

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040519\
 Data File : BF113636.D
 Acq On : 6 Apr 2019 1:09
 Operator : JU/SJ
 Sample : K2240-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 4/8/2019 9:48:23 AM

Quant Time: Apr 06 03:36:17 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	111582	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	410263	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	183753	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	349481	20.00	ng	0.00
76) Chrysene-d12	13.83	240	228752	20.00	ng	-0.01
87) Perylene-d12	15.24	264	173931	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	629793	96.25	ng	0.00
7) Phenol-d6	6.34	99	818679	101.51	ng	0.00
23) Nitrobenzene-d5	7.25	82	424695	60.64	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	205182	92.96	ng	0.00
45) 2-Fluorobiphenyl	9.04	172	842038	73.77	ng	-0.01
79) Terphenyl-d14	12.78	244	777731	69.22	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.43	163	116058	8.568	ng	Qvalue 100
75) Fluoranthene	12.41	202	58775	3.158	ng	98
78) Pyrene	12.63	202	51291	2.947	ng	97
81) Benzo(a)anthracene	13.82	228	26602	2.016	ng	91
83) Chrysene	13.86	228	30468m	2.278	ng	
88) Benzo(b)fluoranthene	14.84	252	37847m	3.555	ng	
90) Benzo(a)pyrene	15.18	252	22015	2.327	ng	# 60

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

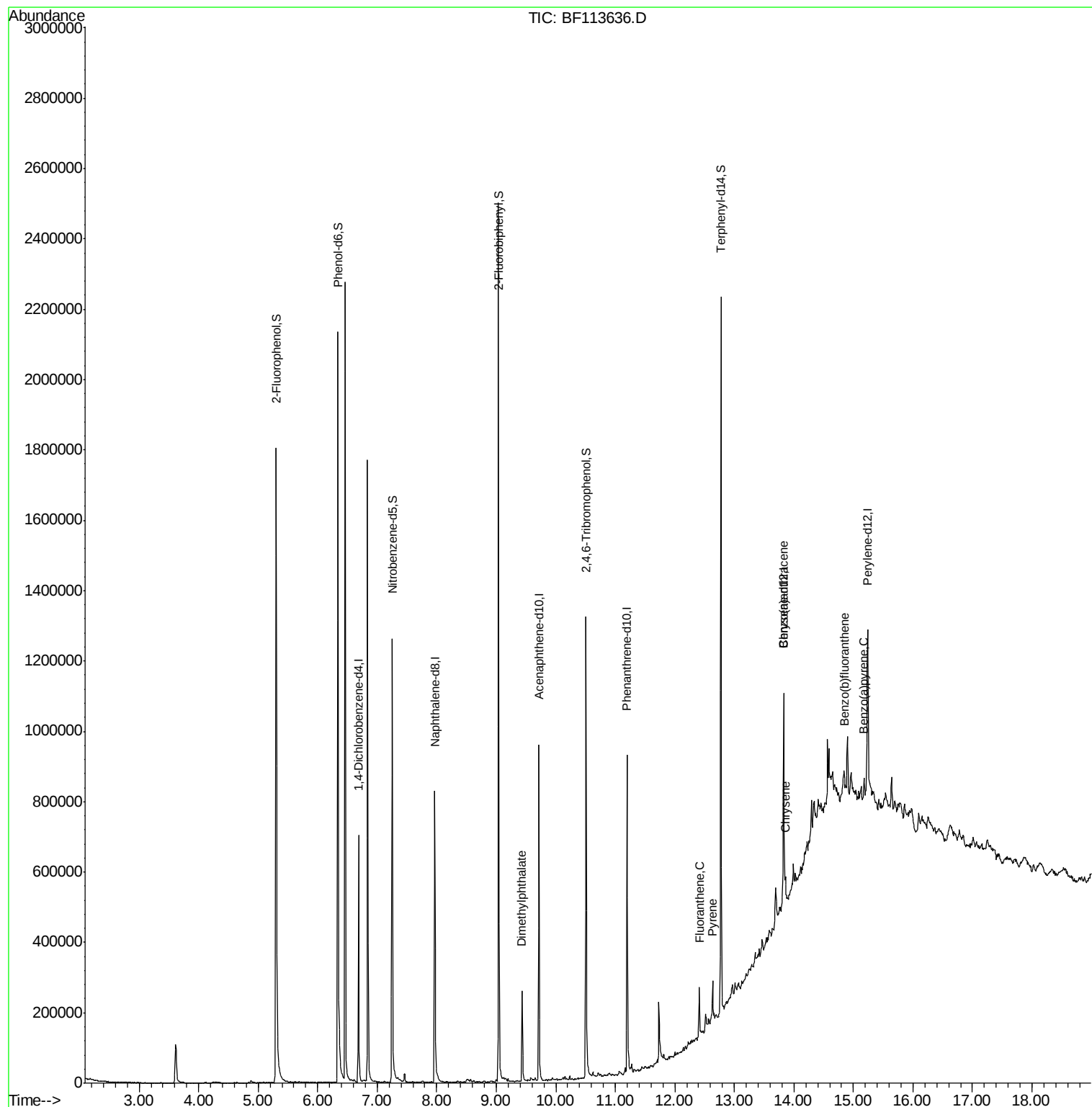
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040519\
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#1

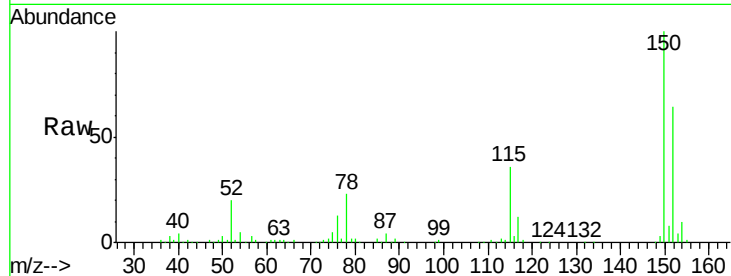
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF113636.D
Acq: 6 Apr 2019 1:09

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

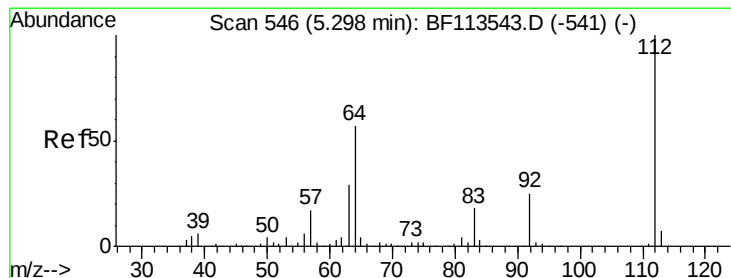
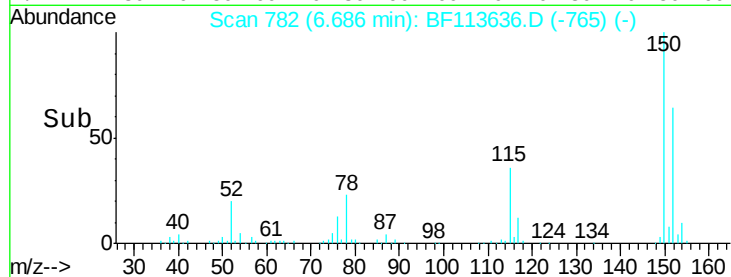
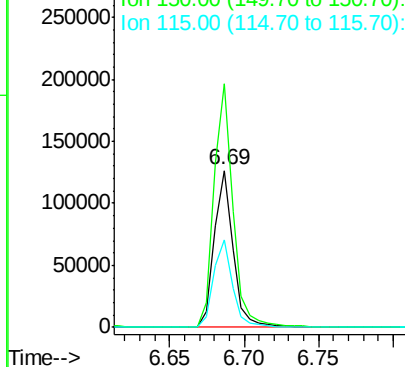
Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.7	187.1
115	55.8	46.0	69.0

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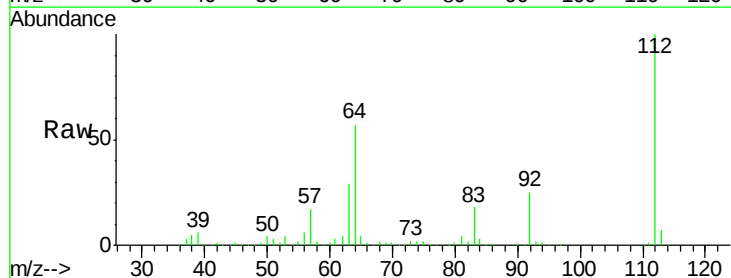
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



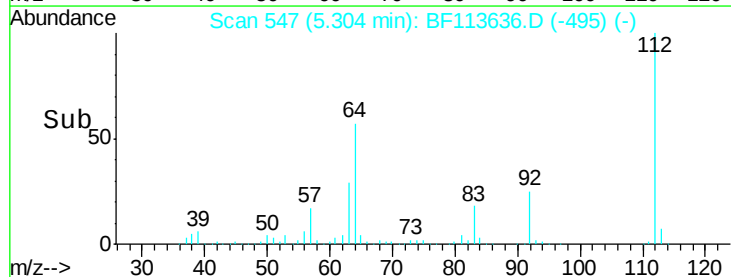
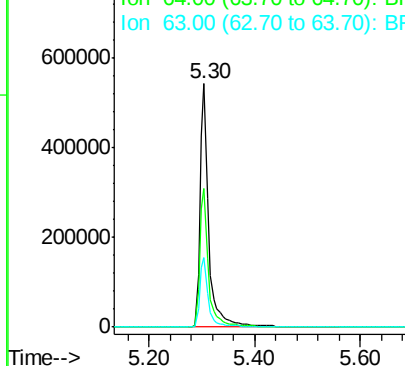
#5

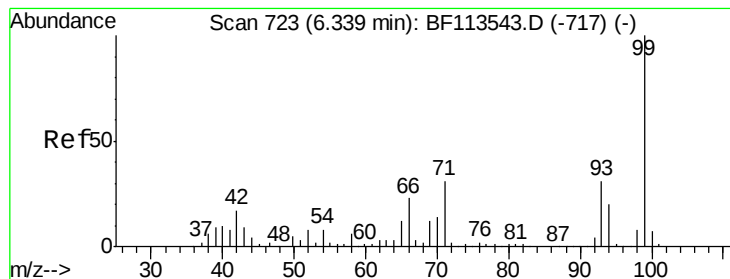
2-Fluorophenol
Concen: 96.247 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF113636.D
Acq: 6 Apr 2019 1:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	49.2	73.8
63	28.8	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: 101.511 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF113636.D

Acq: 6 Apr 2019 1:09

Instrument :

BNA_F

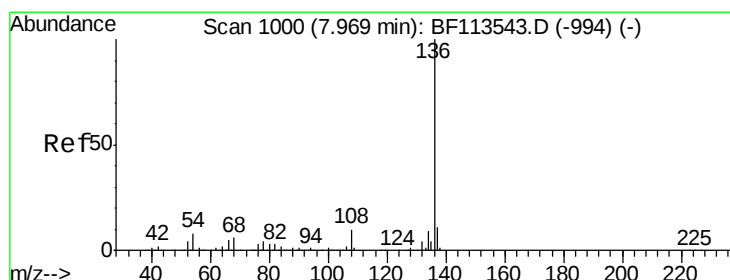
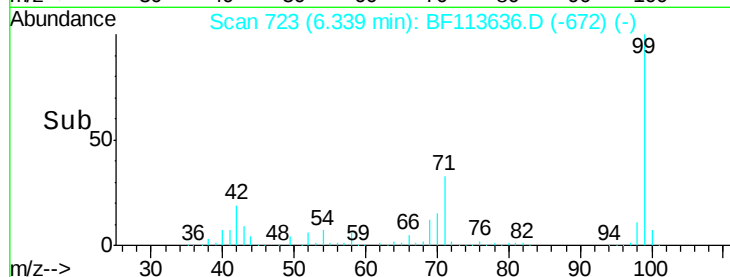
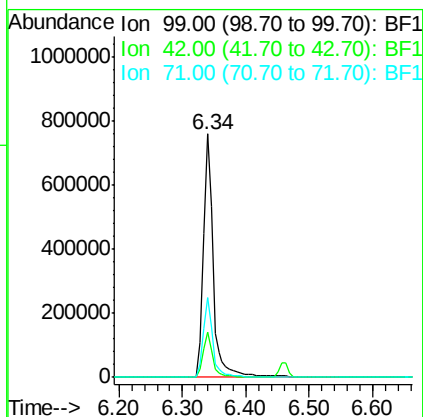
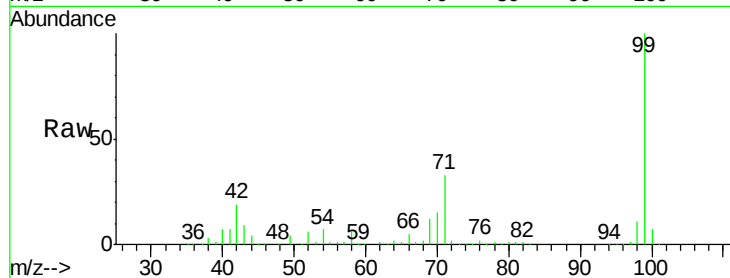
ClientSampled :

SB-03-(0-6)

Tgt Ion:	99	Resp:	818679
Ion Ratio	Lower	Upper	
99	100		
42	18.7	14.8	22.2
71	32.8	24.9	37.3

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#21

Naphthalene-d8

Concen: 20.000 ng

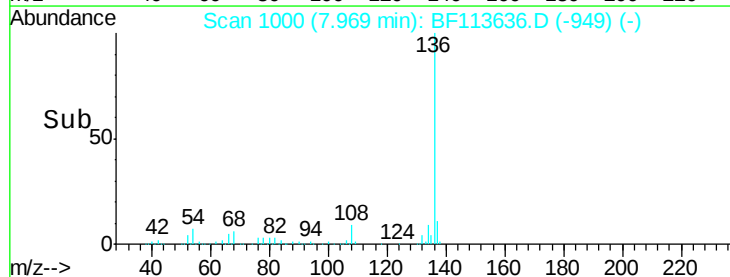
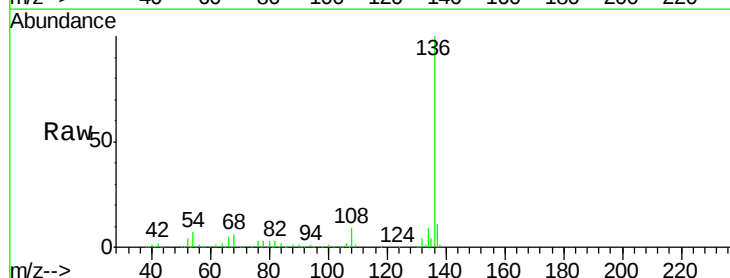
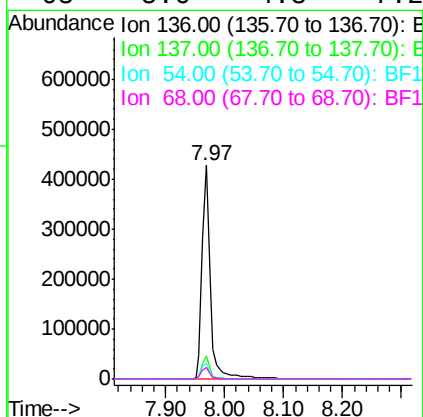
RT: 7.97 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BF113636.D

Acq: 6 Apr 2019 1:09

Tgt Ion:	136	Resp:	410263
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	7.5	7.0	10.6
68	5.6	4.8	7.2





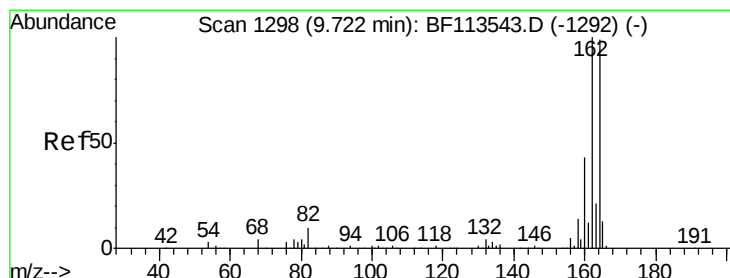
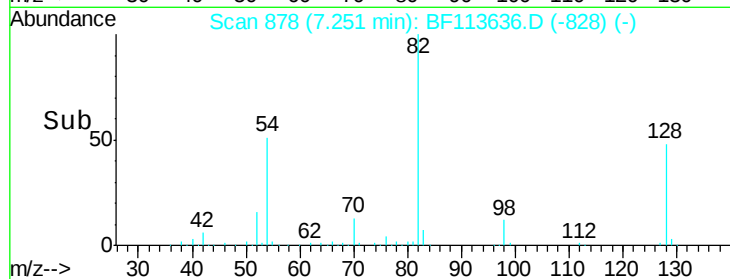
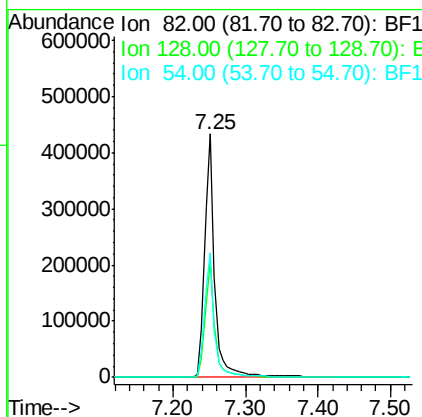
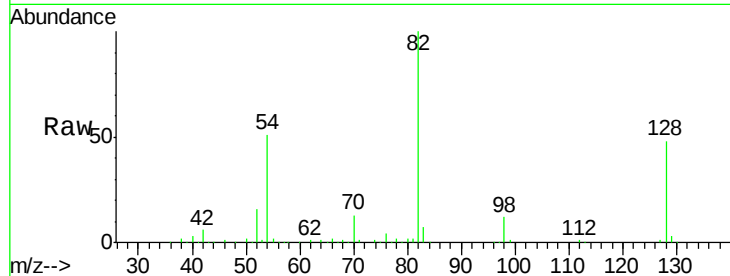
#23
 Nitrobenzene-d5
 Concen: 60.636 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF113636.D
 Acq: 6 Apr 2019 1:09

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.5	54.7
54	51.2	42.2	63.2

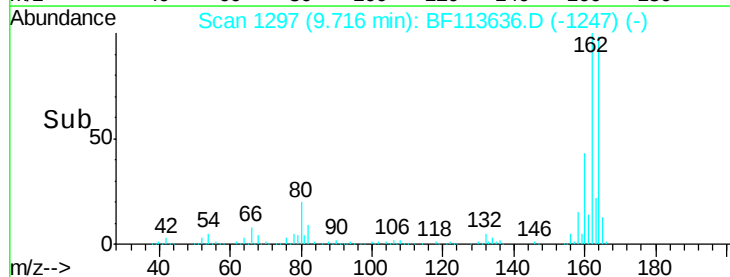
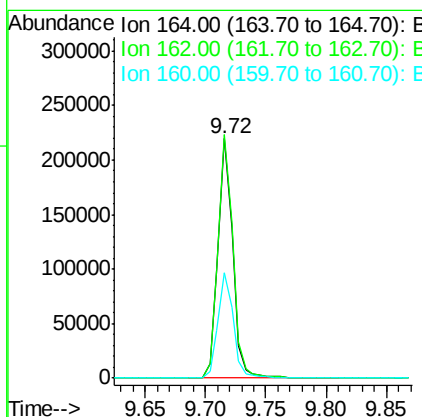
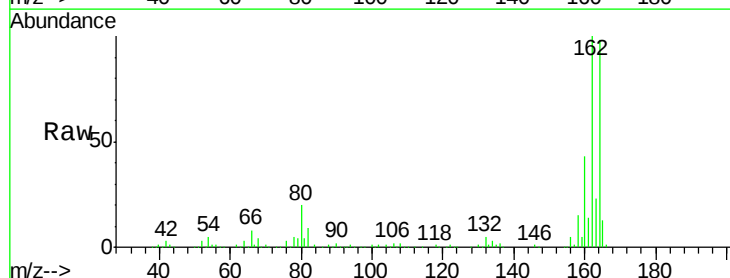
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF113636.D
 Acq: 6 Apr 2019 1:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.8	122.6
160	44.0	36.4	54.6





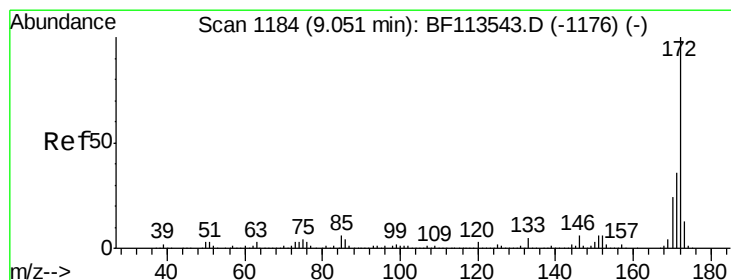
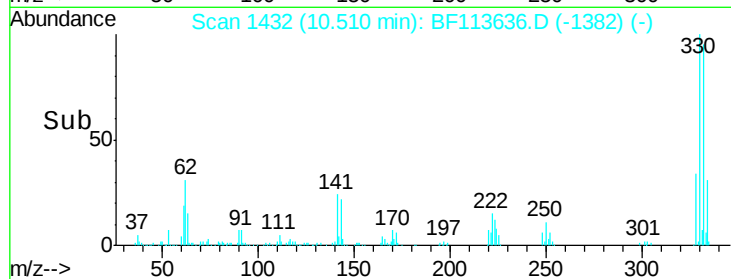
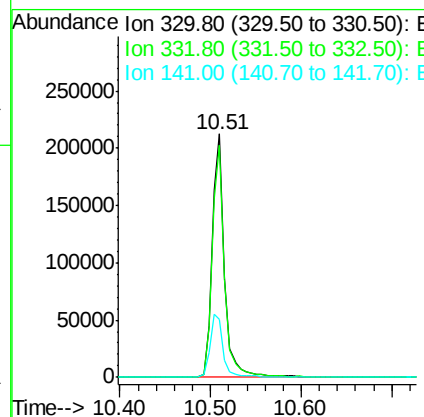
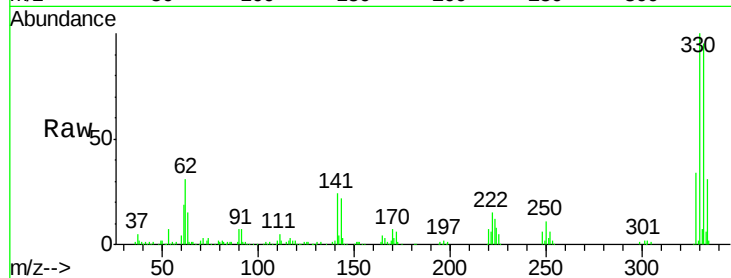
#42
 2,4,6-Tribromophenol
 Concen: 92.955 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF113636.D
 Acq: 6 Apr 2019 1:09

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

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	205182		
332	96.4	77.8	116.6	
141	28.0	22.7	34.1	

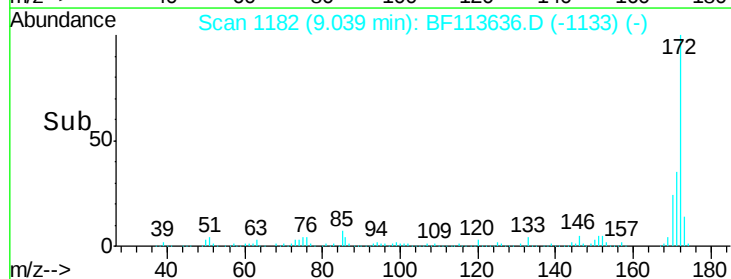
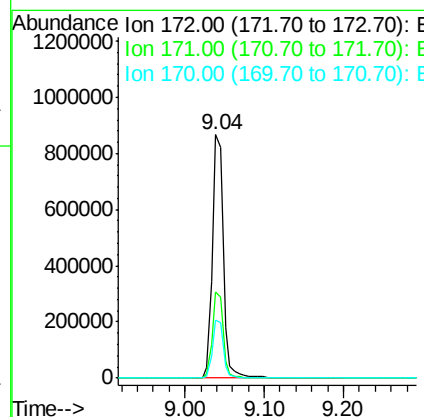
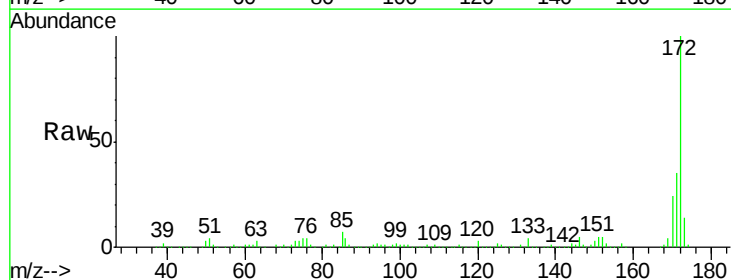
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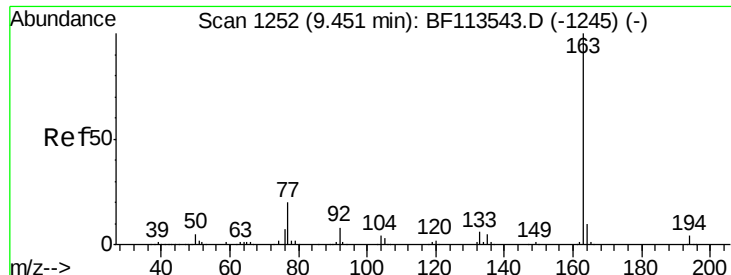
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#45
 2-Fluorobiphenyl
 Concen: 73.772 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113636.D
 Acq: 6 Apr 2019 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	842038		
171	35.4	29.0	43.6	
170	23.9	19.5	29.3	





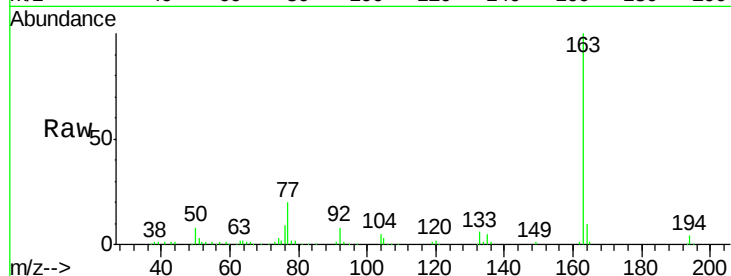
#50
Dimethylphthalate
Concen: 8.568 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF113636.D
Acq: 6 Apr 2019 1:09

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.9	3.0	4.6
164	10.1	8.1	12.1

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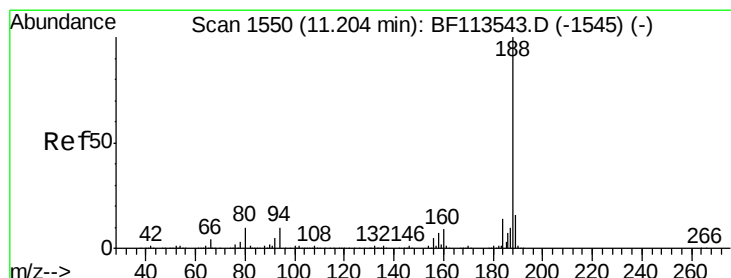
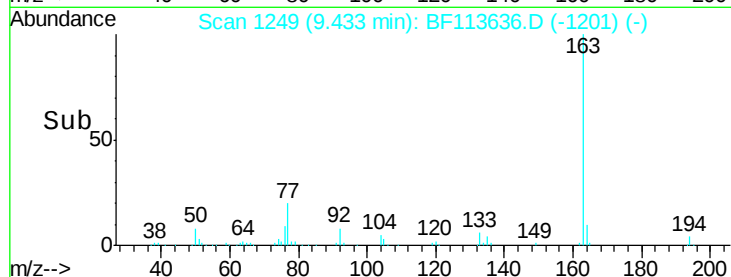
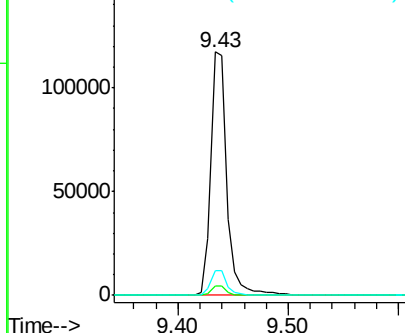


Abundance

Ion 163.00 (162.70 to 163.70): E

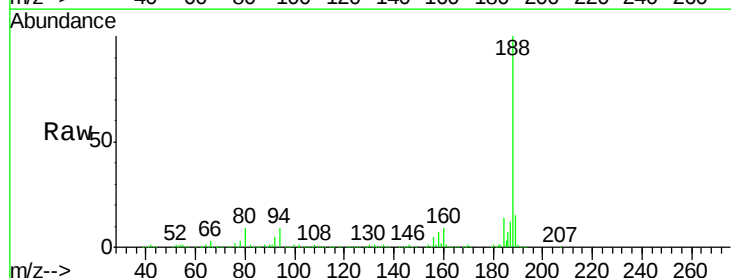
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF113636.D
Acq: 6 Apr 2019 1:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.7	7.0	10.6
80	8.7	7.7	11.5

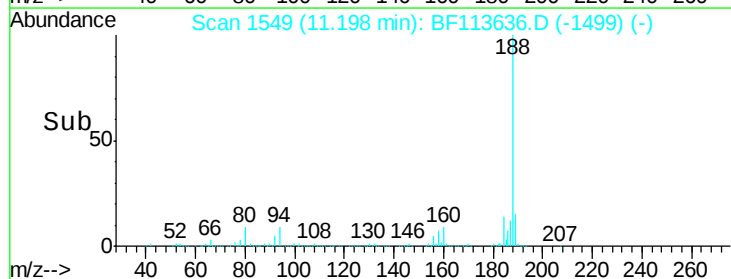
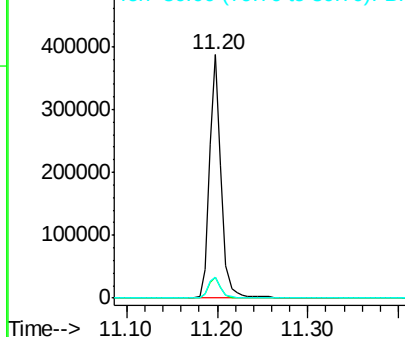


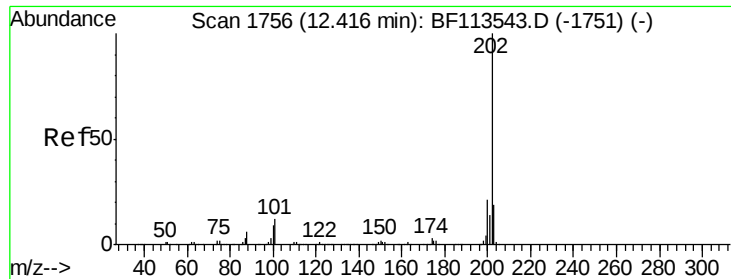
Abundance

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





#75

Fluoranthene

Concen: 3.158 ng

RT: 12.41 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF113636.D

Acq: 6 Apr 2019 1:09

Instrument :

BNA_F

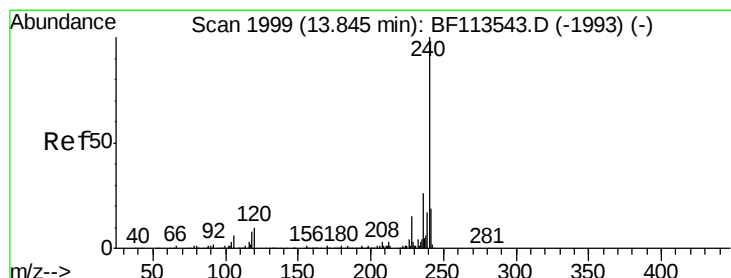
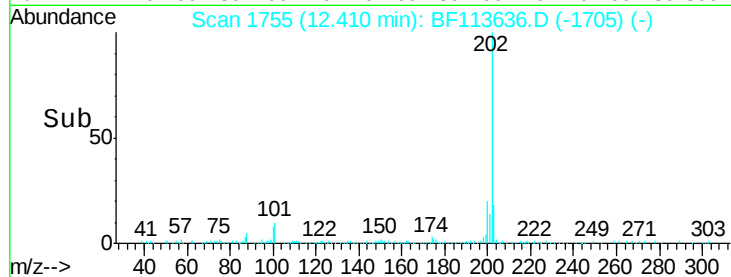
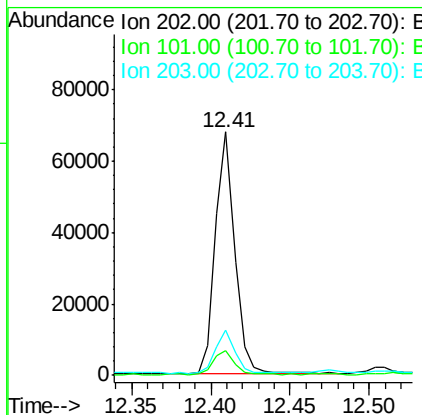
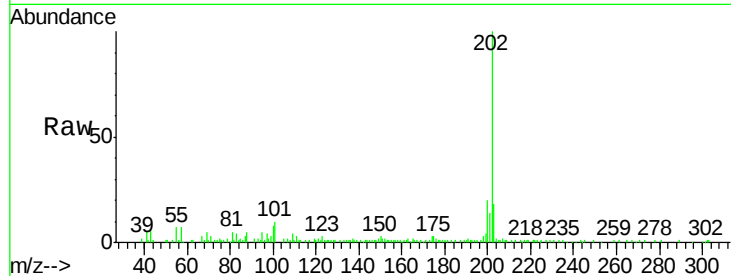
ClientSampleId :

SB-03-(0-6)

Tgt	Ion	202	Resp:	58775
Ion	Ratio	Lower	Upper	
202	100			
101	10.3	0.0	31.4	
203	18.4	0.0	38.0	

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#76

Chrysene-d12

Concen: 20.000 ng

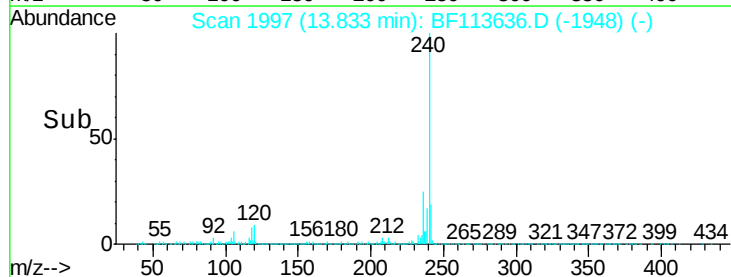
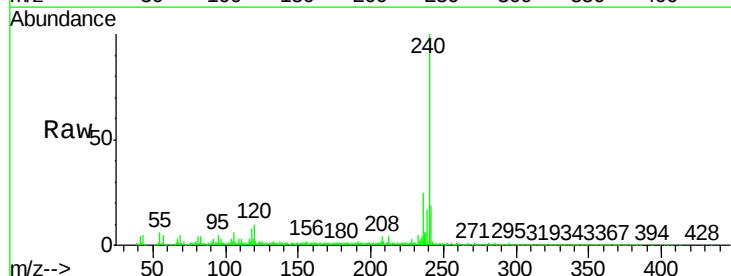
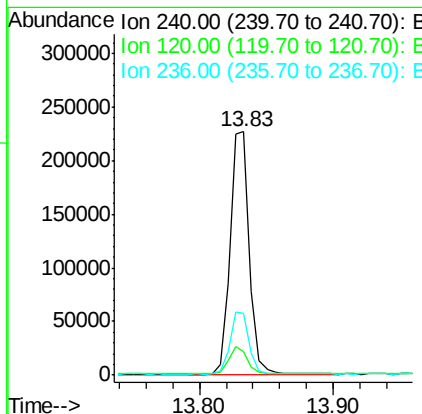
RT: 13.83 min Scan# 1997

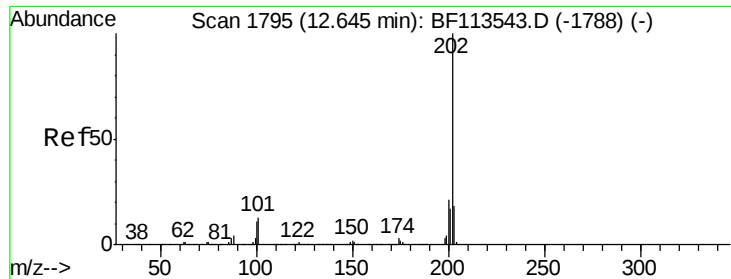
Delta R.T. -0.01 min

Lab File: BF113636.D

Acq: 6 Apr 2019 1:09

Tgt	Ion	240	Resp:	228752
Ion	Ratio	Lower	Upper	
240	100			
120	9.8	8.8	13.2	
236	25.4	20.9	31.3	





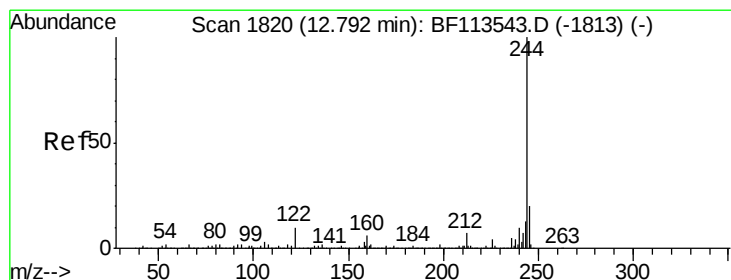
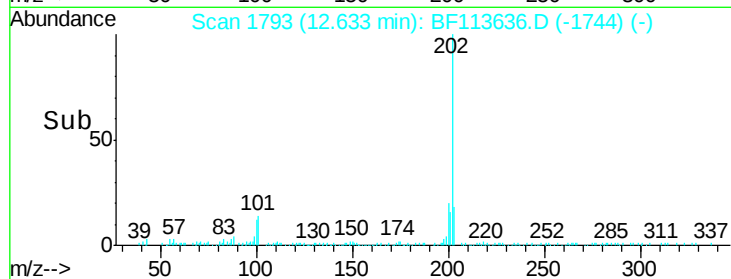
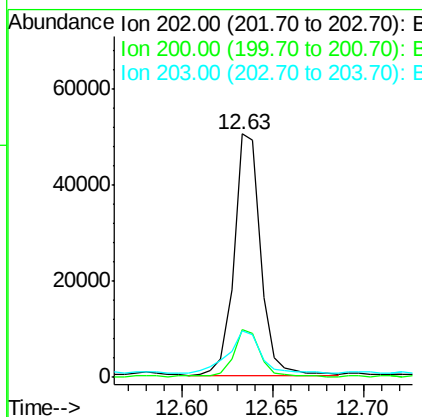
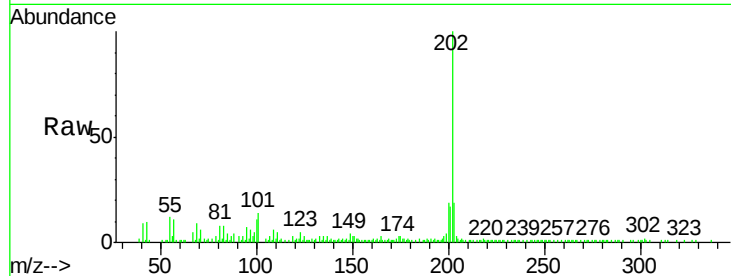
#78
 Pyrene
 Concen: 2.947 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BF113636.D
 Acq: 6 Apr 2019 1:09

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	19.4	16.8	25.2
203	19.3	14.4	21.6

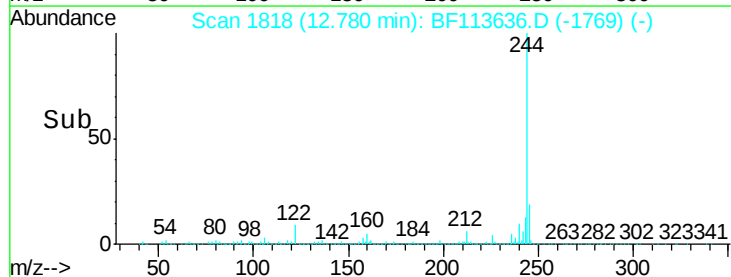
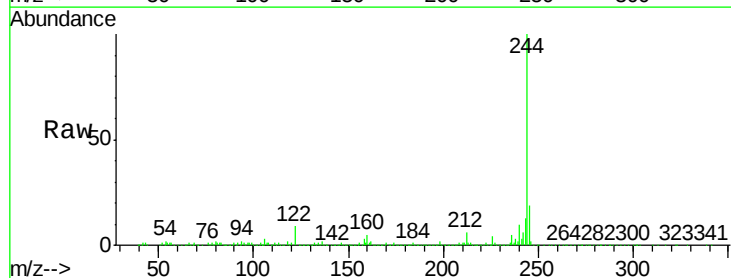
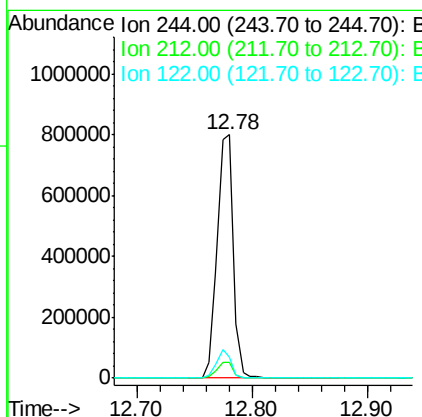
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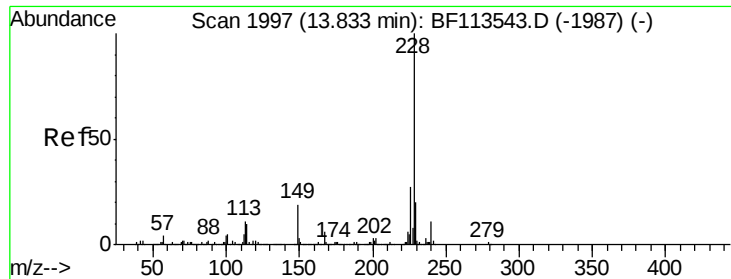
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#79
 Terphenyl-d14
 Concen: 69.222 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF113636.D
 Acq: 6 Apr 2019 1:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.2	5.5	8.3
122	8.8	8.6	13.0





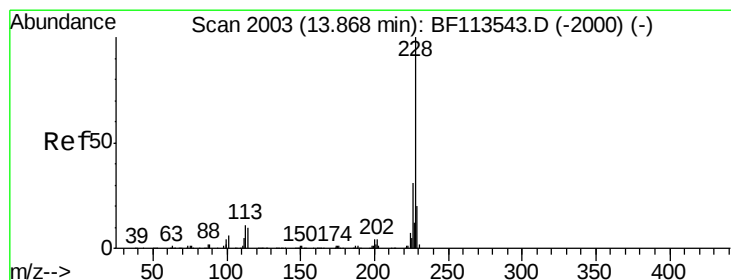
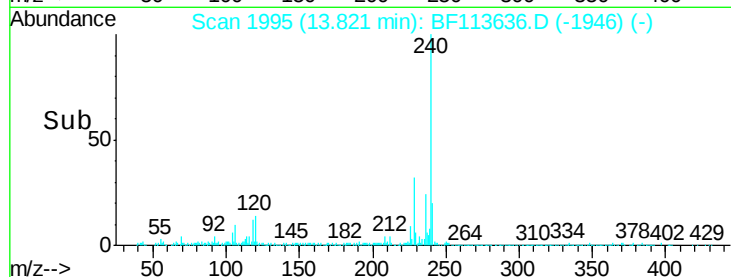
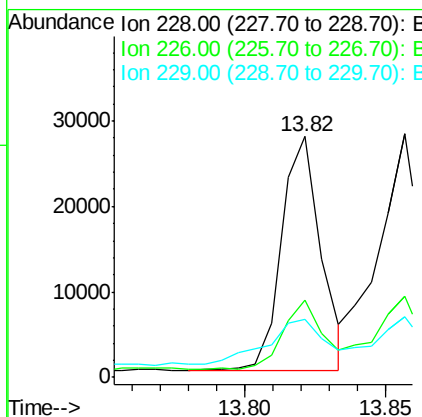
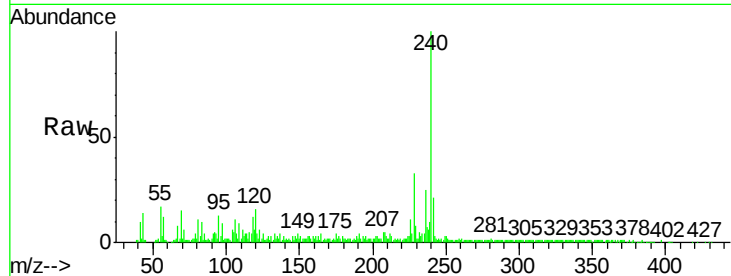
#81
Benzo(a)anthracene
Concen: 2.016 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF113636.D
Acq: 6 Apr 2019 1:09

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

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	26602		
226	32.2	21.8	32.8	
229	24.2	16.2	24.4	

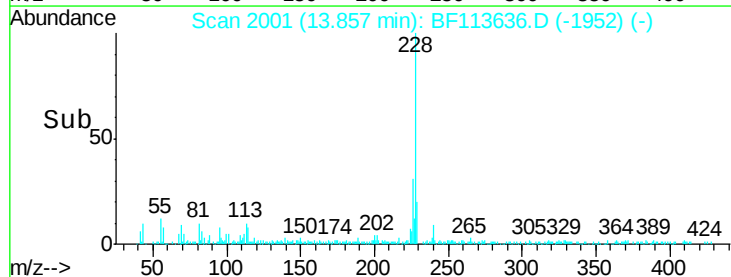
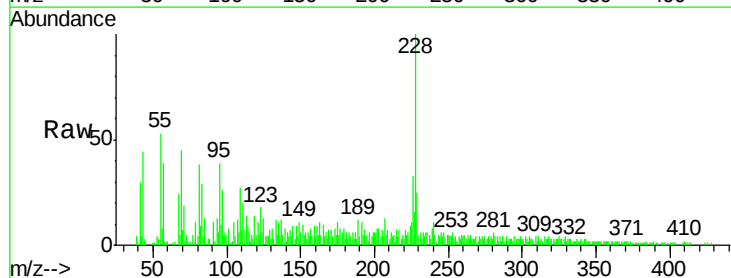
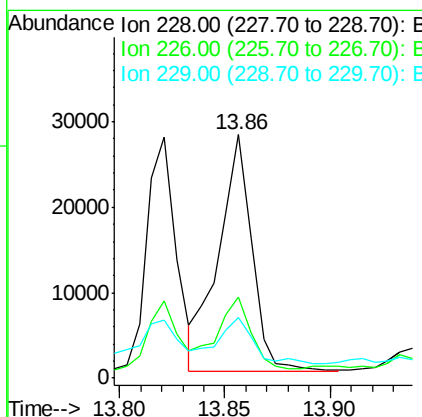
Manual Integrations
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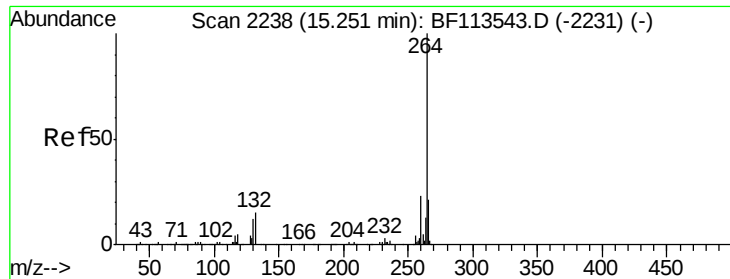
Sohil
4/8/2019 9:48:23 AM



#83
Chrysene
Concen: 2.278 ng m
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF113636.D
Acq: 6 Apr 2019 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	30468		
226	33.4	24.3	36.5	
229	24.7	16.3	24.5#	





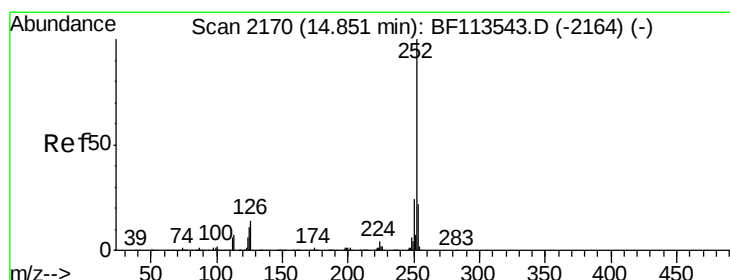
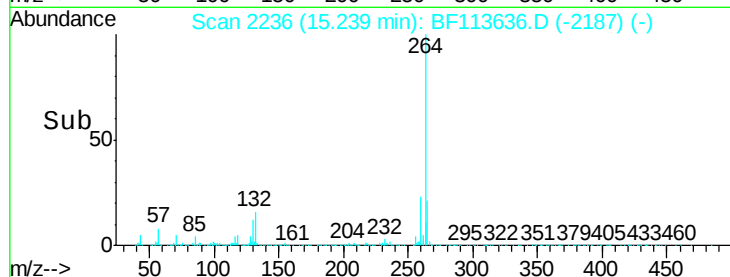
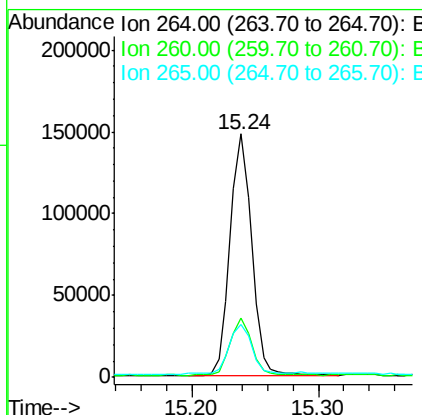
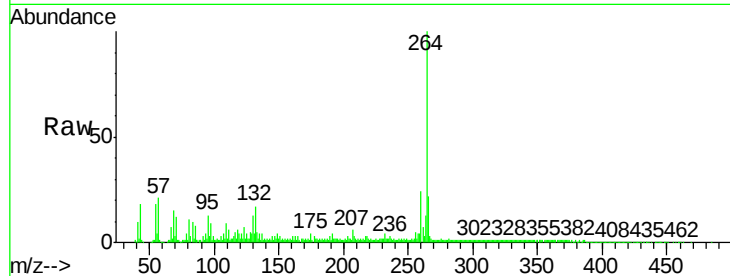
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113636.D
Acq: 6 Apr 2019 1:09

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.1	28.7
265	21.9	17.1	25.7

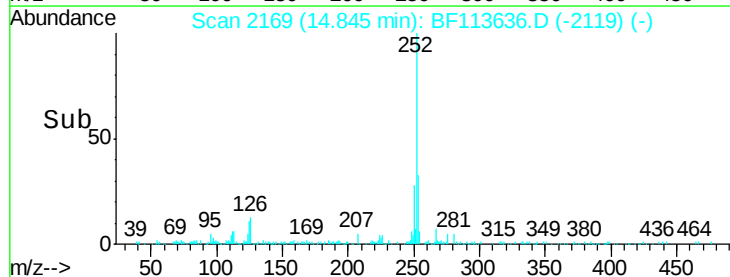
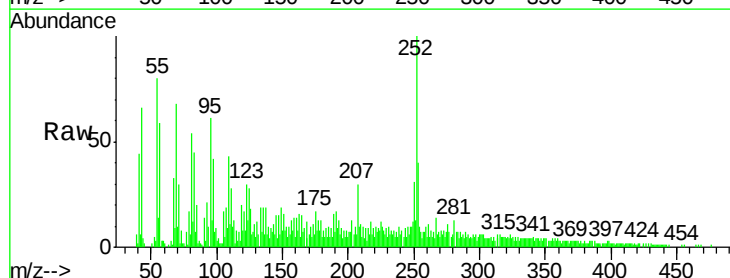
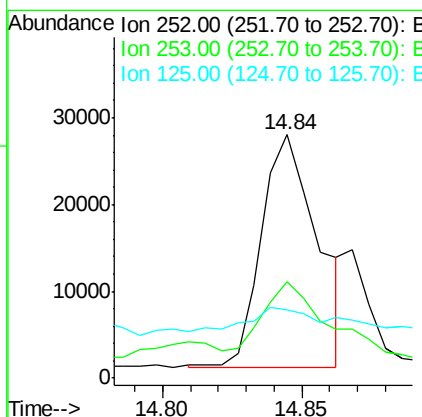
Manual Integrations
APPROVED

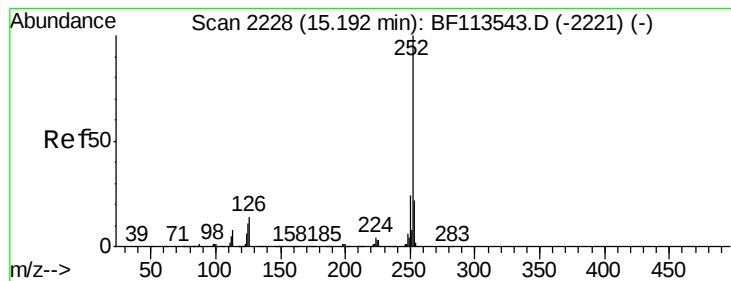
Sohil
4/8/2019 9:48:23 AM



#88
Benzo(b)fluoranthene
Concen: 3.555 ng m
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF113636.D
Acq: 6 Apr 2019 1:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	39.7	18.0	27.0#
125	27.8	7.6	11.4#





#90
Benzo(a)pyrene
Concen: 2.327 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF113636.D
Acq: 6 Apr 2019 1:09

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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.1	17.9	26.9#
125	36.8	8.8	13.2#

Manual Integrations
APPROVED

Sohil
4/8/2019 9:48:23 AM

