0





#74

Fluoranthene

Concen: 18.541 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF103493.D

Acq: 7 Mar 2018 11:49

Instrument :

BNA_F

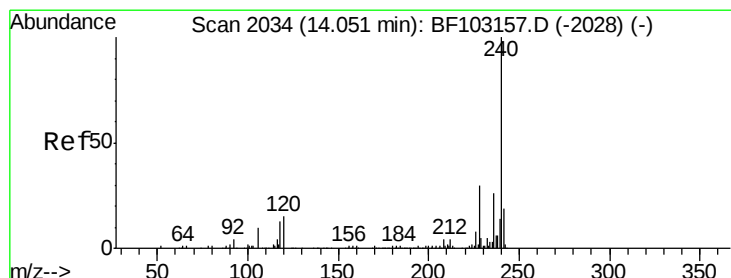
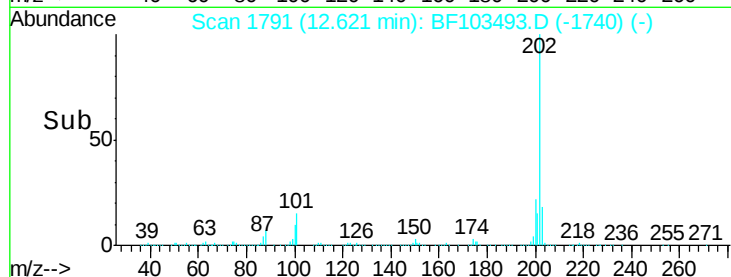
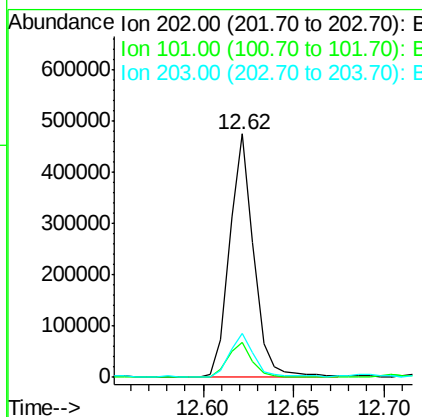
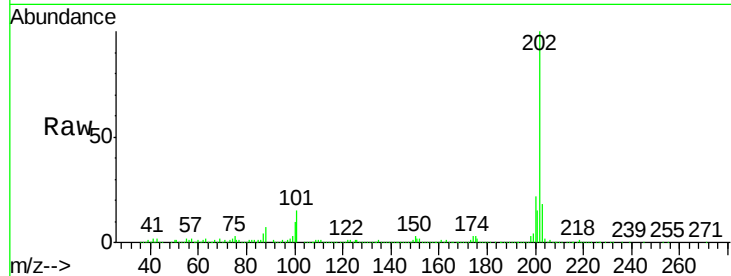
ClientSampled :

SP-11

Tot Ion:	202	Resp:	439416
Ion Ratio	Lower	Upper	
202	100		
101	14.6	0.0	34.1
203	18.0	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

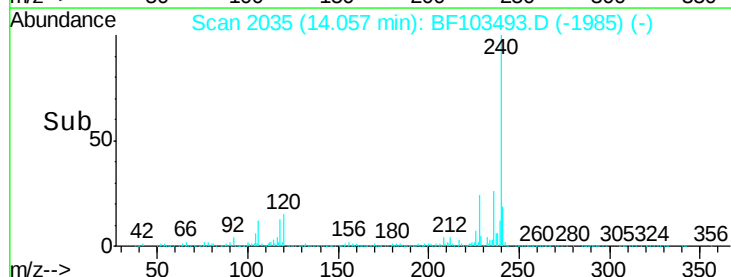
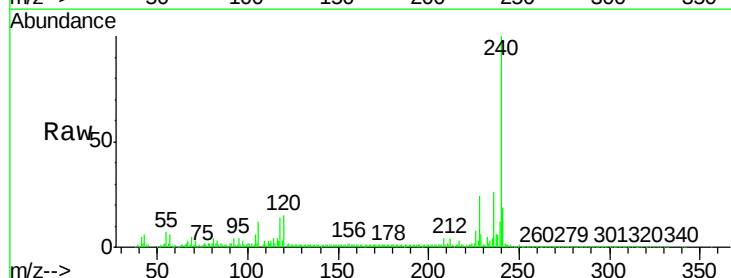
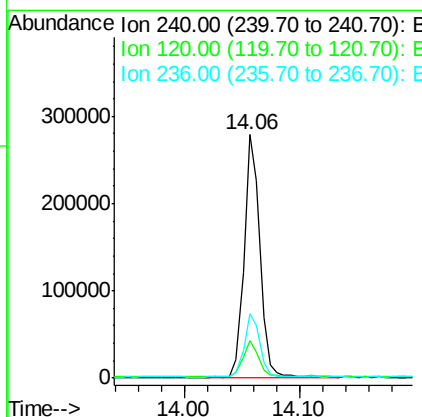
RT: 14.06 min Scan# 2035

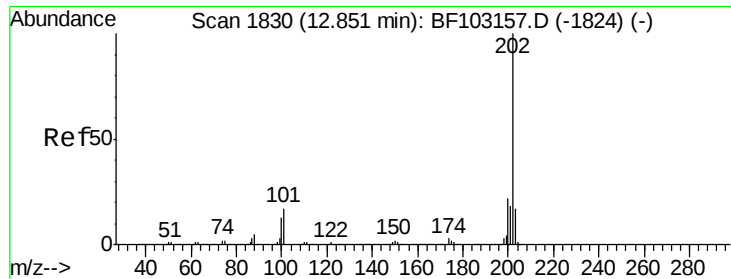
Delta R.T. -0.01 min

Lab File: BF103493.D

Acq: 7 Mar 2018 11:49

Tgt Ion:	240	Resp:	264301
Ion Ratio	Lower	Upper	
240	100		
120	15.2	9.5	14.3#
236	26.5	20.7	31.1





#77

Pvrene

Concen: 21.176 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF103493.D

Acq: 7 Mar 2018 11:49

Instrument :

BNA_F

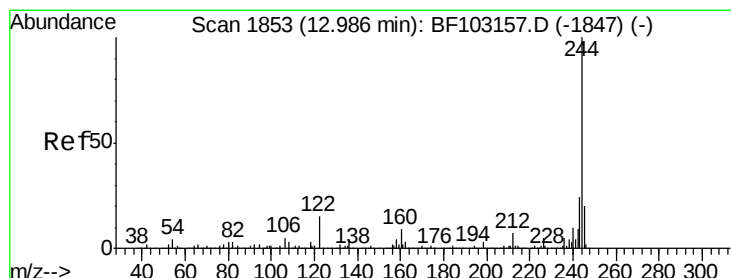
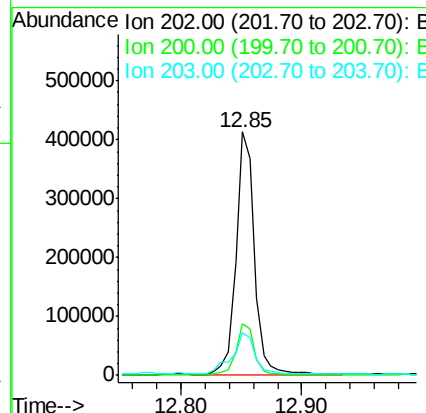
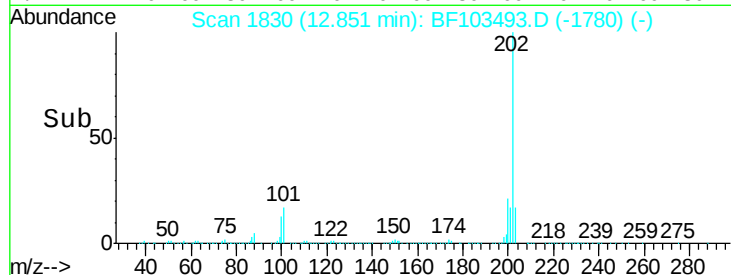
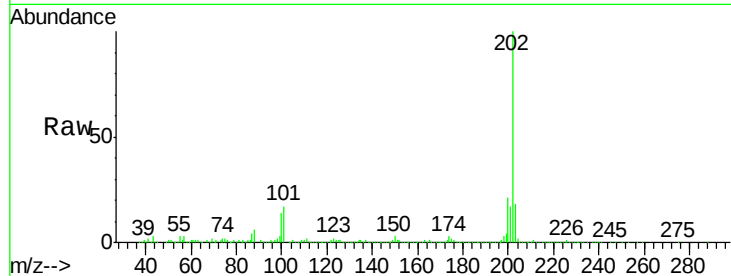
ClientSampled :

SP-11

Tot Ion:	202	Resp:	436367
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.4	26.2
203	17.5	14.3	21.5

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#78

Terphenyl-d14

Concen: 63.938 ng

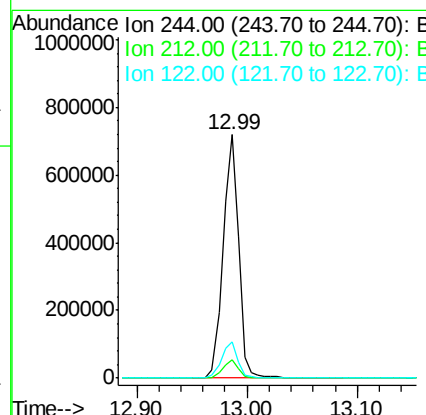
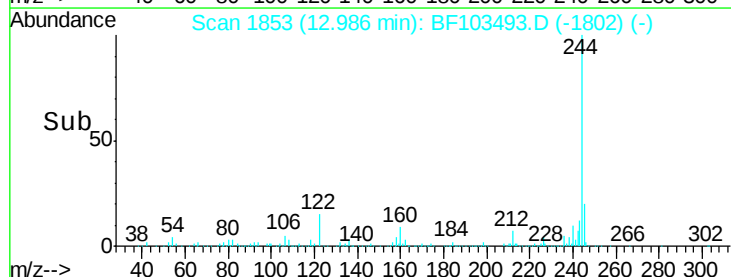
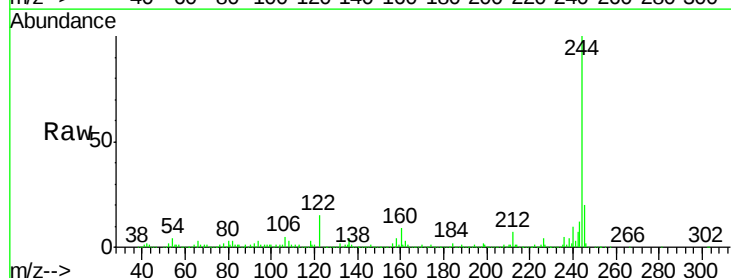
RT: 12.99 min Scan# 1853

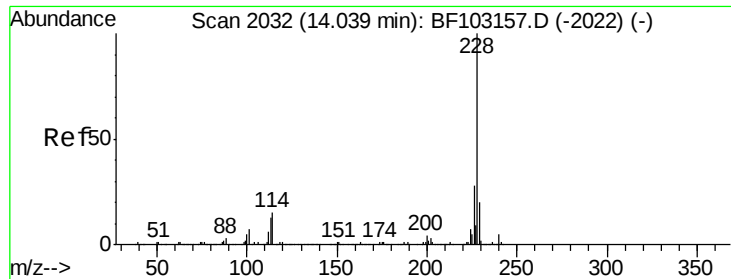
Delta R.T. 0.00 min

Lab File: BF103493.D

Acq: 7 Mar 2018 11:49

Tgt Ion:	244	Resp:	702982
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.4	8.0
122	14.7	11.0	16.4





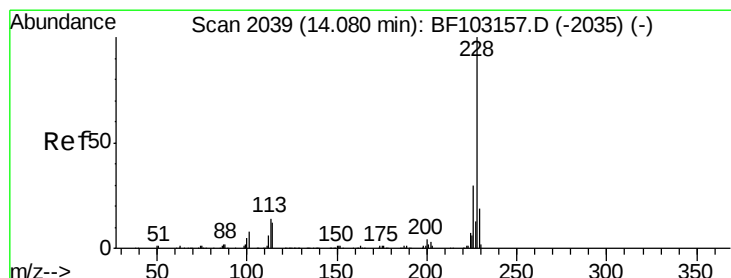
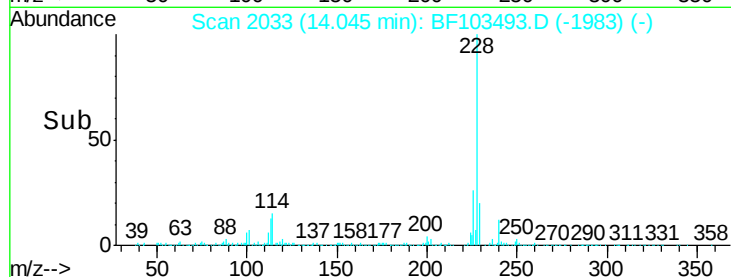
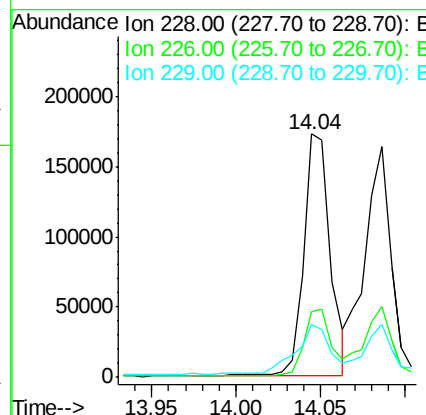
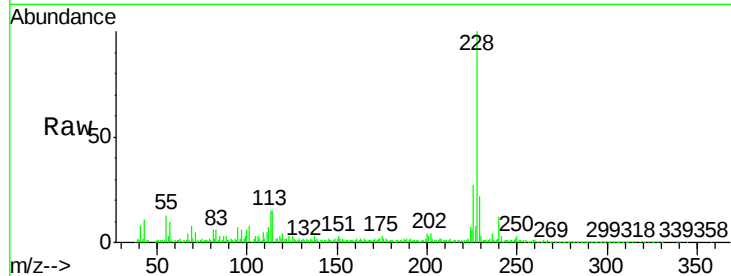
#80
Benzo(a)anthracene
Concen: 10.961 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103493.D
Acq: 7 Mar 2018 11:49

Instrument :
BNA_F
ClientSampleId :
SP-11

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.6	33.8
229	21.9	15.8	23.6

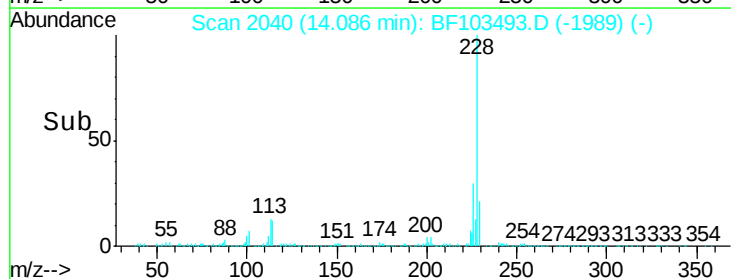
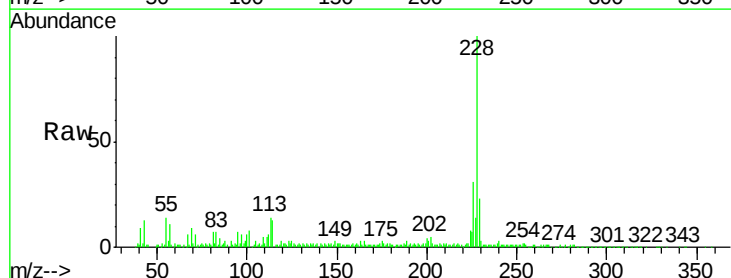
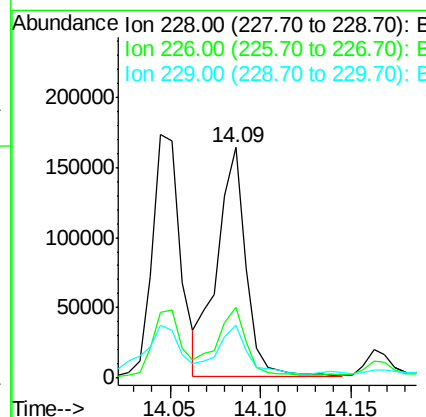
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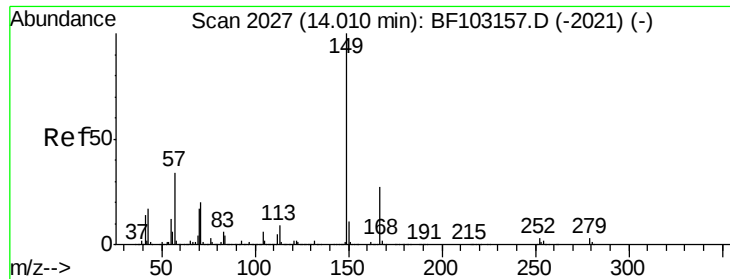
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#82
Chrysene
Concen: 10.873 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BF103493.D
Acq: 7 Mar 2018 11:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	23.1	16.2	24.4





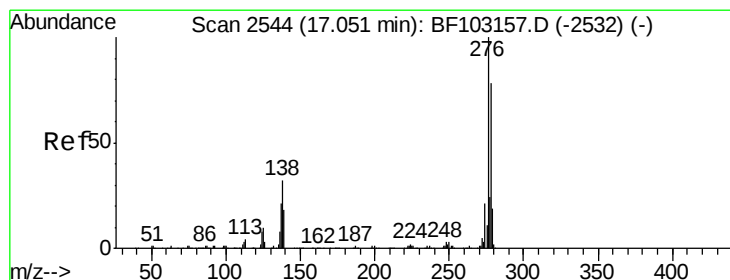
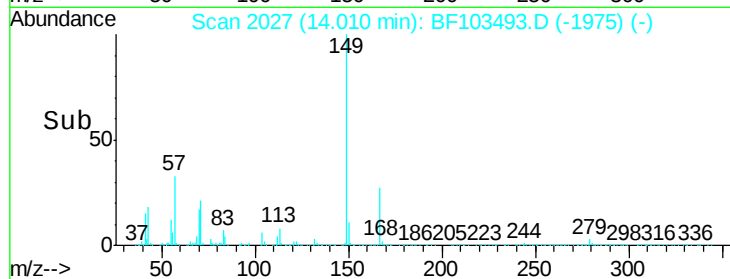
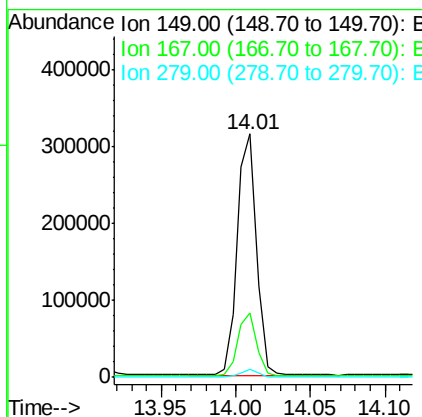
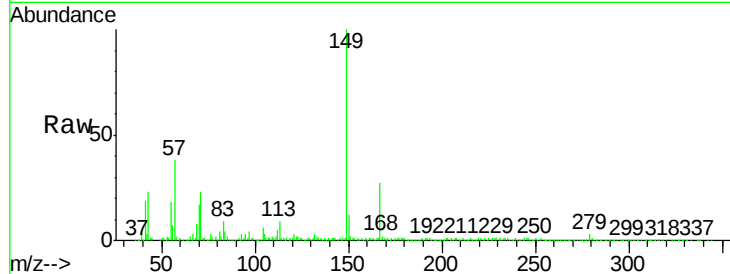
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 19.373 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.01 min
 Lab File: BF103493.D
 Acq: 7 Mar 2018 11:49

Instrument :
 BNA_F
 ClientSampleId :
 SP-11

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	3.1	3.0	4.4

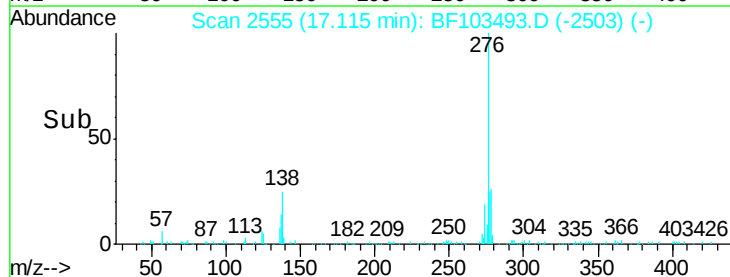
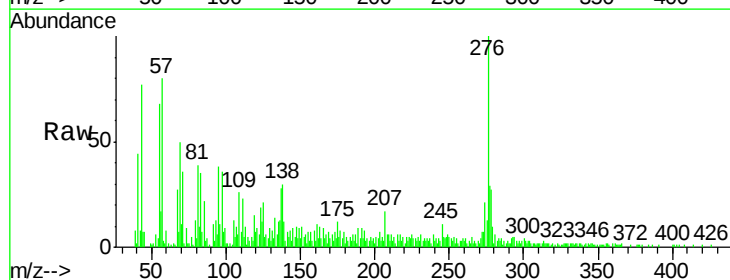
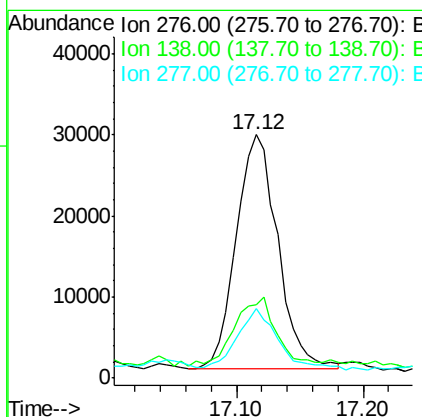
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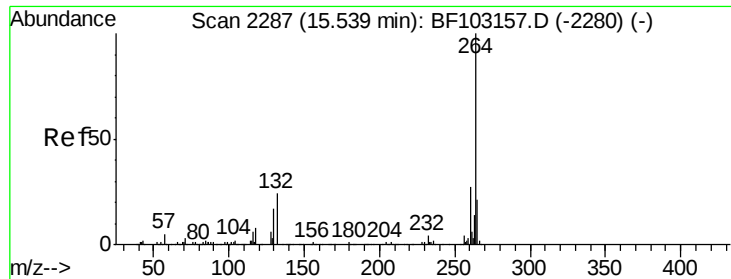
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.999 ng
 RT: 17.12 min Scan# 2555
 Delta R.T. 0.01 min
 Lab File: BF103493.D
 Acq: 7 Mar 2018 11:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.2	25.0	37.6
277	25.9	20.1	30.1





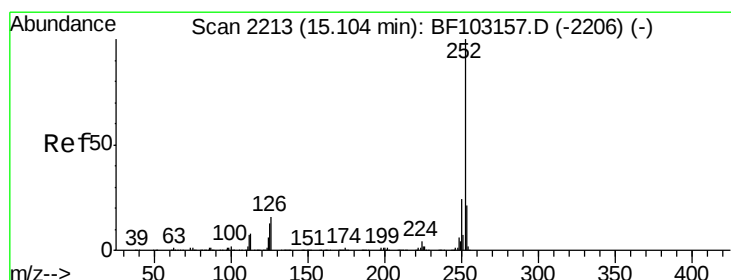
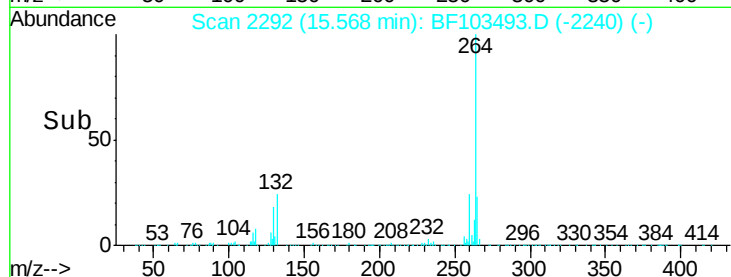
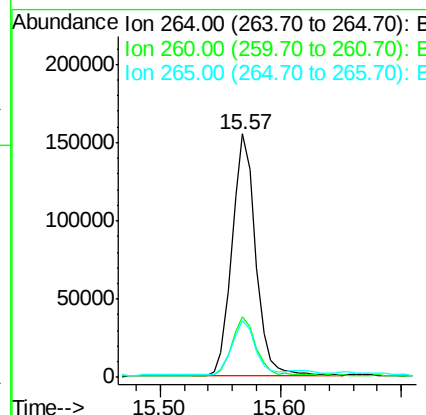
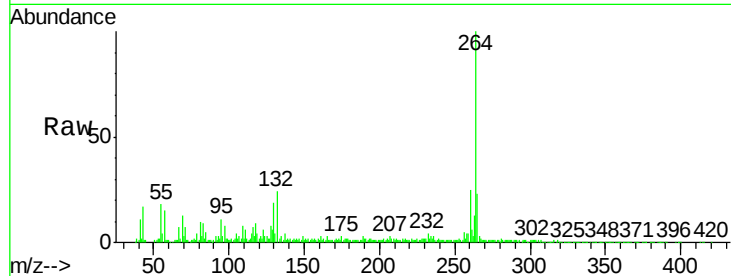
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.01 min
Lab File: BF103493.D
Acq: 7 Mar 2018 11:49

Instrument :
BNA_F
ClientSampled :
SP-11

Tot Ion	Ratio	Resp	Lower	Upper
264	100	210633		
260	25.1	19.2	28.8	
265	23.4	17.5	26.3	

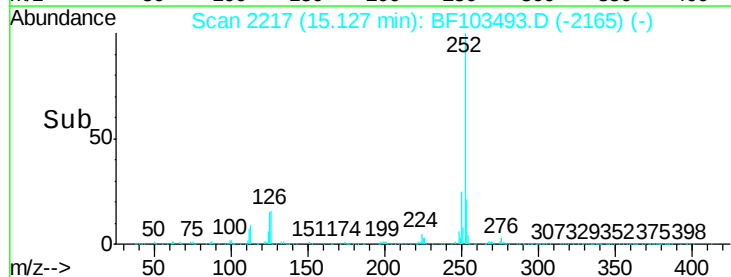
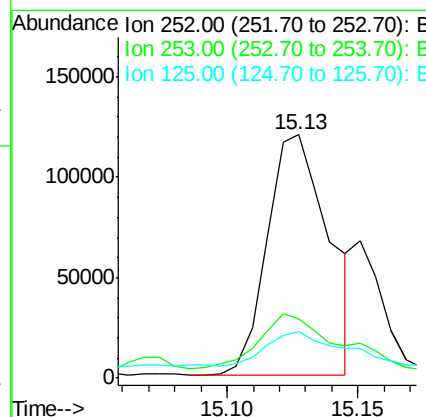
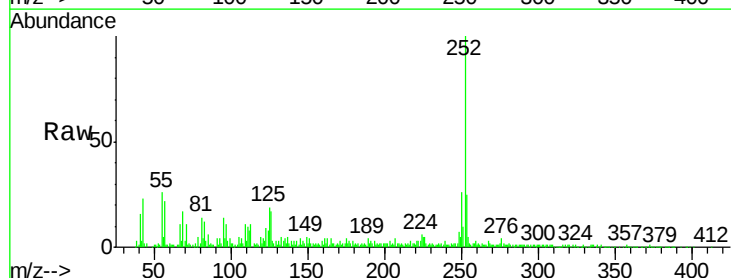
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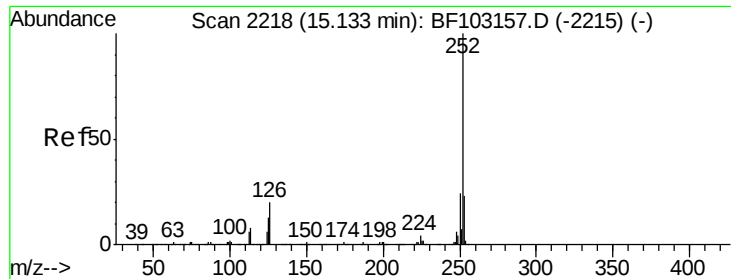
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#87
Benzo(b)fluoranthene
Concen: 14.228 ng m
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF103493.D
Acq: 7 Mar 2018 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	197041		
253	24.5	17.0	25.6	
125	19.2	9.0	13.6	





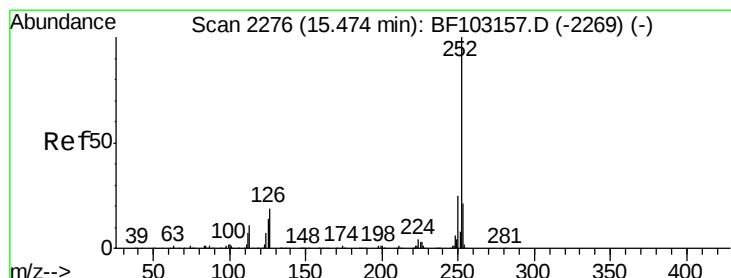
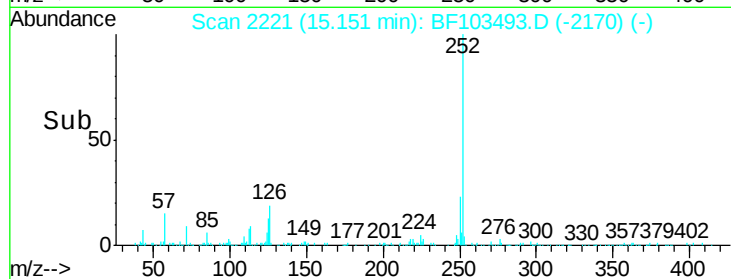
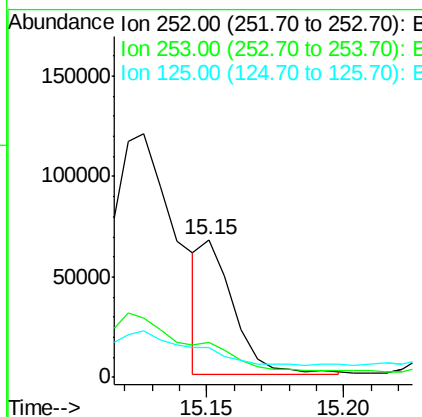
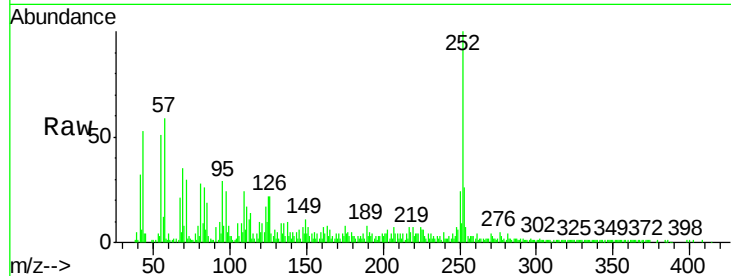
#88
Benzo(k)fluoranthene
Concen: 4.254 ng m
RT: 15.15 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF103493.D
Acq: 7 Mar 2018 11:49

Instrument :
BNA_F
ClientSampled :
SP-11

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.9	26.9
125	22.0	10.2	15.2

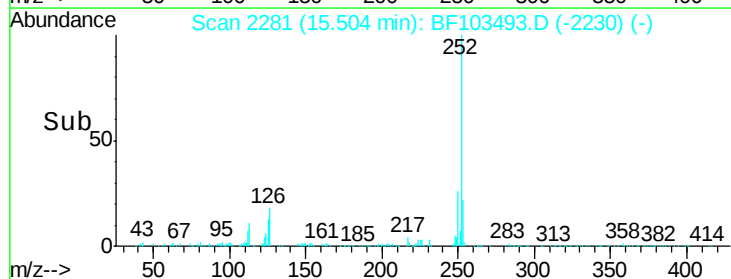
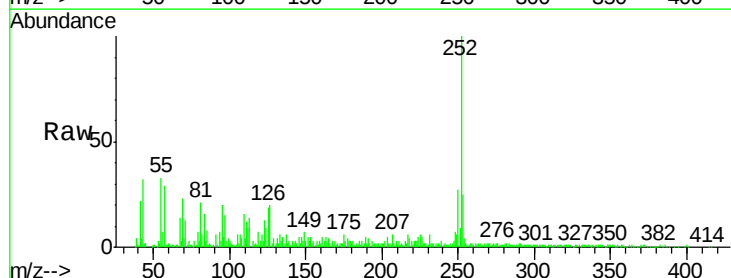
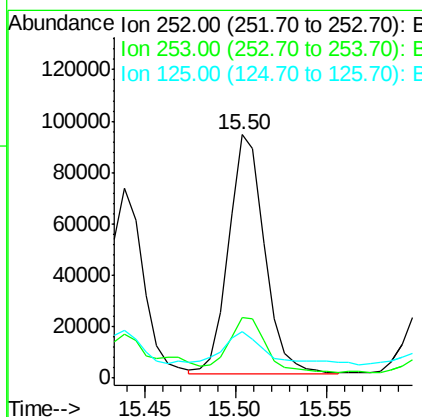
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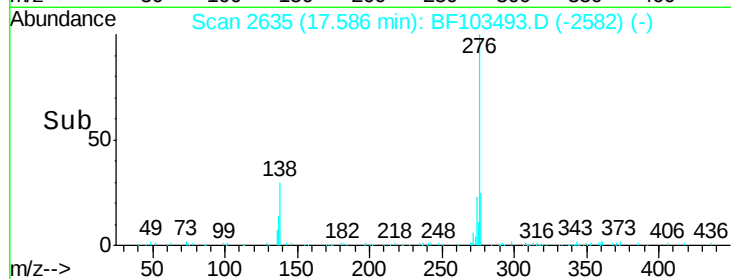
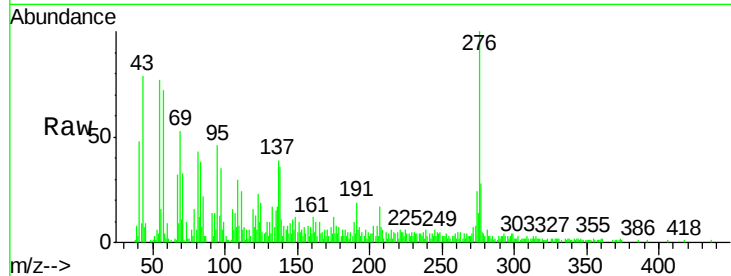
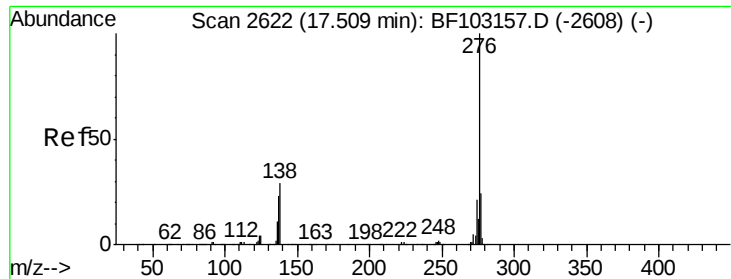
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#89
Benzo(a)pyrene
Concen: 10.401 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF103493.D
Acq: 7 Mar 2018 11:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.1	25.7
125	19.2	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 6.831 ng
 RT: 17.59 min Scan# 2635
 Delta R.T. 0.01 min
 Lab File: BF103493.D
 Acq: 7 Mar 2018 11:49

Instrument :
 BNA_F
 ClientSampleId :
 SP-11

Tot Ion	Ratio	Lower	Upper
276	100		
277	28.2	17.9	26.9#
138	36.5	21.8	32.8#

Manual Integrations
 APPROVED

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