

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
 Data File : BF113107.D
 Acq On : 18 Mar 2019 22:56
 Operator : JU/SJ
 Sample : K1901-09 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16(0.5-1.5)

Manual Integrations
 APPROVED

Sohil
 3/19/2019 5:10:16 PM

Quant Time: Mar 19 06:38:03 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	148667	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	562315	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	261316	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	536597	20.00	ng	0.00
76) Chrysene-d12	13.87	240	472919	20.00	ng	0.00
87) Perylene-d12	15.29	264	354323	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	350021	36.62	ng	0.00
7) Phenol-d6	6.37	99	489518	40.77	ng	0.00
23) Nitrobenzene-d5	7.29	82	282239	30.03	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	112072	40.40	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	597727	31.88	ng	0.00
79) Terphenyl-d14	12.82	244	679104	27.84	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.48	163	52557	2.728	ng	Qvalue # 99
71) Phenanthrene	11.26	178	635598	23.807	ng	98
72) Anthracene	11.32	178	108499	3.882	ng	97
75) Fluoranthene	12.45	202	979753	34.253	ng	97
78) Pyrene	12.68	202	1100469	27.603	ng	100
81) Benzo(a)anthracene	13.86	228	570988	17.421	ng	98
83) Chrysene	13.90	228	503608	15.686	ng	98
86) Indeno(1,2,3-cd)pyrene	16.65	276	217702	7.954	ng	# 88
88) Benzo(b)fluoranthene	14.89	252	534757m	23.333	ng	
89) Benzo(k)fluoranthene	14.90	252	113725m	5.478	ng	
90) Benzo(a)pyrene	15.23	252	363946	17.953	ng	98
91) Dibenzo(a,h)anthracene	16.66	278	59103m	3.417	ng	
92) Benzo(a,h,i)perylene	17.06	276	213208	12.275	ng	94

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

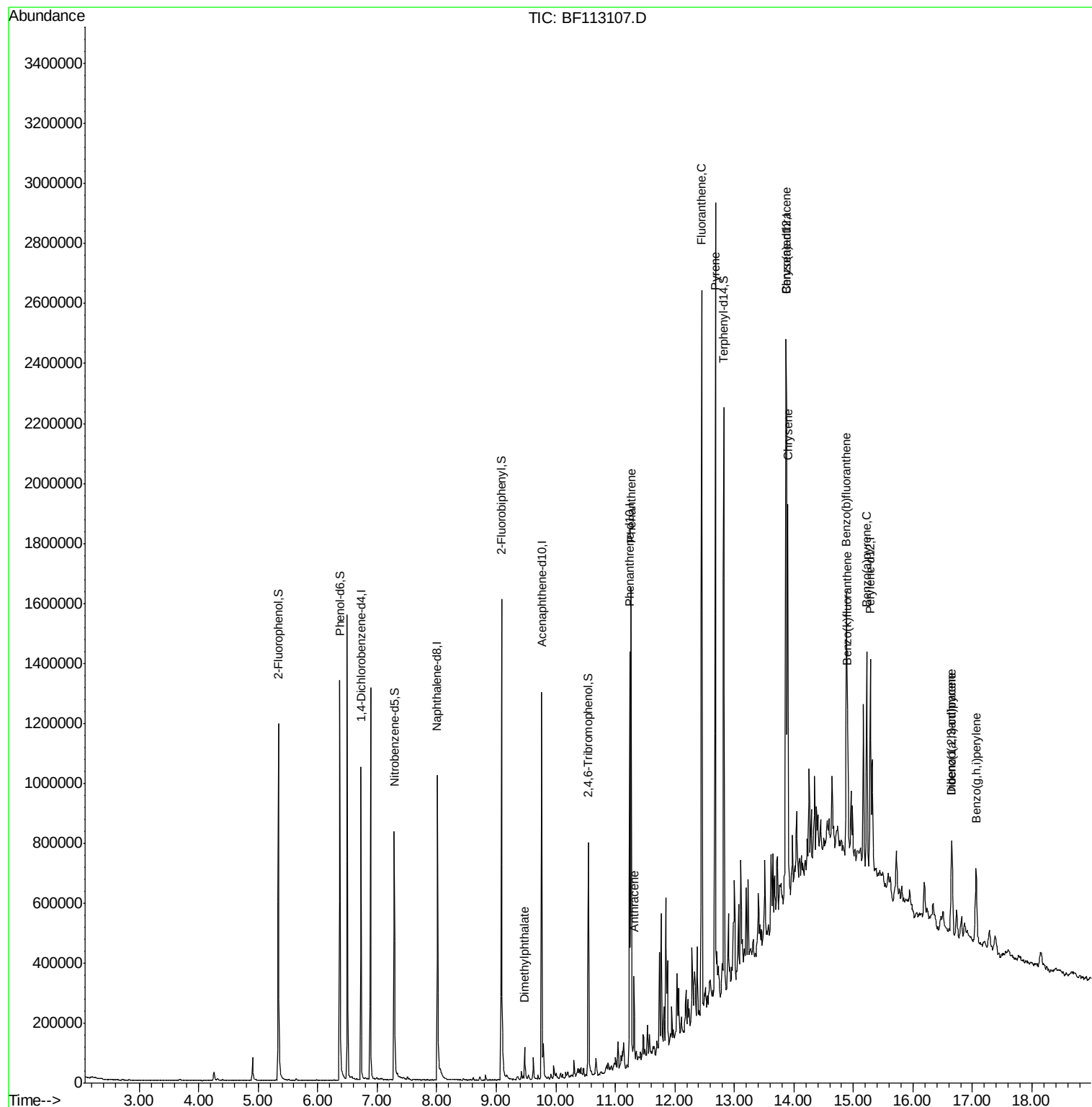
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113107.D
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Operator : JU/SJ
Sample : K1901-09 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

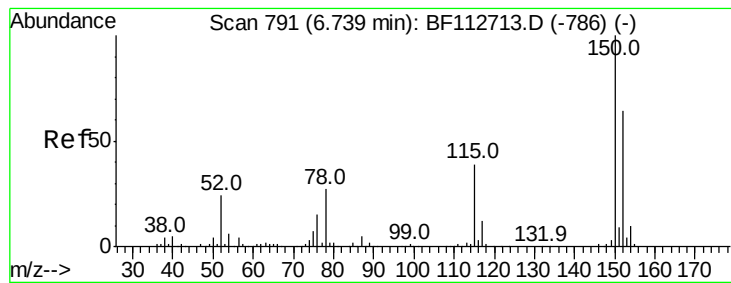
Instrument :
BNA_F
ClientSampleId :
SB-16(0.5-1.5)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

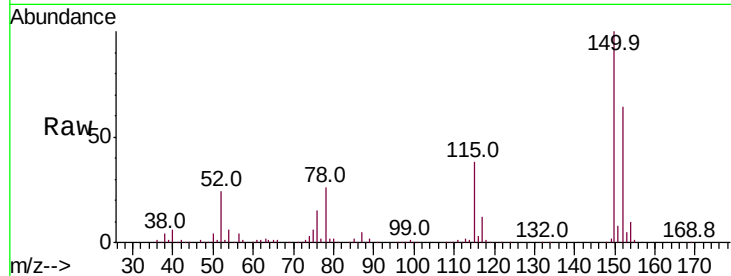
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Instrument :
BNA_F
ClientSampleId :
SB-16(0.5-1.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.2	186.2
115	59.5	48.2	72.4

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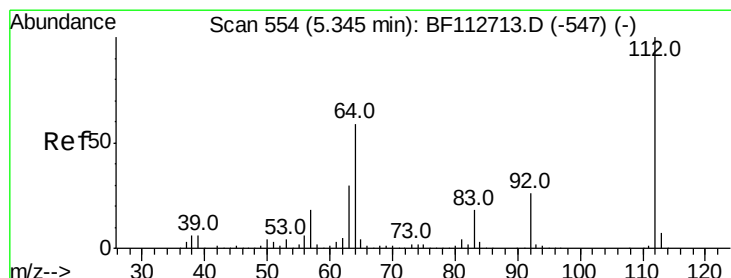
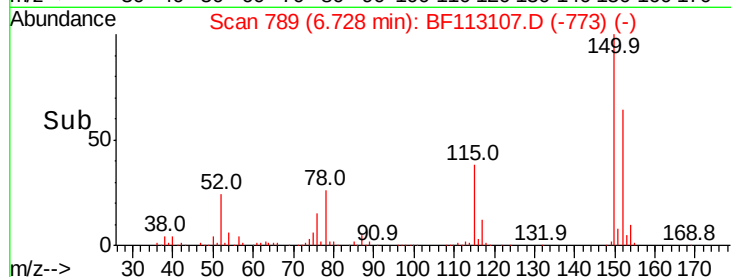
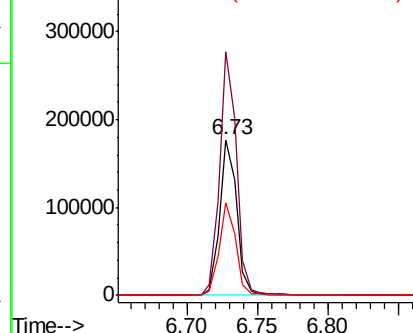


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

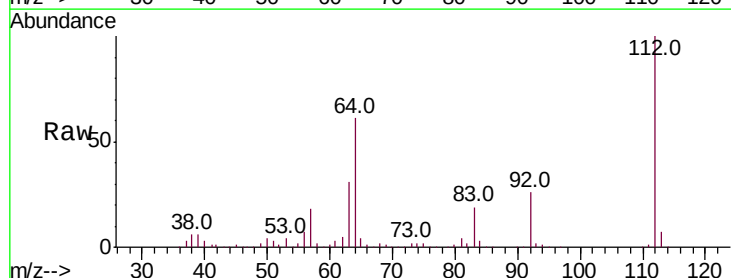
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 36.624 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	47.6	71.4
63	30.6	24.4	36.6

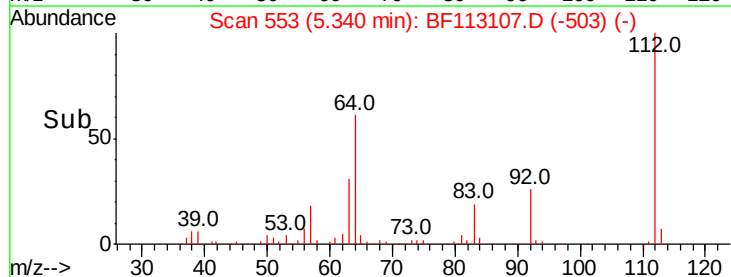
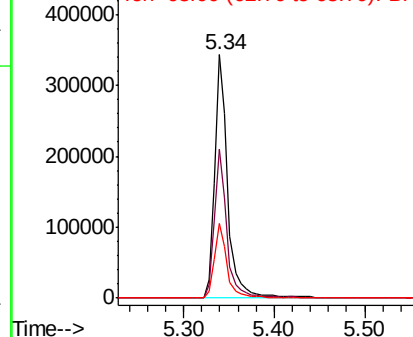


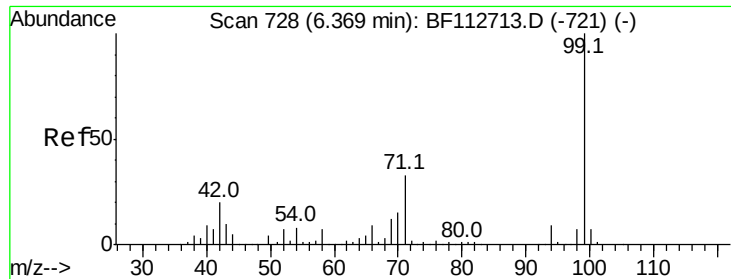
Abundance

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: 40.775 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113107.D

Acq: 18 Mar 2019 22:56

Instrument :

BNA_F

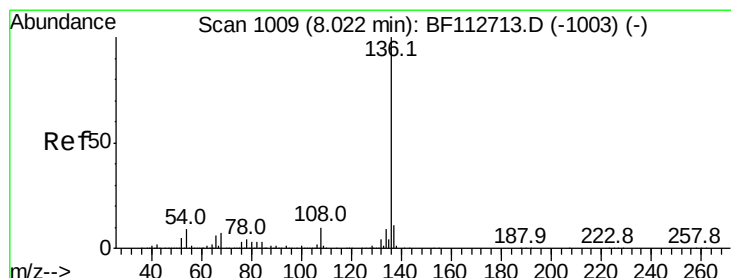
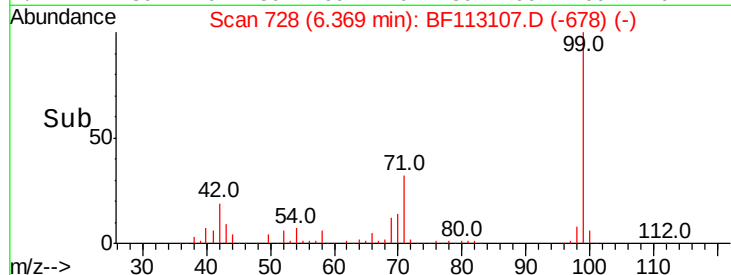
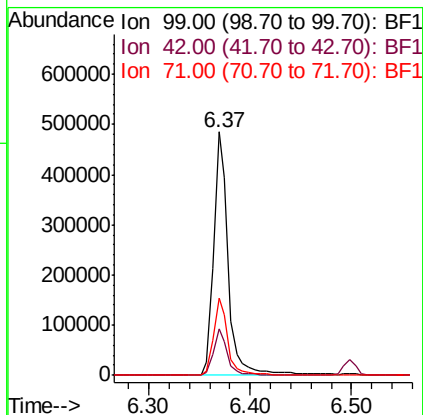
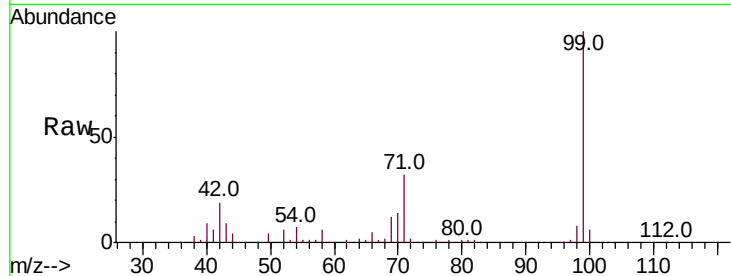
ClientSampleId :

SB-16(0.5-1.5)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		489518		
42	19.0	16.3	24.5		
71	32.0	26.2	39.4		

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#21

Naphthalene-d8

Concen: 20.000 ng

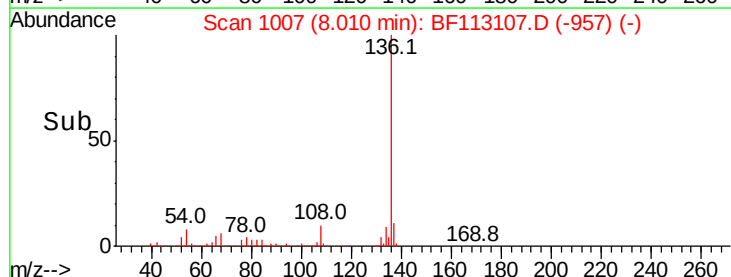
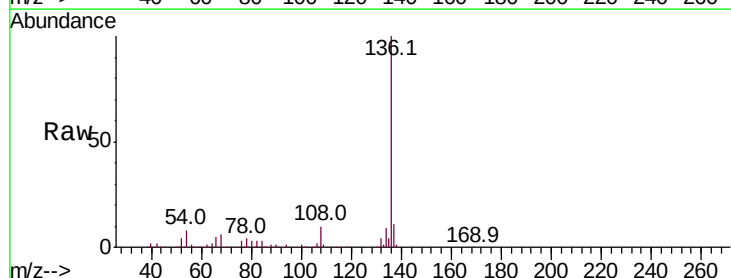
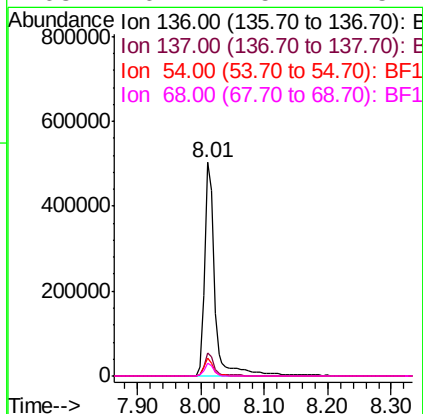
RT: 8.01 min Scan# 1007

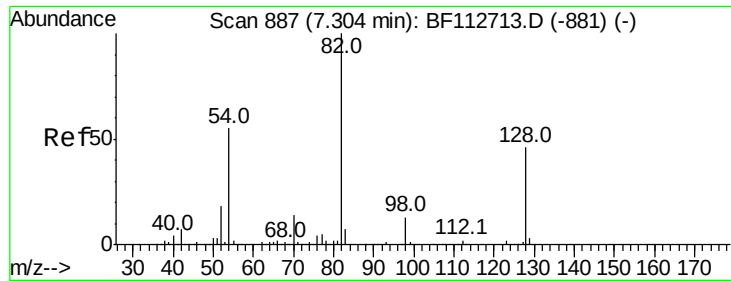
Delta R.T. -0.01 min

Lab File: BF113107.D

Acq: 18 Mar 2019 22:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		562315		
137	11.0	8.9	13.3		
54	8.5	7.3	10.9		
68	6.1	5.4	8.2		





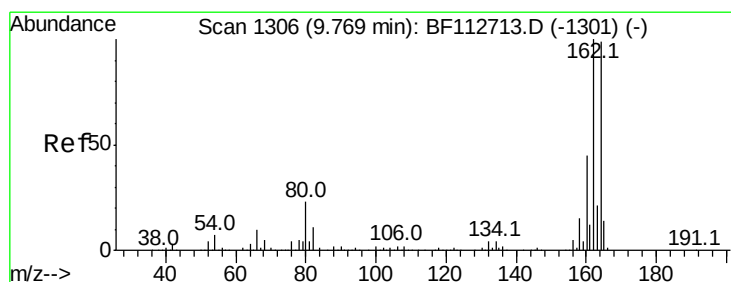
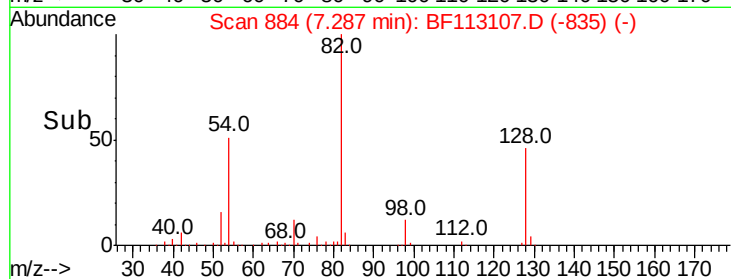
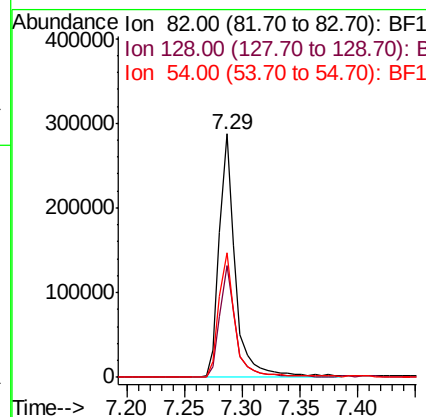
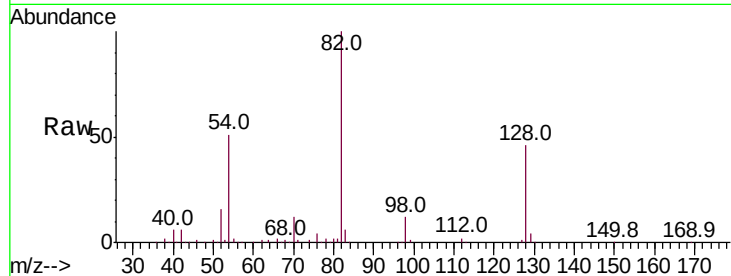
#23
Nitrobenzene-d5
Concen: 30.034 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Instrument :
BNA_F
ClientSampleId :
SB-16(0.5-1.5)

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.3	54.5
54	51.4	43.7	65.5

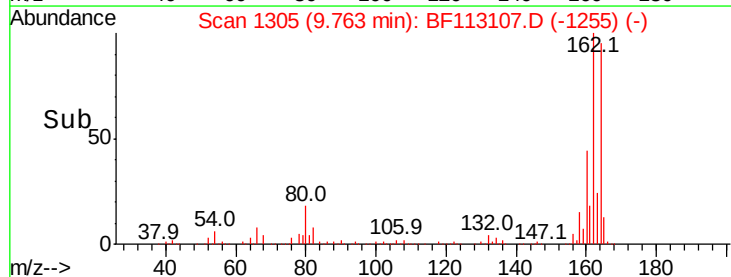
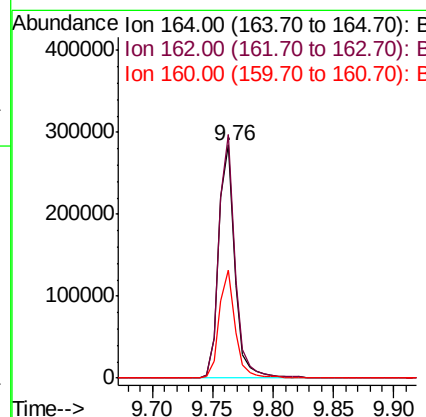
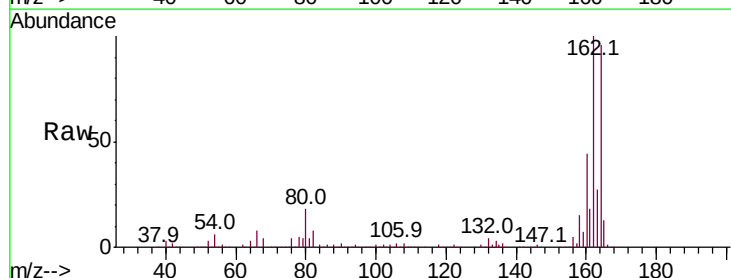
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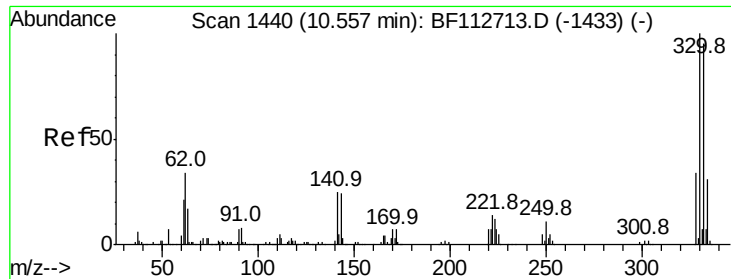
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	80.6	120.8
160	46.4	36.0	54.0





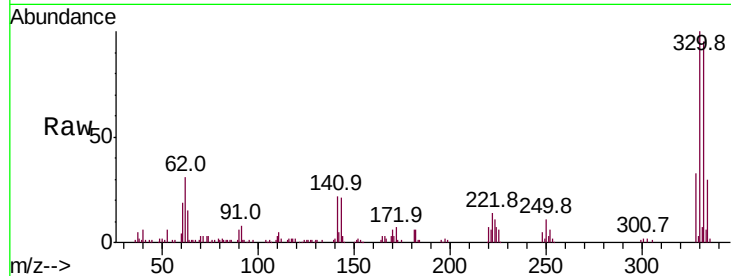
#42
 2,4,6-Tribromophenol
 Concen: 40.398 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF113107.D
 Acq: 18 Mar 2019 22:56

Instrument :
 BNA_F
 ClientSampled :
 SB-16(0.5-1.5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.2	114.4
141	28.9	27.0	40.6

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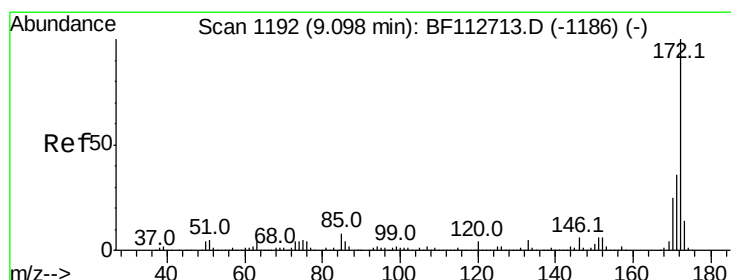
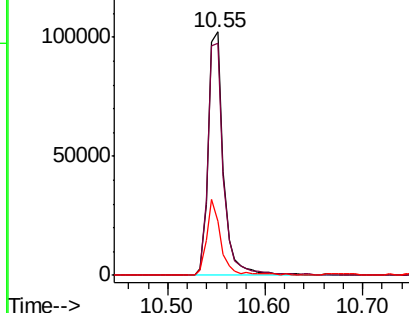
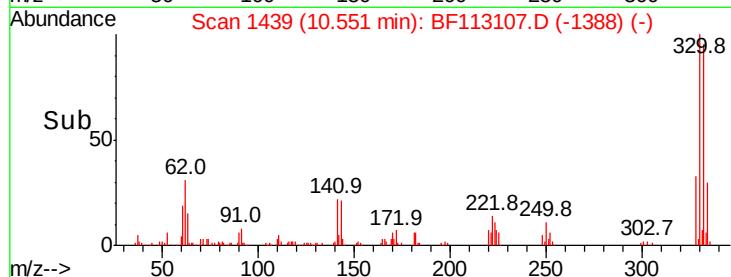


Abundance

Ion 329.80 (329.50 to 330.50): E

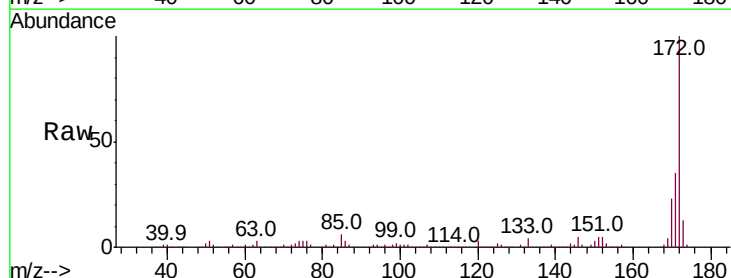
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 31.883 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF113107.D
 Acq: 18 Mar 2019 22:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.0	43.4
170	23.3	20.0	30.0

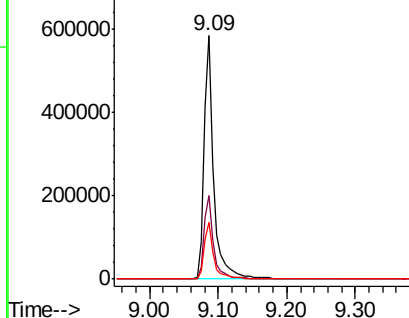
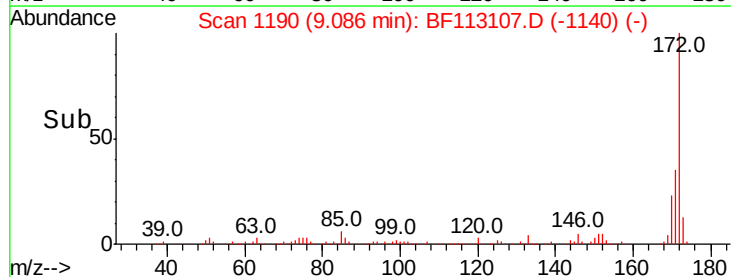


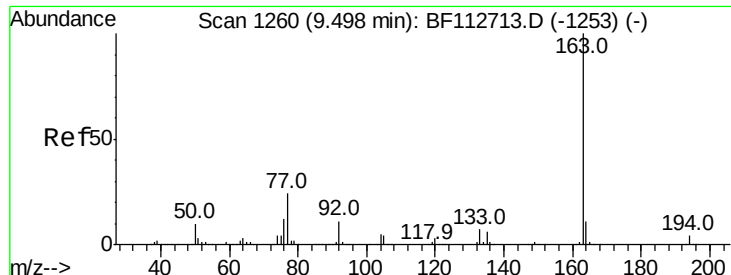
Abundance

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





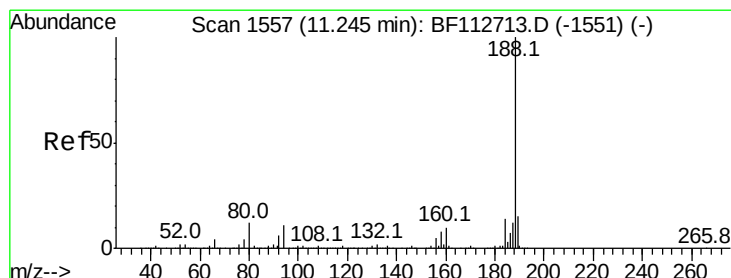
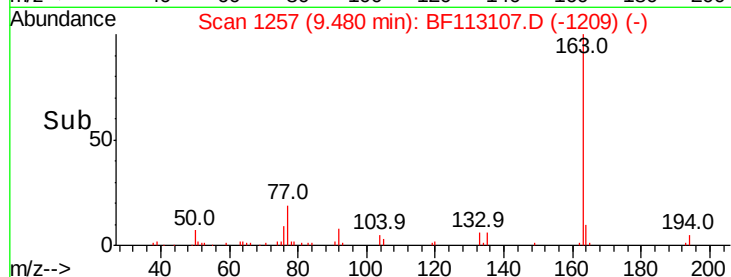
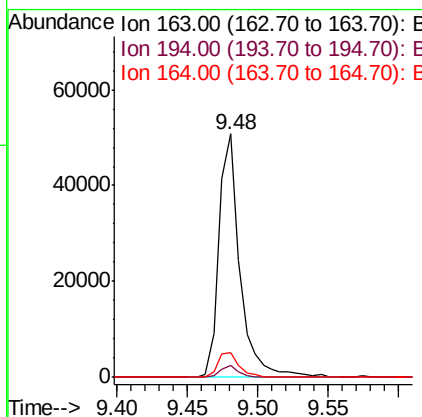
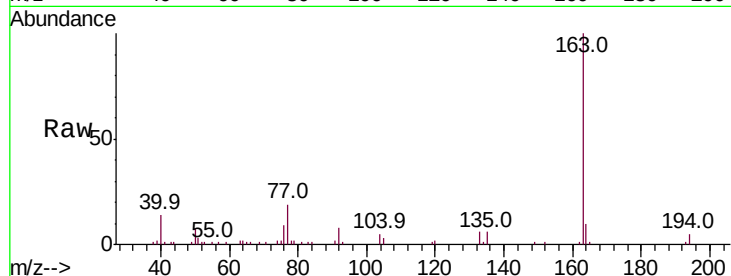
#50
 Dimethylphthalate
 Concen: 2.728 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.02 min
 Lab File: BF113107.D
 Acq: 18 Mar 2019 22:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-16(0.5-1.5)

Tot Ion:	163	Resp:	52557
Ion Ratio	Lower	Upper	
163	100		
194	5.0	3.0	4.4#
164	10.4	8.4	12.6

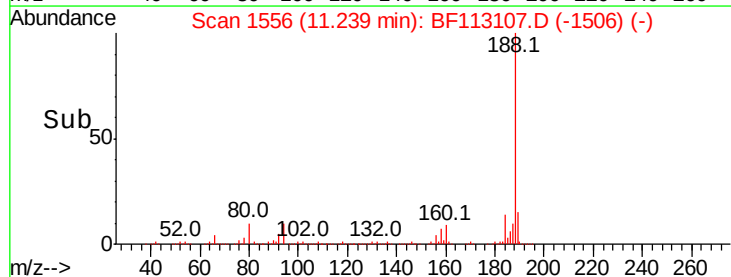
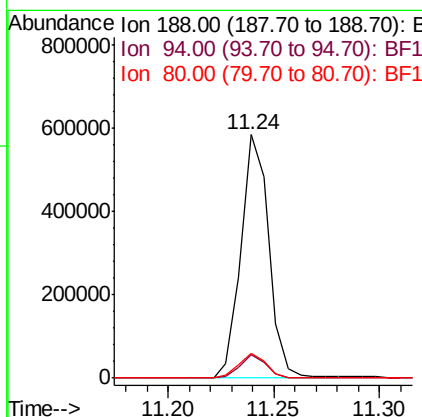
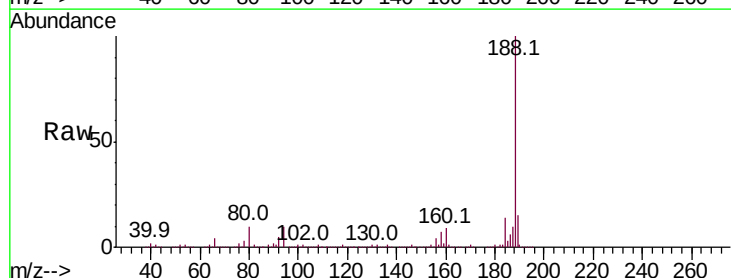
Manual Integrations
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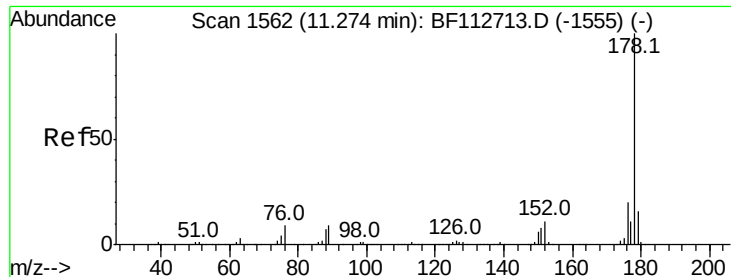
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF113107.D
 Acq: 18 Mar 2019 22:56

Tgt Ion:	188	Resp:	536597
Ion Ratio	Lower	Upper	
188	100		
94	9.5	9.0	13.4
80	10.3	9.2	13.8





#71

Phenanthrene

Concen: 23.807 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF113107.D

Acq: 18 Mar 2019 22:56

Instrument :

BNA_F

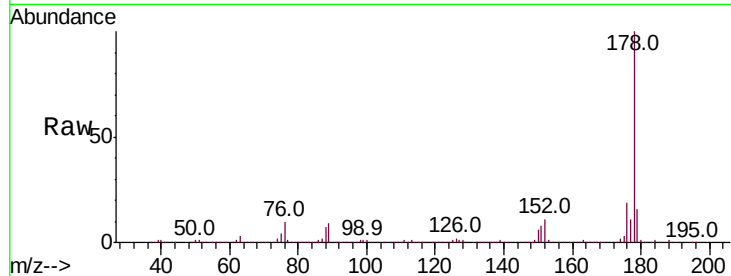
ClientSampleId :

SB-16(0.5-1.5)

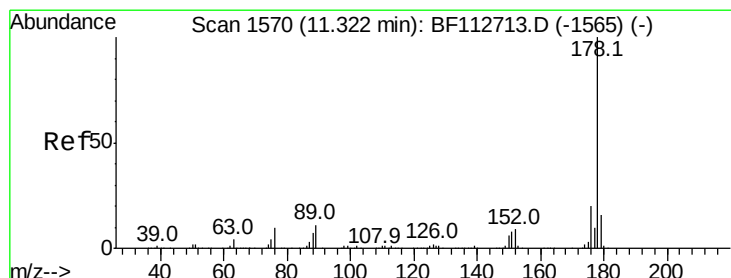
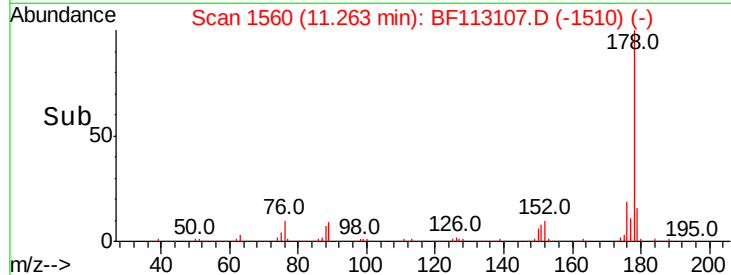
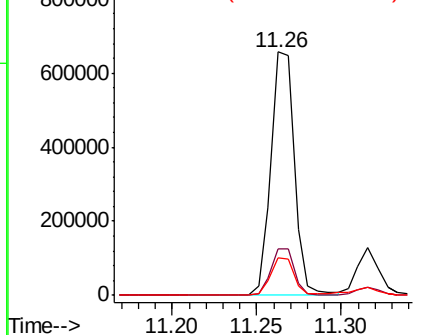
Tot Ion:178	Resp:	635598
Ion Ratio	Lower	Upper
178	100	
176	19.2	16.3 24.5
179	15.6	12.7 19.1

Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 3.882 ng

RT: 11.32 min Scan# 1569

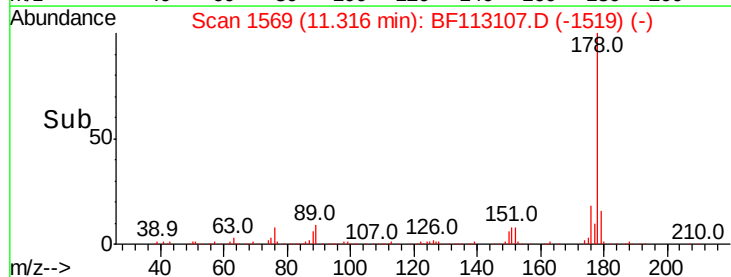
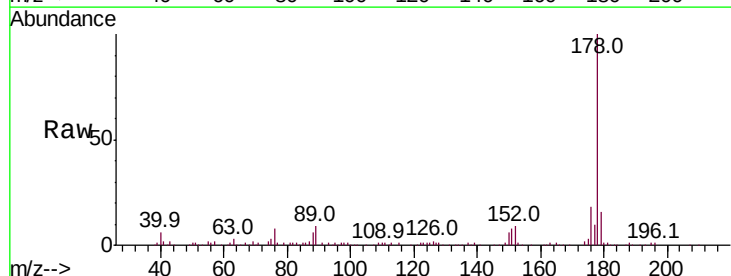
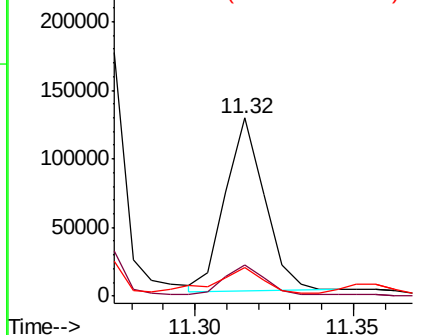
Delta R.T. -0.01 min

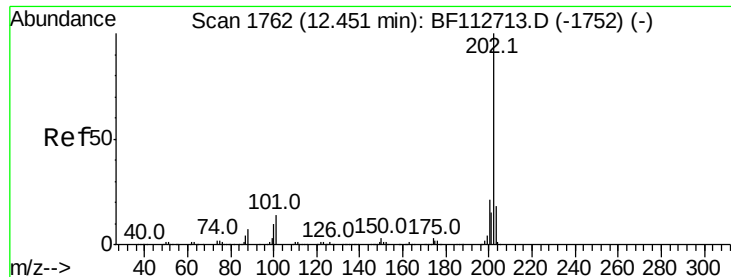
Lab File: BF113107.D

Acq: 18 Mar 2019 22:56

Tgt Ion:178	Resp:	108499
Ion Ratio	Lower	Upper
178	100	
176	17.6	15.8 23.6
179	15.8	13.0 19.6

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





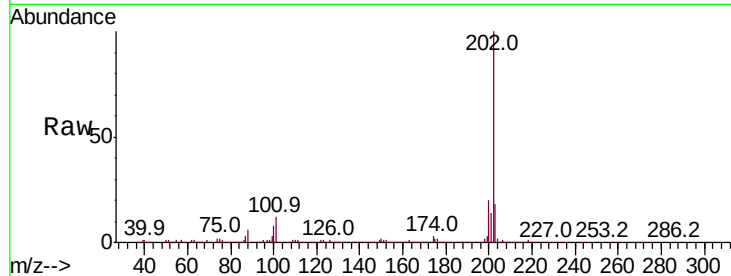
#75
Fluoranthene
Concen: 34.253 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Instrument :
BNA_F
ClientSampled :
SB-16(0.5-1.5)

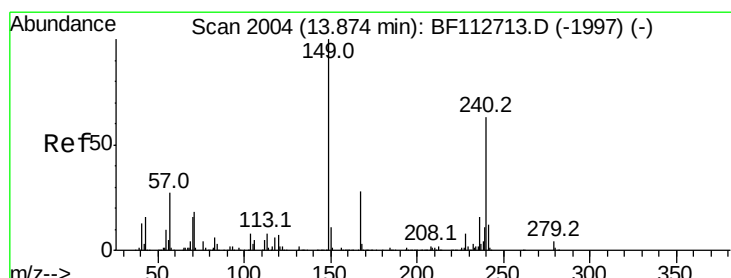
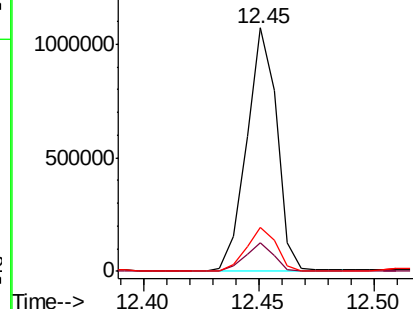
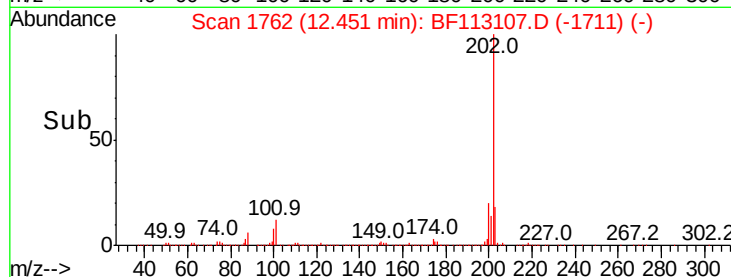
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.6	0.0	33.8
203	18.2	0.0	38.4

Manual Integrations
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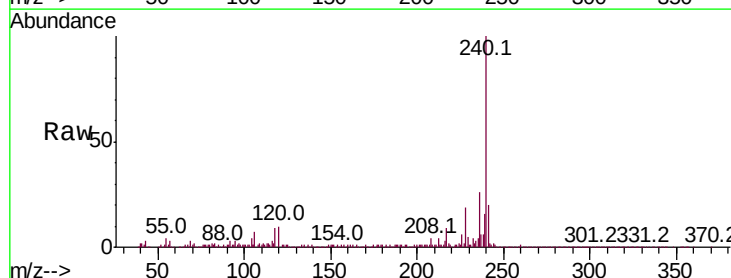


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

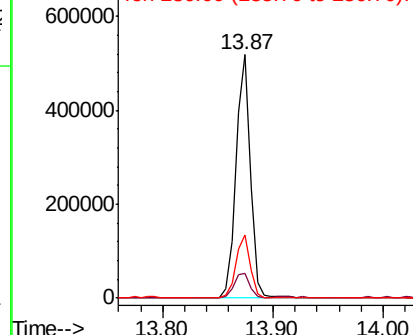
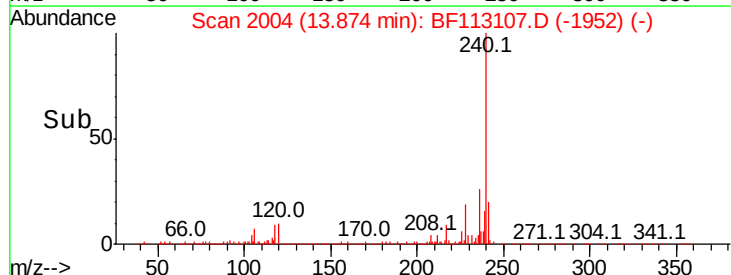


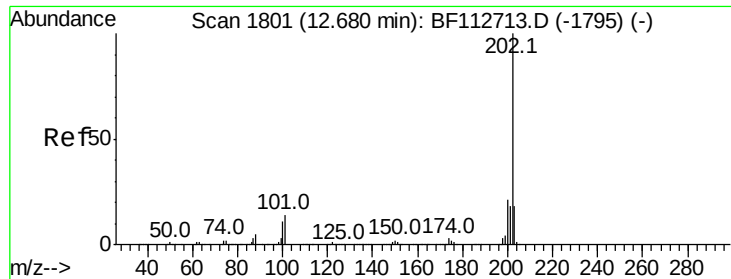
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.4	8.9	13.3
236	26.1	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





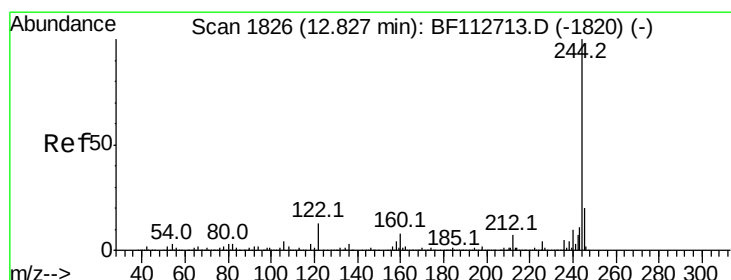
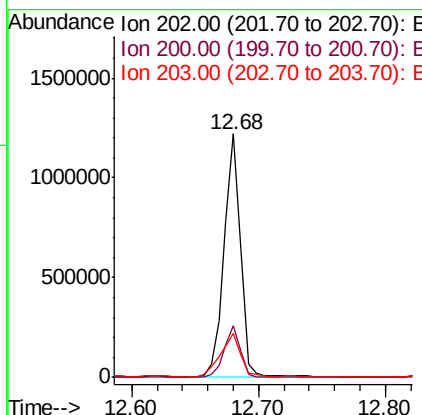
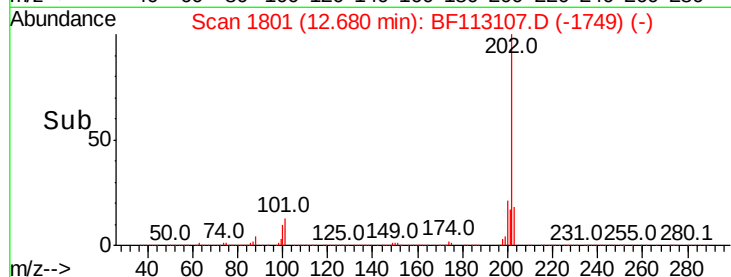
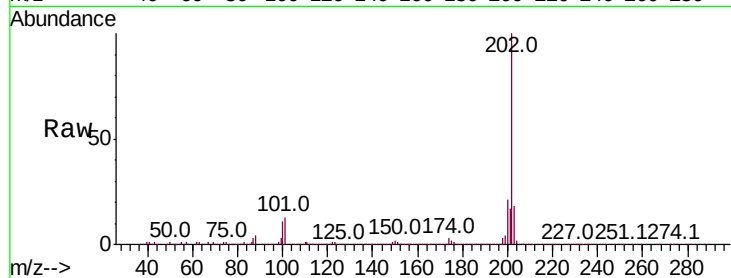
#78
Pvrene
Concen: 27.603 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Instrument :
BNA_F
ClientSampleId :
SB-16(0.5-1.5)

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	18.2	14.4	21.6

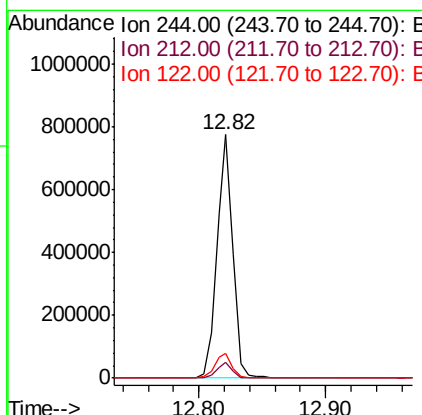
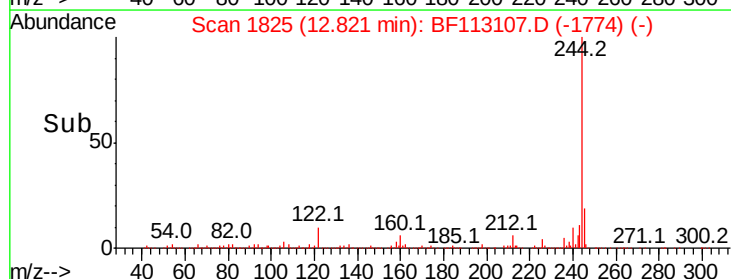
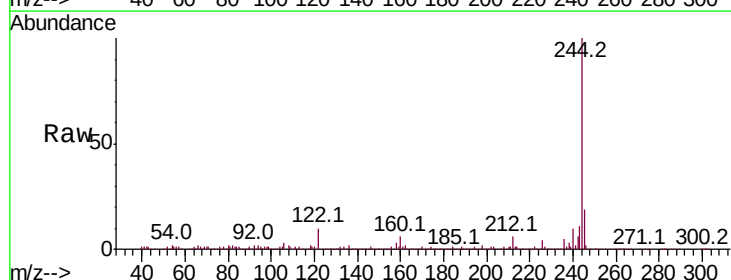
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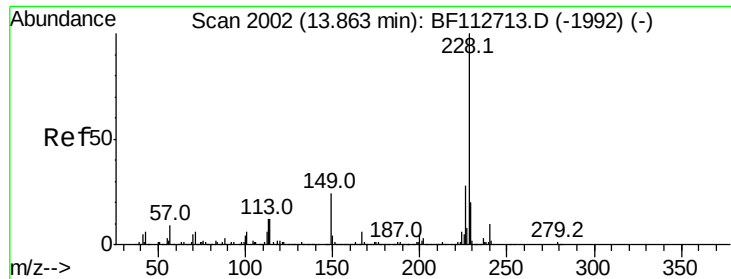
Sohil
3/19/2019 5:10:16 PM



#79
Terphenyl-d14
Concen: 27.837 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.6	8.4
122	10.3	10.5	15.7#





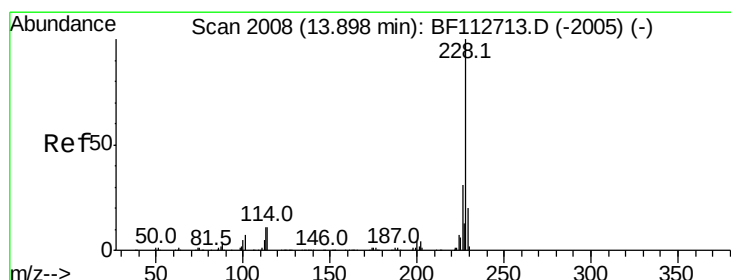
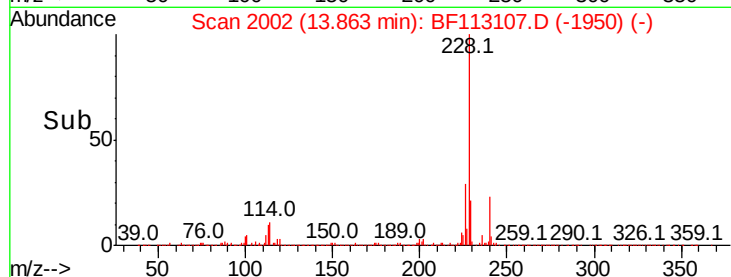
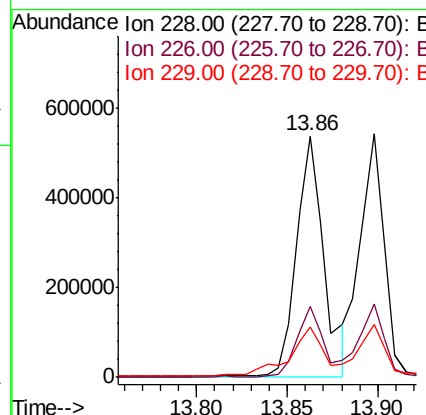
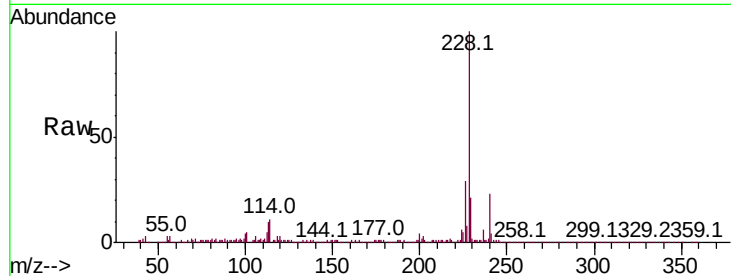
#81
Benzo(a)anthracene
Concen: 17.421 ng
RT: 13.86 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Instrument :
BNA_F
ClientSampleId :
SB-16(0.5-1.5)

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.2	33.4
229	21.0	16.0	24.0

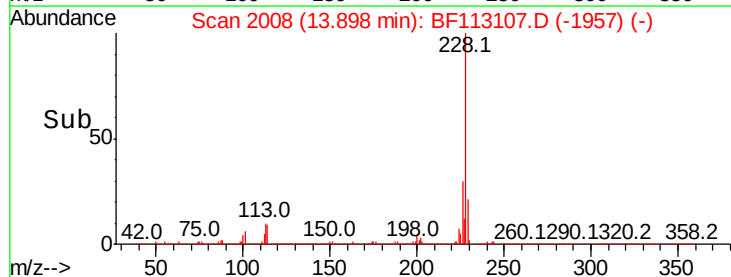
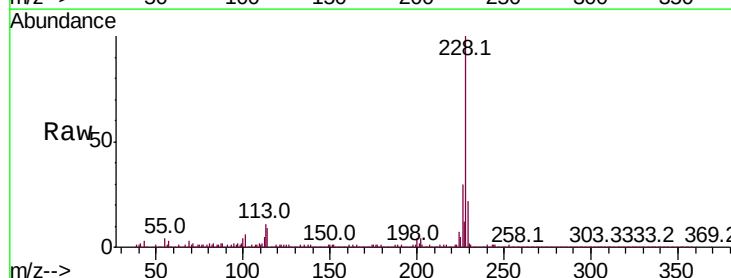
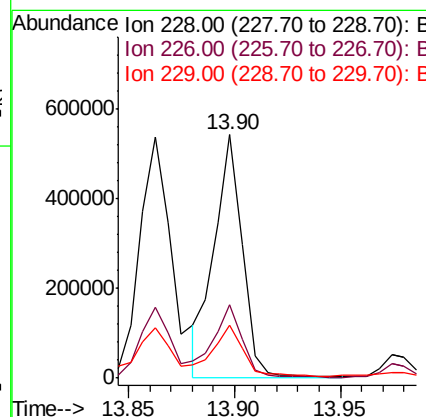
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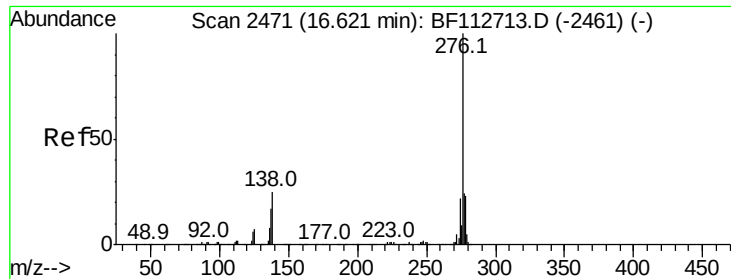
Sohil
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#83
Chrysene
Concen: 15.686 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	21.8	16.3	24.5





#86

Indeno(1,2,3-cd)pyrene

Concen: 7.954 ng

RT: 16.65 min Scan# 2476

Delta R.T. 0.01 min

Lab File: BF113107.D

Acq: 18 Mar 2019 22:56

Instrument :

BNA_F

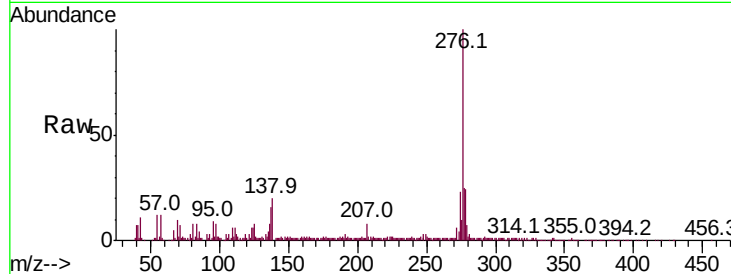
ClientSampleId :

SB-16(0.5-1.5)

Tot Ion:	276	Resp:	217702
Ion Ratio	Lower	Upper	
276	100		
138	18.1	23.2	34.8#
277	23.5	19.9	29.9

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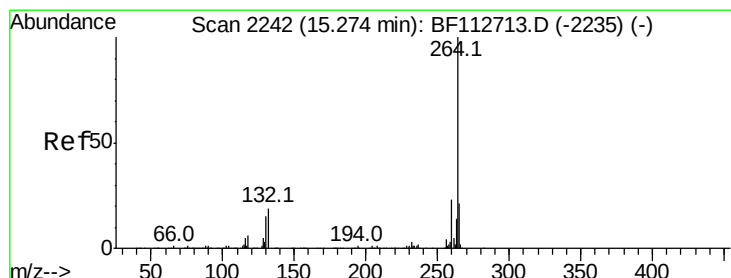
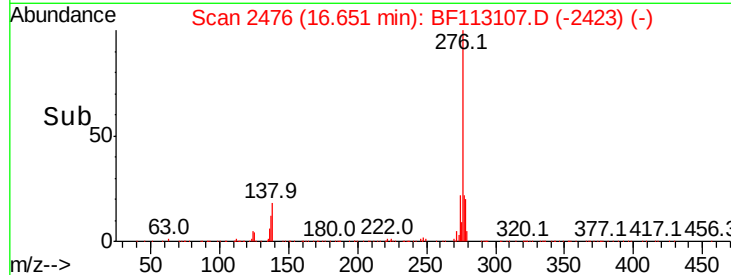
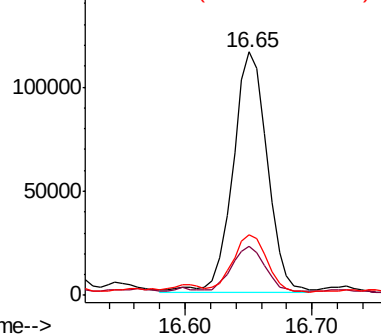


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

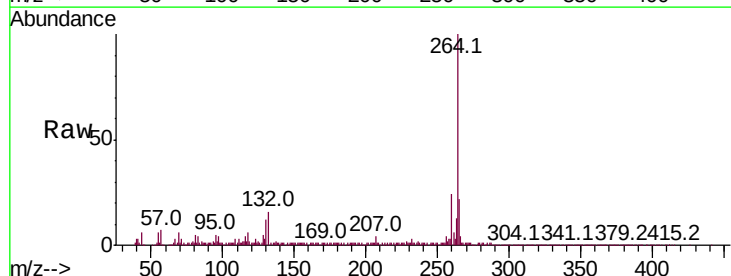
RT: 15.29 min Scan# 2244

Delta R.T. 0.01 min

Lab File: BF113107.D

Acq: 18 Mar 2019 22:56

Tgt Ion:	264	Resp:	354323
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.7	28.1
265	22.2	17.2	25.8

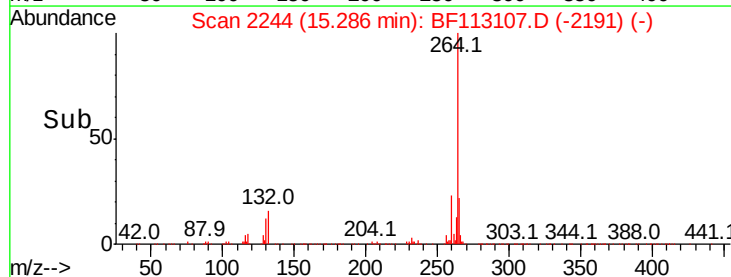
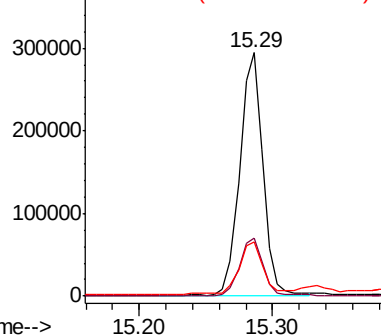


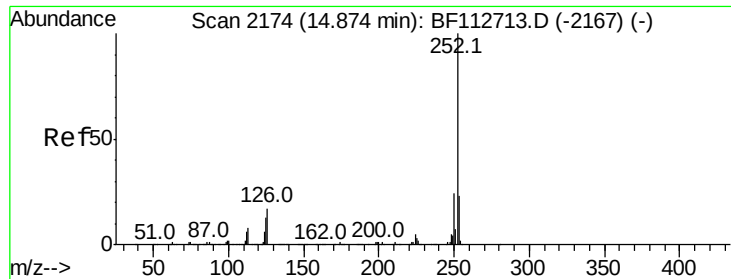
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 23.333 ng m

RT: 14.89 min Scan# 2176

Delta R.T. 0.01 min

Lab File: BF113107.D

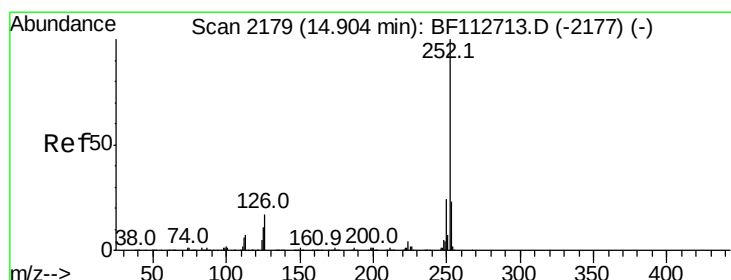
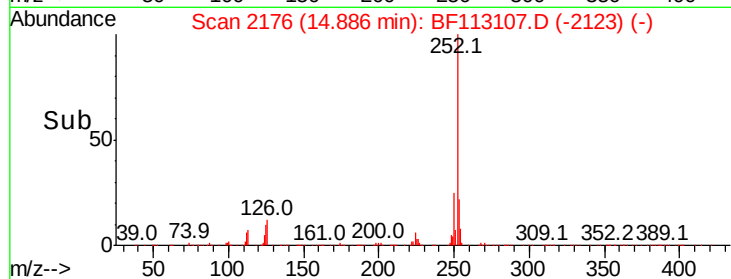
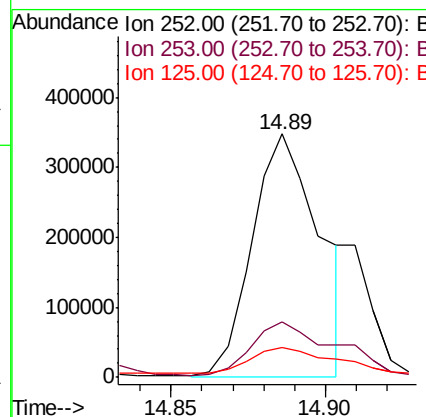
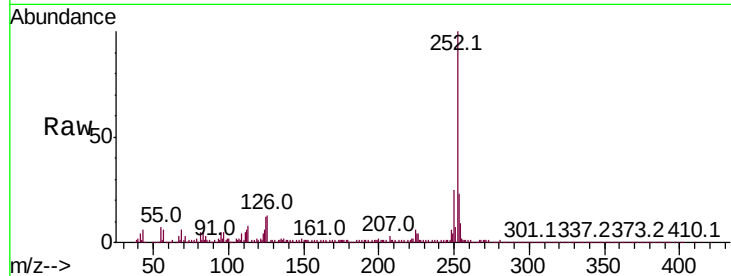
Acq: 18 Mar 2019 22:56

Instrument :
BNA_F
ClientSampleId :
SB-16(0.5-1.5)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	12.4	10.2	15.2

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#89

Benzo(k)fluoranthene

Concen: 5.478 ng m

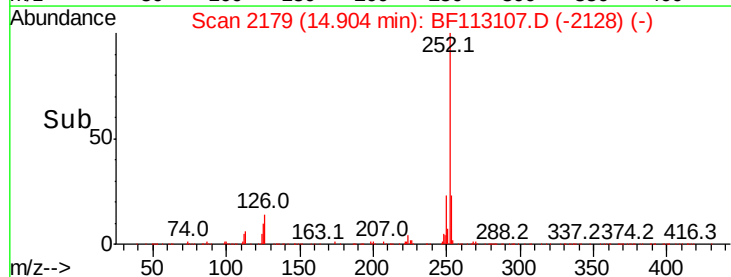
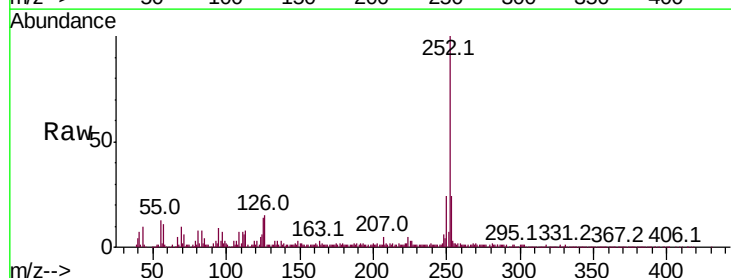
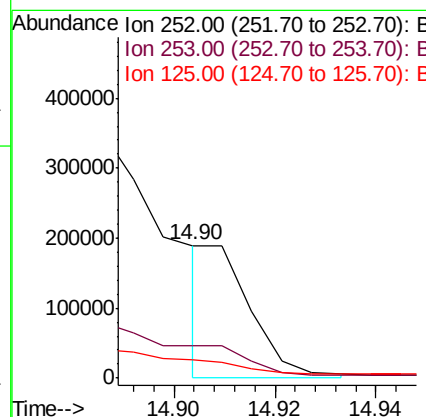
RT: 14.90 min Scan# 2179

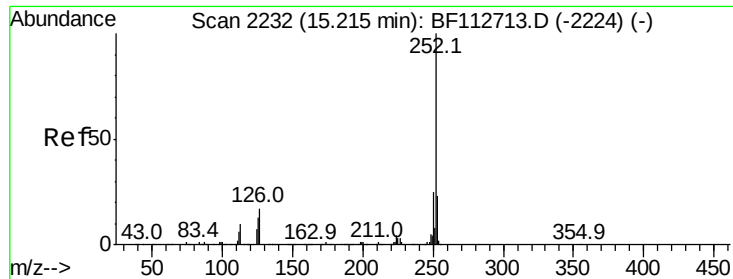
Delta R.T. -0.00 min

Lab File: BF113107.D

Acq: 18 Mar 2019 22:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	13.6	9.8	14.6





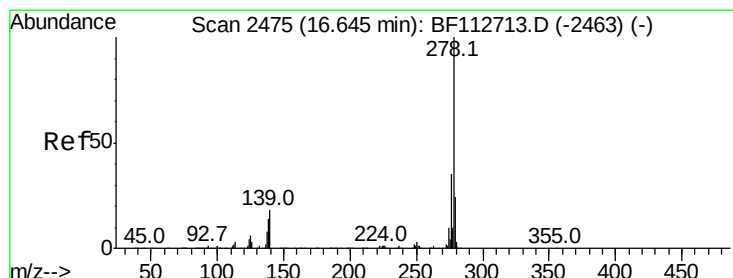
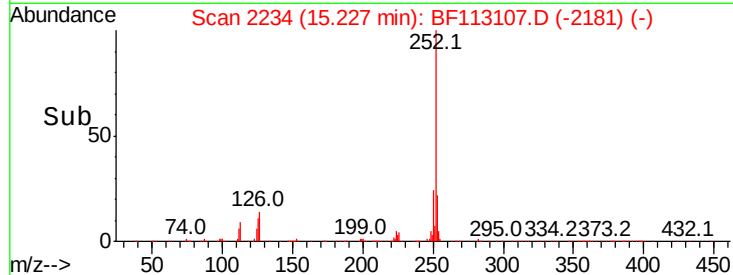
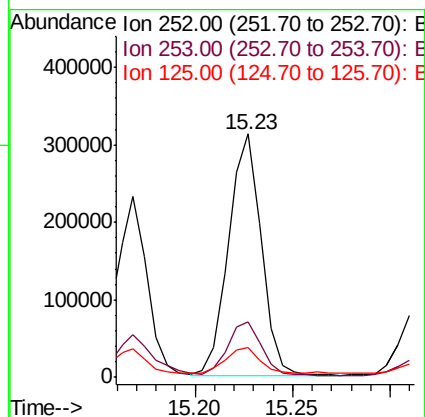
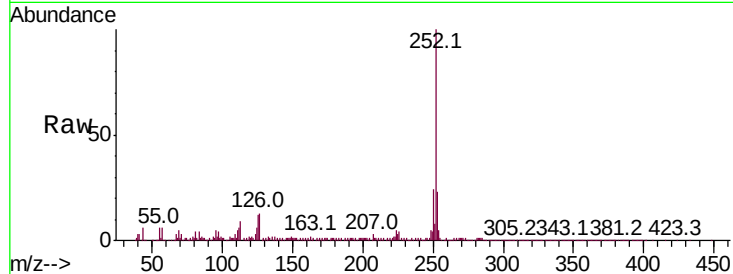
#90
Benzo(a)pyrene
Concen: 17.953 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Instrument :
BNA_F
ClientSampleId :
SB-16(0.5-1.5)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	12.0	10.7	16.1

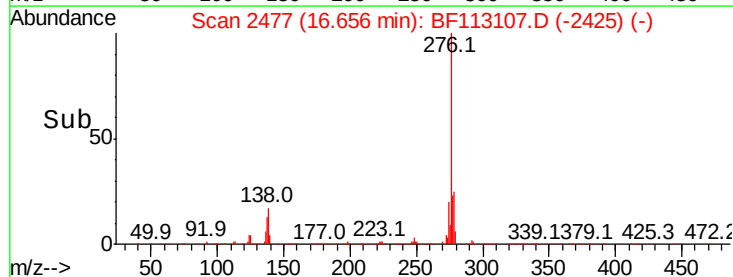
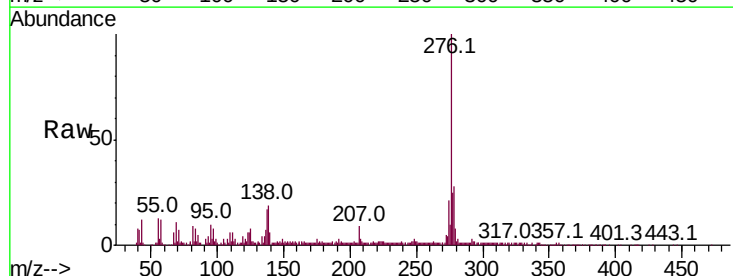
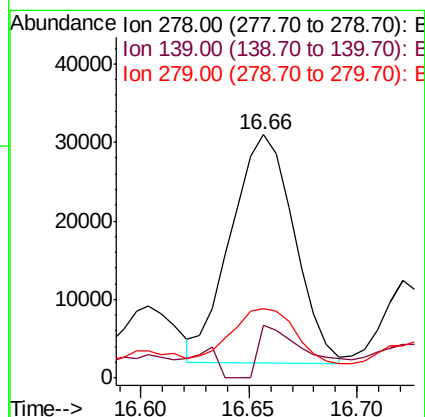
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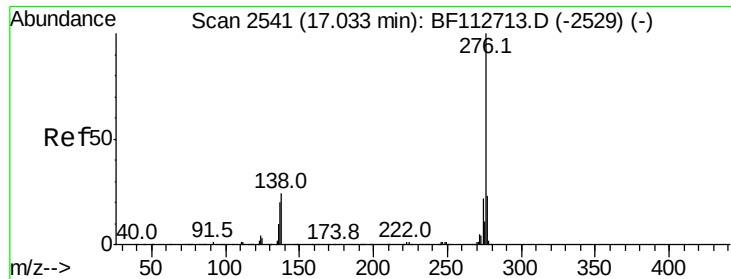
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#91
Dibenzo(a,h)anthracene
Concen: 3.417 ng m
RT: 16.66 min Scan# 2477
Delta R.T. 0.01 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.8	14.3	21.5#
279	28.8	19.4	29.0





#92
 Benzo(a,h,i)perylene
 Concen: 12.275 ng
 RT: 17.06 min Scan# 2546
 Delta R.T. 0.02 min
 Lab File: BF113107.D
 Acq: 18 Mar 2019 22:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-16(0.5-1.5)

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	27.8
138	19.6	19.4	29.0

Manual Integrations
 APPROVED

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 3/19/2019 5:10:16 PM

