

Data Path : U:\HPCHEM1\BNA F\DATA\BF011818\
 Data File : BF102199.D
 Acq On : 18 Jan 2018 18:46
 Operator : SJ/JU
 Sample : J1168-06 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-57-0-2.0

Manual Integrations
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Sohil
 1/19/2018 9:47:29 AM

Quant Time: Jan 19 01:18:57 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	152270	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	608422	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	259536	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	395633	20.00	ng	0.00
75) Chrysene-d12	13.87	240	279018	20.00	ng	0.00
86) Perylene-d12	15.29	264	241517	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	488694	45.32	ng	0.00
7) Phenol-d6	6.35	99	579328	45.03	ng	0.00
23) Nitrobenzene-d5	7.28	82	353259	34.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	108917	48.09	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	653439	39.33	ng	0.00
78) Terphenyl-d14	12.82	244	449712	33.46	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	95203	4.573	ng	99
70) Phenanthrene	11.26	178	179052	7.748	ng	98
74) Fluoranthene	12.44	202	222485	9.785	ng	97
77) Pyrene	12.67	202	197786	8.019	ng	98
80) Benzo(a)anthracene	13.86	228	95720	5.377	ng	97
82) Chrysene	13.89	228	88136	4.748	ng	97
87) Benzo(b)fluoranthene	14.88	252	116906m	7.424	ng	
89) Benzo(a)pyrene	15.23	252	73523	5.188	ng	# 91
91) Benzo(g,h,i)perylene	17.08	276	40238	3.532	ng	# 87

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

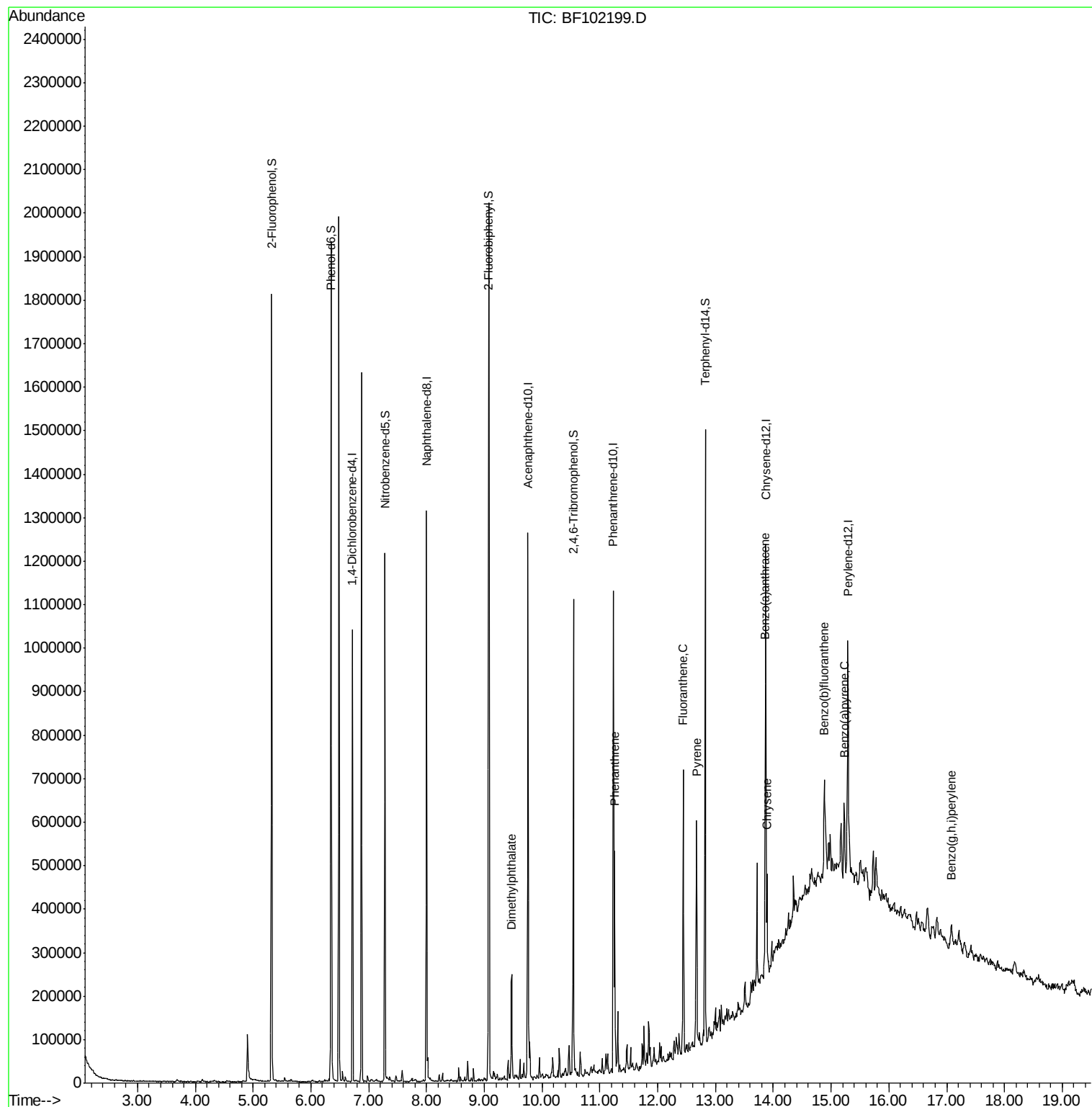
Data Path : U:\HPCHEM1\BNA F\DATA\BF011818\
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ALS Vial : 9 Sample Multiplier: 1

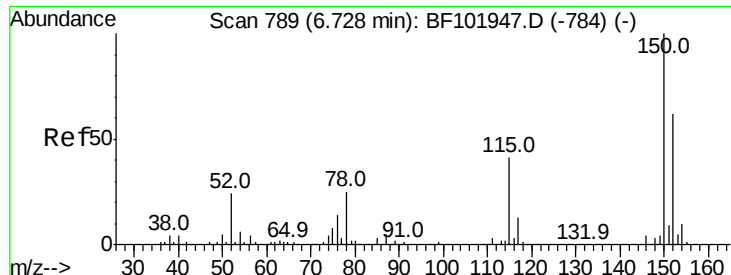
Instrument :
BNA_F
ClientSampleId :
SB-57-0-2.0

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#1

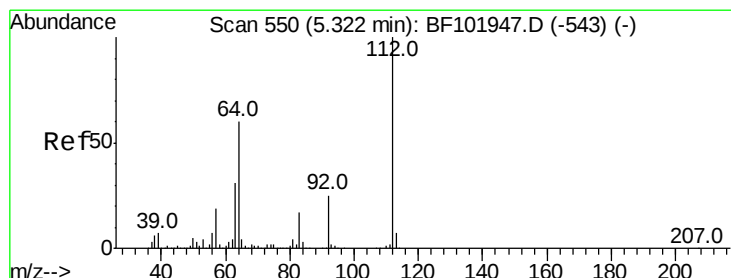
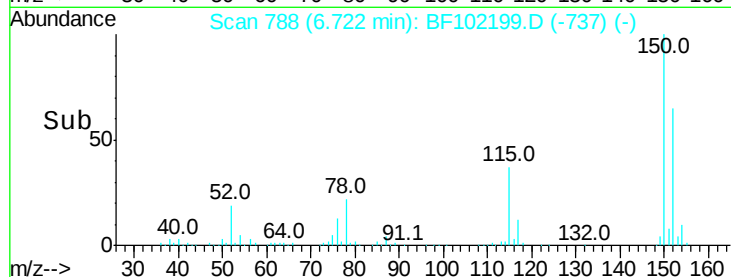
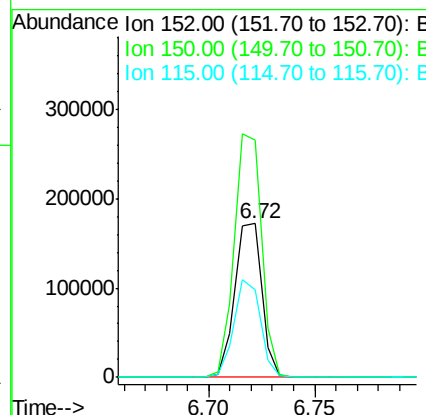
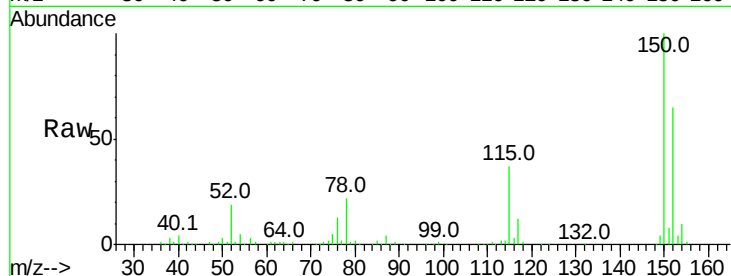
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102199.D
Acq: 18 Jan 2018 18:46

Instrument :
BNA_F
ClientSampleId :
SB-57-0-2.0

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	56.7	50.1	75.1

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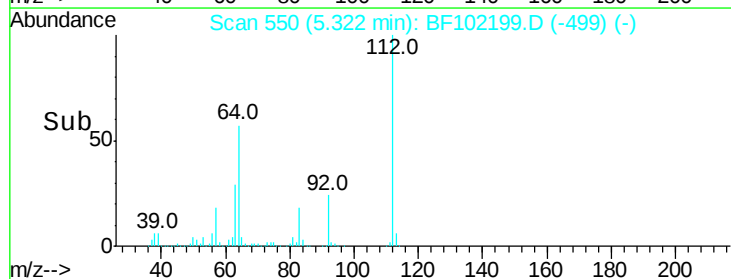
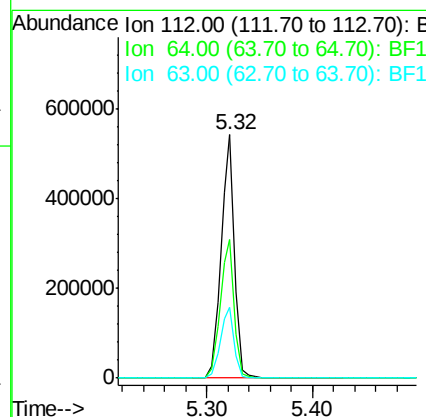
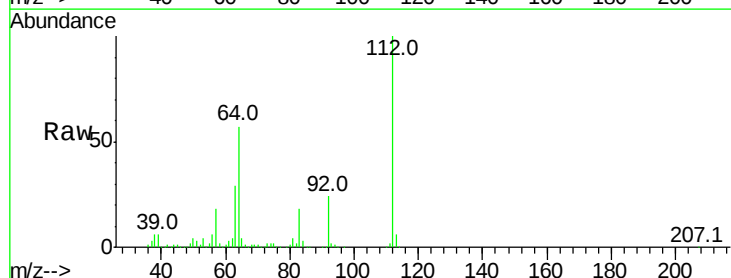
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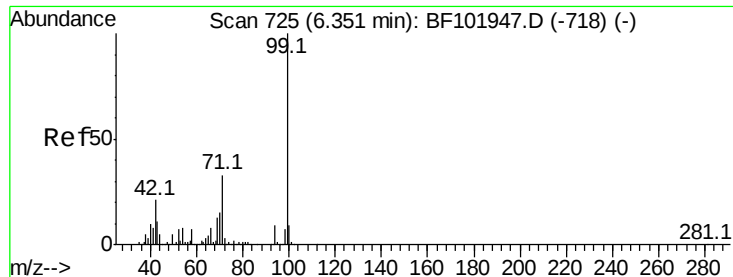


#5

2-Fluorophenol
Concen: 45.319 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF102199.D
Acq: 18 Jan 2018 18:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.9	71.9
63	28.9	23.7	35.5





#7

Phenol-d6

Concen: 45.029 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF102199.D

Acq: 18 Jan 2018 18:46

Instrument :

BNA_F

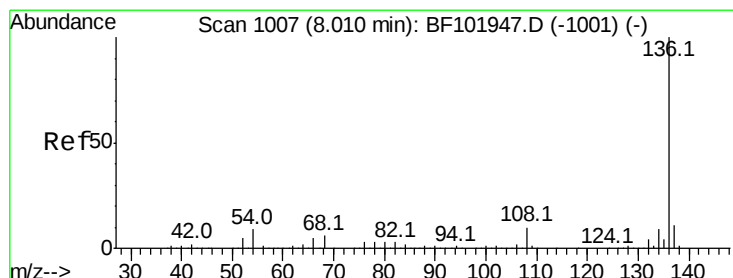
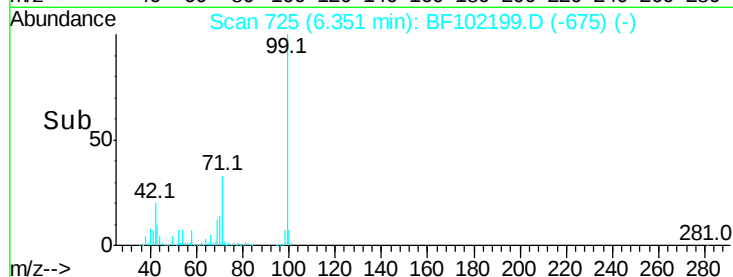
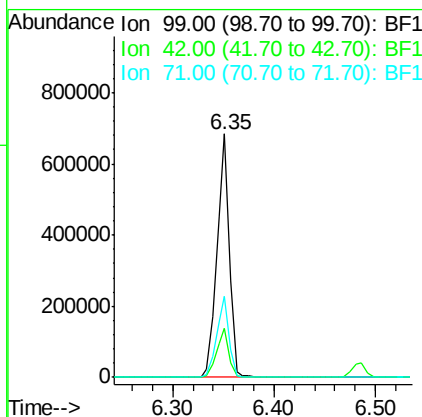
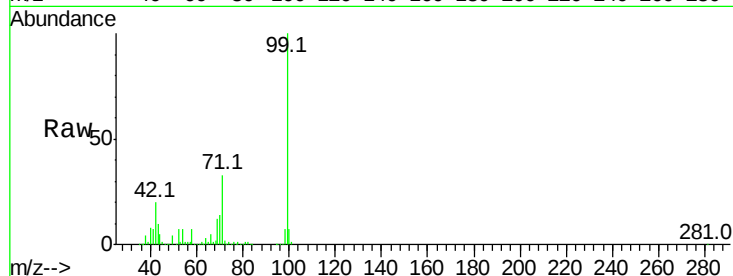
ClientSampleId :

SB-57-0-2.0

Tot Ion	99	Resp	579328
Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.5	21.7
71	33.5	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

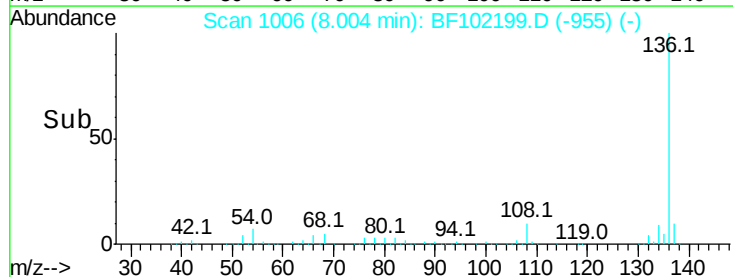
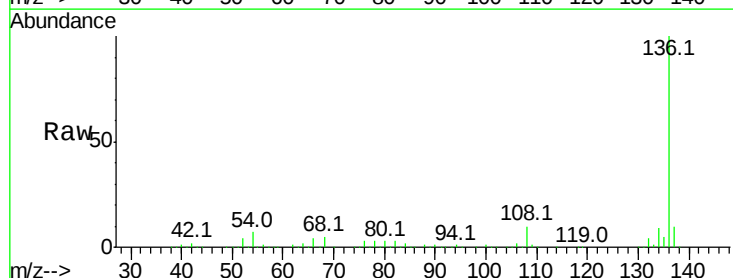
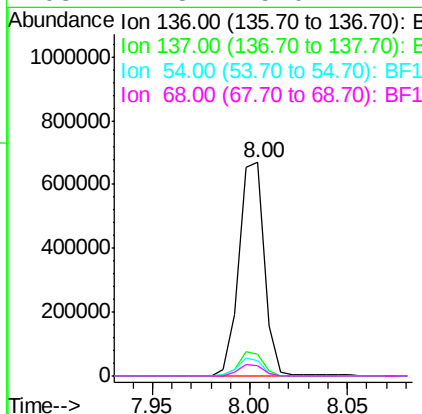
RT: 8.00 min Scan# 1006

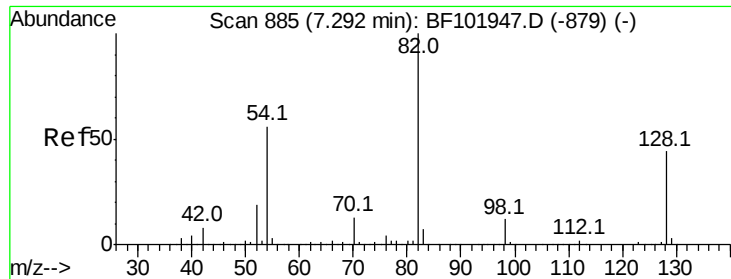
Delta R.T. -0.00 min

Lab File: BF102199.D

Acq: 18 Jan 2018 18:46

Tgt Ion	136	Resp	608422
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	7.1	6.6	9.8
68	4.8	5.0	7.4#





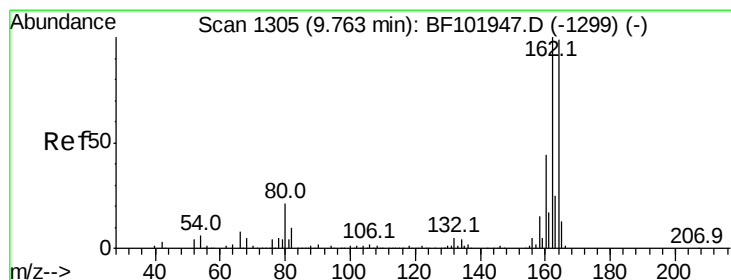
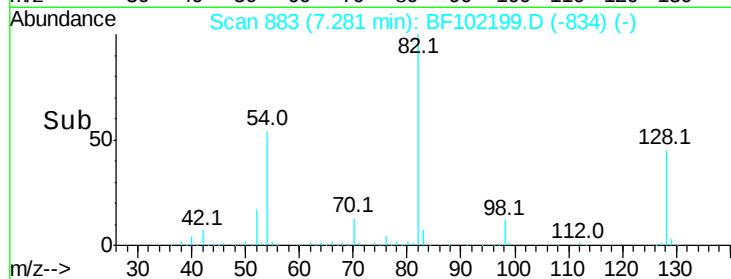
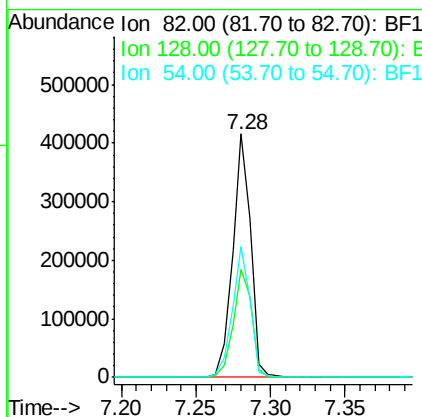
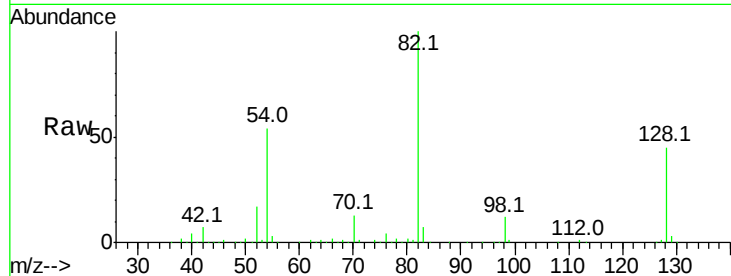
#23
Nitrobenzene-d5
Concen: 34.119 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102199.D
Acq: 18 Jan 2018 18:46

Instrument :
BNA_F
ClientSampled :
SB-57-0-2.0

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.5	36.1	54.1	
54	53.9	41.4	62.2	

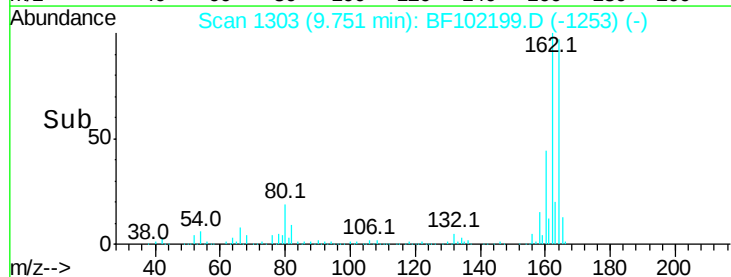
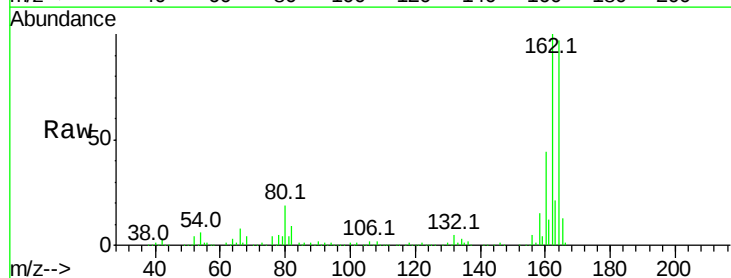
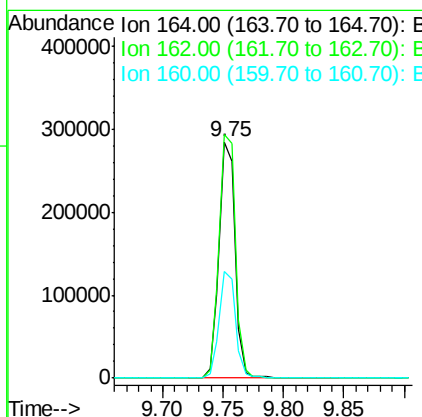
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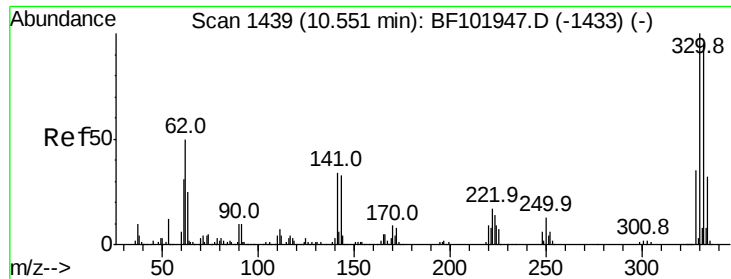
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102199.D
Acq: 18 Jan 2018 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.1	86.1	129.1	
160	45.3	38.3	57.5	





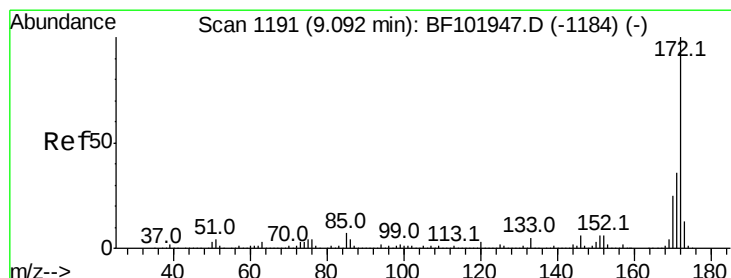
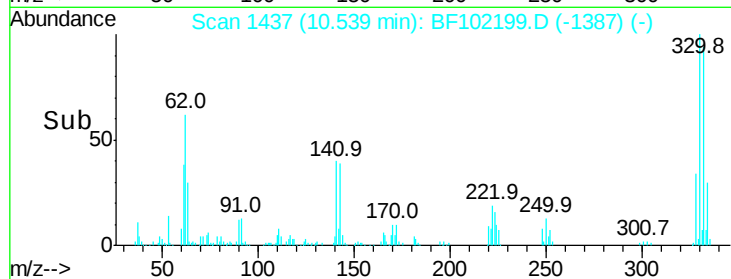
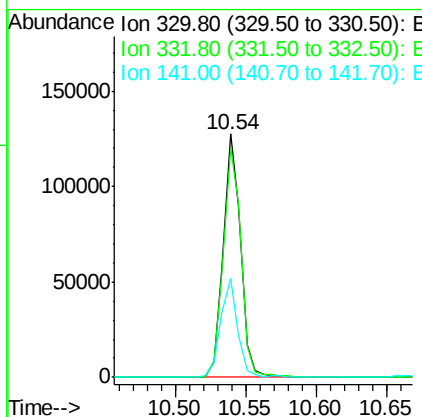
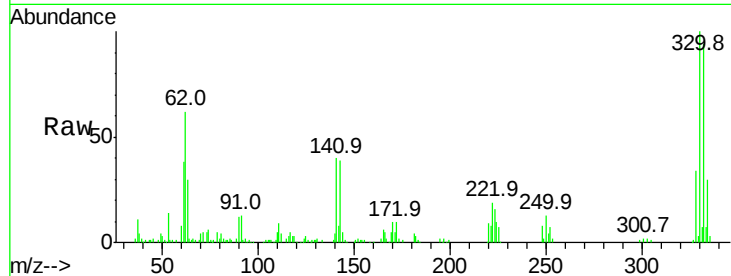
#41
 2,4,6-Tribromophenol
 Concen: 48.088 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102199.D
 Acq: 18 Jan 2018 18:46

Instrument :
 BNA_F
 ClientSampleId :
 SB-57-0-2.0

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	40.4	29.9	44.9

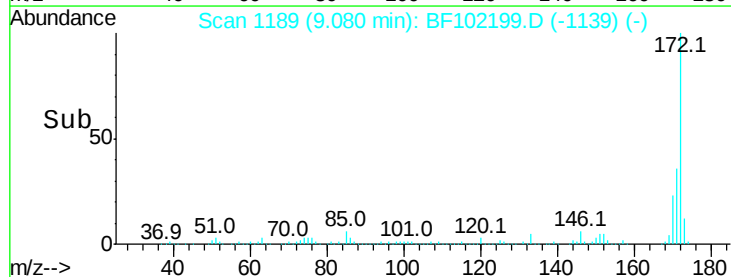
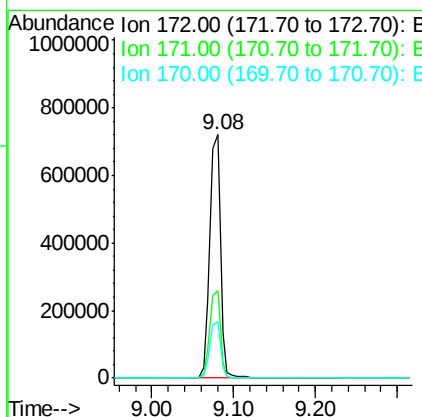
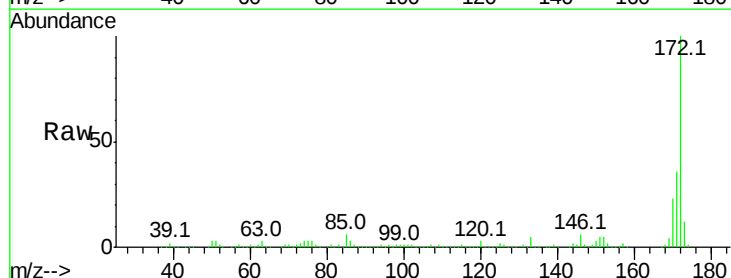
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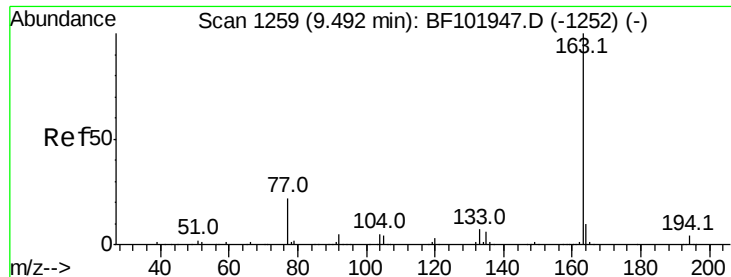
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#44
 2-Fluorobiphenyl
 Concen: 39.334 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102199.D
 Acq: 18 Jan 2018 18:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.5	19.6	29.4





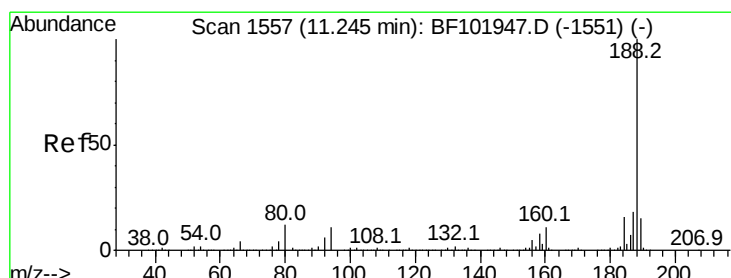
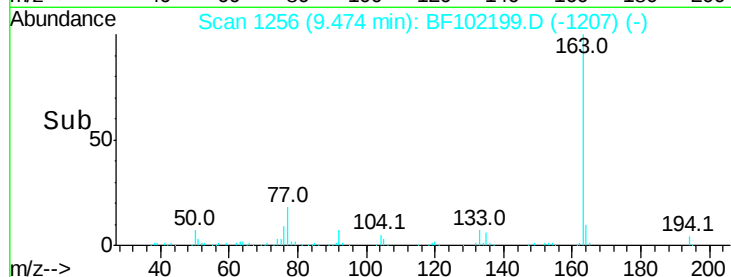
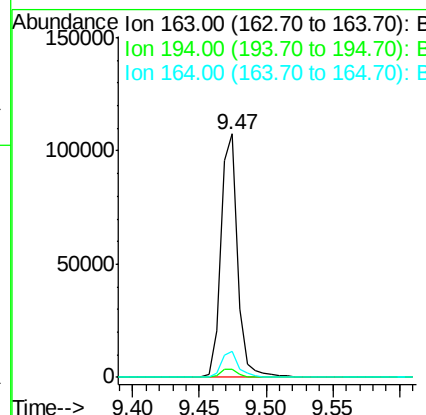
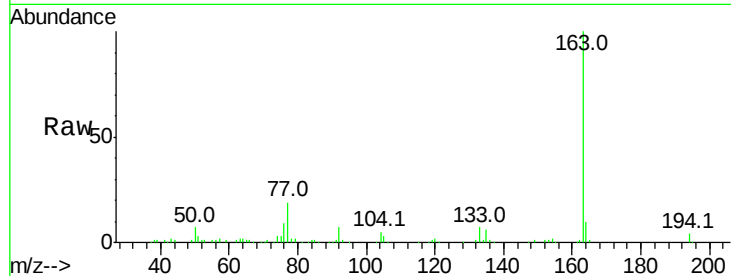
#49
Dimethylphthalate
Concen: 4.573 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102199.D
Acq: 18 Jan 2018 18:46

Instrument :
BNA_F
ClientSampled :
SB-57-0-2.0

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.5	8.2	12.2

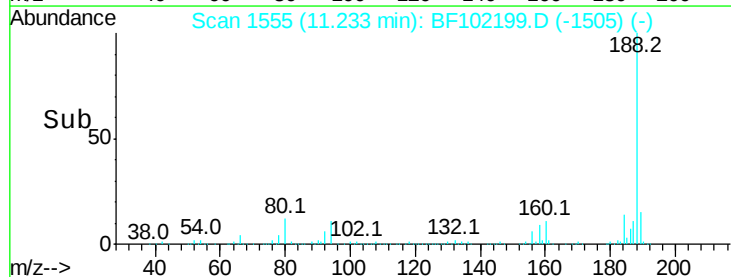
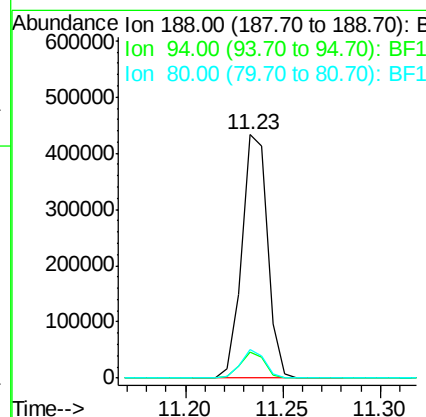
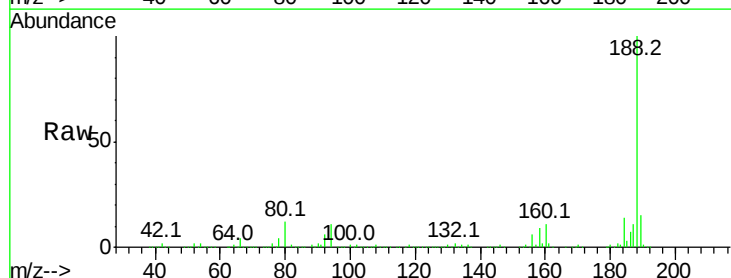
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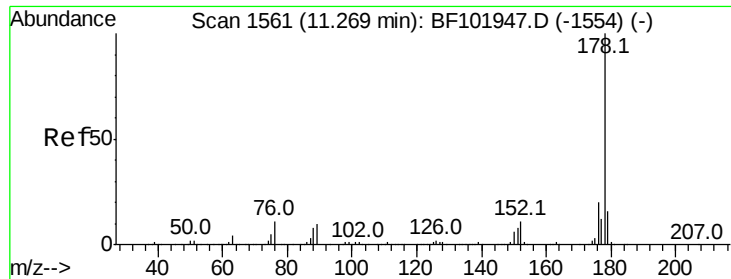
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102199.D
Acq: 18 Jan 2018 18:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.9	9.2	13.8





#70

Phenanthrene

Concen: 7.748 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF102199.D

Acq: 18 Jan 2018 18:46

Instrument :

BNA_F

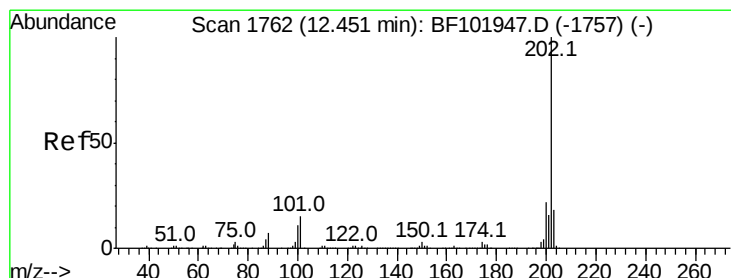
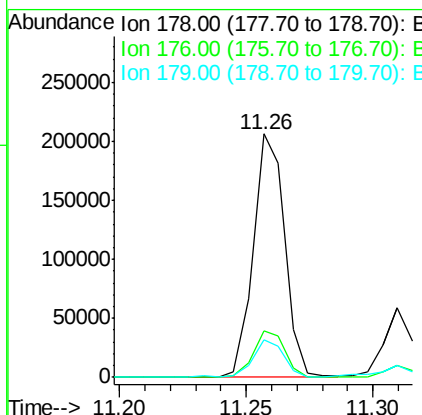
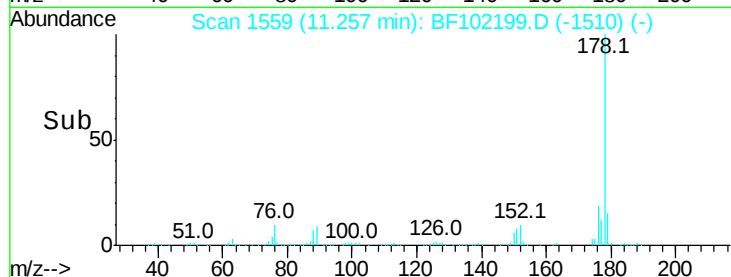
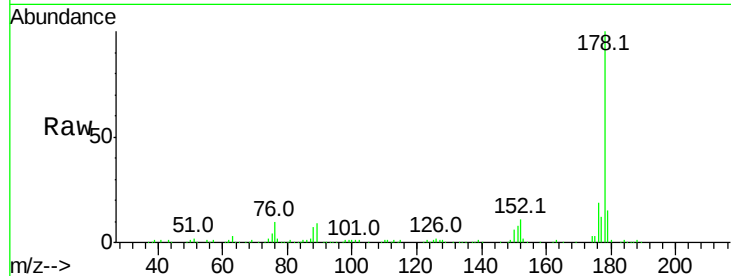
ClientSampled :

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Tot Ion:	178	Resp:	179052
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.8	23.8
179	15.4	13.0	19.6

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#74

Fluoranthene

Concen: 9.785 ng

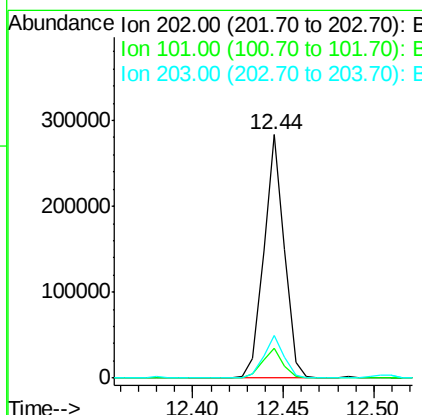
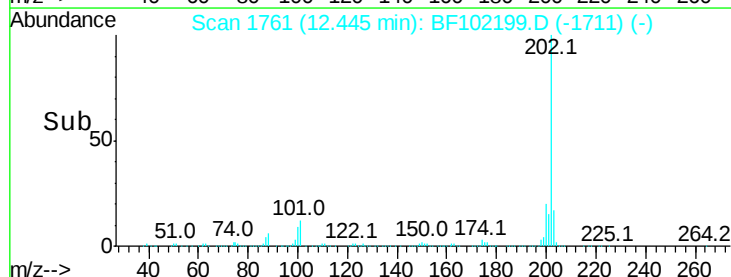
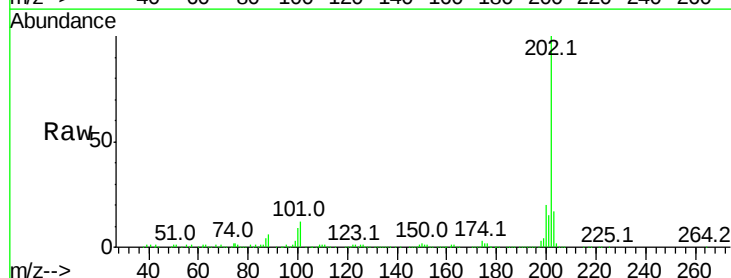
RT: 12.44 min Scan# 1761

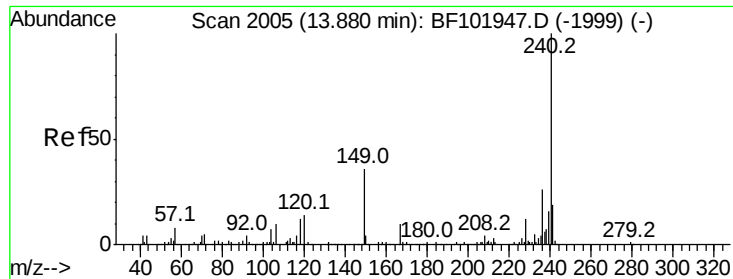
Delta R.T. -0.01 min

Lab File: BF102199.D

Acq: 18 Jan 2018 18:46

Tgt Ion:	202	Resp:	222485
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	34.1
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102199.D

Acq: 18 Jan 2018 18:46

Instrument :

BNA_F

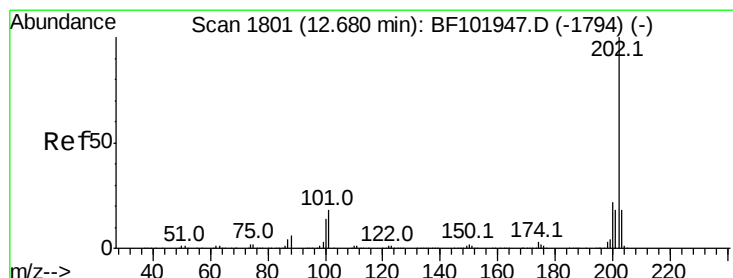
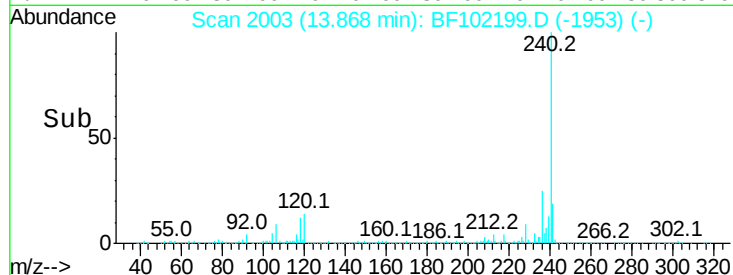
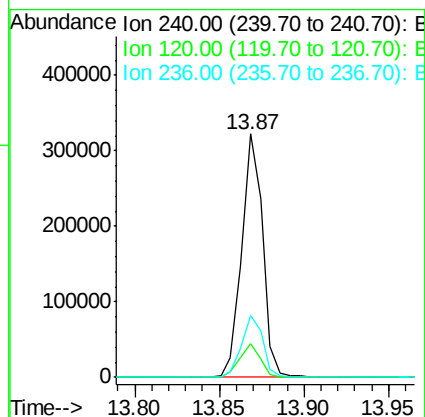
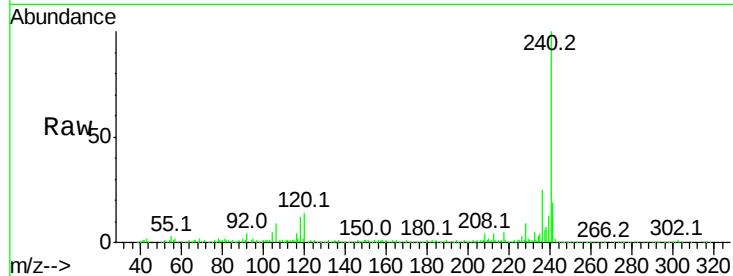
ClientSampleId :

SB-57-0-2.0

Tot Ion:	240	Resp:	279018
Ion Ratio	Lower	Upper	
240	100		
120	14.0	9.5	14.3
236	25.3	20.7	31.1

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#77

Pyrene

Concen: 8.019 ng

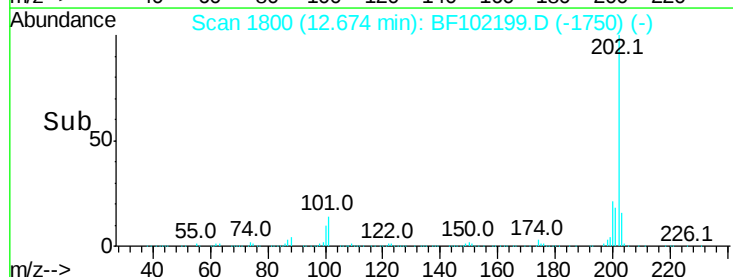
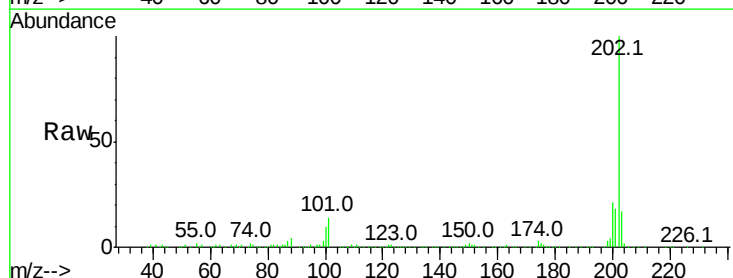
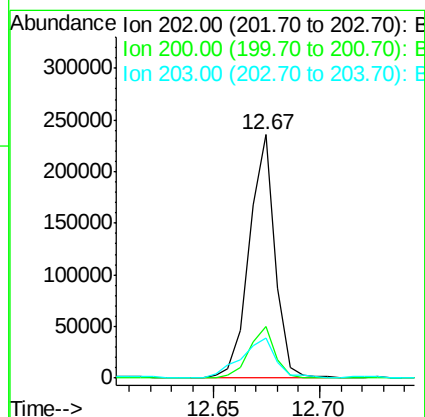
RT: 12.67 min Scan# 1800

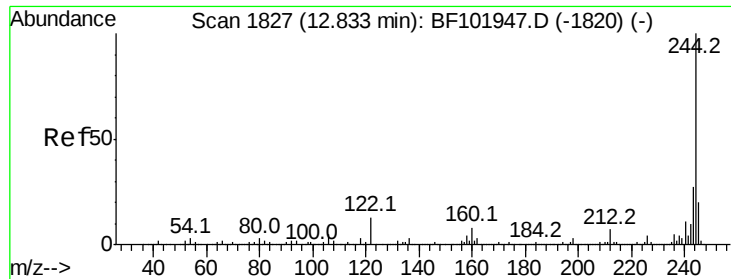
Delta R.T. -0.01 min

Lab File: BF102199.D

Acq: 18 Jan 2018 18:46

Tgt Ion:	202	Resp:	197786
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.4	26.2
203	16.5	14.3	21.5





#78

Terphenyl-d14

Concen: 33.465 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102199.D

Acq: 18 Jan 2018 18:46

Instrument :

BNA_F

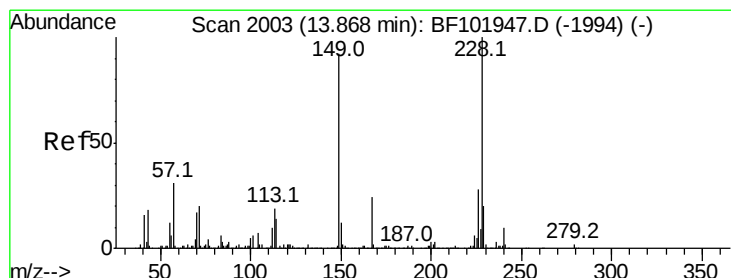
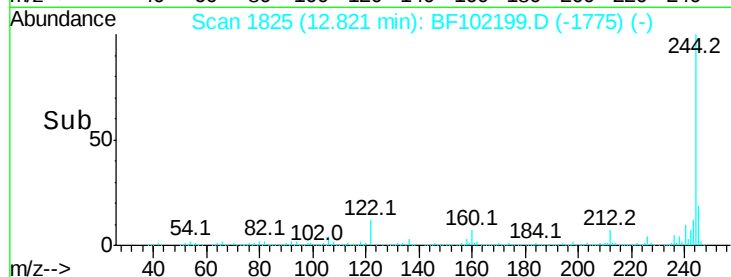
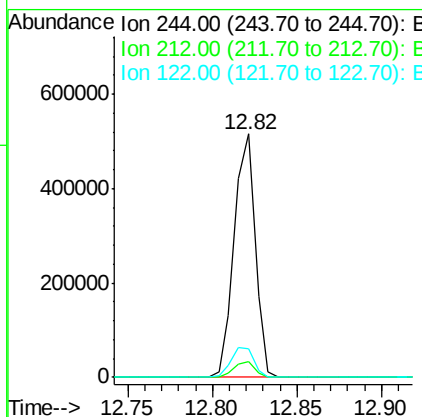
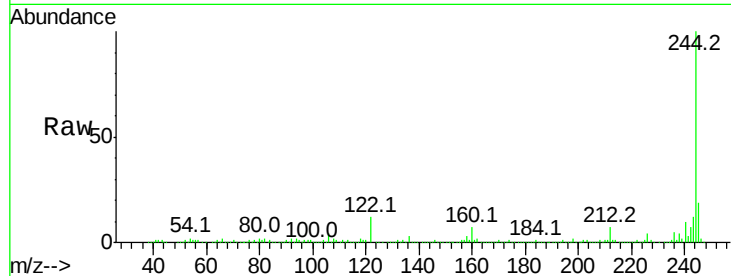
ClientSampleId :

SB-57-0-2.0

Tot Ion:	244	Resp:	449712
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.4	8.0
122	11.6	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 5.377 ng

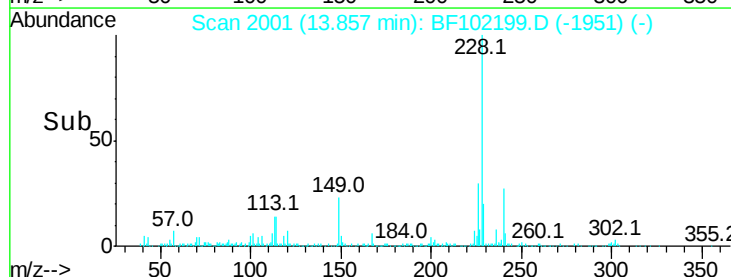
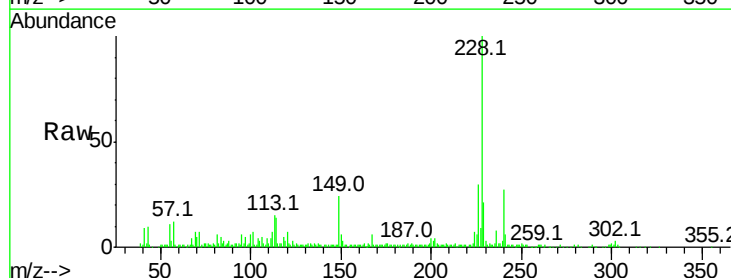
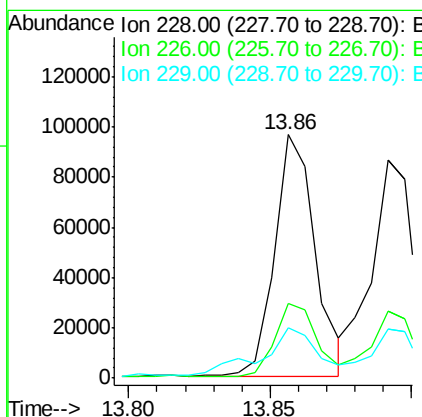
RT: 13.86 min Scan# 2001

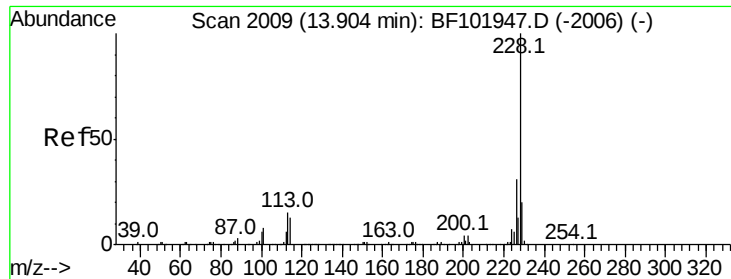
Delta R.T. -0.01 min

Lab File: BF102199.D

Acq: 18 Jan 2018 18:46

Tgt Ion:	228	Resp:	95720
Ion Ratio	Lower	Upper	
228	100		
226	30.5	22.6	33.8
229	20.7	15.8	23.6





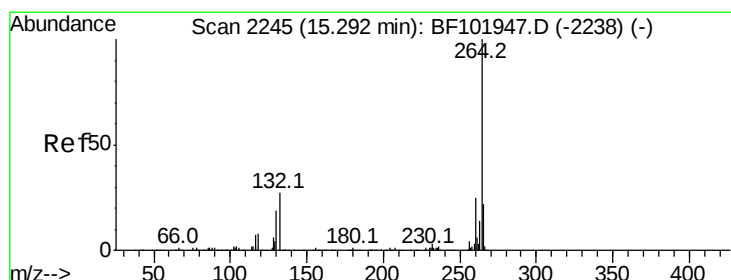
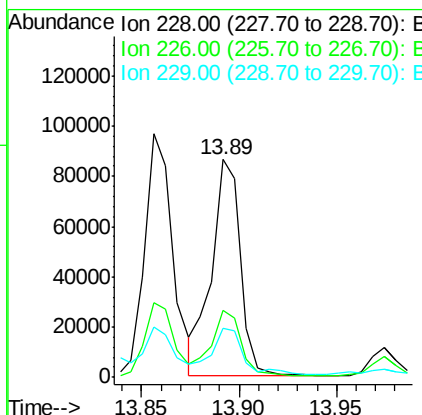
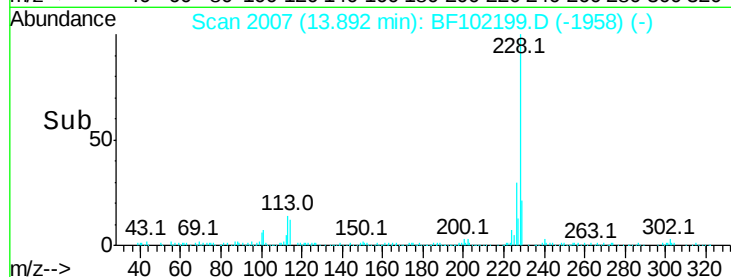
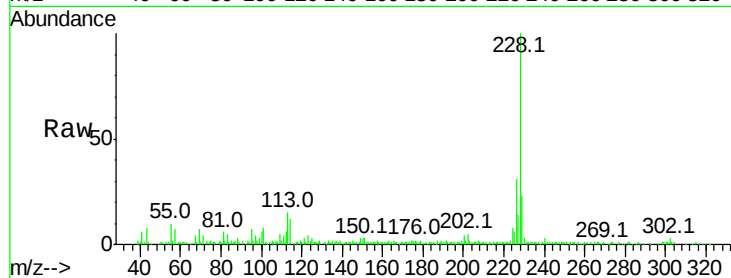
#82
Chrysene
Concen: 4.748 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF102199.D
Acq: 18 Jan 2018 18:46

Instrument :
BNA_F
ClientSampleId :
SB-57-0-2.0

Tot Ion:	228	Resp:	88136
Ion Ratio	Lower	Upper	
228	100		
226	30.7	25.0	37.6
229	22.7	16.2	24.4

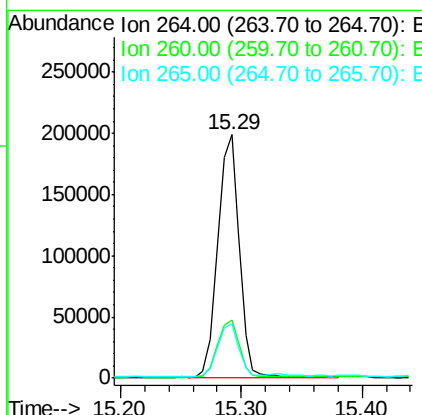
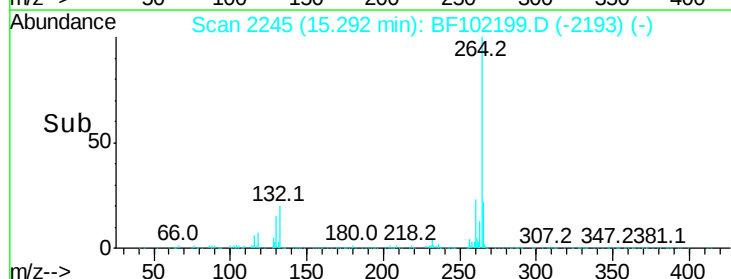
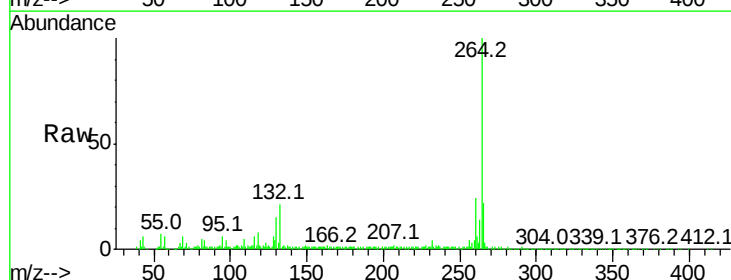
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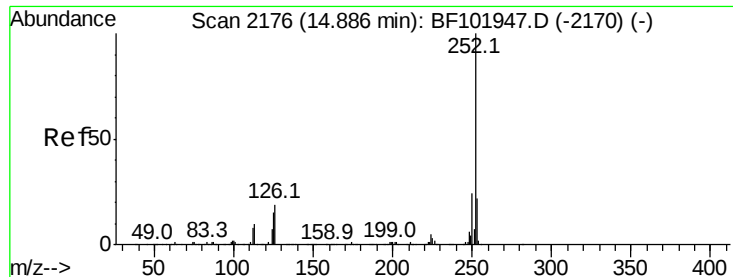
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.01 min
Lab File: BF102199.D
Acq: 18 Jan 2018 18:46

Tgt Ion:	264	Resp:	241517
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	22.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 7.424 ng

RT: 14.88 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BF102199.D

Acq: 18 Jan 2018 18:46

Instrument :

BNA_F

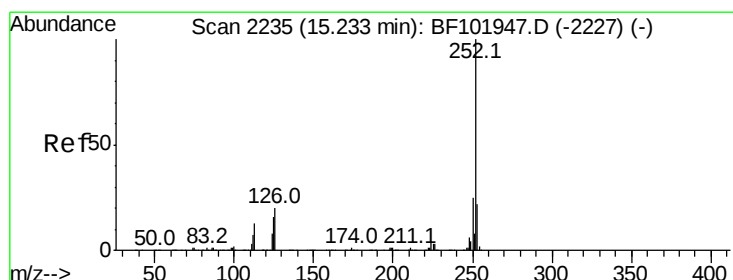
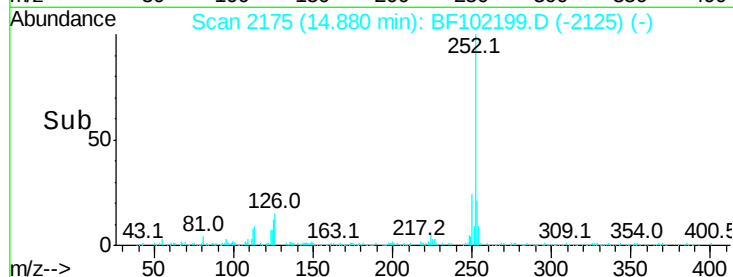
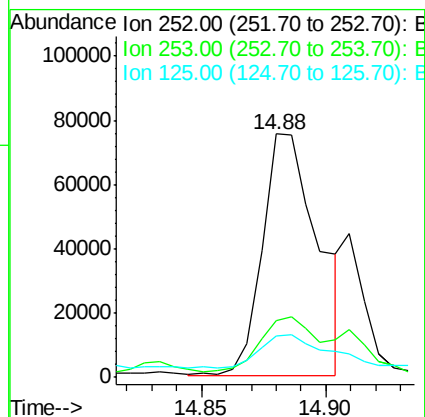
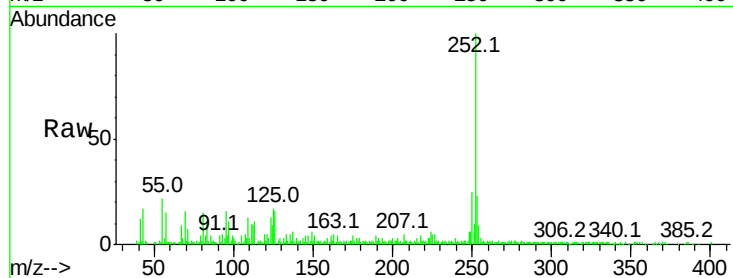
ClientSampled :

SB-57-0-2.0

Tot Ion:	252	Resp:	116906
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.0	25.6
125	16.8	9.0	13.6#

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#89

Benzo(a)pyrene

Concen: 5.188 ng

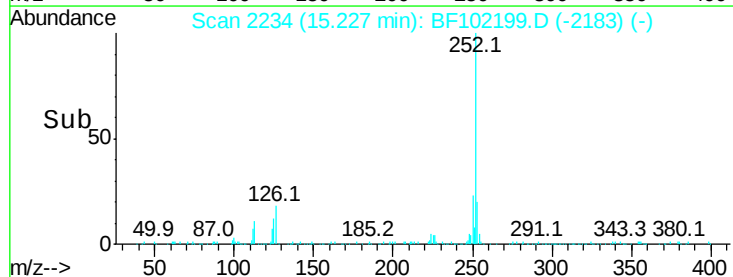
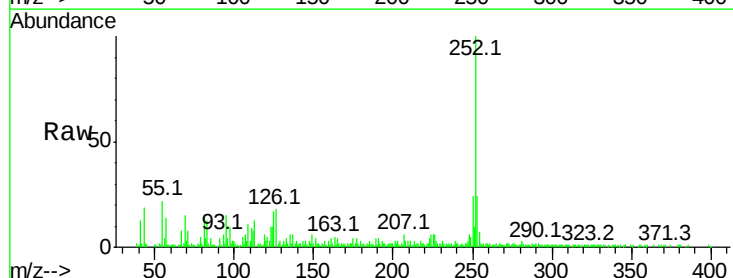
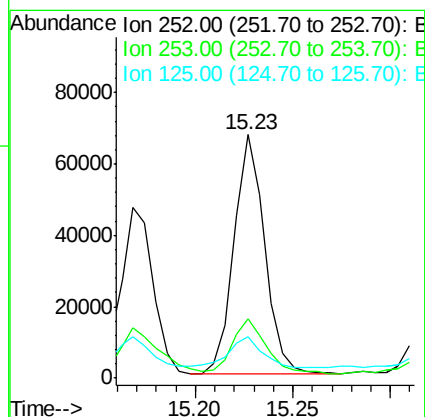
RT: 15.23 min Scan# 2234

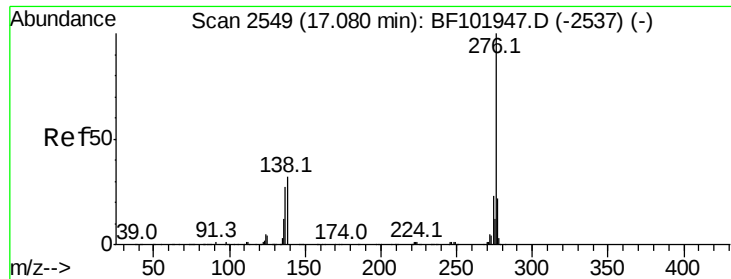
Delta R.T. -0.00 min

Lab File: BF102199.D

Acq: 18 Jan 2018 18:46

Tgt Ion:	252	Resp:	73523
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.1	25.7
125	17.0	9.8	14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 3.532 ng
 RT: 17.08 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: BF102199.D
 Acq: 18 Jan 2018 18:46

Instrument :
 BNA_F
 ClientSampleId :
 SB-57-0-2.0

Tot Ion	Ratio	Lower	Upper
276	100		
277	28.9	17.9	26.9#
138	33.7	21.8	32.8#

Manual Integrations
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Sohil
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