

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
 Data File : BF103948.D
 Acq On : 27 Mar 2018 1:35
 Operator : JU/SJ
 Sample : J1998-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-101(9-10)

Manual Integrations
 APPROVED

Sohil
 3/27/2018 2:16:01 PM

Quant Time: Mar 27 08:42:22 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	137402	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	545119	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	242982	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	394069	20.00	ng	0.00
75) Chrysene-d12	14.16	240	272768	20.00	ng	0.00
86) Perylene-d12	15.71	264	248616	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1047950	116.00	ng	0.01
7) Phenol-d6	6.60	99	1286888	116.44	ng	0.00
23) Nitrobenzene-d5	7.54	82	773263	98.92	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	311800	149.25	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1248277	81.95	ng	0.00
78) Terphenyl-d14	13.10	244	980400	83.43	ng	0.00
Target Compounds						
31) Naphthalene	8.27	128	82263	2.987	ng	99
49) Dimethylphthalate	9.72	163	153841	8.299	ng	100
70) Phenanthrene	11.53	178	156516	7.261	ng	97
71) Anthracene	11.59	178	47289	2.160	ng	98
74) Fluoranthene	12.73	202	177921	8.012	ng	97
77) Pyrene	12.96	202	186835	9.327	ng	99
80) Benzo(a)anthracene	14.15	228	89378	5.176	ng	95
82) Chrysene	14.19	228	76436	4.644	ng	96
85) Indeno(1,2,3-cd)pyrene	17.29	276	36146	2.515	ng	# 91
87) Benzo(b)fluoranthene	15.24	252	74775m	4.761	ng	
88) Benzo(k)fluoranthene	15.27	252	31906m	2.113	ng	
89) Benzo(a)pyrene	15.64	252	63798	4.478	ng	94
91) Benzo(a,h,i)perylene	17.77	276	33895	2.824	ng	94

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

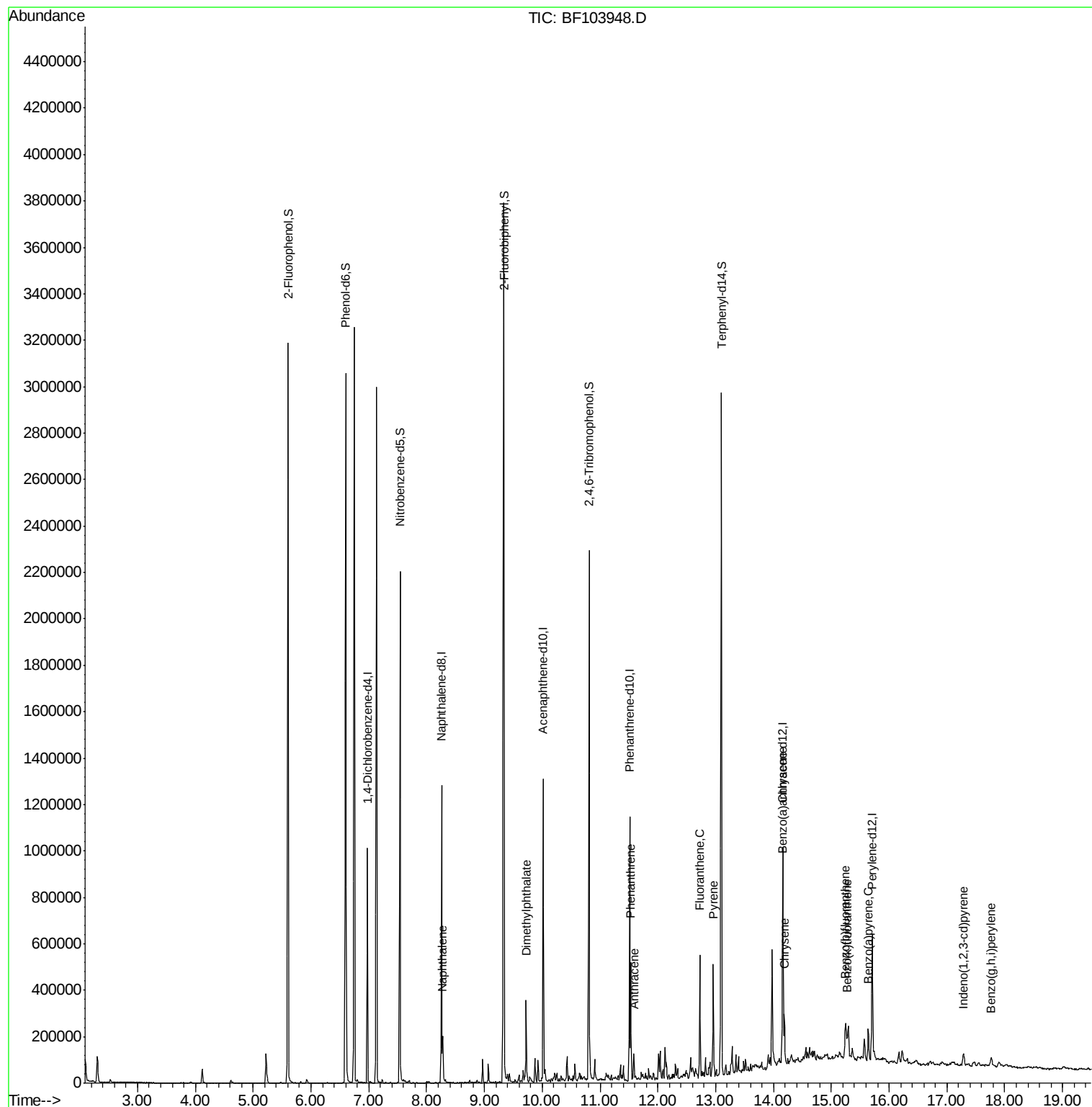
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103948.D
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Sample : J1998-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

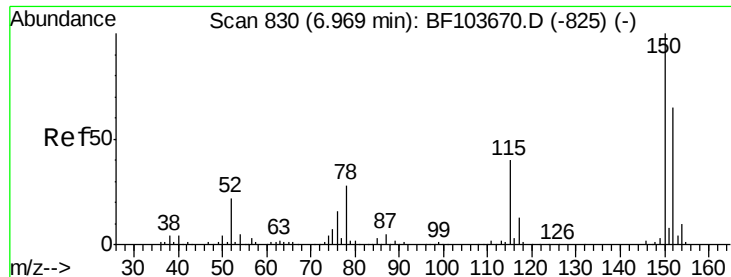
Instrument :
BNA_F
ClientSampleId :
SB-101(9-10)

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
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#1

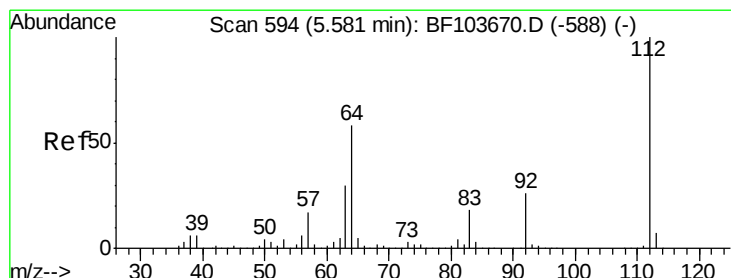
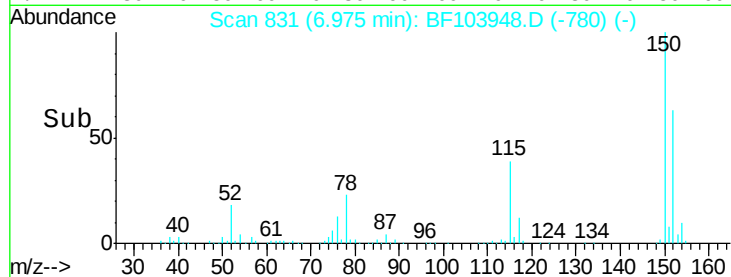
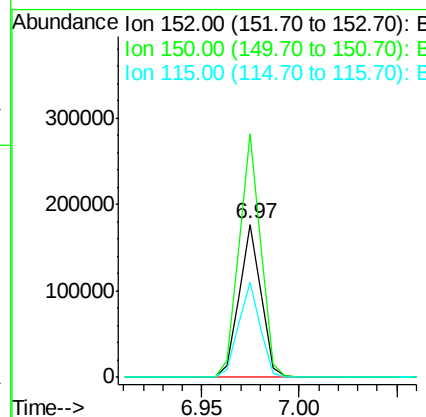
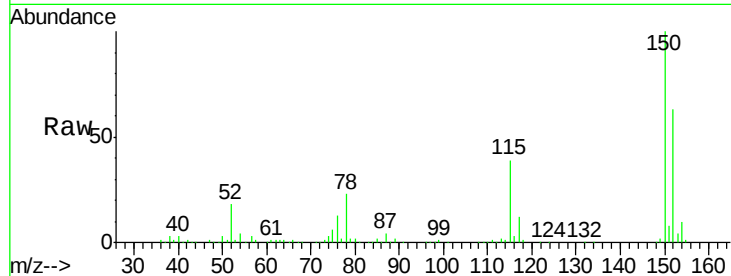
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF103948.D
Acq: 27 Mar 2018 1:35

Instrument :
BNA_F
ClientSampleId :
SB-101(9-10)

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	62.0	50.1	75.1

Manual Integrations
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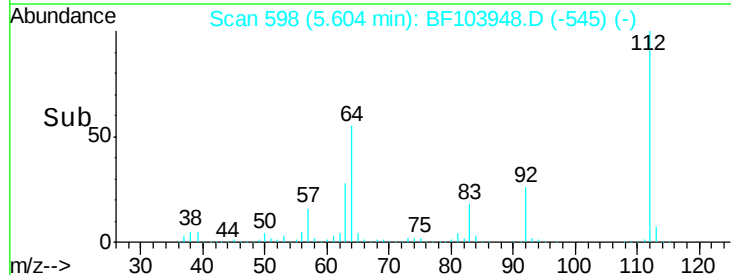
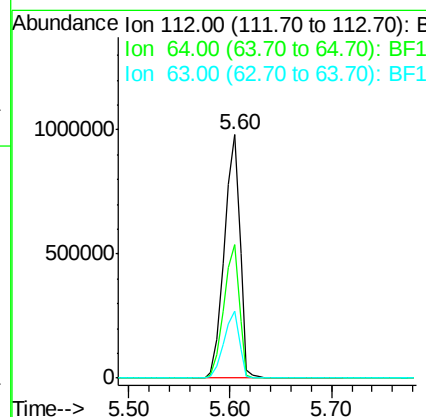
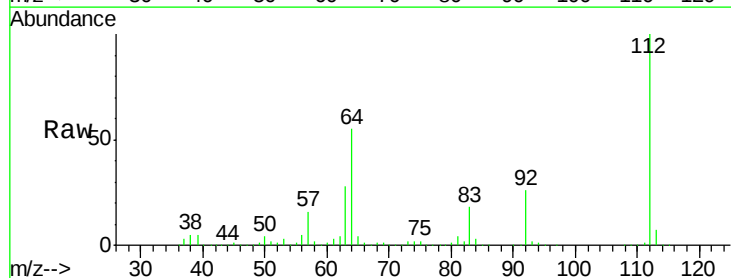
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#5

2-Fluorophenol
Concen: 116.005 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF103948.D
Acq: 27 Mar 2018 1:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	47.9	71.9
63	27.5	23.7	35.5





#7

Phenol-d6

Concen: 116.438 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF103948.D

Acq: 27 Mar 2018 1:35

Instrument :

BNA_F

ClientSampled :

SB-101(9-10)

Tot Ion: 99 Resp: 1286888

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

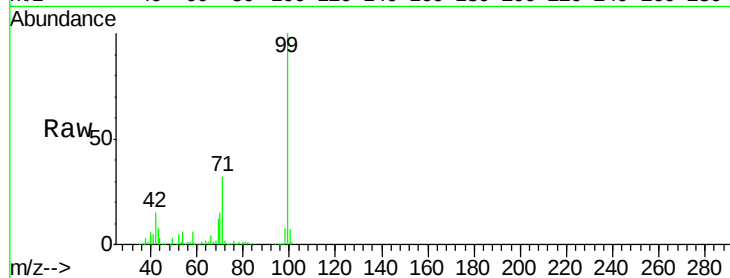
71 32.2 25.4 38.0

Manual Integrations

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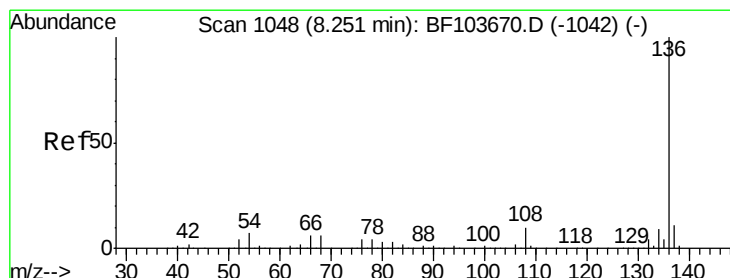
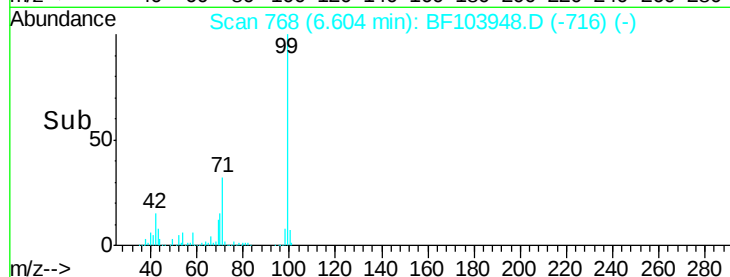
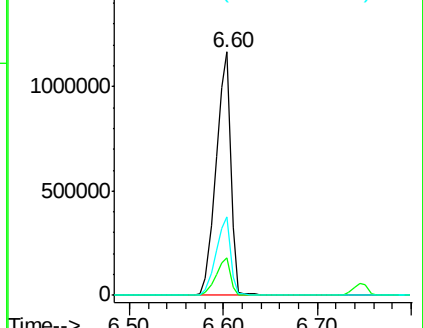
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF103948.D

Acq: 27 Mar 2018 1:35

Tgt Ion: 136 Resp: 545119

Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 6.9 6.6 9.8

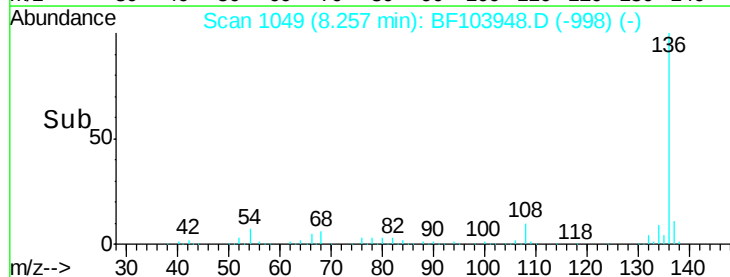
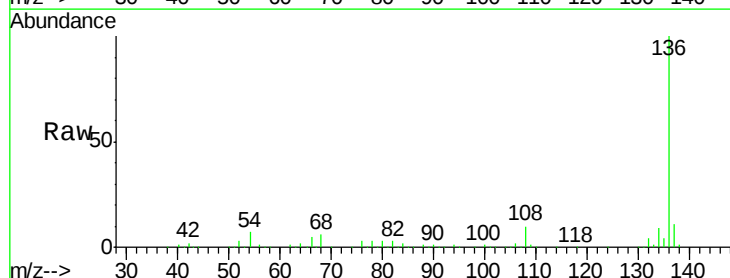
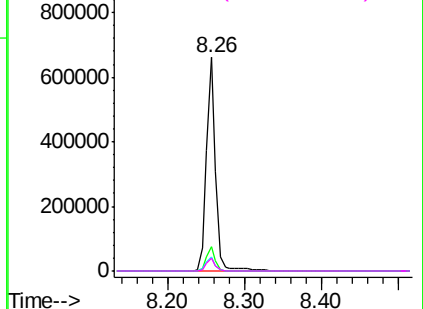
68 6.1 5.0 7.4

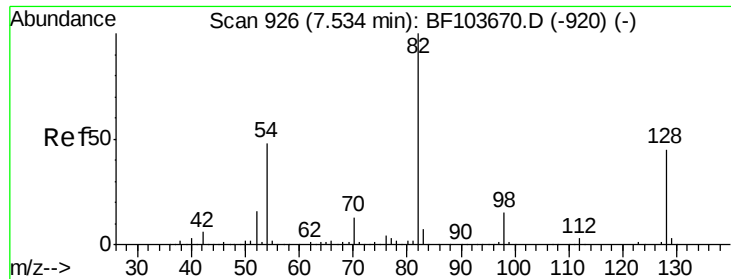
Abundance Ion 136.00 (135.70 to 136.70): E

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





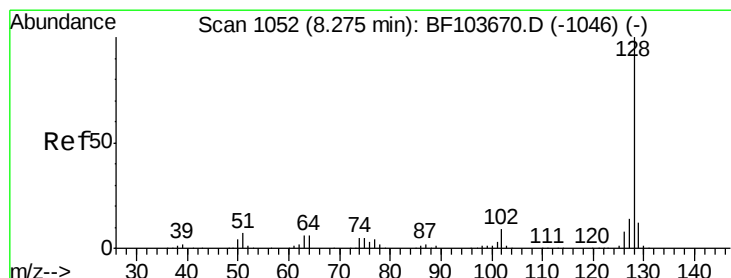
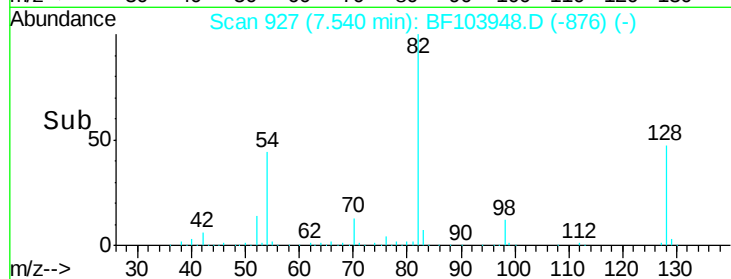
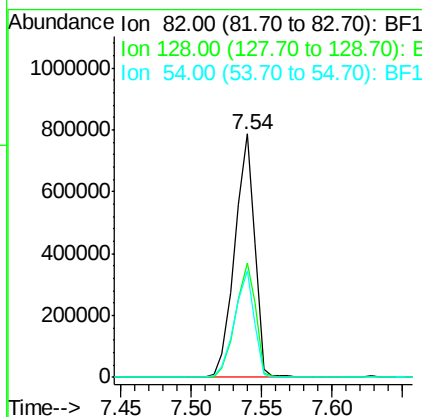
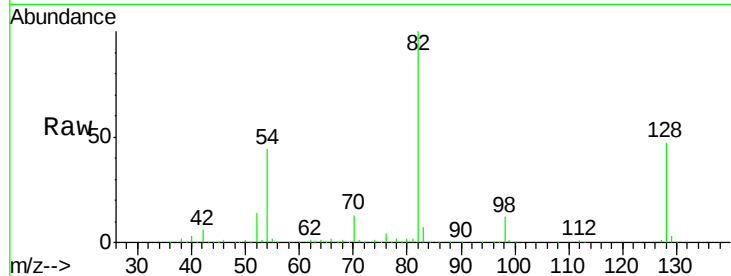
#23
Nitrobenzene-d5
Concen: 98.922 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF103948.D
Acq: 27 Mar 2018 1:35

Instrument :
BNA_F
ClientSampleId :
SB-101(9-10)

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.1	54.1
54	44.0	41.4	62.2

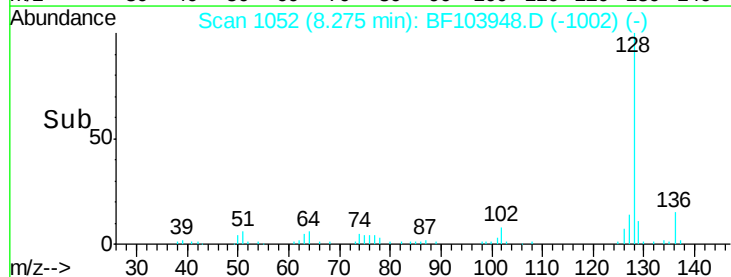
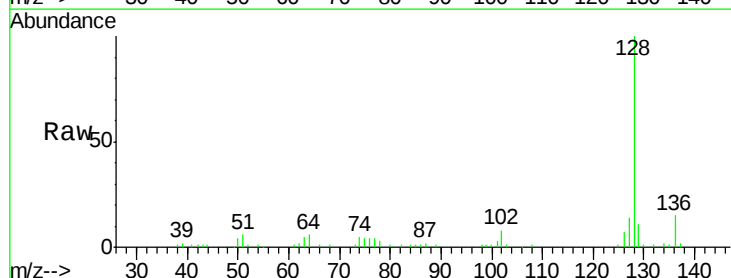
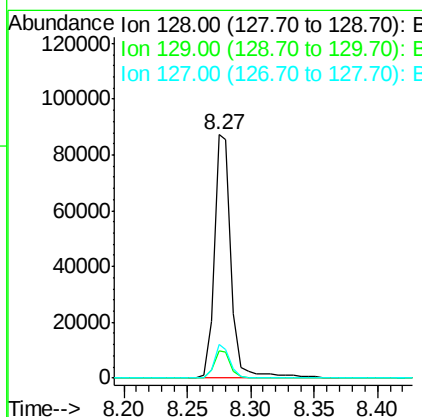
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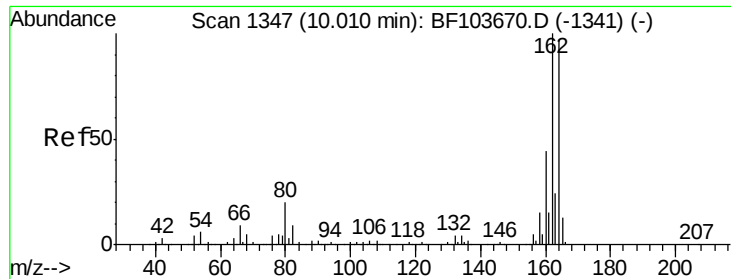
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#31
Naphthalene
Concen: 2.987 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF103948.D
Acq: 27 Mar 2018 1:35

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	14.1	10.9	16.3





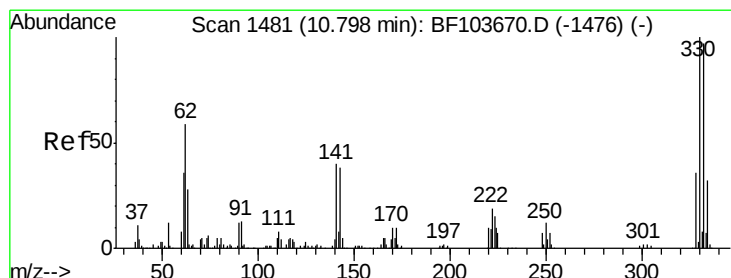
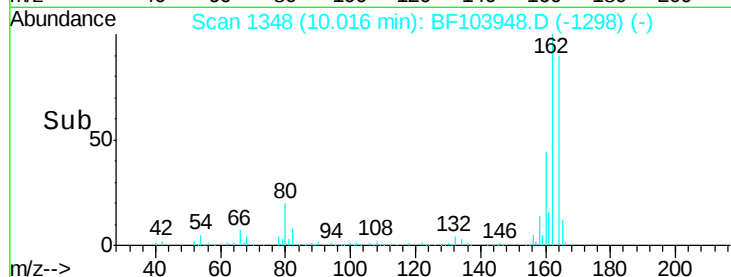
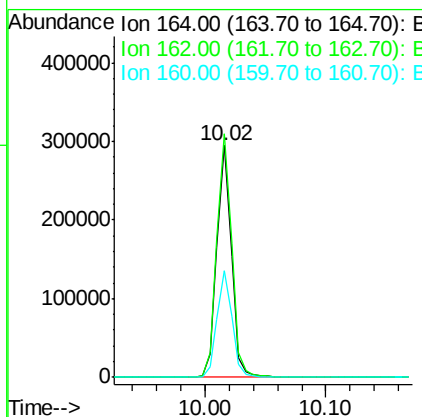
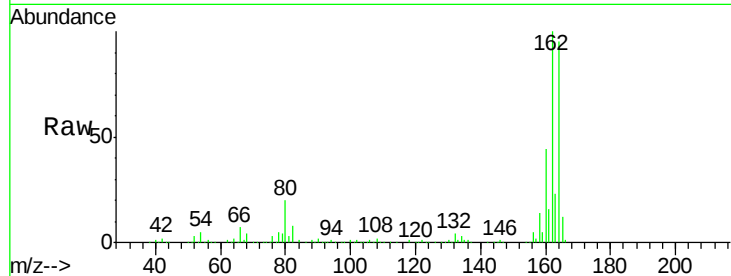
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103948.D
Acq: 27 Mar 2018 1:35

Instrument :
BNA_F
ClientSampleId :
SB-101(9-10)

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.1	86.1	129.1	
160	45.8	38.3	57.5	

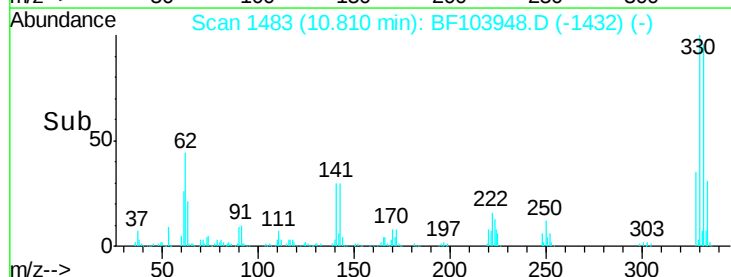
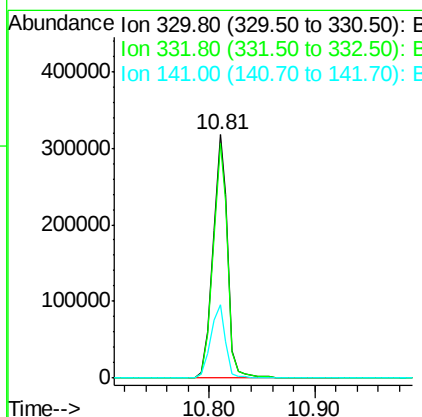
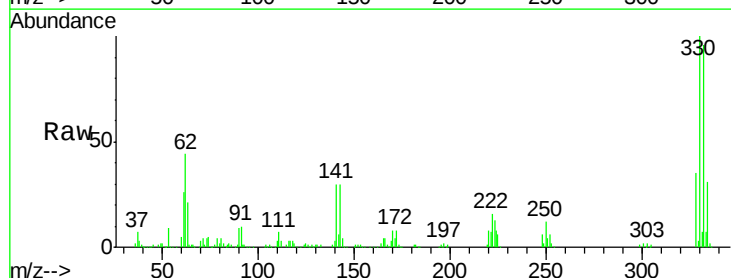
Manual Integrations
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#41
2,4,6-Tribromophenol
Concen: 149.246 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF103948.D
Acq: 27 Mar 2018 1:35

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.8	77.0	115.6	
141	30.8	29.9	44.9	





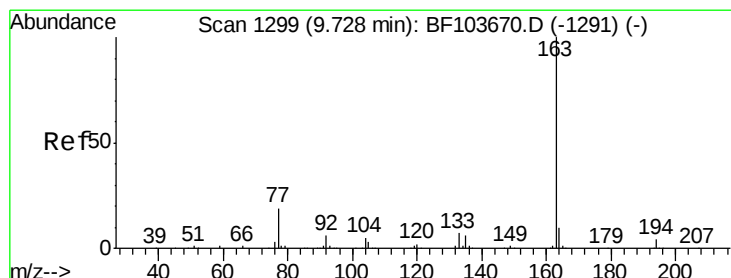
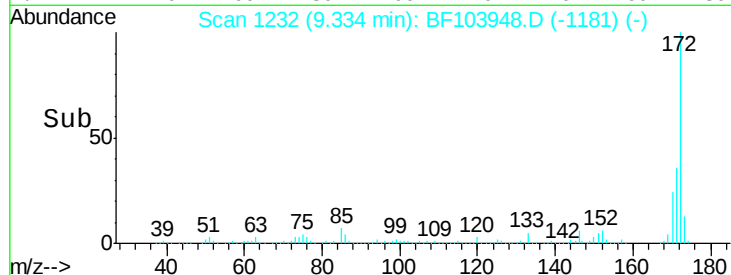
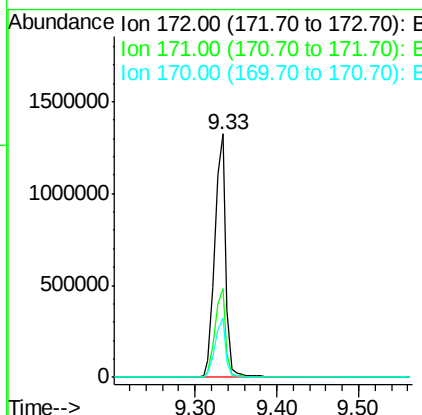
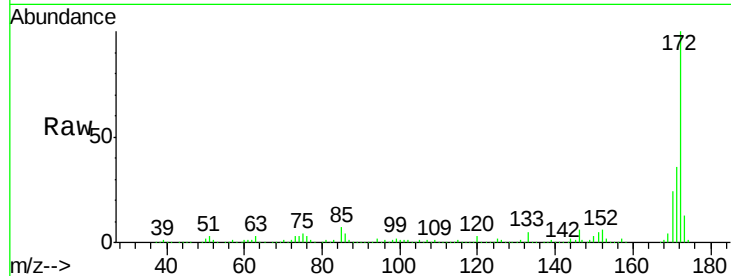
#44
2-Fluorobiphenyl
Concen: 81.948 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF103948.D
Acq: 27 Mar 2018 1:35

Instrument :
BNA_F
ClientSampleId :
SB-101(9-10)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.2	19.6	29.4

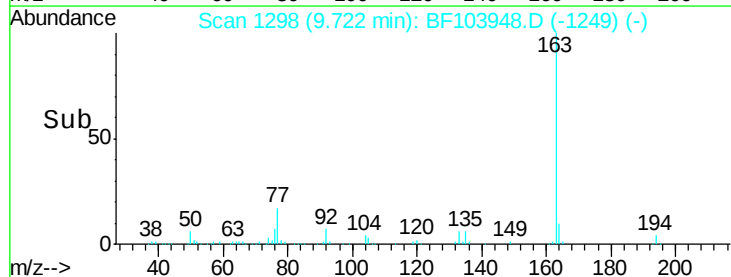
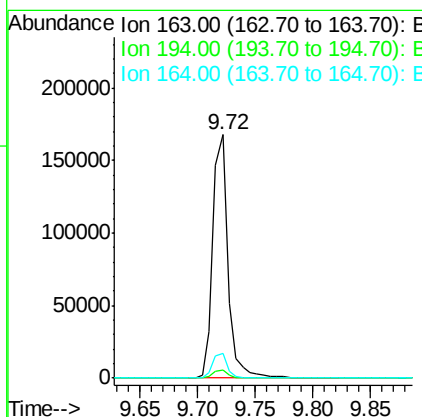
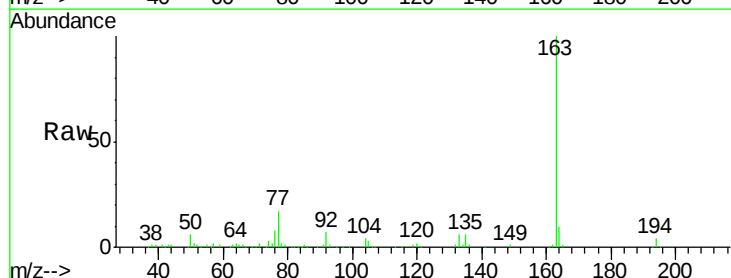
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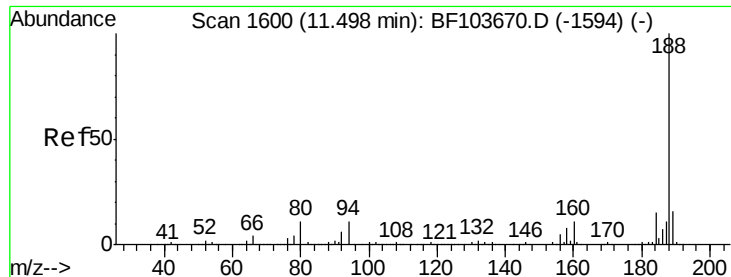
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#49
Dimethylphthalate
Concen: 8.299 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF103948.D
Acq: 27 Mar 2018 1:35

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.1	8.2	12.2





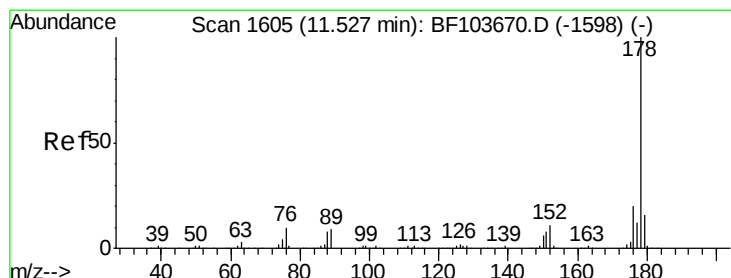
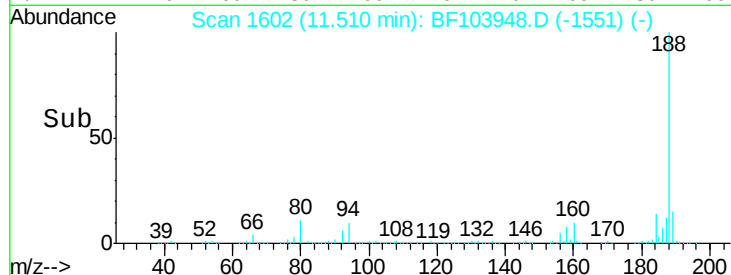
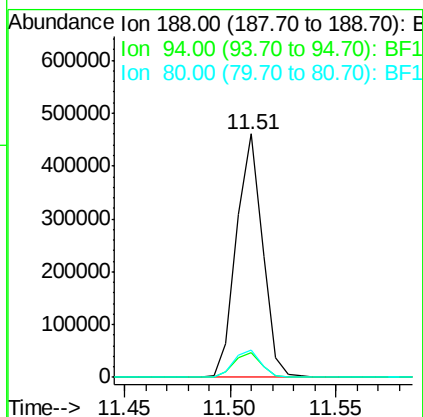
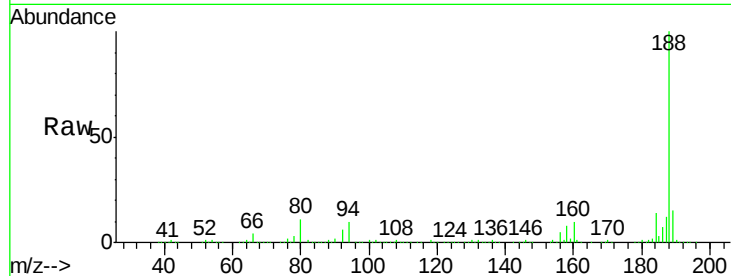
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF103948.D
Acq: 27 Mar 2018 1:35

Instrument :
BNA_F
ClientSampleId :
SB-101(9-10)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	394069		
94	10.1		8.5	12.7
80	11.0		9.2	13.8

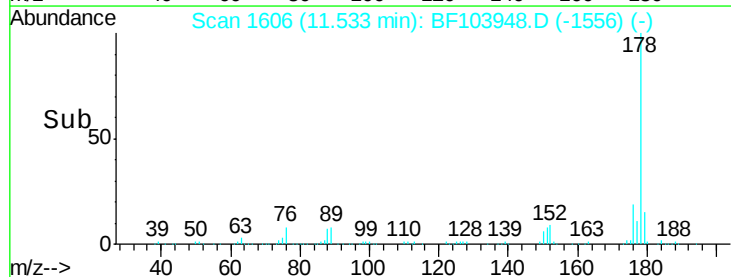
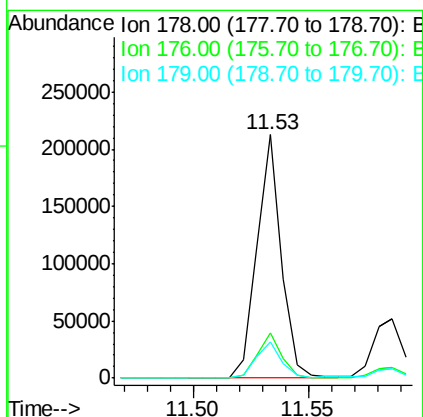
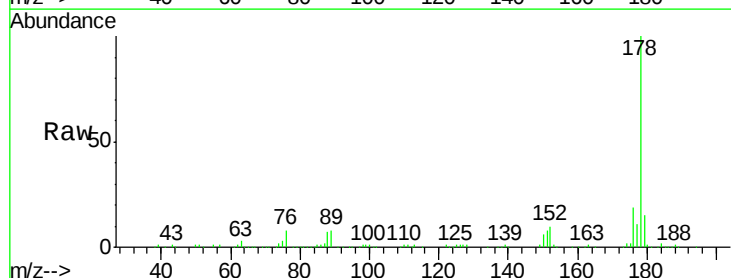
Manual Integrations
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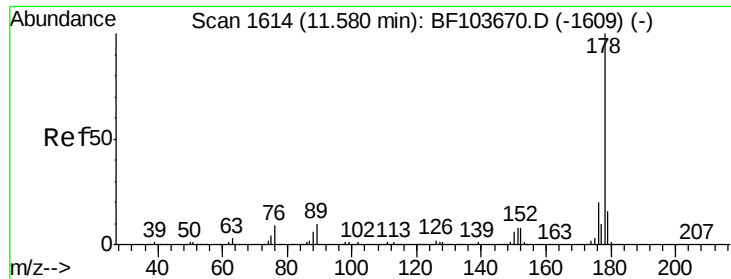
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#70
Phenanthrene
Concen: 7.261 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF103948.D
Acq: 27 Mar 2018 1:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	156516		
176	18.7		15.8	23.8
179	15.1		13.0	19.6





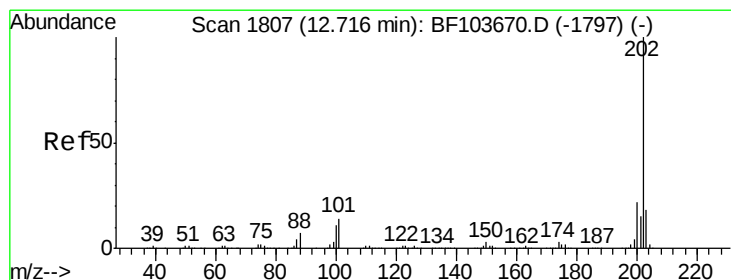
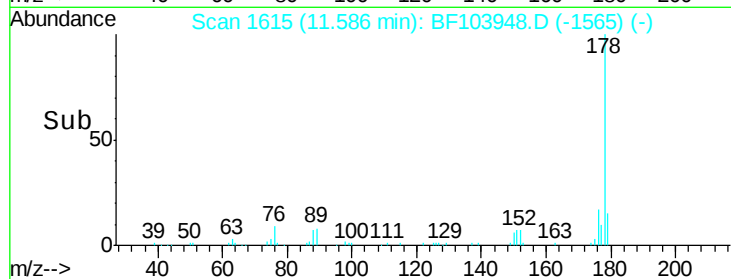
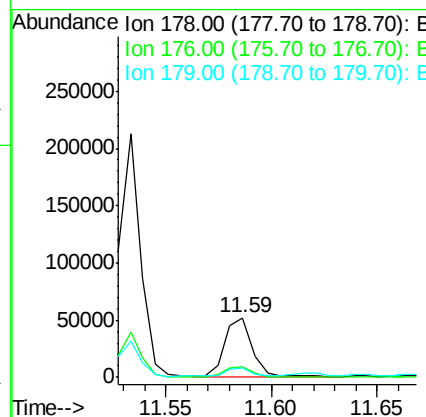
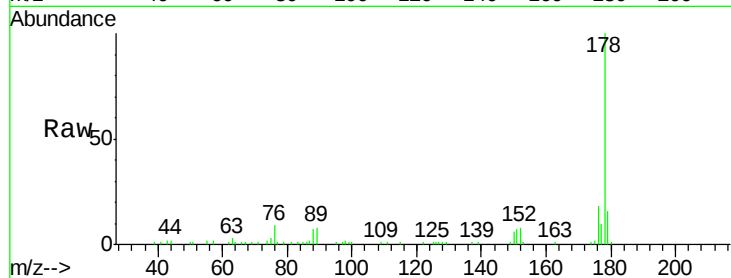
#71
 Anthracene
 Concen: 2.160 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF103948.D
 Acq: 27 Mar 2018 1:35

Instrument :
 BNA_F
 ClientSampled :
 SB-101(9-10)

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.4	23.2
179	15.7	12.6	19.0

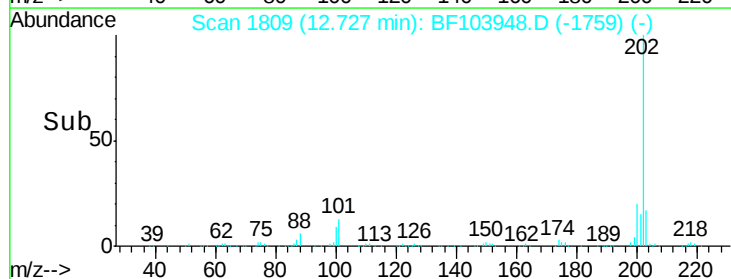
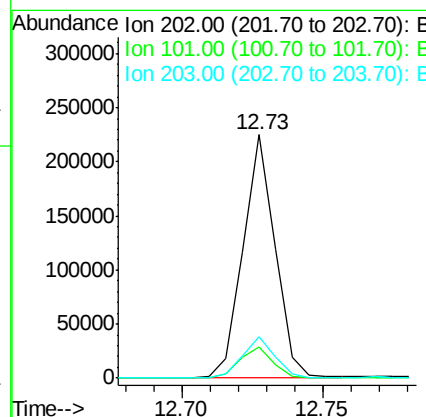
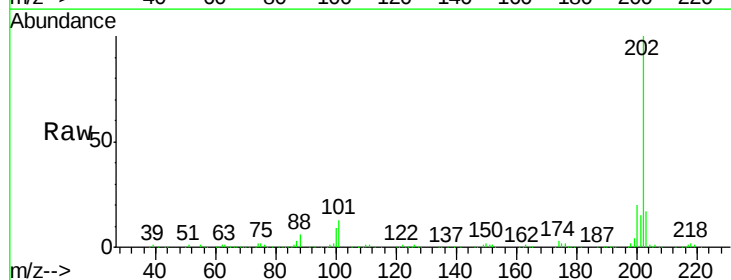
Manual Integrations
 APPROVED

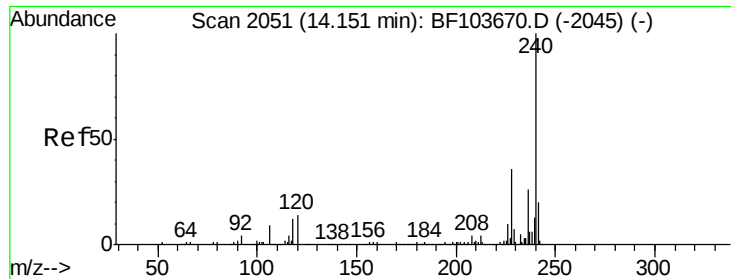
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#74
 Fluoranthene
 Concen: 8.012 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BF103948.D
 Acq: 27 Mar 2018 1:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.1
203	17.1	0.0	38.1





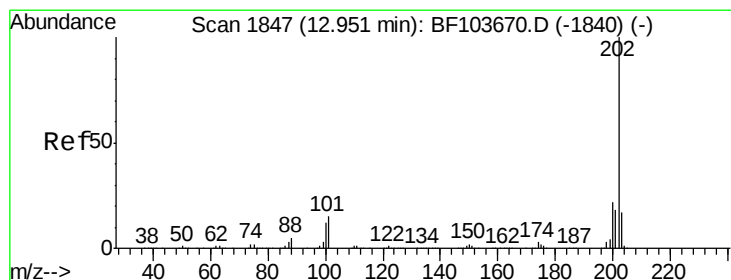
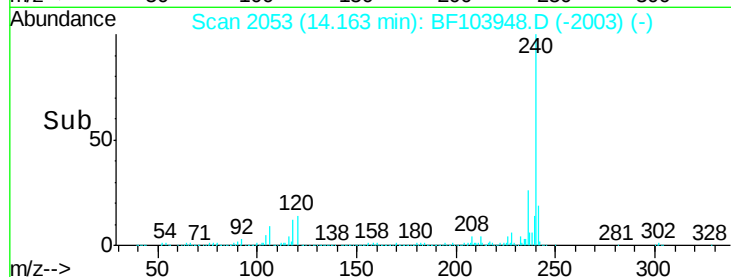
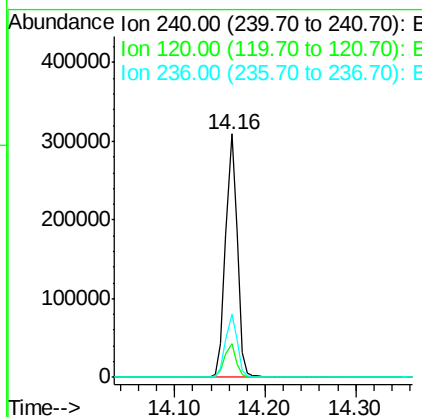
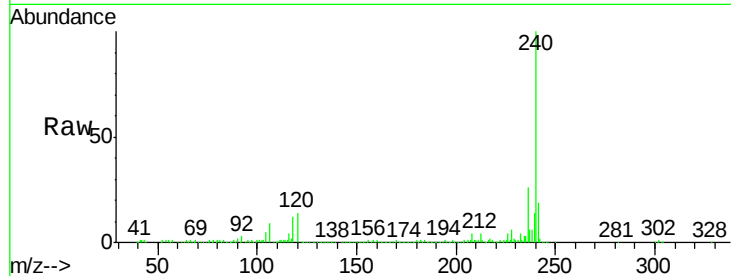
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BF103948.D
 Acq: 27 Mar 2018 1:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-101(9-10)

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.5	14.3
236	26.1	20.7	31.1

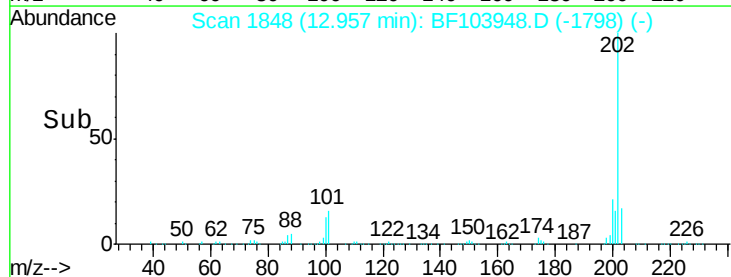
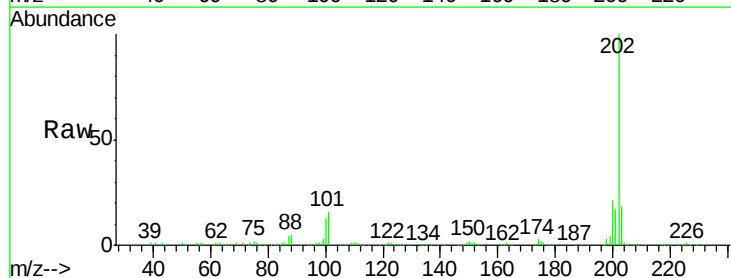
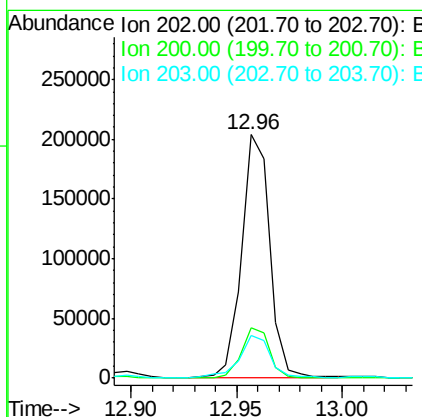
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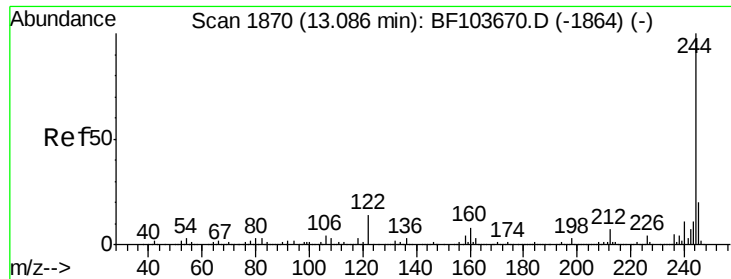
Sohil
 3/27/2018 2:16:01 PM



#77
 Pyrene
 Concen: 9.327 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF103948.D
 Acq: 27 Mar 2018 1:35

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.7	14.3	21.5





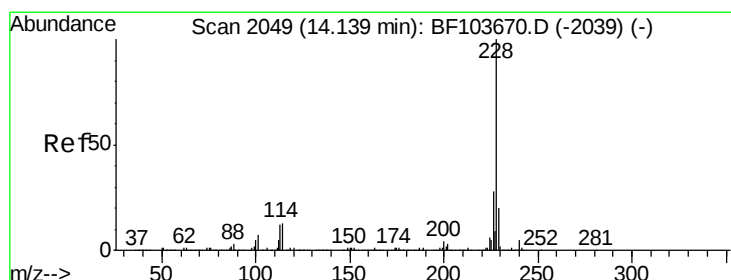
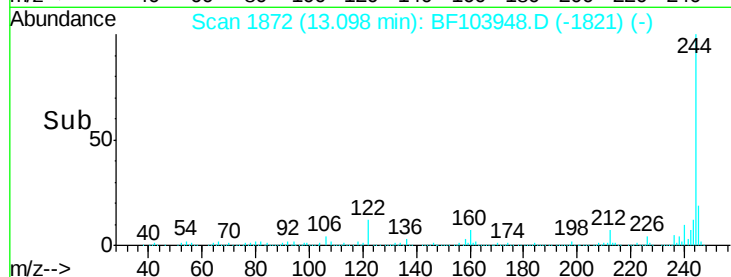
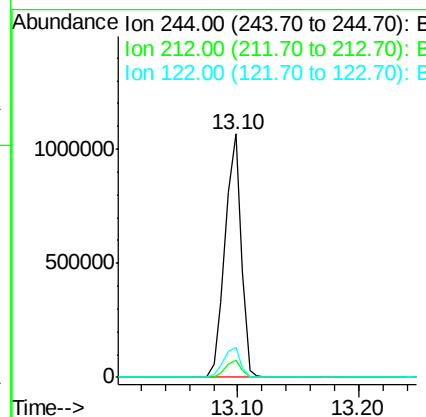
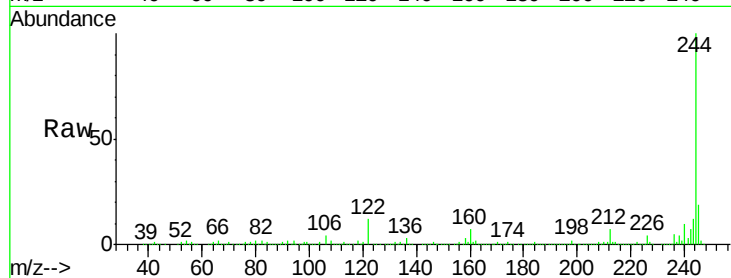
#78
 Terphenyl-d14
 Concen: 83.428 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: BF103948.D
 Acq: 27 Mar 2018 1:35

Instrument :
 BNA_F
 ClientSampled :
 SB-101(9-10)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.5	11.0	16.4

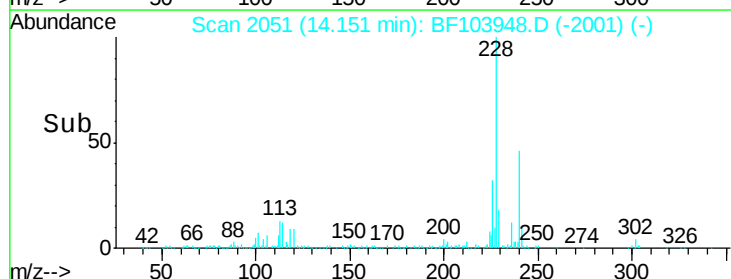
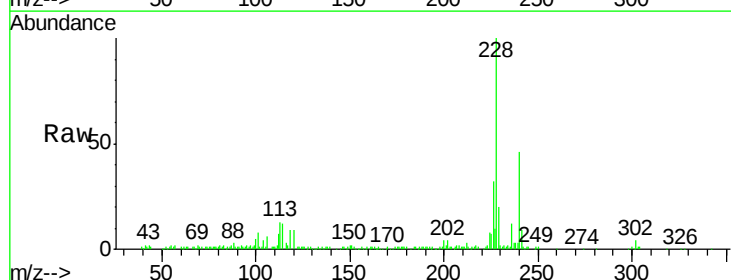
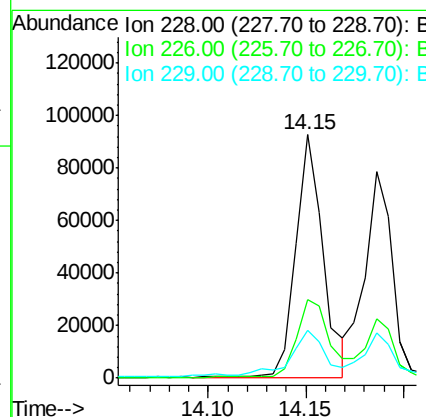
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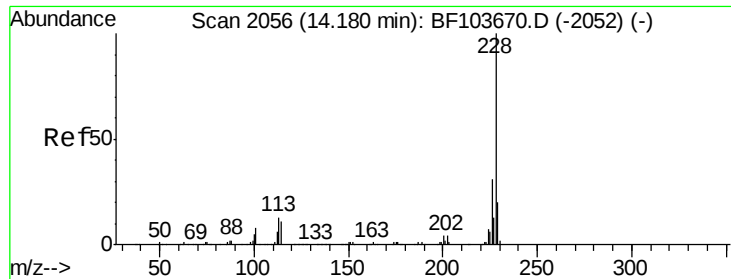
Sohil
 3/27/2018 2:16:01 PM



#80
 Benzo(a)anthracene
 Concen: 5.176 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF103948.D
 Acq: 27 Mar 2018 1:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	22.6	33.8
229	19.8	15.8	23.6





#82

Chrysene

Concen: 4.644 ng

RT: 14.19 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BF103948.D

Acq: 27 Mar 2018 1:35

Instrument :

BNA_F

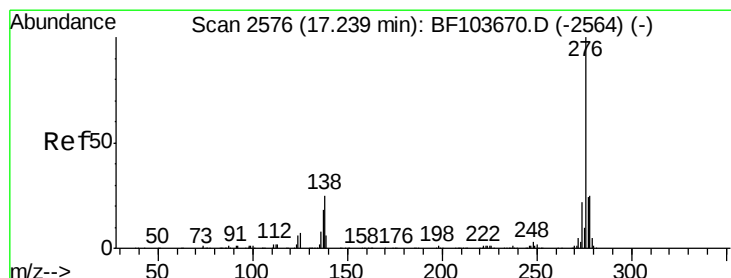
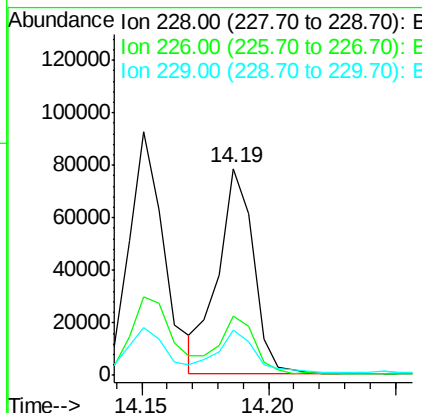
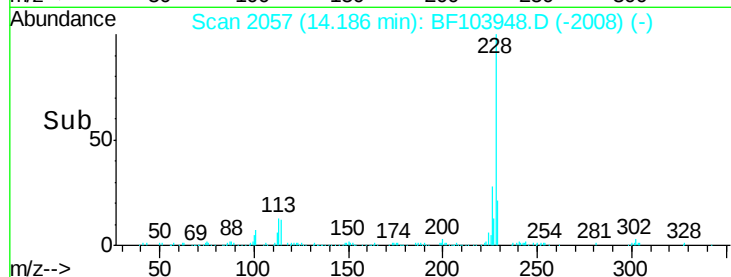
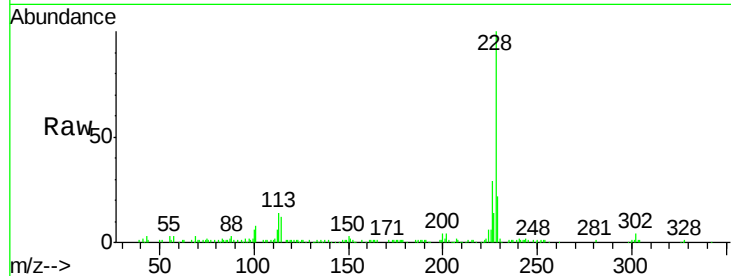
ClientSampleId :

SB-101(9-10)

Tot Ion:	228	Resp:	76436
Ion Ratio	Lower	Upper	
228	100		
226	28.8	25.0	37.6
229	22.1	16.2	24.4

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#85

Indeno(1,2,3-cd)pyrene

Concen: 2.515 ng

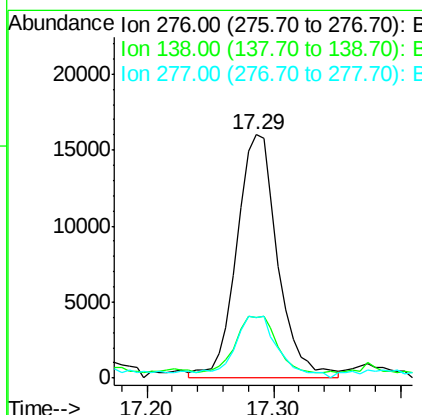
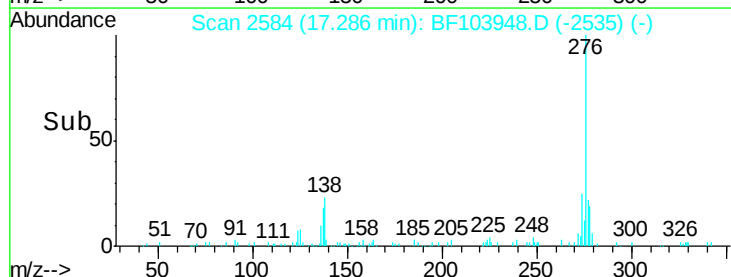
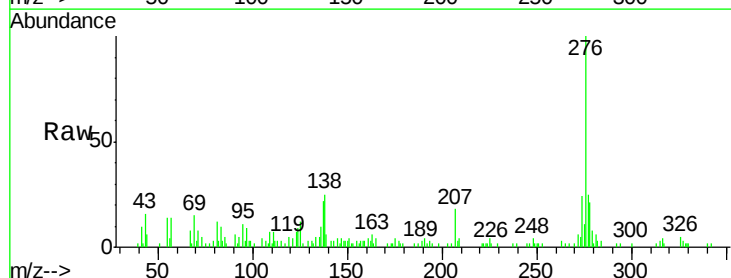
RT: 17.29 min Scan# 2584

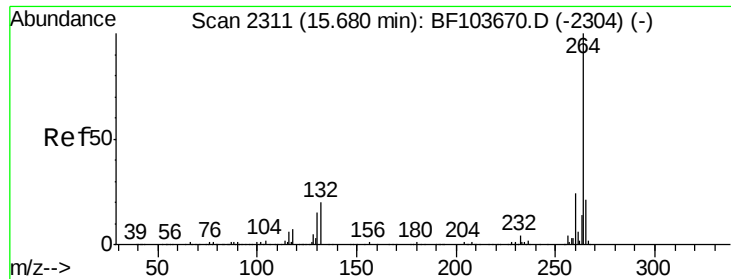
Delta R.T. -0.01 min

Lab File: BF103948.D

Acq: 27 Mar 2018 1:35

Tgt Ion:	276	Resp:	36146
Ion Ratio	Lower	Upper	
276	100		
138	23.0	25.0	37.6#
277	26.3	20.1	30.1





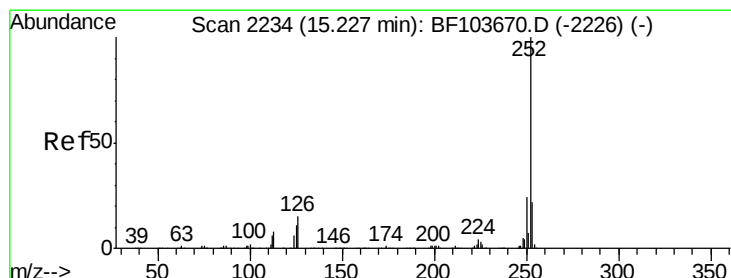
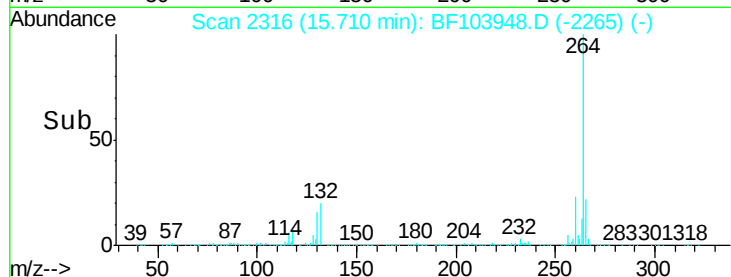
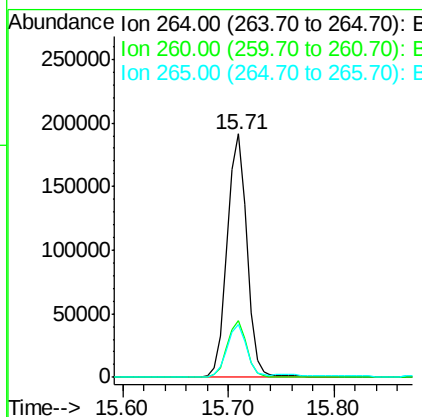
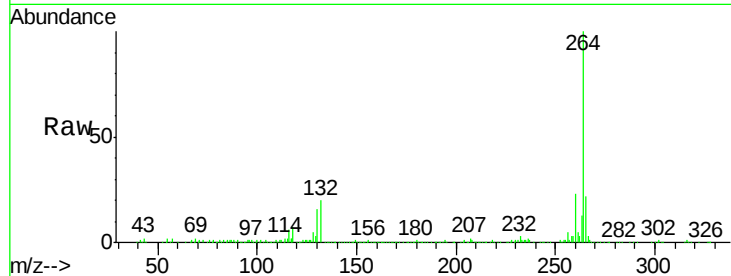
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2316
Delta R.T. 0.00 min
Lab File: BF103948.D
Acq: 27 Mar 2018 1:35

Instrument :
BNA_F
ClientSampleId :
SB-101(9-10)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.8	17.5	26.3

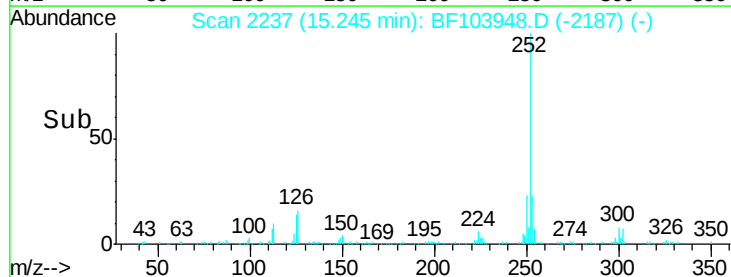
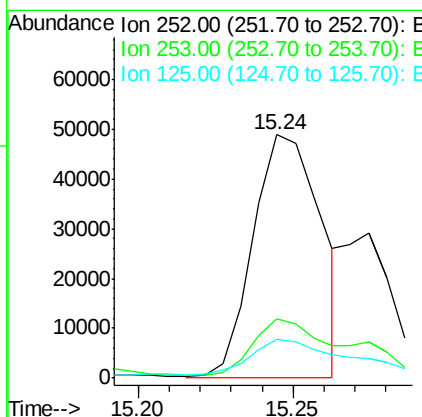
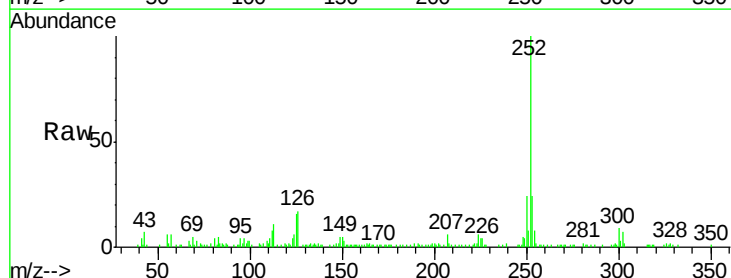
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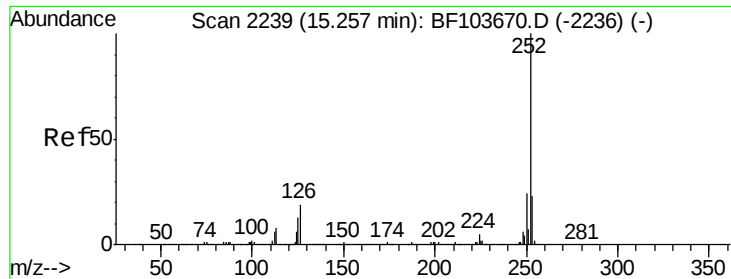
Sohil
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#87
Benzo(b)fluoranthene
Concen: 4.761 ng m
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF103948.D
Acq: 27 Mar 2018 1:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.0	25.6
125	16.1	9.0	13.6#





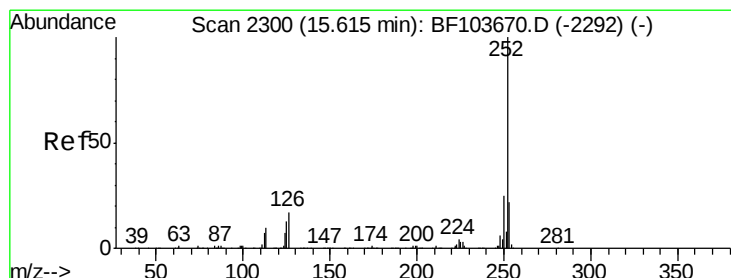
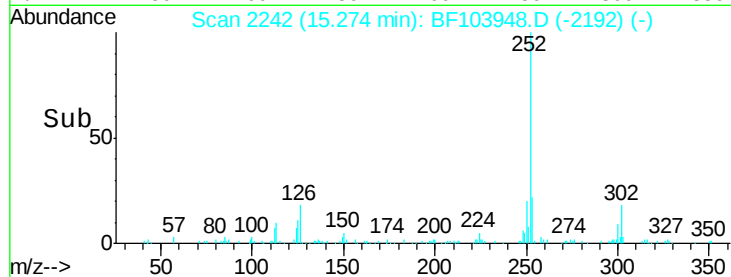
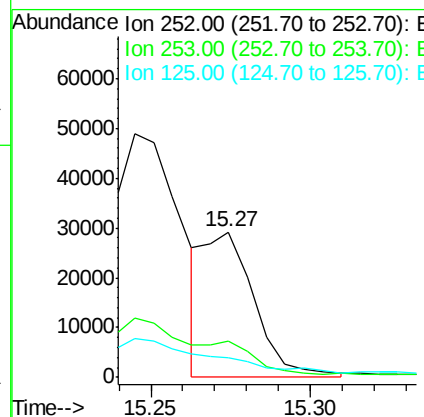
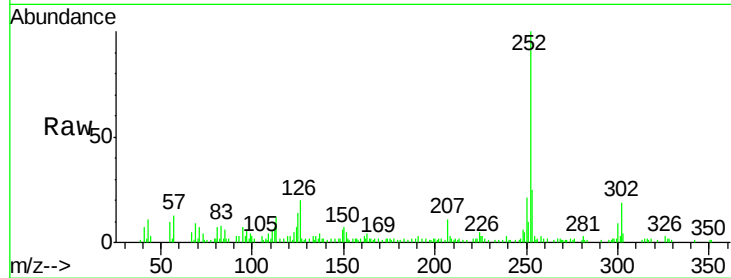
#88
Benzo(k)fluoranthene
Concen: 2.113 ng m
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF103948.D
Acq: 27 Mar 2018 1:35

Instrument :
BNA_F
ClientSampleId :
SB-101(9-10)

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.9	26.9
125	13.9	10.2	15.2

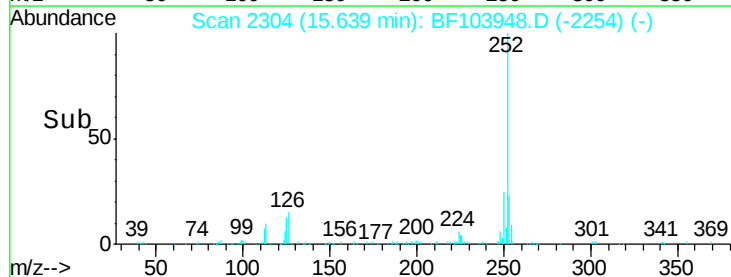
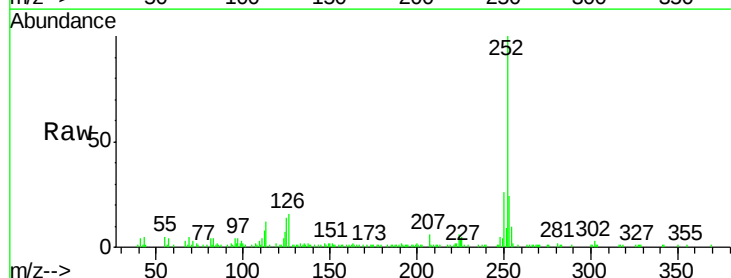
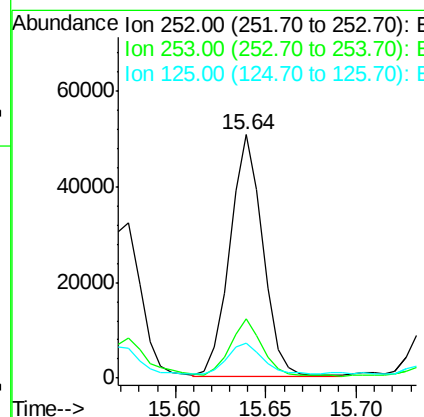
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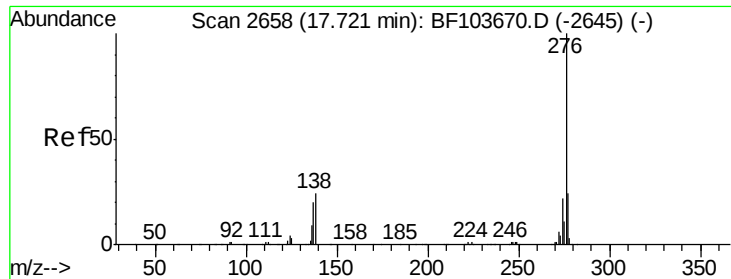
Sohil
3/27/2018 2:16:01 PM



#89
Benzo(a)pyrene
Concen: 4.478 ng
RT: 15.64 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BF103948.D
Acq: 27 Mar 2018 1:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	14.5	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.824 ng
 RT: 17.77 min Scan# 2666
 Delta R.T. -0.01 min
 Lab File: BF103948.D
 Acq: 27 Mar 2018 1:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-101(9-10)

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.7	17.9	26.9
138	25.0	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 3/27/2018 2:16:01 PM

