

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
 Data File : BF113565.D
 Acq On : 4 Apr 2019 1:48
 Operator : JU/SJ
 Sample : K2197-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-040219-A

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Quant Time: Apr 04 06:55:27 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	136734	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	482581	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	199233	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	365009	20.00	ng	0.00
76) Chrysene-d12	13.84	240	311594	20.00	ng	0.00
87) Perylene-d12	15.25	264	224107	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	385816	48.12	ng	0.00
7) Phenol-d6	6.33	99	513301	51.94	ng	-0.01
23) Nitrobenzene-d5	7.25	82	275253	33.41	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	89725	37.49	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	524924	42.42	ng	0.00
79) Terphenyl-d14	12.79	244	534137	34.90	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.44	163	45649	3.108	ng	99
71) Phenanthrene	11.23	178	134266	7.403	ng	98
72) Anthracene	11.28	178	59136	3.205	ng	99
75) Fluoranthene	12.42	202	149864	7.711	ng	99
78) Pyrene	12.65	202	150342	6.341	ng	98
81) Benzo(a)anthracene	13.83	228	54873	3.053	ng	97
83) Chrysene	13.86	228	54361	2.983	ng	96
88) Benzo(b)fluoranthene	14.86	252	46723m	3.406	ng	
90) Benzo(a)pyrene	15.20	252	32966	2.704	ng	# 80

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

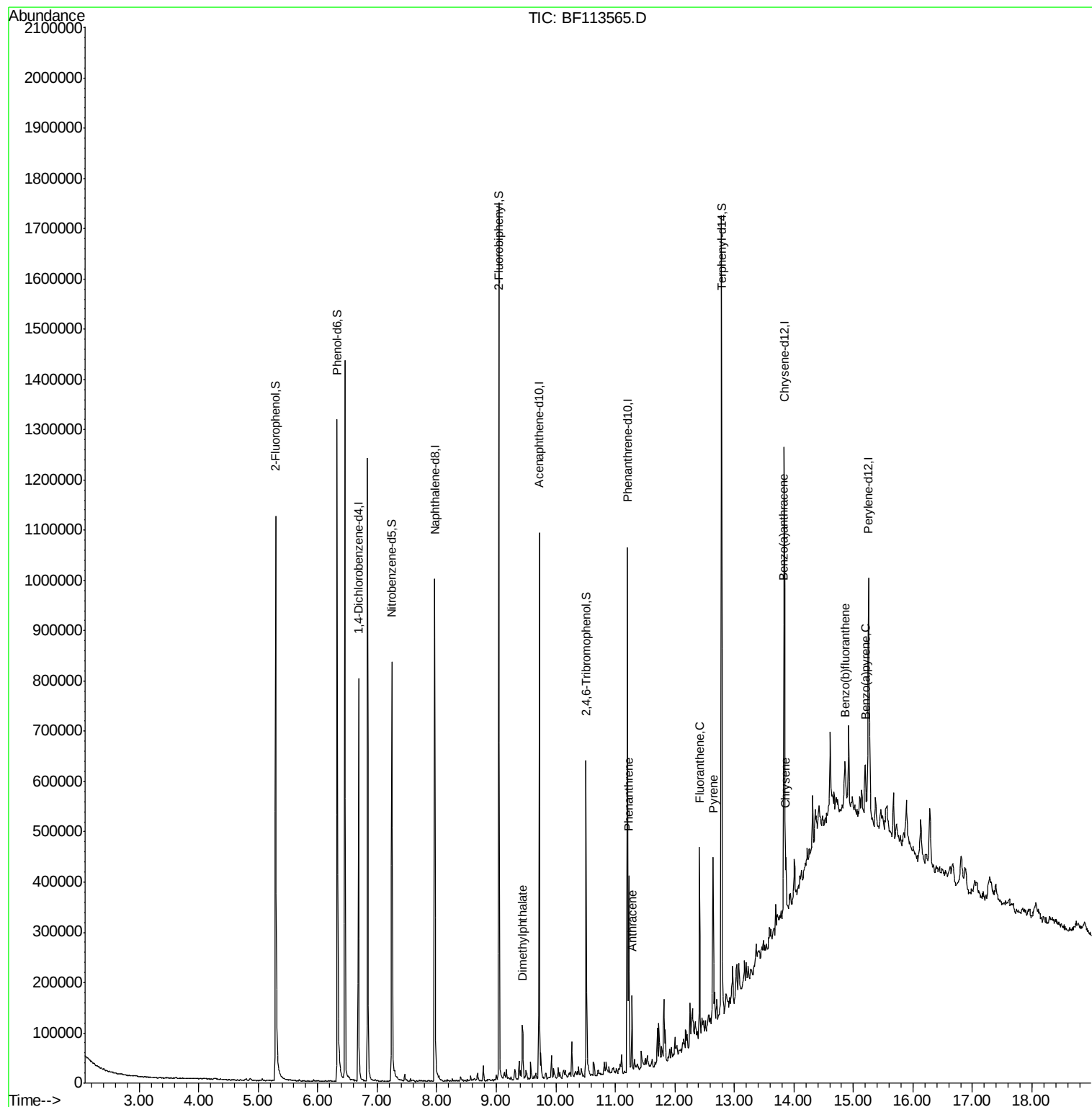
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
Data File : BF113565.D
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Operator : JU/SJ
Sample : K2197-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

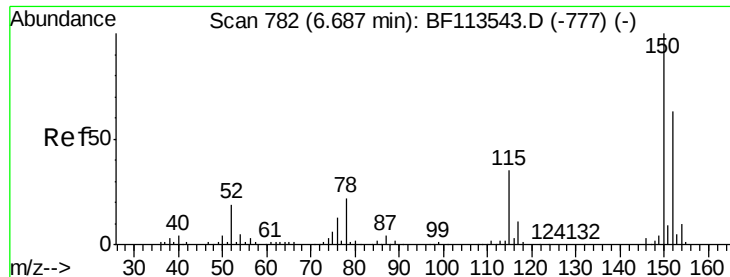
Instrument :
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ClientSampleId :
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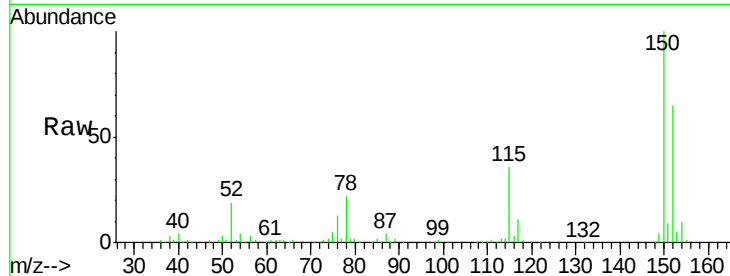
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF113565.D
 Acq: 4 Apr 2019 1:48

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-040219-A

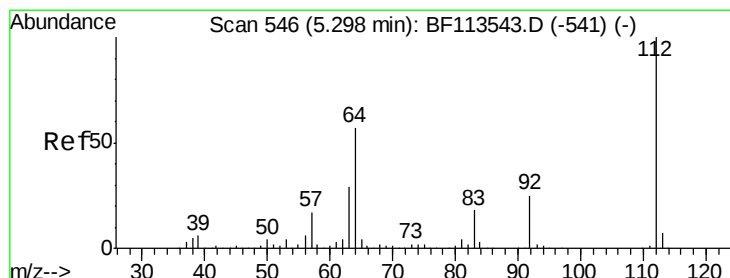
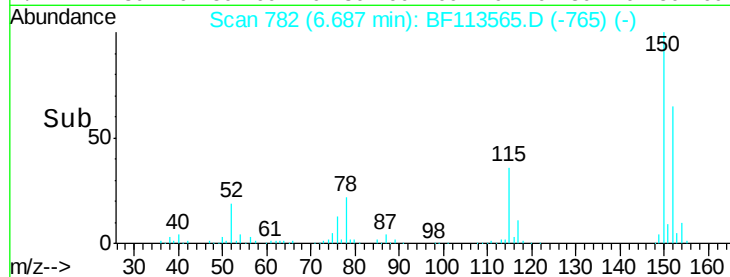
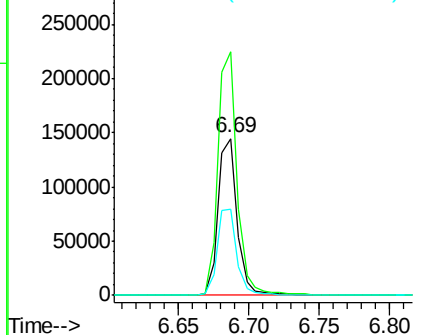
Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.7	187.1
115	55.1	46.0	69.0

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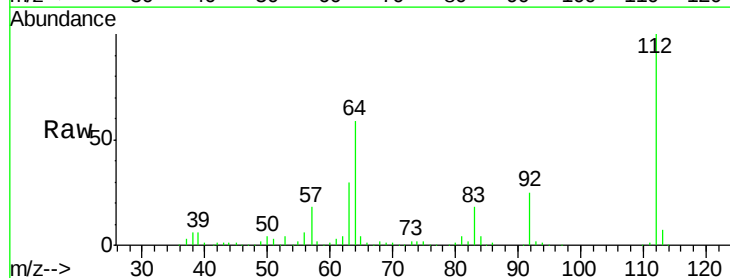


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

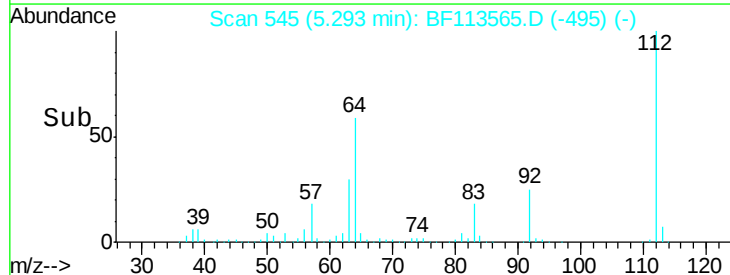
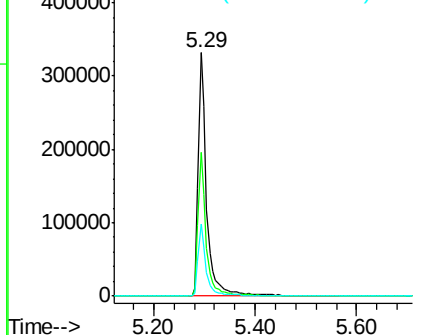


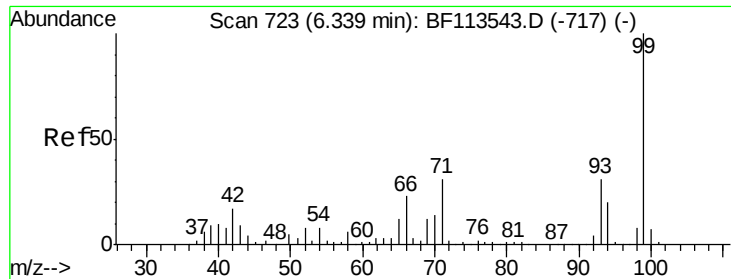
#5
 2-Fluorophenol
 Concen: 48.116 ng
 RT: 5.29 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: BF113565.D
 Acq: 4 Apr 2019 1:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	49.2	73.8
63	29.7	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: 51.939 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113565.D

Acq: 4 Apr 2019 1:48

Instrument :

BNA_F

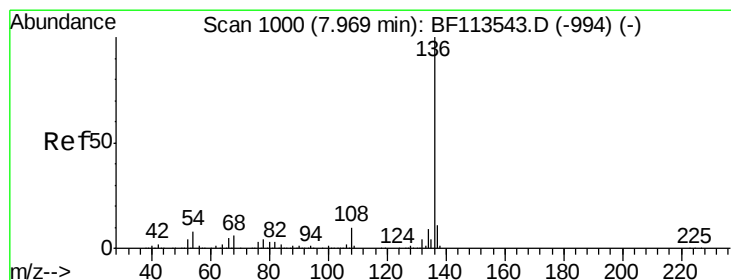
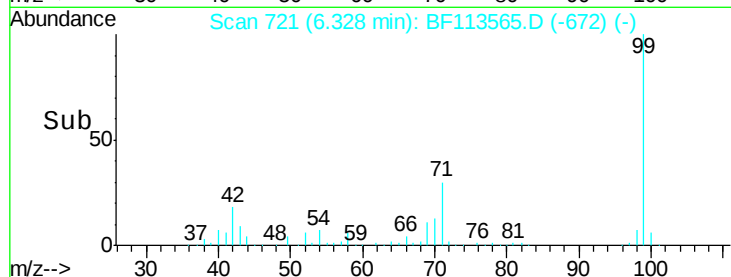
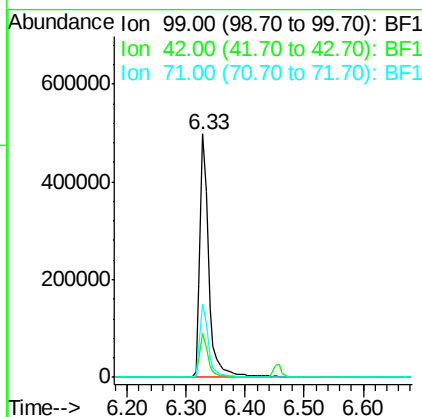
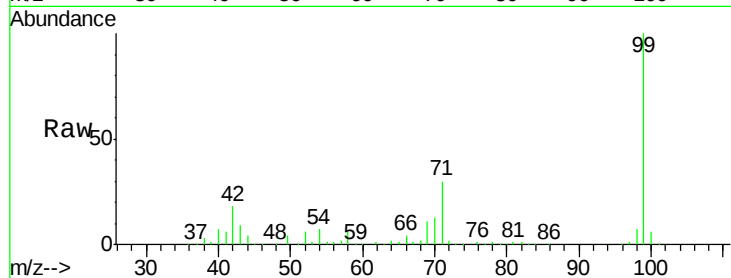
ClientSampleId :

CL-02-040219-A

Tgt Ion:	99	Resp:	513301
Ion Ratio	Lower	Upper	
99	100		
42	17.8	14.8	22.2
71	30.0	24.9	37.3

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#21

Naphthalene-d8

Concen: 20.000 ng

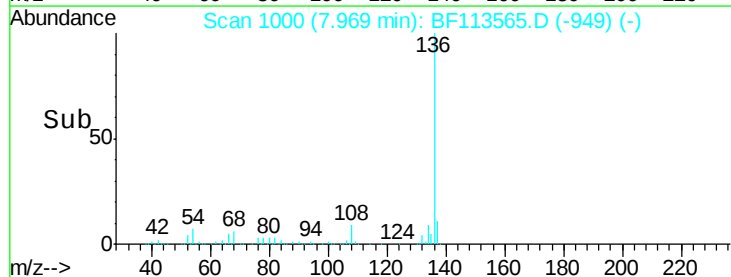
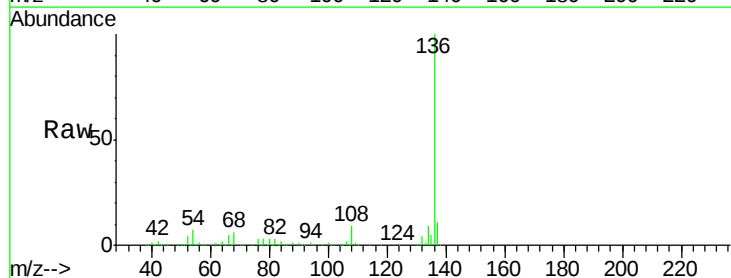
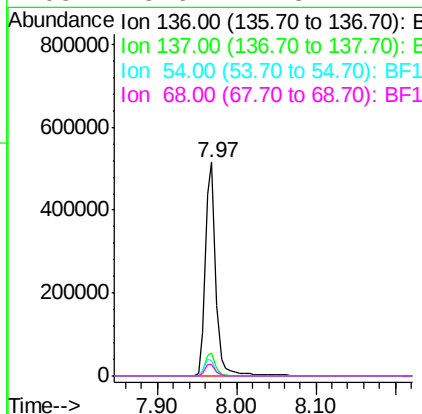
RT: 7.97 min Scan# 1000

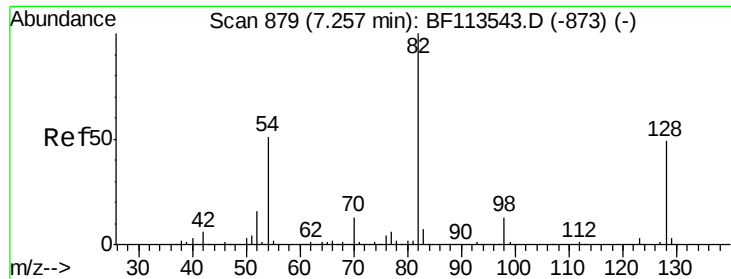
Delta R.T. 0.00 min

Lab File: BF113565.D

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Tgt Ion:	136	Resp:	482581
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	7.2	7.0	10.6
68	5.6	4.8	7.2





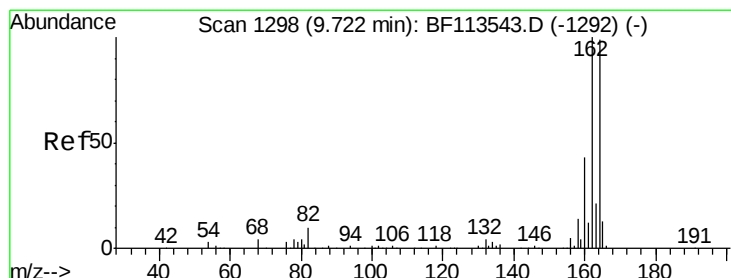
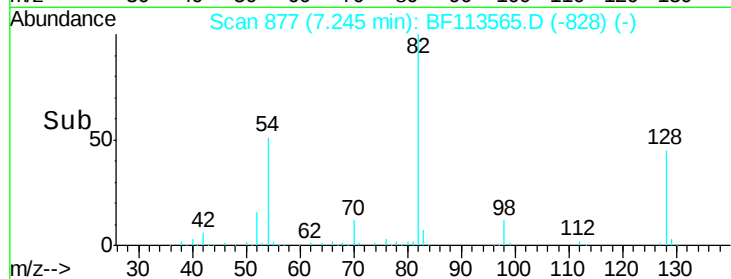
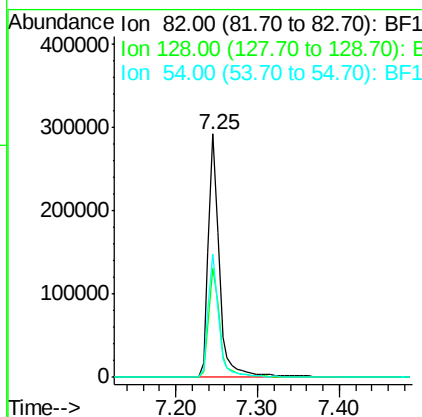
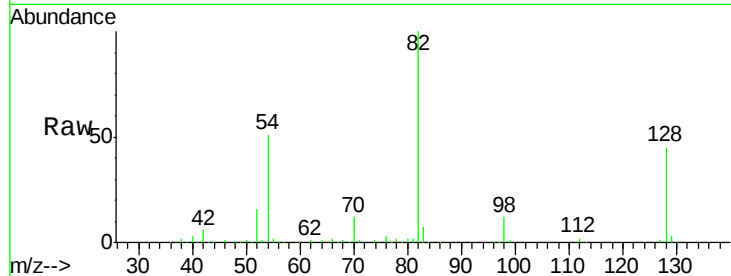
#23
Nitrobenzene-d5
Concen: 33.410 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF113565.D
Acq: 4 Apr 2019 1:48

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
82	100	275253		
128	45.0	36.5	54.7	
54	50.8	42.2	63.2	

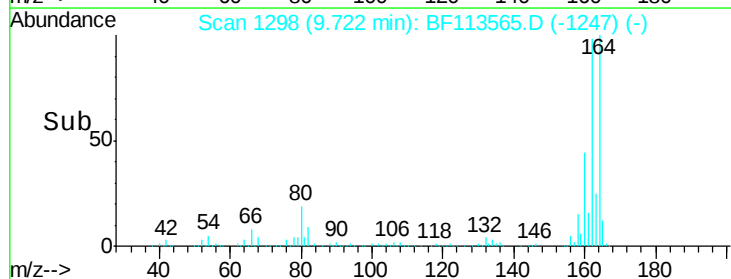
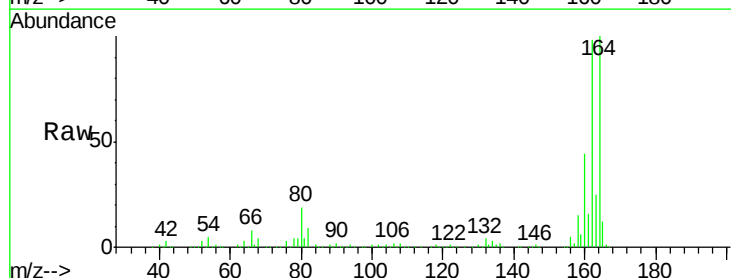
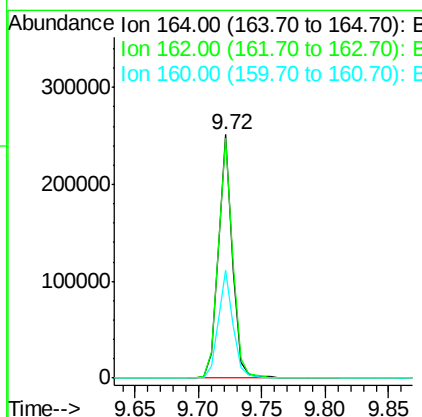
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF113565.D
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Tgt Ion	Ratio	Resp	Lower	Upper
164	100	199233		
162	98.3	81.8	122.6	
160	44.4	36.4	54.6	





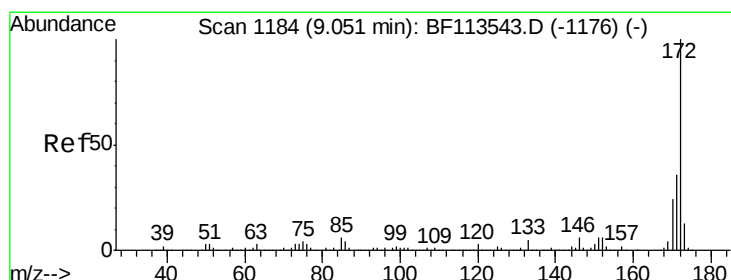
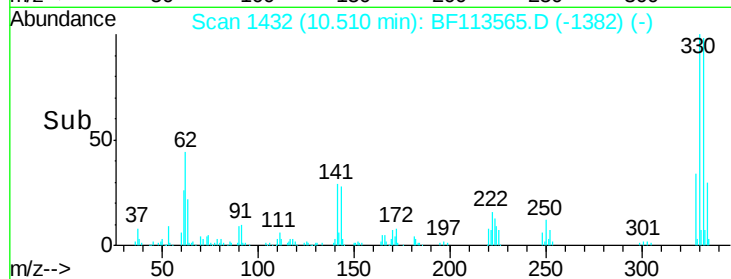
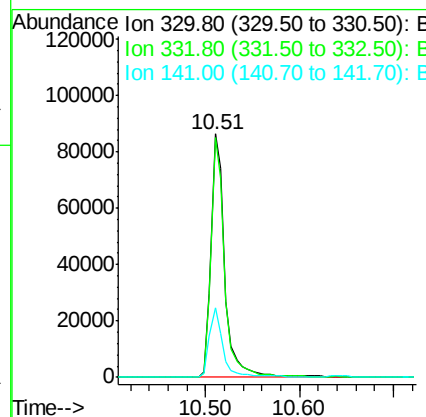
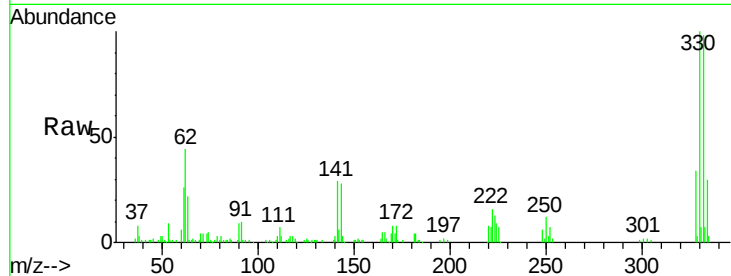
#42
 2,4,6-Tribromophenol
 Concen: 37.490 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF113565.D
 Acq: 4 Apr 2019 1:48

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-040219-A

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	89725		
332	96.4	77.8	116.6	
141	28.4	22.7	34.1	

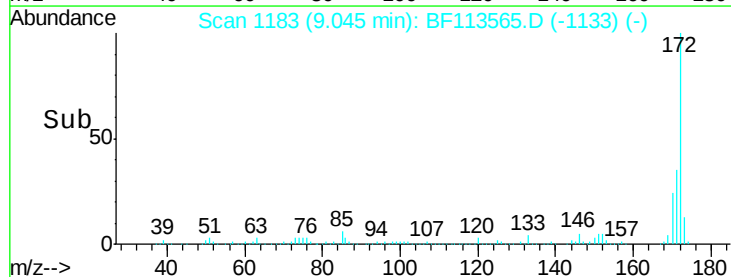
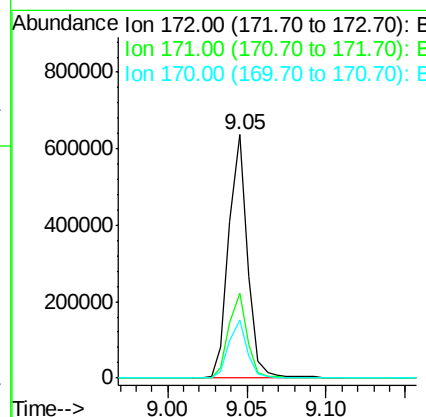
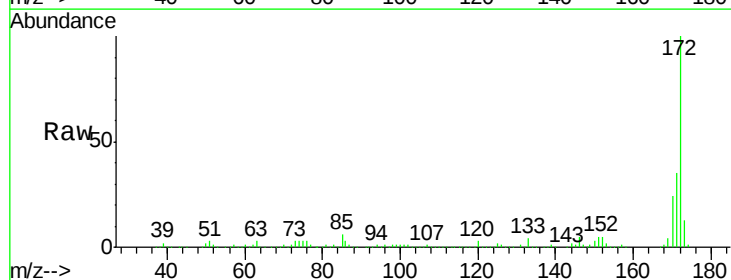
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#45
 2-Fluorobiphenyl
 Concen: 42.416 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF113565.D
 Acq: 4 Apr 2019 1:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	524924		
171	35.1	29.0	43.6	
170	23.7	19.5	29.3	





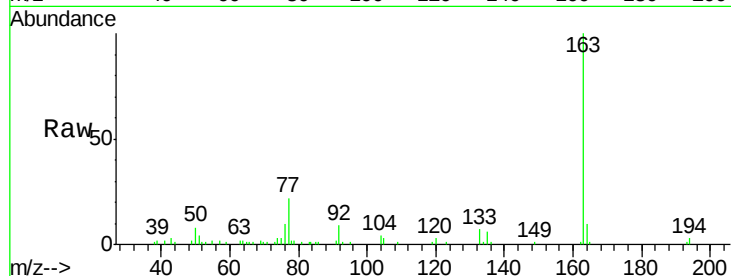
#50
Dimethylphthalate
Concen: 3.108 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF113565.D
Acq: 4 Apr 2019 1:48

Instrument :
BNA_F
ClientSampleId :
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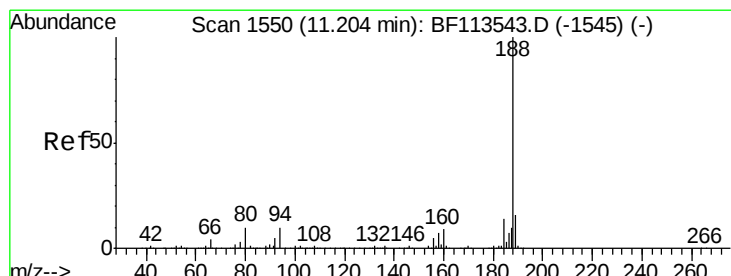
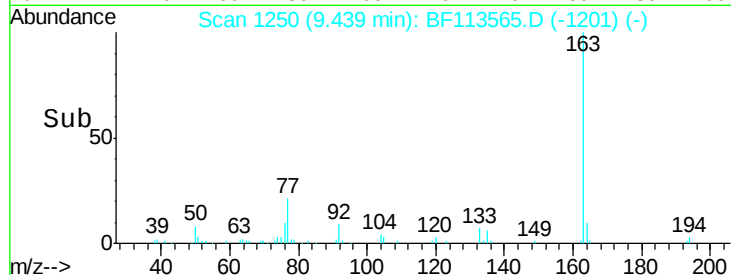
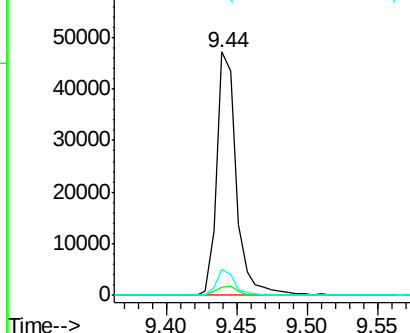
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	45649		
194	3.5		3.0	4.6
164	10.5		8.1	12.1

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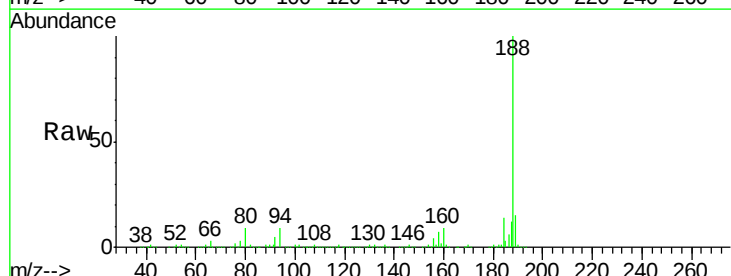


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

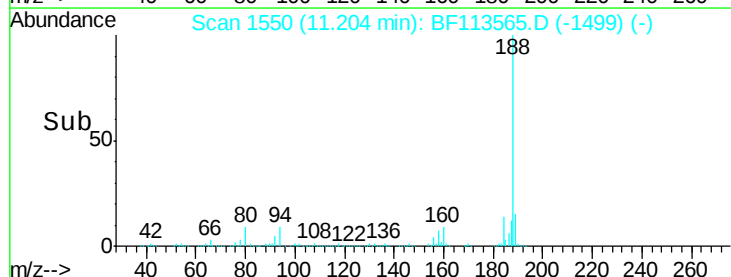
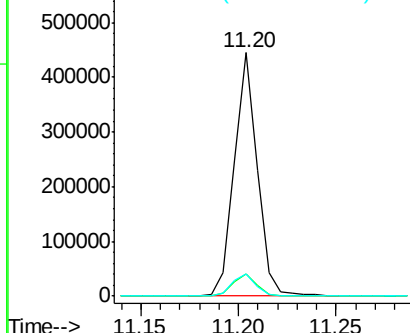


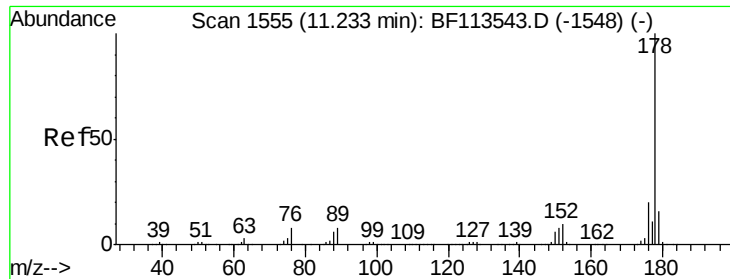
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF113565.D
Acq: 4 Apr 2019 1:48

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	365009		
94	8.9		7.0	10.6
80	9.3		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





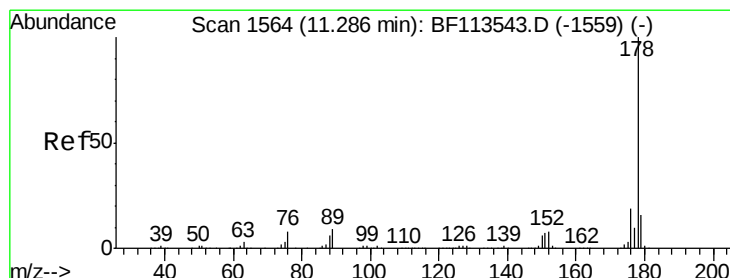
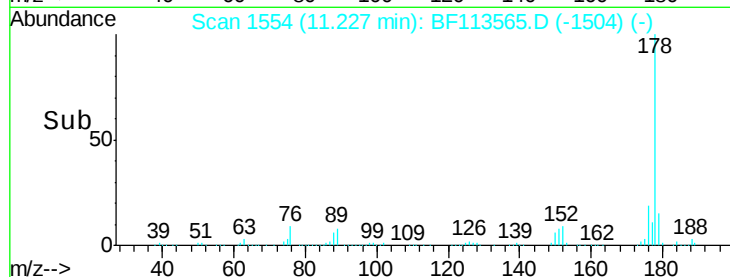
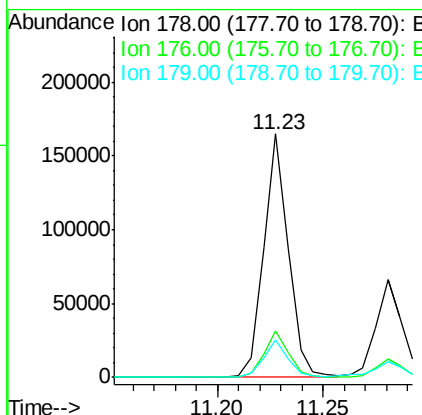
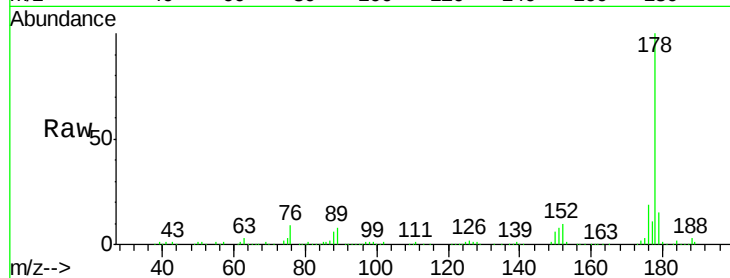
#71
 Phenanthrene
 Concen: 7.403 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF113565.D
 Acq: 4 Apr 2019 1:48

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Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.2	24.2
179	15.3	12.7	19.1

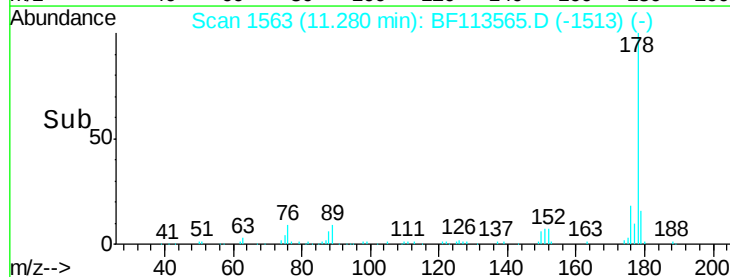
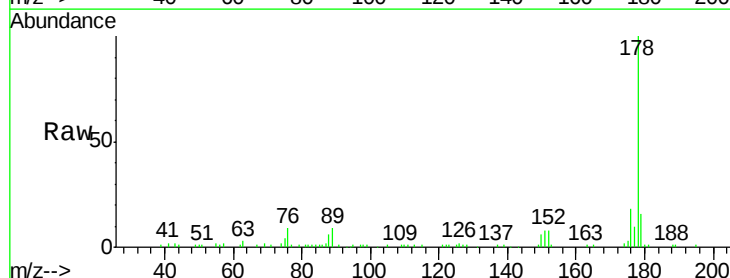
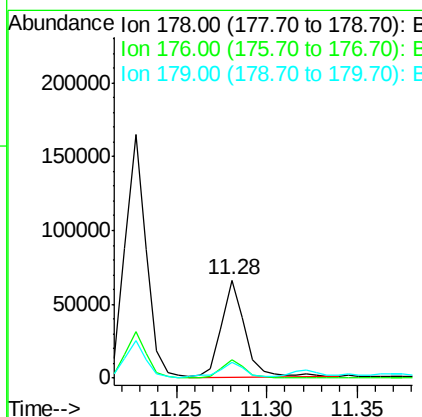
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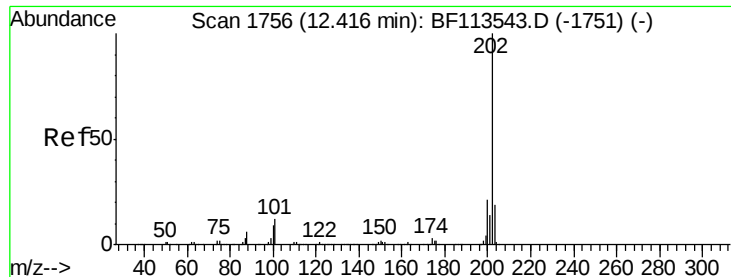
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#72
 Anthracene
 Concen: 3.205 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF113565.D
 Acq: 4 Apr 2019 1:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	16.1	12.8	19.2





#75

Fluoranthene

Concen: 7.711 ng

RT: 12.42 min Scan# 1756

Delta R.T. 0.00 min

Lab File: BF113565.D

Acq: 4 Apr 2019 1:48

Instrument :

BNA_F

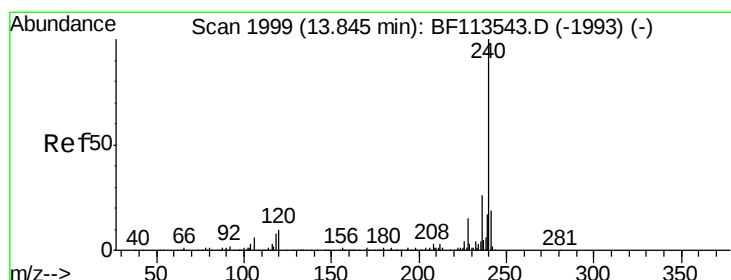
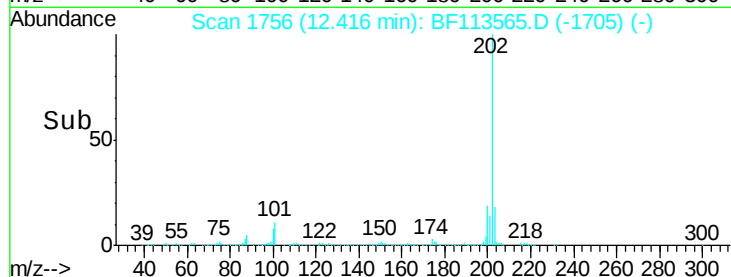
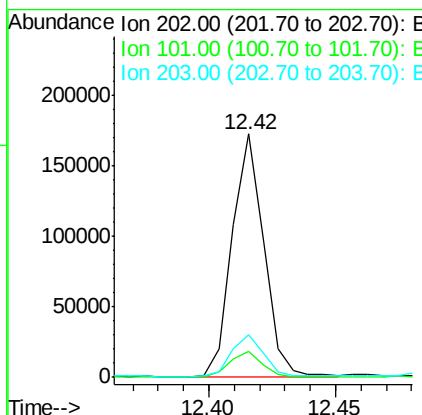
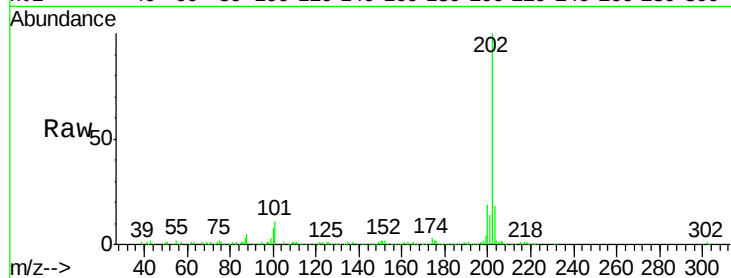
ClientSampleId :

CL-02-040219-A

Tgt Ion:	202	Resp:	149864
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	31.4
203	17.7	0.0	38.0

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#76

Chrysene-d12

Concen: 20.000 ng

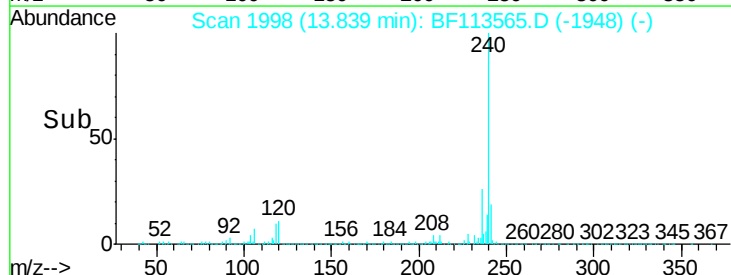
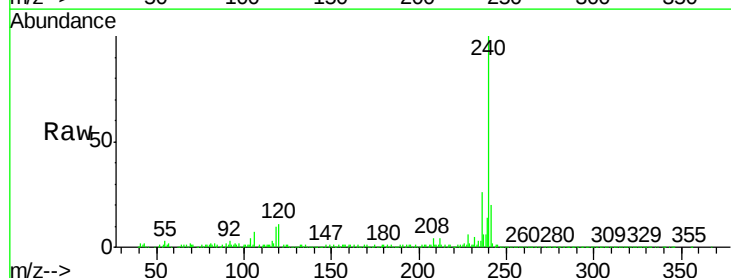
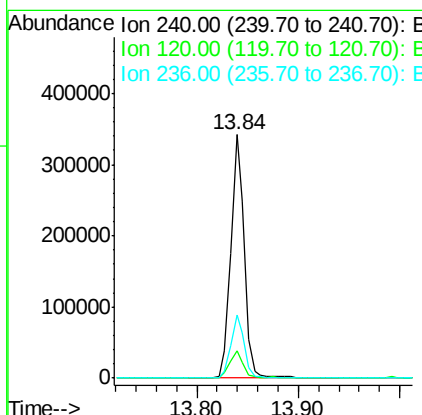
RT: 13.84 min Scan# 1998

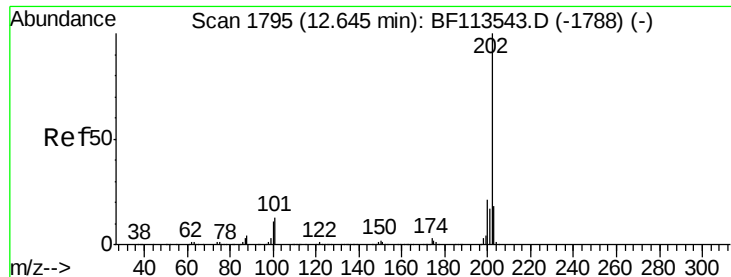
Delta R.T. -0.01 min

Lab File: BF113565.D

Acq: 4 Apr 2019 1:48

Tgt Ion:	240	Resp:	311594
Ion Ratio	Lower	Upper	
240	100		
120	11.3	8.8	13.2
236	26.0	20.9	31.3





#78

Pyrene

Concen: 6.341 ng

RT: 12.65 min Scan# 1795

Delta R.T. 0.00 min

Lab File: BF113565.D

Acq: 4 Apr 2019 1:48

Instrument :

BNA_F

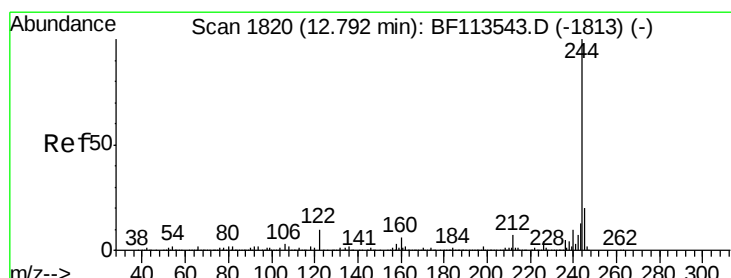
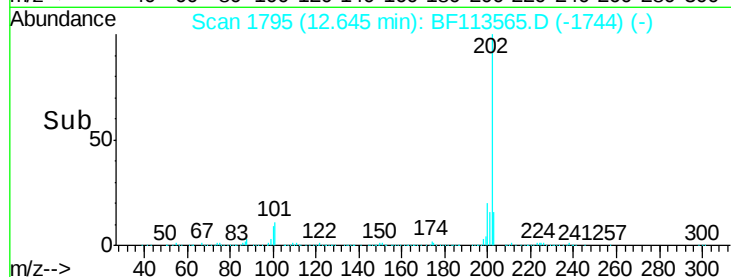
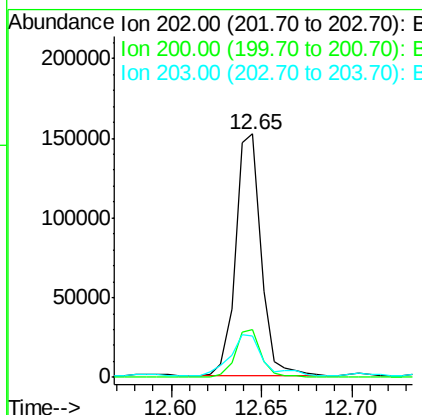
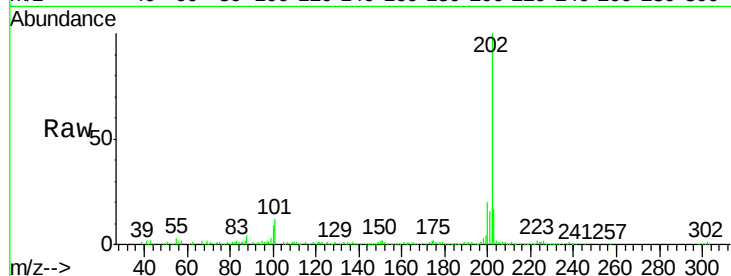
ClientSampleId :

CL-02-040219-A

Tgt Ion:	202	Resp:	150342
Ion Ratio	Lower	Upper	
202	100		
200	19.8	16.8	25.2
203	17.1	14.4	21.6

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#79

Terphenyl-d14

Concen: 34.902 ng

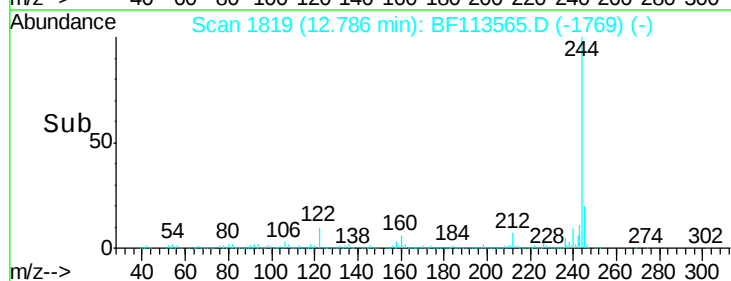
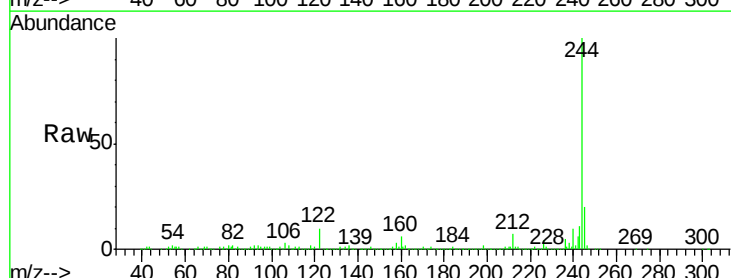
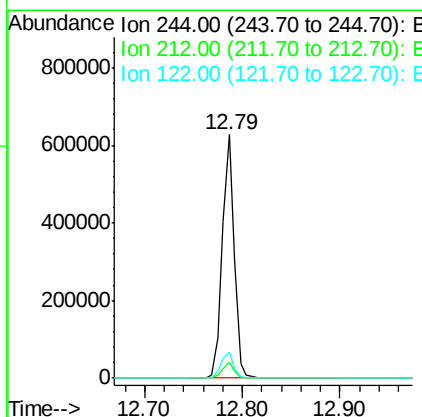
RT: 12.79 min Scan# 1819

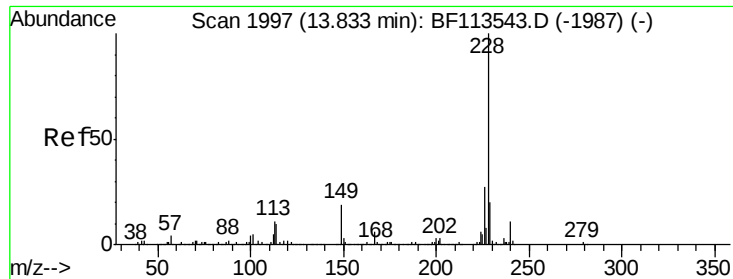
Delta R.T. -0.01 min

Lab File: BF113565.D

Acq: 4 Apr 2019 1:48

Tgt Ion:	244	Resp:	534137
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.5	8.3
122	10.4	8.6	13.0





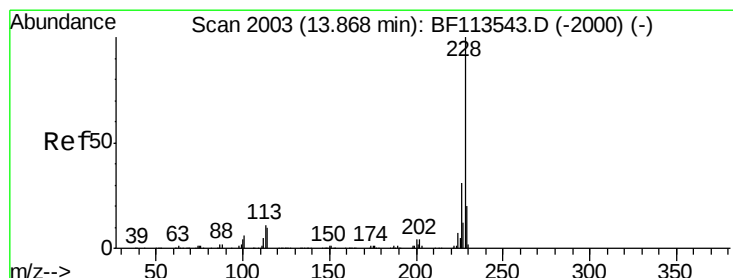
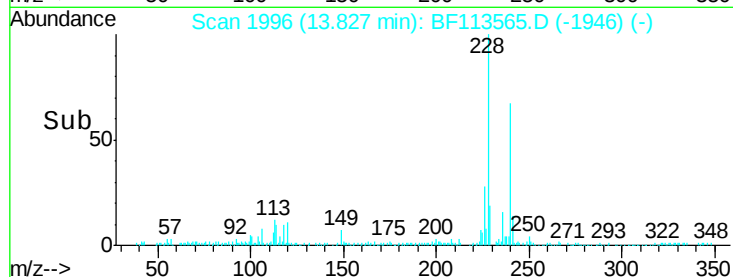
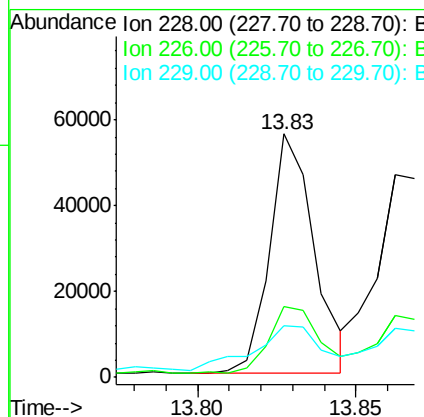
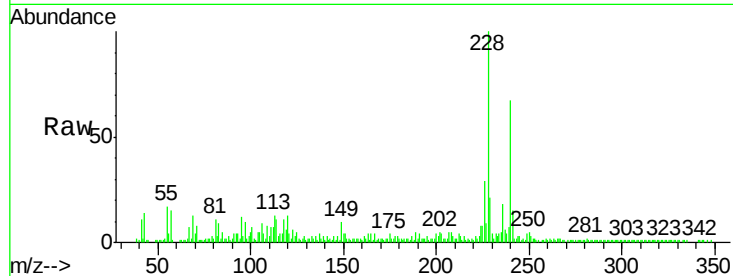
#81
Benzo(a)anthracene
Concen: 3.053 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF113565.D
Acq: 4 Apr 2019 1:48

Instrument :
BNA_F
ClientSampleId :
CL-02-040219-A

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	21.8	32.8
229	21.2	16.2	24.4

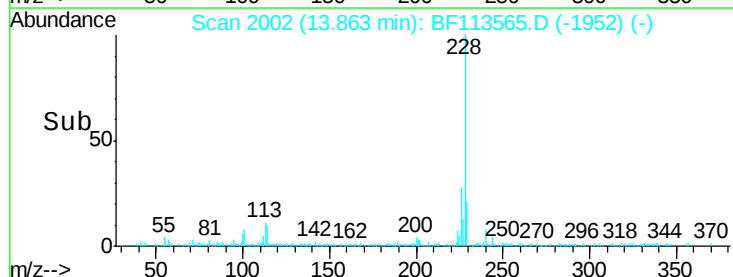
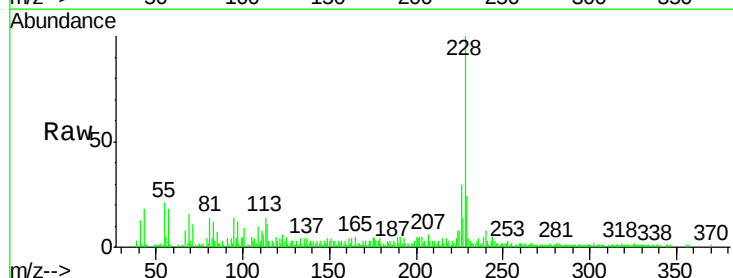
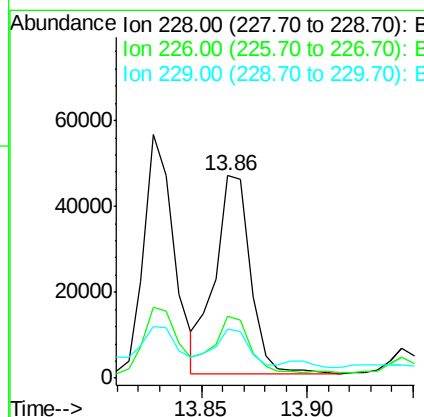
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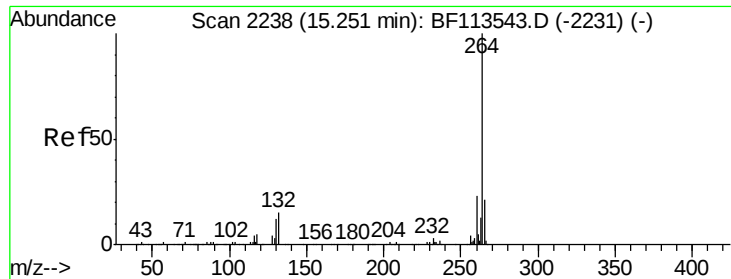
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#83
Chrysene
Concen: 2.983 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113565.D
Acq: 4 Apr 2019 1:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.3	36.5
229	24.5	16.3	24.5





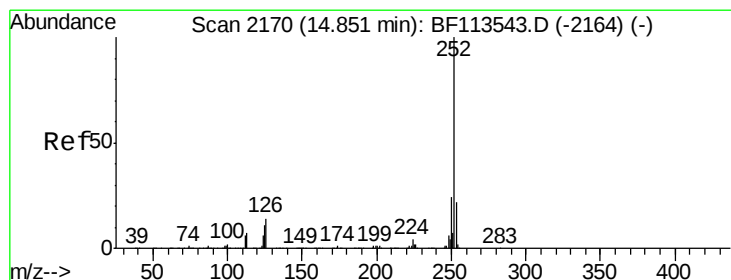
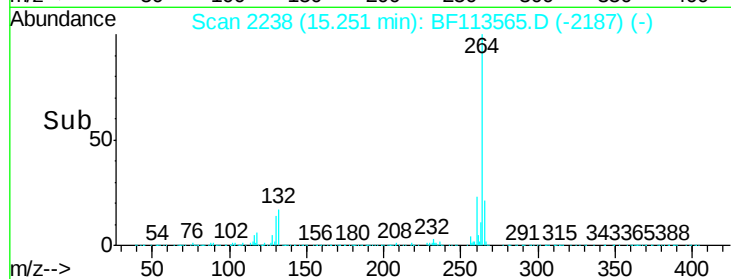
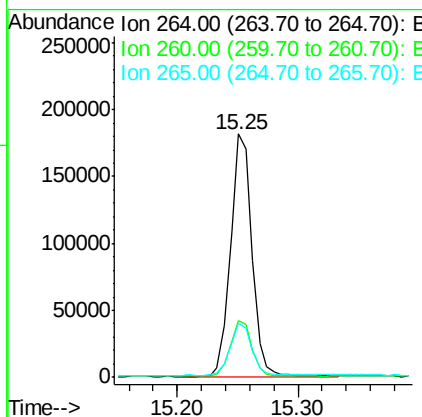
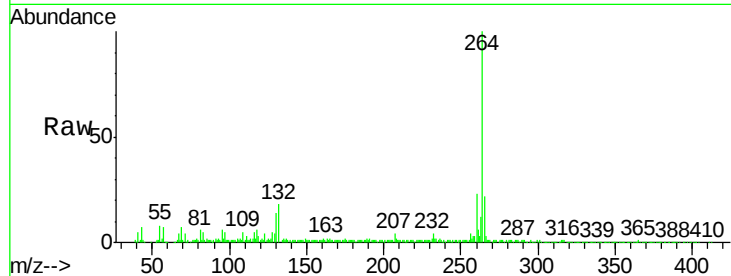
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF113565.D
Acq: 4 Apr 2019 1:48

Instrument :
BNA_F
ClientSampleId :
CL-02-040219-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	22.0	17.1	25.7

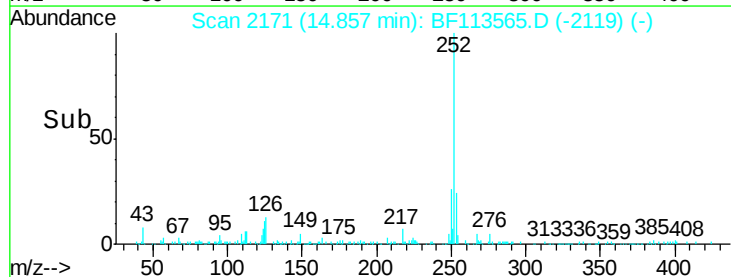
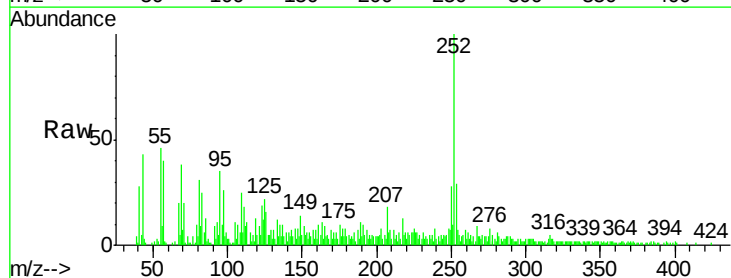
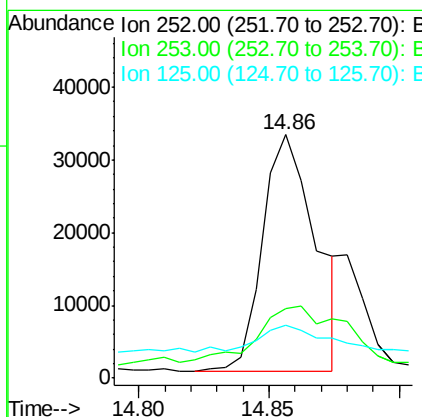
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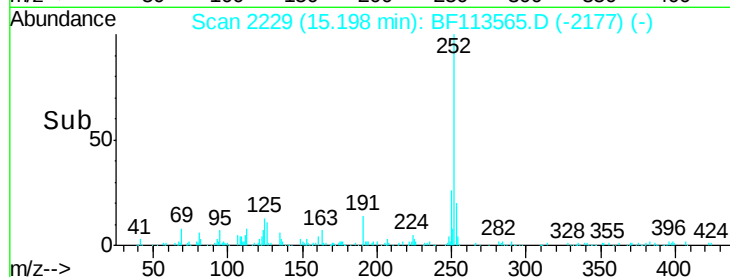
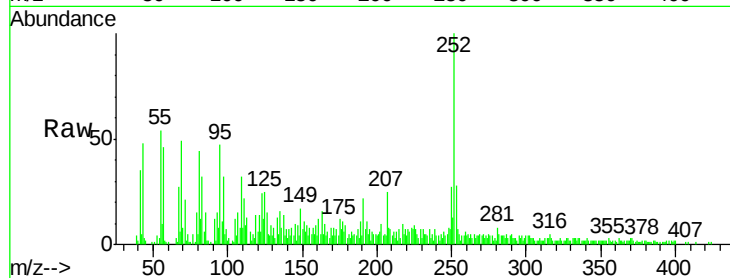
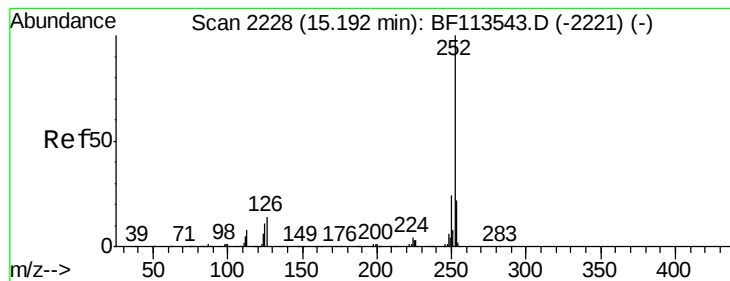
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#88
Benzo(b)fluoranthene
Concen: 3.406 ng m
RT: 14.86 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BF113565.D
Acq: 4 Apr 2019 1:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.7	18.0	27.0#
125	21.7	7.6	11.4#





#90

Benzo(a)pyrene

Concen: 2.704 ng

RT: 15.20 min Scan# 2229

Delta R.T. 0.01 min

Lab File: BF113565.D

Acq: 4 Apr 2019 1:48

Instrument :

BNA_F

ClientSampleId :

CL-02-040219-A

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.0	17.9	26.9#
125	25.1	8.8	13.2#

Manual Integrations
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