

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
 Data File : BF113609.D
 Acq On : 5 Apr 2019 3:45
 Operator : JU/SJ
 Sample : K2240-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-(0-6)

Manual Integrations
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Sohil
 4/6/2019 12:39:22 AM

Quant Time: Apr 05 07:34:51 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	119196	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	412009	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	171547	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	325321	20.00	ng	0.00
76) Chrysene-d12	13.83	240	204249	20.00	ng	-0.02
87) Perylene-d12	15.23	264	167027	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	674538	96.50	ng	0.00
7) Phenol-d6	6.34	99	857002	99.48	ng	0.00
23) Nitrobenzene-d5	7.25	82	407754	57.97	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	189044	91.74	ng	-0.01
45) 2-Fluorobiphenyl	9.04	172	809285	75.95	ng	-0.01
79) Terphenyl-d14	12.77	244	717281	71.50	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.43	163	111756	8.838	ng	99
75) Fluoranthene	12.40	202	54737	3.160	ng	97
78) Pyrene	12.63	202	48122	3.096	ng	98
81) Benzo(a)anthracene	13.82	228	24489	2.078	ng	93
83) Chrysene	13.85	228	25906m	2.169	ng	
88) Benzo(b)fluoranthene	14.84	252	32842m	3.212	ng	
90) Benzo(a)pyrene	15.18	252	20363	2.241	ng	# 71

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

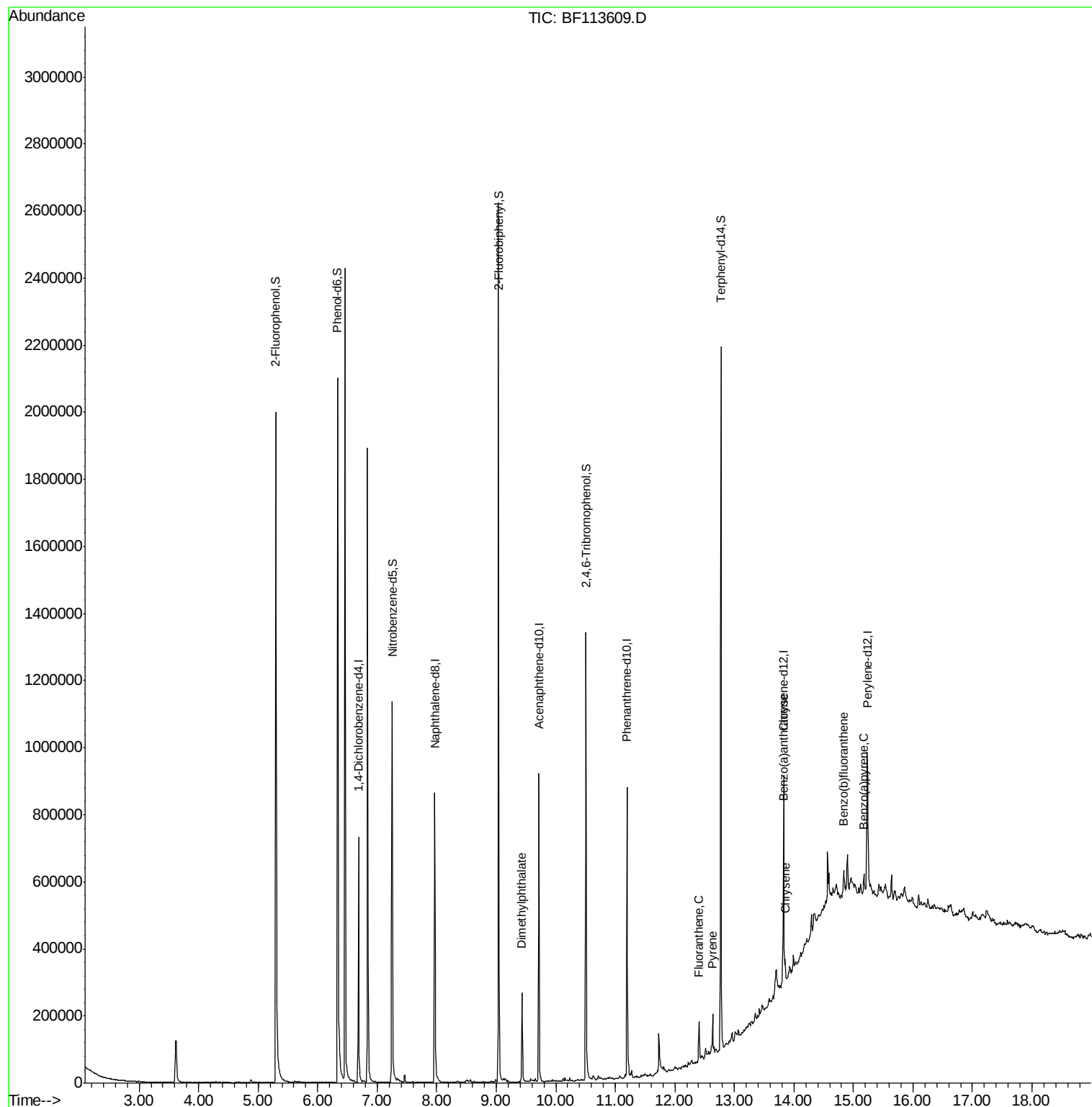
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
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#1

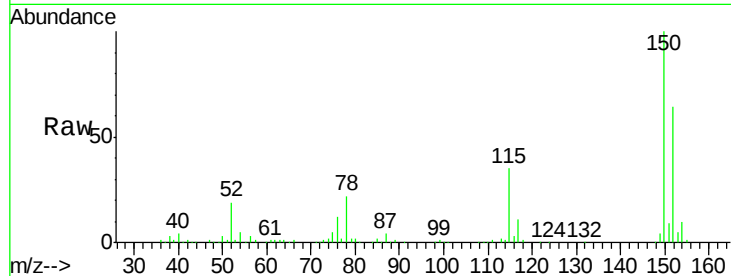
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF113609.D
Acq: 5 Apr 2019 3:45

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-6)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.7	187.1
115	54.8	46.0	69.0

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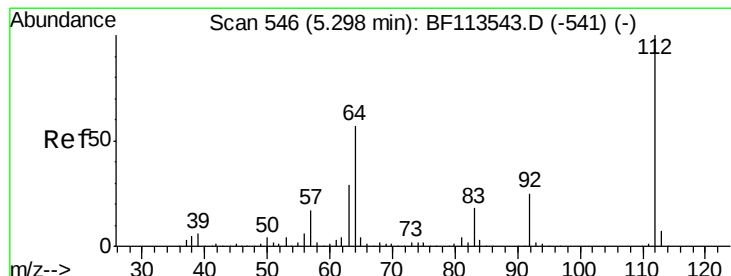
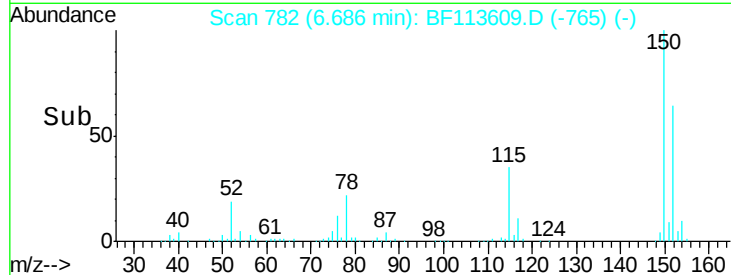
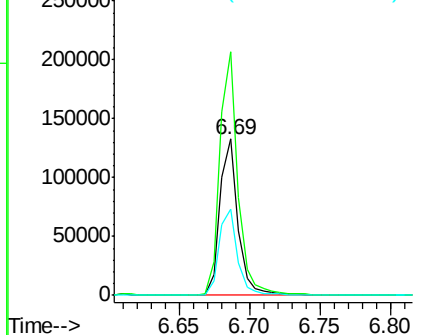


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

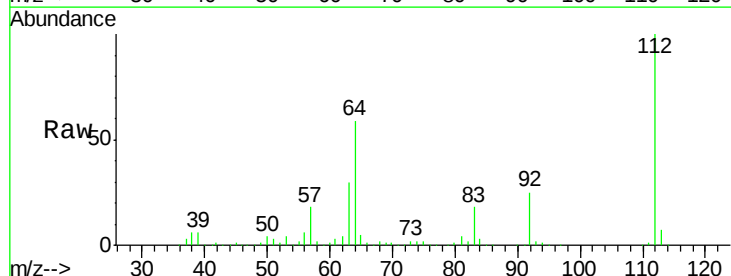
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 96.500 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF113609.D
Acq: 5 Apr 2019 3:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	49.2	73.8
63	30.3	24.9	37.3

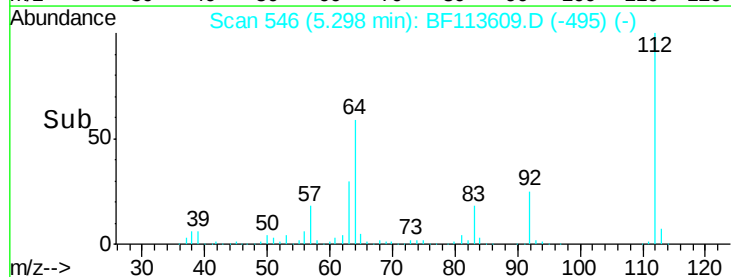
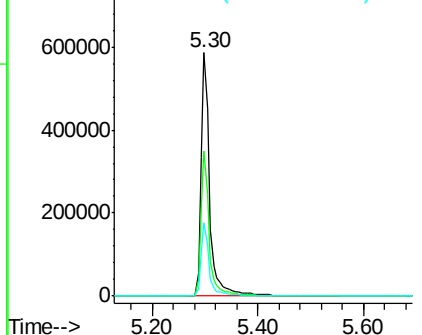


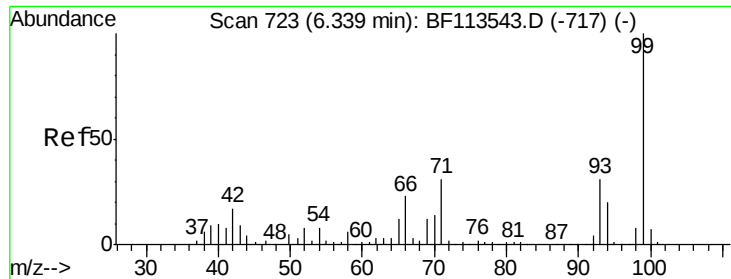
Abundance

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: 99.475 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF113609.D

Acq: 5 Apr 2019 3:45

Instrument :

BNA_F

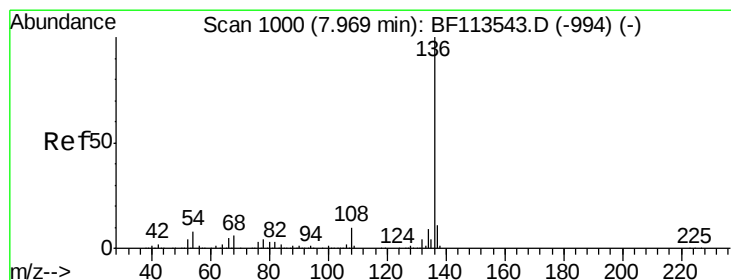
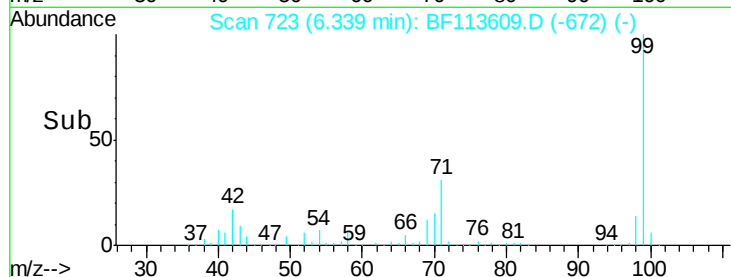
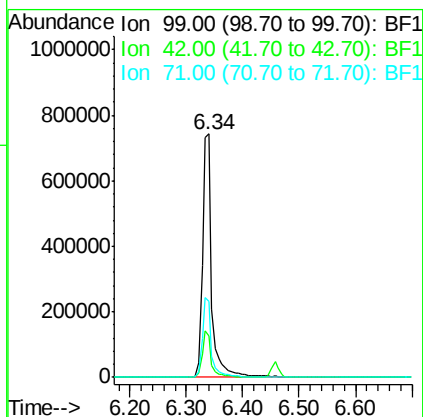
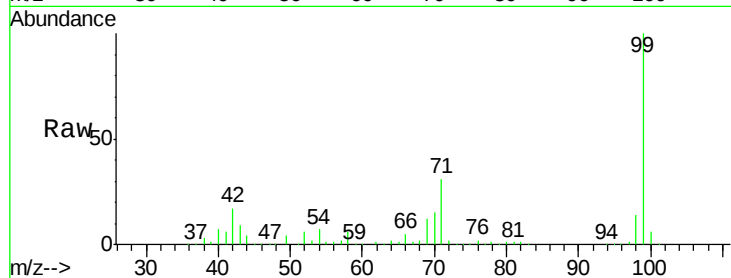
ClientSampleId :

SB-03-(0-6)

Tgt Ion:	99	Resp:	857002
Ion Ratio	Lower	Upper	
99	100		
42	17.1	14.8	22.2
71	30.9	24.9	37.3

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#21

Naphthalene-d8

Concen: 20.000 ng

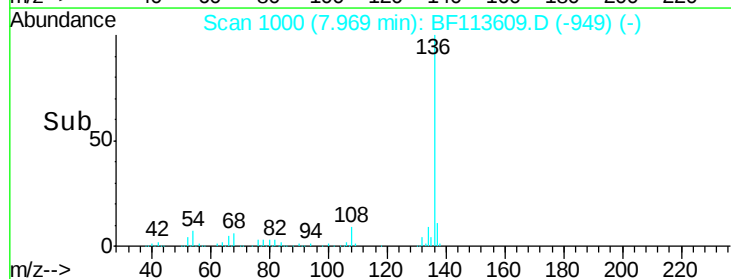
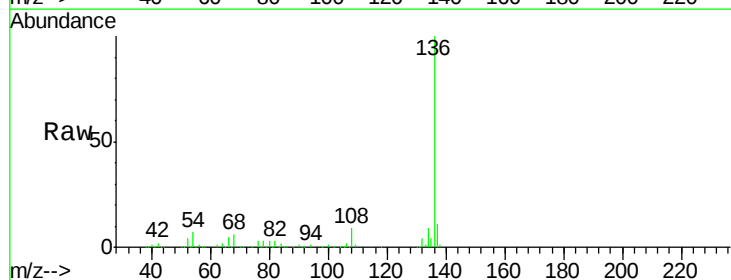
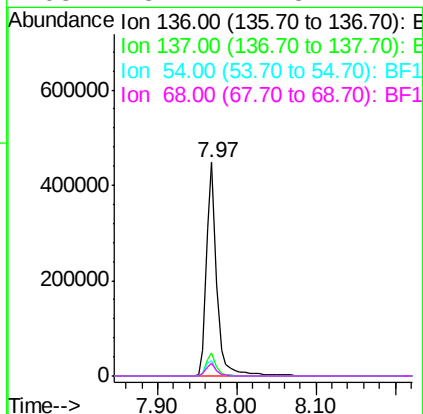
RT: 7.97 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BF113609.D

Acq: 5 Apr 2019 3:45

Tgt Ion:	136	Resp:	412009
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.9	13.3
54	7.5	7.0	10.6
68	5.7	4.8	7.2





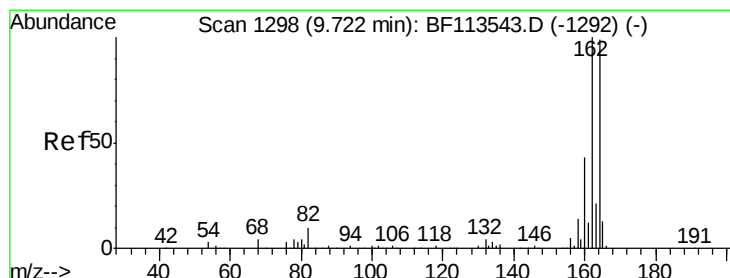
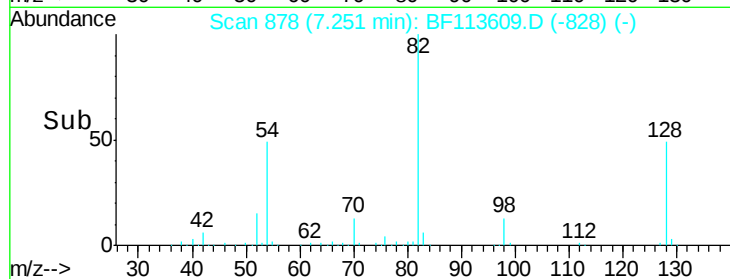
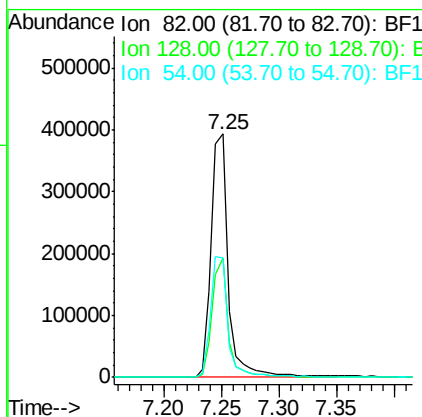
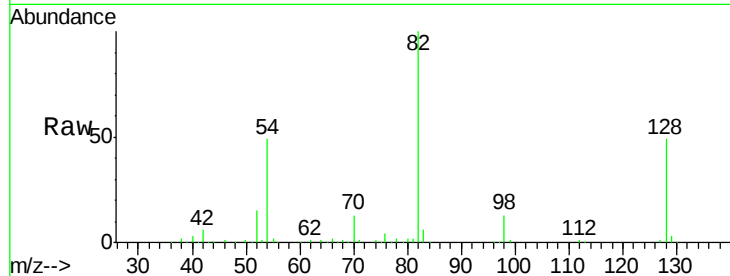
#23
 Nitrobenzene-d5
 Concen: 57.970 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF113609.D
 Acq: 5 Apr 2019 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-(0-6)

Tgt Ion: 82 Resp: 407754
 Ion Ratio Lower Upper
 82 100
 128 49.2 36.5 54.7
 54 49.0 42.2 63.2

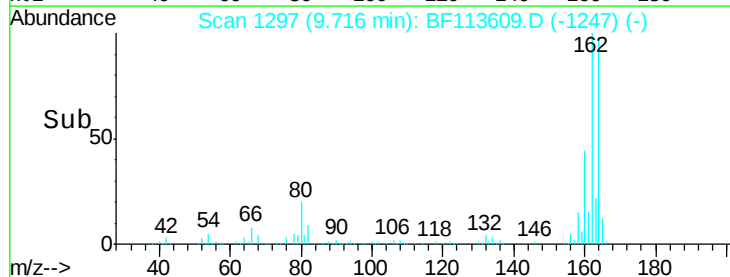
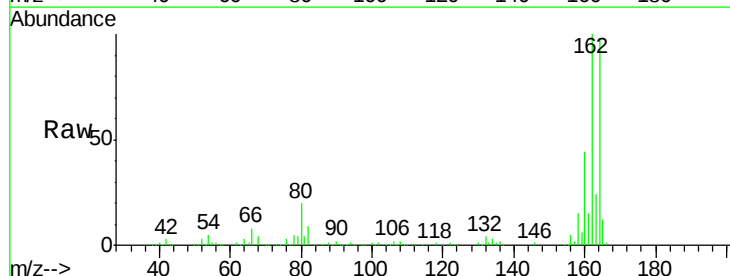
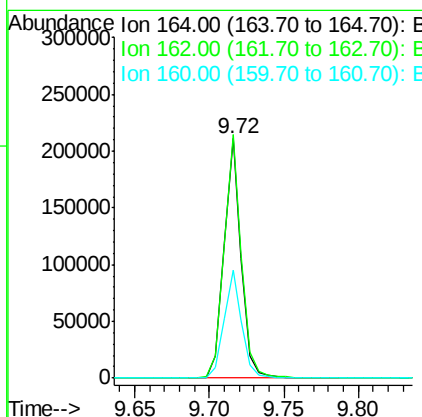
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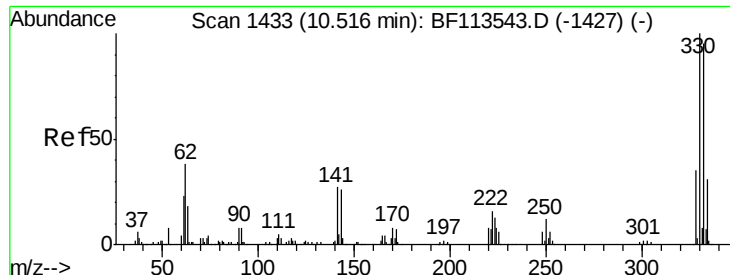
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF113609.D
 Acq: 5 Apr 2019 3:45

Tgt Ion: 164 Resp: 171547
 Ion Ratio Lower Upper
 164 100
 162 101.7 81.8 122.6
 160 45.2 36.4 54.6





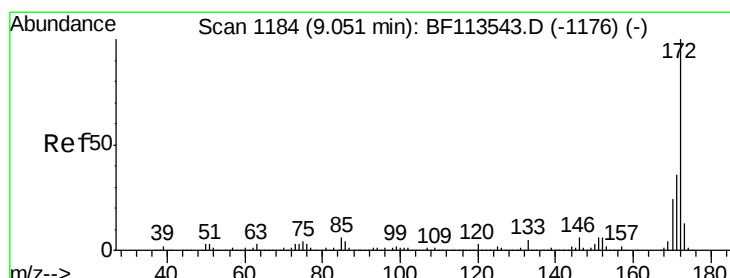
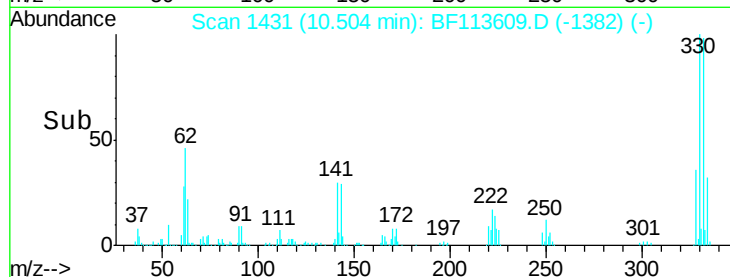
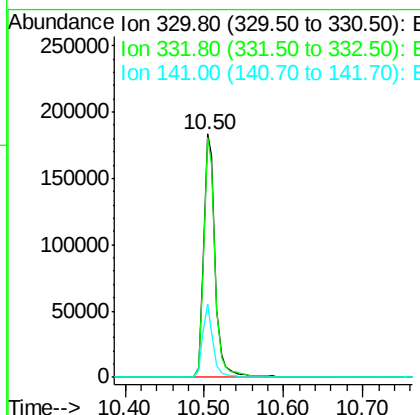
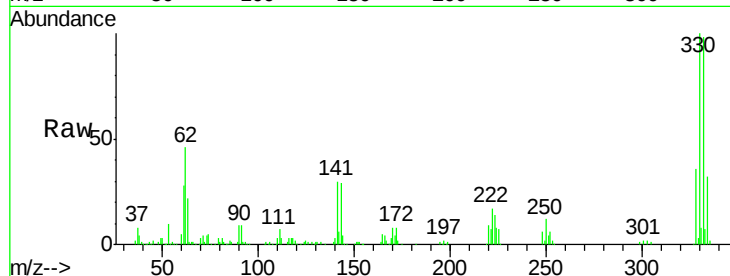
#42
 2,4,6-Tribromophenol
 Concen: 91.738 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113609.D
 Acq: 5 Apr 2019 3:45

Instrument :
 BNA_F
 ClientSampled :
 SB-03-(0-6)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	189044		
332	95.9	77.8	116.6	
141	27.5	22.7	34.1	

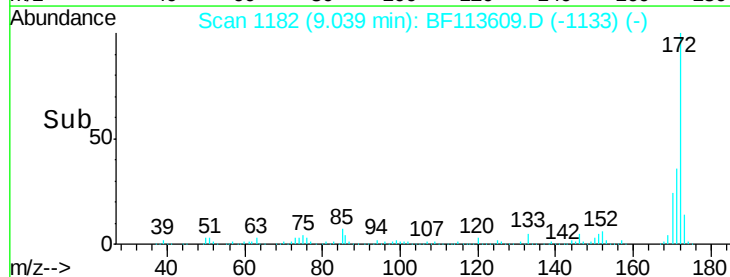
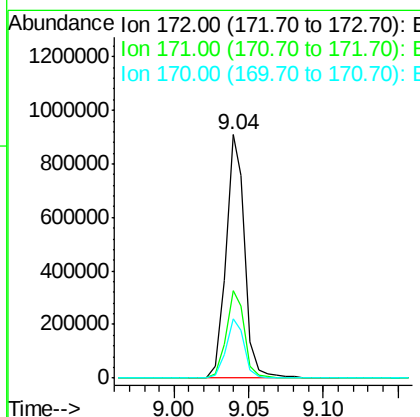
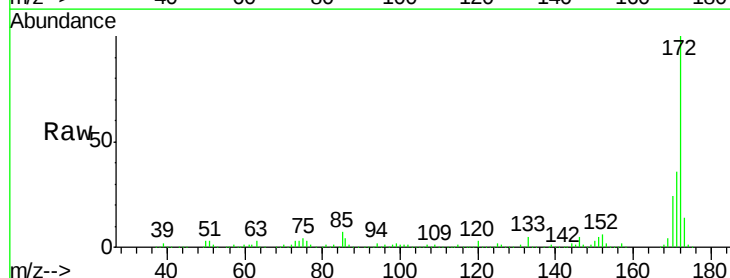
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#45
 2-Fluorobiphenyl
 Concen: 75.948 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113609.D
 Acq: 5 Apr 2019 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	809285		
171	36.1	29.0	43.6	
170	24.1	19.5	29.3	





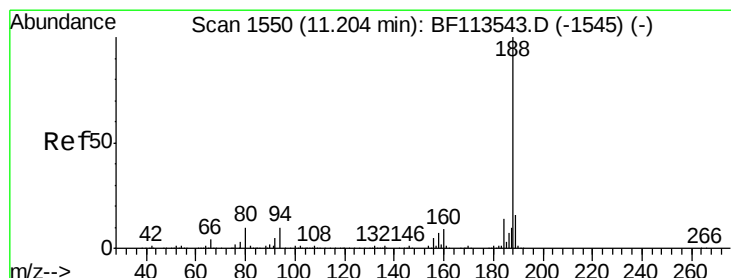
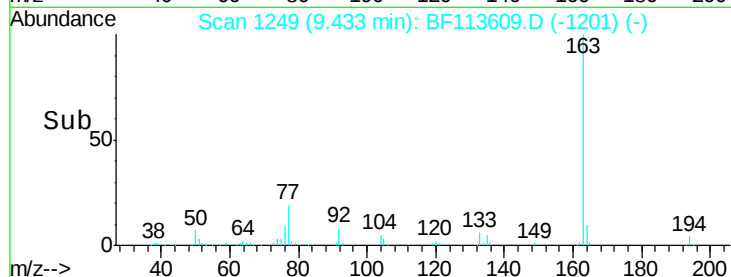
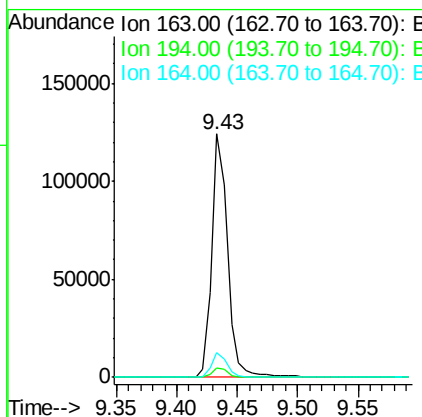
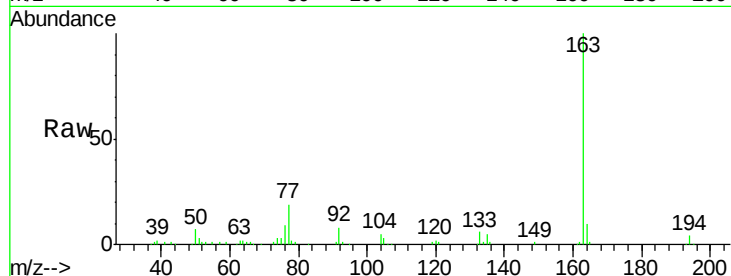
#50
Dimethylphthalate
Concen: 8.838 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF113609.D
Acq: 5 Apr 2019 3:45

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-6)

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.6	3.0	4.6
164	10.3	8.1	12.1

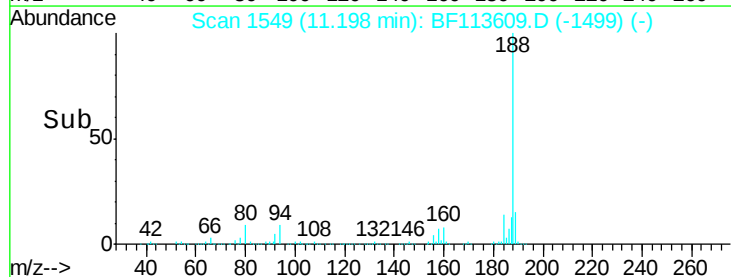
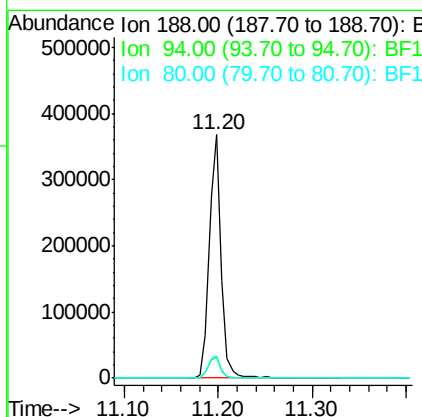
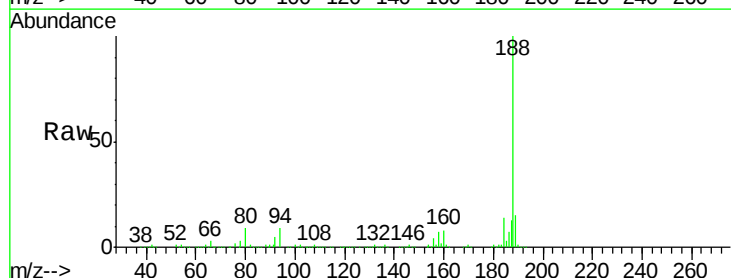
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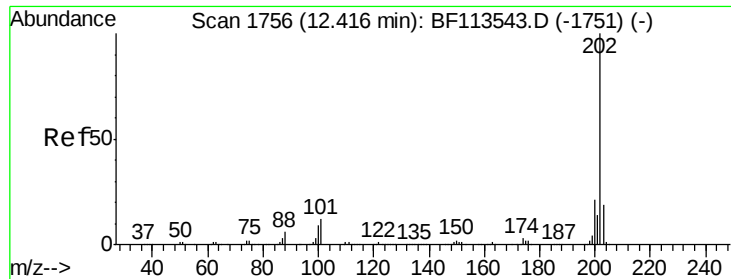
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF113609.D
Acq: 5 Apr 2019 3:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.8	7.0	10.6
80	9.1	7.7	11.5





#75

Fluoranthene

Concen: 3.160 ng

RT: 12.40 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF113609.D

Acq: 5 Apr 2019 3:45

Instrument :

BNA_F

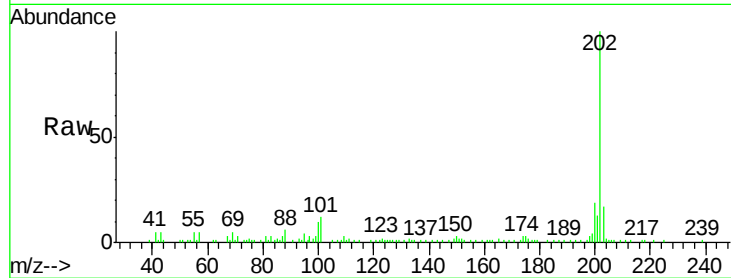
ClientSampleId :

SB-03-(0-6)

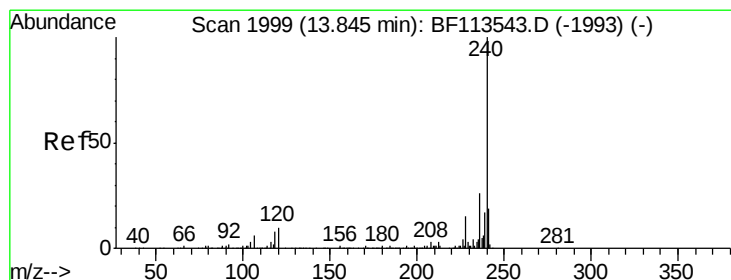
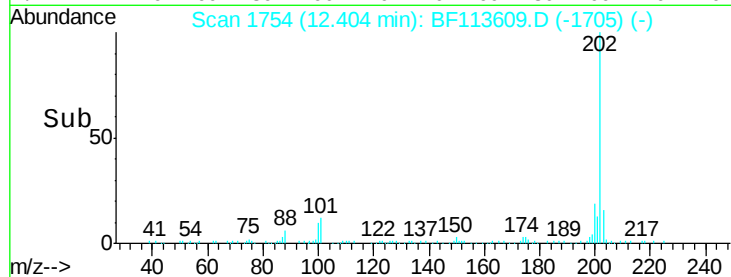
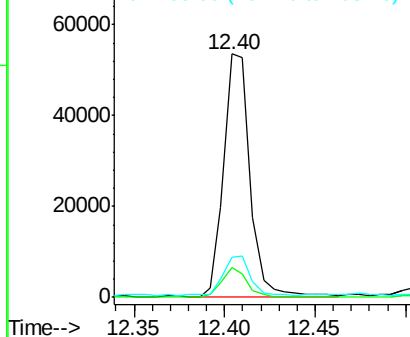
Tgt Ion:	202	Resp:	54737
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	31.4
203	16.7	0.0	38.0

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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

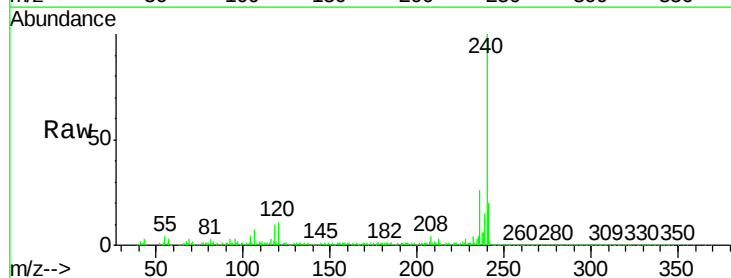
RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

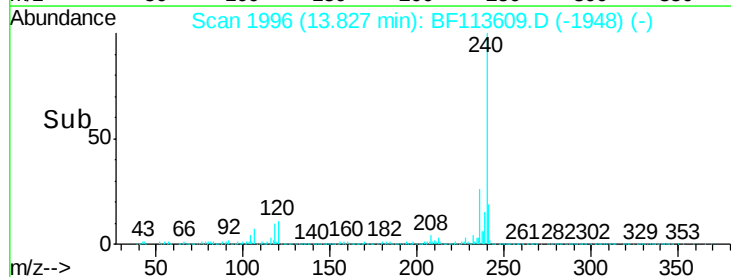
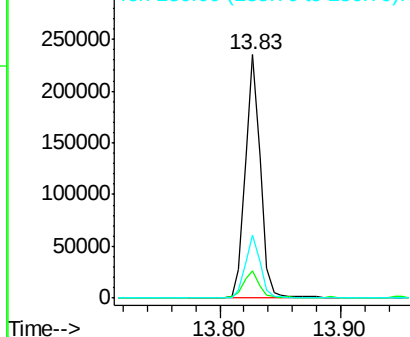
Lab File: BF113609.D

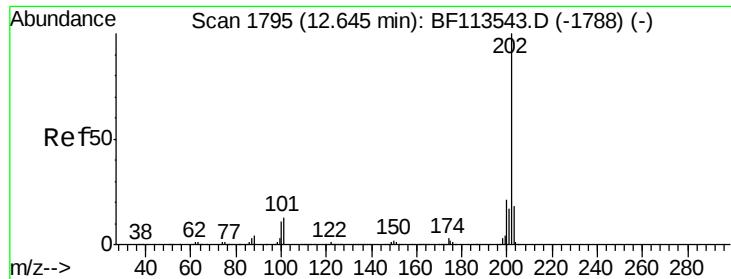
Acq: 5 Apr 2019 3:45

Tgt Ion:	240	Resp:	204249
Ion Ratio	Lower	Upper	
240	100		
120	11.2	8.8	13.2
236	25.9	20.9	31.3



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





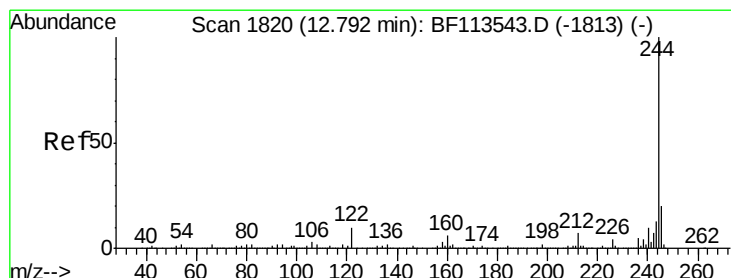
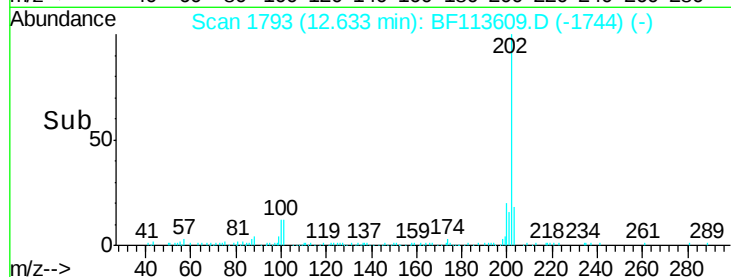
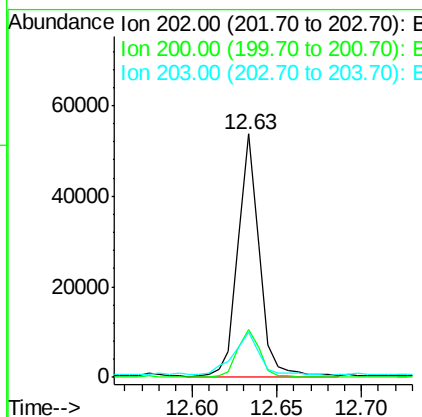
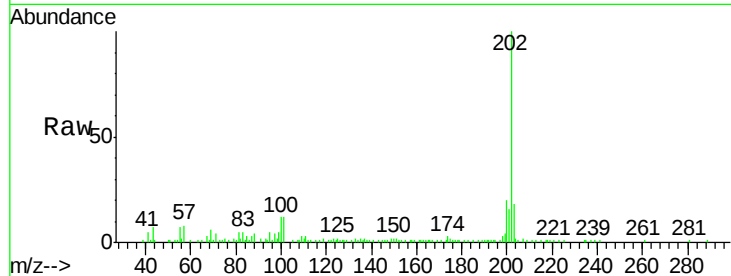
#78
Pyrene
Concen: 3.096 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF113609.D
Acq: 5 Apr 2019 3:45

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-6)

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	48122		
200	19.7	16.8	25.2	
203	18.5	14.4	21.6	

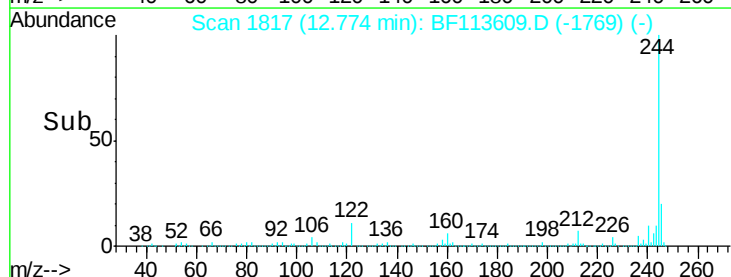
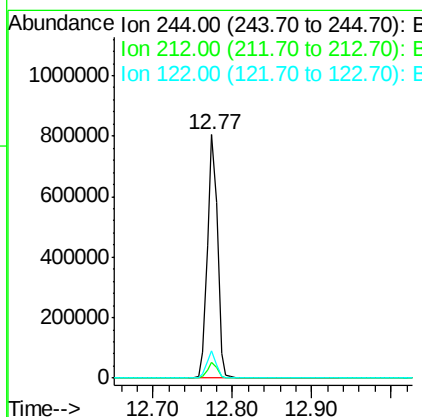
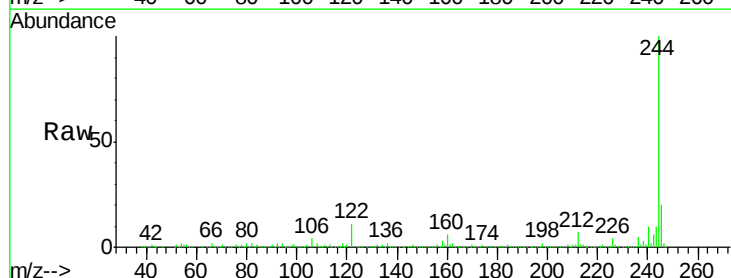
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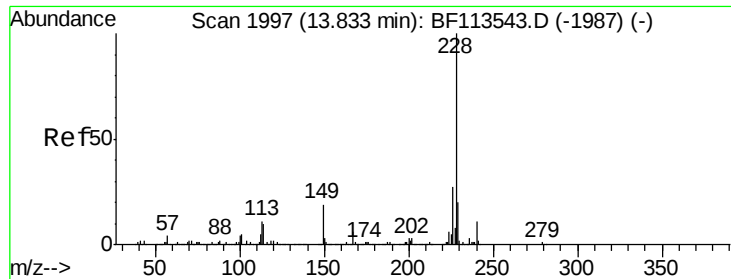
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#79
Terphenyl-d14
Concen: 71.501 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BF113609.D
Acq: 5 Apr 2019 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	717281		
212	6.6	5.5	8.3	
122	11.3	8.6	13.0	





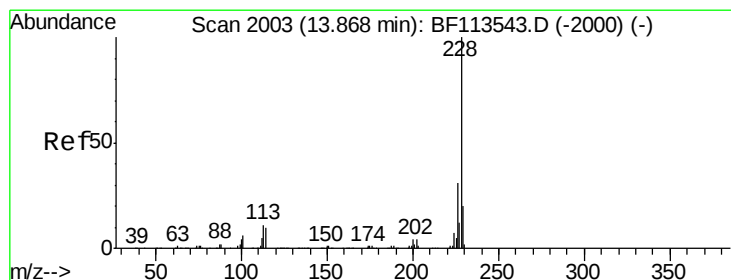
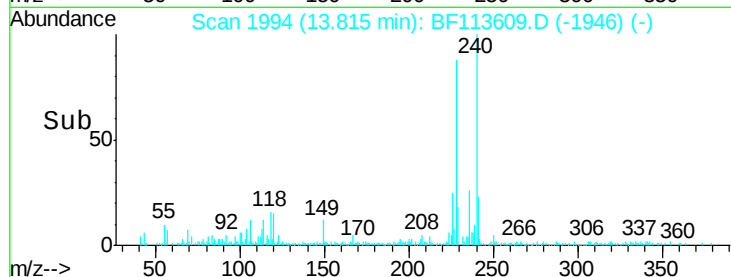
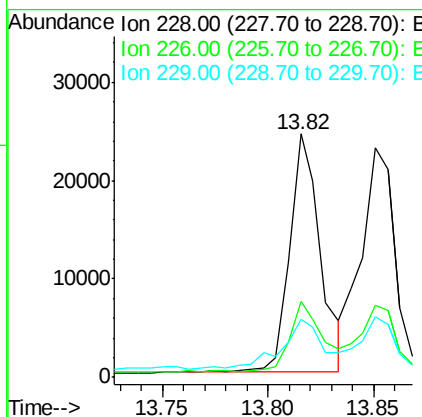
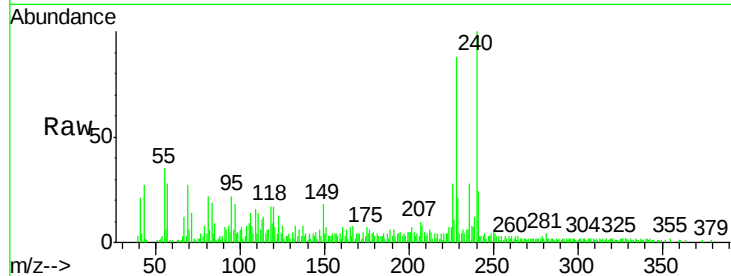
#81
Benzo(a)anthracene
Concen: 2.078 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BF113609.D
Acq: 5 Apr 2019 3:45

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-6)

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	21.8	32.8
229	23.6	16.2	24.4

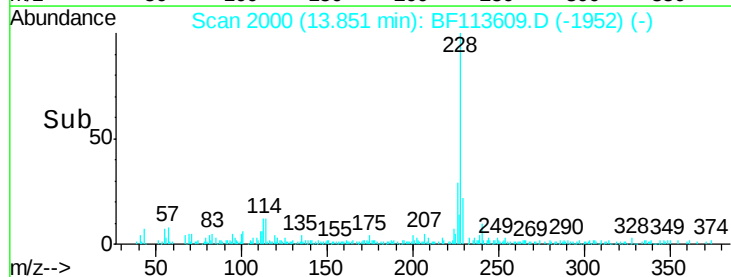
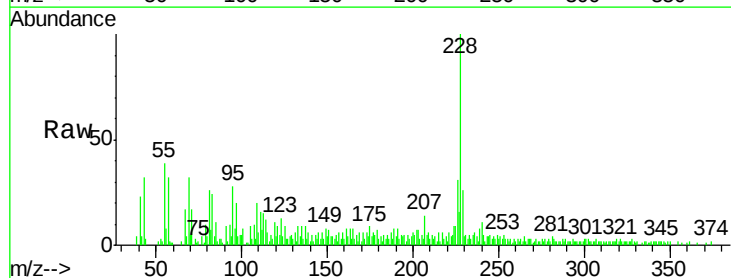
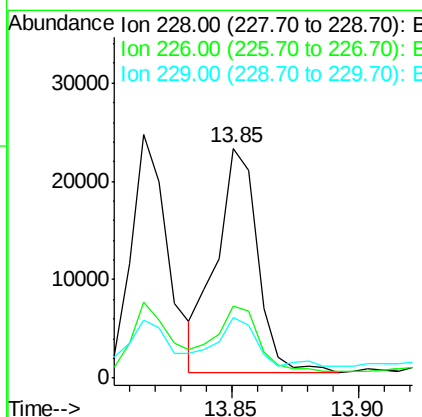
Manual Integrations
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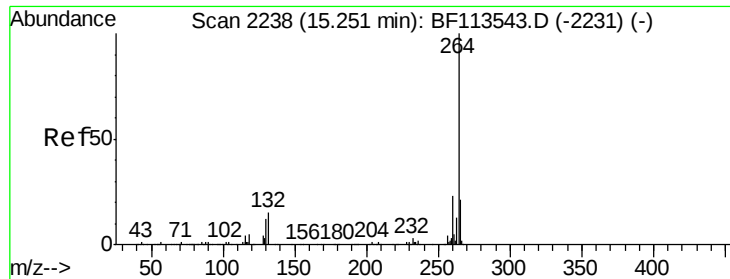
Sohil
4/6/2019 12:39:22 AM



#83
Chrysene
Concen: 2.169 ng m
RT: 13.85 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BF113609.D
Acq: 5 Apr 2019 3:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.3	36.5
229	26.2	16.3	24.5#





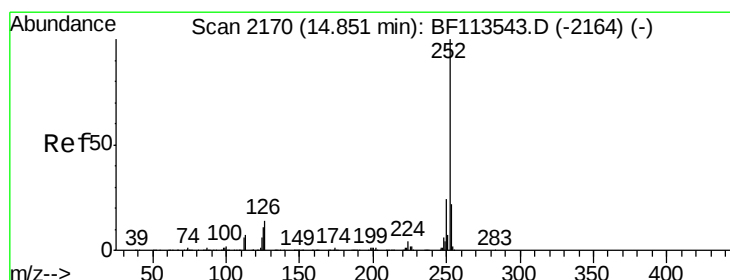
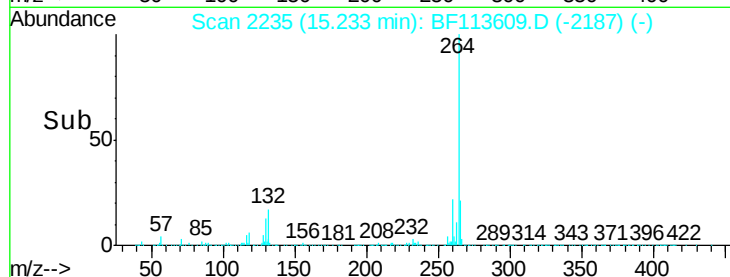
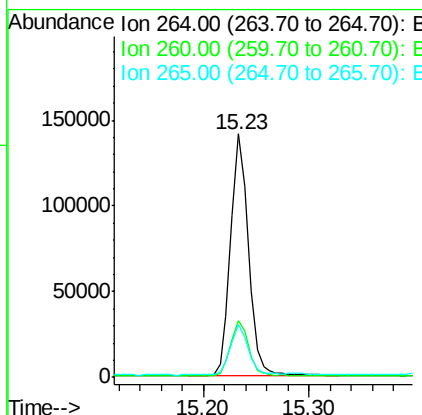
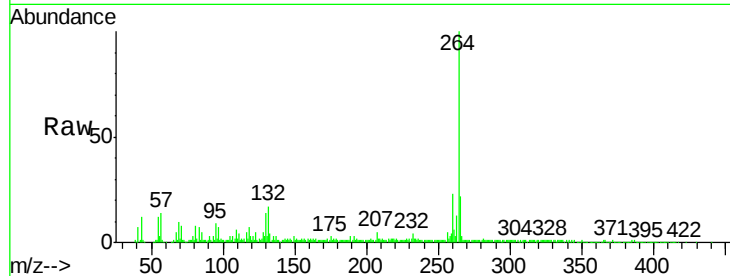
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BF113609.D
Acq: 5 Apr 2019 3:45

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-6)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	21.8	17.1	25.7

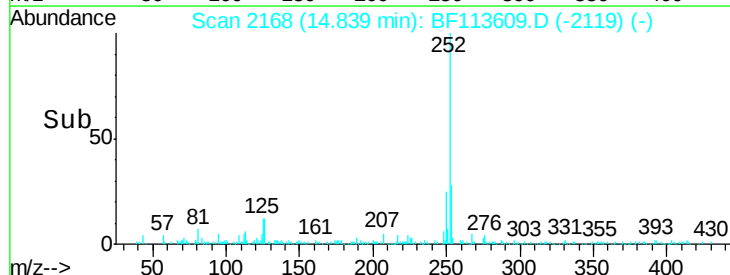
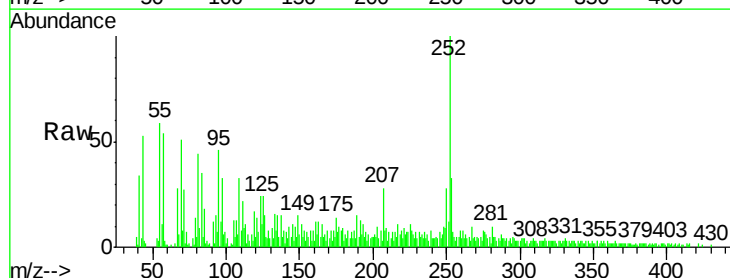
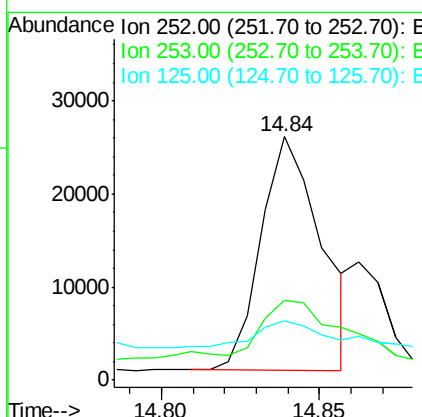
Manual Integrations
APPROVED

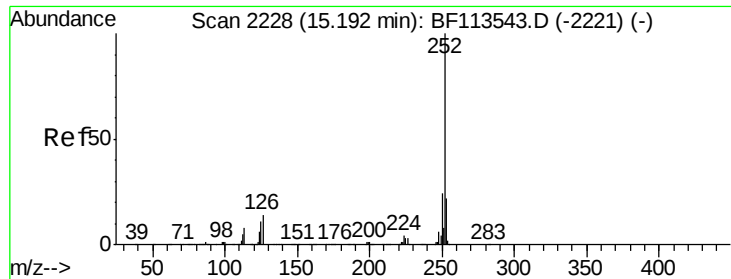
Sohil
4/6/2019 12:39:22 AM



#88
Benzo(b)fluoranthene
Concen: 3.212 ng m
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF113609.D
Acq: 5 Apr 2019 3:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.0	18.0	27.0#
125	24.4	7.6	11.4#





#90
 Benzo(a)pyrene
 Concen: 2.241 ng
 RT: 15.18 min Scan# 2226
 Delta R.T. -0.01 min
 Lab File: BF113609.D
 Acq: 5 Apr 2019 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-(0-6)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.2	17.9	26.9#
125	28.7	8.8	13.2#

Manual Integrations
 APPROVED

Sohil
 4/6/2019 12:39:22 AM

