

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
 Data File : BF113903.D
 Acq On : 23 Apr 2019 2:40
 Operator : JU/SJ
 Sample : K2199-15 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-041819-B

Manual Integrations
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 4/23/2019 4:08:25 PM

Quant Time: Apr 23 08:16:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	183431	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	653595	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	330812	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	682363	20.00	ng	0.00
76) Chrysene-d12	14.06	240	582893	20.00	ng	-0.01
87) Perylene-d12	15.54	264	466444	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	233058	21.73	ng	0.00
7) Phenol-d6	6.52	99	297040	22.08	ng	0.00
23) Nitrobenzene-d5	7.45	82	152527	14.41	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	89387	22.18	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	324183	15.33	ng	0.00
79) Terphenyl-d14	13.00	244	445206	15.66	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.45	178	225186	6.567	ng	97
75) Fluoranthene	12.63	202	374848	10.019	ng	96
78) Pyrene	12.86	202	348262	8.544	ng	97
81) Benzo(a)anthracene	14.04	228	165116	4.808	ng	95
83) Chrysene	14.08	228	145607	4.353	ng	96
88) Benzo(b)fluoranthene	15.10	252	139386m	4.723	ng	
90) Benzo(a)pyrene	15.47	252	95158	3.728	ng	# 93
92) Benzo(g,h,i)perylene	17.47	276	51393	2.125	ng	96

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

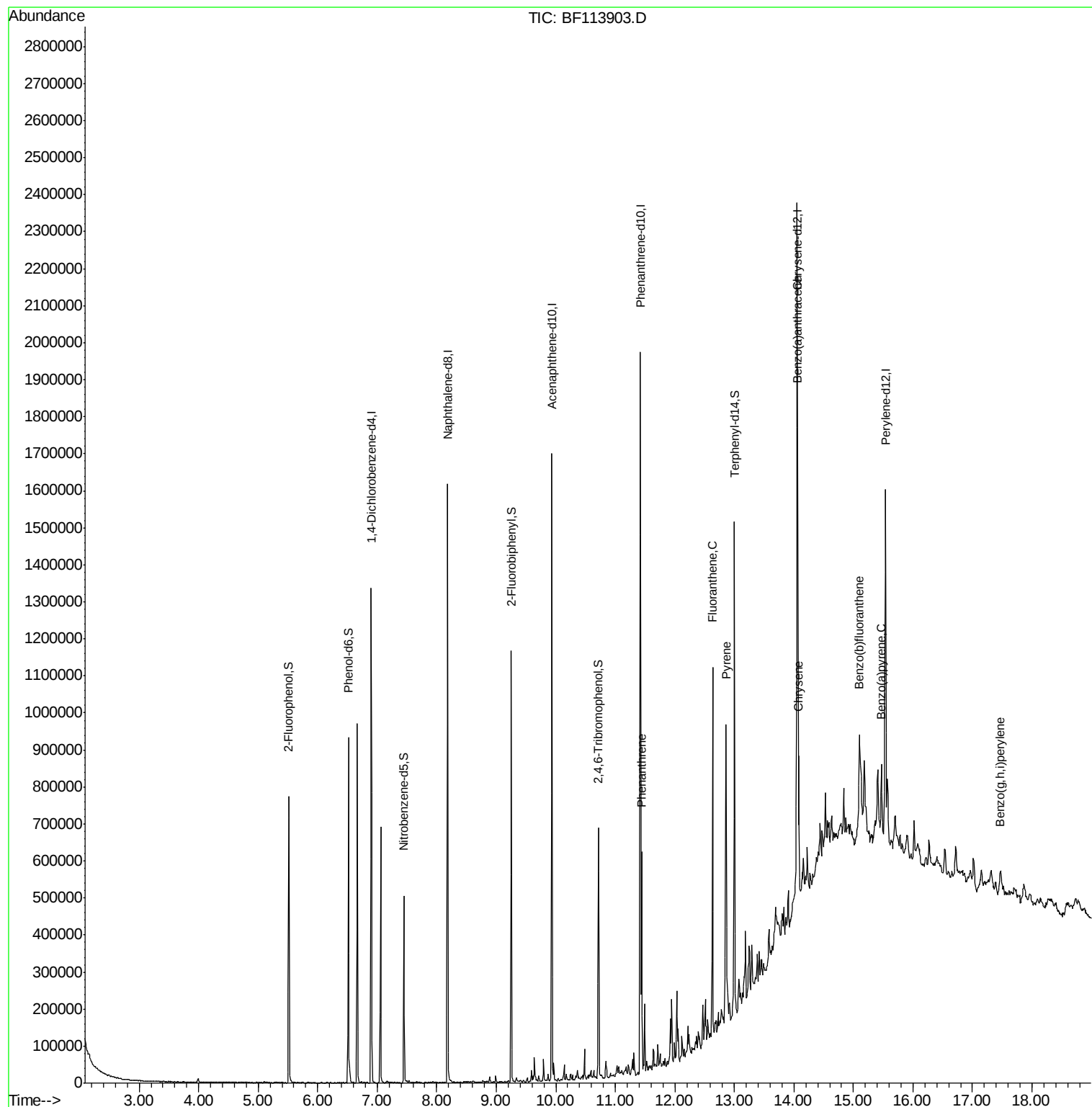
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113903.D
Acq On : 23 Apr 2019 2:40
Operator : JU/SJ
Sample : K2199-15 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

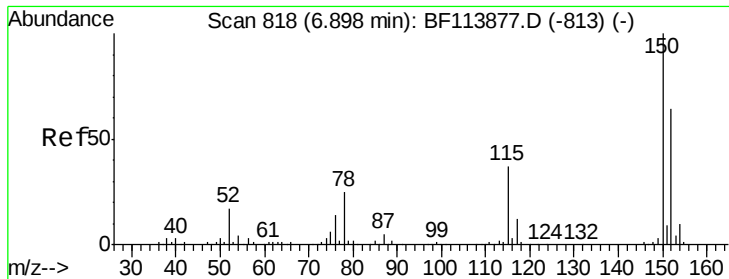
Instrument :
BNA_F
ClientSampled :
OR-03-041819-B

Manual Integrations
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#1

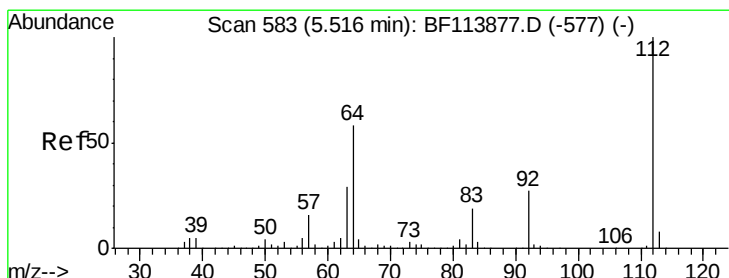
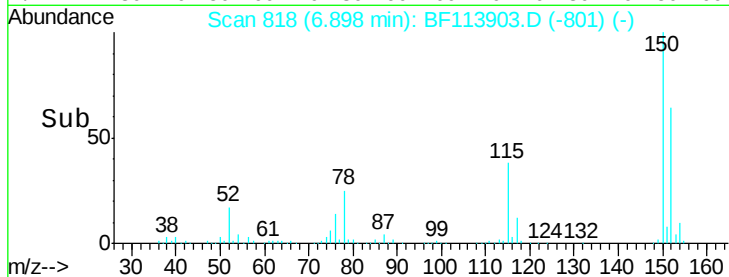
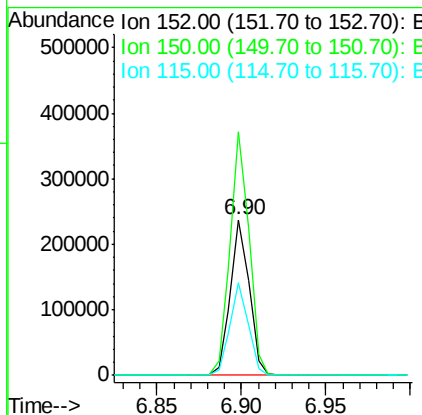
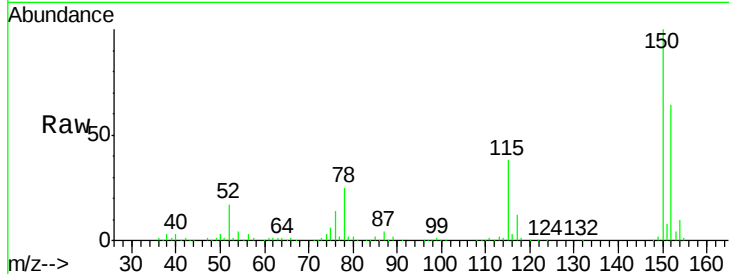
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113903.D
Acq: 23 Apr 2019 2:40

Instrument :
BNA_F
ClientSampleId :
OR-03-041819-B

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	183431		
150	156.8	125.9	188.9	
115	59.5	45.9	68.9	

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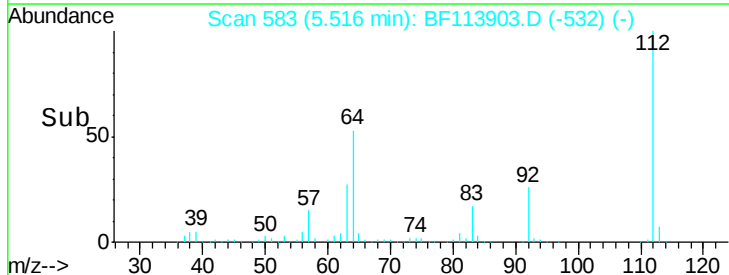
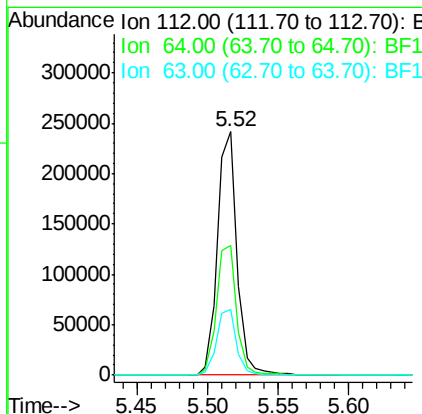
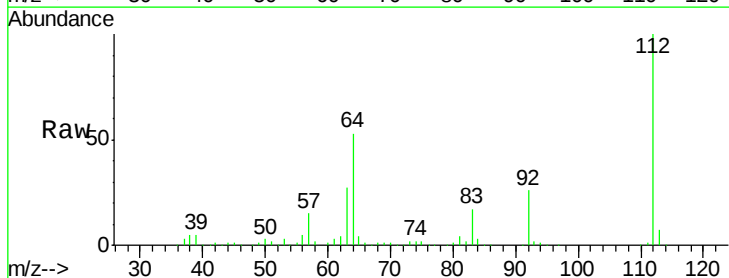
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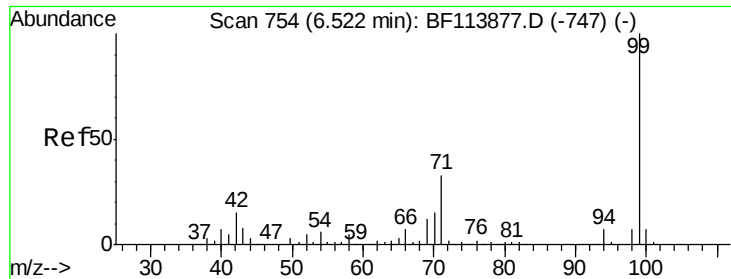


#5

2-Fluorophenol
Concen: 21.731 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF113903.D
Acq: 23 Apr 2019 2:40

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	233058		
64	53.4	46.6	69.8	
63	26.8	23.1	34.7	





#7

Phenol-d6

Concen: 22.076 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF113903.D

Acq: 23 Apr 2019 2:40

Instrument :

BNA_F

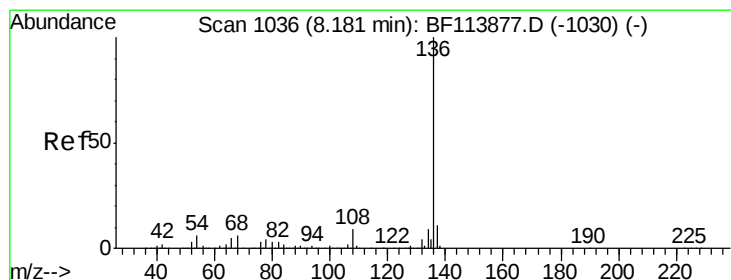
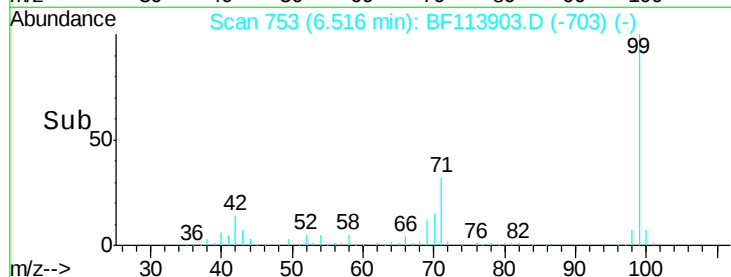
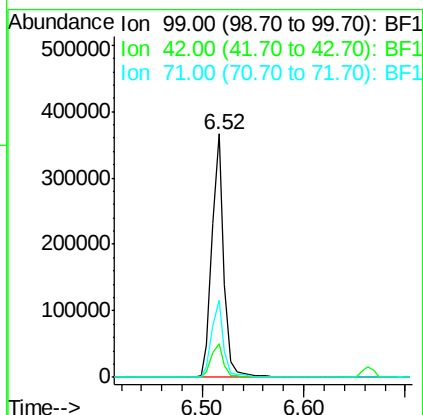
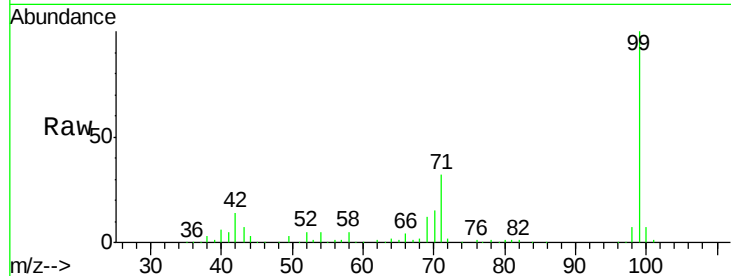
ClientSampleId :

OR-03-041819-B

Tgt Ion:	99	Resp:	297040
Ion Ratio	Lower	Upper	
99	100		
42	14.1	12.5	18.7
71	31.5	26.9	40.3

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#21

Naphthalene-d8

Concen: 20.000 ng

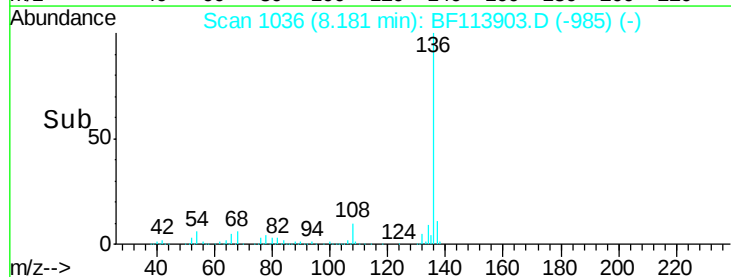
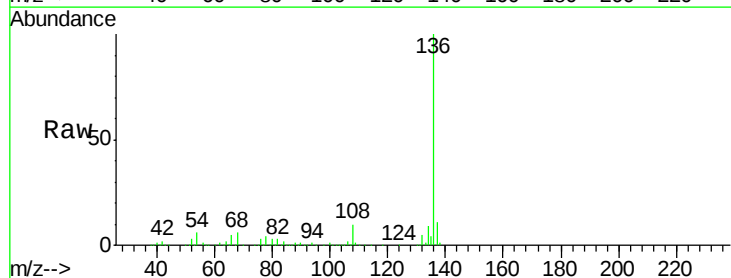
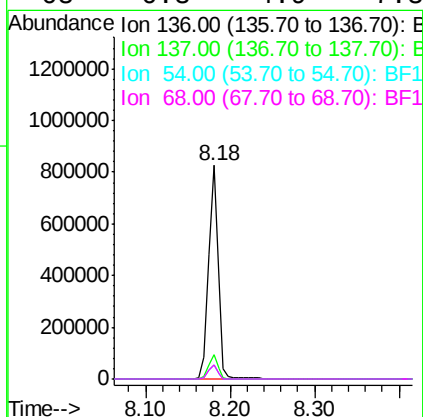
RT: 8.18 min Scan# 1036

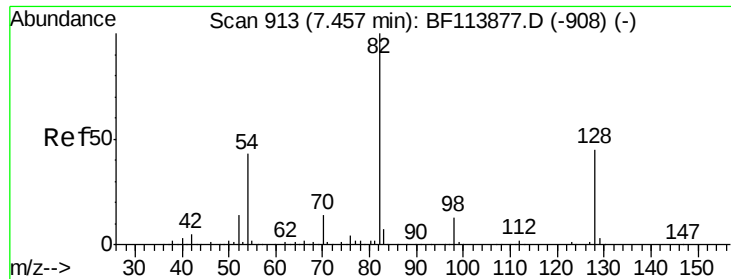
Delta R.T. 0.00 min

Lab File: BF113903.D

Acq: 23 Apr 2019 2:40

Tgt Ion:	136	Resp:	653595
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.6	12.8
54	6.4	5.0	7.6
68	6.3	4.9	7.3





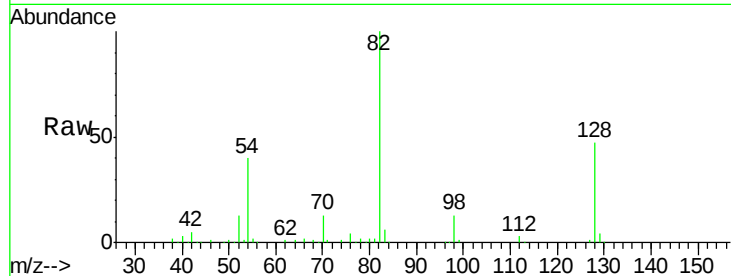
#23
 Nitrobenzene-d5
 Concen: 14.409 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF113903.D
 Acq: 23 Apr 2019 2:40

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-041819-B

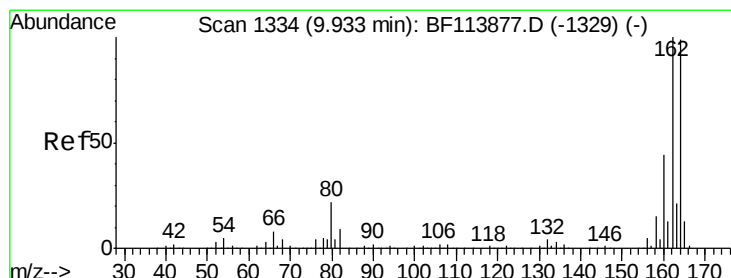
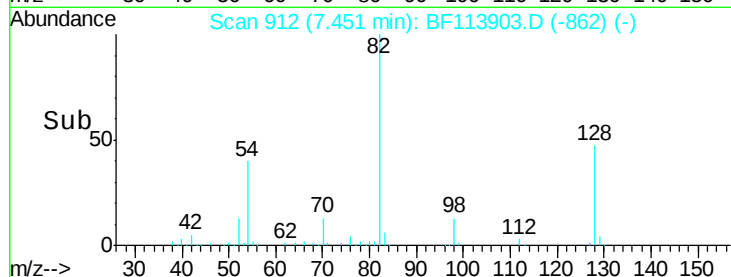
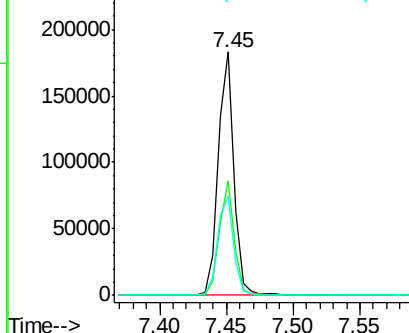
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	152527		
128	46.8	36.8	55.2	
54	40.5	33.8	50.6	

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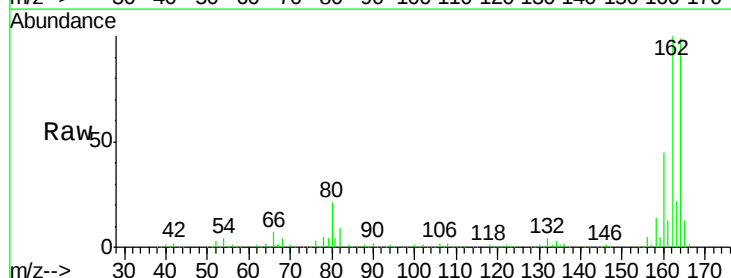


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

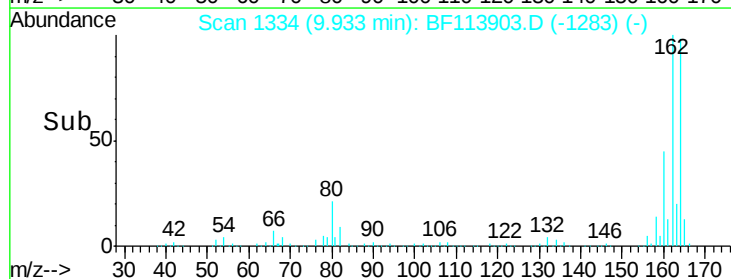
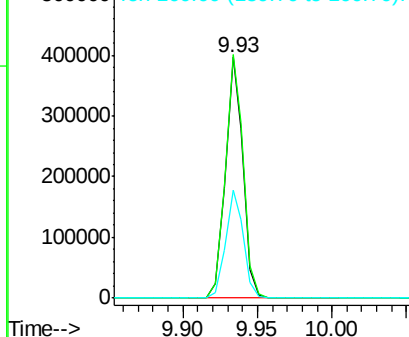


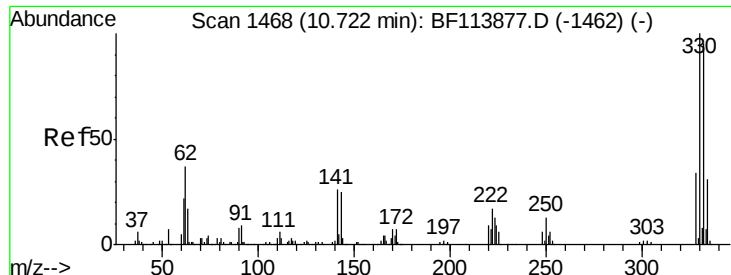
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF113903.D
 Acq: 23 Apr 2019 2:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	330812		
162	101.3	81.1	121.7	
160	45.1	35.8	53.6	



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





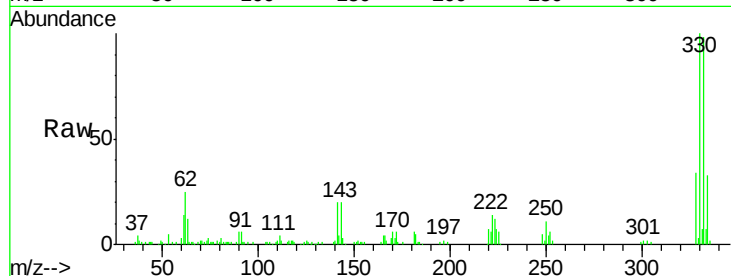
#42
 2,4,6-Tribromophenol
 Concen: 22.181 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF113903.D
 Acq: 23 Apr 2019 2:40

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-041819-B

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	89387		
332	96.5	77.5	116.3	
141	27.8	22.2	33.2	

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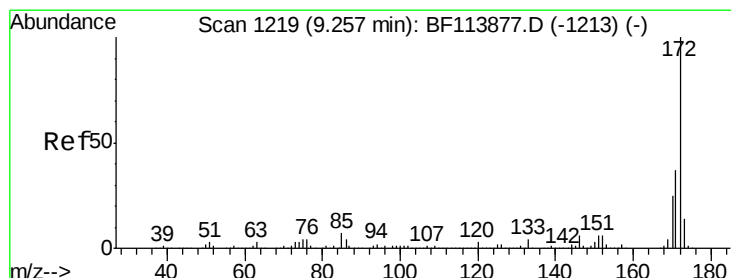
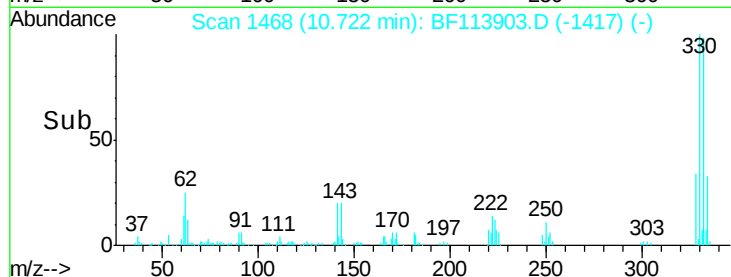
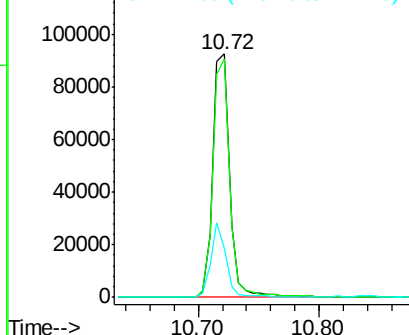


Abundance

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: 15.327 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF113903.D
 Acq: 23 Apr 2019 2:40

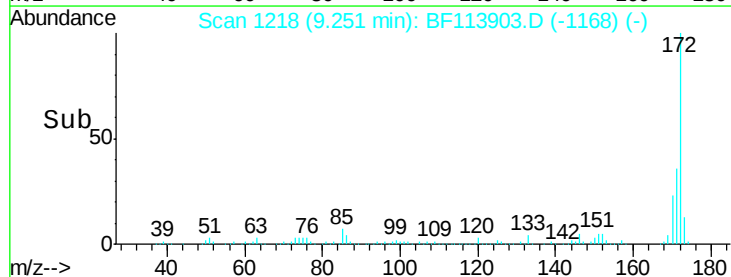
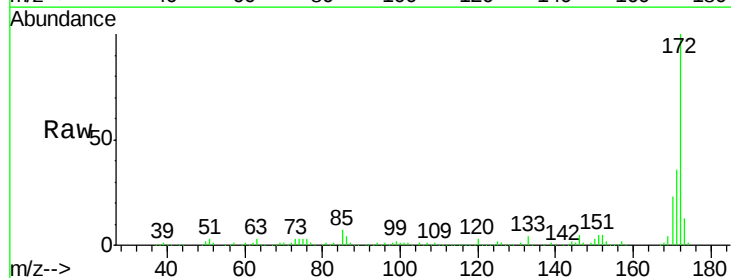
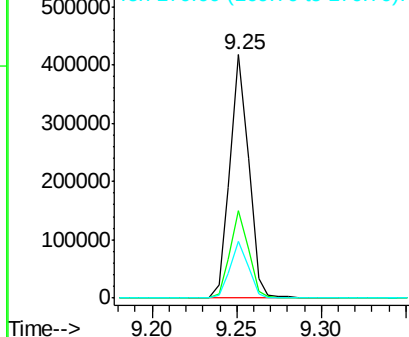
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	324183		
171	35.8	29.4	44.0	
170	23.2	19.9	29.9	

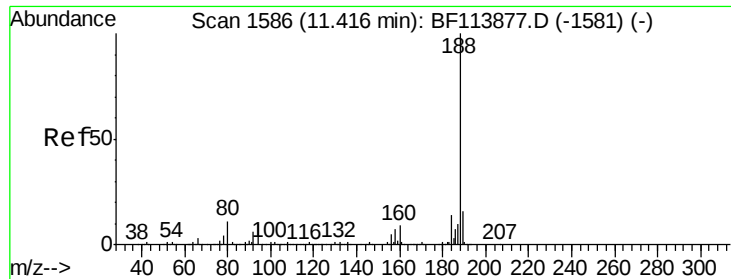
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF113903.D

Acq: 23 Apr 2019 2:40

Instrument :

BNA_F

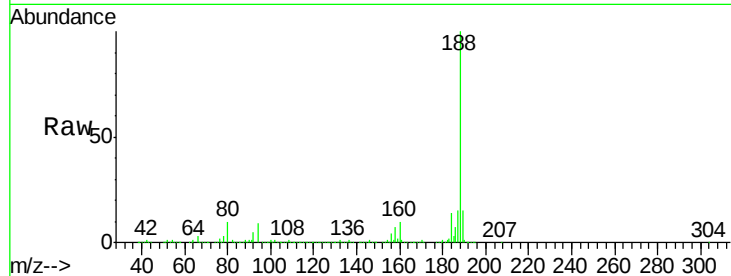
ClientSampleId :

OR-03-041819-B

Tgt Ion:	188	Resp:	682363
Ion Ratio	Lower	Upper	
188	100		
94	8.7	8.2	12.4
80	9.7	9.0	13.6

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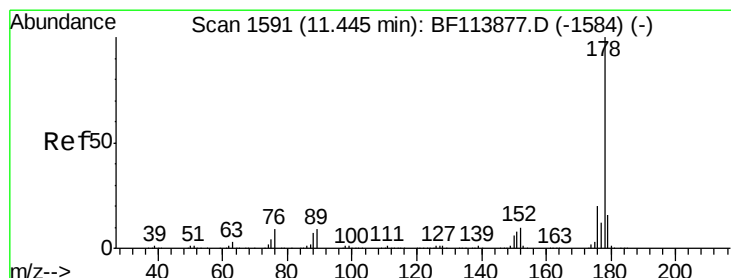
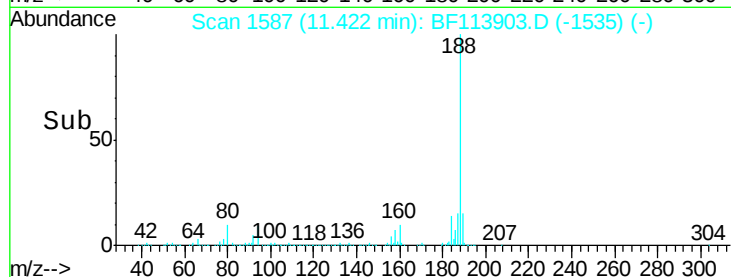
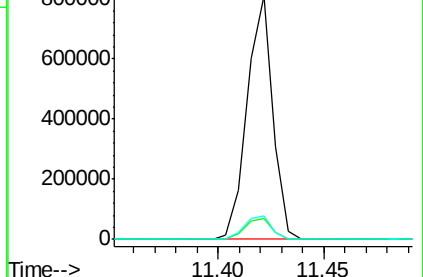
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#71

Phenanthrene

Concen: 6.567 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF113903.D

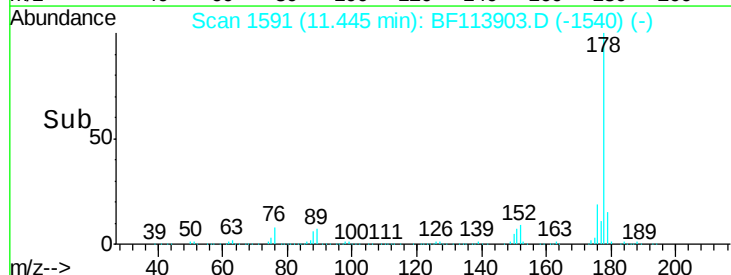
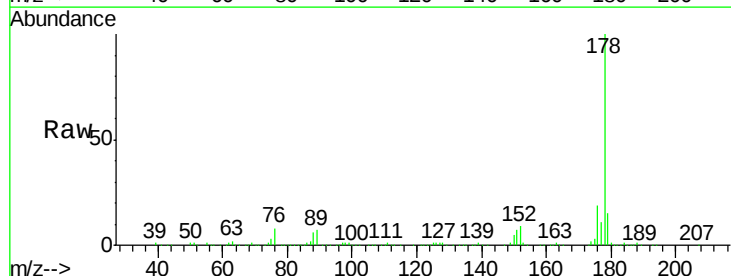
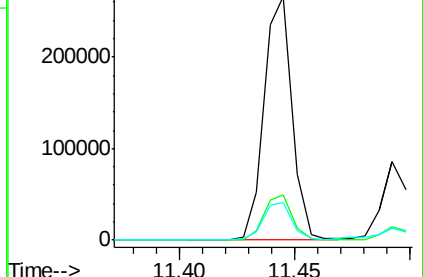
Acq: 23 Apr 2019 2:40

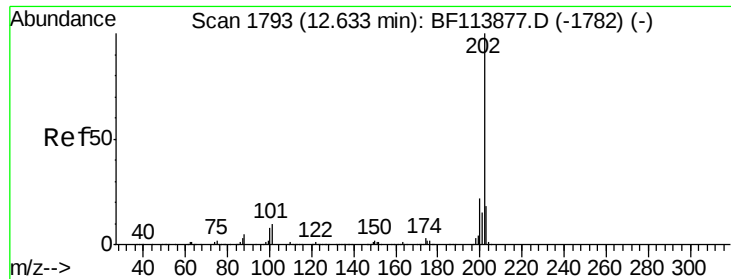
Tgt Ion:	178	Resp:	225186
Ion Ratio	Lower	Upper	
178	100		
176	18.6	16.1	24.1
179	15.2	12.8	19.2

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 10.019 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF113903.D

Acq: 23 Apr 2019 2:40

Instrument :

BNA_F

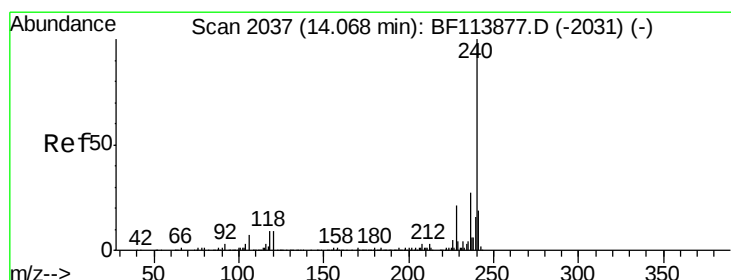
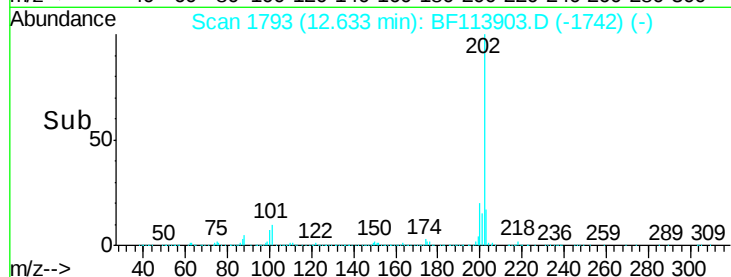
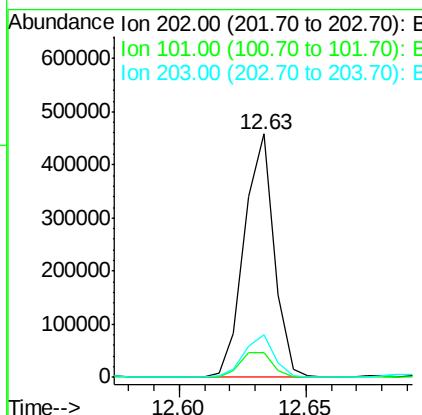
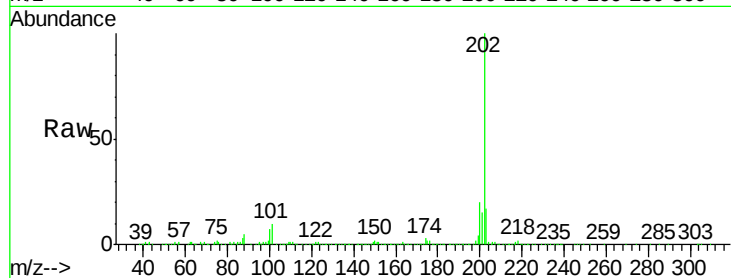
ClientSampleId :

OR-03-041819-B

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		374848		
101	9.9	0.0	32.9		
203	17.4	0.0	38.2		

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

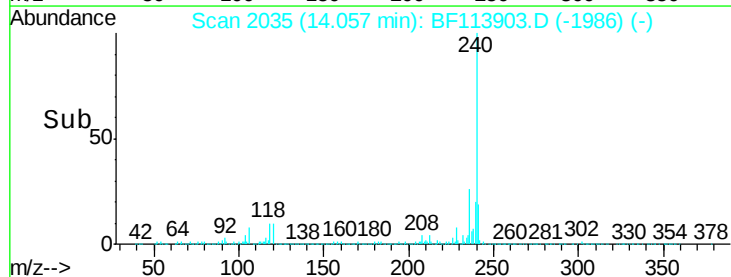
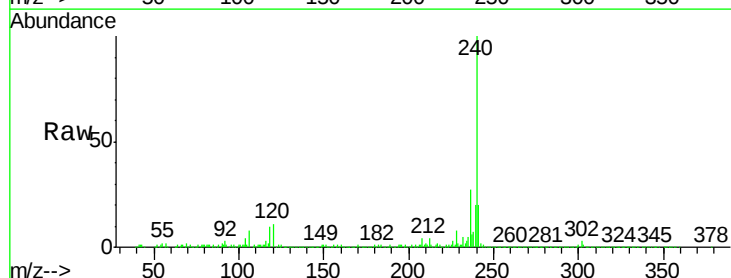
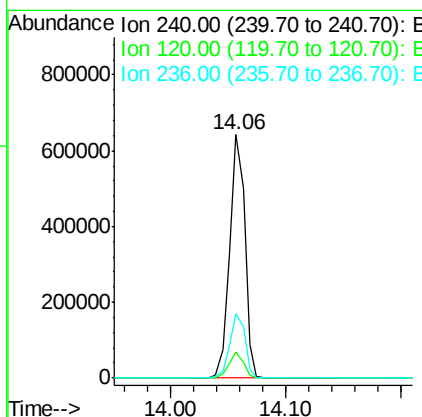
RT: 14.06 min Scan# 2035

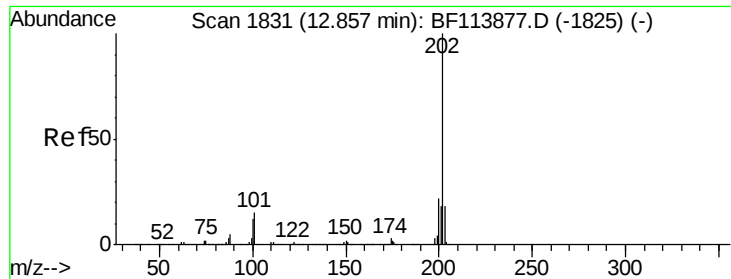
Delta R.T. -0.01 min

Lab File: BF113903.D

Acq: 23 Apr 2019 2:40

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		582893		
120	10.6	9.3	13.9		
236	26.6	21.2	31.8		





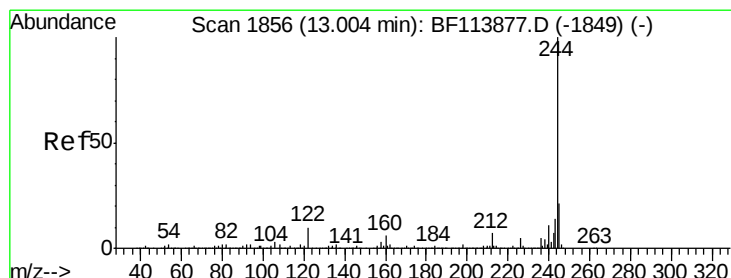
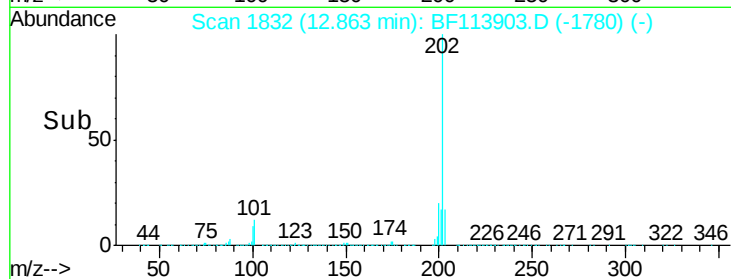
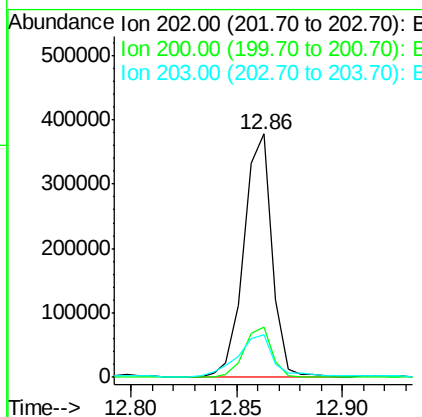
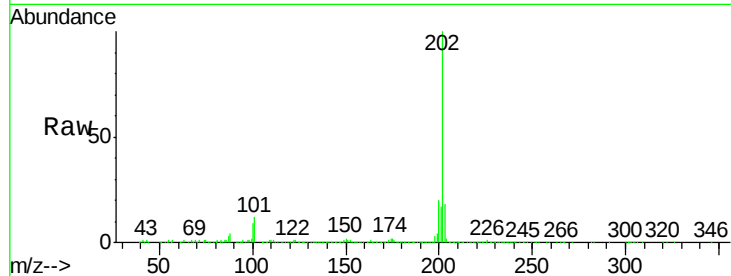
#78
Pyrene
Concen: 8.544 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF113903.D
Acq: 23 Apr 2019 2:40

Instrument :
BNA_F
ClientSampleId :
OR-03-041819-B

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.4	17.7	26.5
203	17.6	15.0	22.6

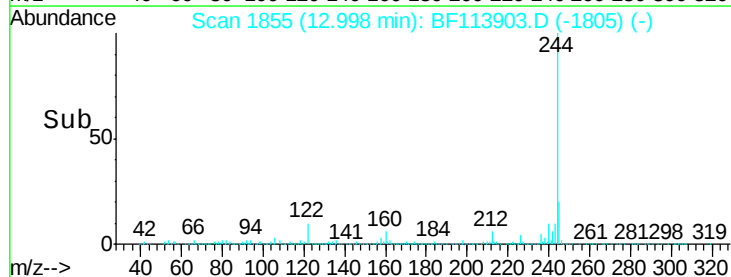
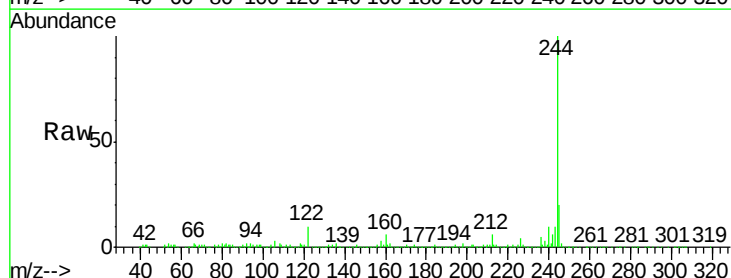
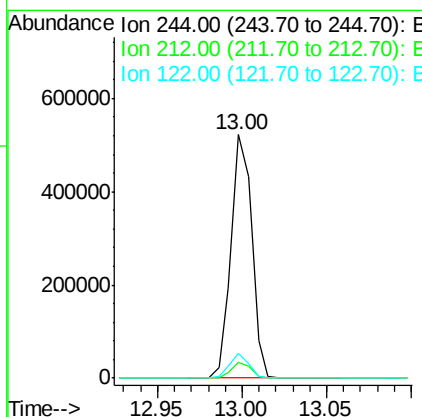
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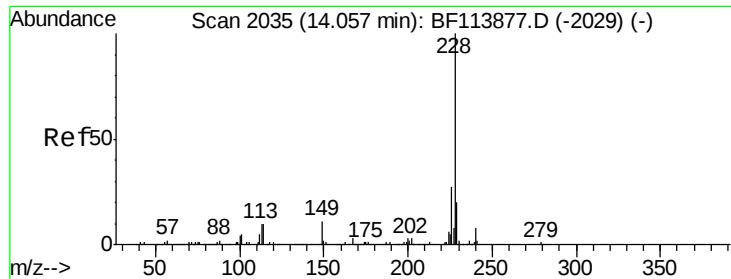
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#79
Terphenyl-d14
Concen: 15.659 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF113903.D
Acq: 23 Apr 2019 2:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.4	5.4	8.2
122	10.3	7.6	11.4





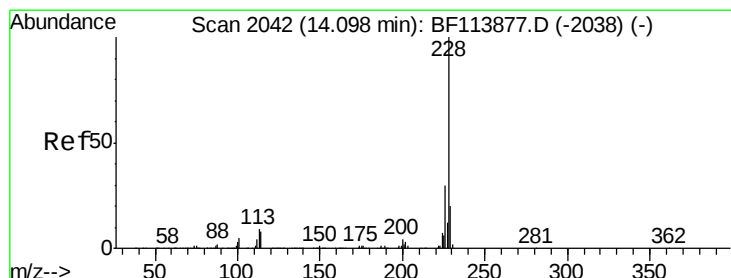
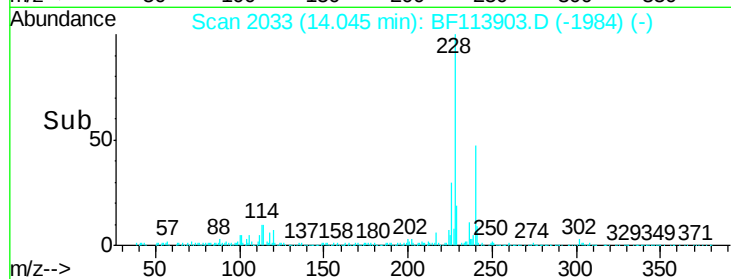
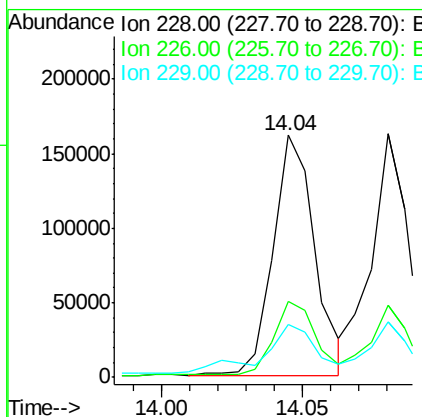
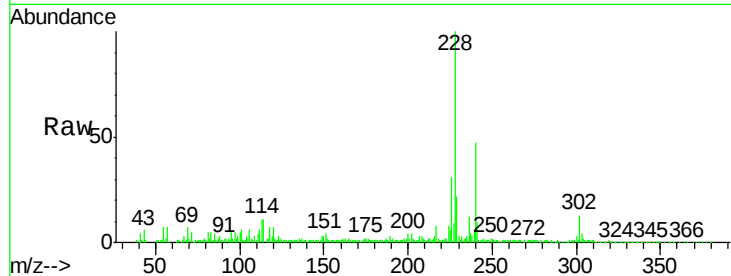
#81
Benzo(a)anthracene
Concen: 4.808 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF113903.D
Acq: 23 Apr 2019 2:40

Instrument :
BNA_F
ClientSampleId :
OR-03-041819-B

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.1	22.2	33.2
229	21.6	16.0	24.0

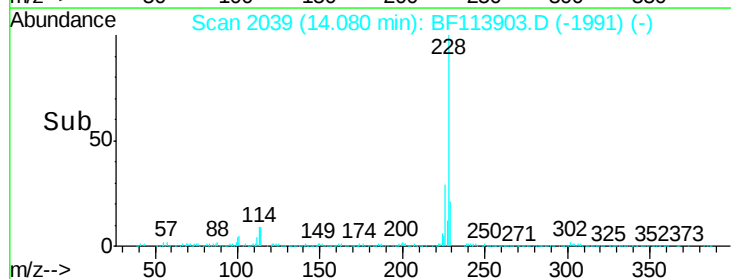
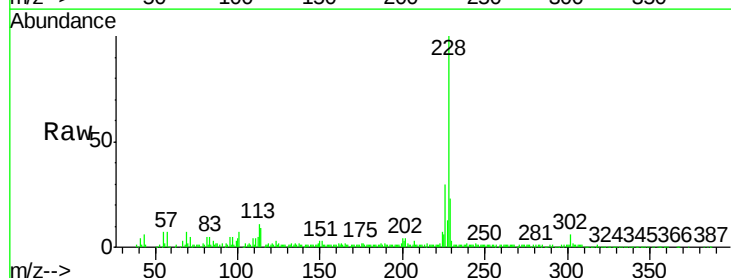
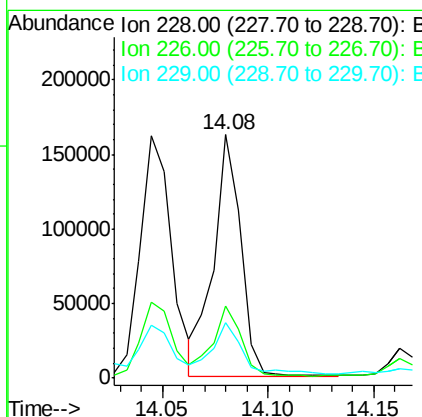
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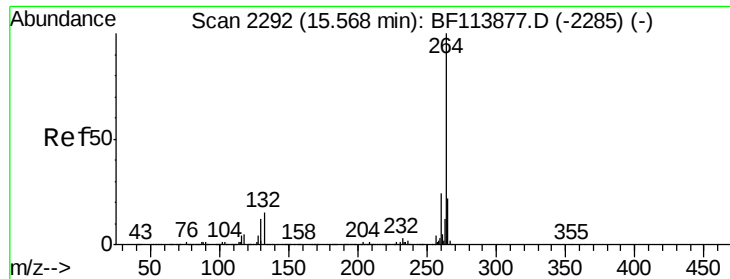
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#83
Chrysene
Concen: 4.353 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.02 min
Lab File: BF113903.D
Acq: 23 Apr 2019 2:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.8	25.2	37.8
229	22.9	16.7	25.1





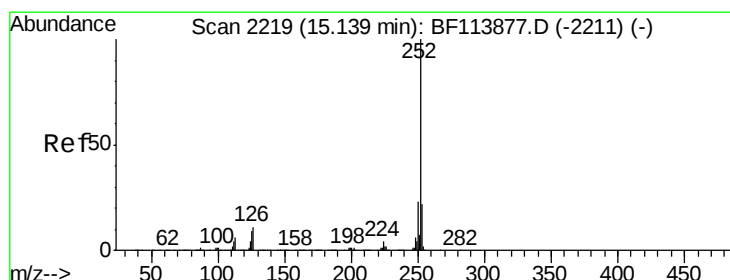
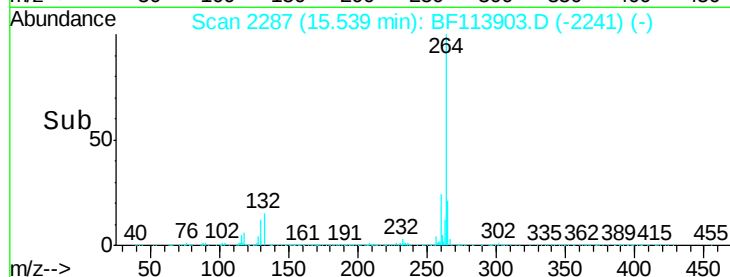
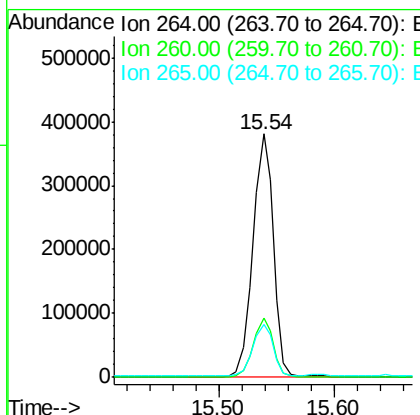
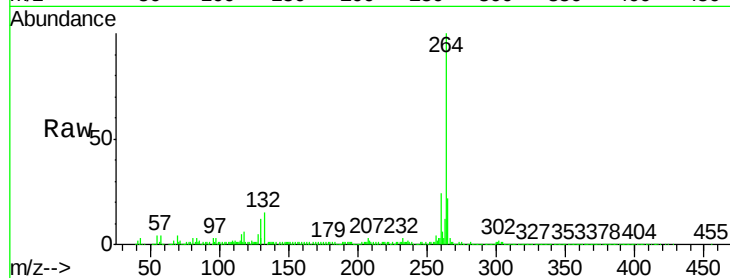
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.03 min
Lab File: BF113903.D
Acq: 23 Apr 2019 2:40

Instrument :
BNA_F
ClientSampleId :
OR-03-041819-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.9	28.3
265	21.6	17.3	25.9

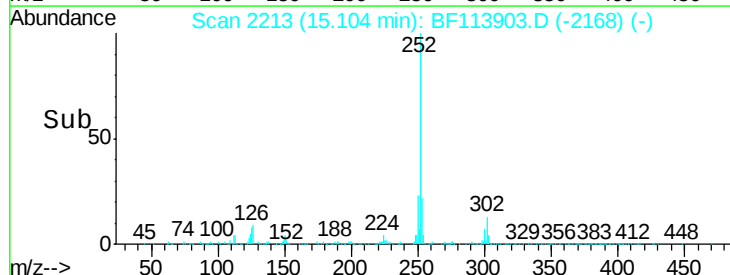
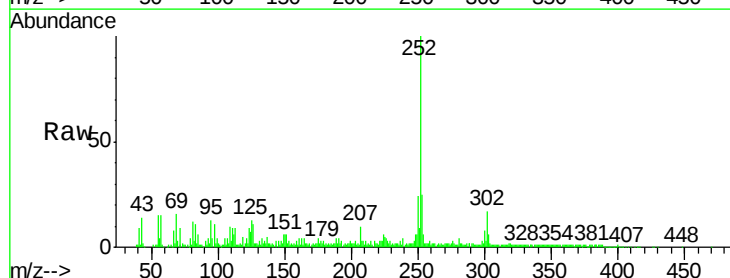
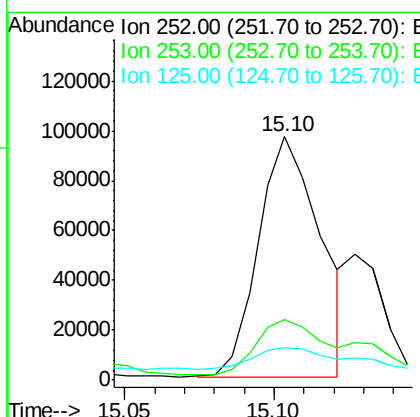
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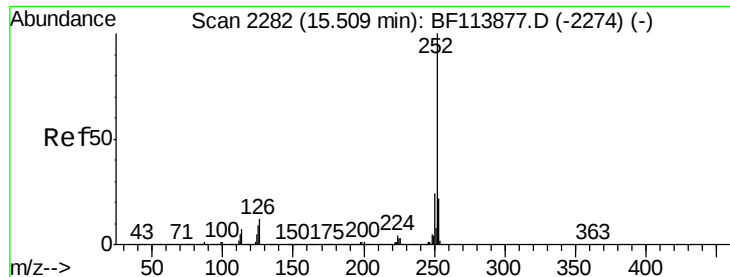
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#88
Benzo(b)fluoranthene
Concen: 4.723 ng m
RT: 15.10 min Scan# 2213
Delta R.T. -0.04 min
Lab File: BF113903.D
Acq: 23 Apr 2019 2:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.8	26.6
125	13.5	7.0	10.6





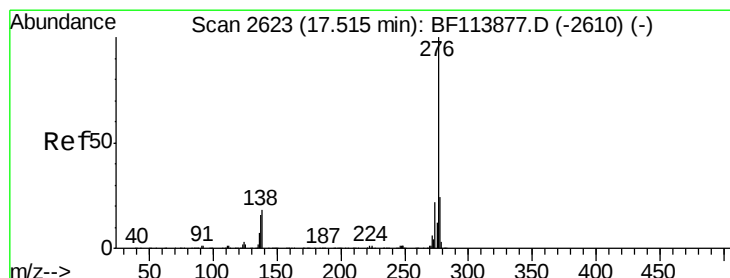
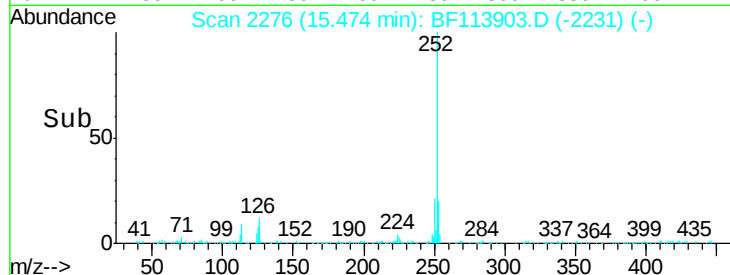
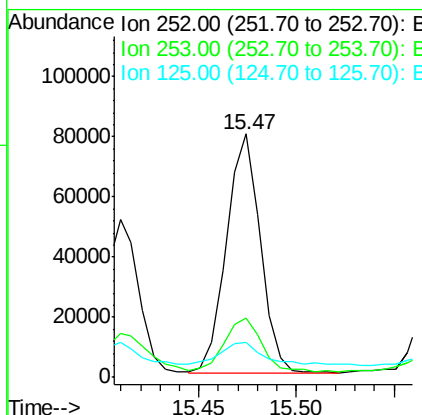
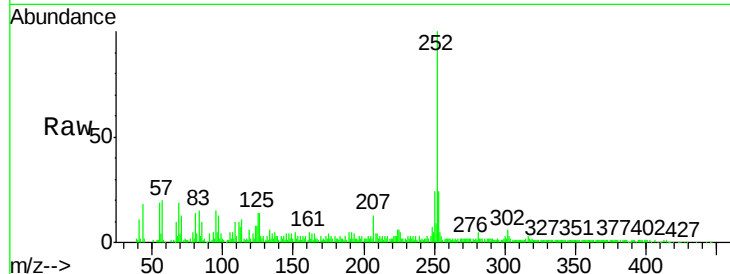
#90
Benzo(a)pyrene
Concen: 3.728 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.04 min
Lab File: BF113903.D
Acq: 23 Apr 2019 2:40

Instrument :
BNA_F
ClientSampleId :
OR-03-041819-B

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.5	26.3
125	14.1	8.5	12.7

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.125 ng
RT: 17.47 min Scan# 2615
Delta R.T. -0.05 min
Lab File: BF113903.D
Acq: 23 Apr 2019 2:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.0	28.4
138	23.7	16.6	25.0

