

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
 Data File : BF113863.D
 Acq On : 19 Apr 2019 17:21
 Operator : JU/SJ
 Sample : K2201-05 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-041819-C

Manual Integrations
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Quant Time: Apr 20 04:44:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 13:55:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	192184	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	677155	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	298790	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	549296	20.00	ng	0.02
76) Chrysene-d12	14.26	240	492979	20.00	ng	0.21
87) Perylene-d12	15.99	264	399081	20.00	ng	0.48
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	514651	44.53	ng	0.01
7) Phenol-d6	6.52	99	653618	45.35	ng	0.00
23) Nitrobenzene-d5	7.46	82	348874	31.37	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	151298	45.83	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	692996	35.37	ng	0.00
79) Terphenyl-d14	13.06	244	764506	32.52	ng	0.06
Target Compounds						
50) Dimethylphthalate	9.65	163	55138	2.637	ng	Qvalue 100
71) Phenanthrene	11.45	178	111463	3.984	ng	97
75) Fluoranthene	12.66	202	276656	9.331	ng	97
78) Pyrene	12.90	202	269452	7.756	ng	97
81) Benzo(a)anthracene	14.24	228	172607m	5.990	ng	
83) Chrysene	14.29	228	156835	5.483	ng	95
86) Indeno(1,2,3-cd)pyrene	17.52	276	80385m	3.443	ng	
88) Benzo(b)fluoranthene	15.52	252	194109	7.802	ng	# 97
89) Benzo(k)fluoranthene	15.56	252	59836m	2.641	ng	
90) Benzo(a)pyrene	15.92	252	129119	5.869	ng	97
92) Benzo(g,h,i)perylene	17.98	276	69958	3.516	ng	94

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

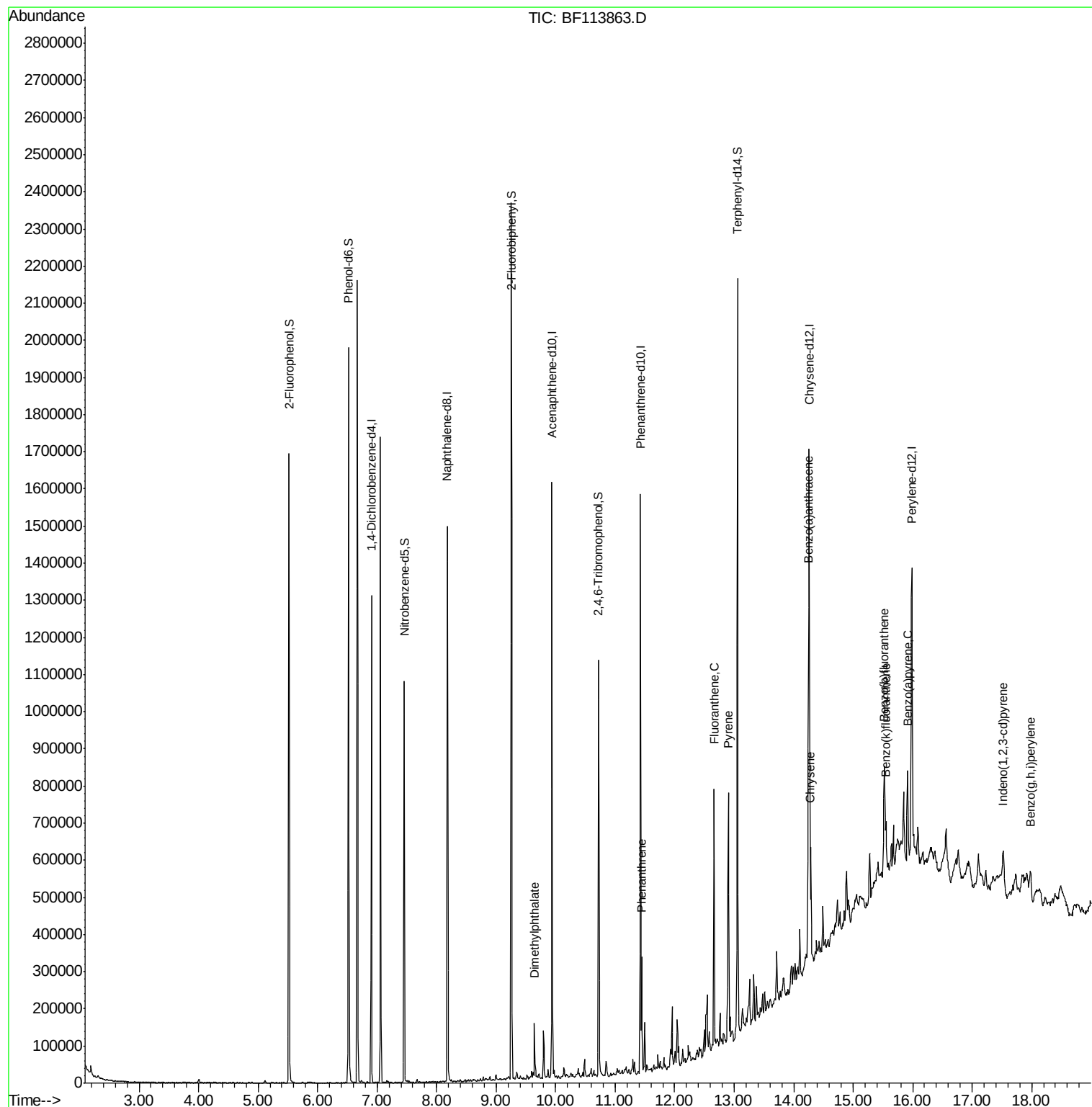
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
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Sample : K2201-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

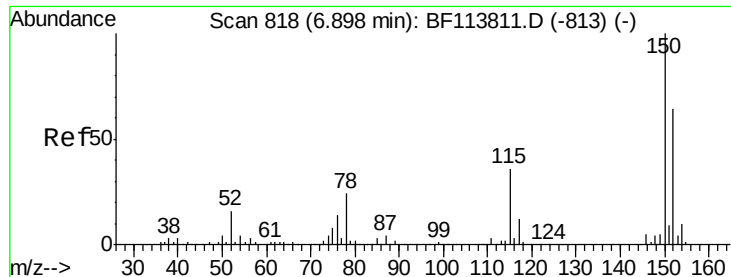
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
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#1

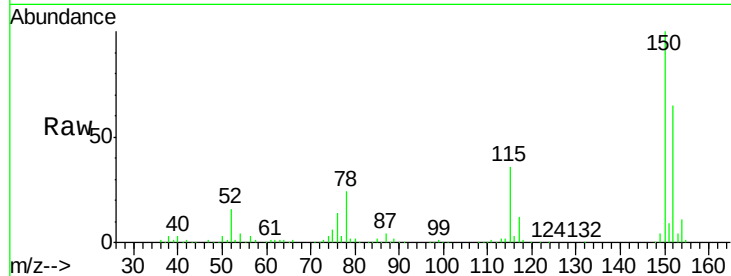
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-C

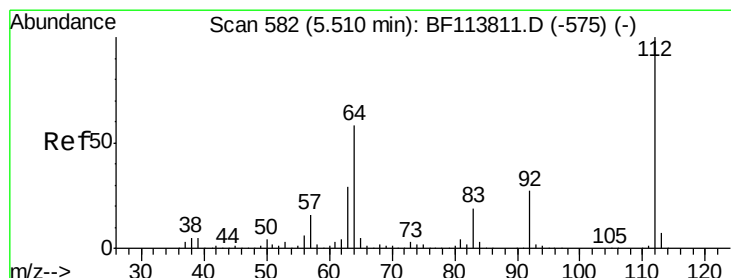
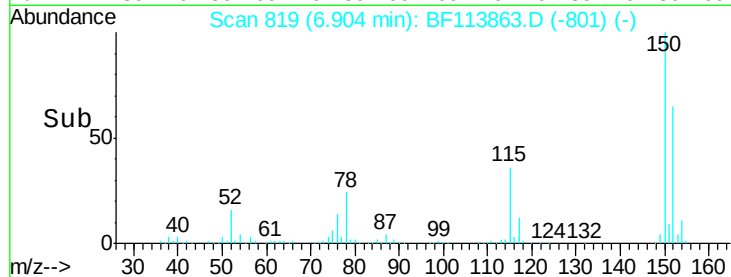
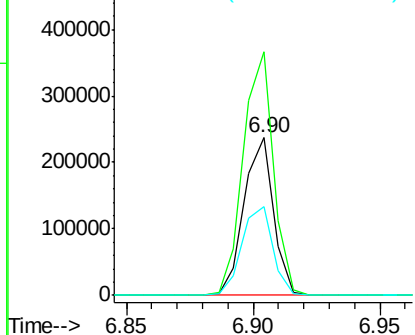
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.4	125.9	188.9
115	56.3	45.9	68.9

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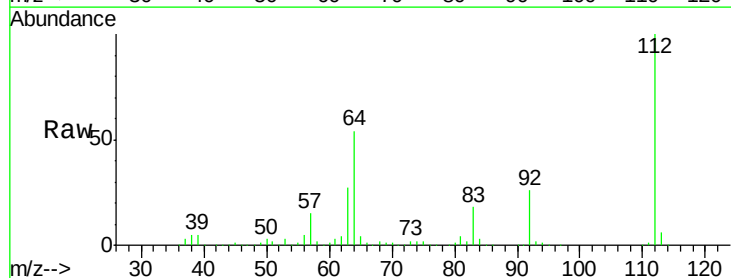
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



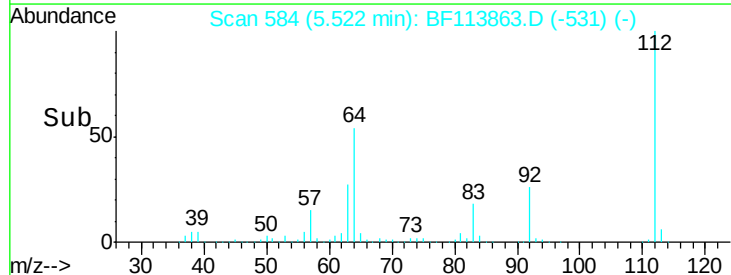
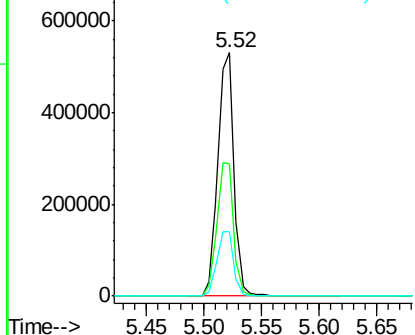
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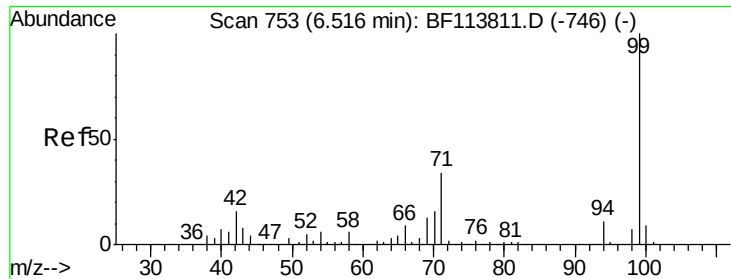
2-Fluorophenol
Concen: 44.528 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.6	69.8
63	26.5	23.1	34.7



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: 45.347 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF113863.D

Acq: 19 Apr 2019 17:21

Instrument :

BNA_F

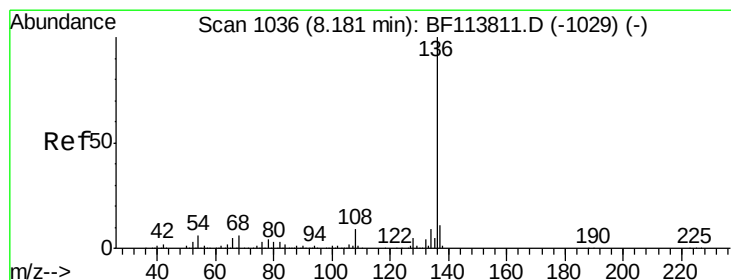
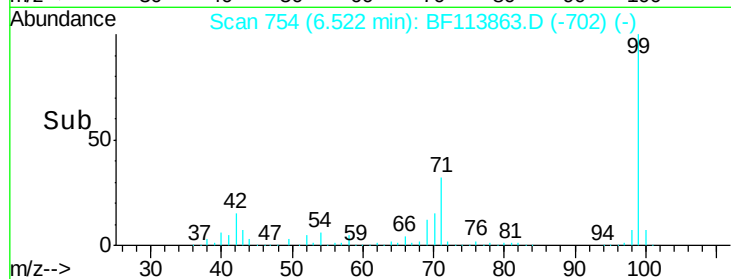
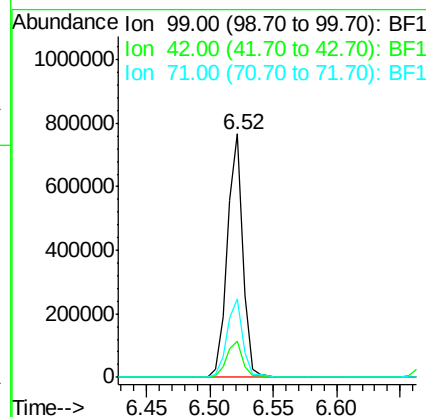
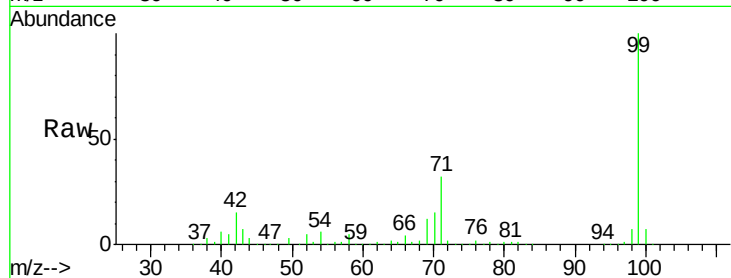
ClientSampleId :

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Tgt Ion:	99	Resp:	653618
Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.5	18.7
71	32.4	26.9	40.3

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#21

Naphthalene-d8

Concen: 20.000 ng

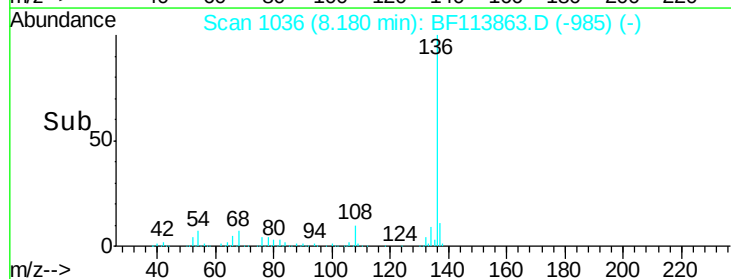
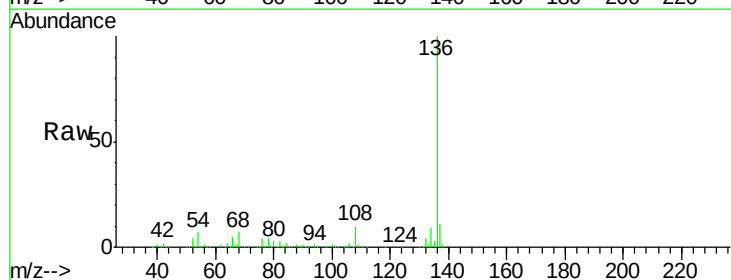
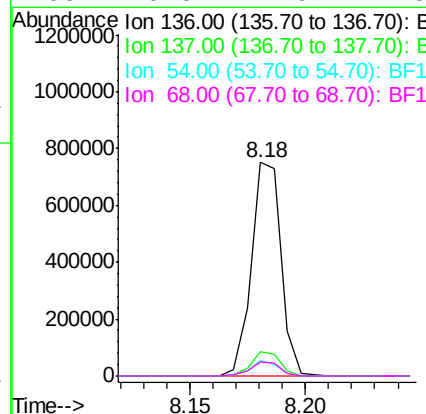
RT: 8.18 min Scan# 1036

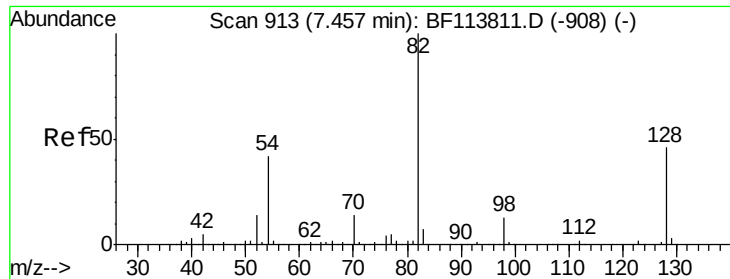
Delta R.T. -0.00 min

Lab File: BF113863.D

Acq: 19 Apr 2019 17:21

Tgt Ion:	136	Resp:	677155
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	7.0	5.0	7.6
68	6.8	4.9	7.3





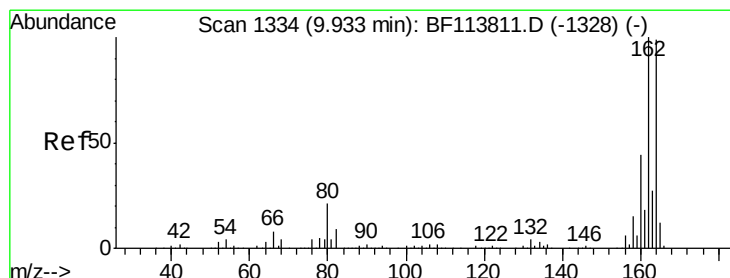
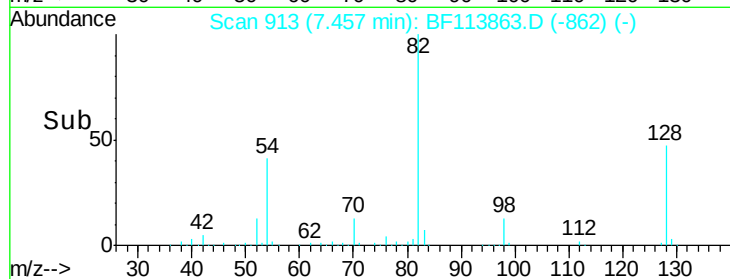
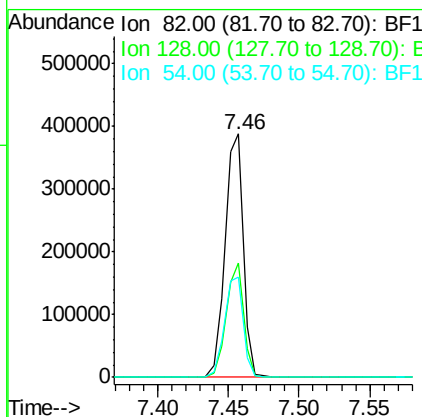
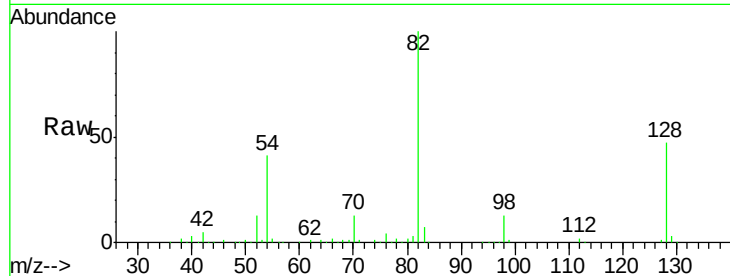
#23
 Nitrobenzene-d5
 Concen: 31.374 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BF113863.D
 Acq: 19 Apr 2019 17:21

Instrument :
 BNA_F
 ClientSampled :
 PL-01-041819-C

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	348874		
128	47.2	36.8	55.2	
54	41.0	33.8	50.6	

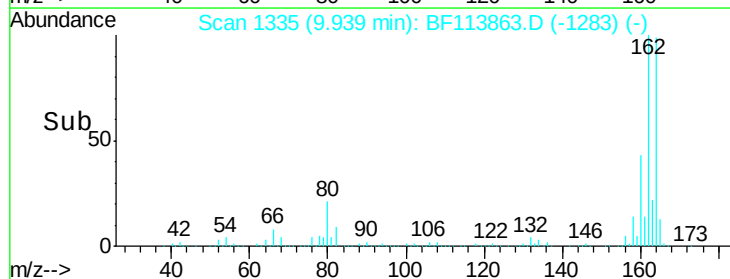
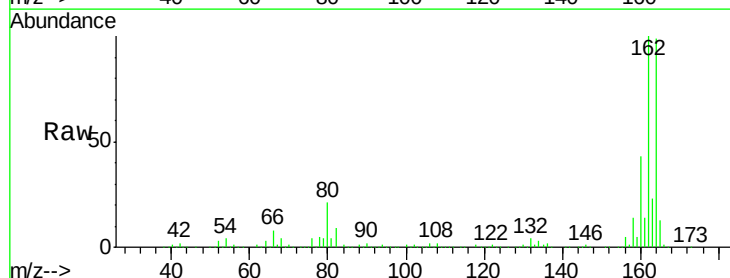
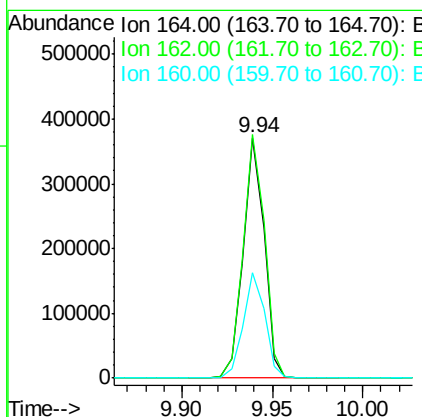
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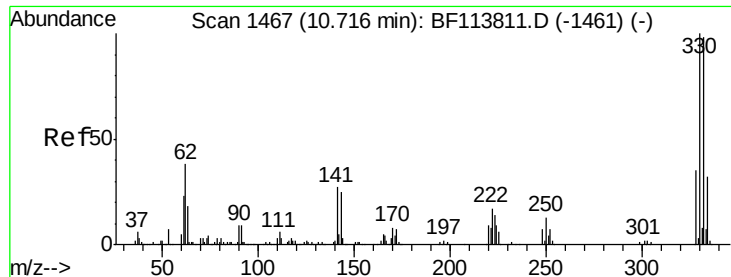
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF113863.D
 Acq: 19 Apr 2019 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	298790		
162	101.5	81.1	121.7	
160	43.8	35.8	53.6	





#42

2,4,6-Tribromophenol

Concen: 45.833 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF113863.D

Acq: 19 Apr 2019 17:21

Instrument :

BNA_F

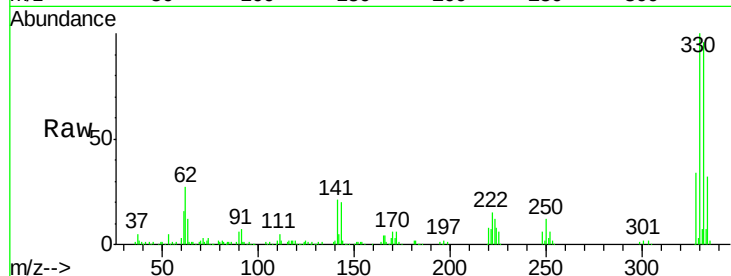
ClientSampleId :

PL-01-041819-C

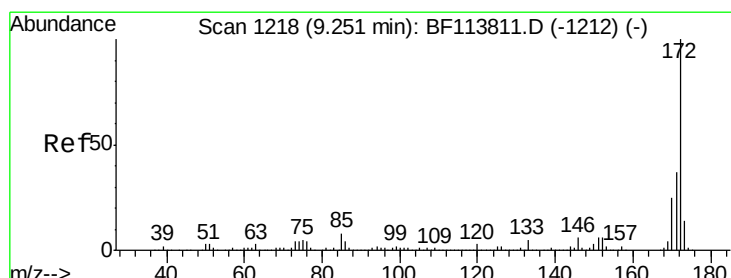
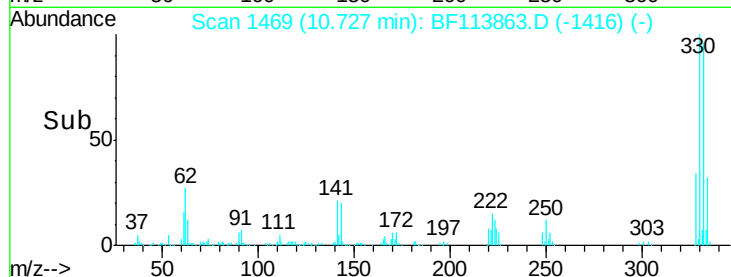
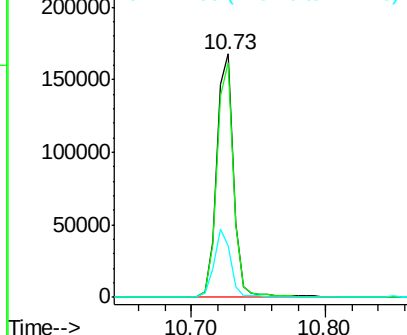
Tgt Ion:	330	Resp:	151298
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.5	116.3
141	27.5	22.2	33.2

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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: 35.371 ng

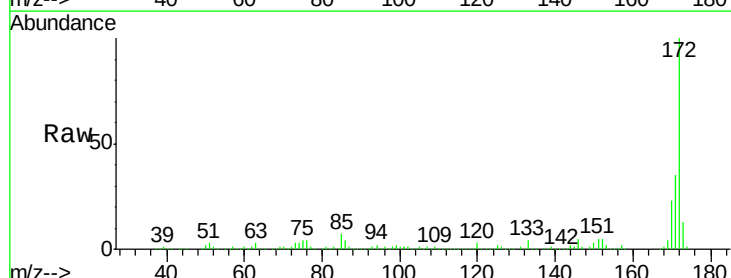
RT: 9.26 min Scan# 1219

Delta R.T. 0.01 min

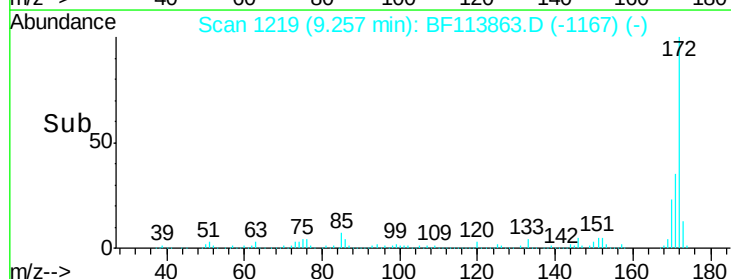
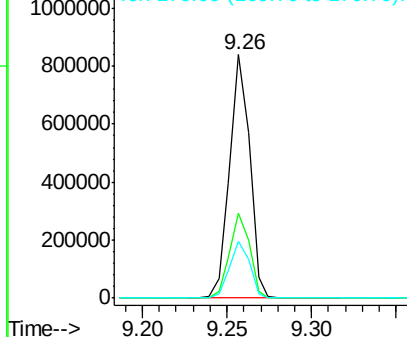
Lab File: BF113863.D

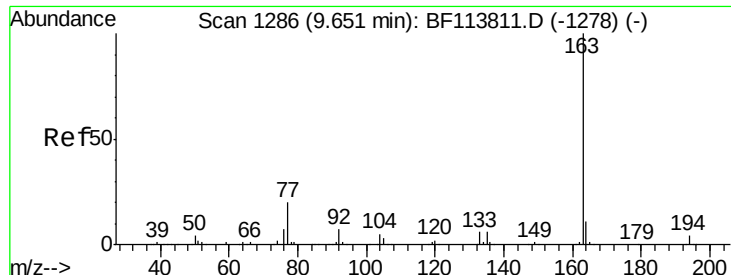
Acq: 19 Apr 2019 17:21

Tgt Ion:	172	Resp:	692996
Ion Ratio	Lower	Upper	
172	100		
171	35.0	29.4	44.0
170	23.3	19.9	29.9



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





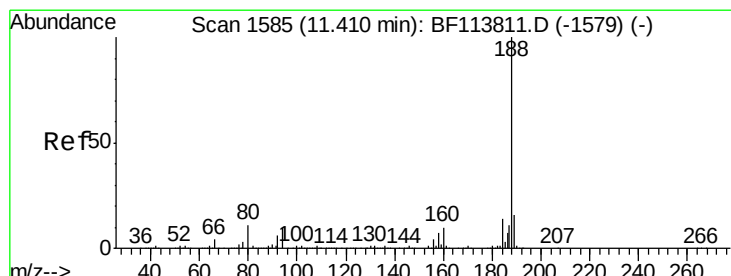
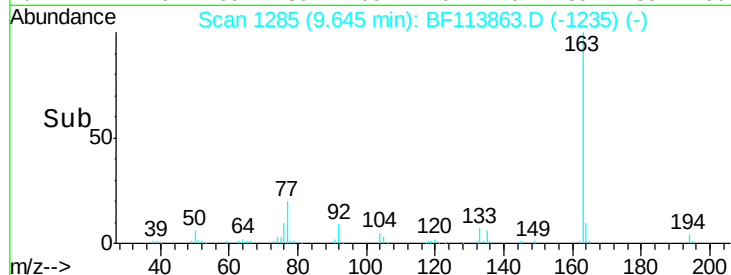
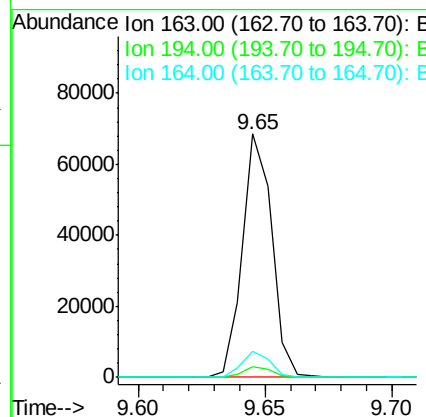
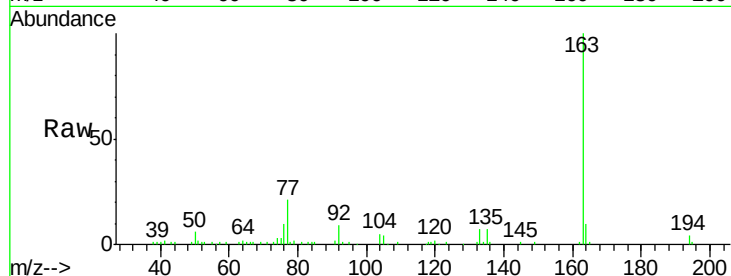
#50
Dimethylphthalate
Concen: 2.637 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-C

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.4	3.4	5.2
164	10.4	8.5	12.7

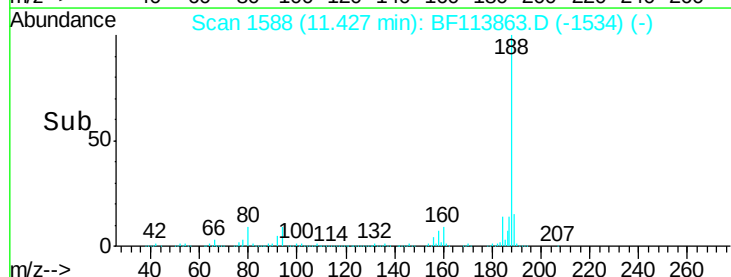
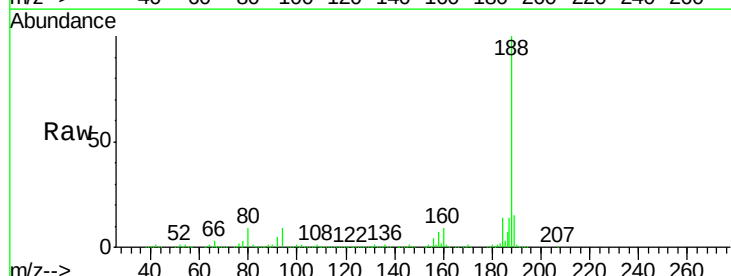
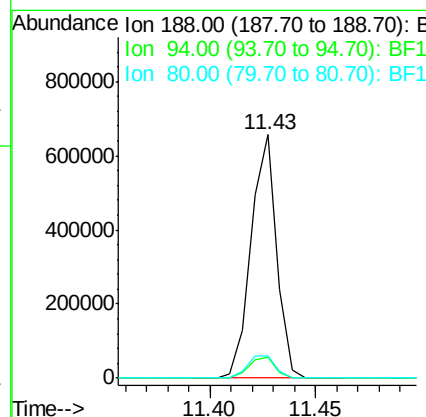
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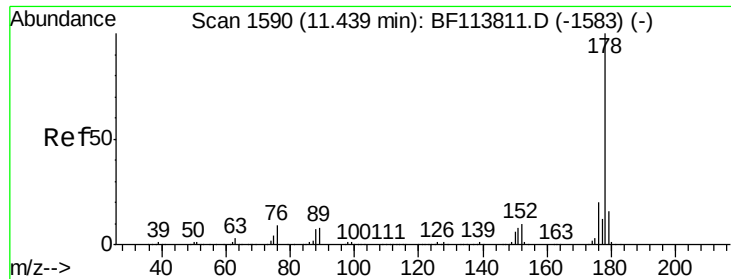
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.02 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.6	8.2	12.4
80	9.3	9.0	13.6





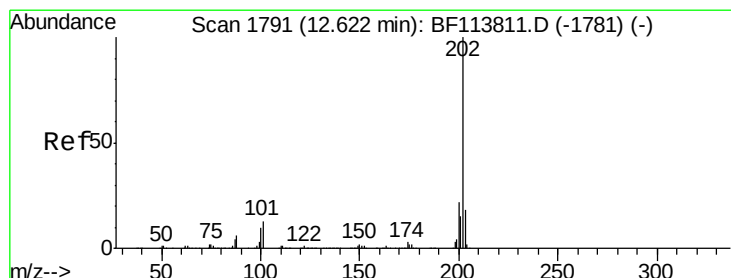
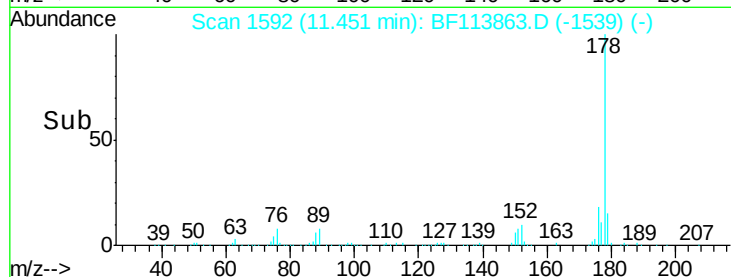
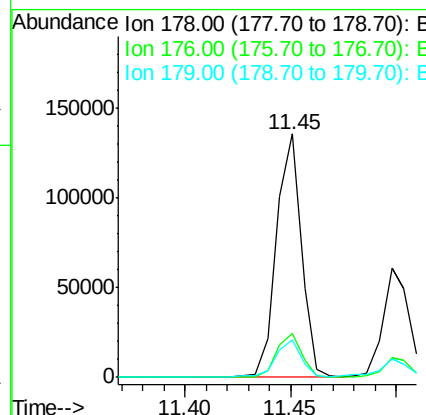
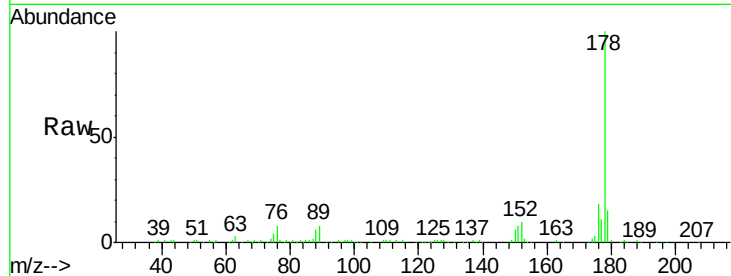
#71
Phenanthrene
Concen: 3.984 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.01 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-C

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	111463		
176	18.1	16.1	24.1	
179	15.2	12.8	19.2	

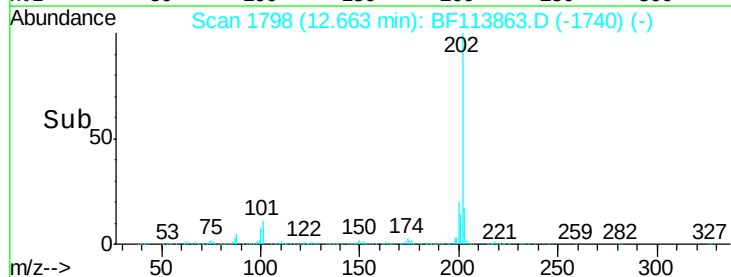
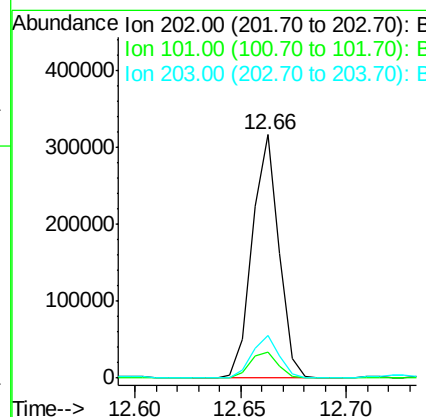
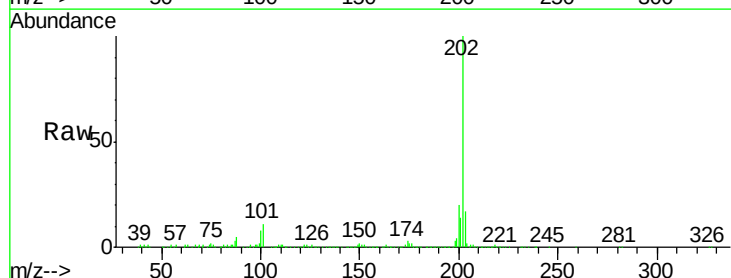
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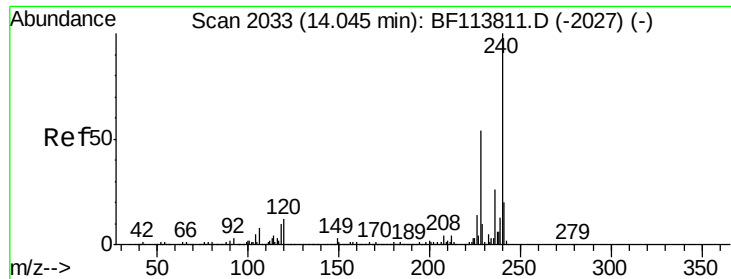
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#75
Fluoranthene
Concen: 9.331 ng
RT: 12.66 min Scan# 1798
Delta R.T. 0.04 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	276656		
101	10.7	0.0	32.9	
203	17.4	0.0	38.2	





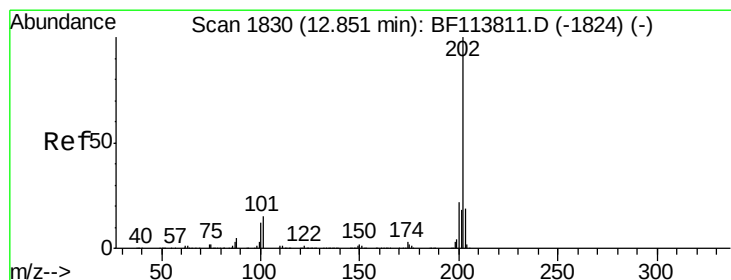
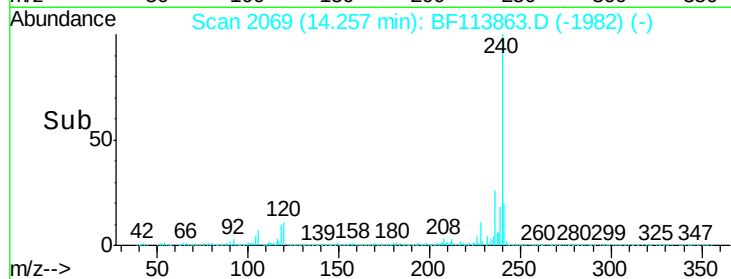
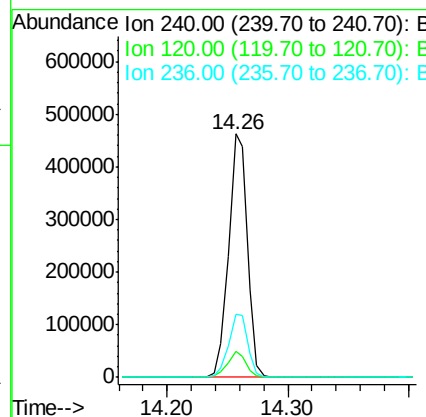
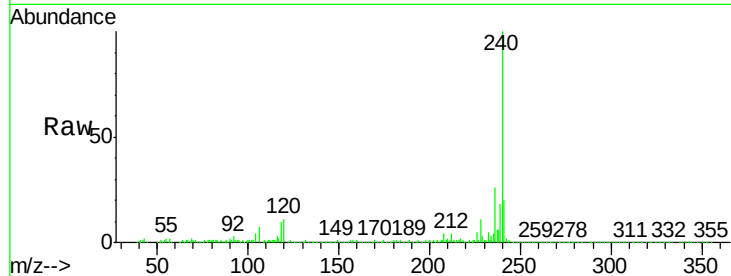
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.26 min Scan# 2069
Delta R.T. 0.21 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-C

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	492979		
120	10.7	9.3	13.9	
236	26.0	21.2	31.8	

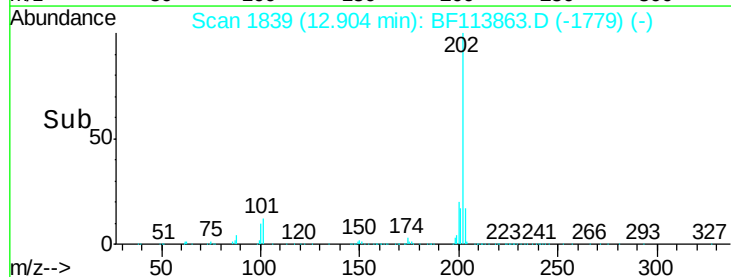
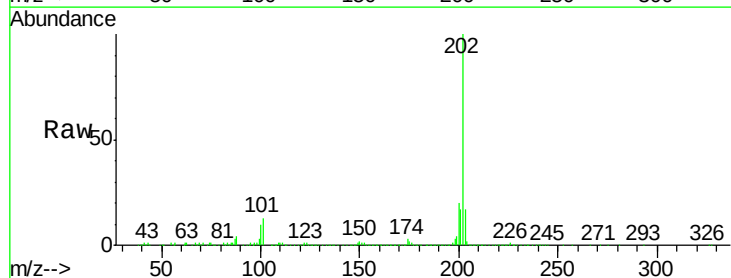
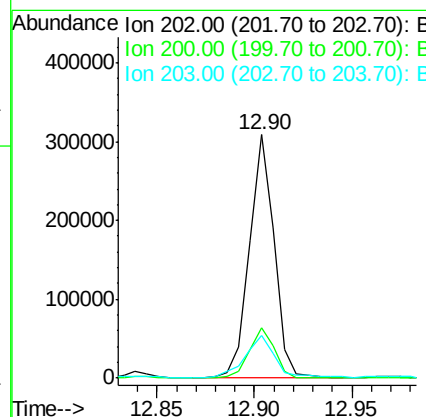
Manual Integrations
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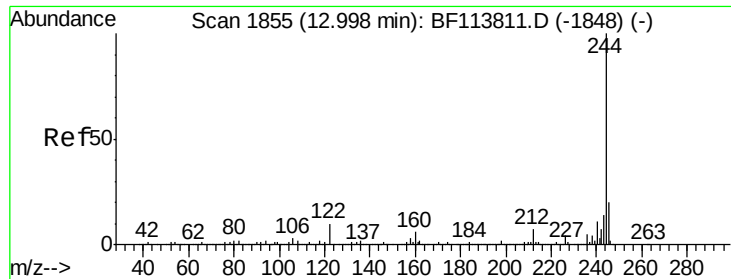
Sohil
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#78
Pyrene
Concen: 7.756 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.05 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	269452		
200	20.5	17.7	26.5	
203	17.5	15.0	22.6	





#79

Terphenyl-d14

Concen: 32.519 ng

RT: 13.06 min Scan# 1865

Delta R.T. 0.06 min

Lab File: BF113863.D

Acq: 19 Apr 2019 17:21

Instrument :

BNA_F

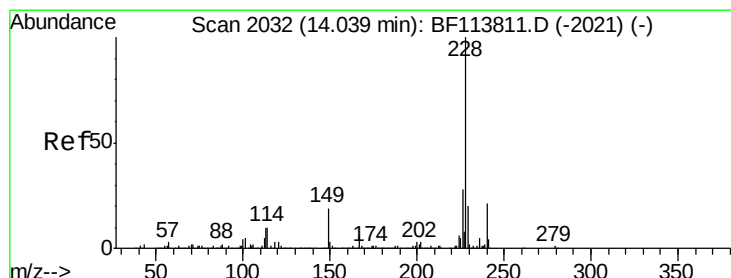
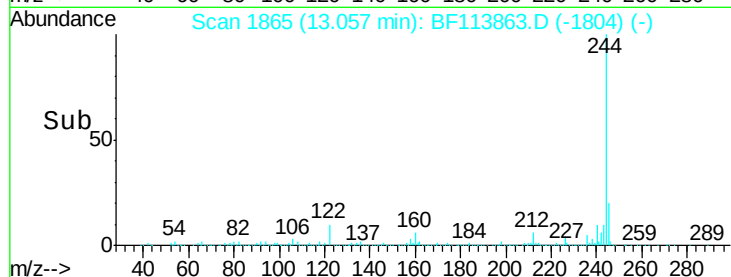
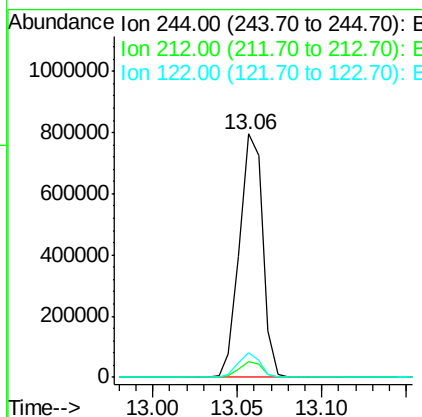
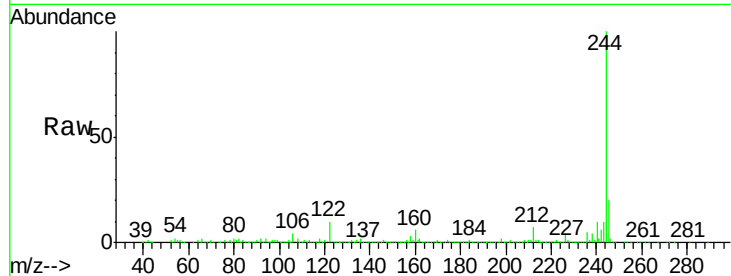
ClientSampleId :

PL-01-041819-C

Tgt Ion:	244	Resp:	764506
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.4	8.2
122	10.1	7.6	11.4

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#81

Benzo(a)anthracene

Concen: 5.990 ng m

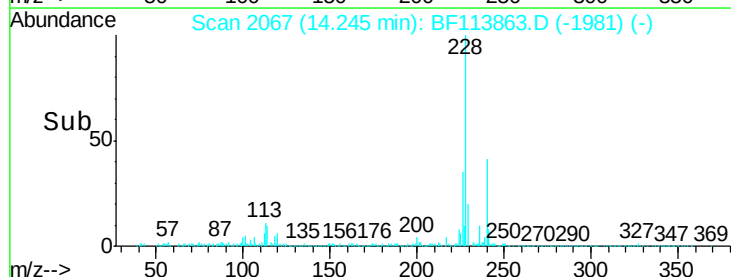
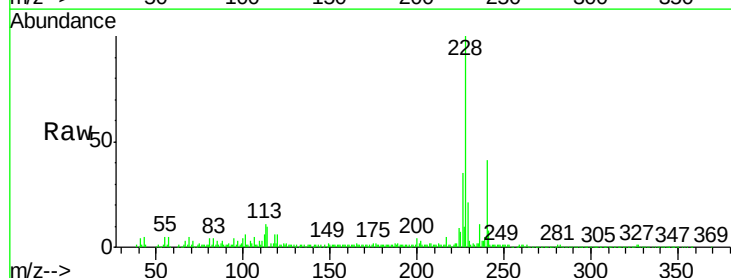
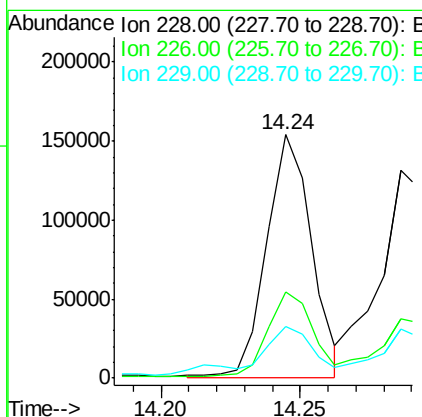
RT: 14.24 min Scan# 2067

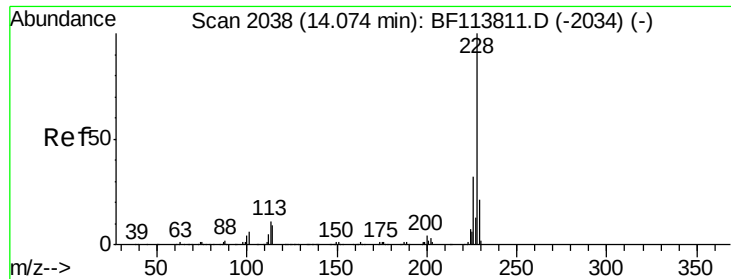
Delta R.T. 0.21 min

Lab File: BF113863.D

Acq: 19 Apr 2019 17:21

Tgt Ion:	228	Resp:	172607
Ion Ratio	Lower	Upper	
228	100		
226	35.5	22.2	33.2#
229	21.2	16.0	24.0





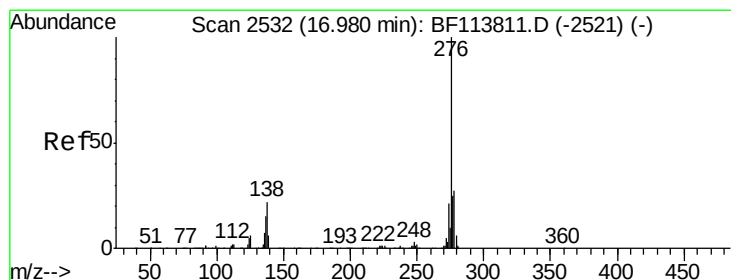
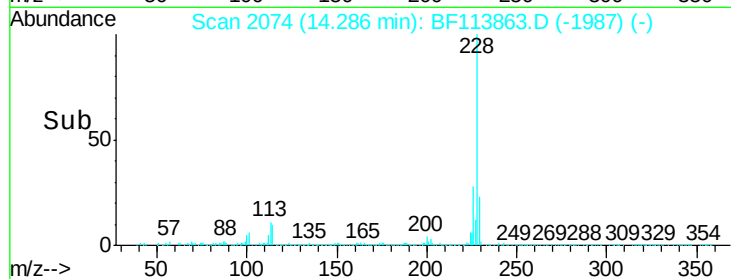
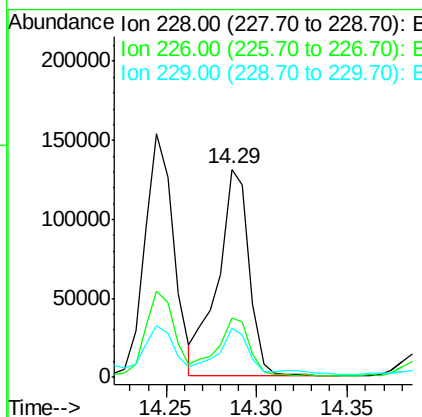
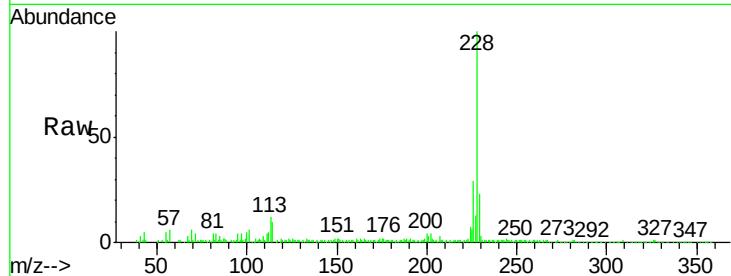
#83
Chrysene
Concen: 5.483 ng
RT: 14.29 min Scan# 2074
Delta R.T. 0.21 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-C

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	156835		
226	28.8	25.2	37.8	
229	23.3	16.7	25.1	

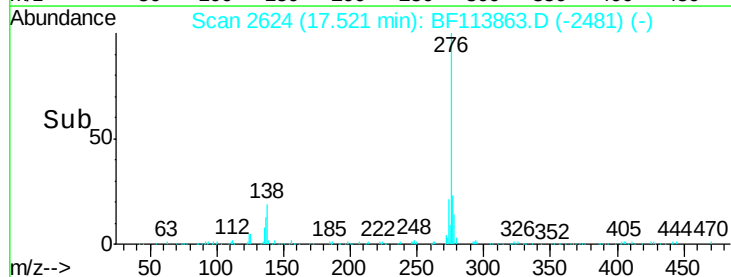
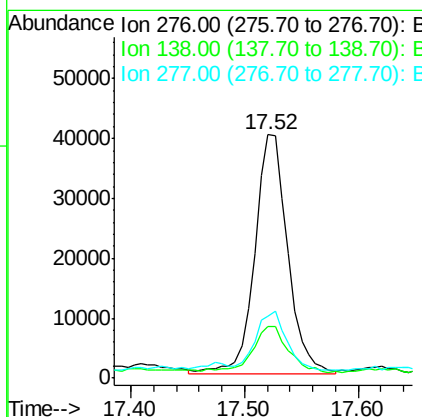
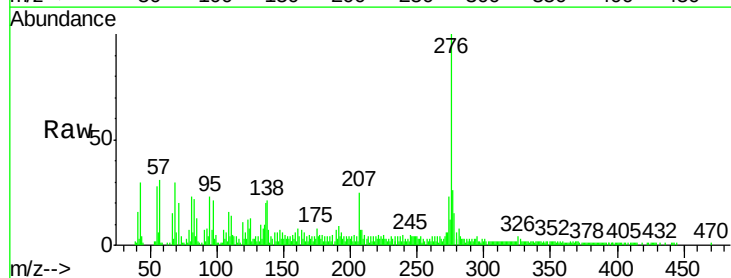
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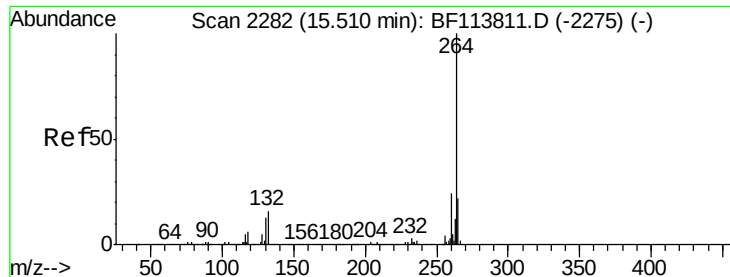
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#86
Indeno(1,2,3-cd)pyrene
Concen: 3.443 ng m
RT: 17.52 min Scan# 2624
Delta R.T. 0.54 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	80385		
138	0.5	19.6	29.4#	
277	1.6	20.2	30.4#	





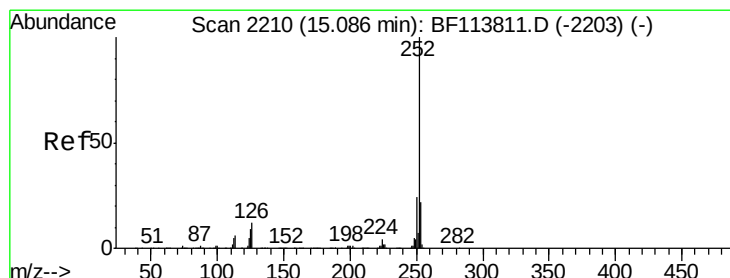
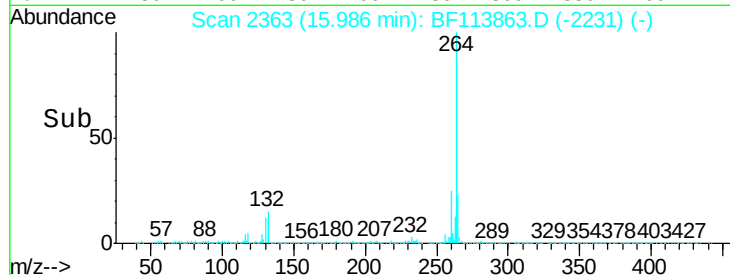
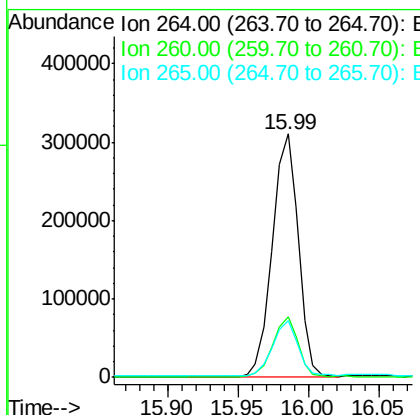
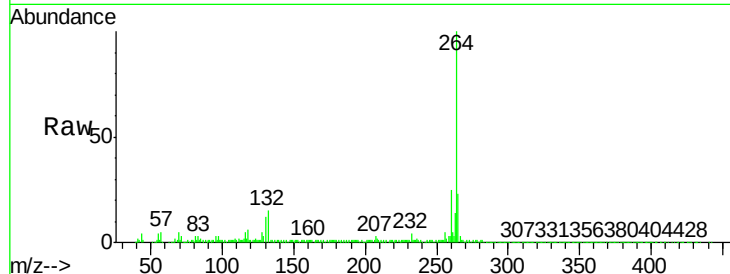
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.99 min Scan# 2363
Delta R.T. 0.48 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-C

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	399081		
260	25.1	18.9	28.3	
265	23.3	17.3	25.9	

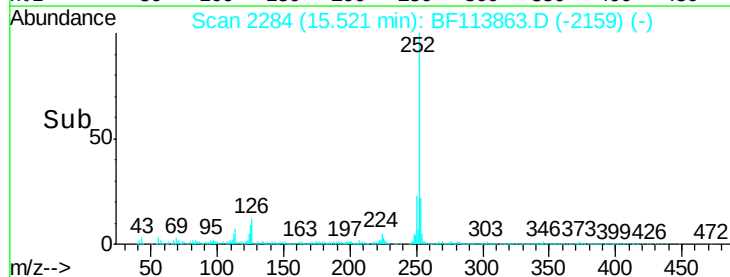
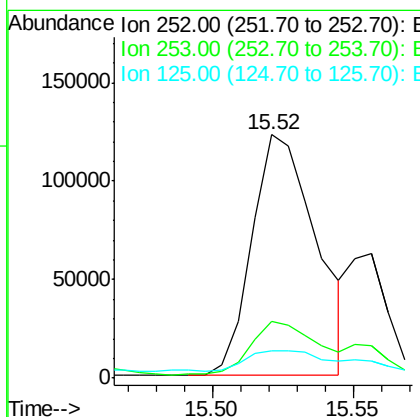
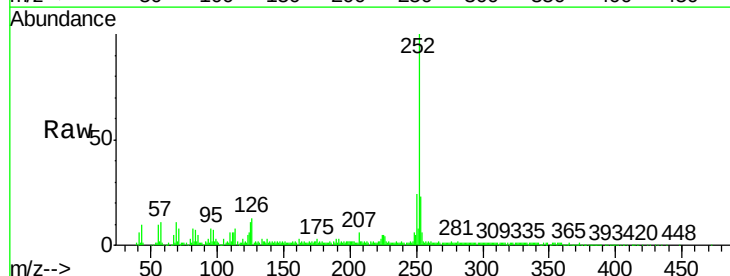
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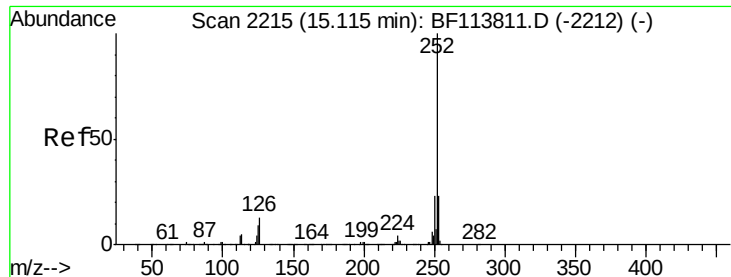
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#88
Benzo(b)fluoranthene
Concen: 7.802 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.44 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	194109		
253	23.2	17.8	26.6	
125	11.2	7.0	10.6	





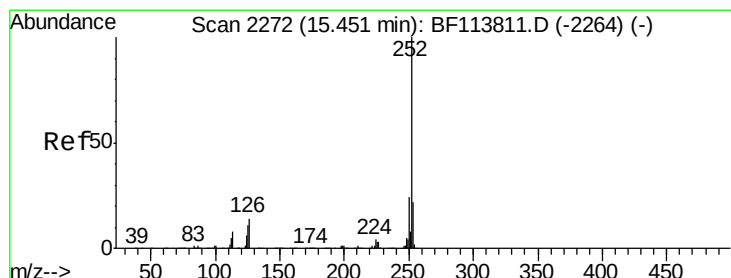
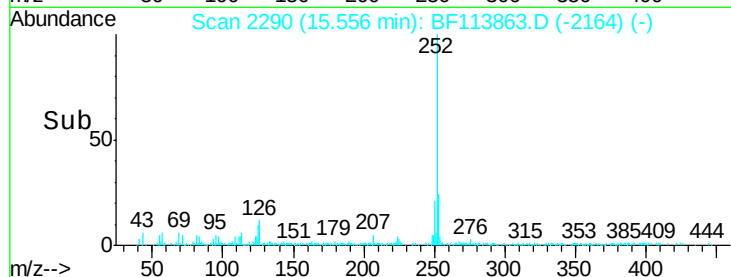
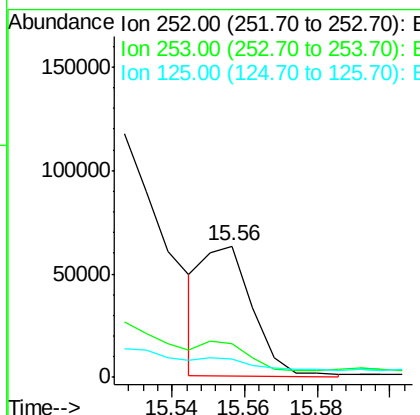
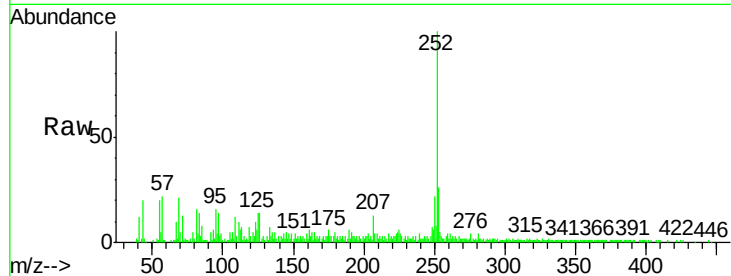
#89
Benzo(k)fluoranthene
Concen: 2.641 ng m
RT: 15.56 min Scan# 2290
Delta R.T. 0.44 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-C

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.2	27.2
125	14.1	7.4	11.2

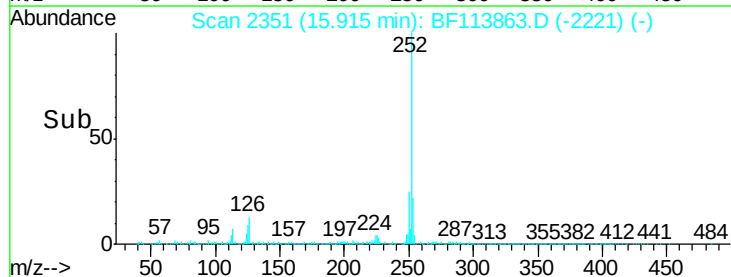
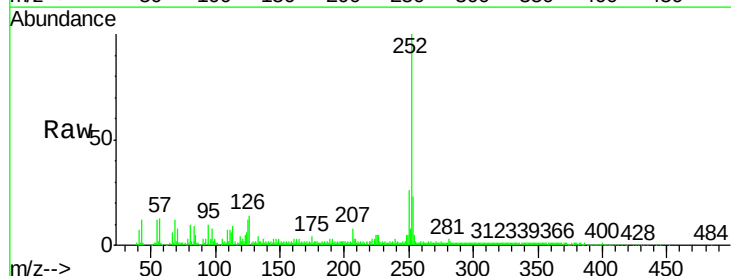
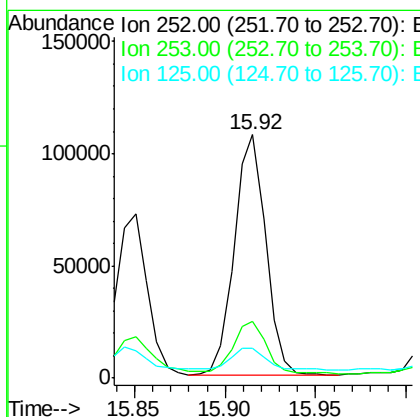
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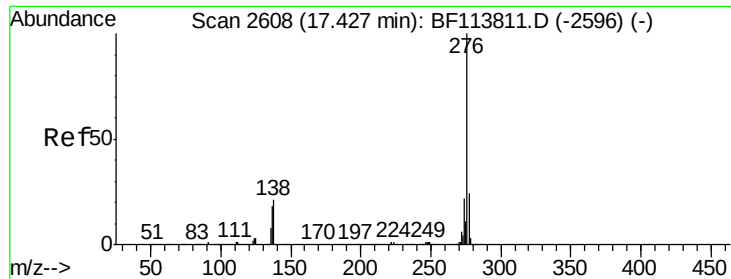
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#90
Benzo(a)pyrene
Concen: 5.869 ng
RT: 15.92 min Scan# 2351
Delta R.T. 0.46 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	12.2	8.5	12.7





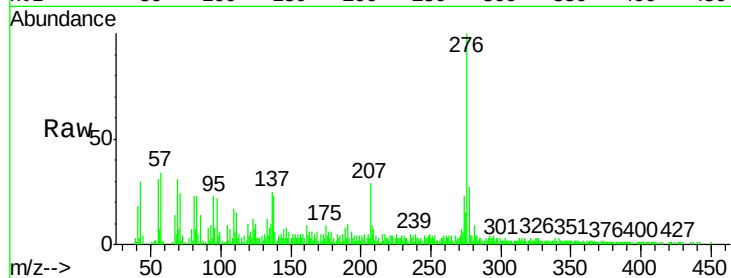
#92
 Benzo(g,h,i)perylene
 Concen: 3.516 ng
 RT: 17.98 min Scan# 2702
 Delta R.T. 0.55 min
 Lab File: BF113863.D
 Acq: 19 Apr 2019 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-041819-C

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.2	19.0	28.4
138	23.2	16.6	25.0

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

