

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
 Data File : BF113090.D
 Acq On : 18 Mar 2019 15:10
 Operator : JU/SJ
 Sample : K1901-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(6.5-7.5)

Manual Integrations
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Quant Time: Mar 19 05:20:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	152067	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	688688	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	357561	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	566253	20.00	ng	0.00
76) Chrysene-d12	13.87	240	497797	20.00	ng	0.00
87) Perylene-d12	15.28	264	521418	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	612765	62.68	ng	0.00
7) Phenol-d6	6.37	99	930856	75.80	ng	0.00
23) Nitrobenzene-d5	7.29	82	491174	42.68	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	207459	54.65	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1155446	47.62	ng	-0.01
79) Terphenyl-d14	12.82	244	1095579	42.66	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.47	163	101082	3.834	ng	Qvalue 100
71) Phenanthrene	11.26	178	187454	6.654	ng	98
75) Fluoranthene	12.45	202	458034	15.175	ng	95
78) Pyrene	12.67	202	390621	9.308	ng	98
81) Benzo(a)anthracene	13.86	228	208633	6.047	ng	99
83) Chrysene	13.89	228	206906	6.122	ng	96
84) Bis(2-ethylhexyl)phthalate	13.85	149	51518	2.371	ng	99
86) Indeno(1,2,3-cd)pyrene	16.63	276	93381	3.241	ng	# 89
88) Benzo(b)fluoranthene	14.88	252	228034m	6.761	ng	
89) Benzo(k)fluoranthene	14.90	252	84020m	2.750	ng	
90) Benzo(a)pyrene	15.22	252	156305	5.240	ng	98
92) Benzo(a,h,i)perylene	17.04	276	82640	3.233	ng	98

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

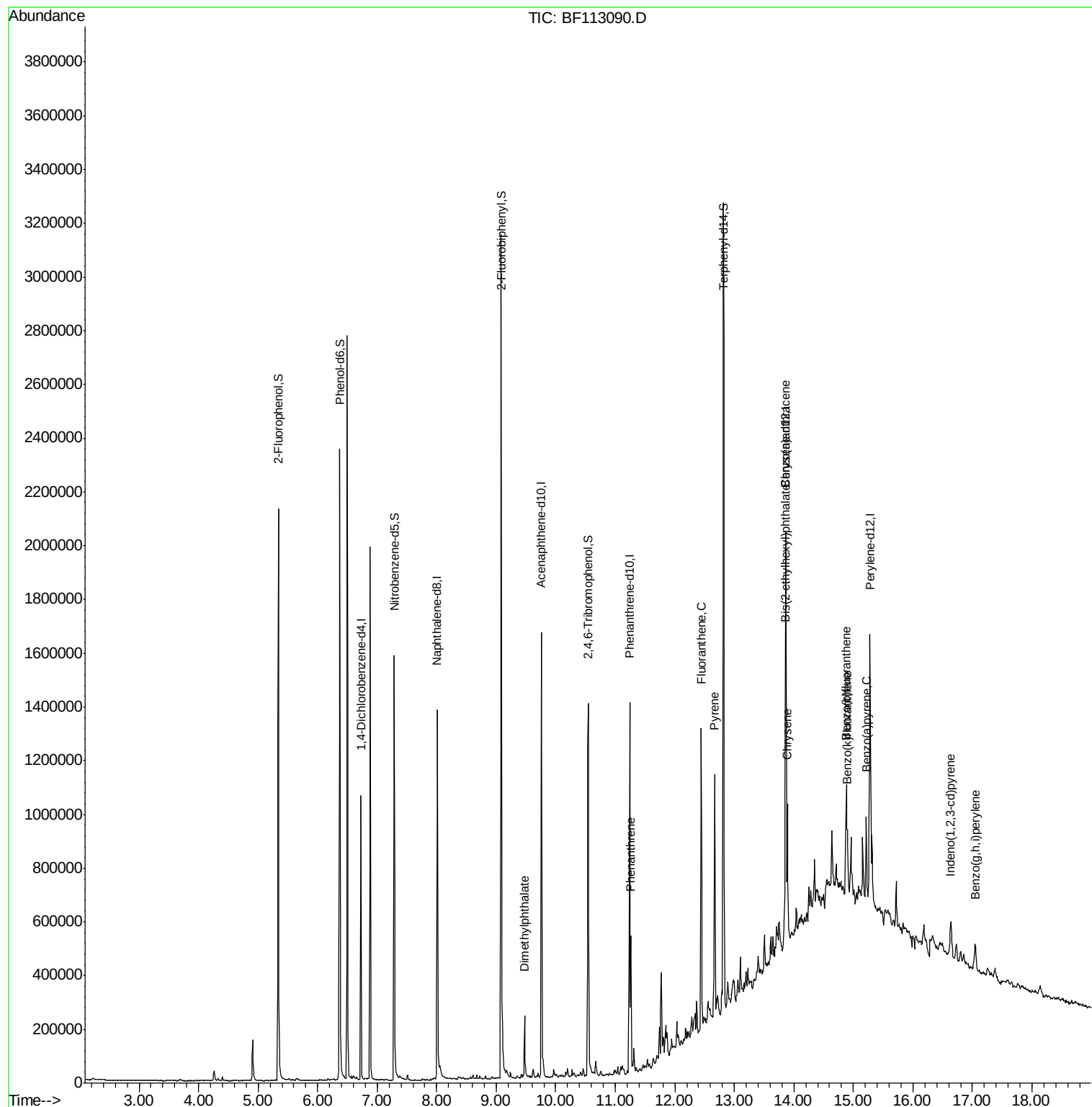
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
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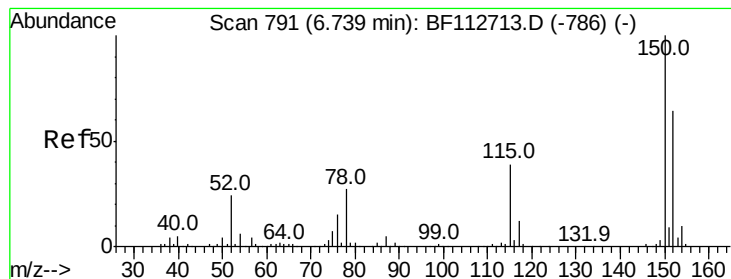
Instrument :
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SB-6(6.5-7.5)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
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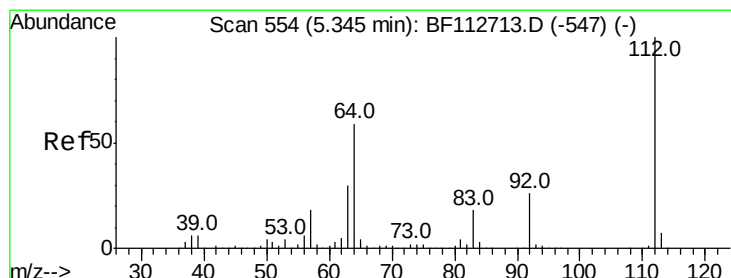
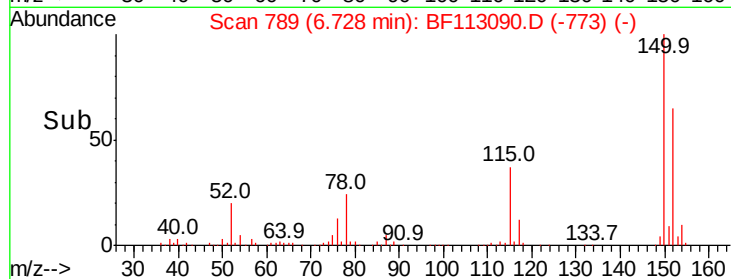
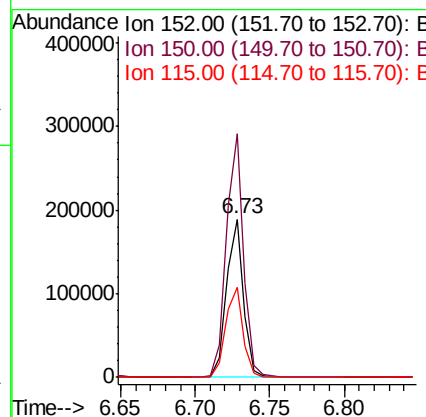
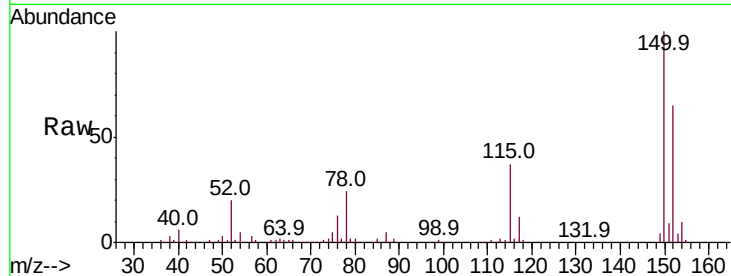
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF113090.D
 Acq: 18 Mar 2019 15:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(6.5-7.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.2	186.2
115	56.9	48.2	72.4

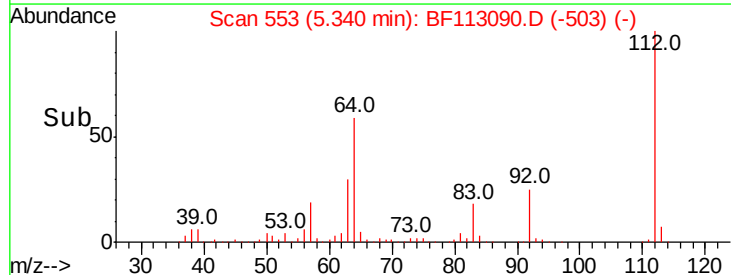
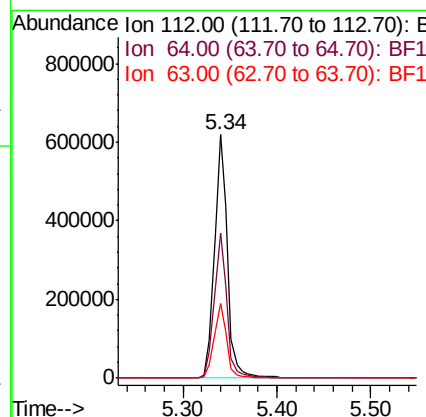
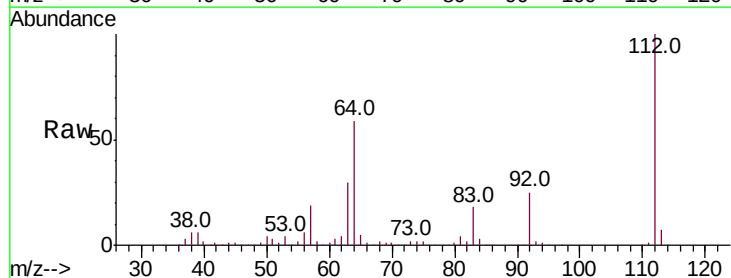
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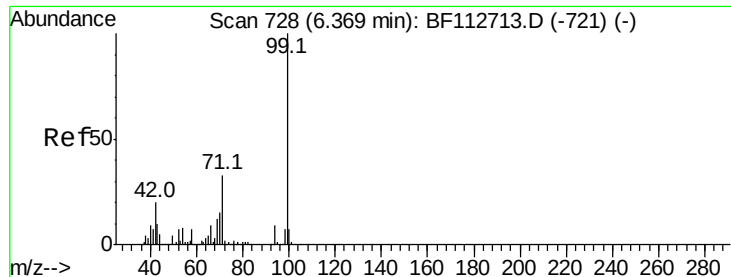
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#5
 2-Fluorophenol
 Concen: 62.682 ng
 RT: 5.34 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF113090.D
 Acq: 18 Mar 2019 15:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.6	71.4
63	30.4	24.4	36.6





#7

Phenol-d6

Concen: 75.802 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113090.D

Acq: 18 Mar 2019 15:10

Instrument :

BNA_F

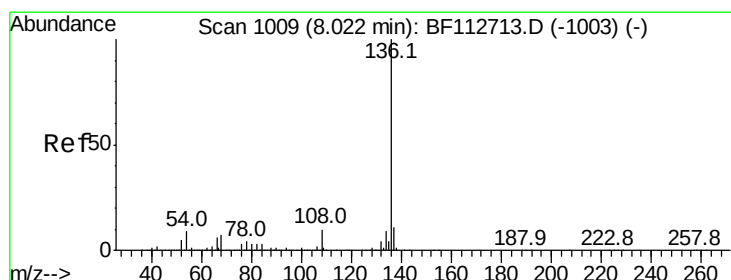
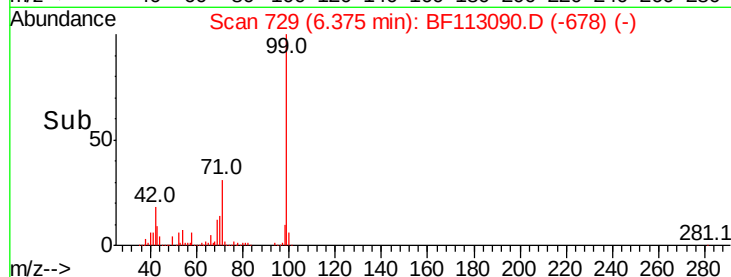
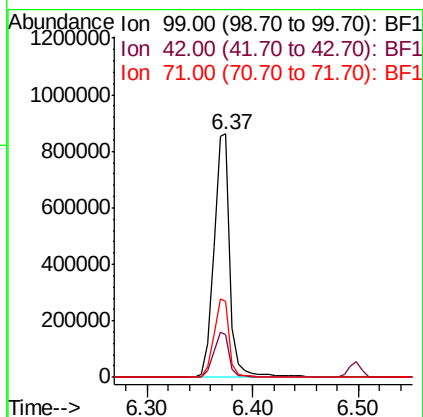
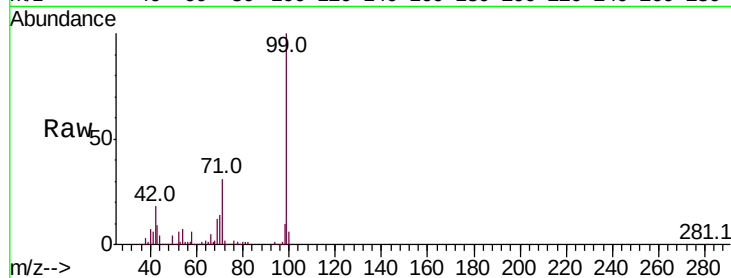
ClientSampleId :

SB-6(6.5-7.5)

Tot Ion:	99	Resp:	930856
Ion Ratio	Lower	Upper	
99	100		
42	17.5	16.3	24.5
71	30.9	26.2	39.4

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#21

Naphthalene-d8

Concen: 20.000 ng

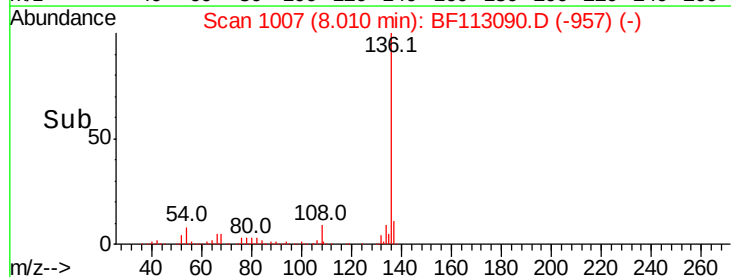
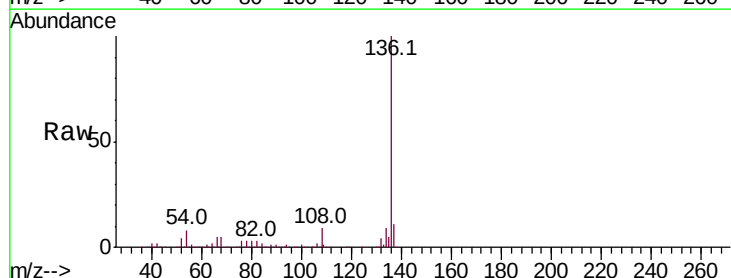
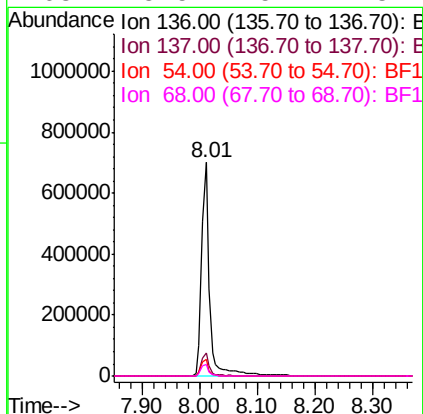
RT: 8.01 min Scan# 1007

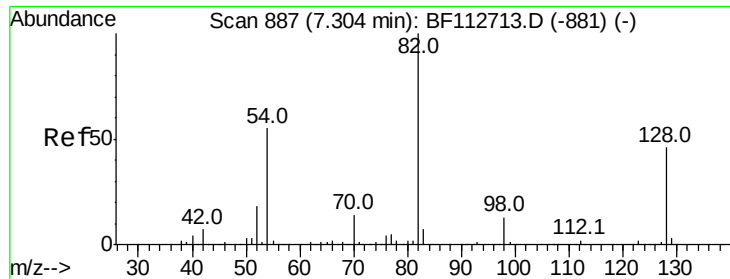
Delta R.T. -0.01 min

Lab File: BF113090.D

Acq: 18 Mar 2019 15:10

Tgt Ion:	136	Resp:	688688
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	7.9	7.3	10.9
68	5.5	5.4	8.2





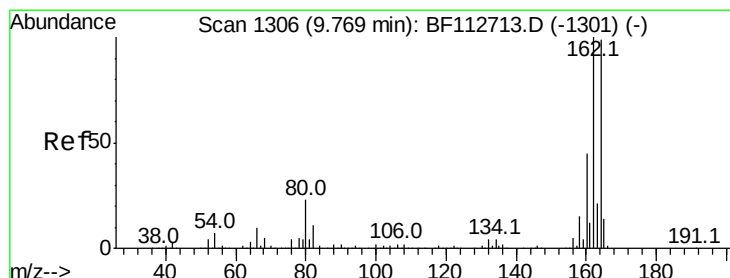
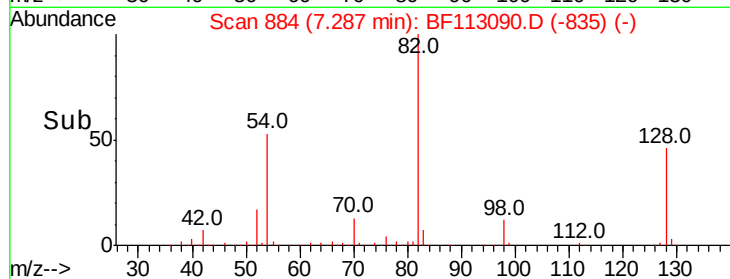
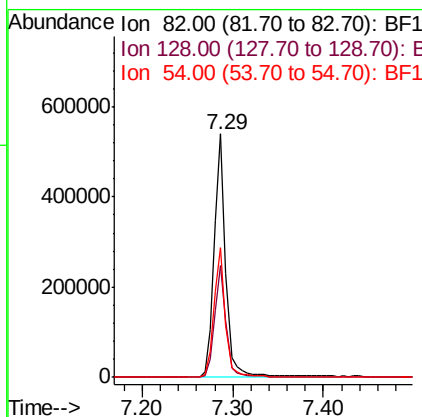
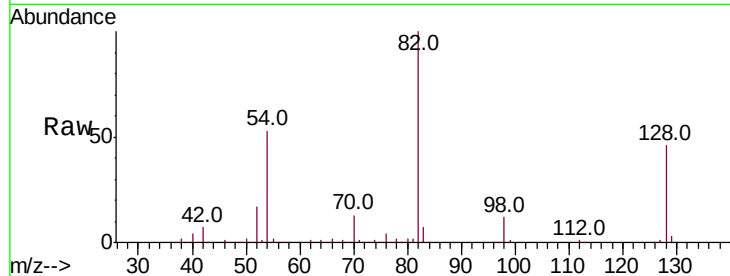
#23
 Nitrobenzene-d5
 Concen: 42.677 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113090.D
 Acq: 18 Mar 2019 15:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(6.5-7.5)

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.3	54.5
54	53.4	43.7	65.5

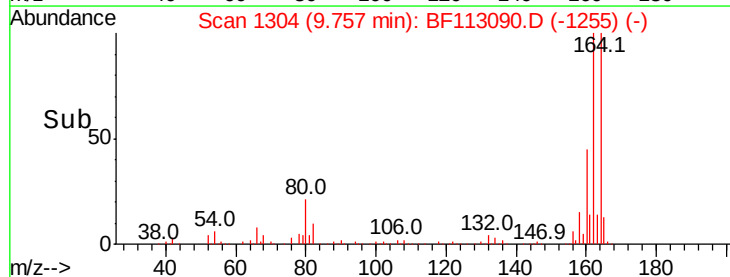
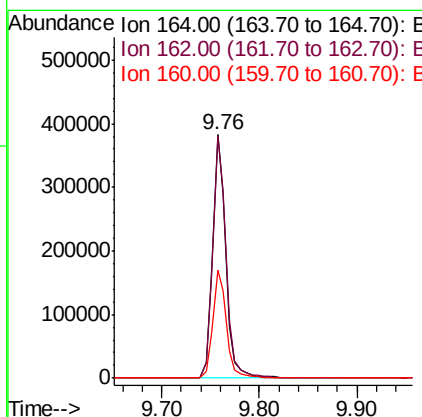
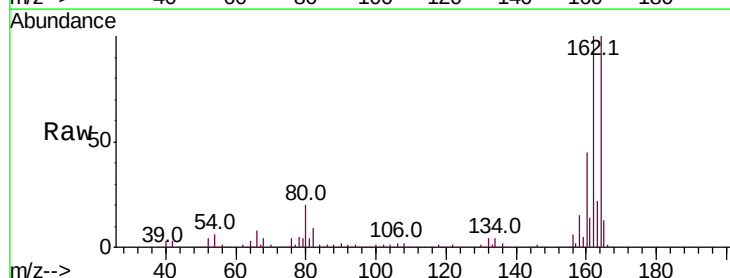
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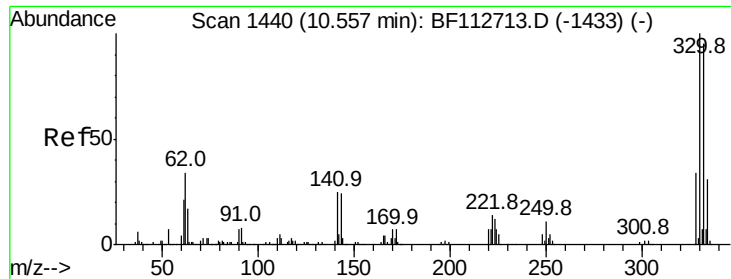
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF113090.D
 Acq: 18 Mar 2019 15:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.6	120.8
160	44.5	36.0	54.0





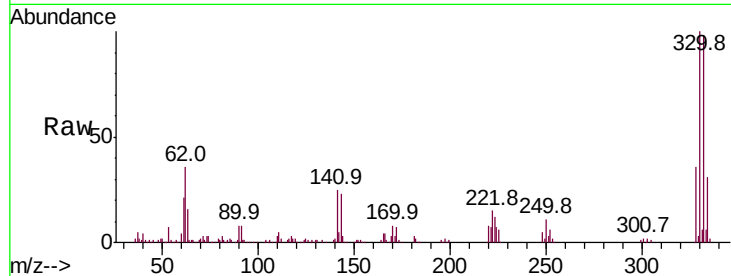
#42
 2,4,6-Tribromophenol
 Concen: 54.653 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113090.D
 Acq: 18 Mar 2019 15:10

Instrument :
 BNA_F
 ClientSampled :
 SB-6(6.5-7.5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.2	114.4
141	28.9	27.0	40.6

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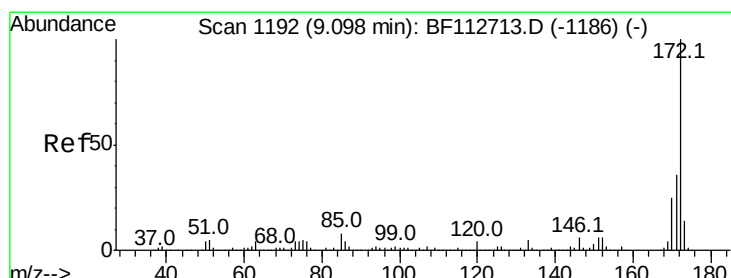
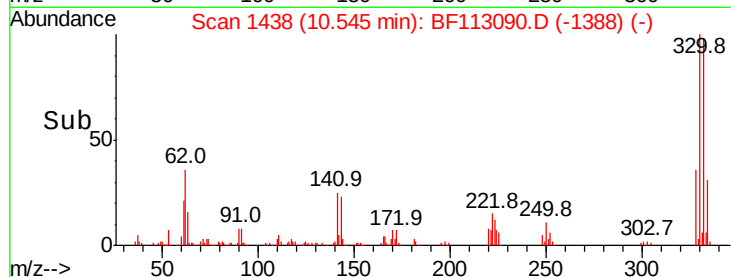
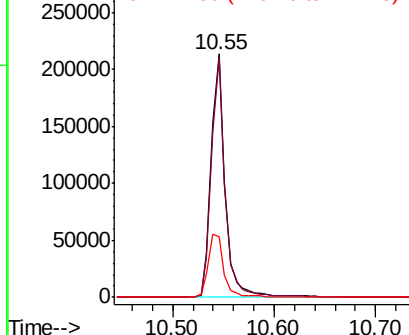


Abundance

Ion 329.80 (329.50 to 330.50): E

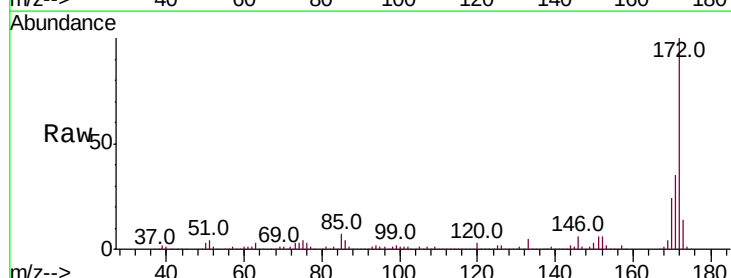
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 47.624 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113090.D
 Acq: 18 Mar 2019 15:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.4
170	24.1	20.0	30.0

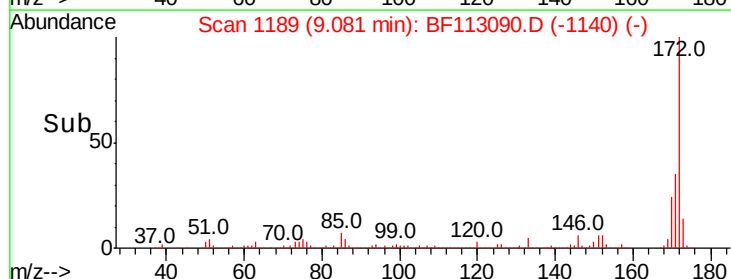
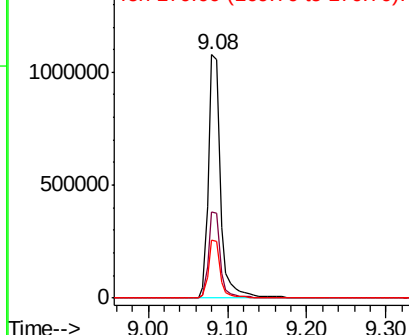


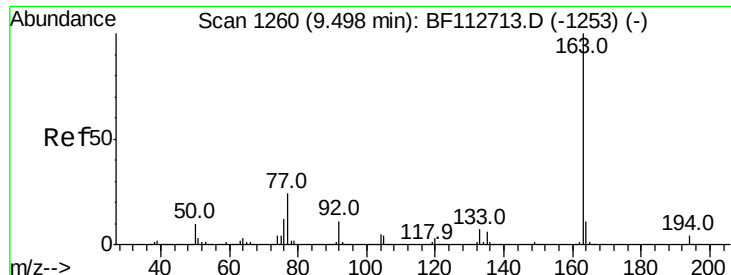
Abundance

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





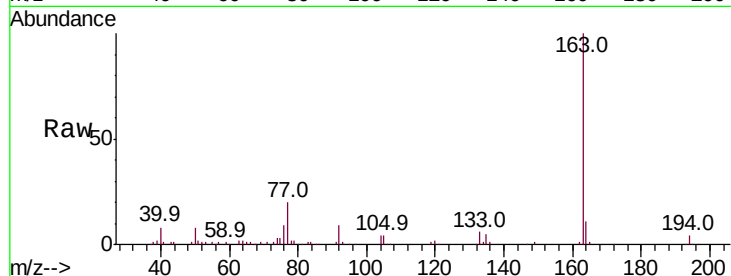
#50
Dimethylphthalate
Concen: 3.834 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Instrument :
BNA_F
ClientSampled :
SB-6(6.5-7.5)

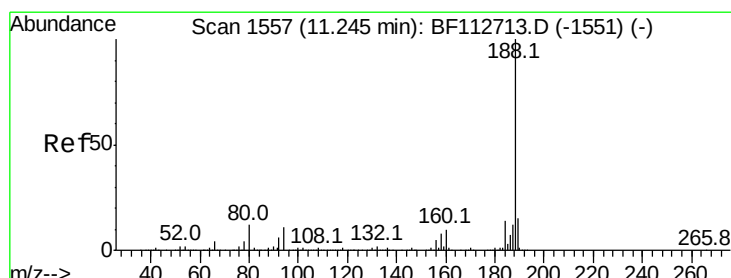
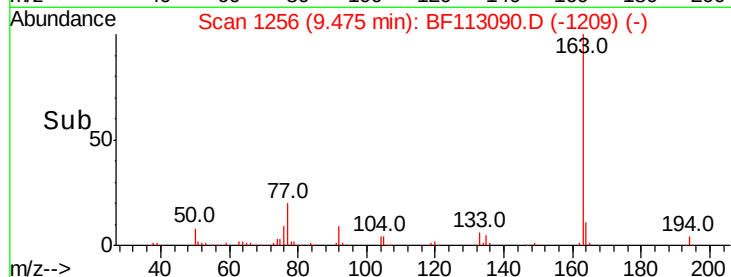
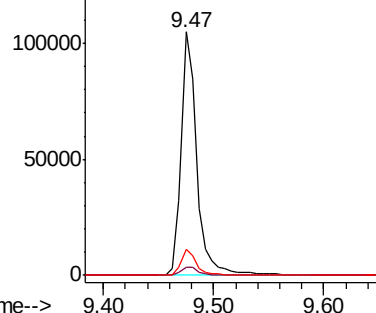
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.6	3.0	4.4
164	10.7	8.4	12.6

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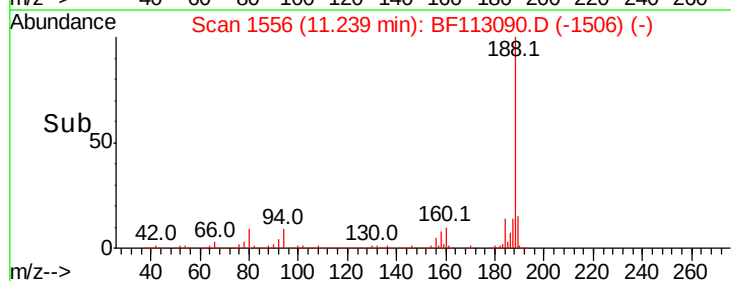
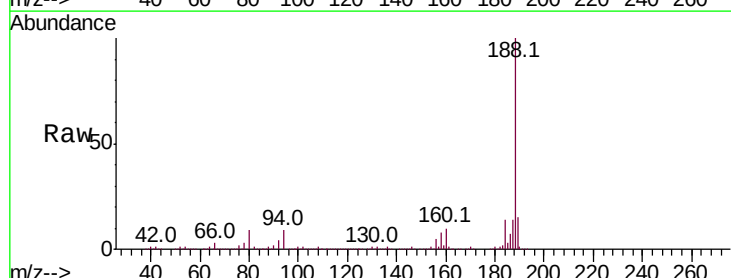
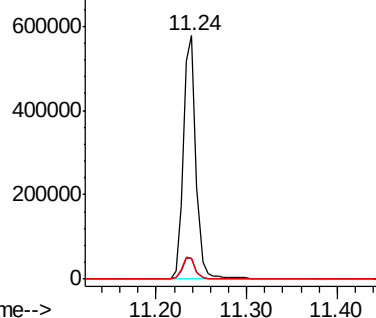
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Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

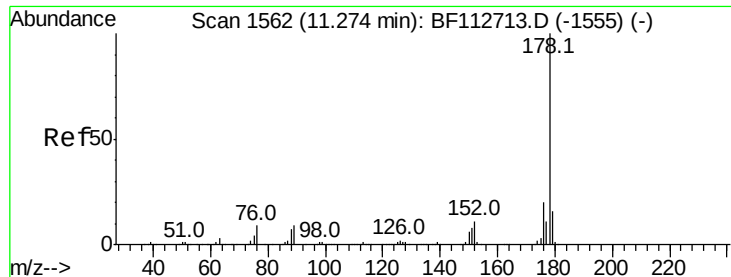


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	8.5	9.0	13.4#
80	8.6	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





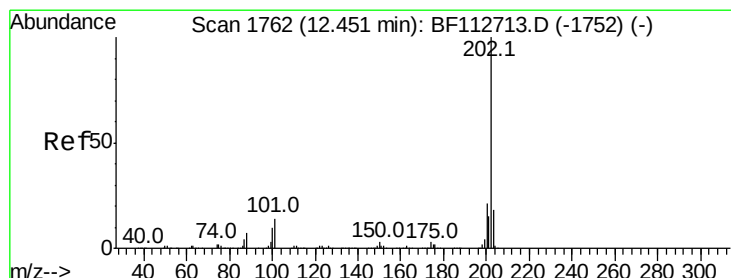
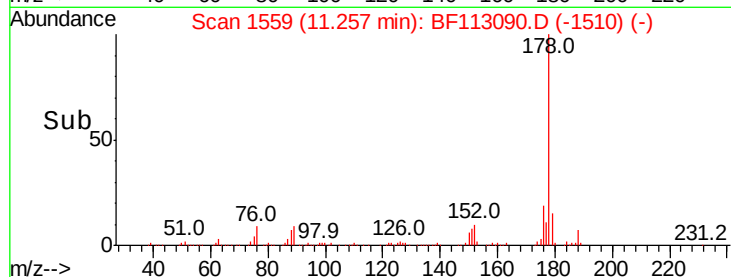
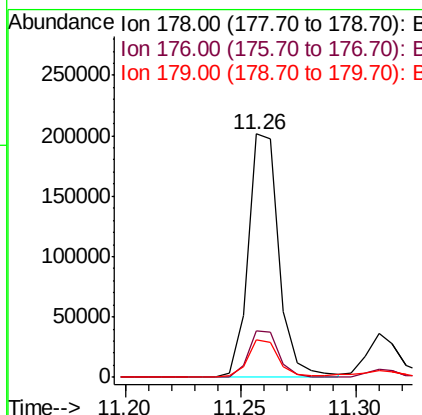
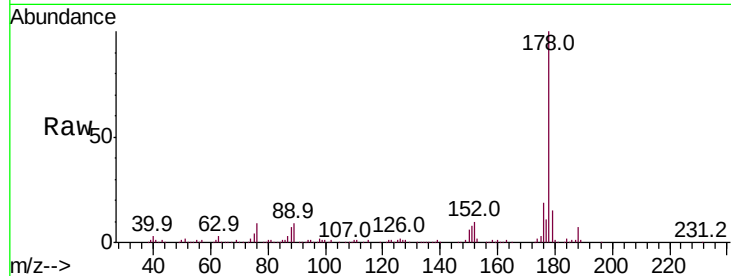
#71
Phenanthrene
Concen: 6.654 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Instrument :
BNA_F
ClientSampled :
SB-6(6.5-7.5)

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.3	24.5
179	15.2	12.7	19.1

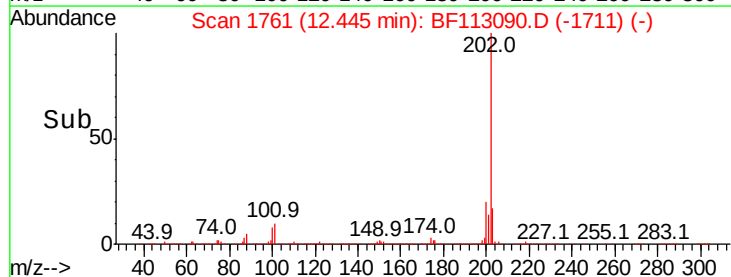
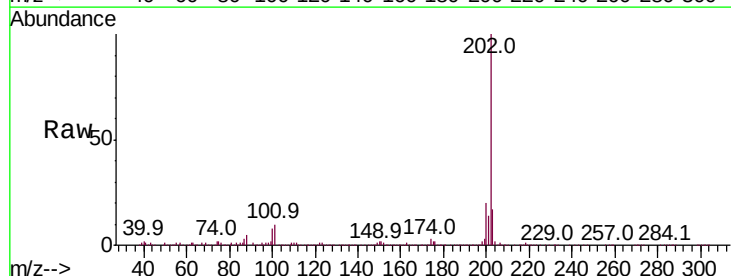
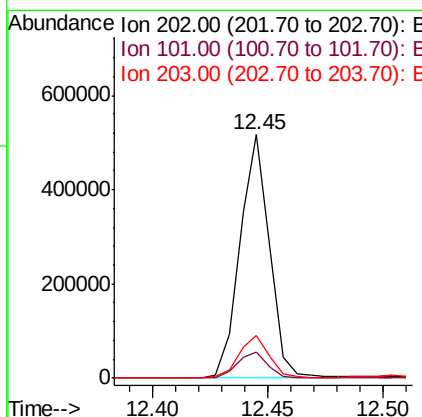
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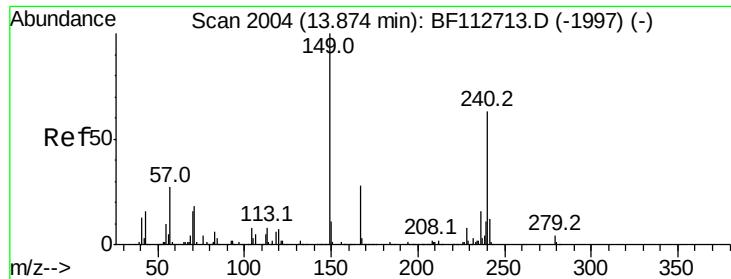
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#75
Fluoranthene
Concen: 15.175 ng
RT: 12.45 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	33.8
203	17.4	0.0	38.4





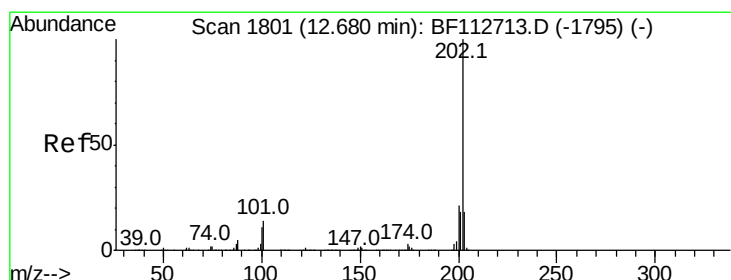
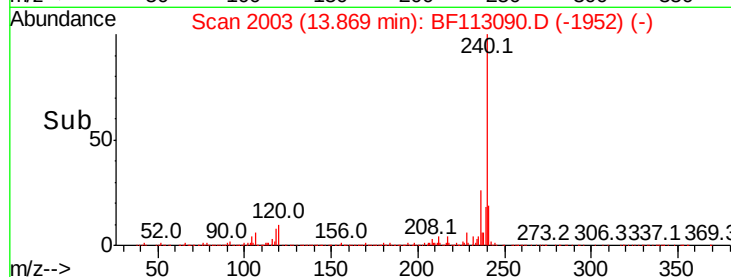
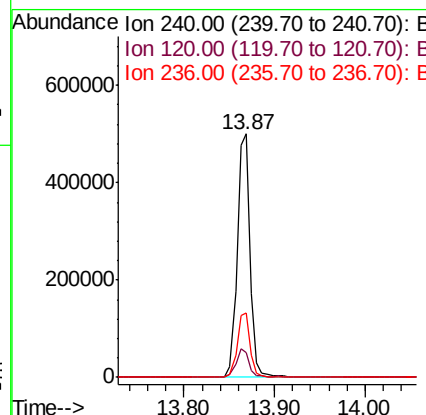
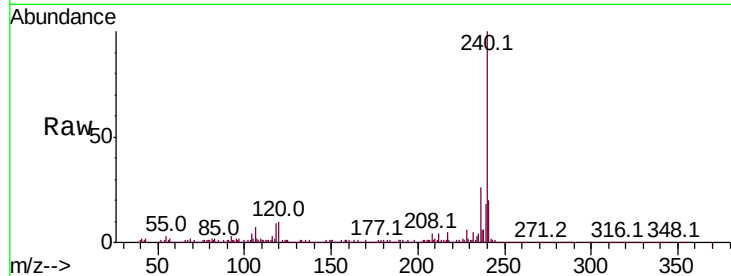
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SB-6(6.5-7.5)

Tot Ion	Ratio	Resp	Lower	Upper
240	100	497797		
120	9.9	8.9	13.3	
236	26.3	20.7	31.1	

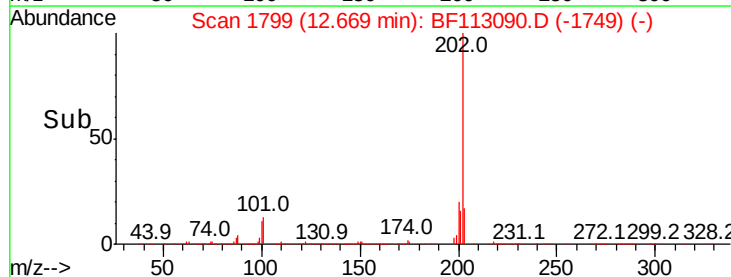
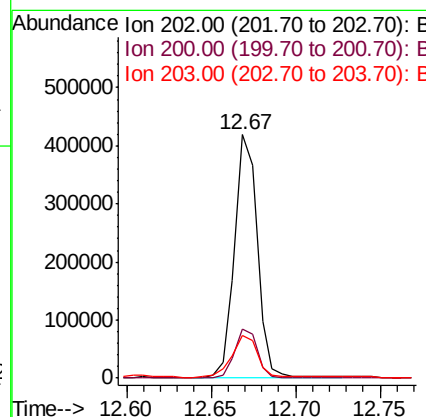
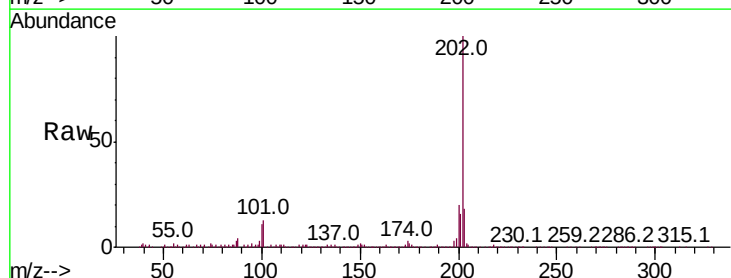
Manual Integrations
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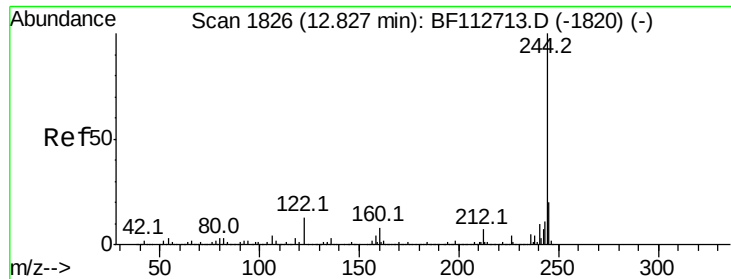
Sohil
3/19/2019 5:09:44 PM



#78
Pyrene
Concen: 9.308 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	390621		
200	19.9	17.0	25.4	
203	17.7	14.4	21.6	





#79

Terphenyl-d14

Concen: 42.664 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF113090.D

Acq: 18 Mar 2019 15:10

Instrument :

BNA_F

ClientSampleId :

SB-6(6.5-7.5)

Tot Ion:244 Resp: 1095579

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

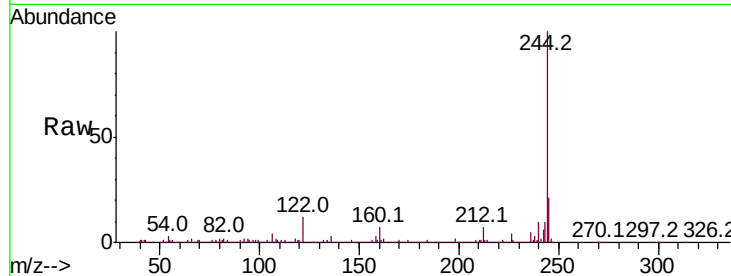
122 11.7 10.5 15.7

Manual Integrations

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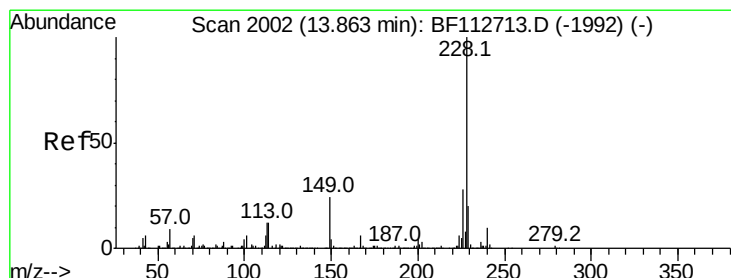
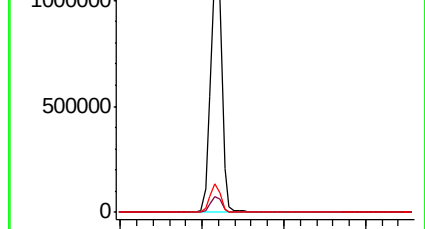
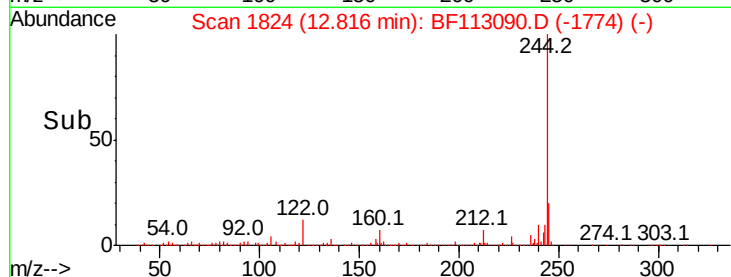
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 6.047 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF113090.D

Acq: 18 Mar 2019 15:10

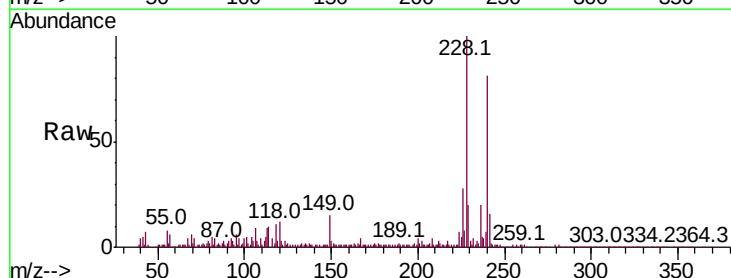
Tgt Ion:228 Resp: 208633

Ion Ratio Lower Upper

228 100

226 28.4 22.2 33.4

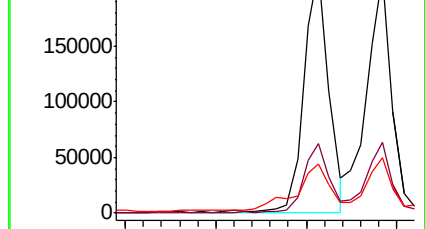
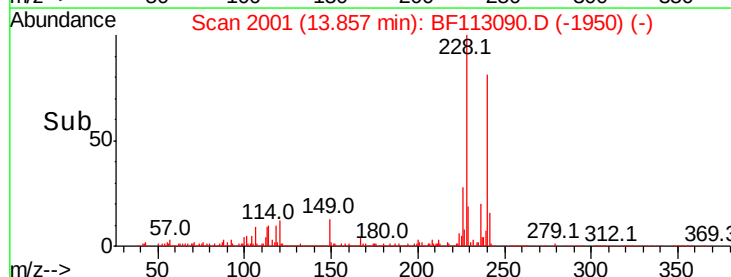
229 20.2 16.0 24.0

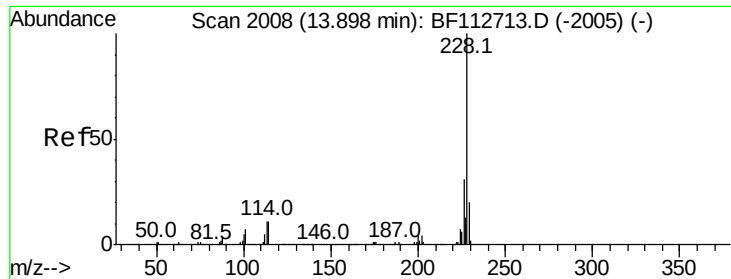


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





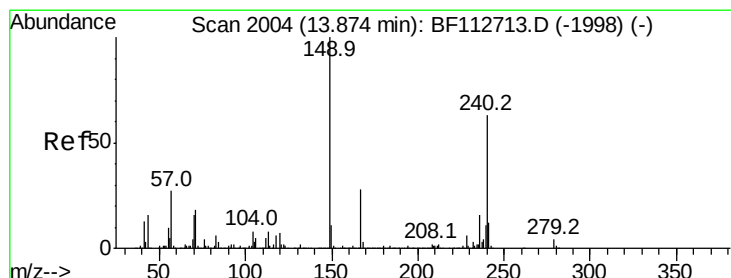
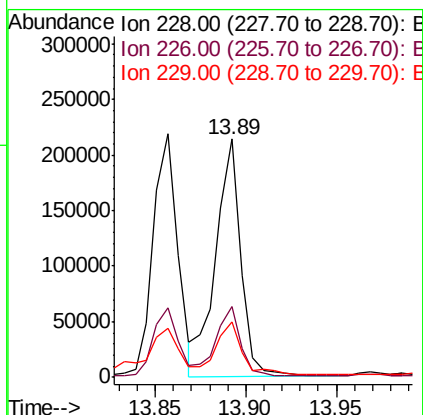
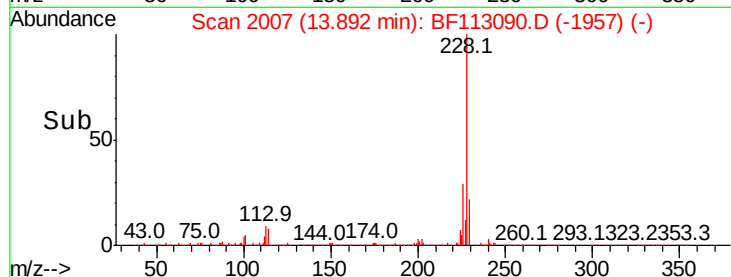
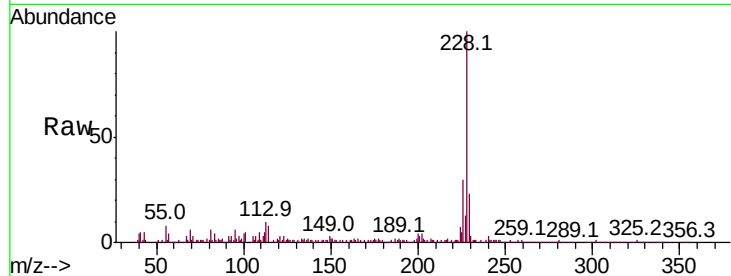
#83
 Chrysene
 Concen: 6.122 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF113090.D
 Acq: 18 Mar 2019 15:10

Instrument :
 BNA_F
 ClientSampled :
 SB-6(6.5-7.5)

Tot Ion:228	Resp:	206906
Ion Ratio	Lower	Upper
228 100		
226 29.6	24.9	37.3
229 23.1	16.3	24.5

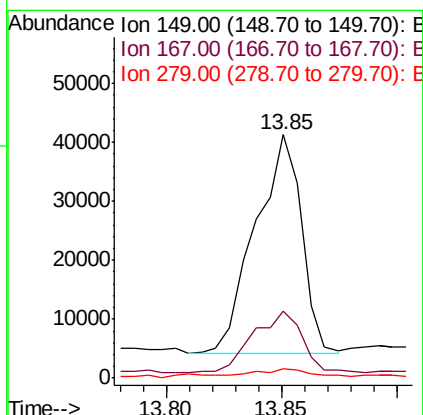
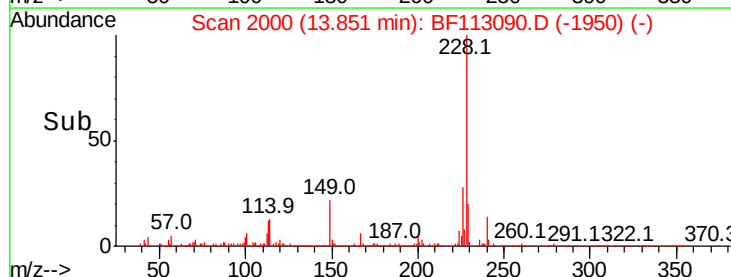
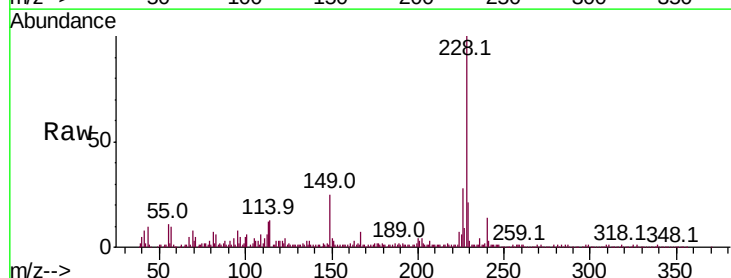
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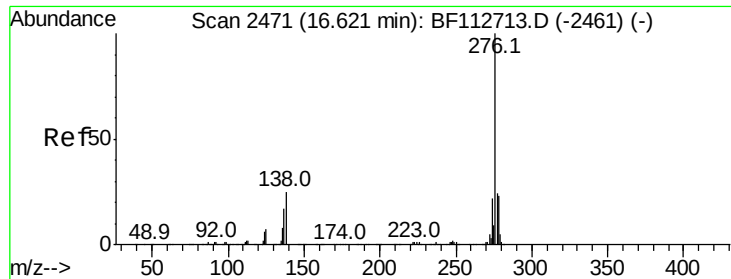
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.371 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF113090.D
 Acq: 18 Mar 2019 15:10

Tgt Ion:149	Resp:	51518
Ion Ratio	Lower	Upper
149 100		
167 27.7	22.4	33.6
279 3.8	3.3	4.9





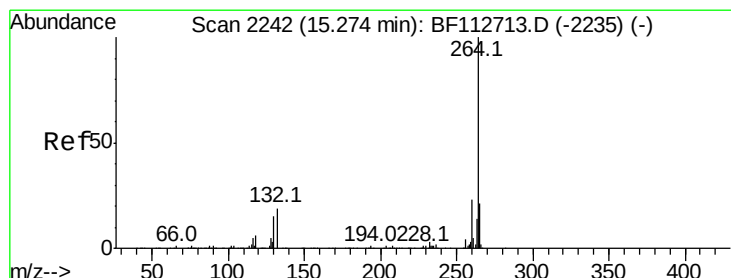
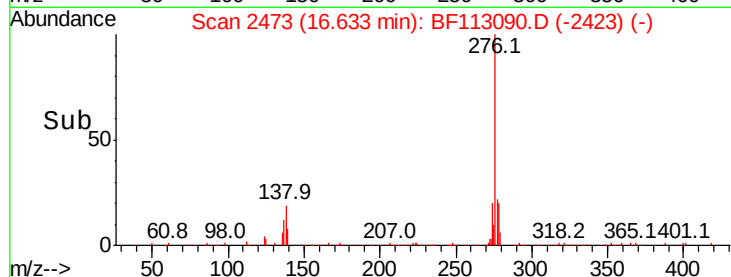
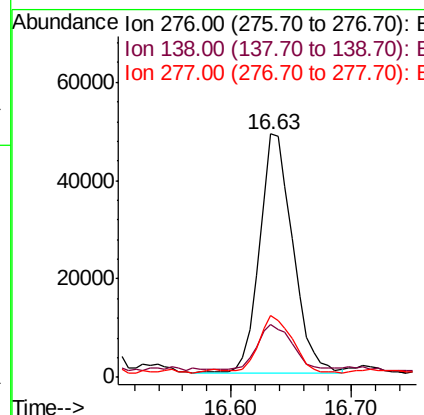
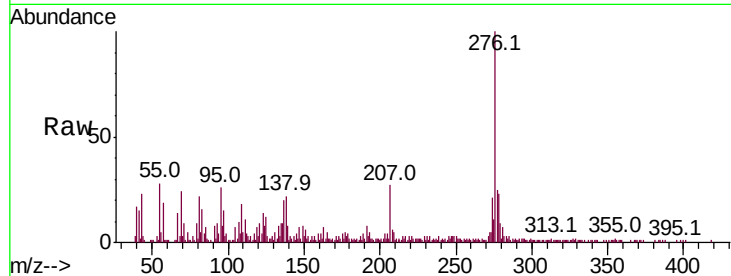
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.241 ng
RT: 16.63 min Scan# 2473
Delta R.T. -0.01 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SB-6(6.5-7.5)

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.1	23.2	34.8#
277	23.7	19.9	29.9

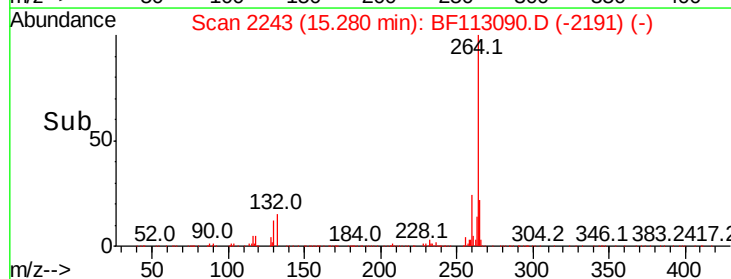
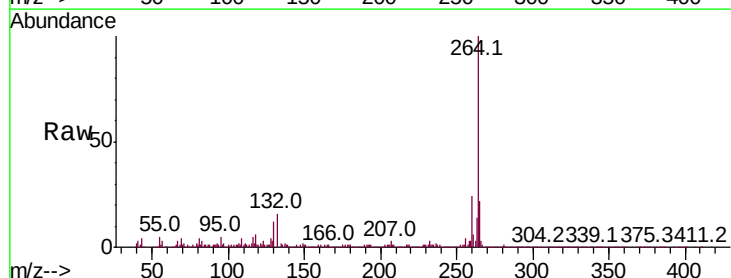
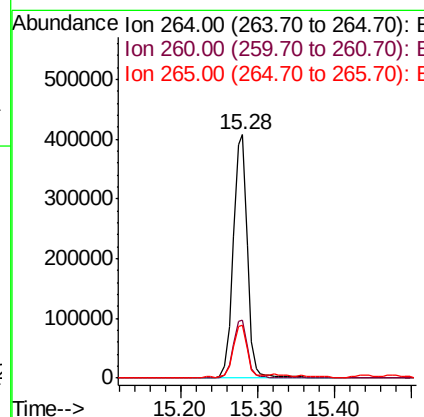
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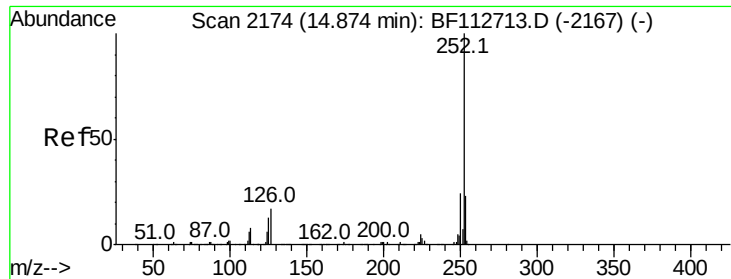
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.9	17.2	25.8





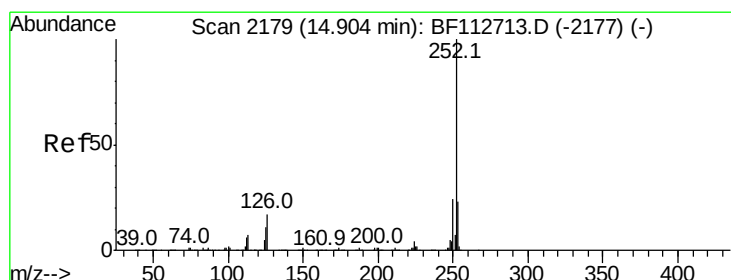
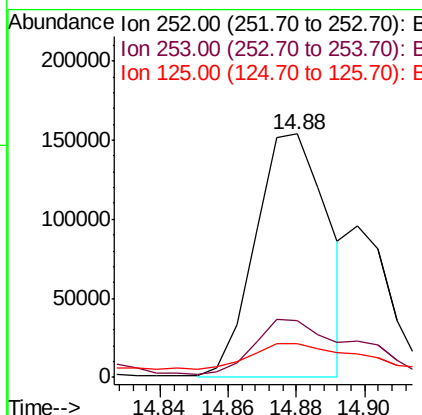
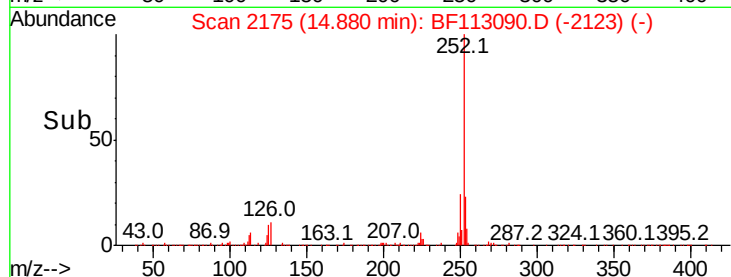
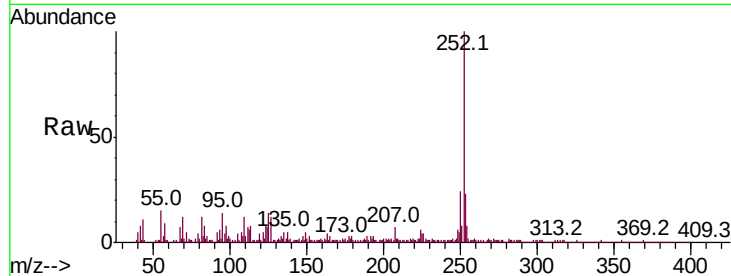
#88
Benzo(b)fluoranthene
Concen: 6.761 ng m
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SB-6(6.5-7.5)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	14.1	10.2	15.2

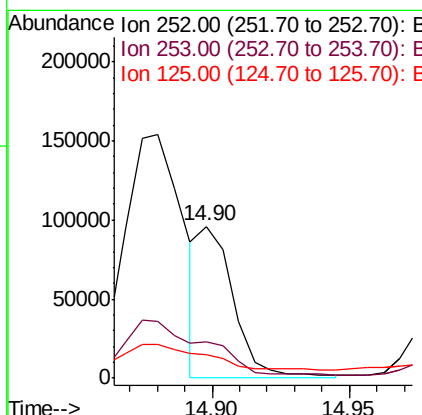
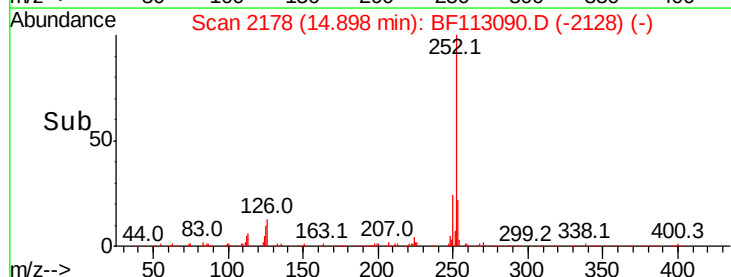
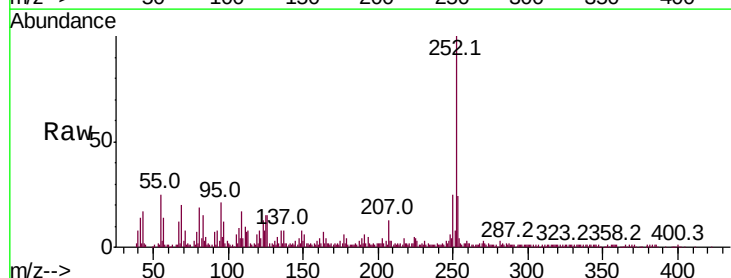
Manual Integrations
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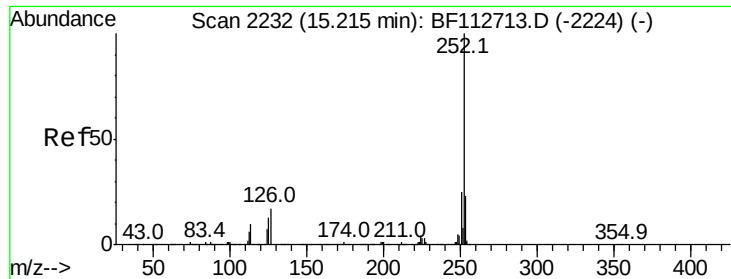
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#89
Benzo(k)fluoranthene
Concen: 2.750 ng m
RT: 14.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	15.1	9.8	14.6#





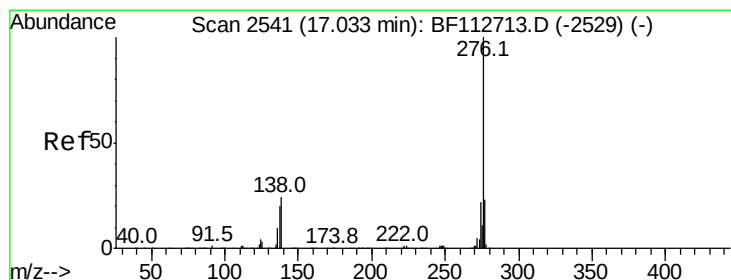
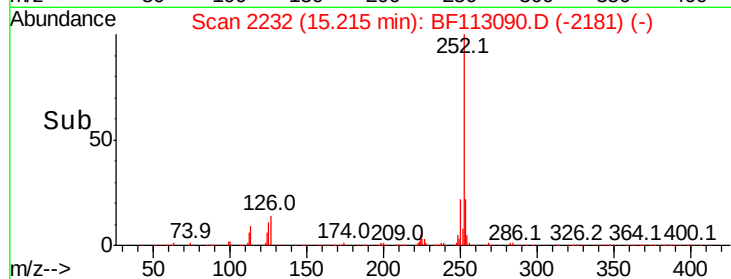
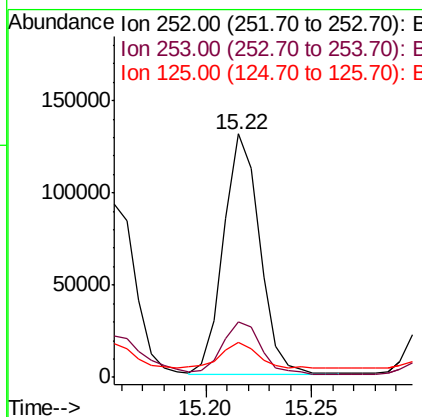
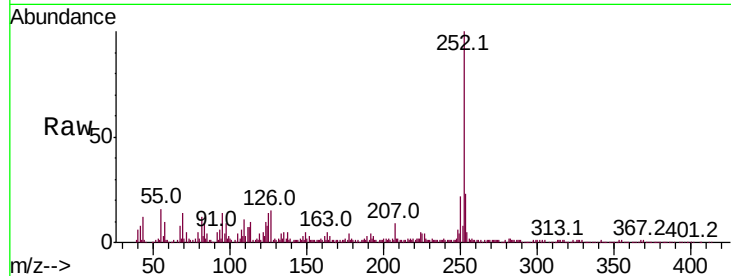
#90
Benzo(a)pyrene
Concen: 5.240 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SB-6(6.5-7.5)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	14.5	10.7	16.1

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.233 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.00 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	27.8
138	23.1	19.4	29.0

