

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
 Data File : BF113610.D
 Acq On : 5 Apr 2019 4:13
 Operator : JU/SJ
 Sample : K2240-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Manual Integrations
 APPROVED

Sohil
 4/6/2019 12:39:32 AM

Quant Time: Apr 05 10:20:16 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	6.69	152	118998	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	414297	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	174284	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	324940	20.00	ng	0.00
76) Chrysene-d12	13.83	240	205852	20.00	ng	-0.02
87) Perylene-d12	15.23	264	167370	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	800312	114.68	ng	0.00
7) Phenol-d6	6.34	99	1020300	118.63	ng	0.00
23) Nitrobenzene-d5	7.25	82	516942	73.09	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	231475	110.56	ng	-0.01
45) 2-Fluorobiphenyl	9.04	172	994293	91.84	ng	-0.01
79) Terphenyl-d14	12.77	244	866923	85.74	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.43	163	130087	10.126	ng	99
75) Fluoranthene	12.40	202	40739	2.355	ng	99
78) Pyrene	12.63	202	36408	2.324	ng	98
88) Benzo(b)fluoranthene	14.84	252	27567m	2.691	ng	
90) Benzo(a)pyrene	15.18	252	18504	2.033	ng	# 69

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

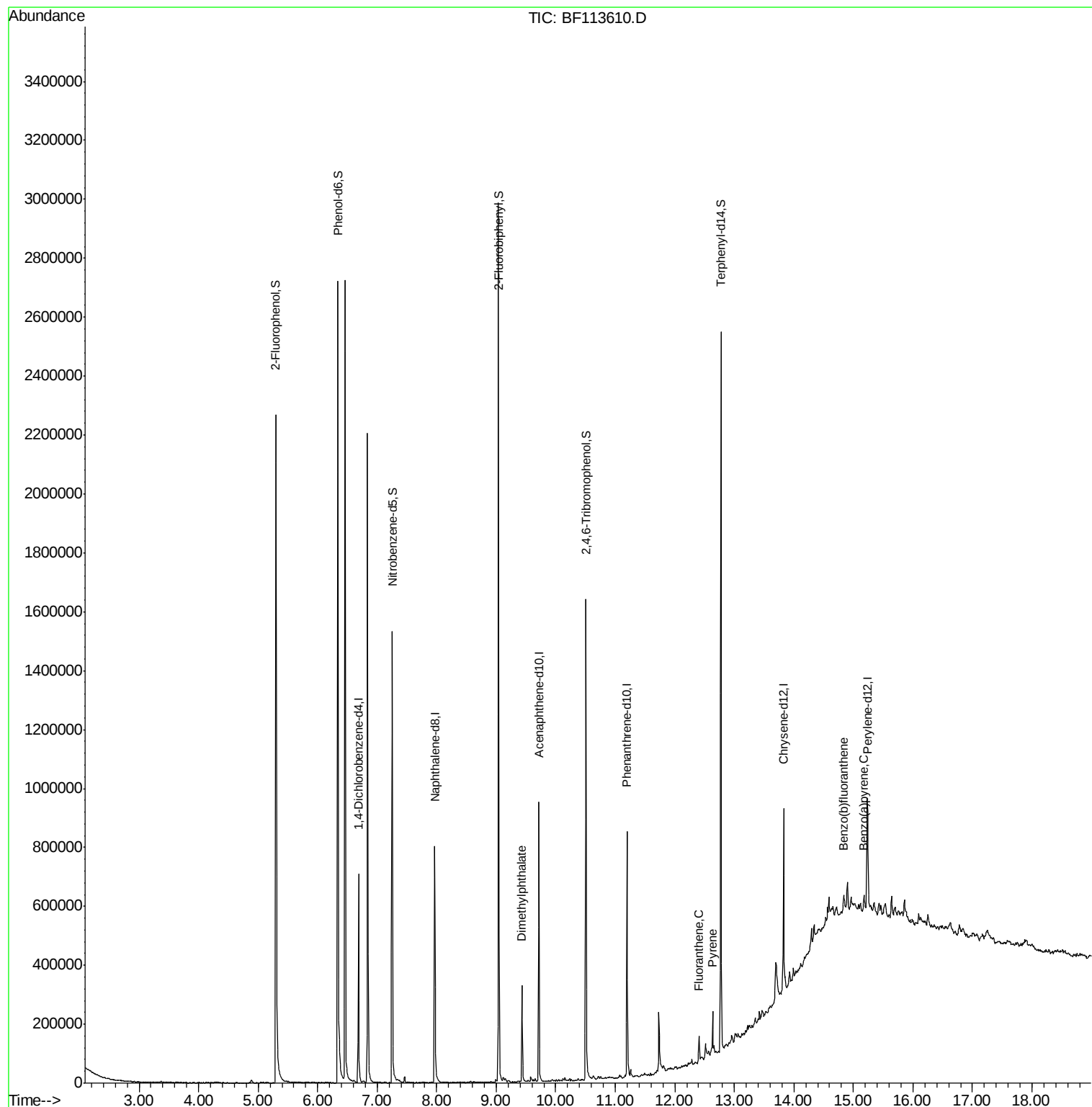
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113610.D
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#1

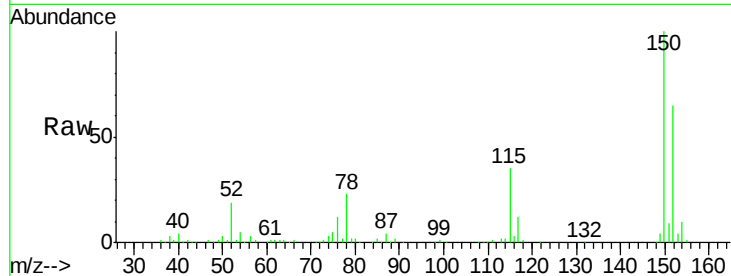
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF113610.D
Acq: 5 Apr 2019 4:13

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

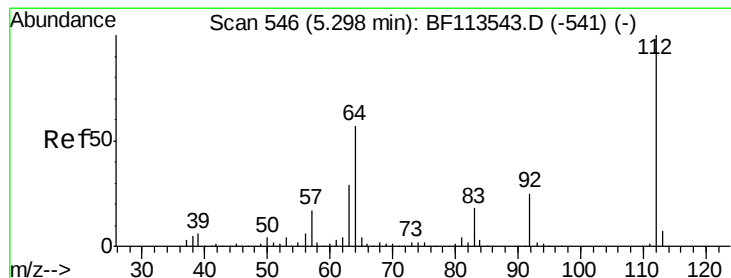
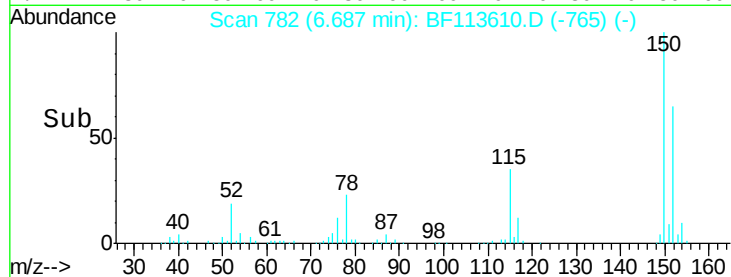
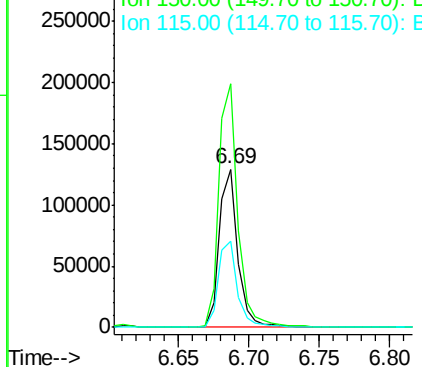
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.7	187.1
115	54.4	46.0	69.0

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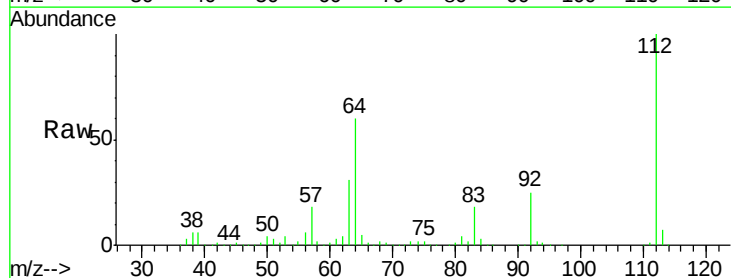
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



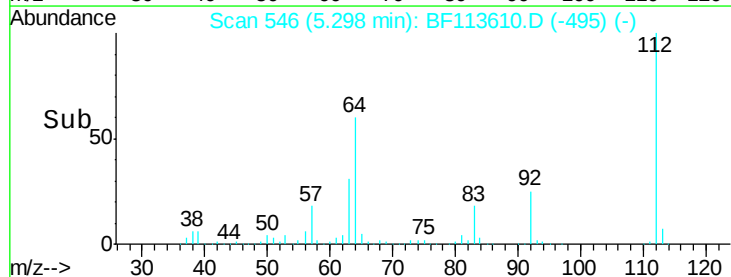
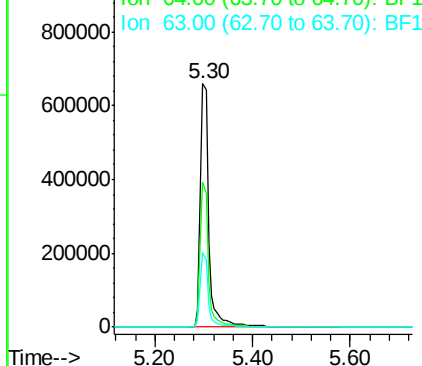
#5

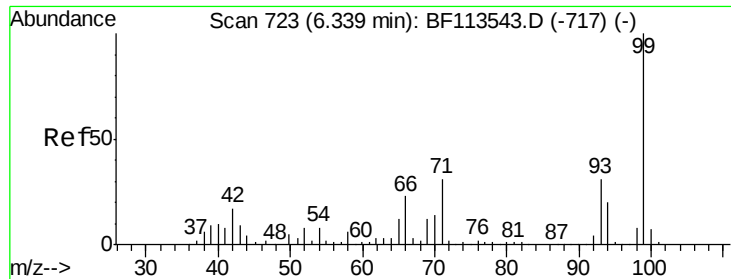
2-Fluorophenol
Concen: 114.684 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF113610.D
Acq: 5 Apr 2019 4:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	49.2	73.8
63	30.6	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: 118.627 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF113610.D

Acq: 5 Apr 2019 4:13

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

Tgt Ion: 99 Resp: 1020300

Ion Ratio Lower Upper

99 100

42 18.4 14.8 22.2

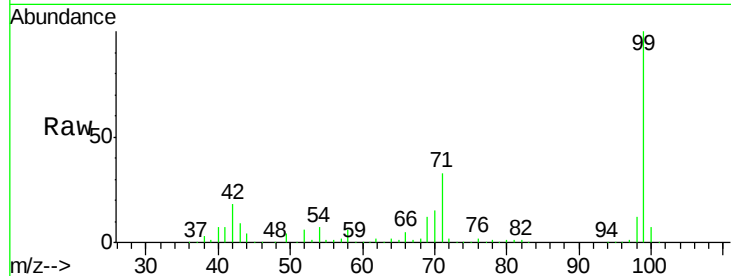
71 32.8 24.9 37.3

Manual Integrations

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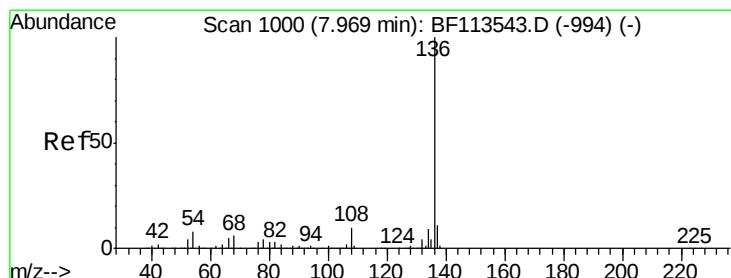
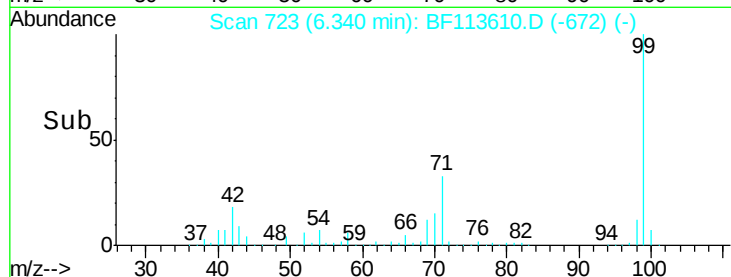
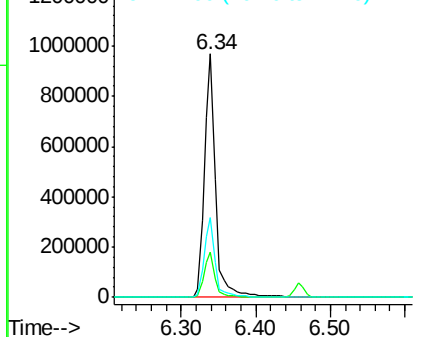
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 7.97 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF113610.D

Acq: 5 Apr 2019 4:13

Tgt Ion: 136 Resp: 414297

Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.4 7.0 10.6

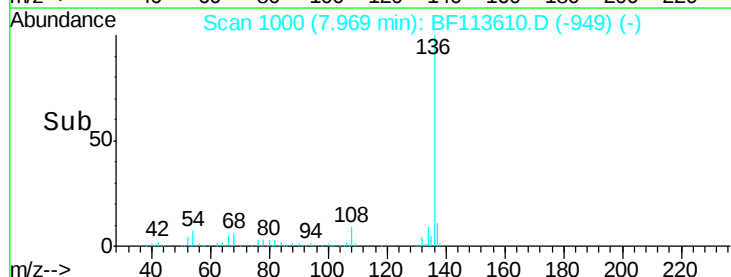
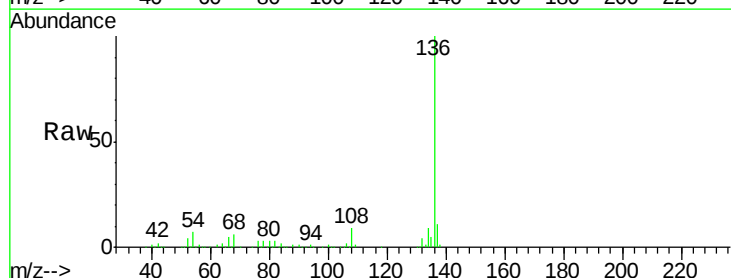
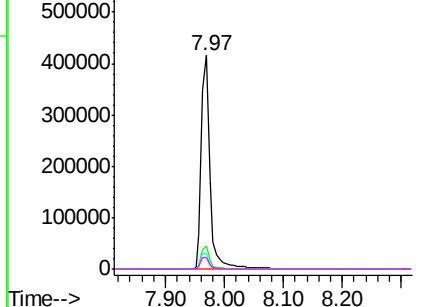
68 5.6 4.8 7.2

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





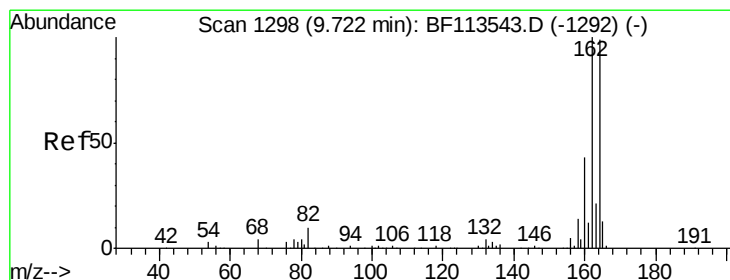
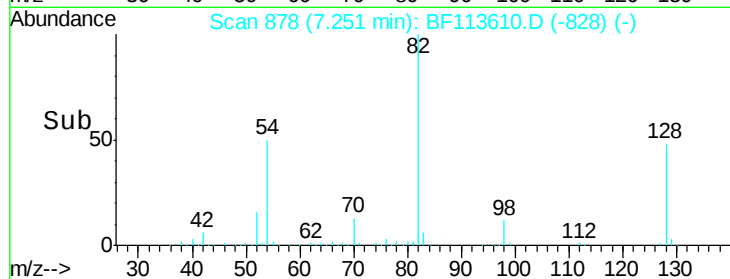
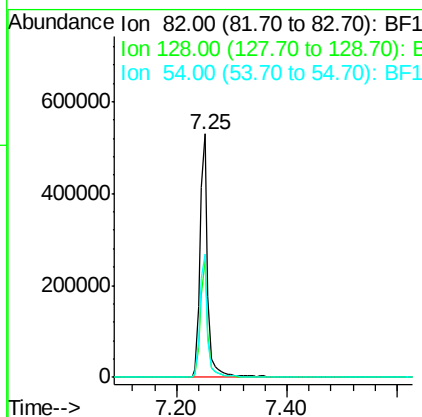
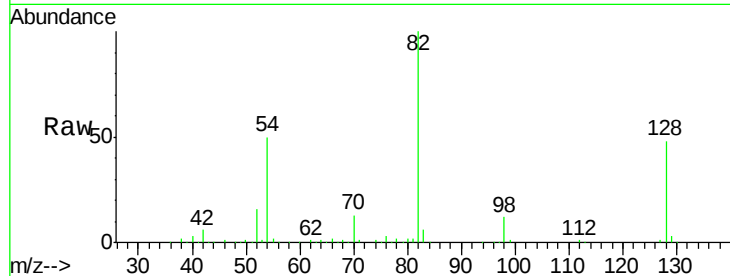
#23
 Nitrobenzene-d5
 Concen: 73.088 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF113610.D
 Acq: 5 Apr 2019 4:13

Instrument :
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 ClientSampleId :
 SB-03-COMP

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.5	54.7
54	50.5	42.2	63.2

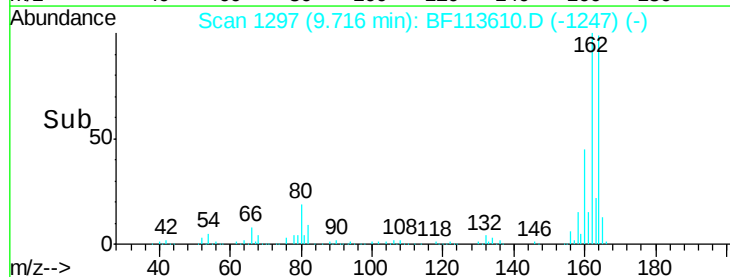
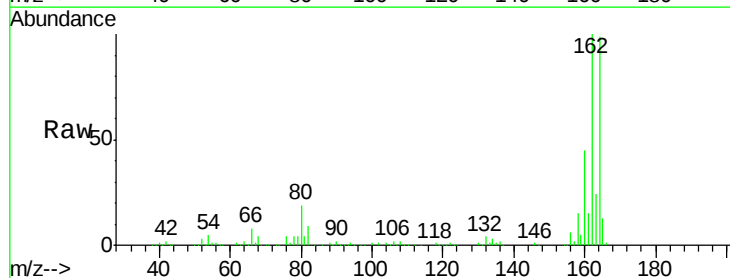
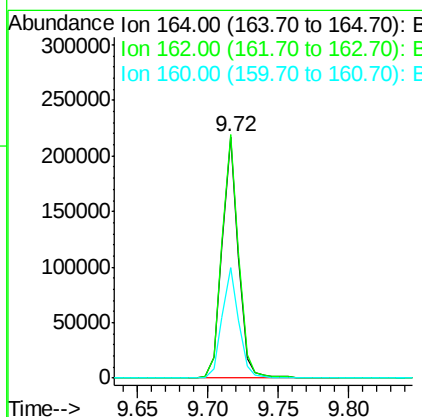
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF113610.D
 Acq: 5 Apr 2019 4:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.8	122.6
160	45.6	36.4	54.6





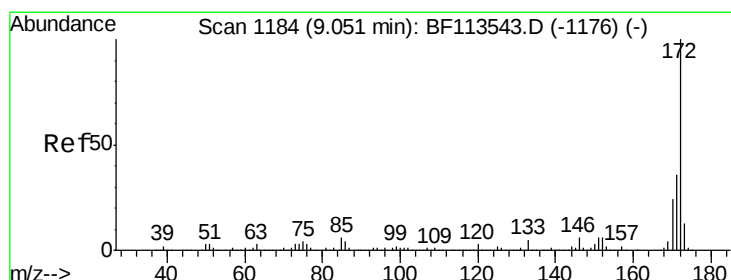
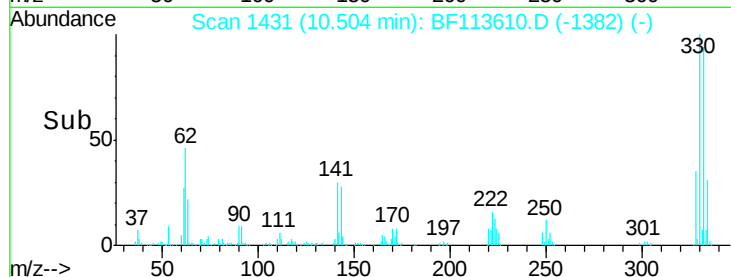
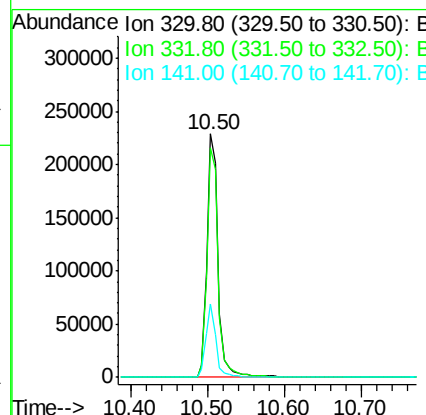
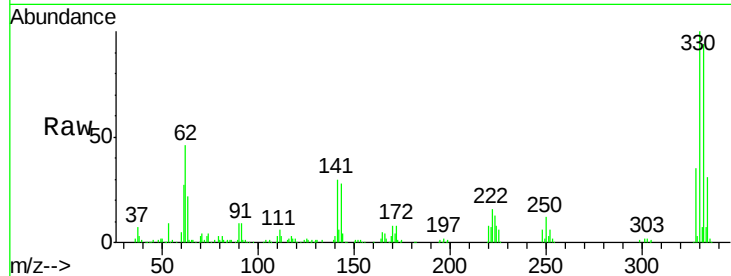
#42
 2,4,6-Tribromophenol
 Concen: 110.564 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113610.D
 Acq: 5 Apr 2019 4:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	231475		
332	95.5	77.8	116.6	
141	27.5	22.7	34.1	

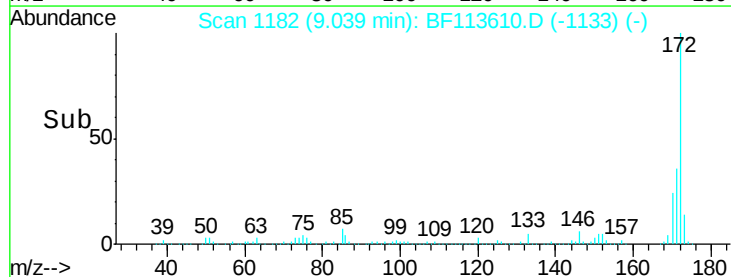
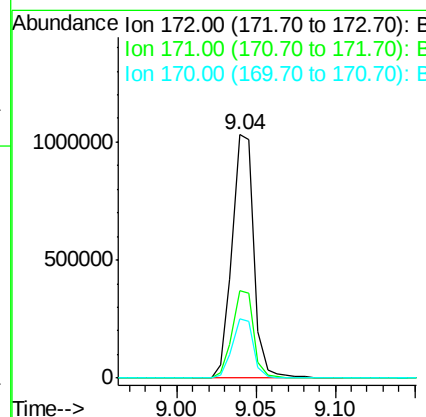
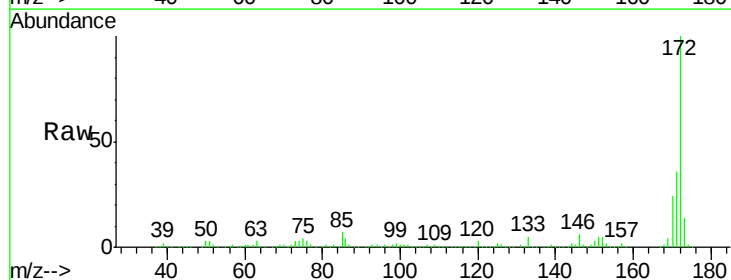
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#45
 2-Fluorobiphenyl
 Concen: 91.845 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113610.D
 Acq: 5 Apr 2019 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	994293		
171	35.8	29.0	43.6	
170	24.2	19.5	29.3	





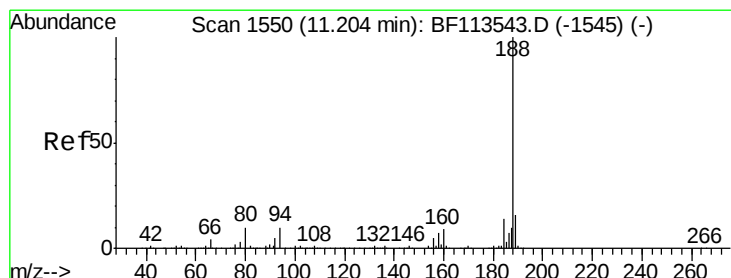
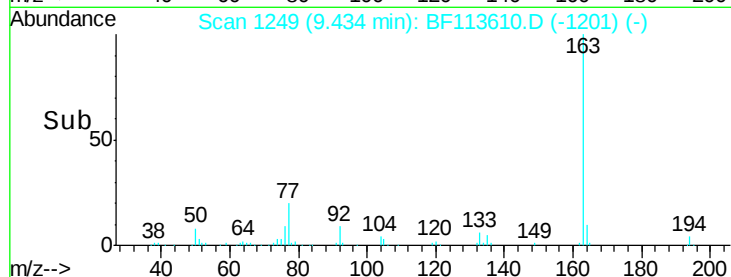
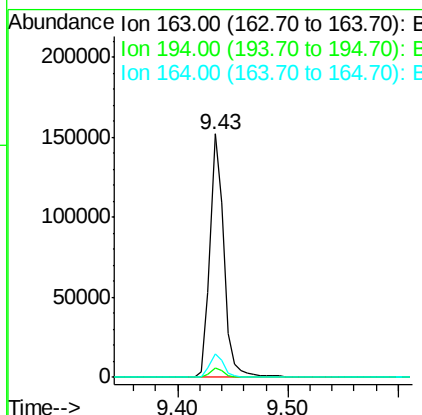
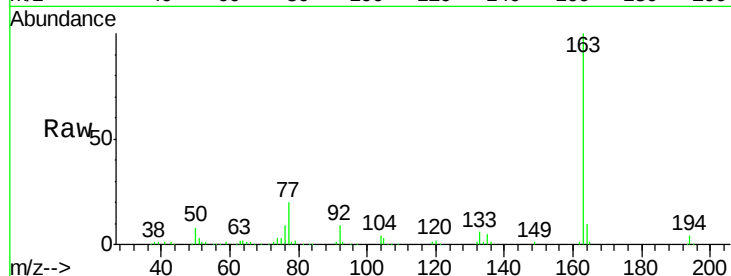
#50
Dimethylphthalate
Concen: 10.126 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF113610.D
Acq: 5 Apr 2019 4:13

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
163	100	130087		
194	3.7	3.0	4.6	
164	9.7	8.1	12.1	

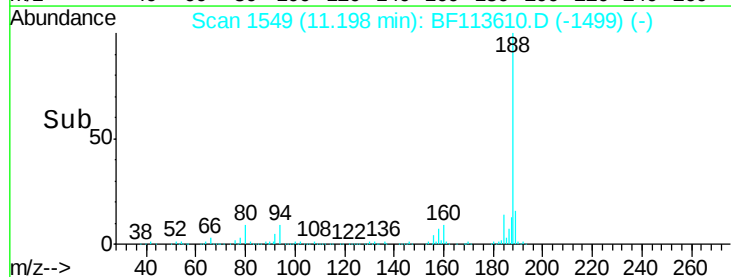
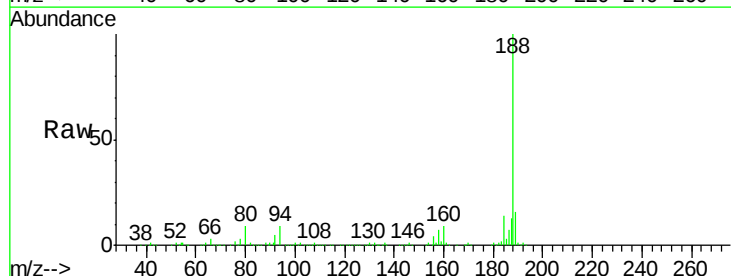
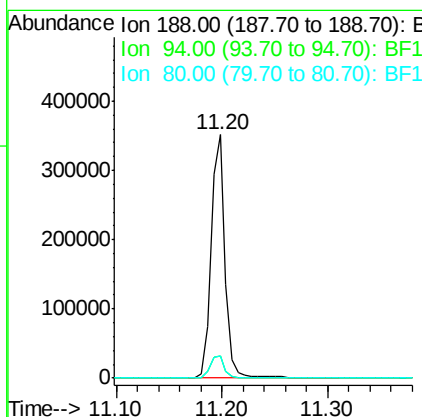
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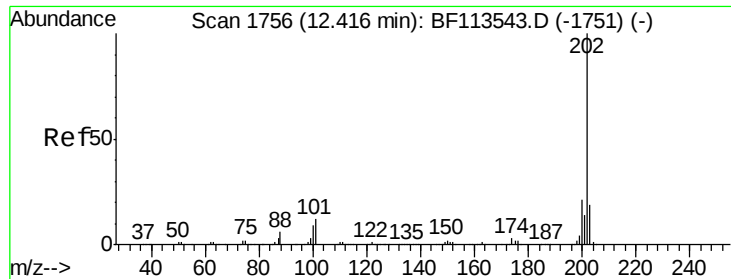
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF113610.D
Acq: 5 Apr 2019 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	324940		
94	8.9	7.0	10.6	
80	9.2	7.7	11.5	





#75

Fluoranthene

Concen: 2.355 ng

RT: 12.40 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF113610.D

Acq: 5 Apr 2019 4:13

Instrument :

BNA_F

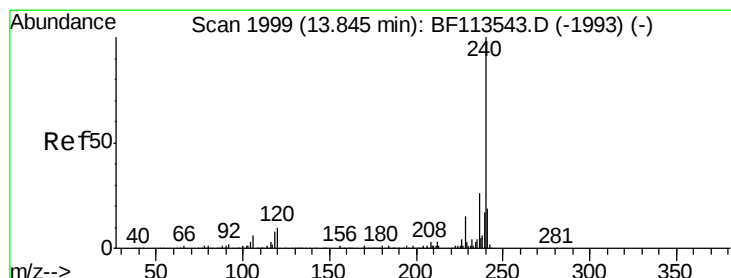
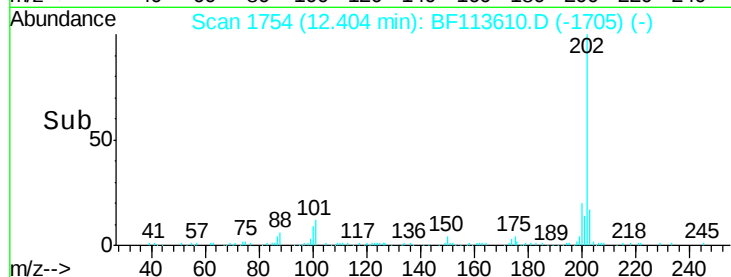
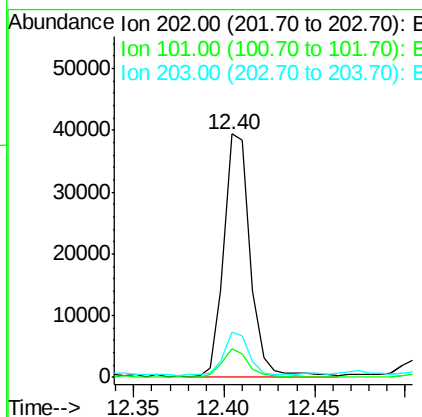
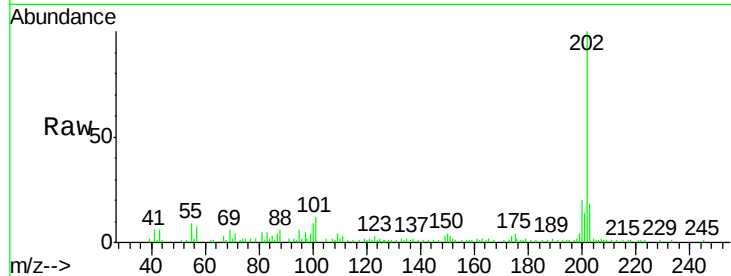
ClientSampleId :

SB-03-COMP

Tgt Ion:	202	Resp:	40739
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	31.4
203	18.3	0.0	38.0

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#76

Chrysene-d12

Concen: 20.000 ng

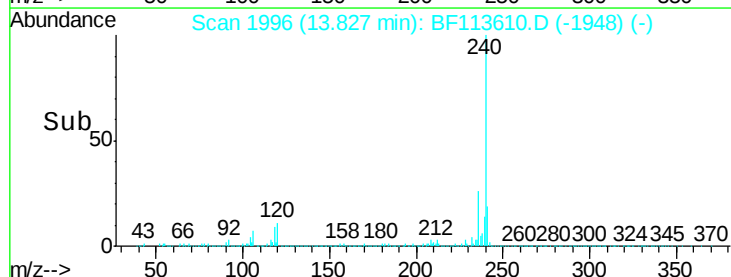
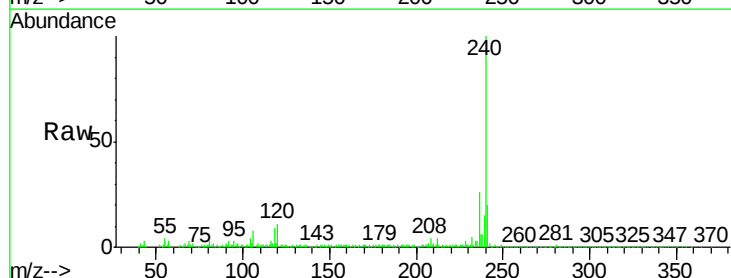
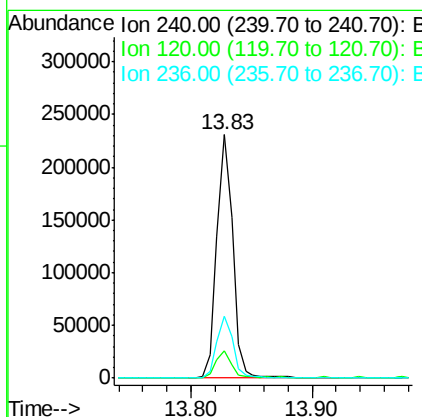
RT: 13.83 min Scan# 1996

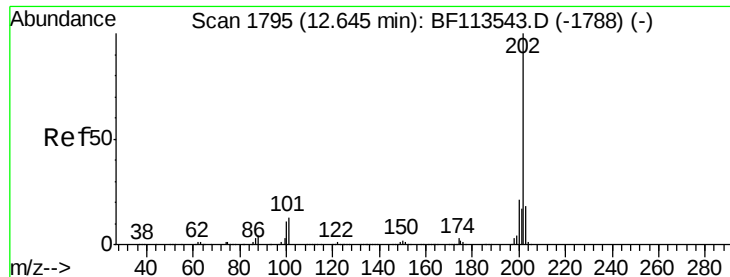
Delta R.T. -0.02 min

Lab File: BF113610.D

Acq: 5 Apr 2019 4:13

Tgt Ion:	240	Resp:	205852
Ion Ratio	Lower	Upper	
240	100		
120	11.3	8.8	13.2
236	25.7	20.9	31.3





#78

Pyrene

Concen: 2.324 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF113610.D

Acq: 5 Apr 2019 4:13

Instrument :

BNA_F

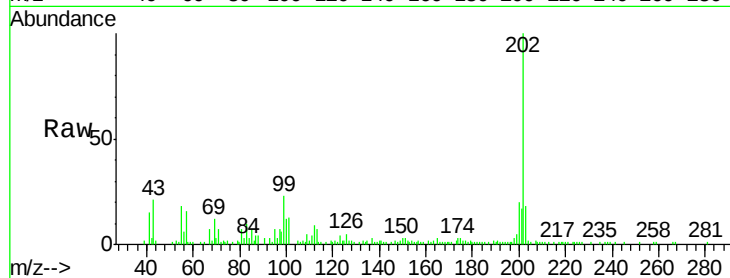
ClientSampleId :

SB-03-COMP

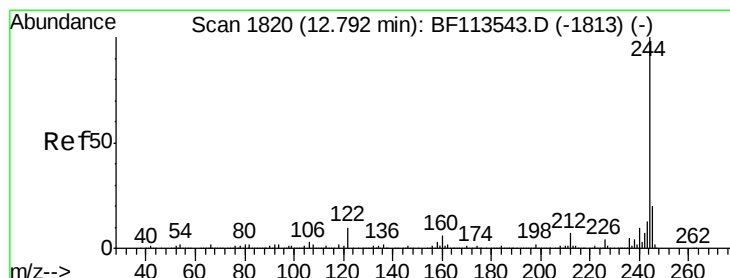
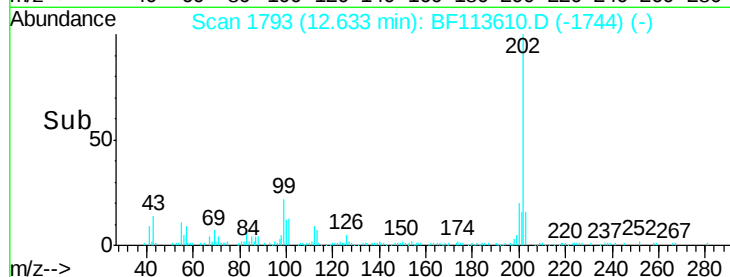
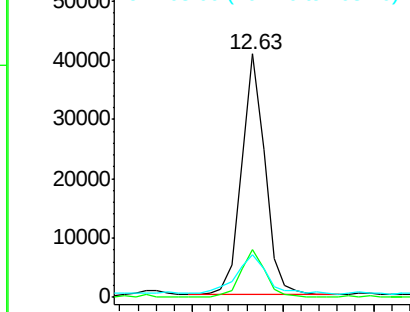
Tgt Ion:	202	Resp:	36408
Ion Ratio	Lower	Upper	
202	100		
200	19.6	16.8	25.2
203	17.6	14.4	21.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 85.745 ng

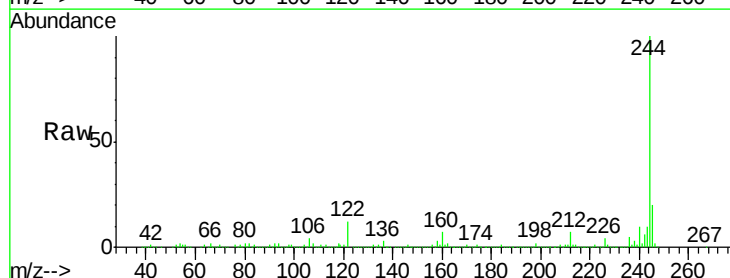
RT: 12.77 min Scan# 1817

Delta R.T. -0.02 min

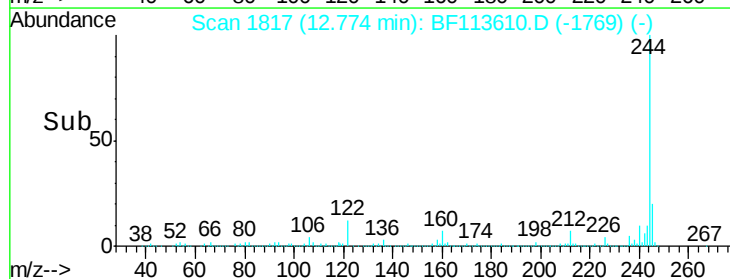
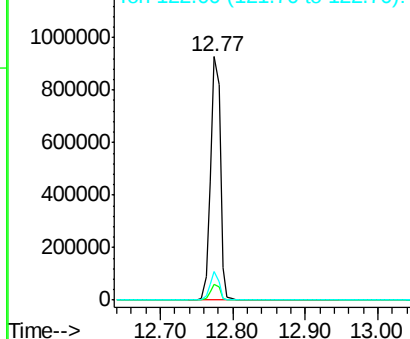
Lab File: BF113610.D

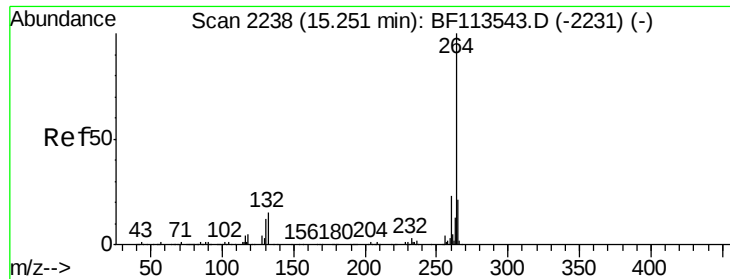
Acq: 5 Apr 2019 4:13

Tgt Ion:	244	Resp:	866923
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.5	8.3
122	11.7	8.6	13.0



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





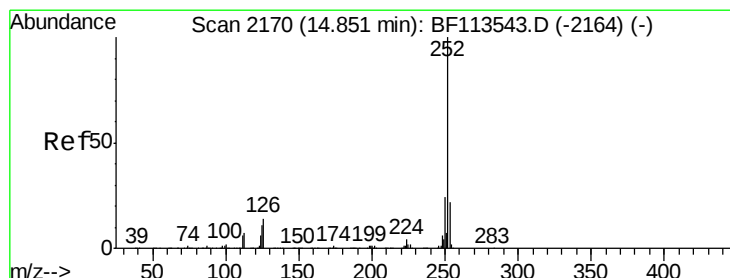
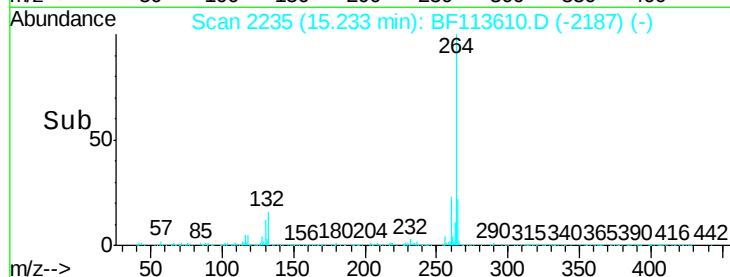
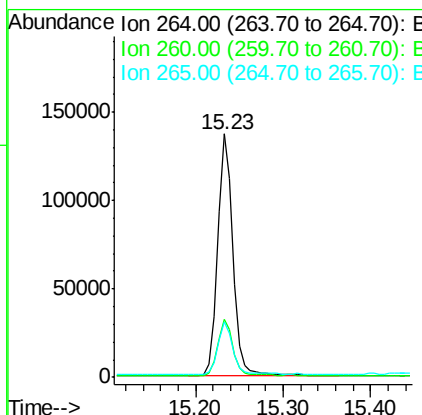
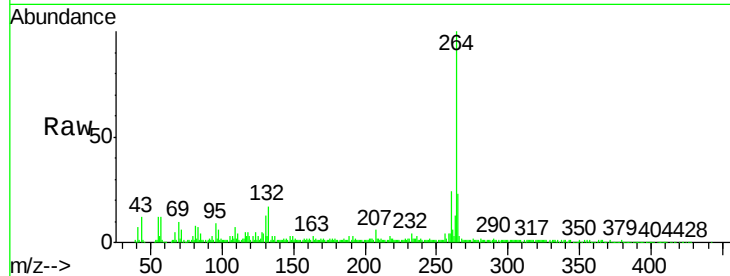
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BF113610.D
Acq: 5 Apr 2019 4:13

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	22.6	17.1	25.7

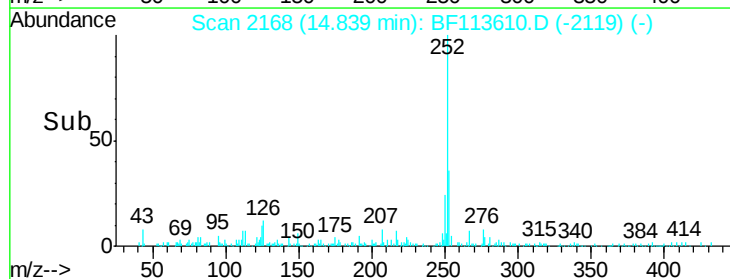
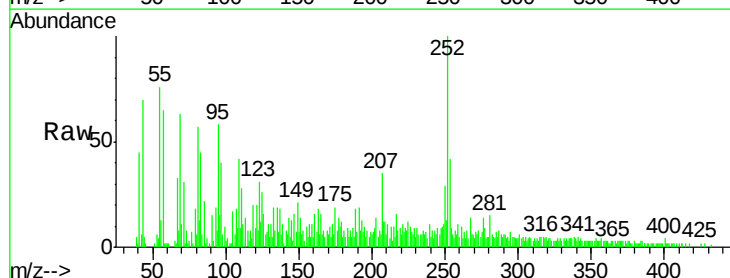
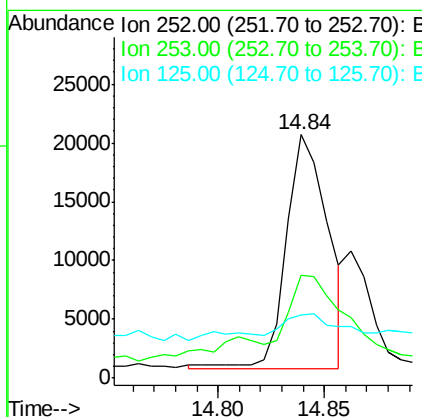
Manual Integrations
APPROVED

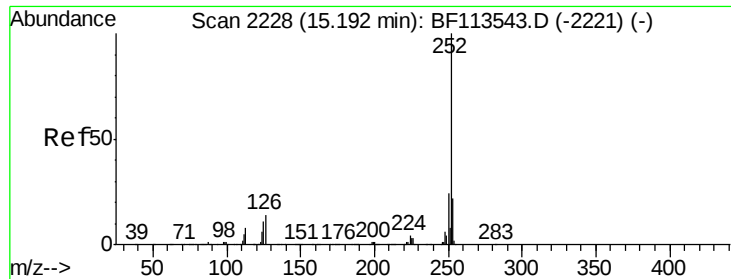
Sohil
4/6/2019 12:39:32 AM



#88
Benzo(b)fluoranthene
Concen: 2.691 ng m
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF113610.D
Acq: 5 Apr 2019 4:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	42.1	18.0	27.0#
125	26.2	7.6	11.4#





#90
 Benzo(a)pyrene
 Concen: 2.033 ng
 RT: 15.18 min Scan# 2226
 Delta R.T. -0.01 min
 Lab File: BF113610.D
 Acq: 5 Apr 2019 4:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.1	17.9	26.9#
125	31.0	8.8	13.2#

Manual Integrations
 APPROVED

Sohil
 4/6/2019 12:39:32 AM

