

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
 Data File : BF113598.D
 Acq On : 4 Apr 2019 22:32
 Operator : JU/SJ
 Sample : K2221-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S2B(2-10)COMP

Manual Integrations
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Sohil
 4/6/2019 12:38:52 AM

Quant Time: Apr 05 05:25:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	145563	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	553097	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	280168	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	569315	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	425353	20.00	ng	-0.03
87) Perylene-d12	15.22	264	384311	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	805161	94.32	ng	0.00
7) Phenol-d6	6.33	99	1066915	101.41	ng	-0.01
23) Nitrobenzene-d5	7.25	82	647369	68.56	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	332117	98.68	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1259739	72.39	ng	-0.02
79) Terphenyl-d14	12.77	244	1500666	71.83	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.43	163	154677	7.490	ng	Qvalue 100
71) Phenanthrene	11.21	178	115473	4.082	ng	97
75) Fluoranthene	12.40	202	703111	23.194	ng	98
78) Pyrene	12.62	202	605812	18.718	ng	99
81) Benzo(a)anthracene	13.80	228	260422	10.614	ng	99
83) Chrysene	13.84	228	330559	13.290	ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	48317	3.033	ng	99
86) Indeno(1,2,3-cd)pyrene	16.56	276	81398	3.544	ng	98
88) Benzo(b)fluoranthene	14.82	252	259066m	11.013	ng	
89) Benzo(k)fluoranthene	14.84	252	81222m	3.847	ng	
90) Benzo(a)pyrene	15.16	252	110034	5.264	ng	98
92) Benzo(g,h,i)perylene	16.97	276	77603	3.889	ng	98

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

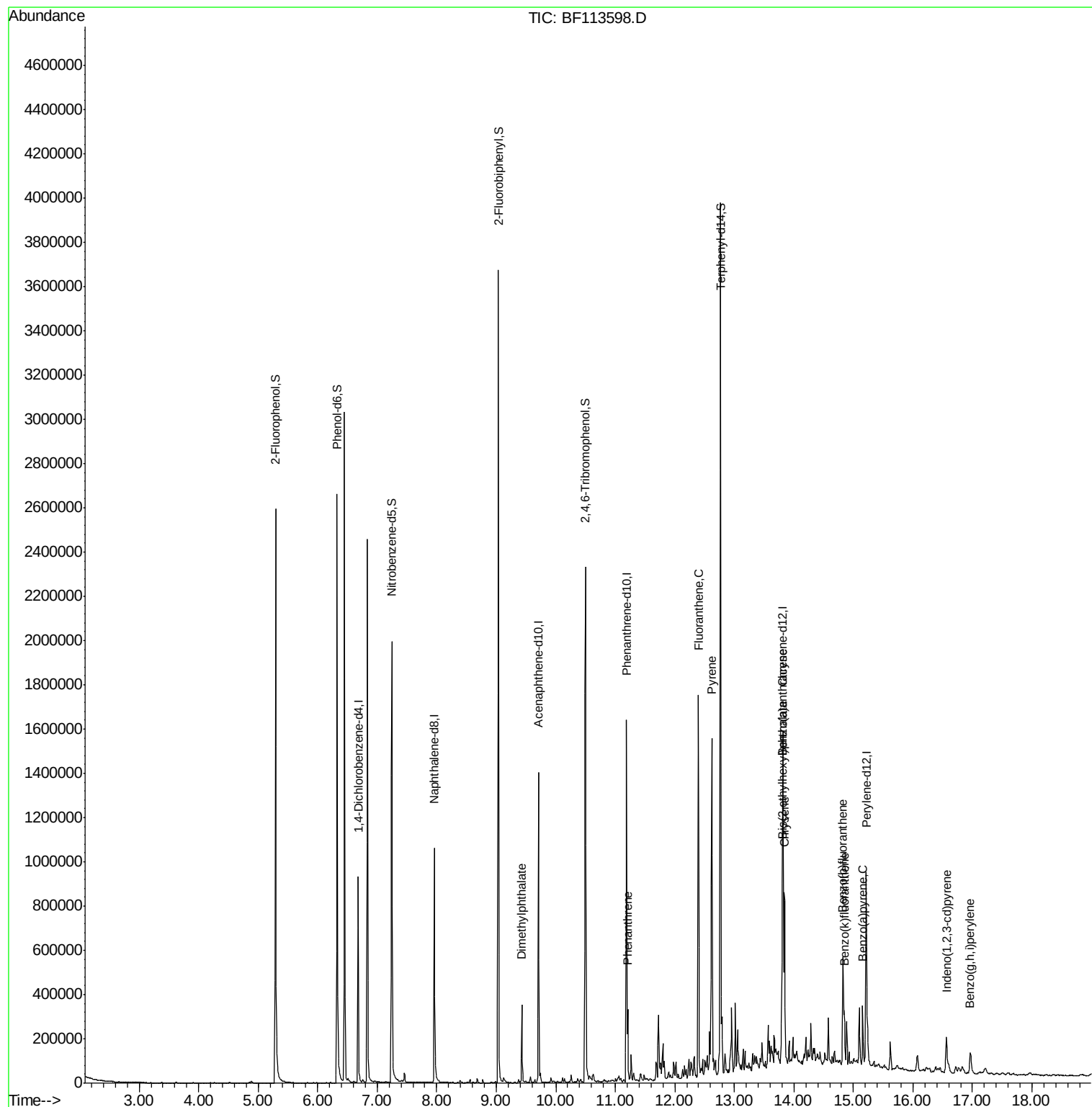
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113598.D
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Operator : JU/SJ
Sample : K2221-03
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ALS Vial : 12 Sample Multiplier: 1

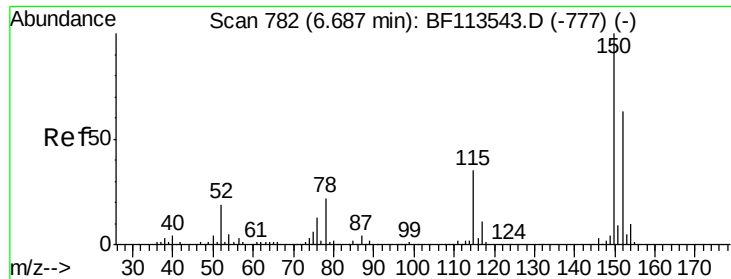
Instrument :
BNA_F
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S2B(2-10)COMP

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#1

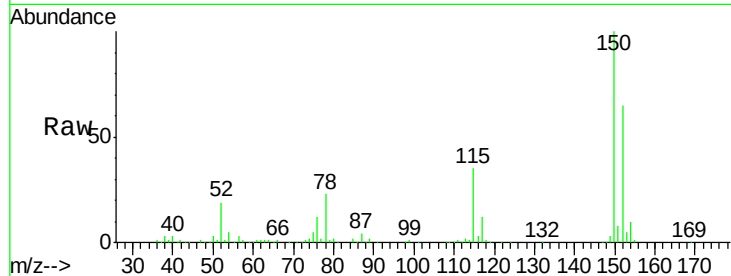
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113598.D
Acq: 4 Apr 2019 22:32

Instrument :
BNA_F
ClientSampleId :
S2B(2-10)COMP

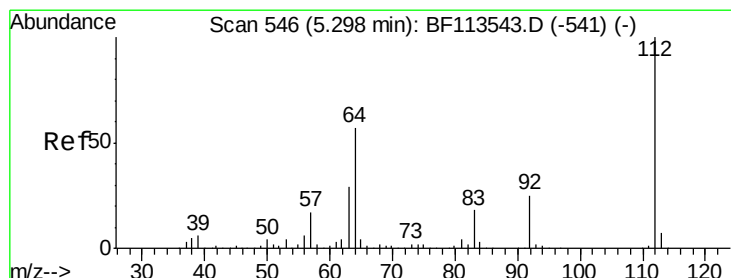
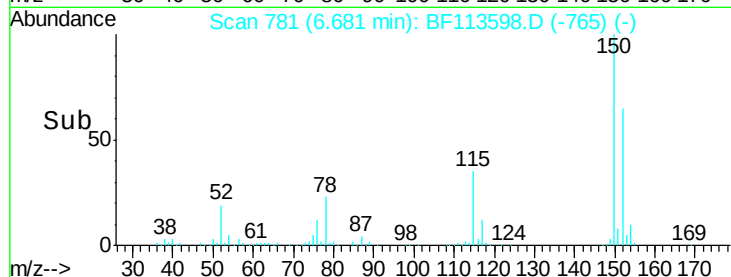
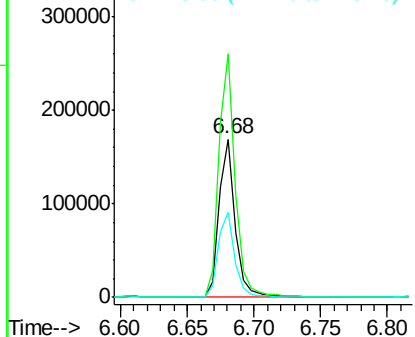
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.7	187.1
115	53.7	46.0	69.0

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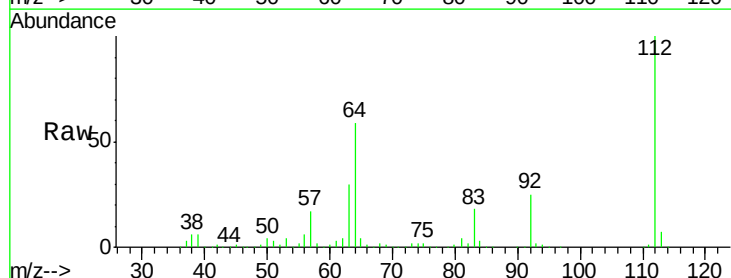
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



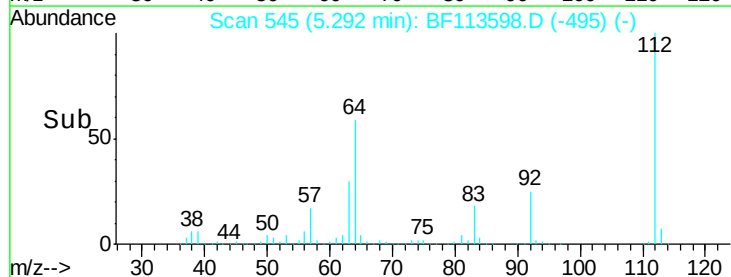
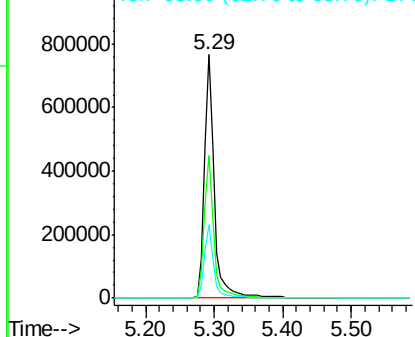
#5

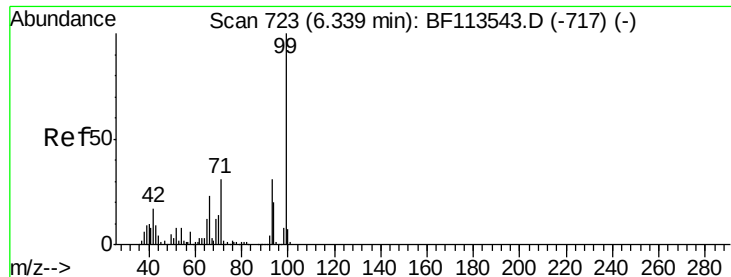
2-Fluorophenol
Concen: 94.322 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF113598.D
Acq: 4 Apr 2019 22:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	49.2	73.8
63	30.0	24.9	37.3



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: 101.408 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113598.D

Acq: 4 Apr 2019 22:32

Instrument :

BNA_F

ClientSampleId :

S2B(2-10)COMP

Tgt Ion: 99 Resp: 1066915

Ion Ratio Lower Upper

99 100

42 18.5 14.8 22.2

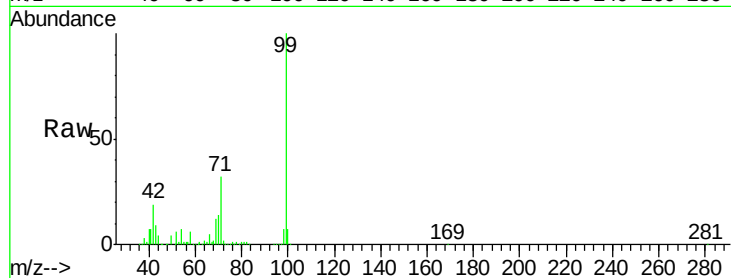
71 32.0 24.9 37.3

Manual Integrations

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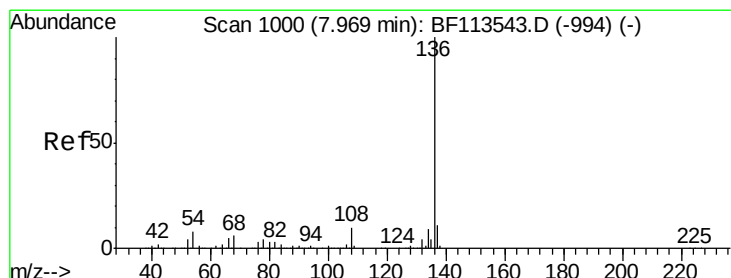
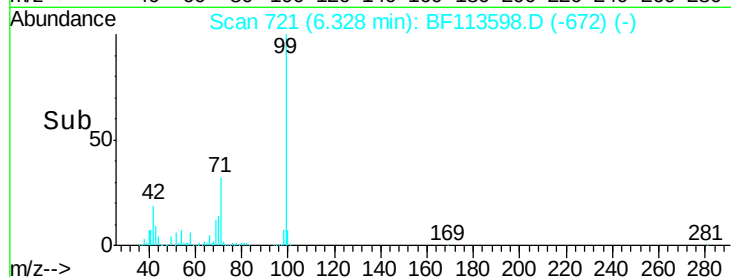
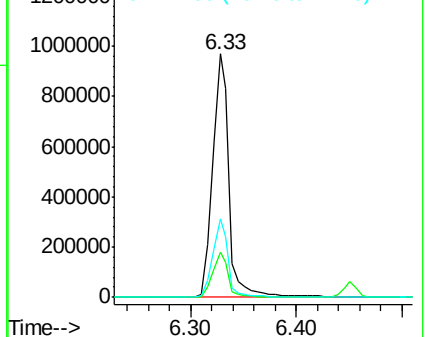
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113598.D

Acq: 4 Apr 2019 22:32

Tgt Ion: 136 Resp: 553097

Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.2 7.0 10.6

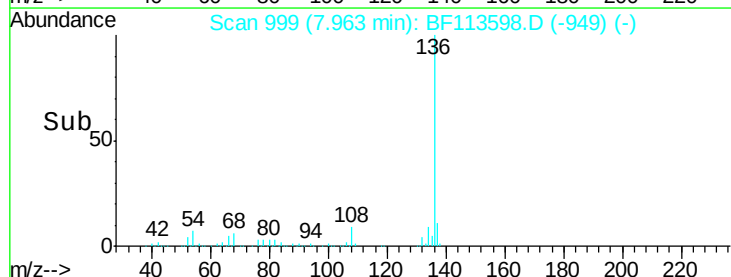
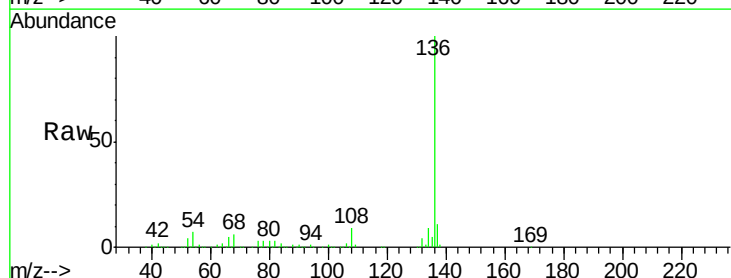
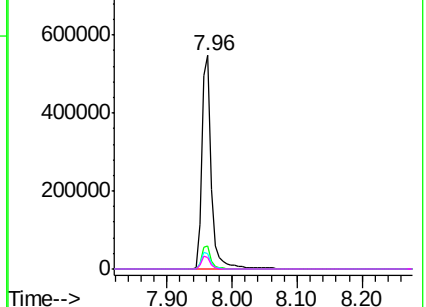
68 5.5 4.8 7.2

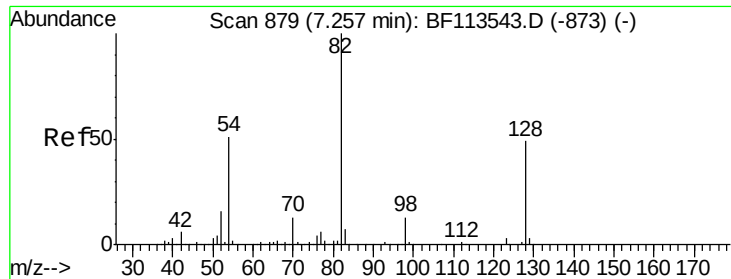
Abundance Ion 136.00 (135.70 to 136.70): E

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





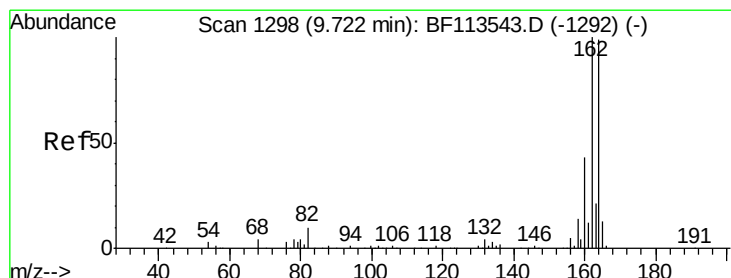
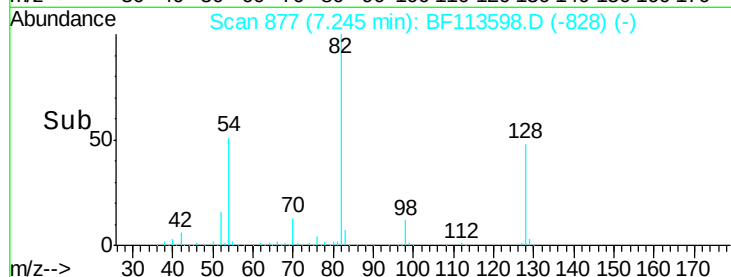
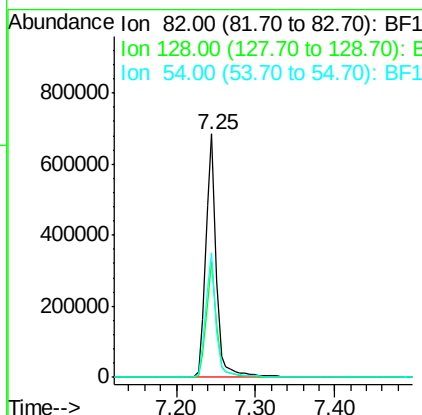
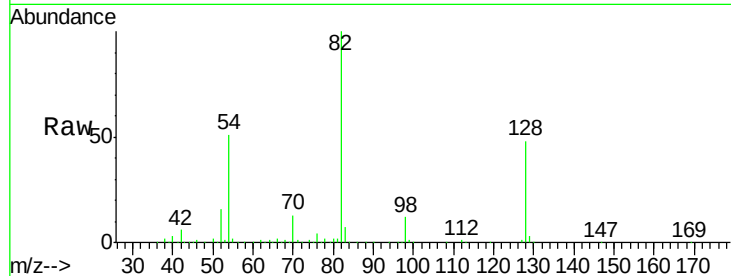
#23
 Nitrobenzene-d5
 Concen: 68.559 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF113598.D
 Acq: 4 Apr 2019 22:32

Instrument :
 BNA_F
 ClientSampleId :
 S2B(2-10)COMP

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.5	54.7
54	51.4	42.2	63.2

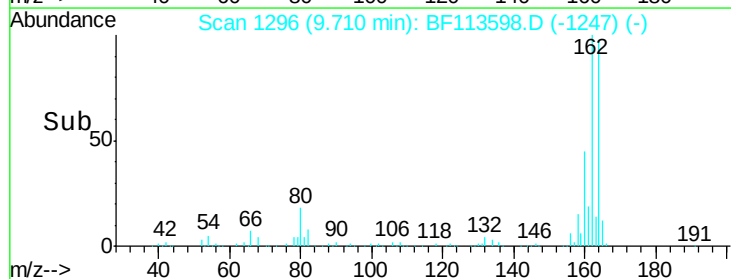
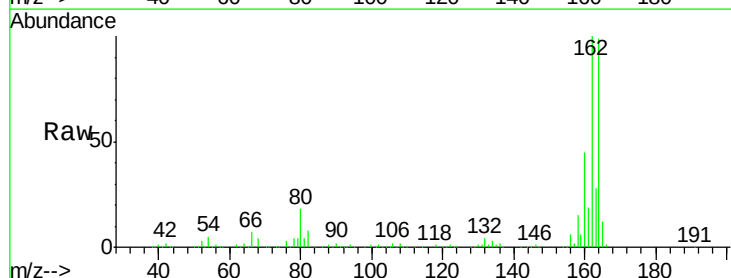
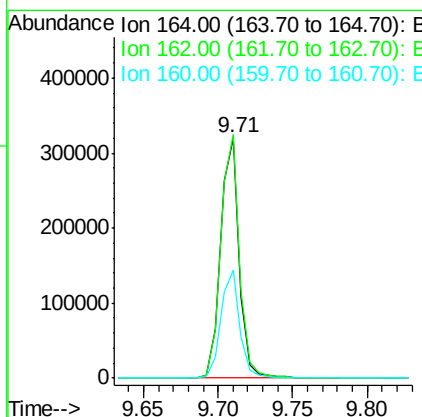
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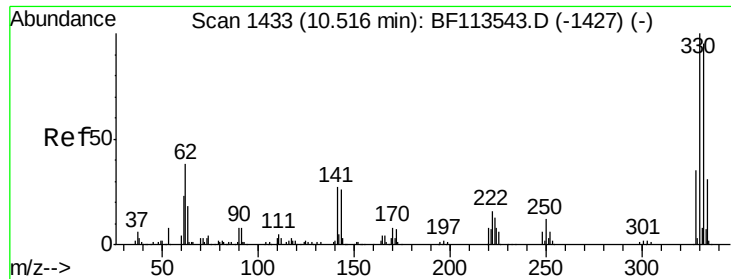
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF113598.D
 Acq: 4 Apr 2019 22:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.8	122.6
160	45.2	36.4	54.6





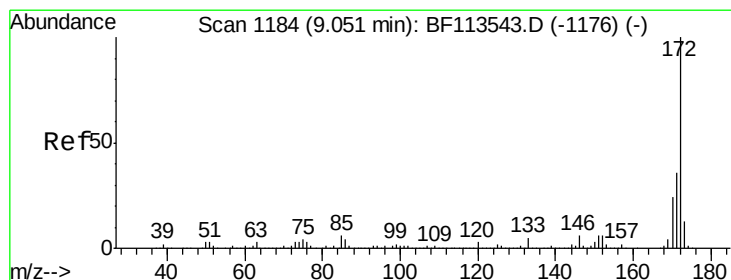
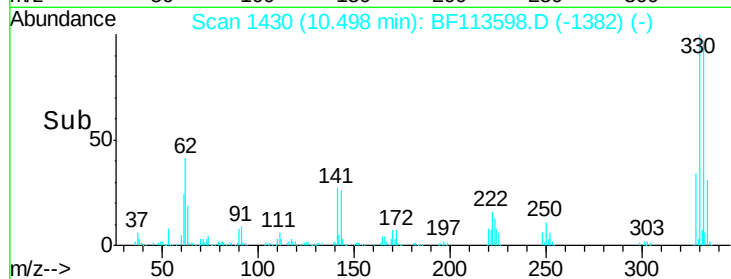
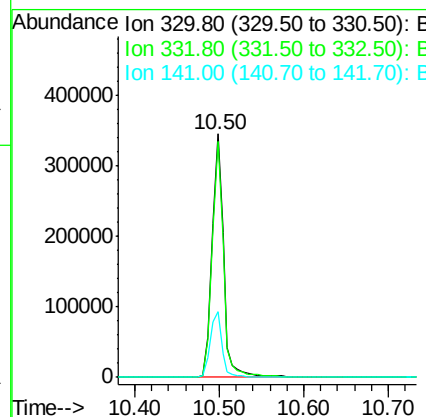
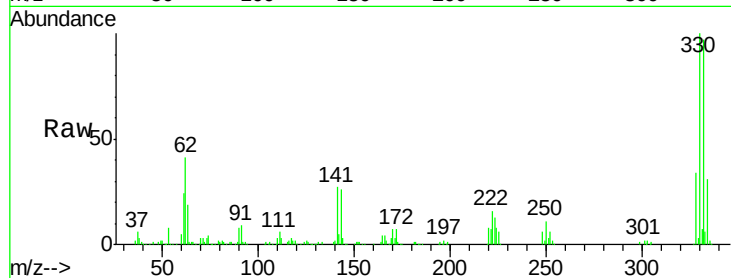
#42
 2,4,6-Tribromophenol
 Concen: 98.683 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113598.D
 Acq: 4 Apr 2019 22:32

Instrument :
 BNA_F
 ClientSampleId :
 S2B(2-10)COMP

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	332117		
332	95.7	77.8	116.6	
141	27.8	22.7	34.1	

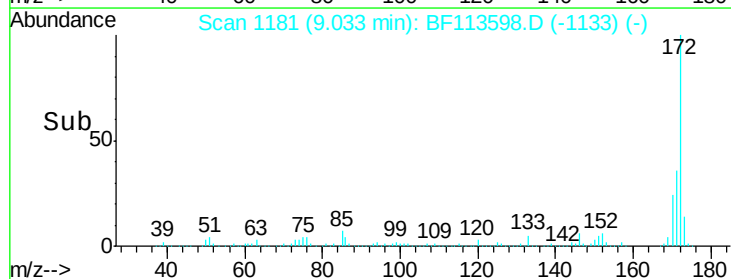
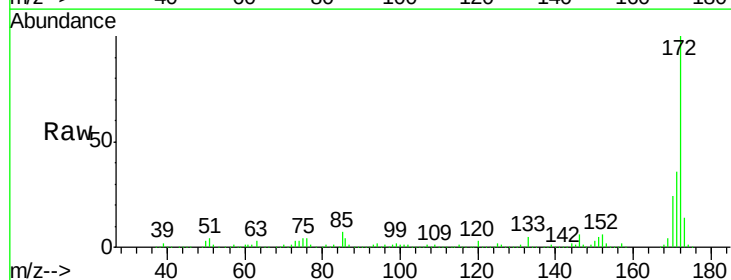
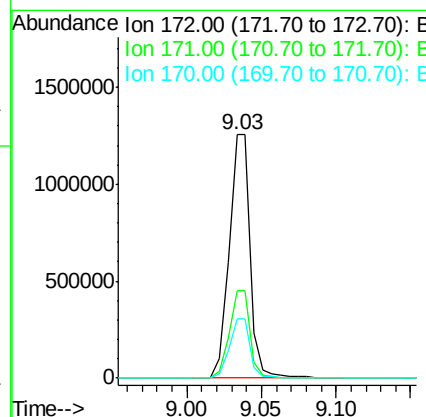
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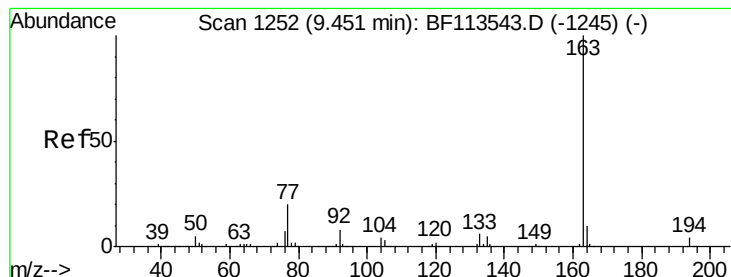
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#45
 2-Fluorobiphenyl
 Concen: 72.387 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113598.D
 Acq: 4 Apr 2019 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1259739		
171	36.0	29.0	43.6	
170	24.4	19.5	29.3	





#50

Dimethylphthalate

Concen: 7.490 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.02 min

Lab File: BF113598.D

Acq: 4 Apr 2019 22:32

Instrument :

BNA_F

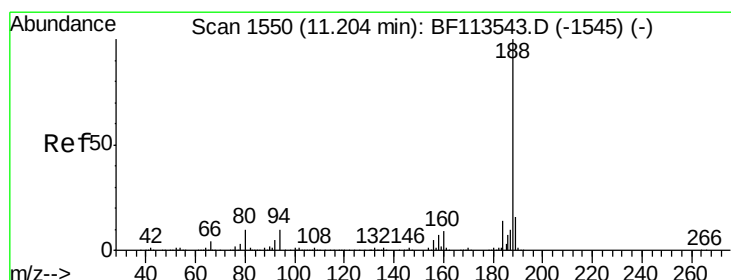
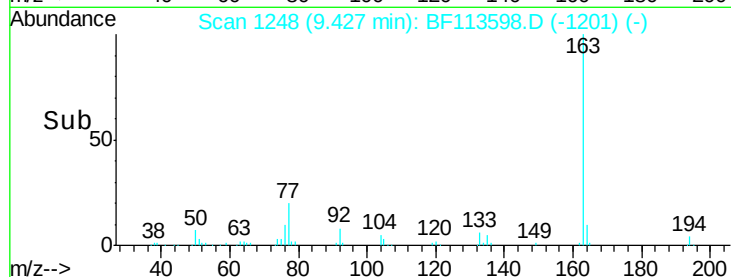
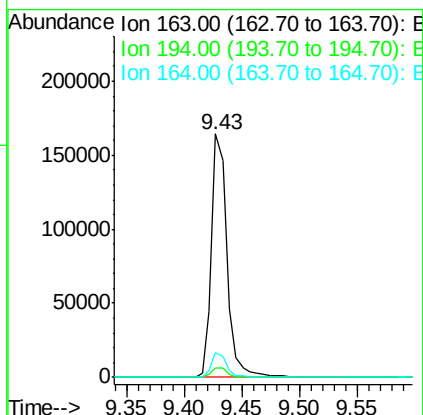
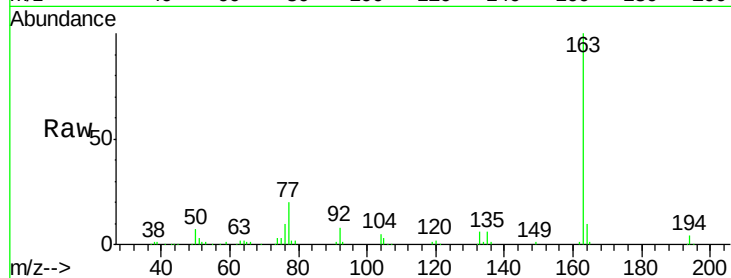
ClientSampleId :

S2B(2-10)COMP

Tgt Ion:	163	Resp:	154677
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.0	4.6
164	10.3	8.1	12.1

Manual Integrations
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#64

Phenanthrene-d10

Concen: 20.000 ng

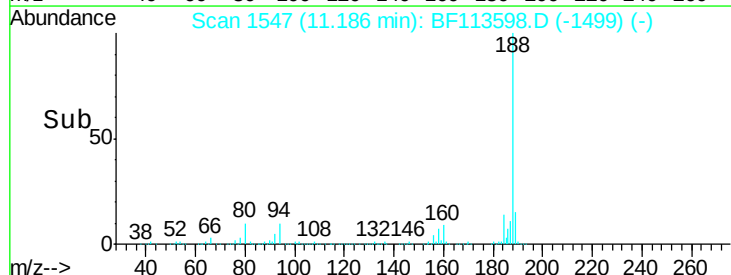
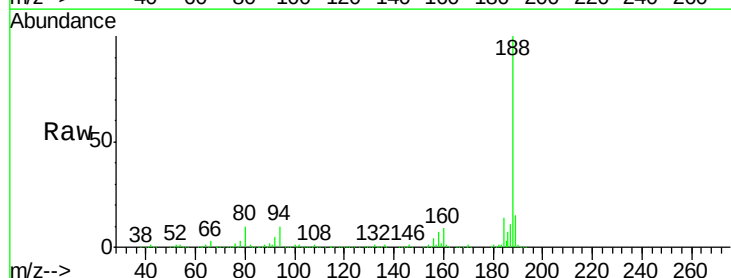
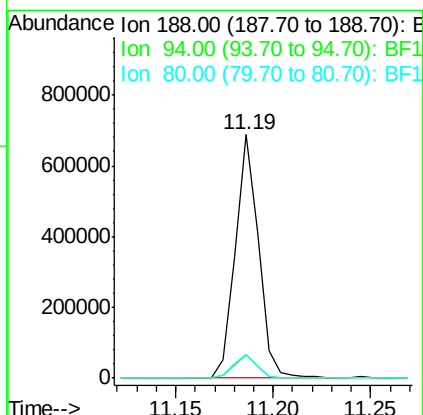
RT: 11.19 min Scan# 1547

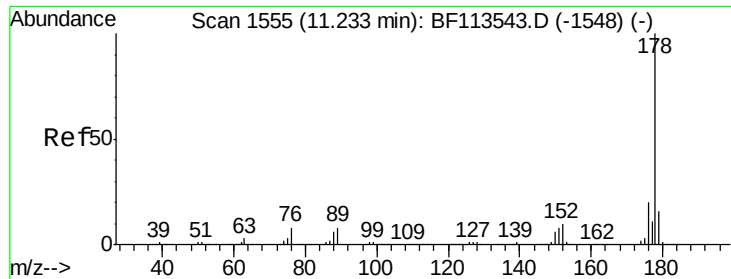
Delta R.T. -0.02 min

Lab File: BF113598.D

Acq: 4 Apr 2019 22:32

Tgt Ion:	188	Resp:	569315
Ion Ratio	Lower	Upper	
188	100		
94	9.5	7.0	10.6
80	9.7	7.7	11.5





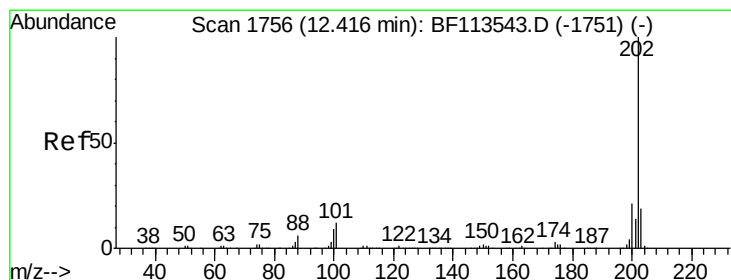
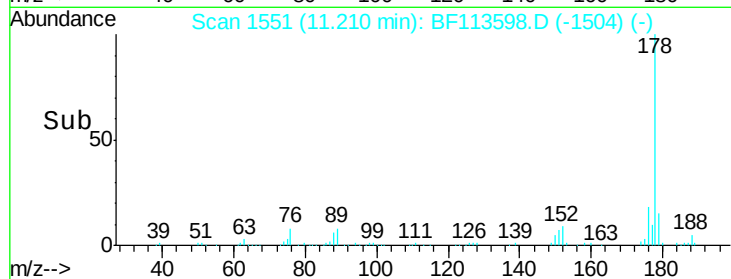
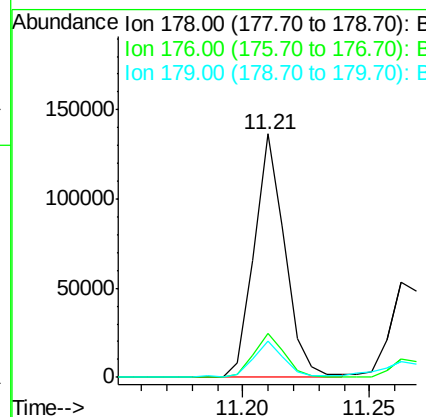
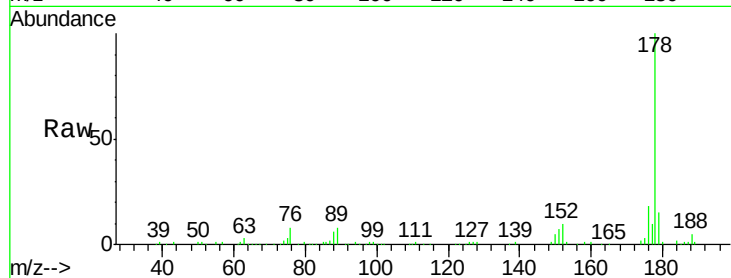
#71
Phenanthrene
Concen: 4.082 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BF113598.D
Acq: 4 Apr 2019 22:32

Instrument :
BNA_F
ClientSampleId :
S2B(2-10)COMP

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	16.2	24.2
179	15.0	12.7	19.1

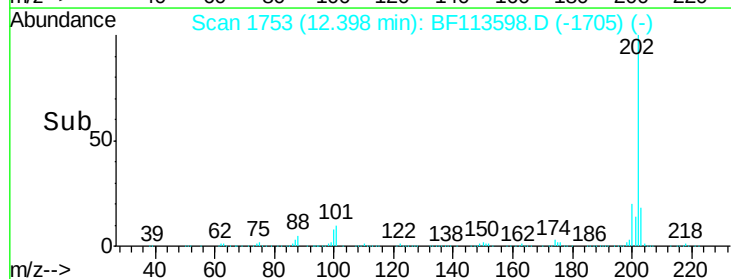
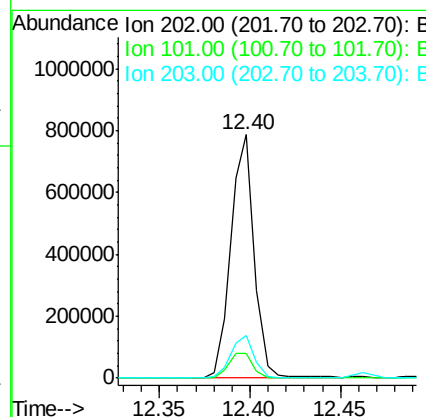
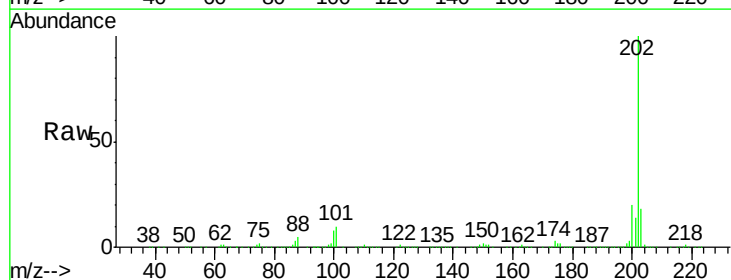
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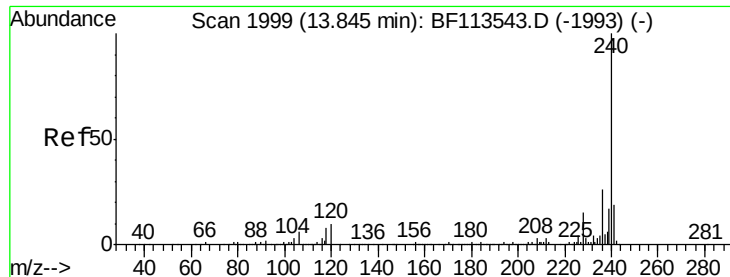
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#75
Fluoranthene
Concen: 23.194 ng
RT: 12.40 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF113598.D
Acq: 4 Apr 2019 22:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.4
203	17.6	0.0	38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.03 min

Lab File: BF113598.D

Acq: 4 Apr 2019 22:32

Instrument :

BNA_F

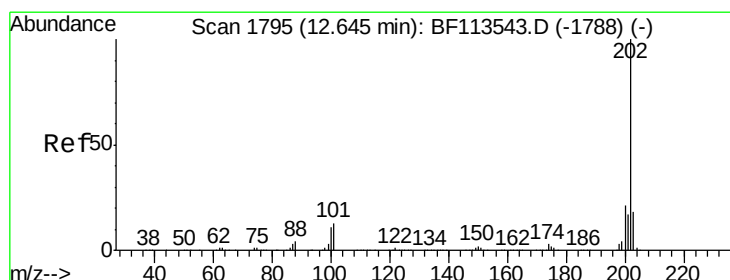
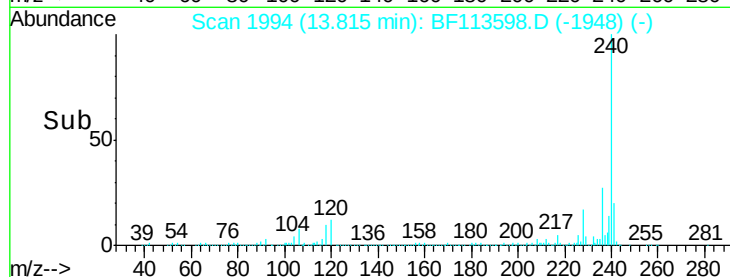
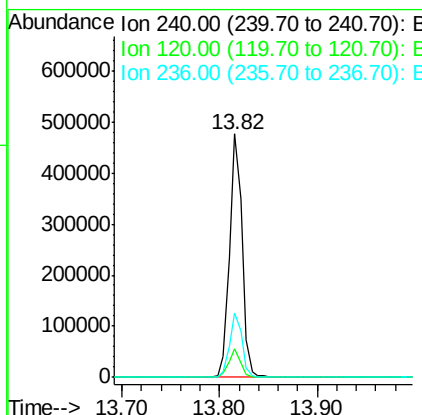
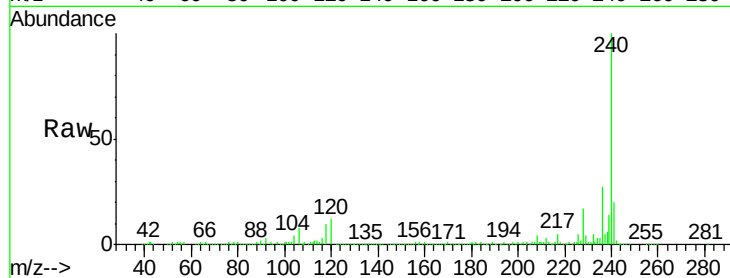
ClientSampleId :

S2B(2-10)COMP

Tgt Ion:	240	Resp:	425353
Ion Ratio		Lower	Upper
240	100		
120	11.5	8.8	13.2
236	26.5	20.9	31.3

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#78

Pyrene

Concen: 18.718 ng

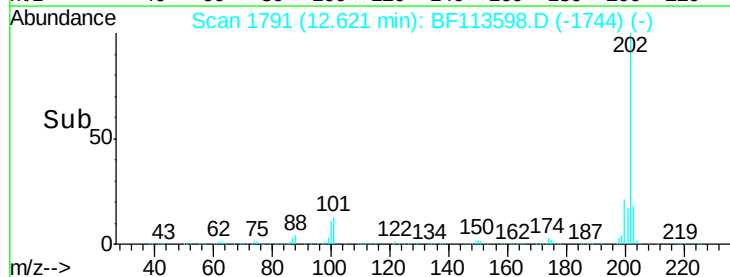
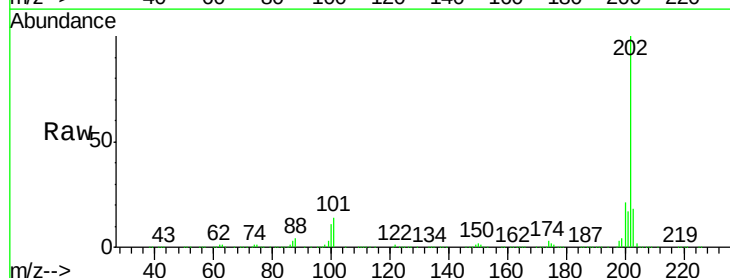
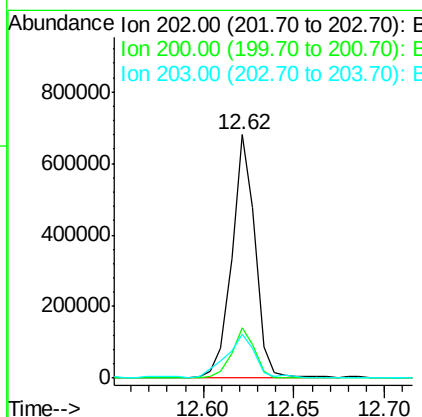
RT: 12.62 min Scan# 1791

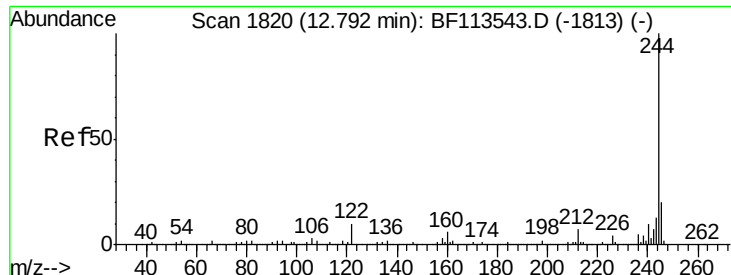
Delta R.T. -0.02 min

Lab File: BF113598.D

Acq: 4 Apr 2019 22:32

Tgt Ion:	202	Resp:	605812
Ion Ratio		Lower	Upper
202	100		
200	20.8	16.8	25.2
203	18.3	14.4	21.6





#79

Terphenyl-d14

Concen: 71.832 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113598.D

Acq: 4 Apr 2019 22:32

Instrument :

BNA_F

ClientSampleId :

S2B(2-10)COMP

Tgt Ion:244 Resp: 1500666

Ion Ratio Lower Upper

244 100

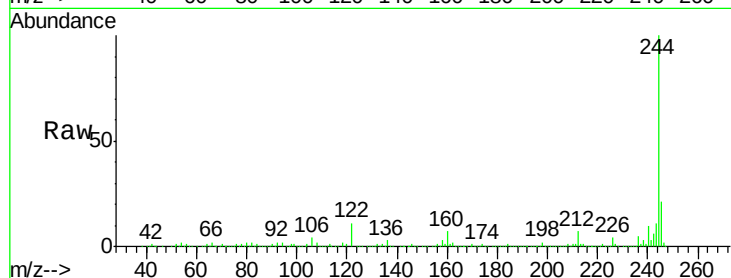
212 6.8 5.5 8.3

122 11.4 8.6 13.0

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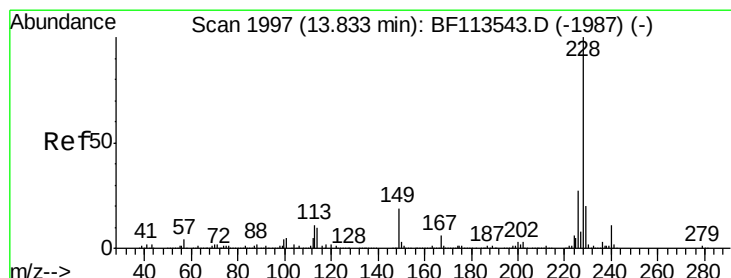
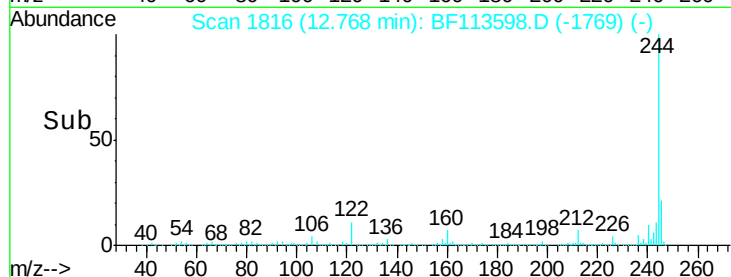
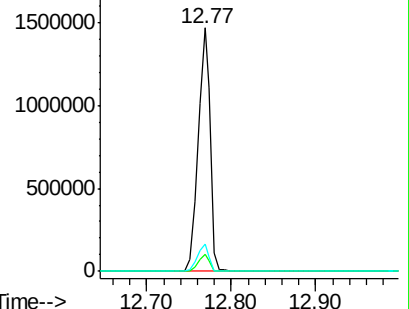
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 10.614 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.03 min

Lab File: BF113598.D

Acq: 4 Apr 2019 22:32

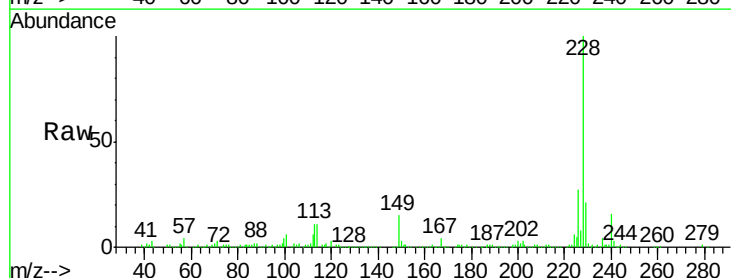
Tgt Ion:228 Resp: 260422

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

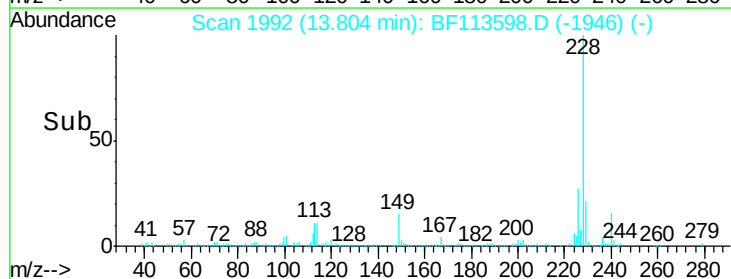
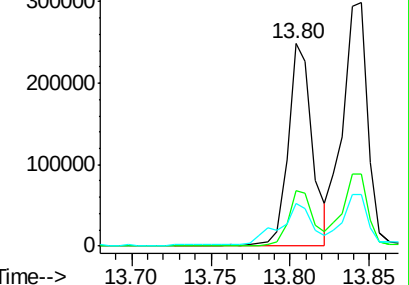
229 20.8 16.2 24.4

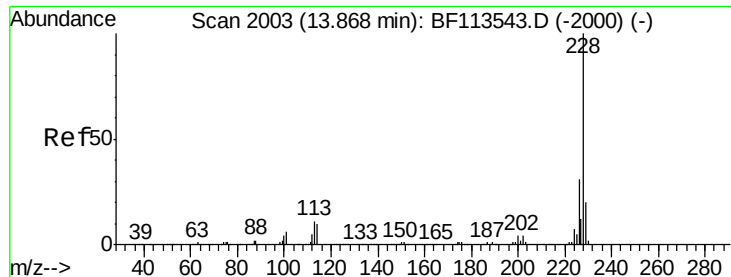


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 13.290 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF113598.D

Acq: 4 Apr 2019 22:32

Instrument :

BNA_F

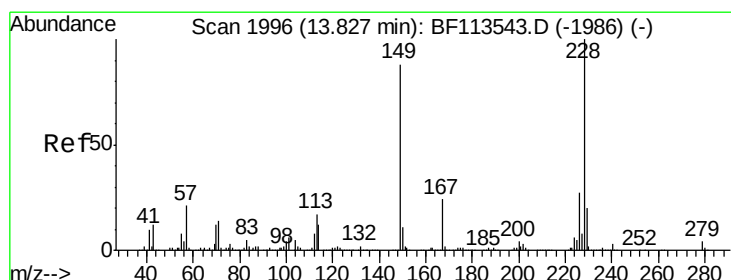
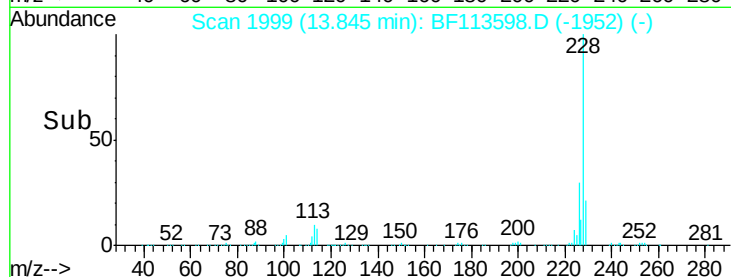
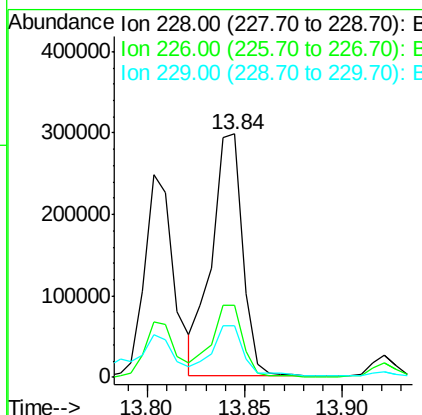
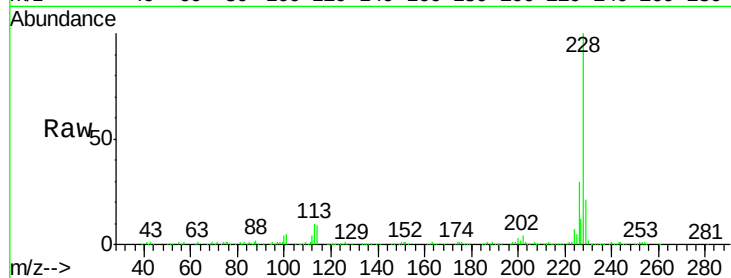
ClientSampleId :

S2B(2-10)COMP

Tgt Ion:	228	Resp:	330559
Ion Ratio		Lower	Upper
228	100		
226	29.8	24.3	36.5
229	21.3	16.3	24.5

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#84

Bis(2-ethylhexyl)phthalate

Concen: 3.033 ng

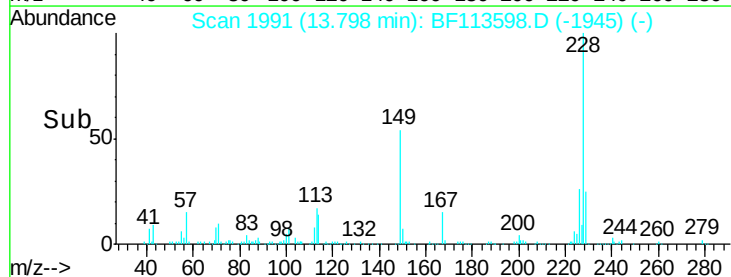
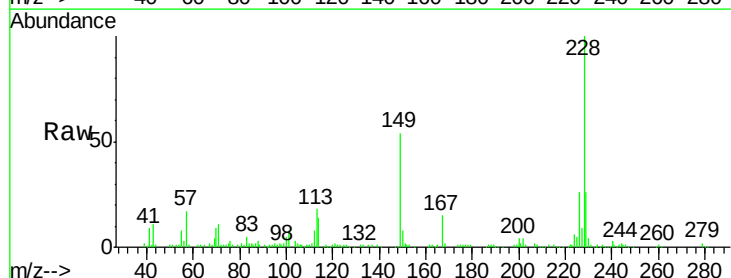
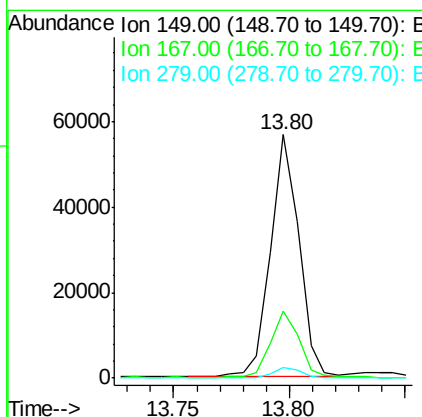
RT: 13.80 min Scan# 1991

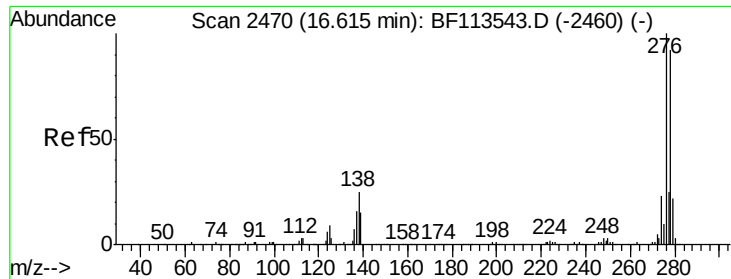
Delta R.T. -0.03 min

Lab File: BF113598.D

Acq: 4 Apr 2019 22:32

Tgt Ion:	149	Resp:	48317
Ion Ratio		Lower	Upper
149	100		
167	27.5	21.8	32.8
279	4.2	2.9	4.3





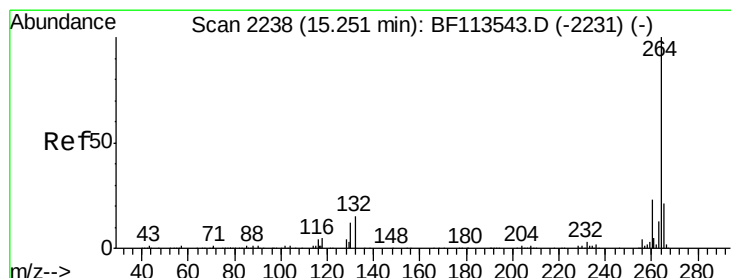
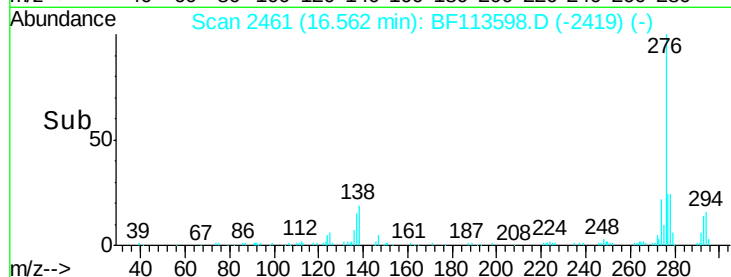
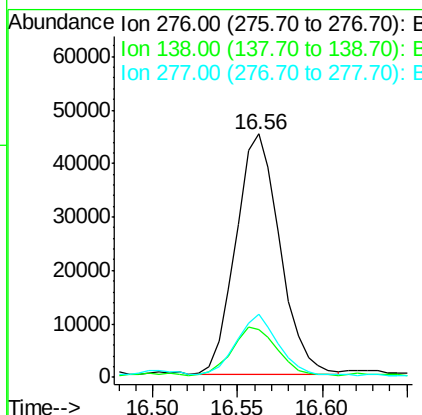
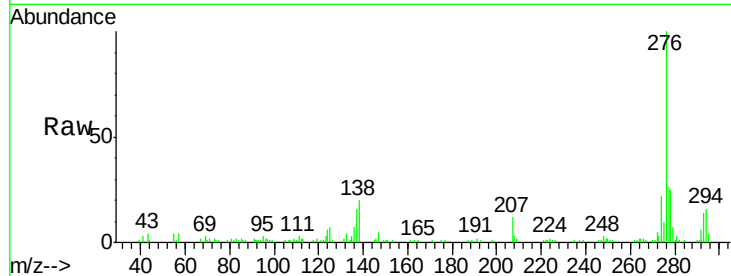
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 3.544 ng
 RT: 16.56 min Scan# 2461
 Delta R.T. -0.05 min
 Lab File: BF113598.D
 Acq: 4 Apr 2019 22:32

Instrument :
 BNA_F
 ClientSampleId :
 S2B(2-10)COMP

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.8	18.1	27.1
277	23.6	20.2	30.4

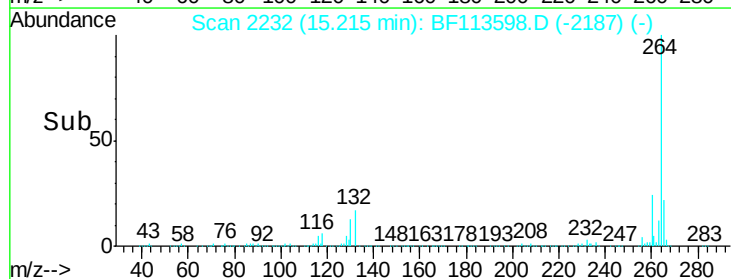
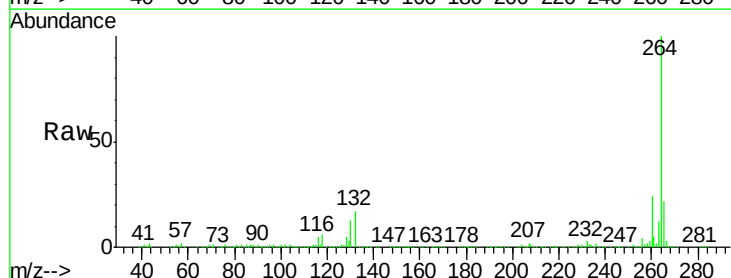
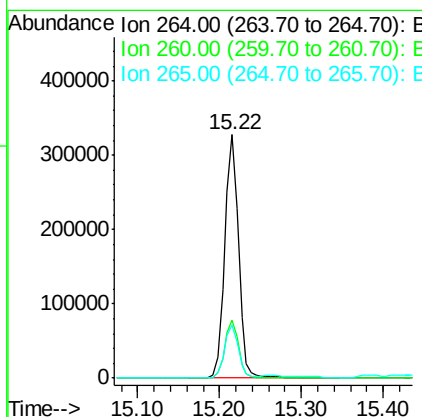
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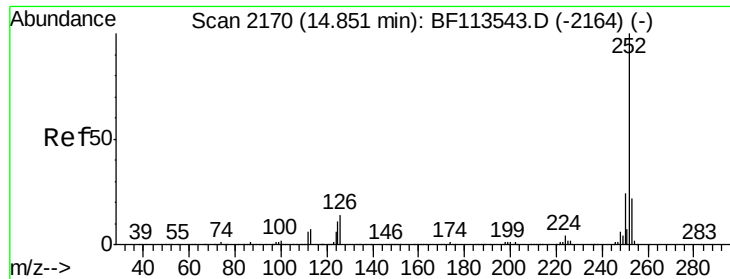
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2232
 Delta R.T. -0.04 min
 Lab File: BF113598.D
 Acq: 4 Apr 2019 22:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	22.0	17.1	25.7





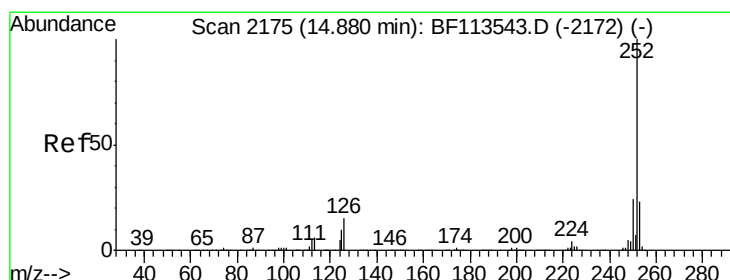
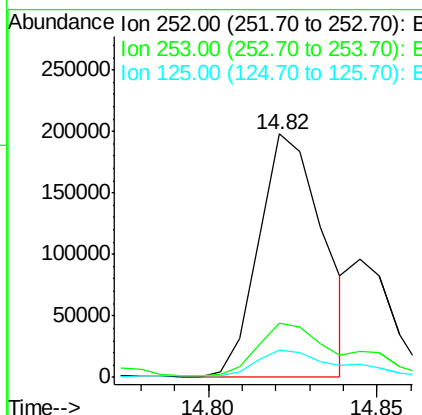
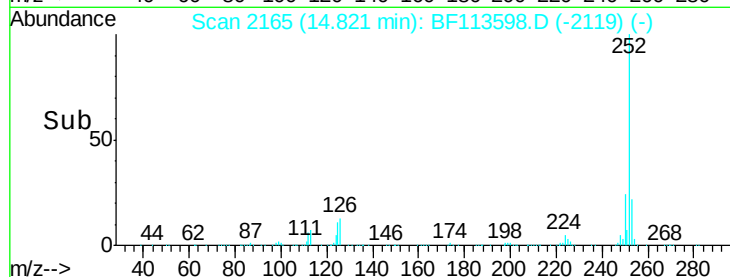
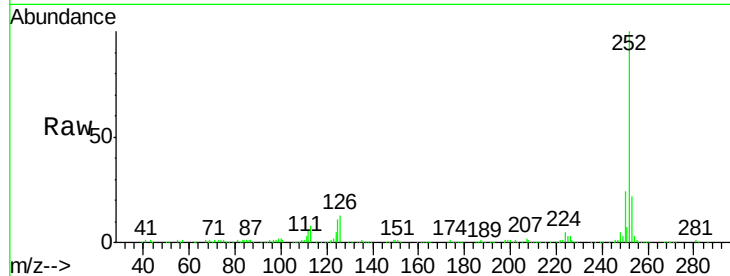
#88
Benzo(b)fluoranthene
Concen: 11.013 ng m
RT: 14.82 min Scan# 2165
Delta R.T. -0.03 min
Lab File: BF113598.D
Acq: 4 Apr 2019 22:32

Instrument :
BNA_F
ClientSampleId :
S2B(2-10)COMP

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	11.0	7.6	11.4

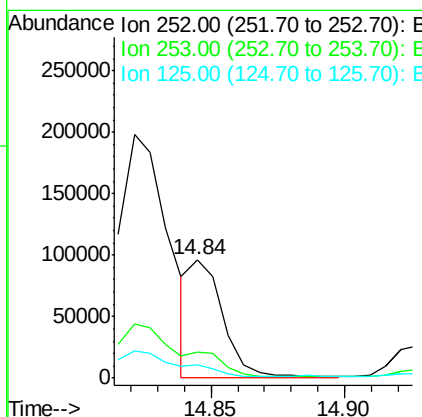
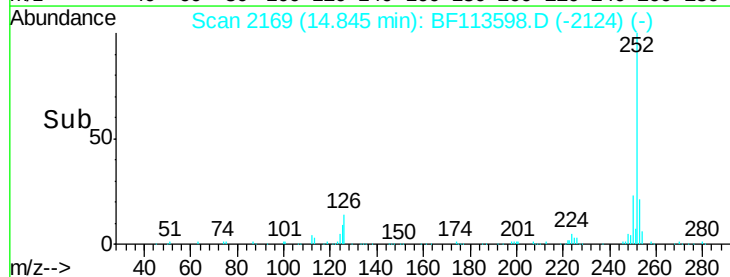
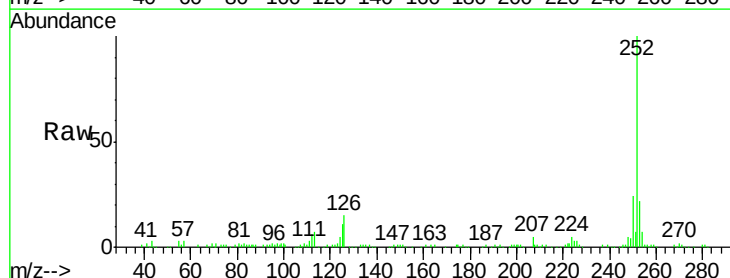
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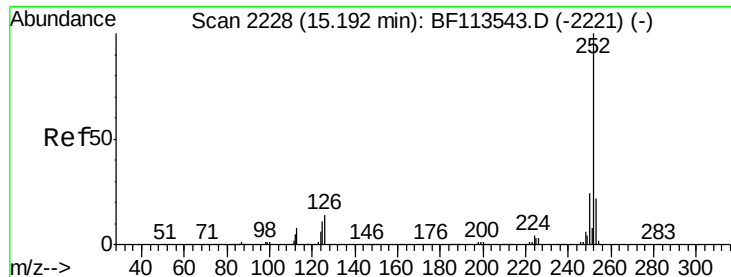
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#89
Benzo(k)fluoranthene
Concen: 3.847 ng m
RT: 14.84 min Scan# 2169
Delta R.T. -0.04 min
Lab File: BF113598.D
Acq: 4 Apr 2019 22:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	11.1	7.3	10.9





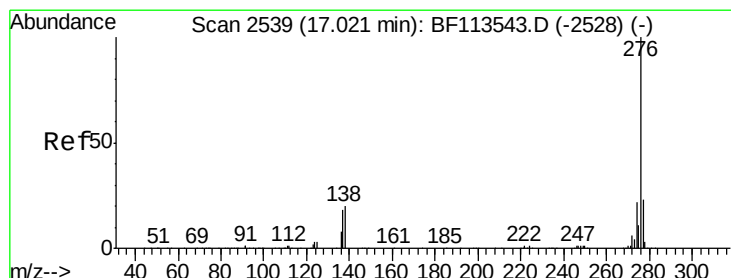
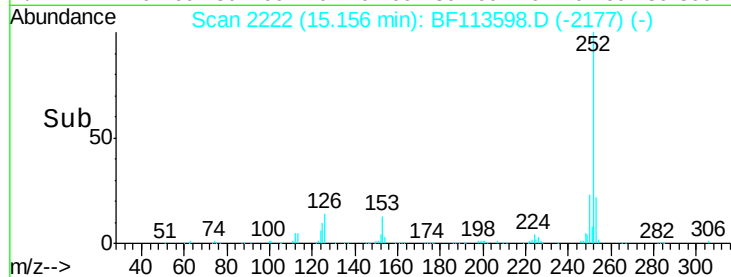
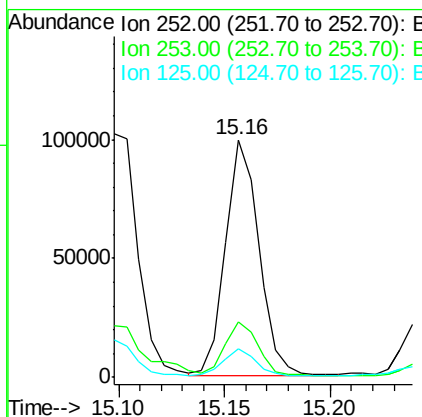
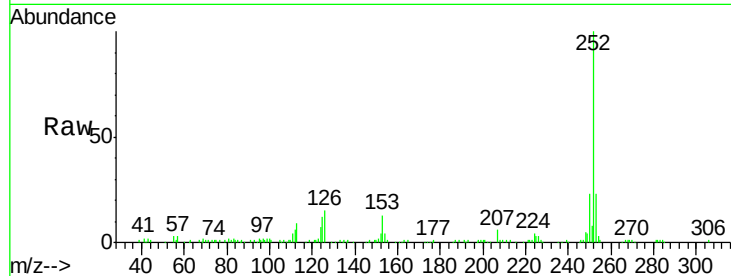
#90
Benzo(a)pyrene
Concen: 5.264 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.04 min
Lab File: BF113598.D
Acq: 4 Apr 2019 22:32

Instrument :
BNA_F
ClientSampleId :
S2B(2-10)COMP

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	110034		
253	23.3	17.9	26.9	
125	11.9	8.8	13.2	

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.889 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.05 min
Lab File: BF113598.D
Acq: 4 Apr 2019 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	77603		
277	24.5	18.8	28.2	
138	20.8	15.6	23.4	

