

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071218\
 Data File : BF107353.D
 Acq On : 12 Jul 2018 21:33
 Operator : JU/SJ
 Sample : J3933-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-7-N2

Manual Integrations
 APPROVED

Sohil
 7/13/2018 11:17:18 AM

Quant Time: Jul 13 04:02:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	54042	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	183650	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	77545	20.00	ng	0.00
63) Phenanthrene-d10	11.47	188	150408	20.00	ng	0.00
75) Chrysene-d12	14.13	240	157394	20.00	ng	-0.01
86) Perylene-d12	15.67	264	111293	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	360239	112.88	ng	0.01
7) Phenol-d6	6.58	99	429782	107.84	ng	0.00
23) Nitrobenzene-d5	7.50	82	263595	79.77	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	100919	112.29	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	440988	98.62	ng	0.00
78) Terphenyl-d14	13.06	244	510968	78.64	ng	0.00
Target Compounds						
10) Phenol	6.60	94	12121	2.665	ng	80
49) Dimethylphthalate	9.68	163	74432	12.798	ng	99
70) Phenanthrene	11.50	178	59769	8.239	ng	97
74) Fluoranthene	12.70	202	130859	16.366	ng	95
77) Pyrene	12.93	202	131466	12.666	ng	99
80) Benzo(a)anthracene	14.12	228	72794	7.588	ng	98
82) Chrysene	14.16	228	67899	7.694	ng	98
85) Indeno(1,2,3-cd)pyrene	17.26	276	28799m	3.845	ng	
87) Benzo(b)fluoranthene	15.21	252	71043m	10.276	ng	
88) Benzo(k)fluoranthene	15.24	252	21303m	3.236	ng	
89) Benzo(a)pyrene	15.60	252	47326	7.700	ng	97
91) Benzo(a,h,i)perylene	17.75	276	28843	5.666	ng	92

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

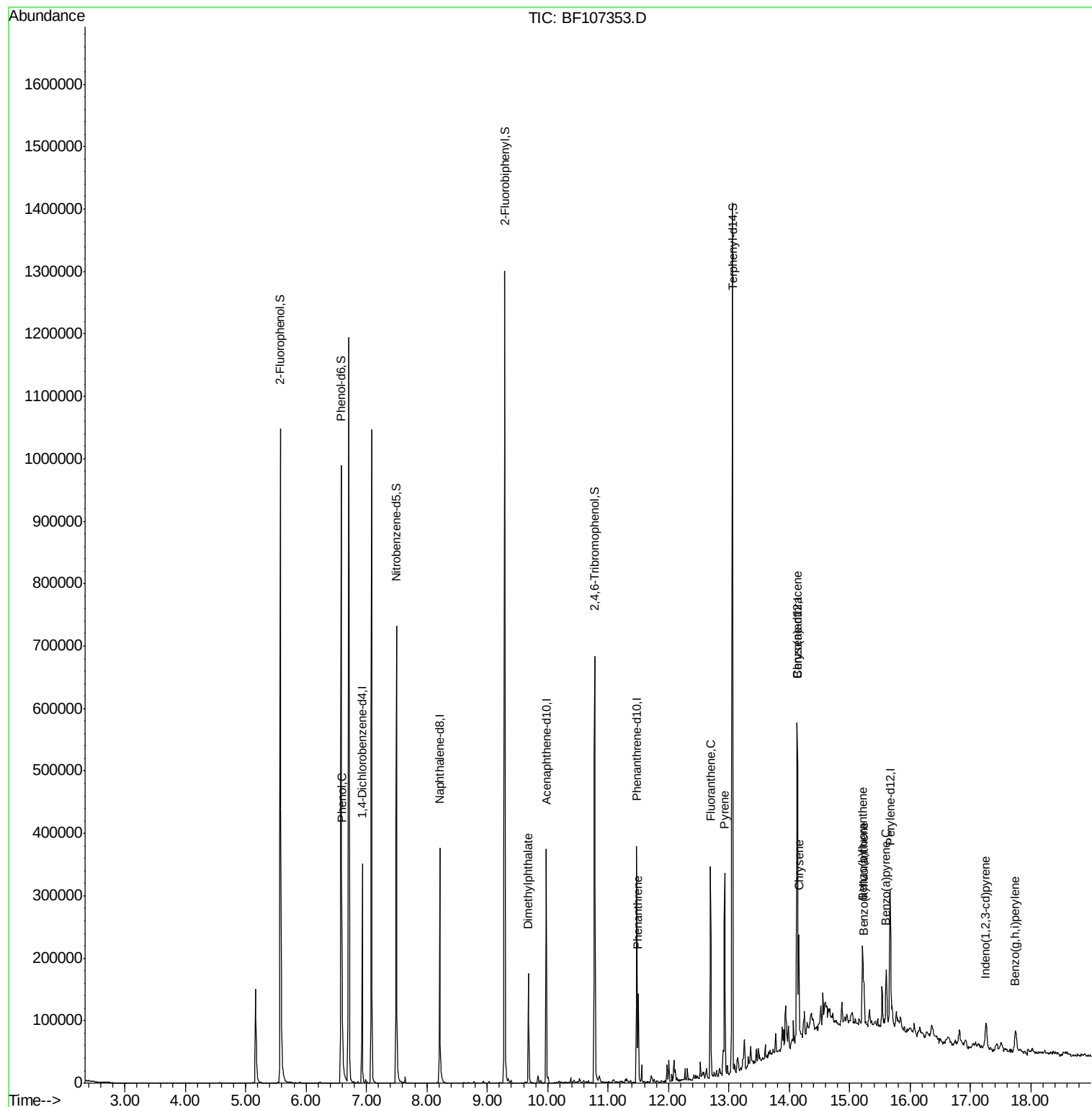
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071218\
Data File : BF107353.D
Acq On : 12 Jul 2018 21:33
Operator : JU/SJ
Sample : J3933-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

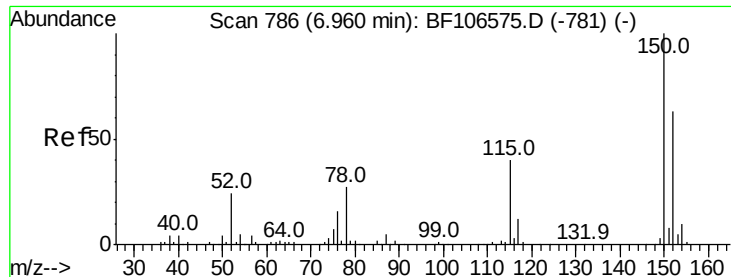
Instrument :
BNA_F
ClientSampleId :
EP-7-N2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

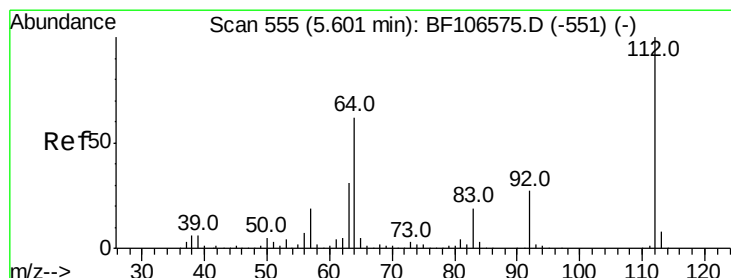
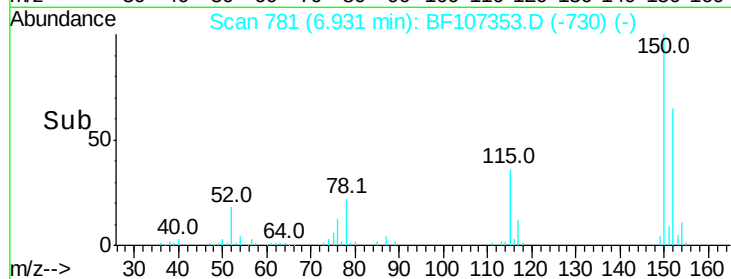
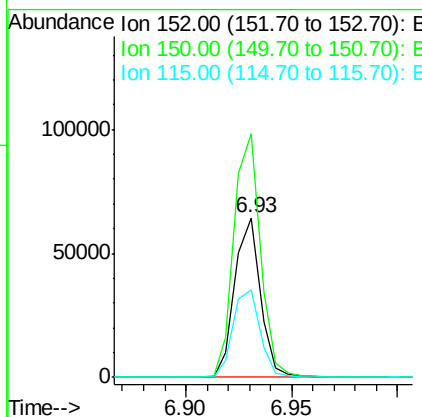
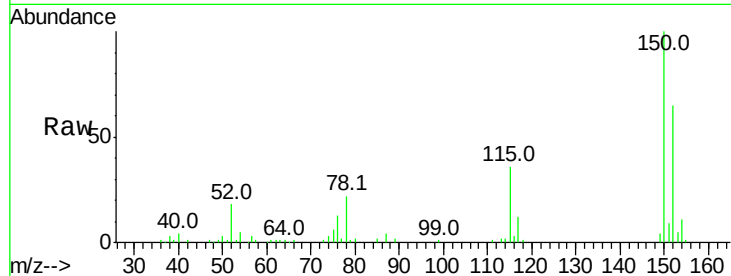
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF107353.D
Acq: 12 Jul 2018 21:33

Instrument :
BNA_F
ClientSampled :
EP-7-N2

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.6	186.8
115	54.8	50.1	75.1

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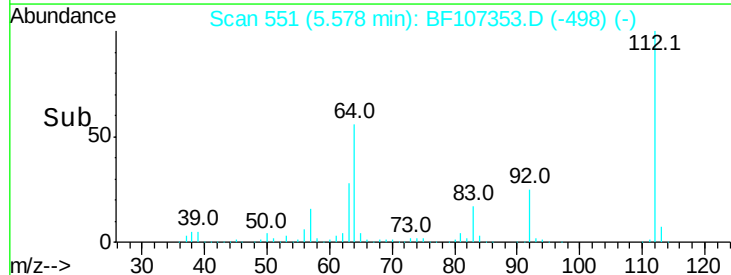
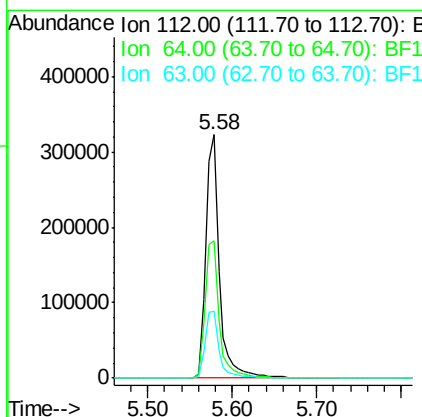
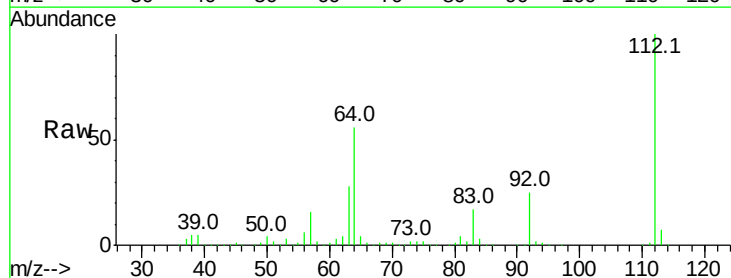
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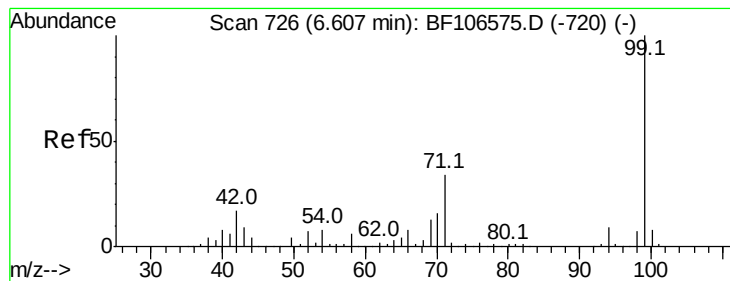


#5

2-Fluorophenol
Concen: 112.875 ng
RT: 5.58 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF107353.D
Acq: 12 Jul 2018 21:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.9	71.9
63	27.6	23.7	35.5





#7

Phenol-d6

Concen: 107.835 ng

RT: 6.58 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF107353.D

Acq: 12 Jul 2018 21:33

Instrument :

BNA_F

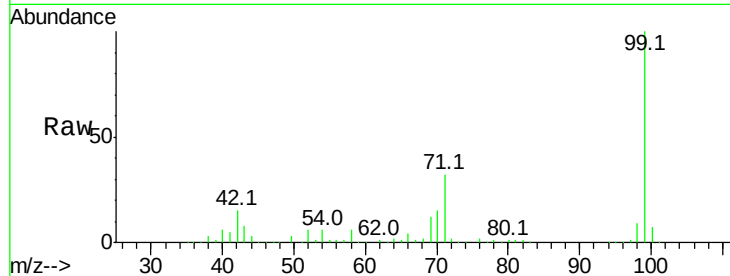
ClientSampled :

EP-7-N2

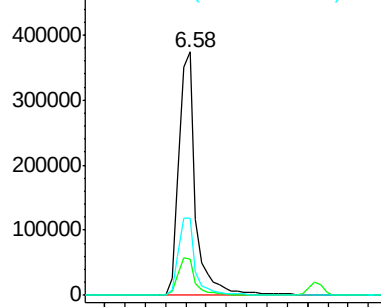
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		429782		
42	15.1	14.5	21.7		
71	31.9	25.4	38.0		

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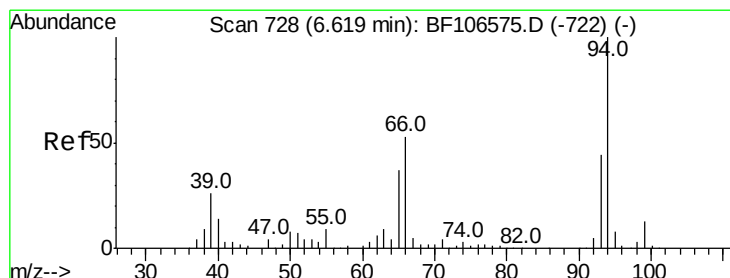
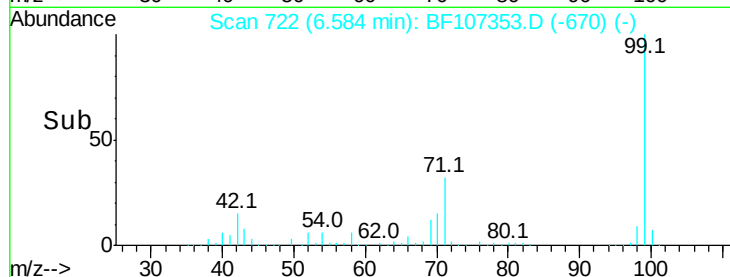
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



Time-->



#10

Phenol

Concen: 2.665 ng

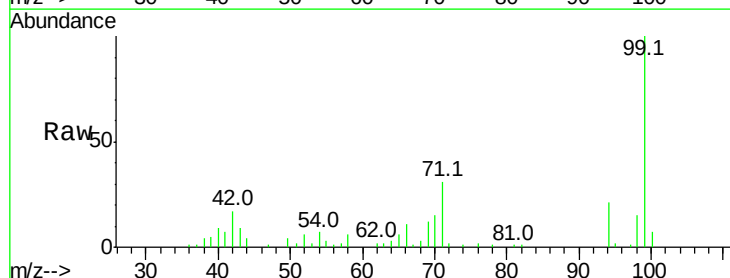
RT: 6.60 min Scan# 724

Delta R.T. 0.01 min

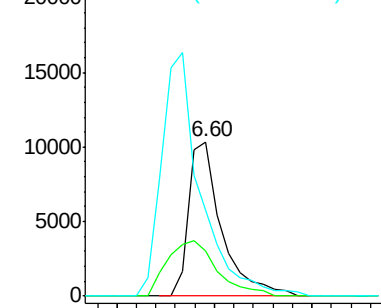
Lab File: BF107353.D

Acq: 12 Jul 2018 21:33

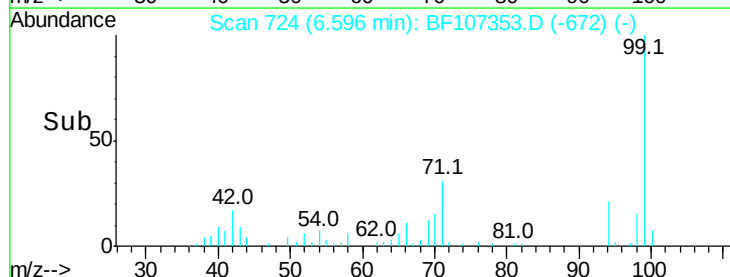
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		12121		
65	29.6	7.9	47.9		
66	55.7	16.2	56.2		

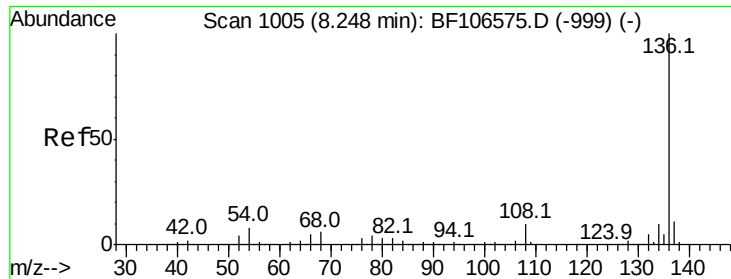


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



Time-->





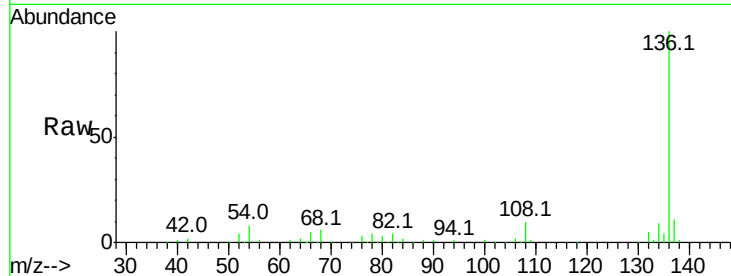
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF107353.D
Acq: 12 Jul 2018 21:33

Instrument :
BNA_F
ClientSampled :
EP-7-N2

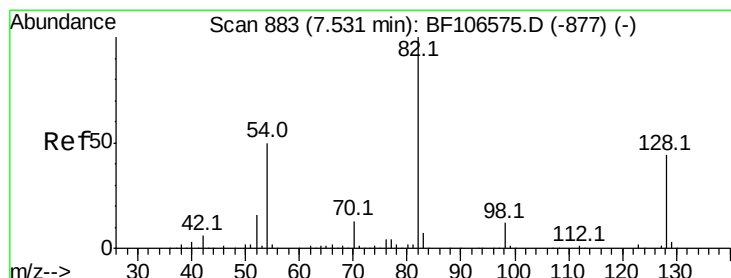
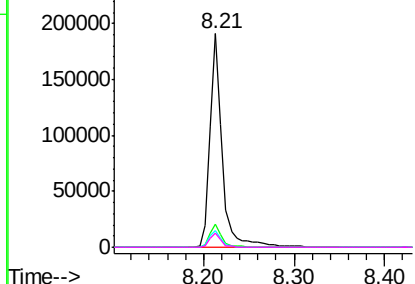
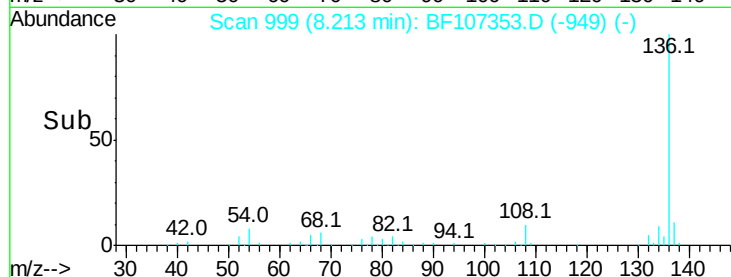
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.8		8.9	13.3	
54	7.9		6.6	9.8	
68	6.4		5.0	7.4	

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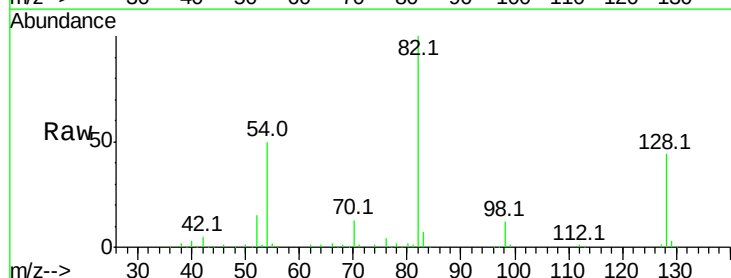


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

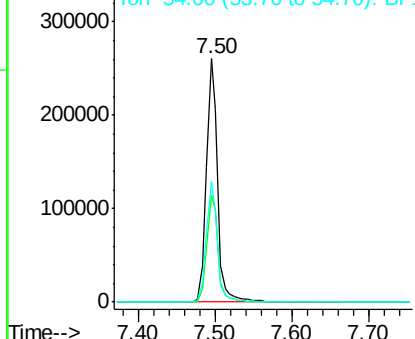
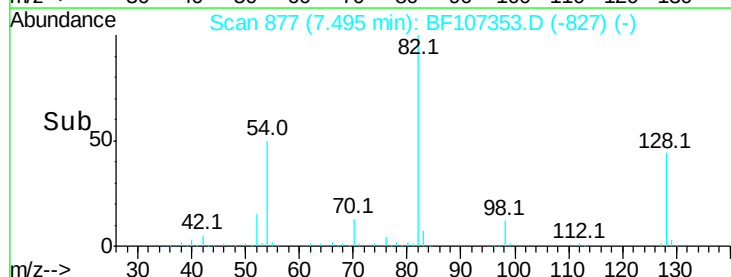


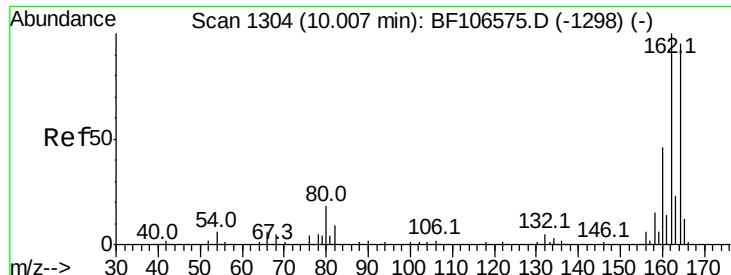
#23
Nitrobenzene-d5
Concen: 79.765 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF107353.D
Acq: 12 Jul 2018 21:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	43.9		36.1	54.1	
54	49.7		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





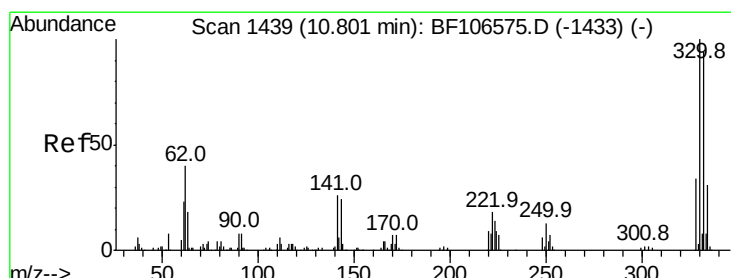
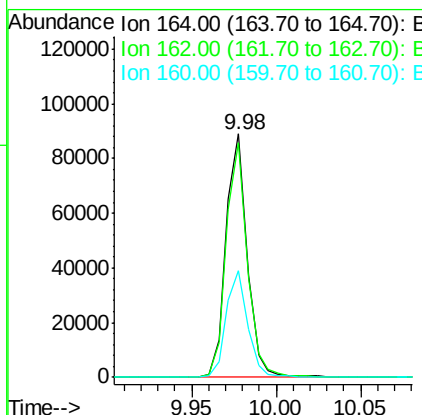
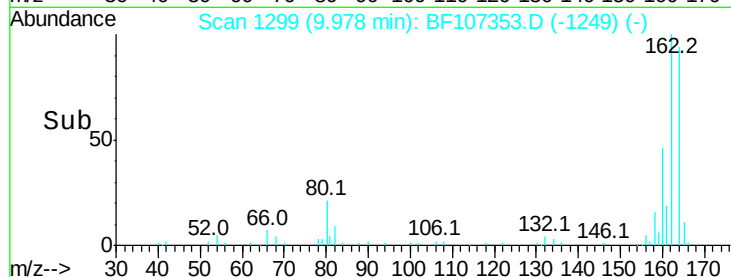
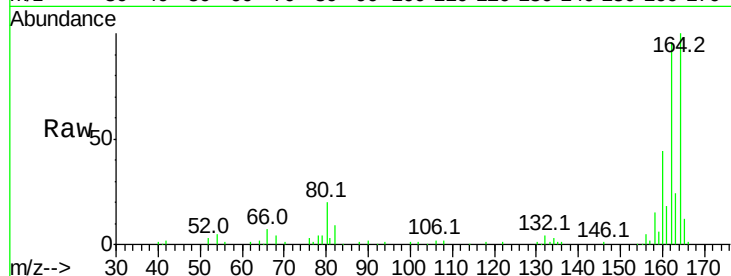
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF107353.D
Acq: 12 Jul 2018 21:33

Instrument :
BNA_F
ClientSampleId :
EP-7-N2

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.3	86.1	129.1
160	43.8	38.3	57.5

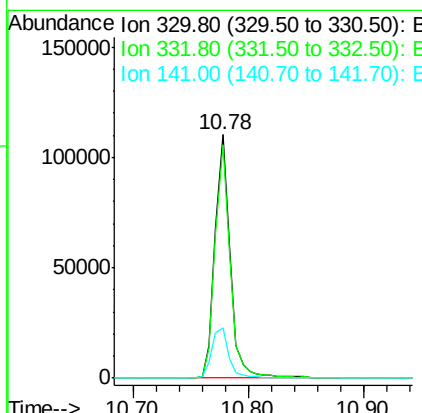
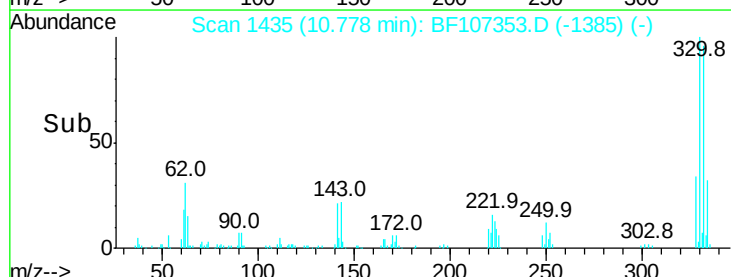
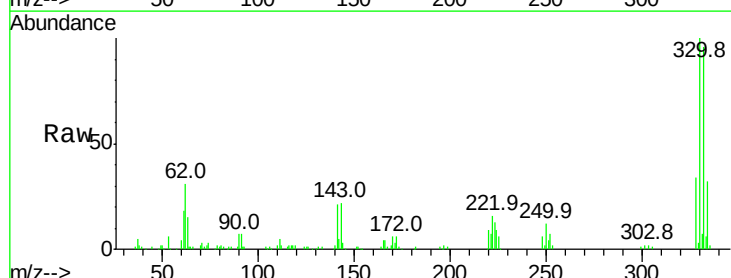
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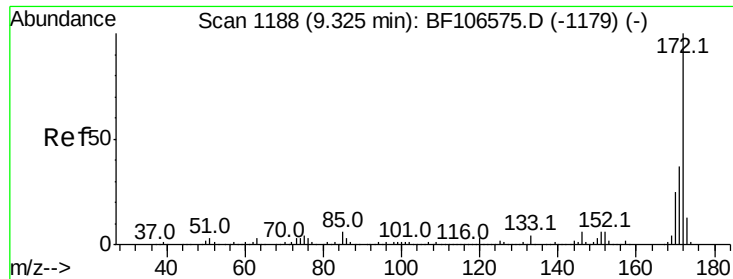
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#41
2,4,6-Tribromophenol
Concen: 112.286 ng
RT: 10.78 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF107353.D
Acq: 12 Jul 2018 21:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	23.3	29.9	44.9#





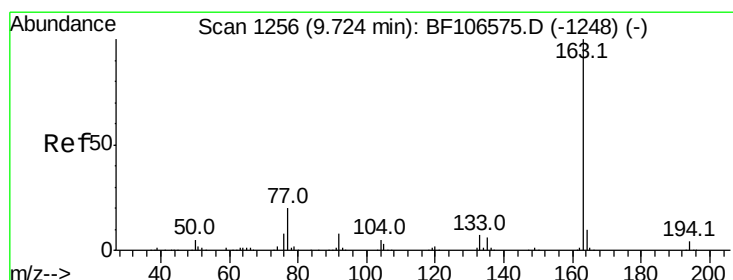
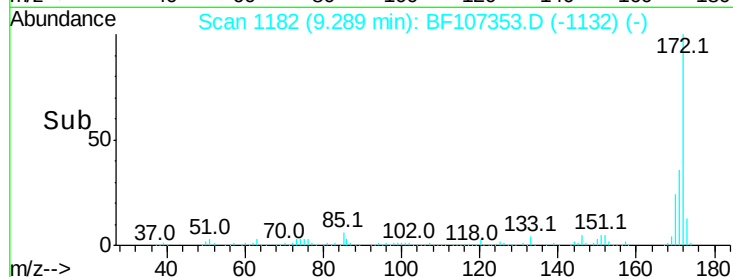
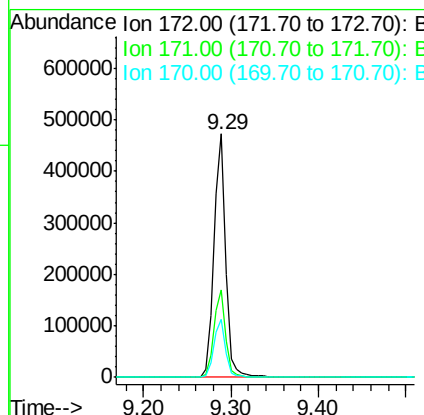
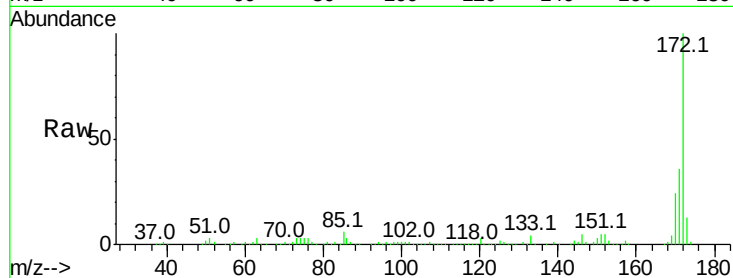
#44
2-Fluorobiphenyl
Concen: 98.621 ng
RT: 9.29 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF107353.D
Acq: 12 Jul 2018 21:33

Instrument :
BNA_F
ClientSampleId :
EP-7-N2

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.1	29.7	44.5	
170	24.0	19.6	29.4	

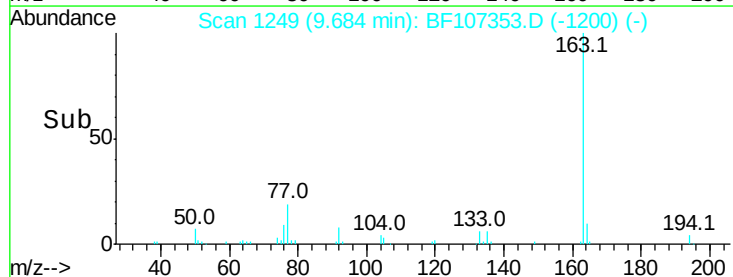
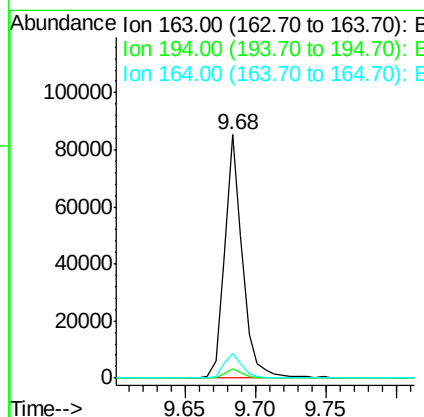
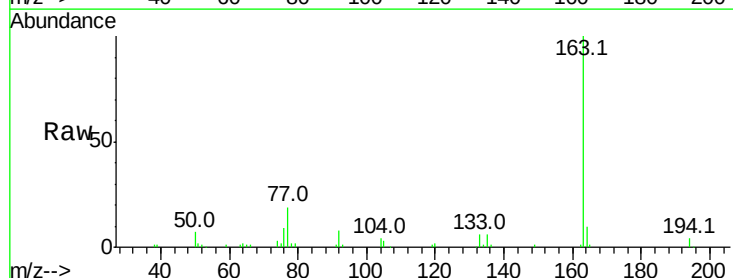
Manual Integrations
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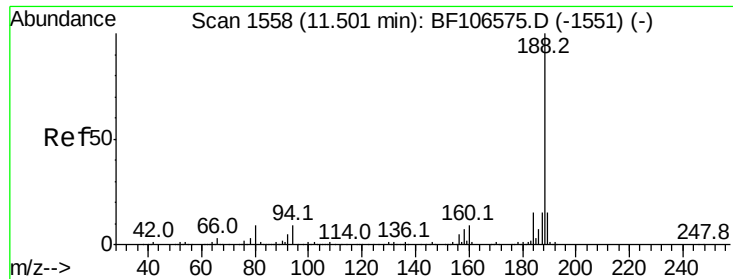
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#49
Dimethylphthalate
Concen: 12.798 ng
RT: 9.68 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF107353.D
Acq: 12 Jul 2018 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.9	2.7	4.1	
164	10.3	8.2	12.2	





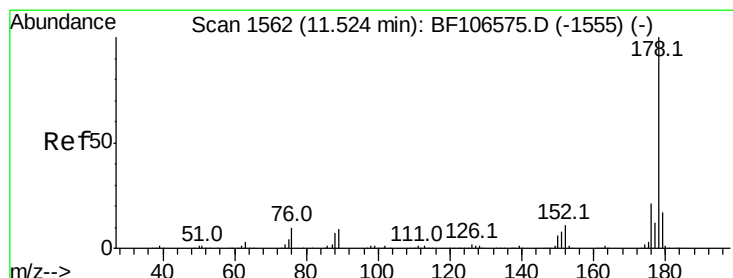
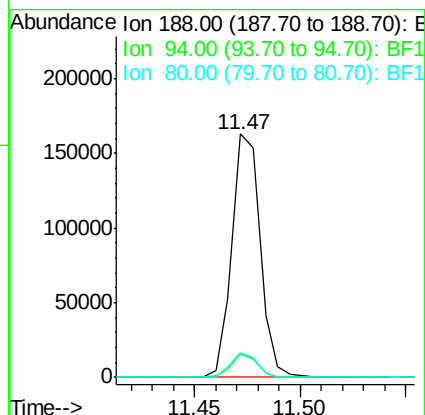
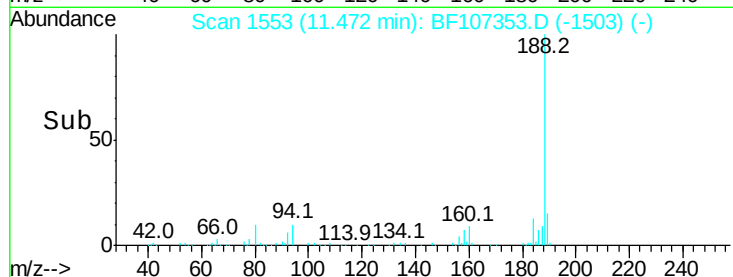
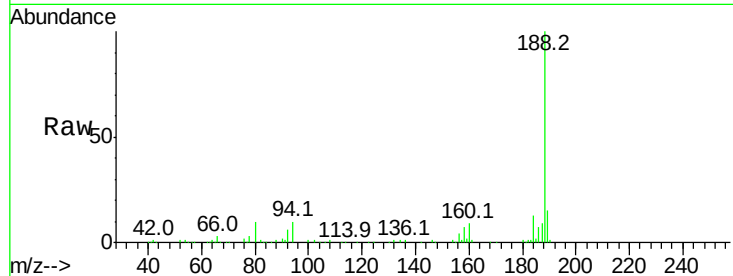
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF107353.D
Acq: 12 Jul 2018 21:33

Instrument :
BNA_F
ClientSampleId :
EP-7-N2

Tot Ion	Ratio	Resp	Lower	Upper
188	100	150408		
94	9.7		8.5	12.7
80	10.2		9.2	13.8

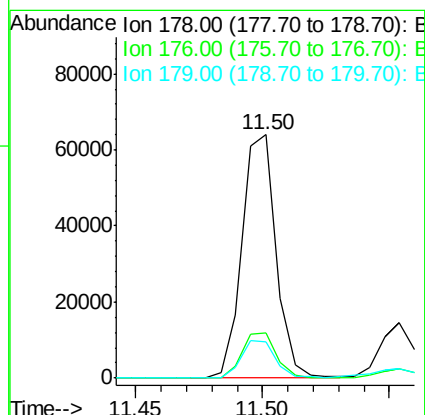
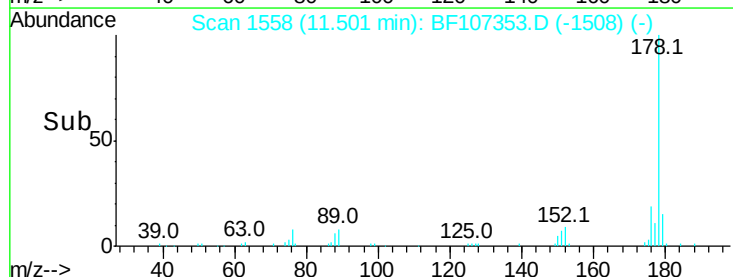
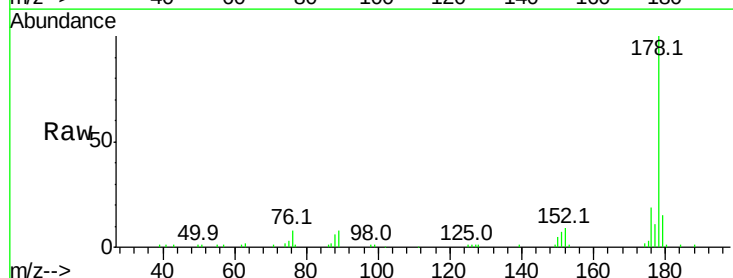
Manual Integrations
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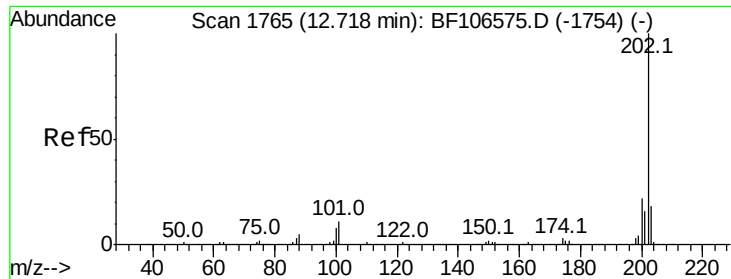
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#70
Phenanthrene
Concen: 8.239 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF107353.D
Acq: 12 Jul 2018 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	59769		
176	18.7		15.8	23.8
179	15.1		13.0	19.6





#74

Fluoranthene

Concen: 16.366 ng

RT: 12.70 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF107353.D

Acq: 12 Jul 2018 21:33

Instrument :

BNA_F

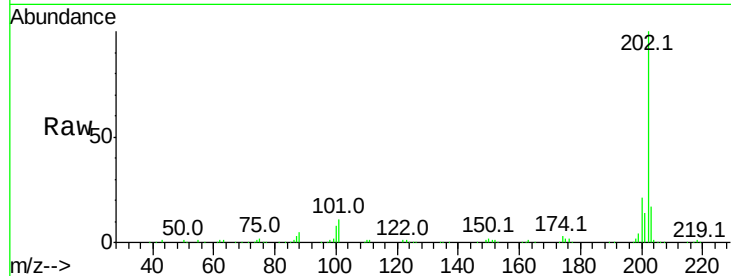
ClientSampleId :

EP-7-N2

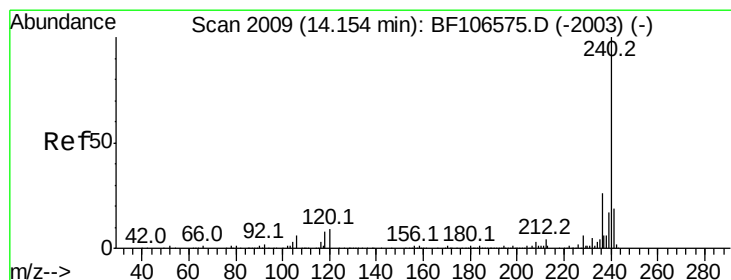
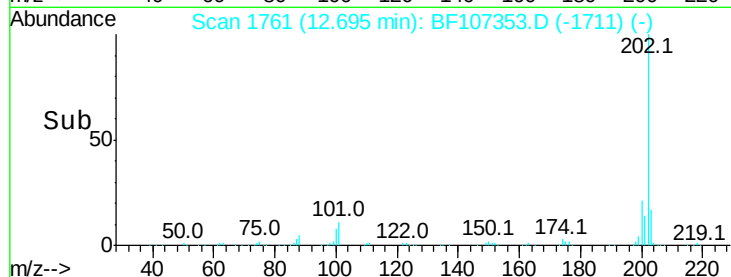
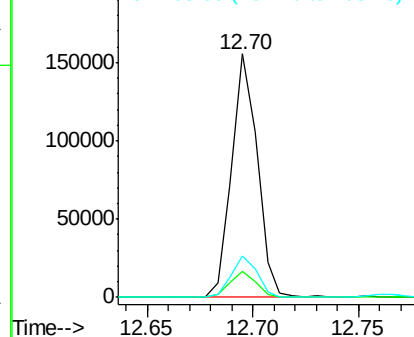
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.9	0.0	34.1
203	17.0	0.0	38.1

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

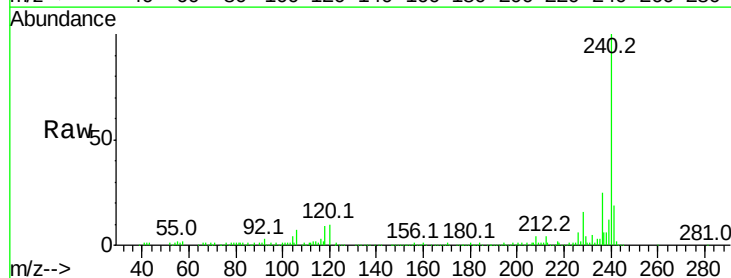
RT: 14.13 min Scan# 2005

Delta R.T. -0.01 min

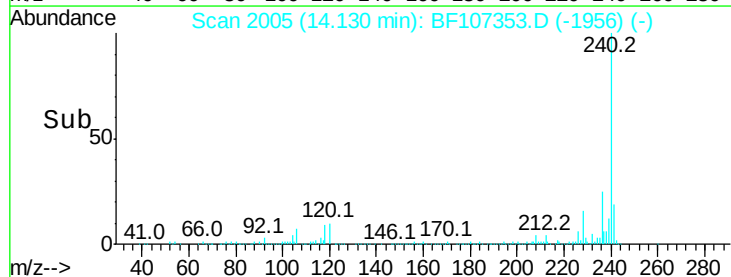
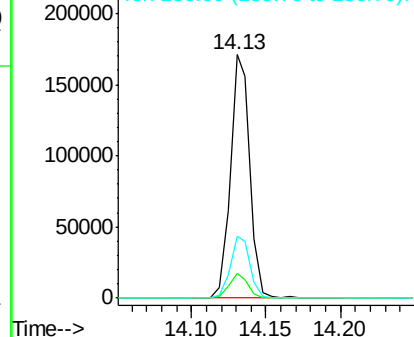
Lab File: BF107353.D

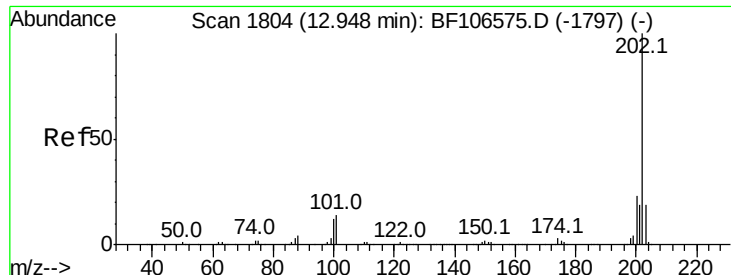
Acq: 12 Jul 2018 21:33

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.2	9.5	14.3
236	25.5	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





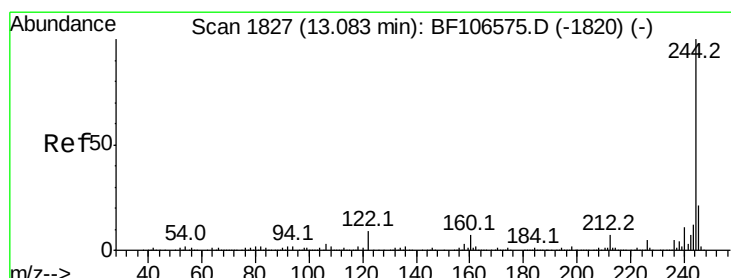
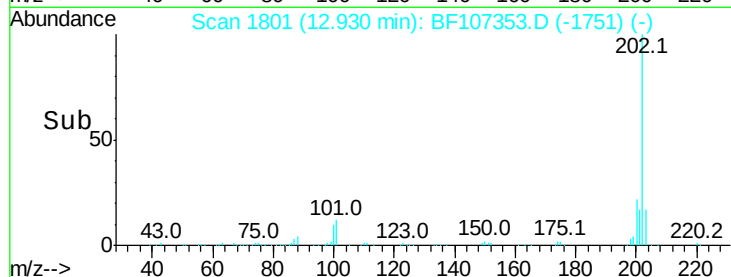
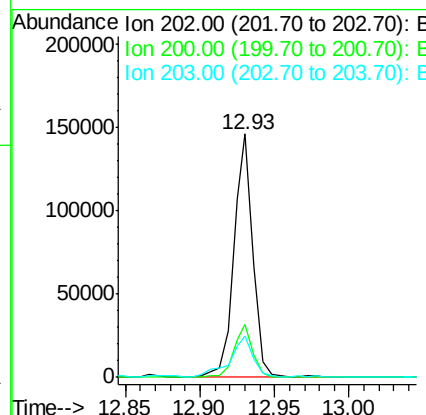
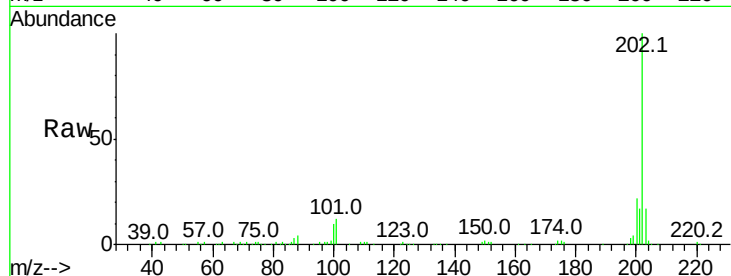
#77
Pvrene
Concen: 12.666 ng
RT: 12.93 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BF107353.D
Acq: 12 Jul 2018 21:33

Instrument :
BNA_F
ClientSampleId :
EP-7-N2

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.1	14.3	21.5

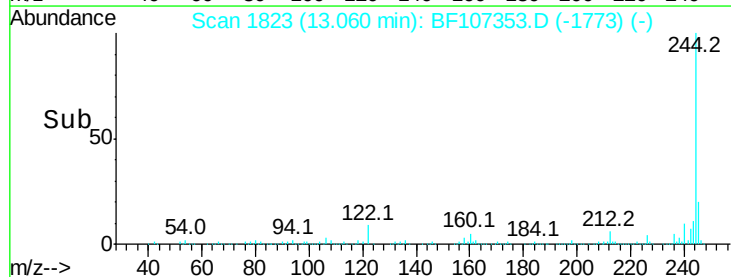
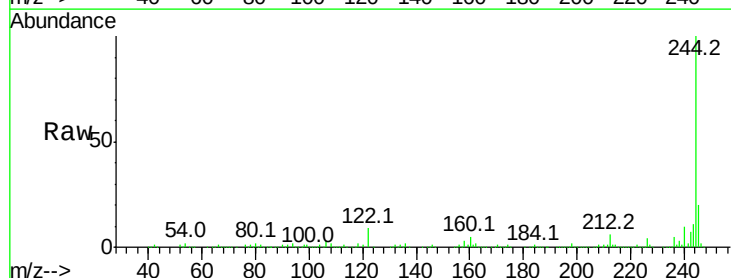
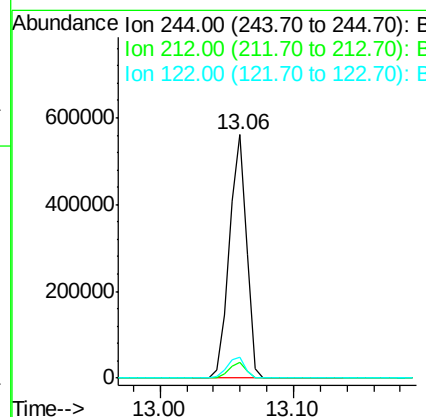
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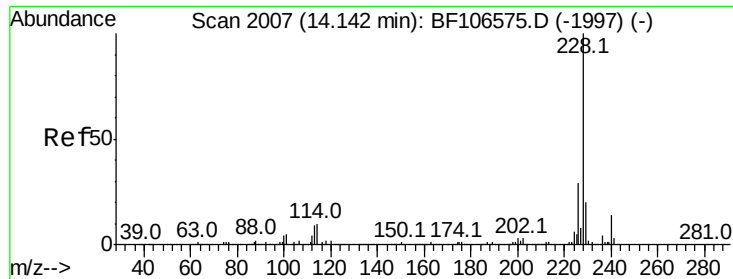
Sohil
7/13/2018 11:17:18 AM



#78
Terphenyl-d14
Concen: 78.638 ng
RT: 13.06 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF107353.D
Acq: 12 Jul 2018 21:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	8.5	11.0	16.4#





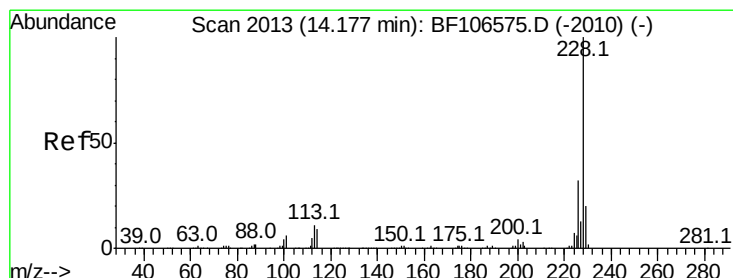
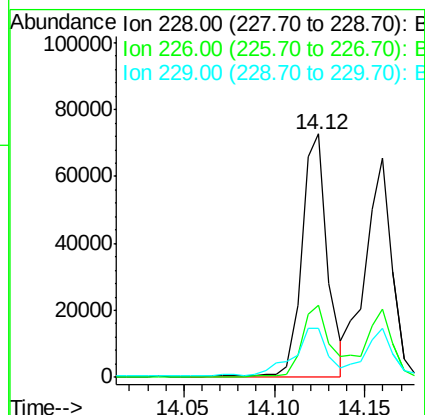
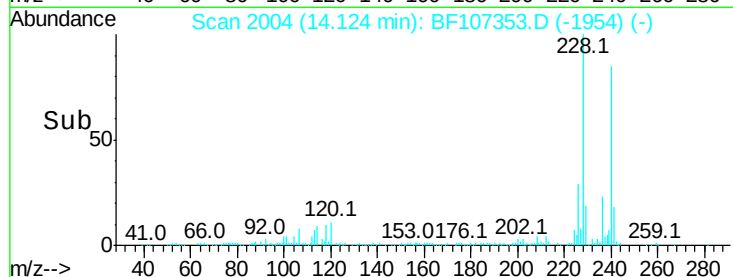
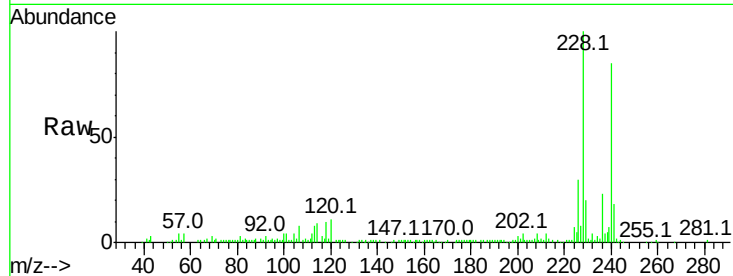
#80
Benzo(a)anthracene
Concen: 7.588 ng
RT: 14.12 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF107353.D
Acq: 12 Jul 2018 21:33

Instrument :
BNA_F
ClientSampleId :
EP-7-N2

Tot Ion:228	Resp:	72794
Ion Ratio	Lower	Upper
228 100		
226 29.8	22.6	33.8
229 20.2	15.8	23.6

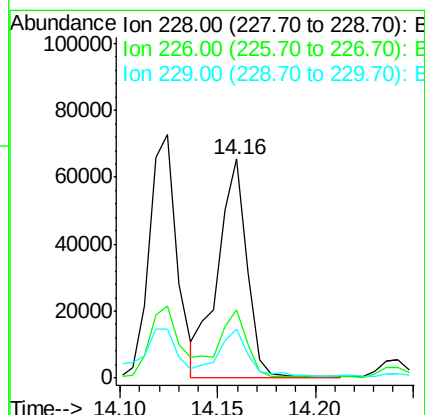
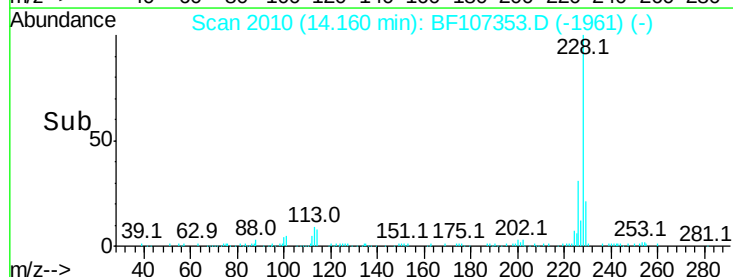
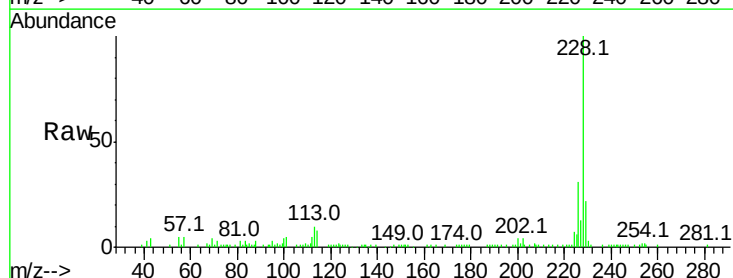
Manual Integrations
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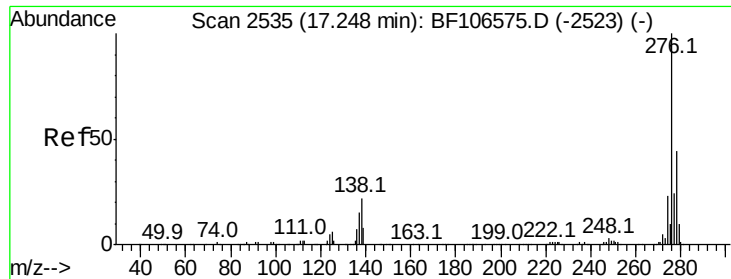
Sohil
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#82
Chrysene
Concen: 7.694 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF107353.D
Acq: 12 Jul 2018 21:33

Tgt Ion:228	Resp:	67899
Ion Ratio	Lower	Upper
228 100		
226 31.3	25.0	37.6
229 22.5	16.2	24.4





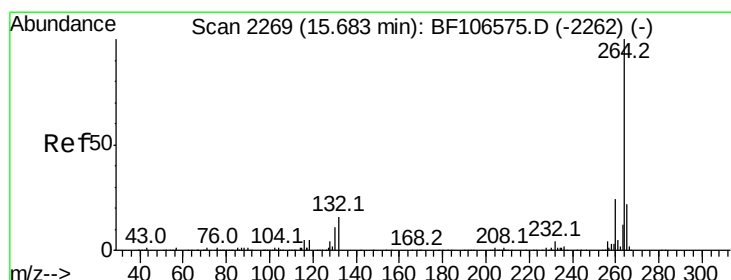
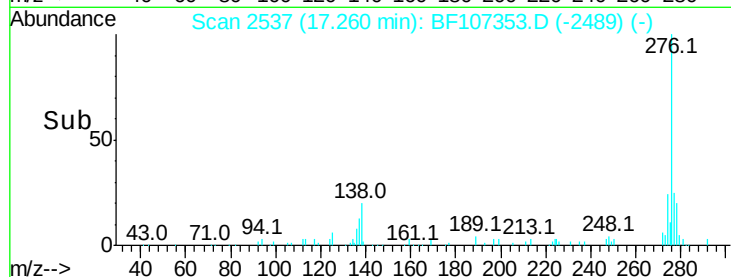
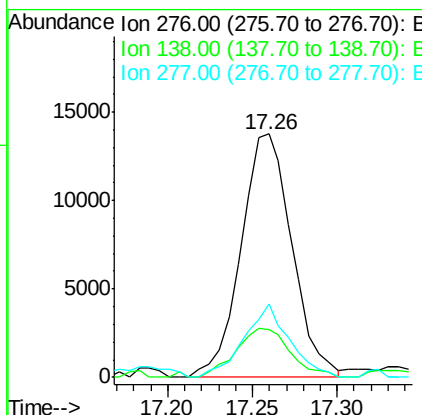
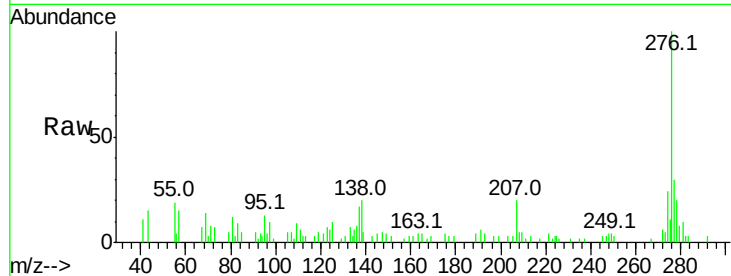
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.845 ng/ml
RT: 17.26 min Scan# 2537
Delta R.T. -0.02 min
Lab File: BF107353.D
Acq: 12 Jul 2018 21:33

Instrument :
BNA_F
ClientSampleId :
EP-7-N2

Tot Ion	Ratio	Lower	Upper
276	100		
138	1.4	25.0	37.6#
277	1.4	20.1	30.1#

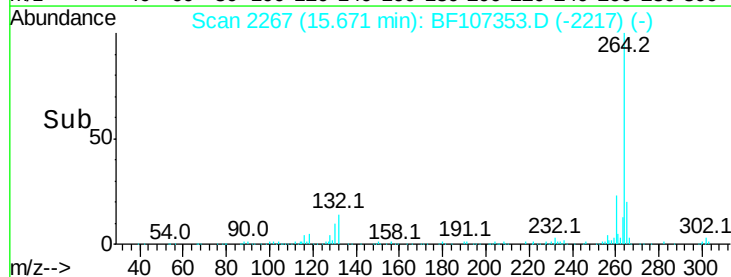
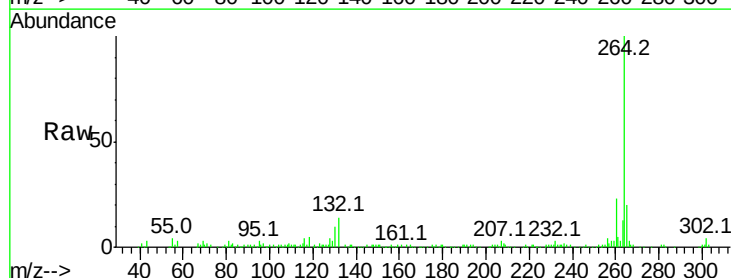
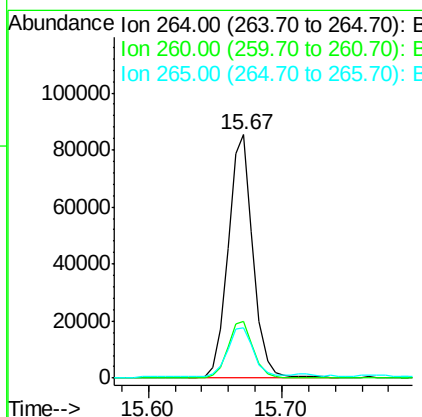
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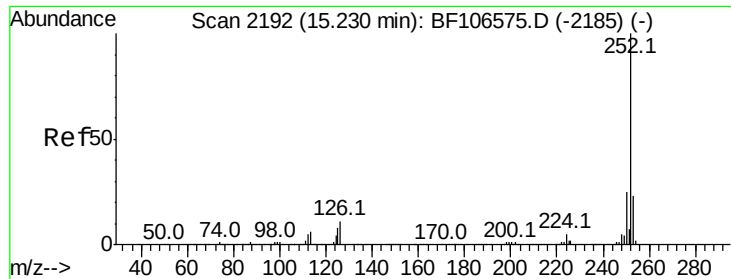
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF107353.D
Acq: 12 Jul 2018 21:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.4	17.5	26.3





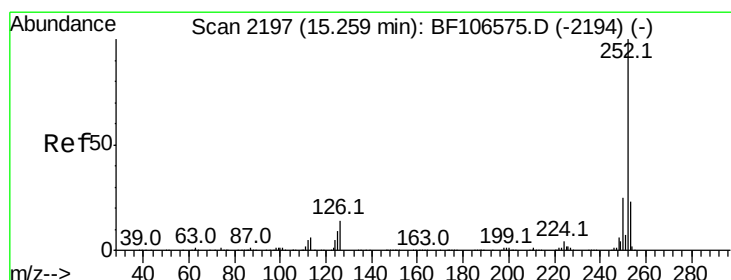
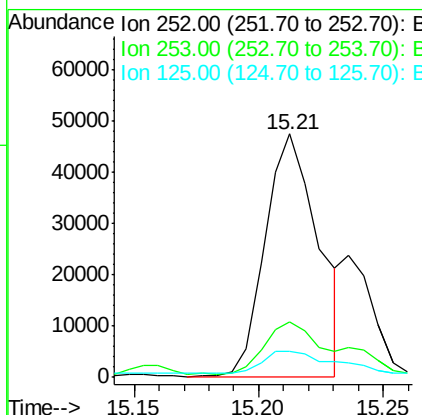
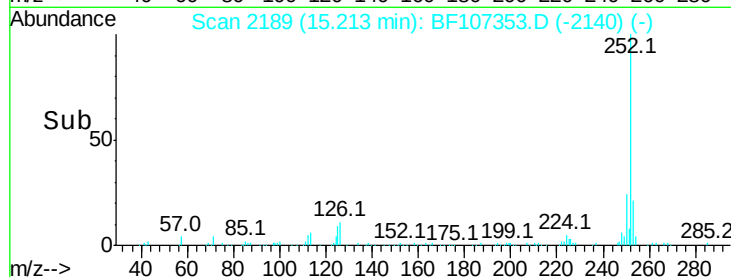
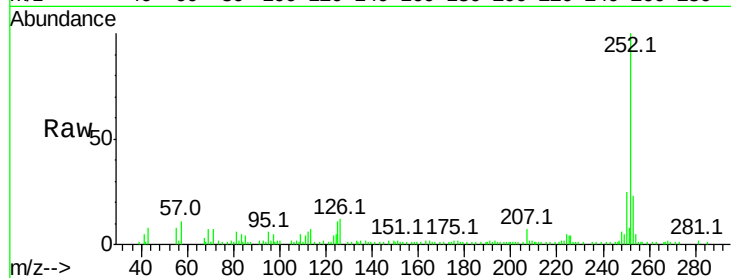
#87
Benzo(b)fluoranthene
Concen: 10.276 ng m
RT: 15.21 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BF107353.D
Acq: 12 Jul 2018 21:33

Instrument :
BNA_F
ClientSampleId :
EP-7-N2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	10.7	9.0	13.6

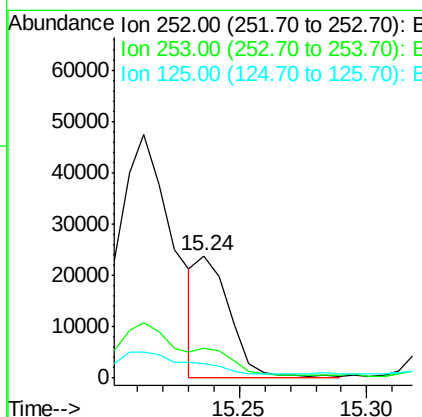
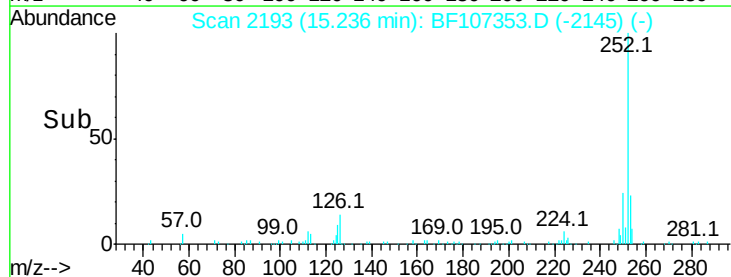
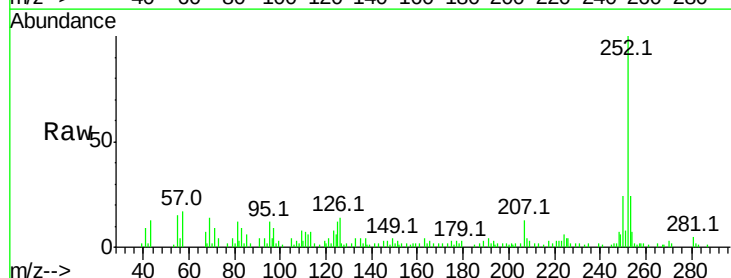
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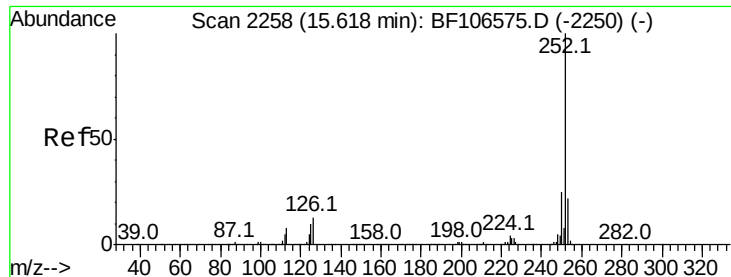
Sohil
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#88
Benzo(k)fluoranthene
Concen: 3.236 ng m
RT: 15.24 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF107353.D
Acq: 12 Jul 2018 21:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.9	26.9
125	12.0	10.2	15.2





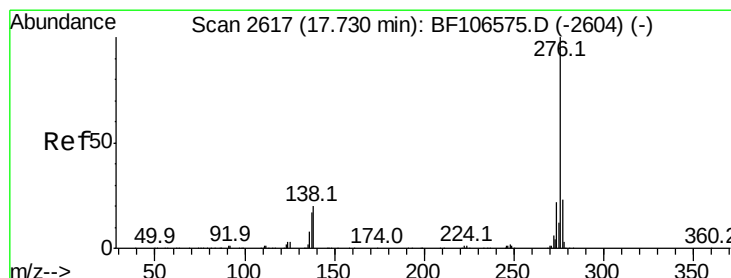
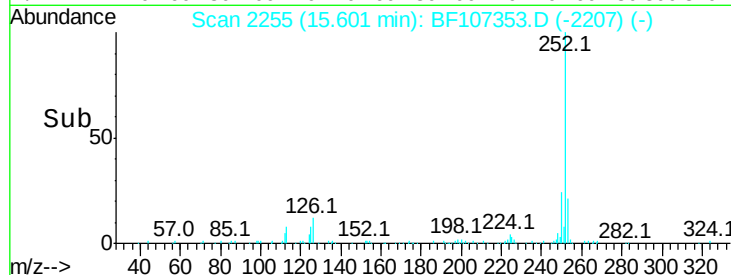
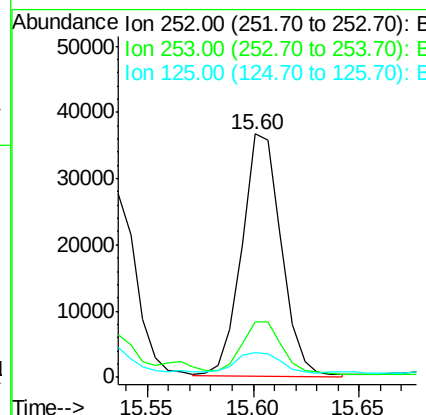
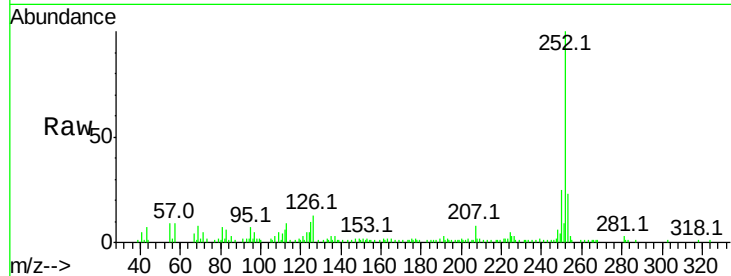
#89
Benzo(a)pyrene
Concen: 7.700 ng
RT: 15.60 min Scan# 2255
Delta R.T. -0.02 min
Lab File: BF107353.D
Acq: 12 Jul 2018 21:33

Instrument :
BNA_F
ClientSampled :
EP-7-N2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	10.3	9.8	14.6

Manual Integrations
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7/13/2018 11:17:18 AM



#91
Benzo(g,h,i)perylene
Concen: 5.666 ng
RT: 17.75 min Scan# 2620
Delta R.T. -0.01 min
Lab File: BF107353.D
Acq: 12 Jul 2018 21:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.2	17.9	26.9
138	22.4	21.8	32.8

