

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
 Data File : BF107361.D
 Acq On : 13 Jul 2018 12:37
 Operator : JU/SJ
 Sample : J3947-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAR-2

Manual Integrations
 APPROVED

Sohil
 7/16/2018 3:22:07 PM

Quant Time: Jul 13 14:31:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 13 11:54:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	55305	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	196337	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	81437	20.00	ng	0.00
63) Phenanthrene-d10	11.47	188	144839	20.00	ng	0.00
75) Chrysene-d12	14.13	240	175273	20.00	ng	0.00
86) Perylene-d12	15.67	264	161438	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	328073	100.45	ng	0.00
7) Phenol-d6	6.58	99	385611	94.54	ng	0.00
23) Nitrobenzene-d5	7.50	82	240109	67.96	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	86911	92.08	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	355510	71.56	ng	0.00
78) Terphenyl-d14	13.05	244	372277	51.45	ng	0.00
Target Compounds						
10) Phenol	6.59	94	10748	2.309	ng	83
20) 3+4-Methylphenols	7.37	107	2024	Below Cal	#	81
49) Dimethylphthalate	9.68	163	66234	10.844	ng	99
70) Phenanthrene	11.49	178	18997	2.719	ng	99
74) Fluoranthene	12.69	202	33062	4.294	ng	96
77) Pyrene	12.93	202	55082	4.766	ng	98
80) Benzo(a)anthracene	14.12	228	54969	5.146	ng	# 94
82) Chrysene	14.16	228	61665	6.275	ng	# 95
85) Indeno(1,2,3-cd)pyrene	17.26	276	21086	2.528	ng	# 87
87) Benzo(b)fluoranthene	15.21	252	58012m	5.785	ng	
88) Benzo(k)fluoranthene	15.24	252	20219m	2.117	ng	
89) Benzo(a)pyrene	15.61	252	55670	6.244	ng	96
91) Benzo(a,h,i)perylene	17.75	276	20199m	2.735	ng	

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

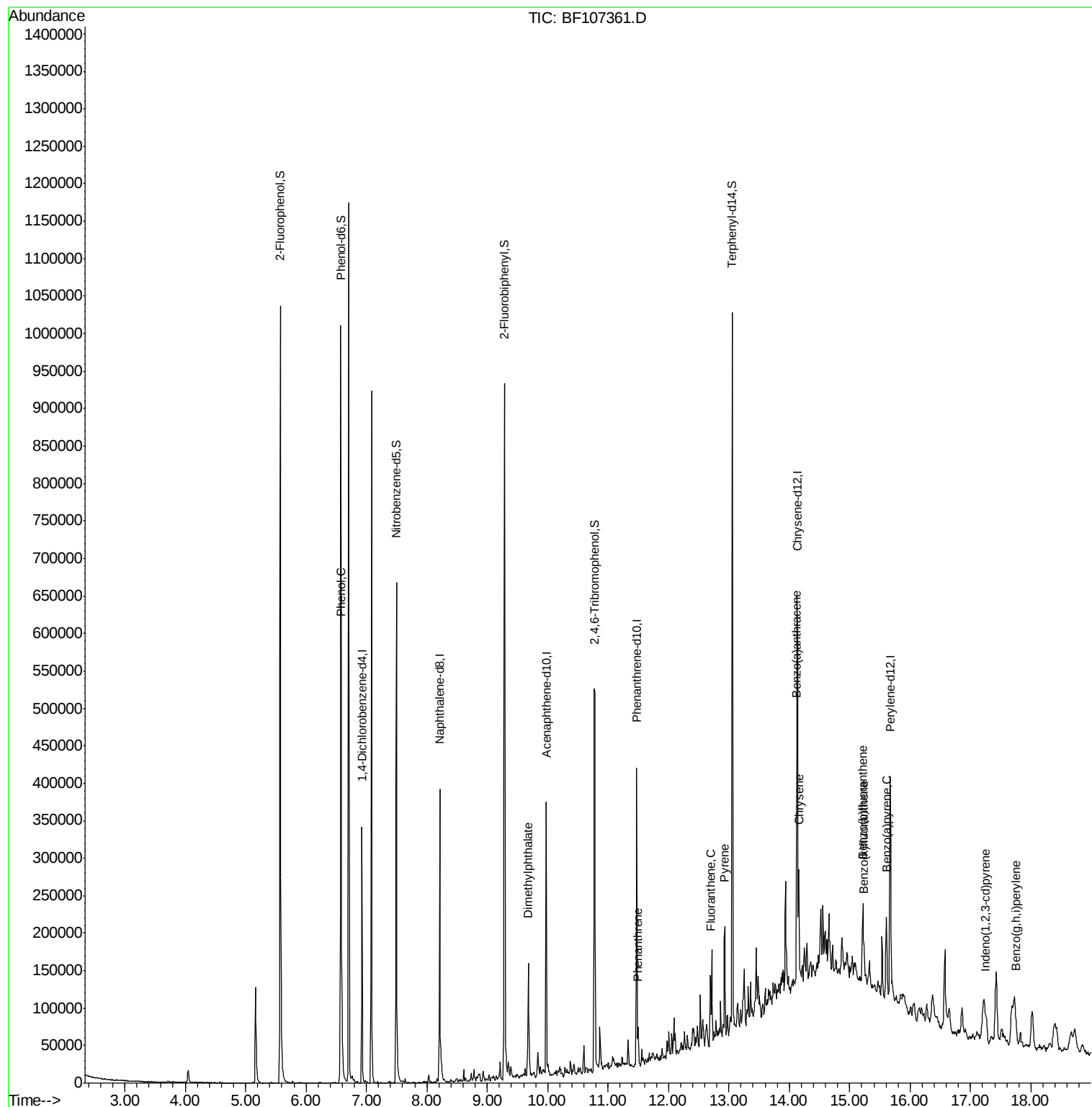
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107361.D
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Misc :
ALS Vial : 8 Sample Multiplier: 1

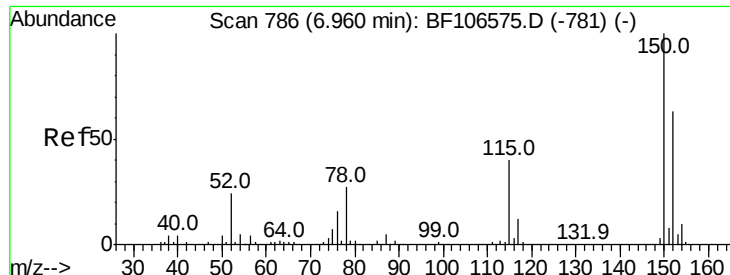
Instrument :
BNA_F
ClientSampleId :
PAR-2

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
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#1

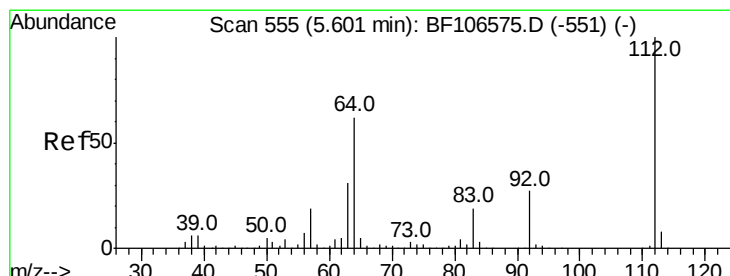
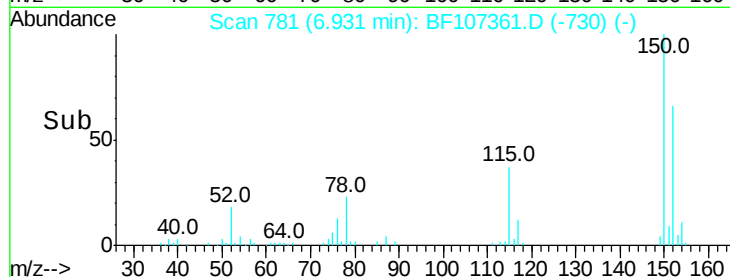
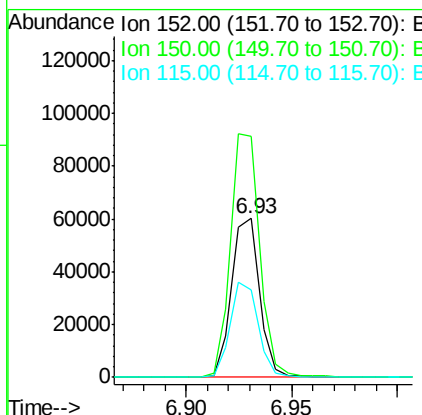
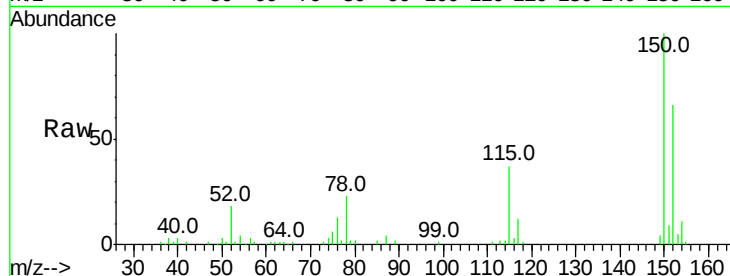
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF107361.D
Acq: 13 Jul 2018 12:37

Instrument :
BNA_F
ClientSampleId :
PAR-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	124.6	186.8
115	55.5	50.1	75.1

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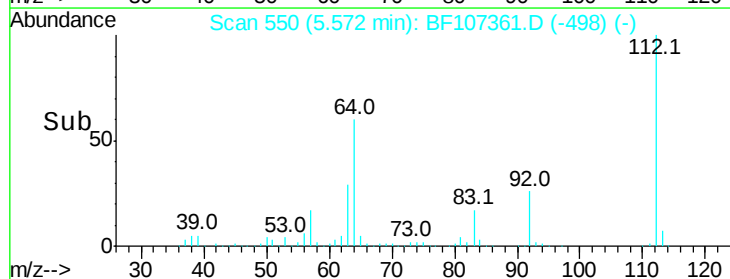
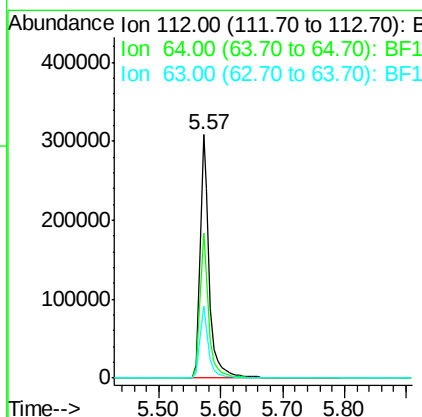
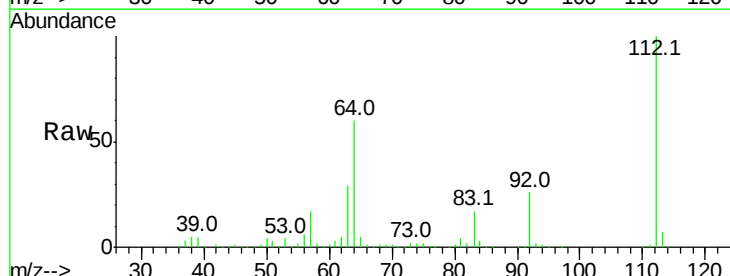
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#5

2-Fluorophenol
Concen: 100.449 ng
RT: 5.57 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF107361.D
Acq: 13 Jul 2018 12:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.9	71.9
63	29.4	23.7	35.5





#7

Phenol-d6

Concen: 94.543 ng

RT: 6.58 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF107361.D

Acq: 13 Jul 2018 12:37

Instrument :

BNA_F

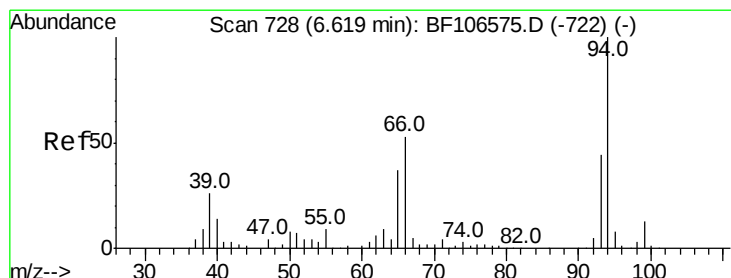
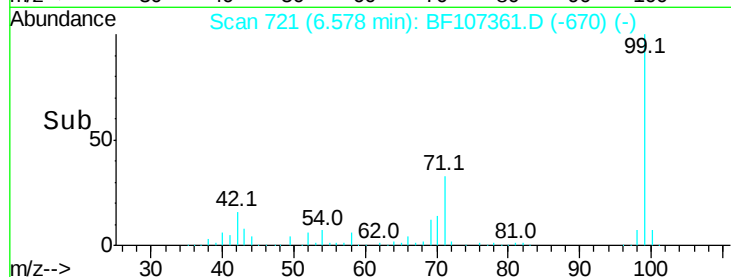
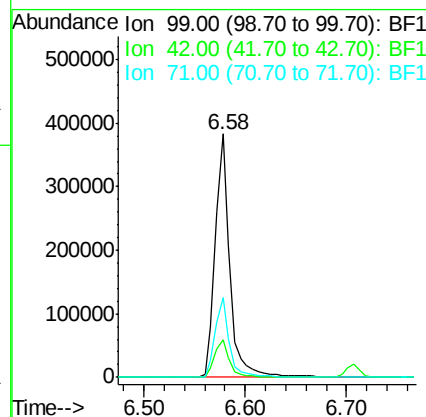
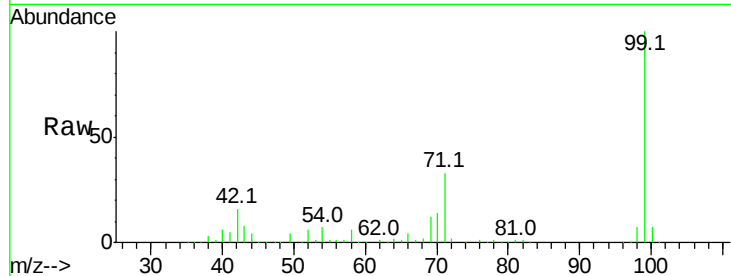
ClientSampled :

PAR-2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		385611		
42	15.5	14.5	21.7		
71	32.6	25.4	38.0		

Manual Integrations
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#10

Phenol

Concen: 2.309 ng

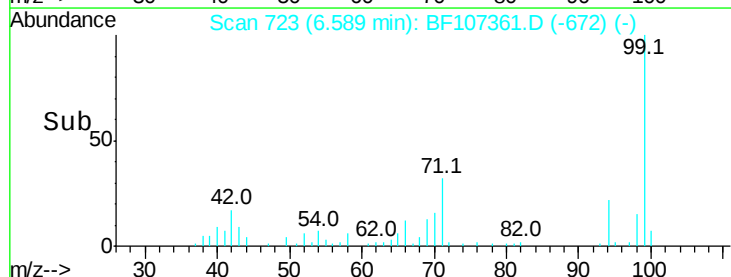
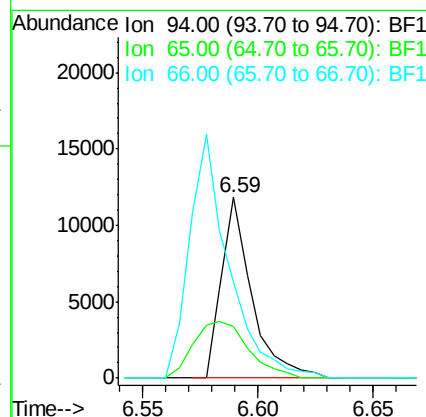
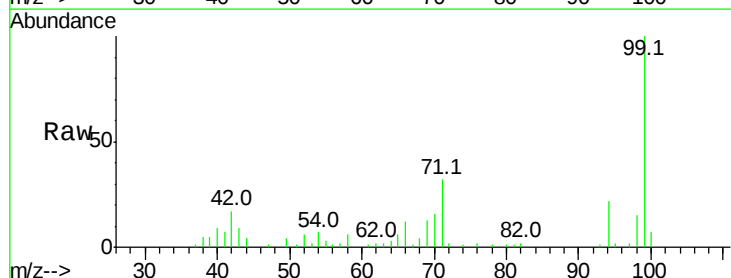
RT: 6.59 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF107361.D

Acq: 13 Jul 2018 12:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		10748		
65	28.8	7.9	47.9		
66	53.0	16.2	56.2		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.21 min Scan# 999

Delta R.T. -0.00 min

Lab File: BF107361.D

Acq: 13 Jul 2018 12:37

Instrument :

BNA_F

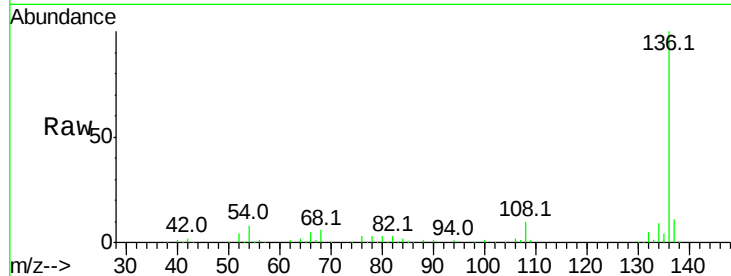
ClientSampleId :

PAR-2

Tot Ion	Ratio	Resp	Lower	Upper
136	100	196337		
137	10.6		8.9	13.3
54	7.7		6.6	9.8
68	6.2		5.0	7.4

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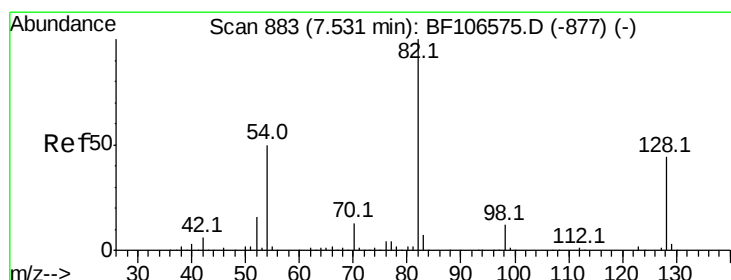
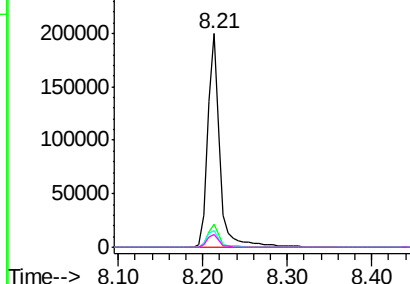
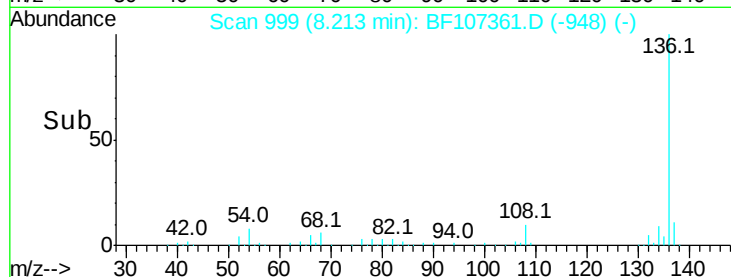


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 67.963 ng

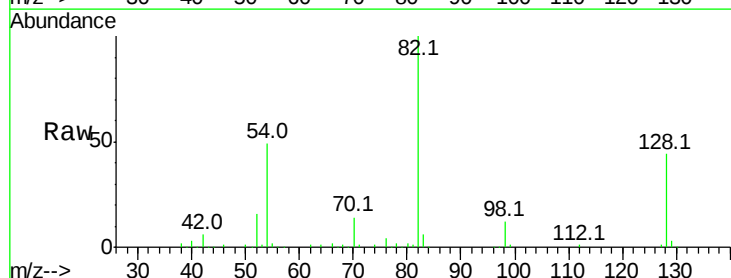
RT: 7.50 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF107361.D

Acq: 13 Jul 2018 12:37

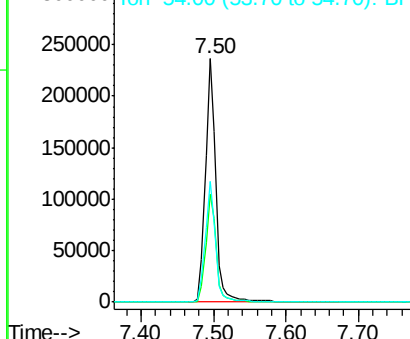
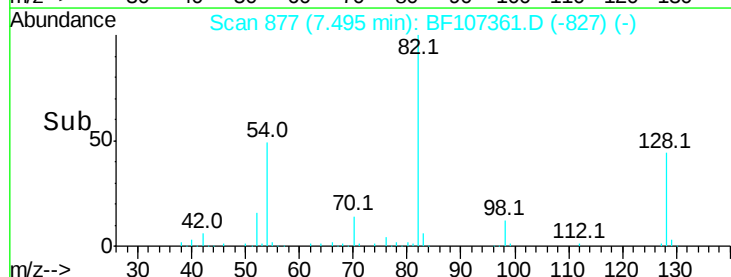
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	240109		
128	44.1		36.1	54.1
54	49.4		41.4	62.2

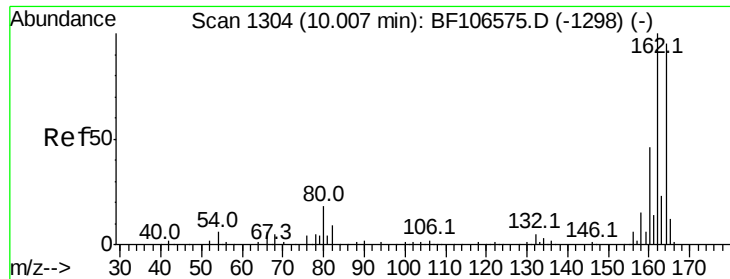


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





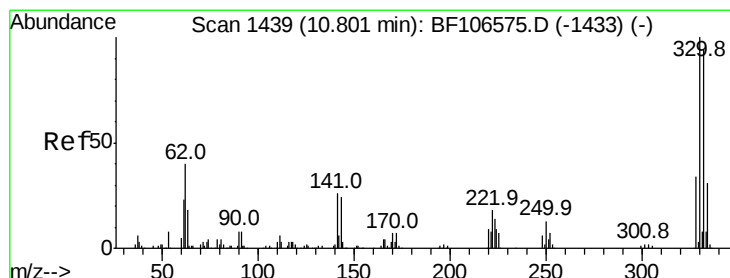
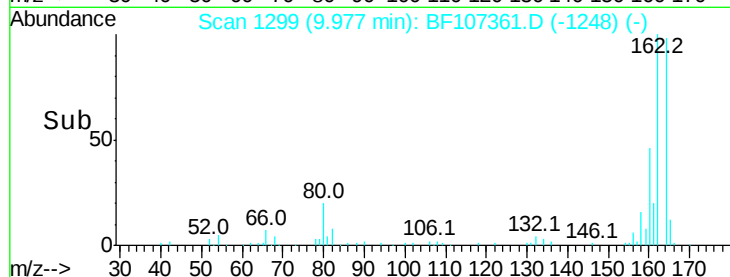
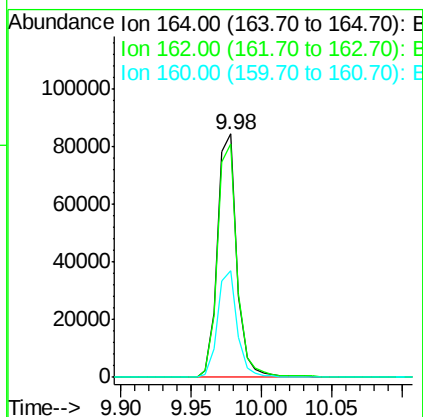
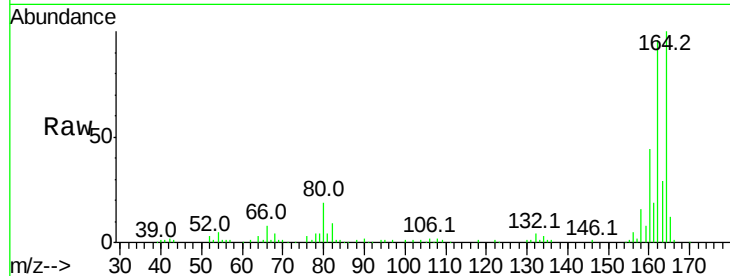
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF107361.D
Acq: 13 Jul 2018 12:37

Instrument :
BNA_F
ClientSampleId :
PAR-2

Tot Ion	Ratio	Lower	Upper
164	100		
162	95.9	86.1	129.1
160	43.8	38.3	57.5

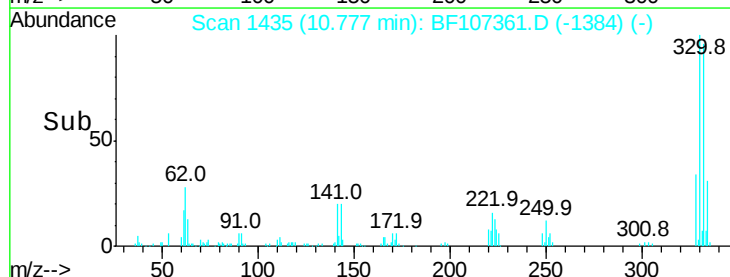
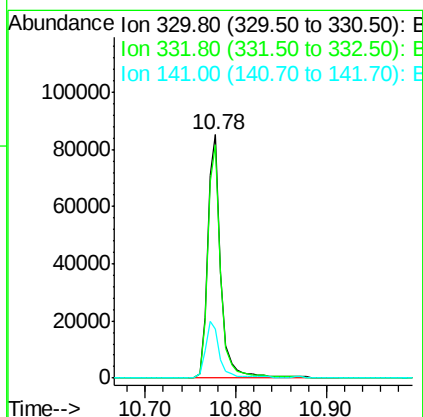
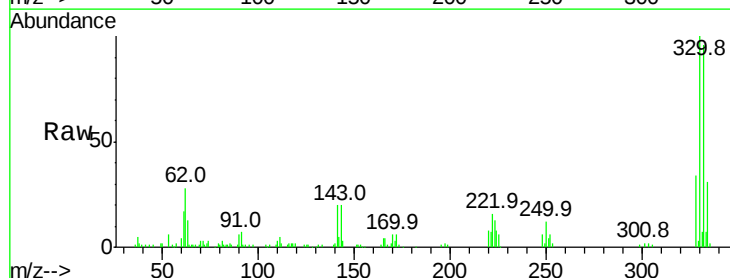
Manual Integrations
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#41
2,4,6-Tribromophenol
Concen: 92.079 ng
RT: 10.78 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF107361.D
Acq: 13 Jul 2018 12:37

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	25.1	29.9	44.9#





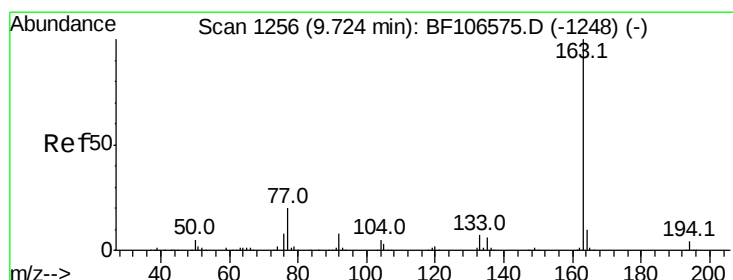
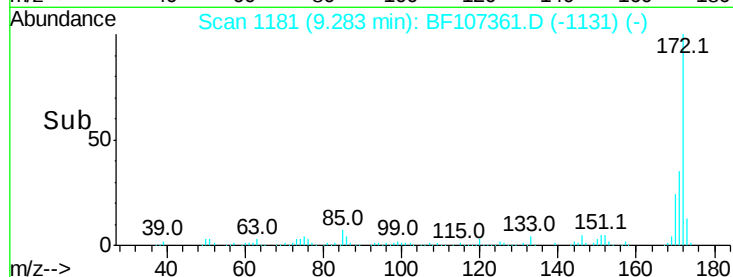
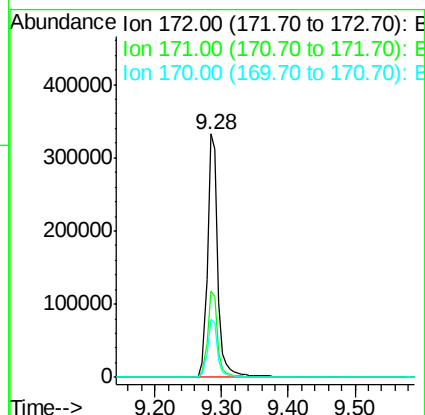
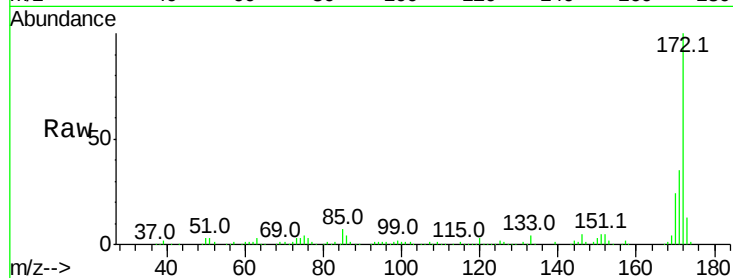
#44
2-Fluorobiphenyl
Concen: 71.558 ng
RT: 9.28 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF107361.D
Acq: 13 Jul 2018 12:37

Instrument :
BNA_F
ClientSampleId :
PAR-2

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.4	29.7	44.5	
170	24.0	19.6	29.4	

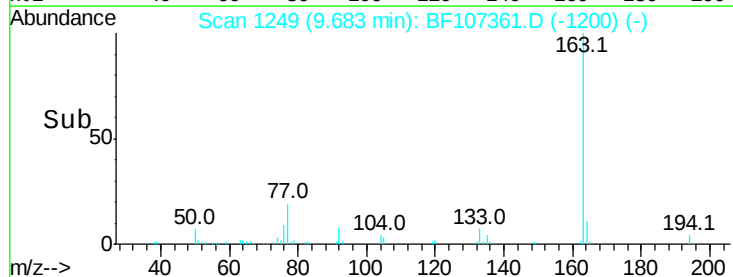
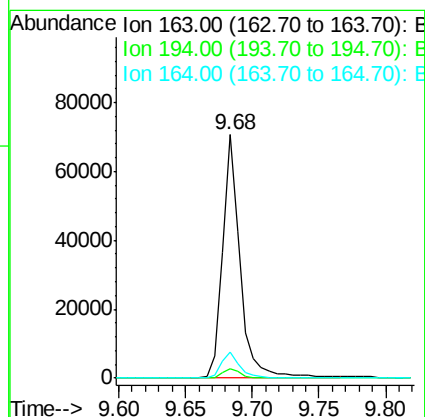
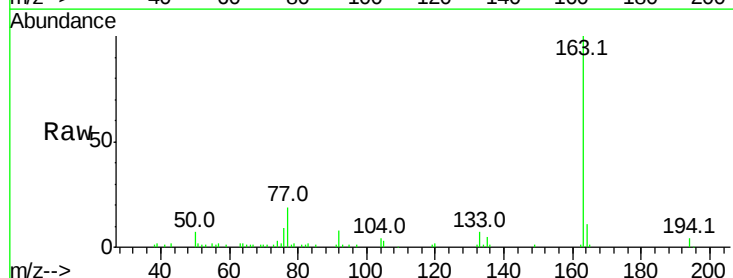
Manual Integrations
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#49
Dimethylphthalate
Concen: 10.844 ng
RT: 9.68 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF107361.D
Acq: 13 Jul 2018 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	2.7	4.1	
164	10.5	8.2	12.2	





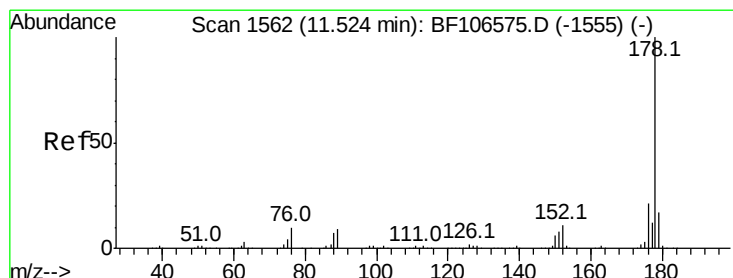
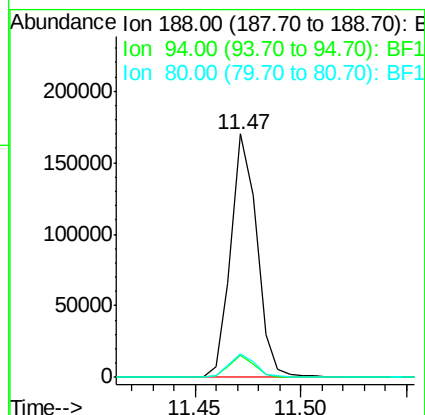
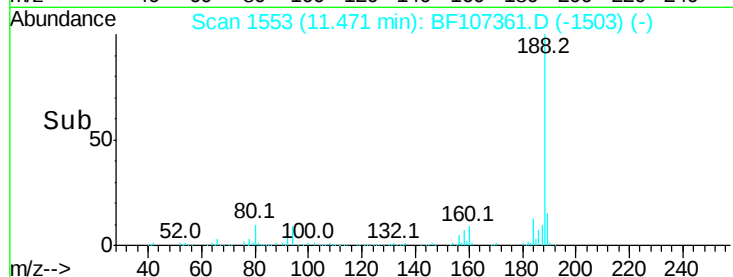
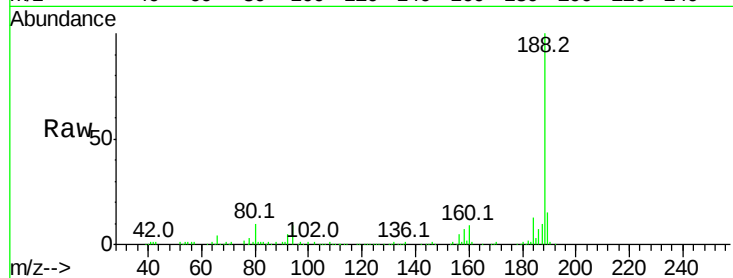
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF107361.D
Acq: 13 Jul 2018 12:37

Instrument :
BNA_F
ClientSampleId :
PAR-2

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.8	9.2	13.8

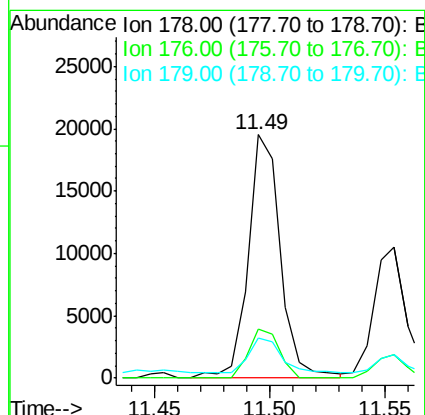
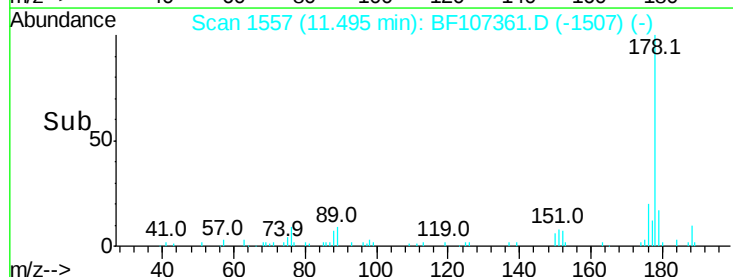
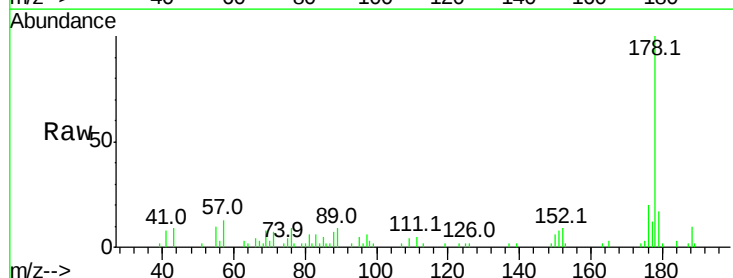
Manual Integrations
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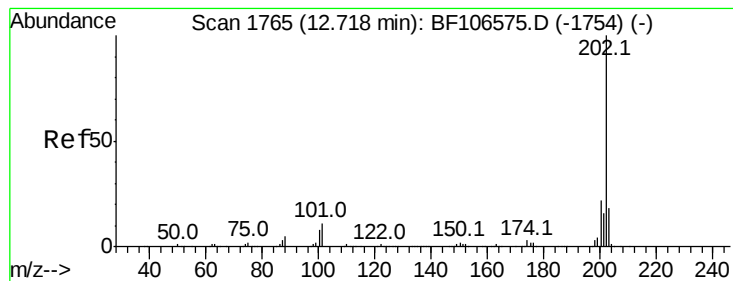
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#70
Phenanthrene
Concen: 2.719 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107361.D
Acq: 13 Jul 2018 12:37

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	20.0	15.8	23.8
179	16.7	13.0	19.6





#74

Fluoranthene

Concen: 4.294 ng

RT: 12.69 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF107361.D

Acq: 13 Jul 2018 12:37

Instrument :

BNA_F

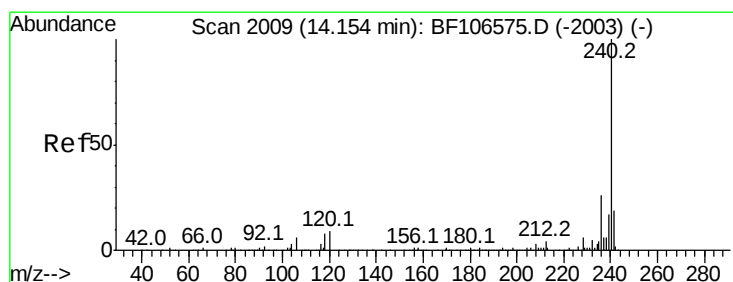
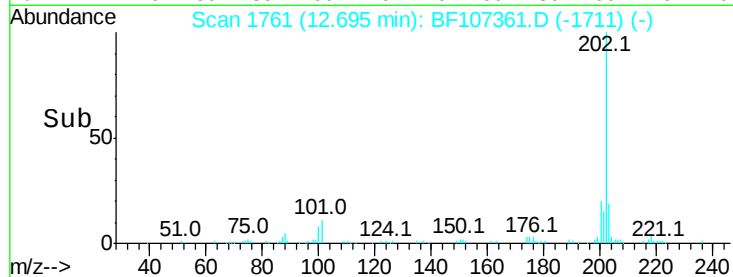
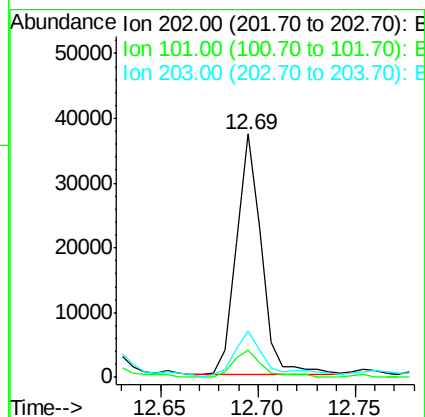
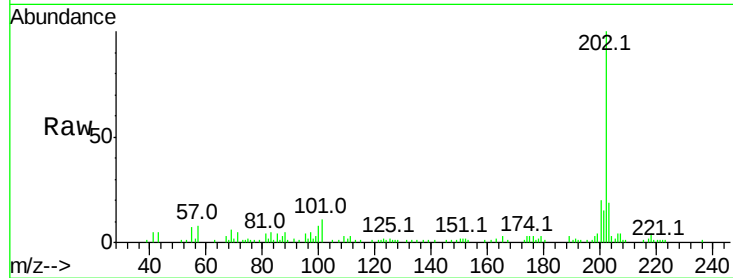
ClientSampled :

PAR-2

Tot Ion:	202	Resp:	33062
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	34.1
203	18.9	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

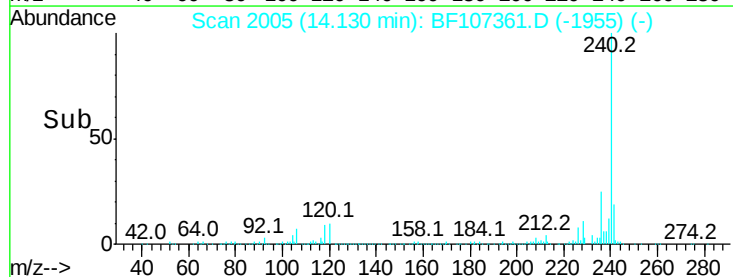
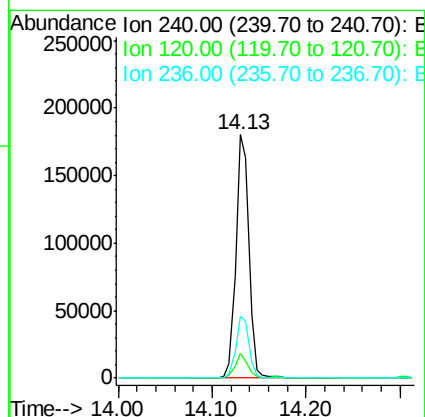
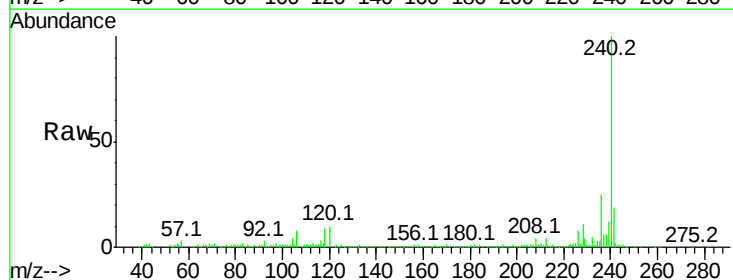
RT: 14.13 min Scan# 2005

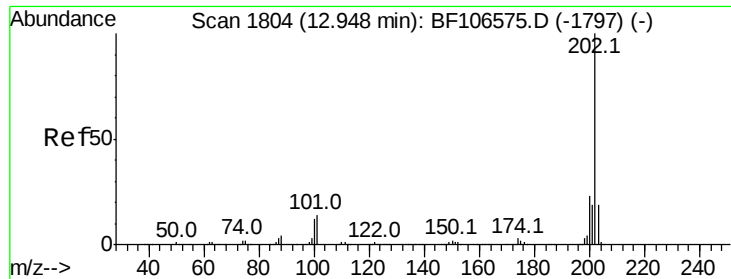
Delta R.T. -0.01 min

Lab File: BF107361.D

Acq: 13 Jul 2018 12:37

Tgt Ion:	240	Resp:	175273
Ion Ratio	Lower	Upper	
240	100		
120	10.1	9.5	14.3
236	25.5	20.7	31.1





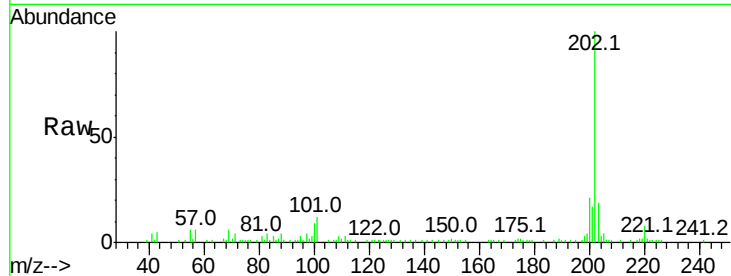
#77
Pvrene
Concen: 4.766 ng
RT: 12.93 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF107361.D
Acq: 13 Jul 2018 12:37

Instrument :
BNA_F
ClientSampleId :
PAR-2

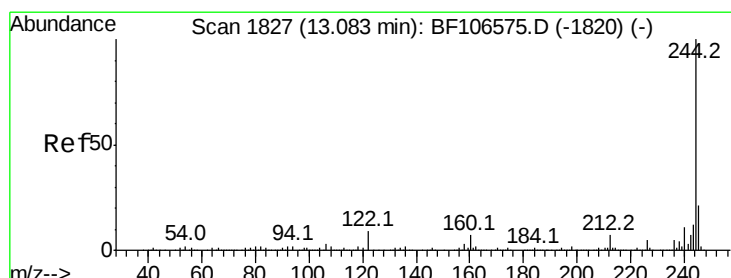
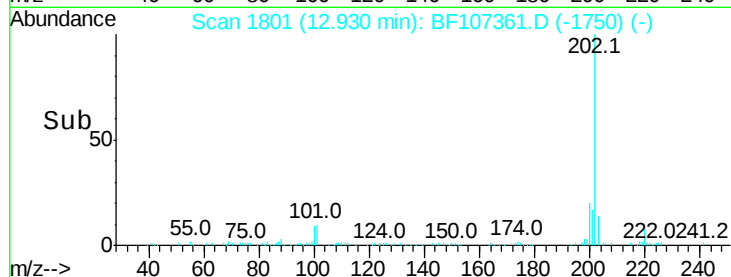
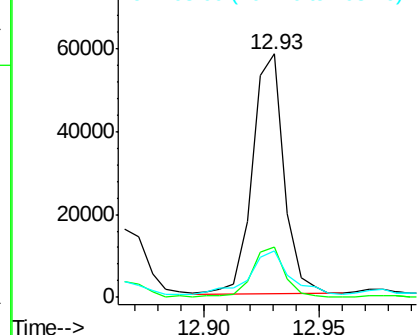
Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.9	17.4	26.2
203	19.1	14.3	21.5

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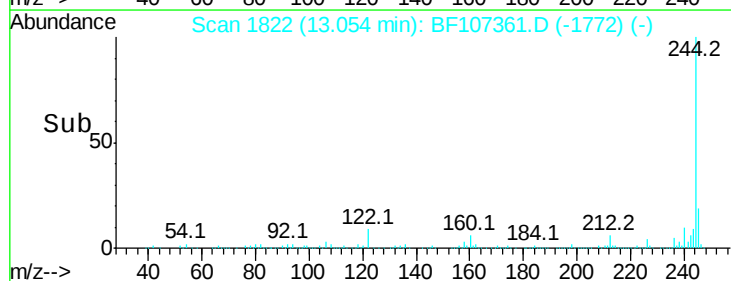
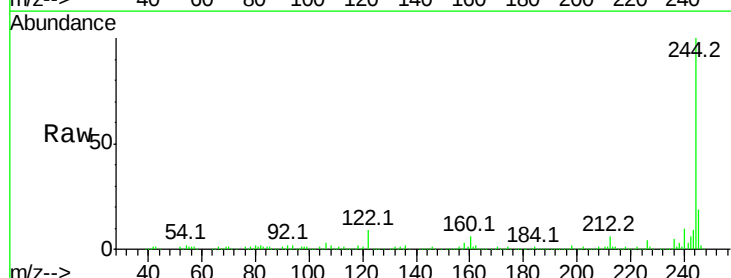
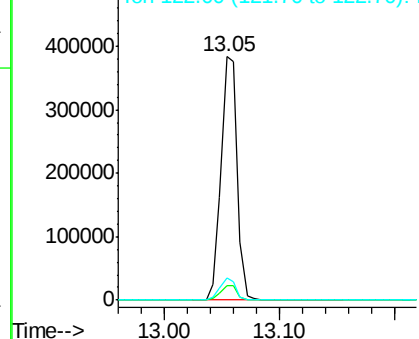
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

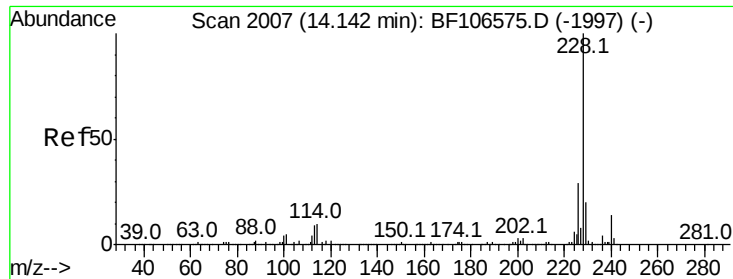


#78
Terphenyl-d14
Concen: 51.449 ng
RT: 13.05 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF107361.D
Acq: 13 Jul 2018 12:37

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.2	5.4	8.0
122	9.3	11.0	16.4#

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





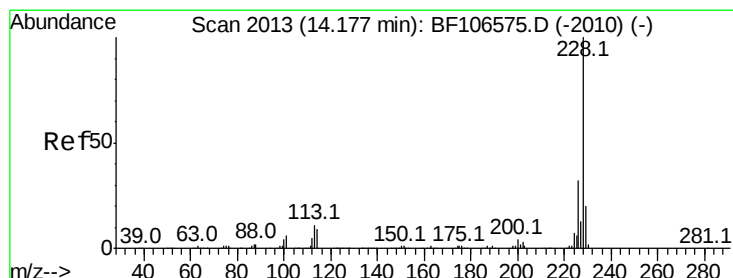
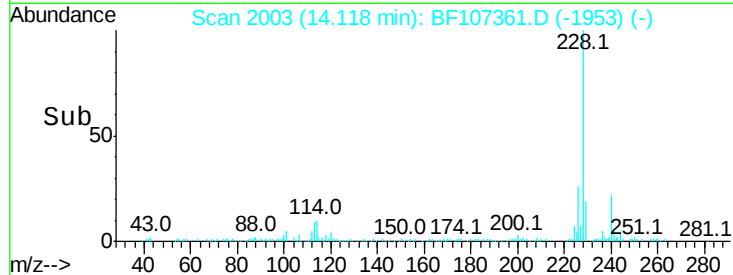
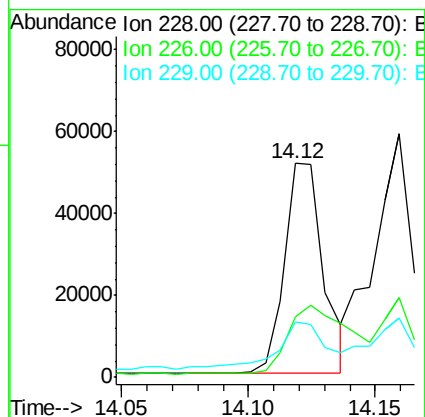
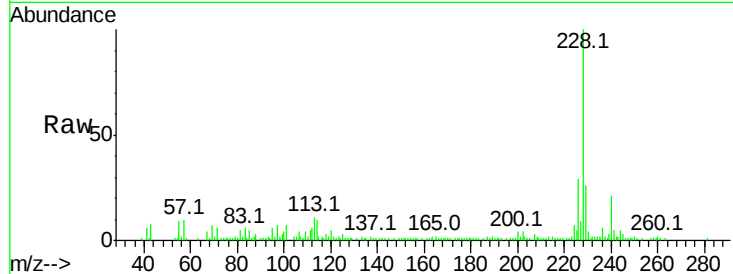
#80
Benzo(a)anthracene
Concen: 5.146 ng
RT: 14.12 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF107361.D
Acq: 13 Jul 2018 12:37

Instrument :
BNA_F
ClientSampleId :
PAR-2

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	25.6	15.8	23.6

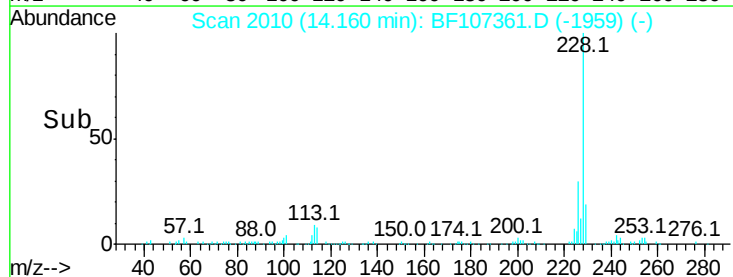
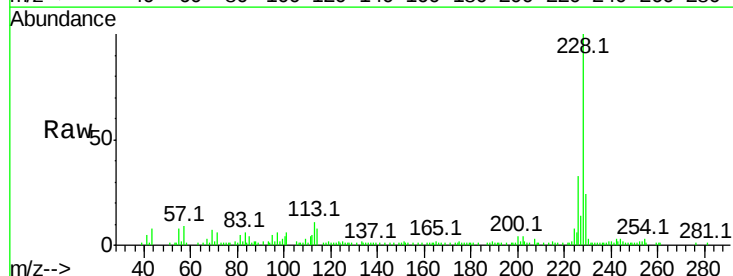
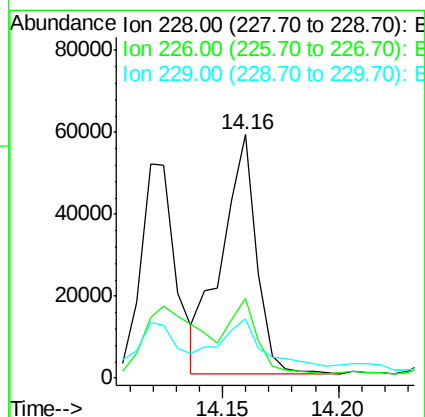
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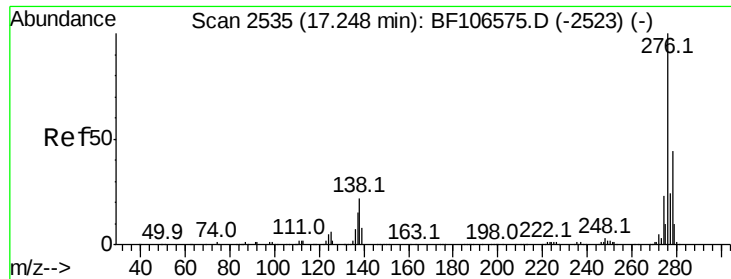
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#82
Chrysene
Concen: 6.275 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BF107361.D
Acq: 13 Jul 2018 12:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.0	37.6
229	24.4	16.2	24.4





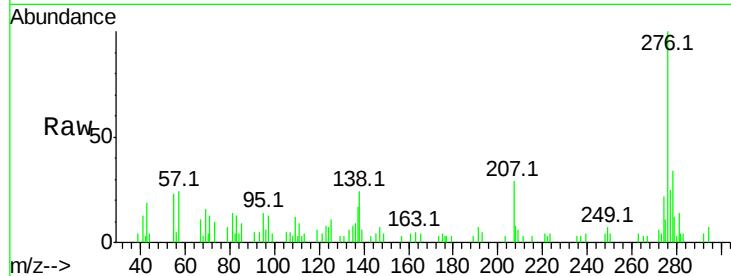
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.528 ng
RT: 17.26 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF107361.D
Acq: 13 Jul 2018 12:37

Instrument :
BNA_F
ClientSampled :
PAR-2

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.4	25.0	37.6#
277	23.2	20.1	30.1

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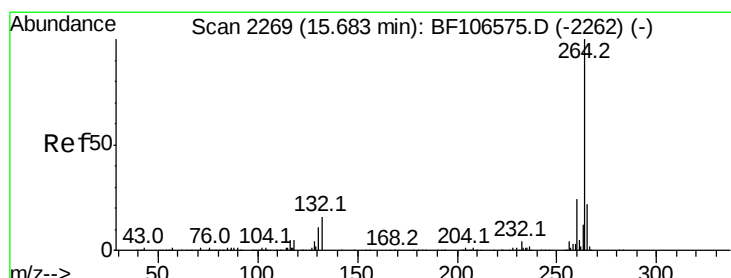
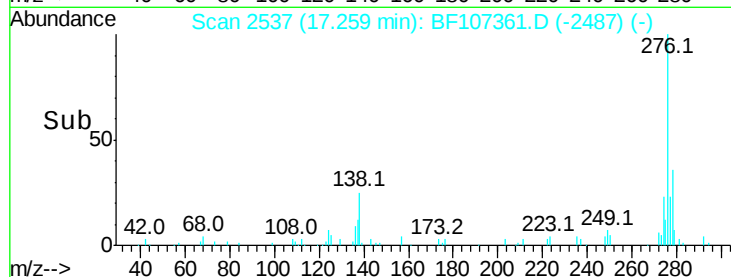
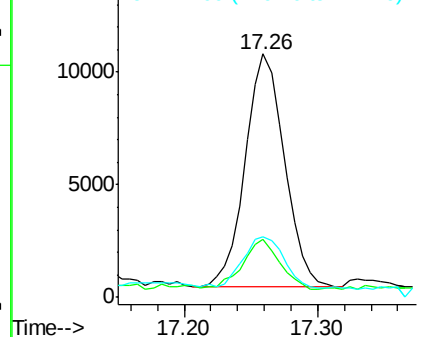


Abundance

Ion 276.00 (275.70 to 276.70): E

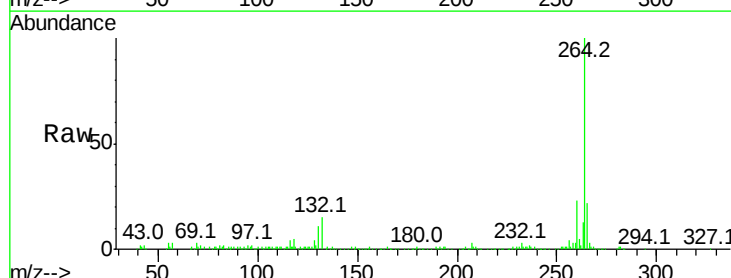
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. 0.01 min
Lab File: BF107361.D
Acq: 13 Jul 2018 12:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.9	17.5	26.3

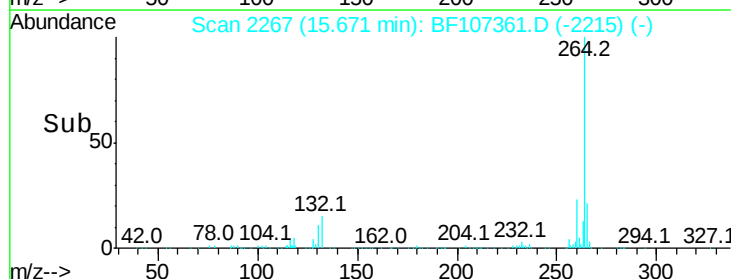
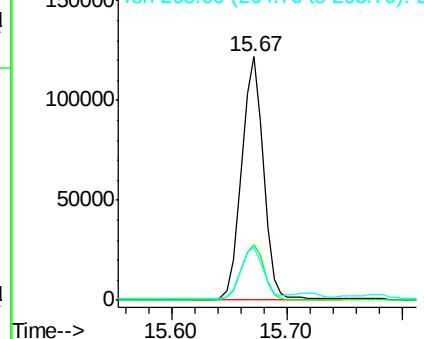


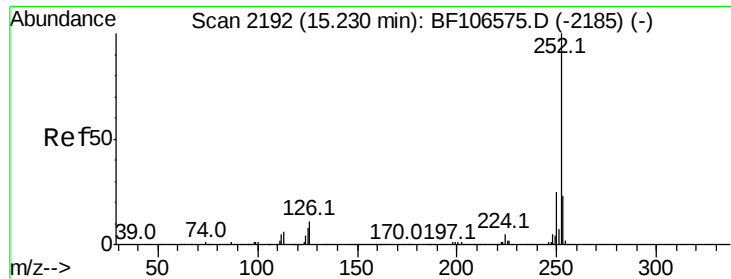
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





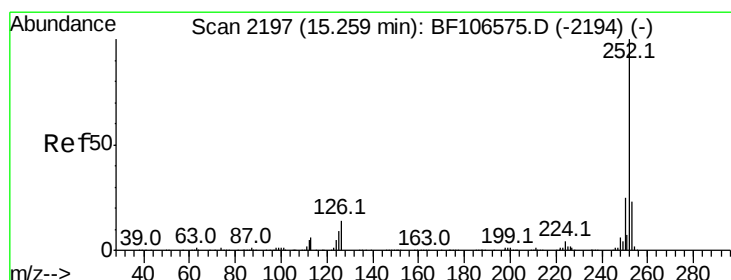
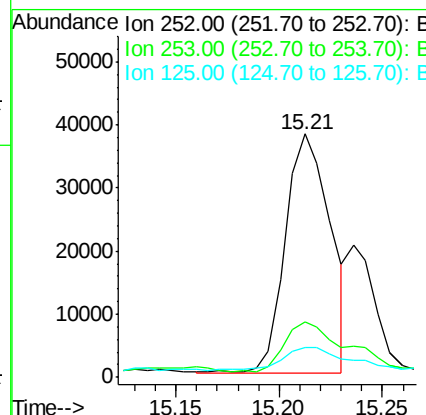
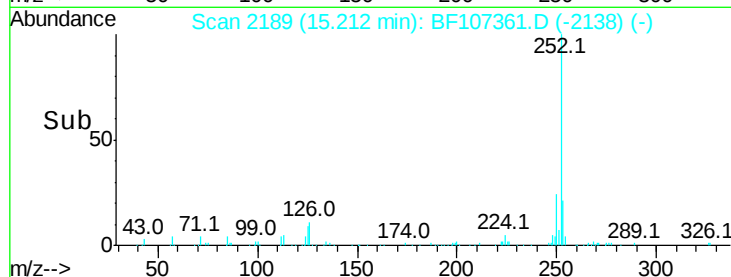
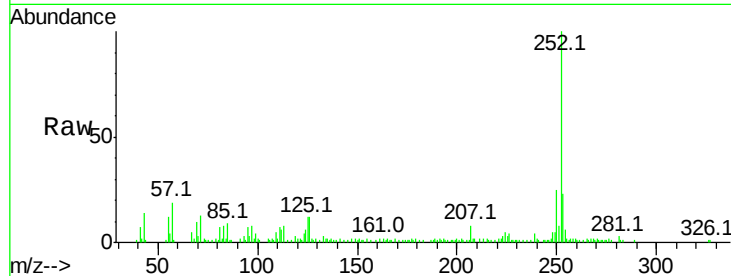
#87
Benzo(b)fluoranthene
Concen: 5.785 ng m
RT: 15.21 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BF107361.D
Acq: 13 Jul 2018 12:37

Instrument :
BNA_F
ClientSampled :
PAR-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	12.2	9.0	13.6

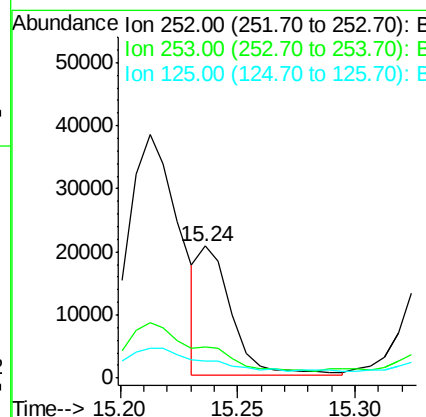
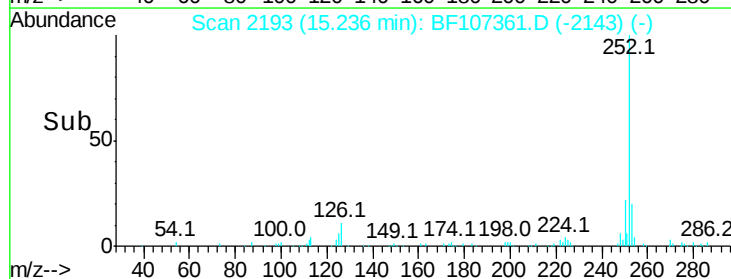
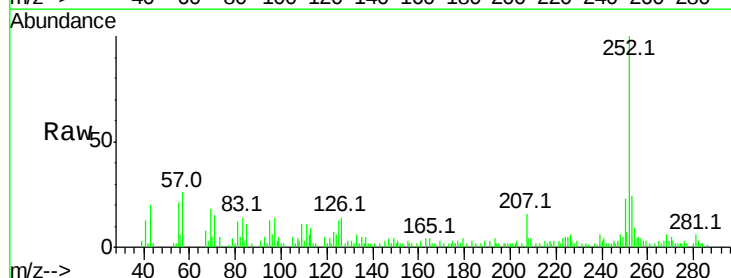
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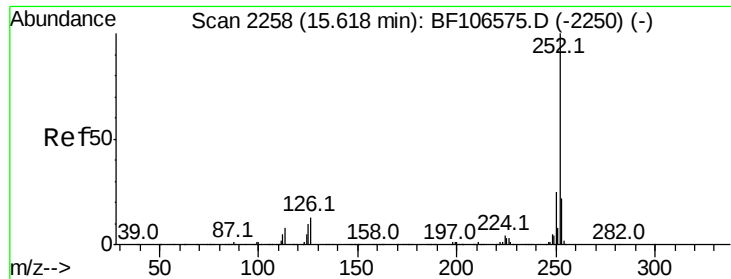
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#88
Benzo(k)fluoranthene
Concen: 2.117 ng m
RT: 15.24 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BF107361.D
Acq: 13 Jul 2018 12:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	13.2	10.2	15.2





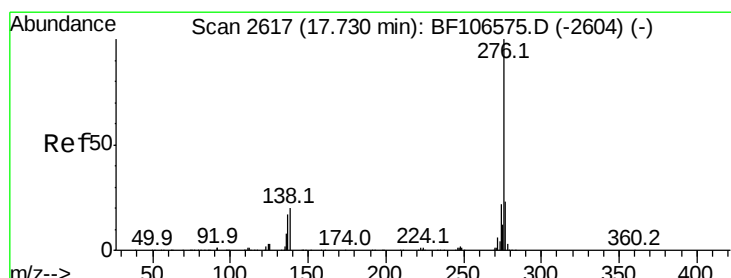
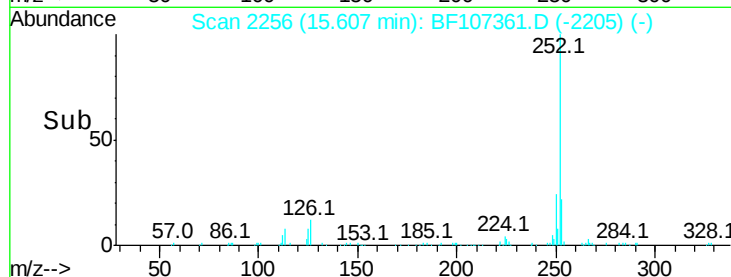
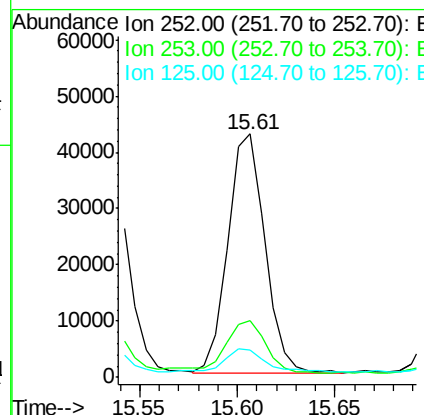
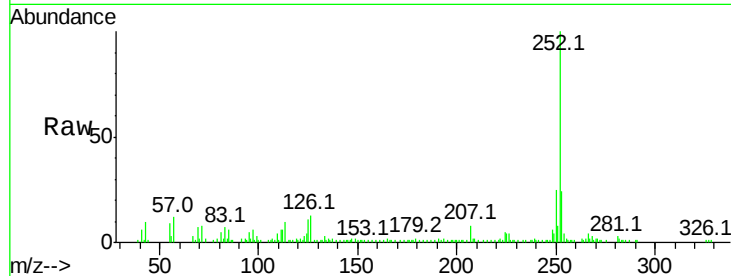
#89
Benzo(a)pyrene
Concen: 6.244 ng
RT: 15.61 min Scan# 2256
Delta R.T. -0.00 min
Lab File: BF107361.D
Acq: 13 Jul 2018 12:37

Instrument :
BNA_F
ClientSampled :
PAR-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	11.2	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.735 ng m
RT: 17.75 min Scan# 2621
Delta R.T. 0.01 min
Lab File: BF107361.D
Acq: 13 Jul 2018 12:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.6	17.9	26.9#
138	21.7	21.8	32.8#

