

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011918\
 Data File : BF102229.D
 Acq On : 19 Jan 2018 21:04
 Operator : SJ/JU
 Sample : J1202-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-1-5

Manual Integrations
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Quant Time: Jan 19 23:26:28 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 13:31:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	142545	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	580229	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	252586	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	408815	20.00	ng	0.00
75) Chrysene-d12	13.87	240	262184	20.00	ng	0.00
86) Perylene-d12	15.29	264	290778	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	906508	89.80	ng	0.00
7) Phenol-d6	6.36	99	1084796	90.07	ng	0.00
23) Nitrobenzene-d5	7.29	82	668833	67.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	223258	101.28	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1059005	65.50	ng	0.00
78) Terphenyl-d14	12.82	244	730681	57.86	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.37	94	40464	2.973	ng	84
31) Naphthalene	8.02	128	675244	23.290	ng	100
37) 2-Methylnaphthalene	8.71	142	287396	15.057	ng	99
45) 1,1'-Biphenyl	9.17	154	59970	2.686	ng	97
49) Dimethylphthalate	9.47	163	235153	11.605	ng	99
51) Acenaphthene	9.79	154	236753	14.197	ng	99
54) Dibenzofuran	9.96	168	200097	8.743	ng	99
57) Fluorene	10.30	166	161998	10.239	ng	96
70) Phenanthrene	11.26	178	507353	21.246	ng	98
71) Anthracene	11.31	178	64878	2.679	ng	97
74) Fluoranthene	12.46	202	321101	13.667	ng	97
77) Pyrene	12.67	202	251029	10.832	ng	99
80) Benzo(a)anthracene	13.86	228	81341	4.863	ng	98
82) Chrysene	13.90	228	82331	4.720	ng	96
83) Bis(2-ethylhexyl)phthalate	13.86	149	309357	25.355	ng	# 99
85) Indeno(1,2,3-cd)pyrene	16.67	276	48089	3.788	ng	99
87) Benzo(b)fluoranthene	14.89	252	110863m	5.847	ng	
89) Benzo(a)pyrene	15.23	252	73272	4.295	ng	# 95
91) Benzo(a,h,i)perylene	17.09	276	47795	3.485	ng	97

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

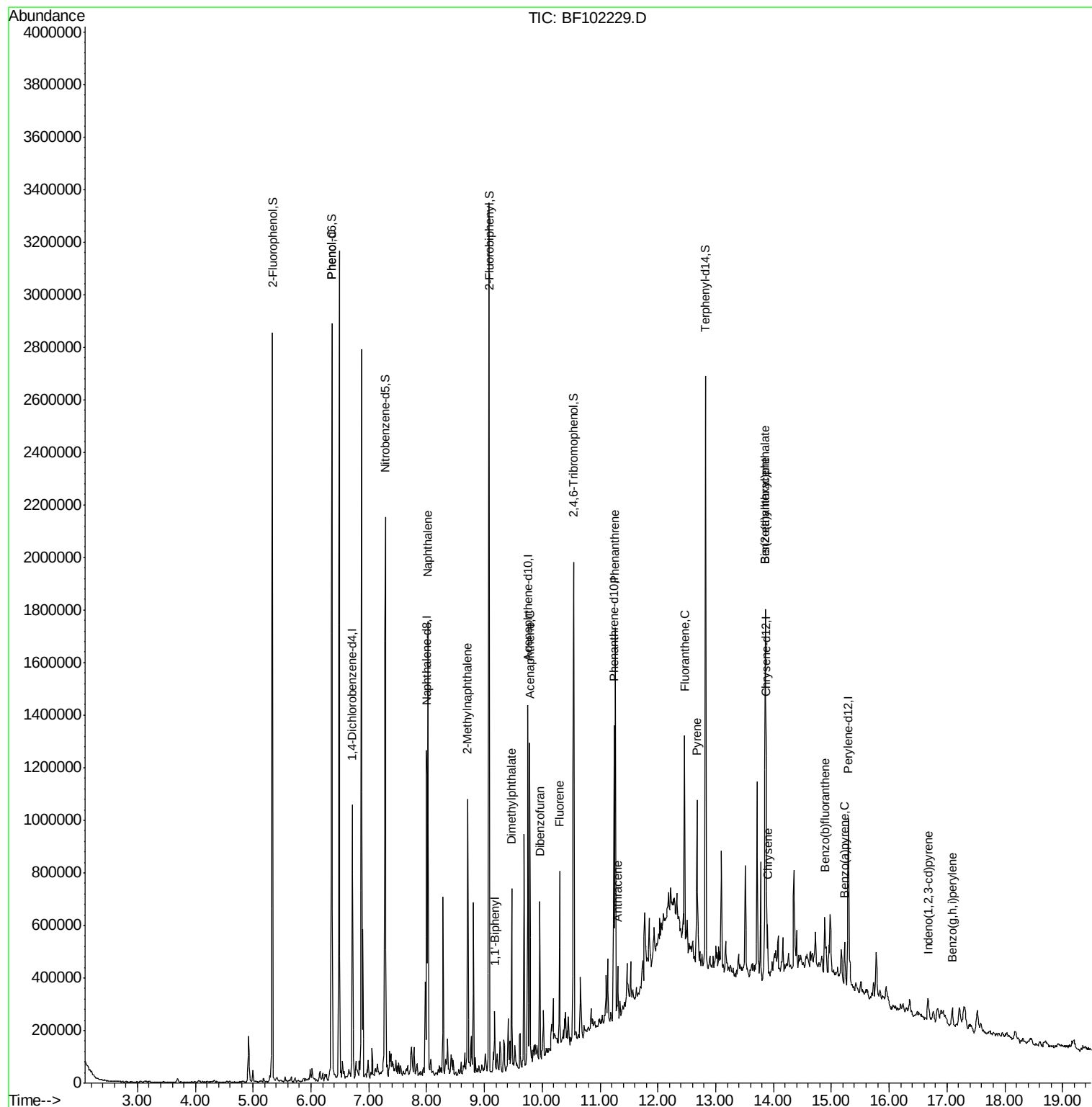
Data Path : Z:\HPCHEM1\BNA F\DATA\BF011918\
Data File : BF102229.D
Acq On : 19 Jan 2018 21:04
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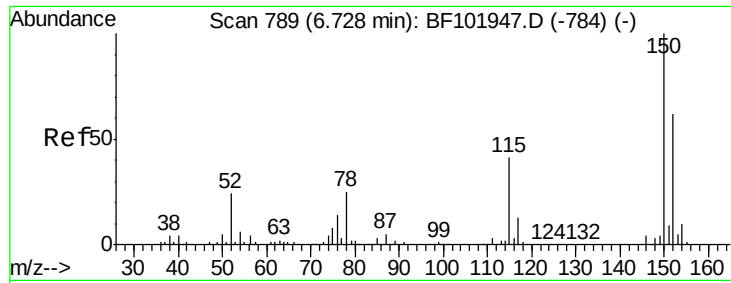
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-1-5

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

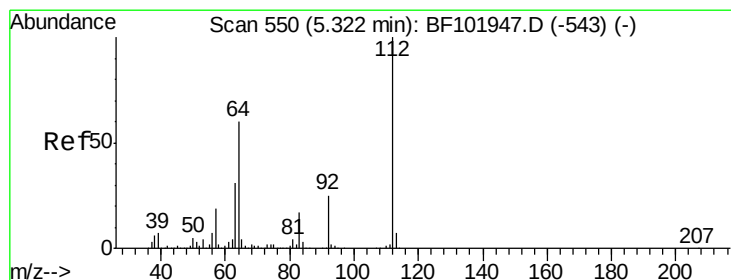
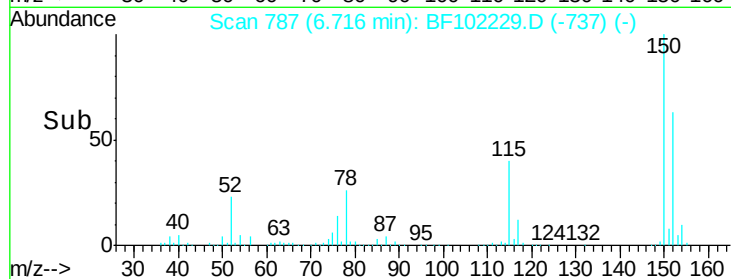
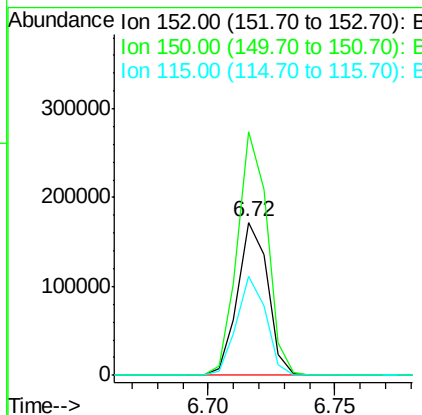
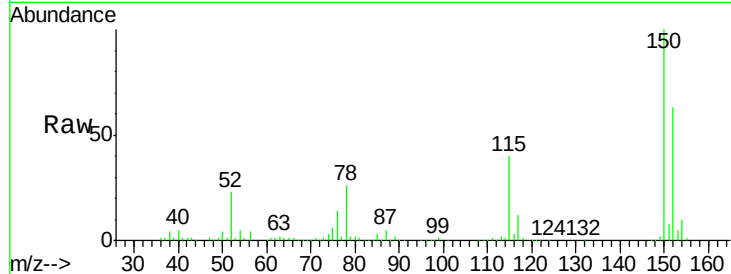
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102229.D
Acq: 19 Jan 2018 21:04

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-1-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	64.4	50.1	75.1

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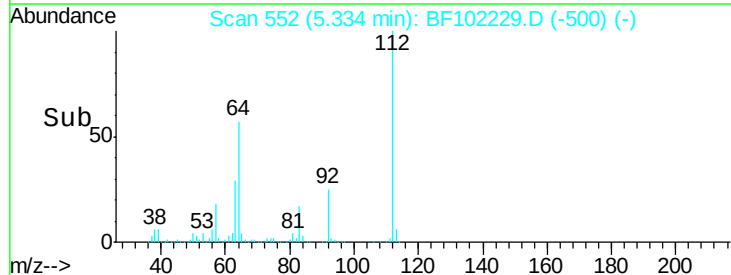
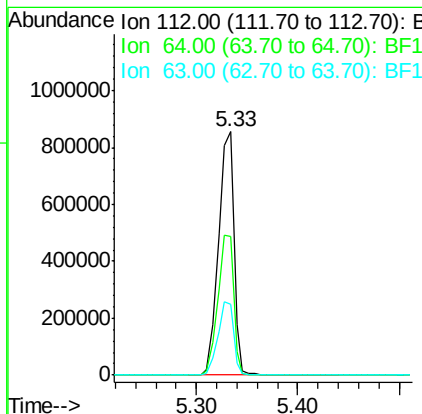
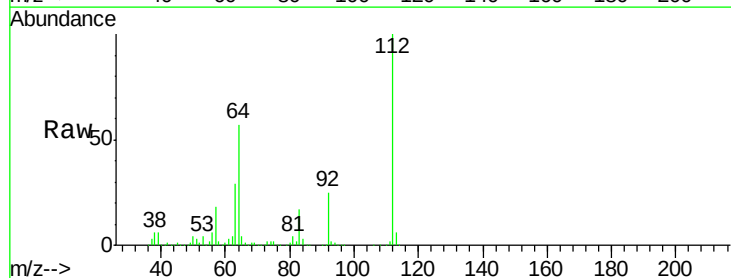
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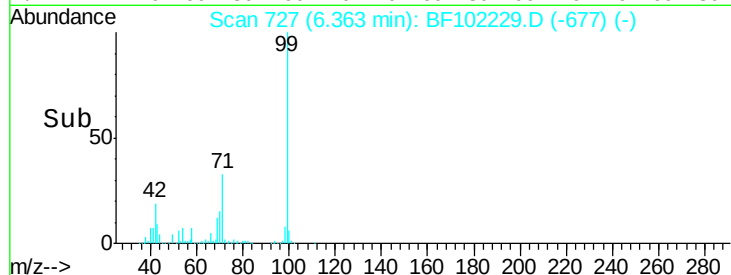
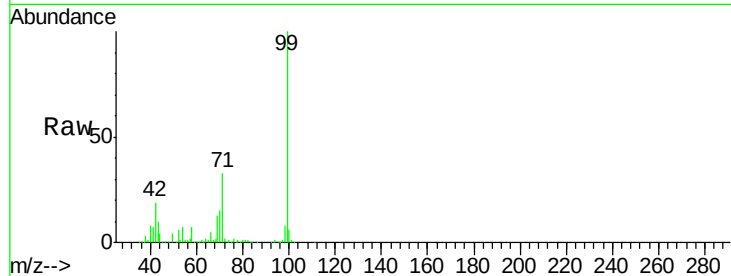
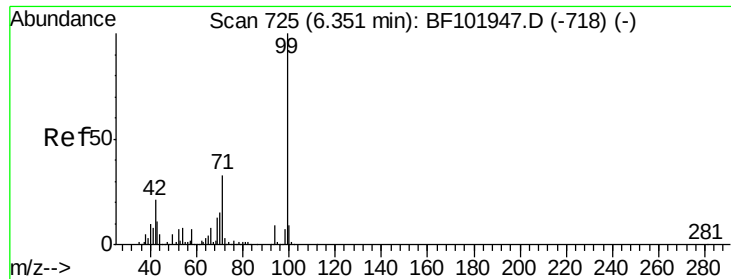


#5

2-Fluorophenol
Concen: 89.801 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102229.D
Acq: 19 Jan 2018 21:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.9	71.9
63	29.2	23.7	35.5





#7

Phenol-d6

Concen: 90.070 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102229.D

Acq: 19 Jan 2018 21:04

Tot Ion:	99	Resp:	1084796
Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.5	21.7
71	32.8	25.4	38.0

Instrument :

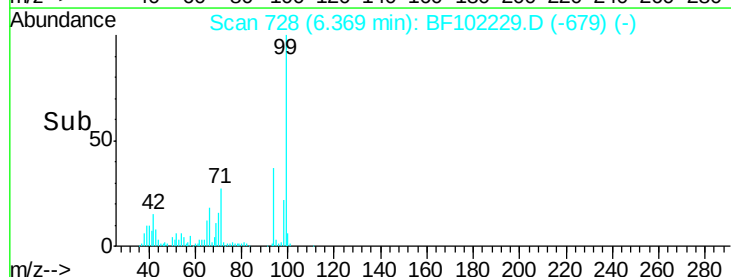
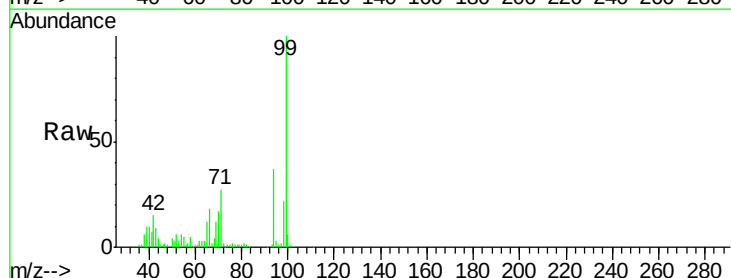
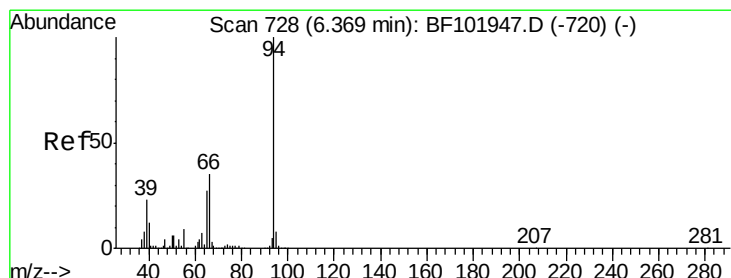
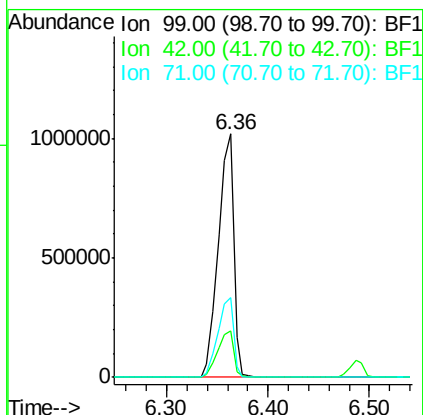
BNA_F

ClientSampled :

ROLLOFF-1-5

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#10

Phenol

Concen: 2.973 ng

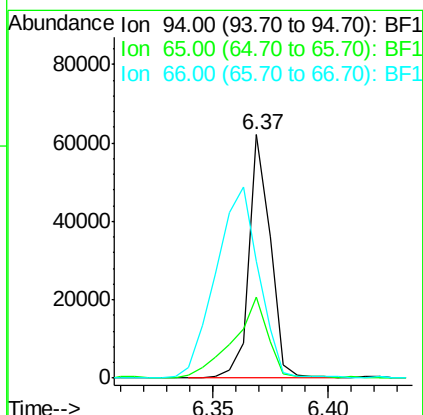
RT: 6.37 min Scan# 728

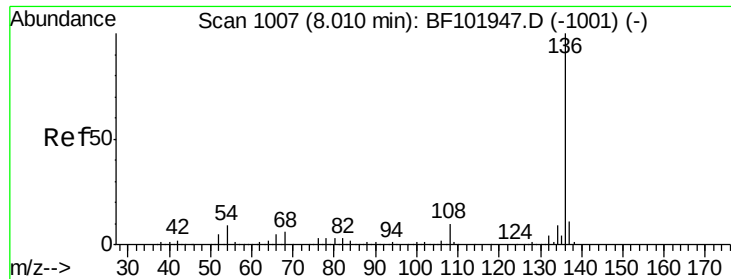
Delta R.T. -0.01 min

Lab File: BF102229.D

Acq: 19 Jan 2018 21:04

Tgt Ion:	94	Resp:	40464
Ion	Ratio	Lower	Upper
94	100		
65	33.1	7.9	47.9
66	48.3	16.2	56.2





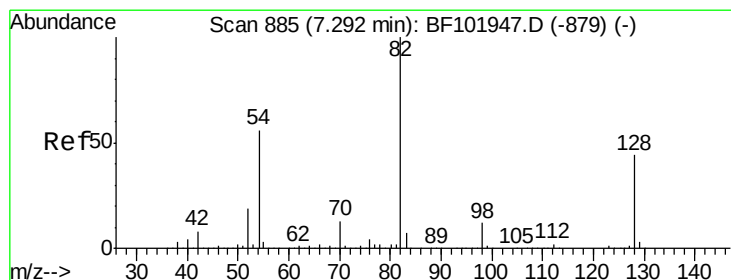
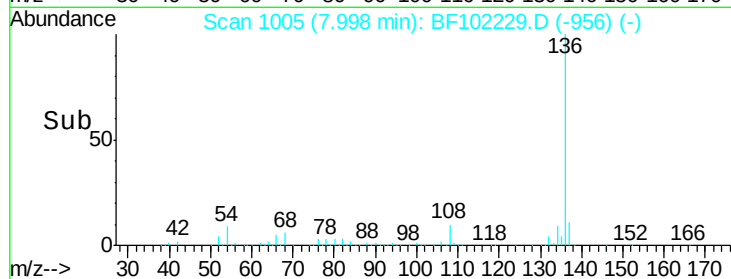
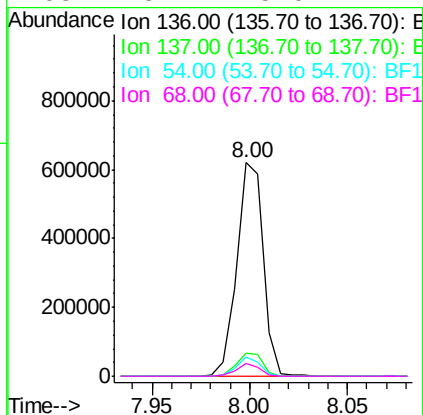
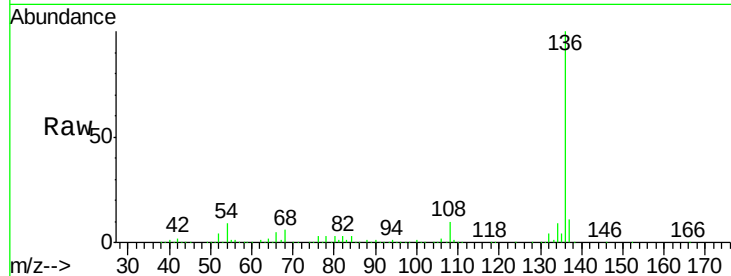
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102229.D
Acq: 19 Jan 2018 21:04

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-1-5

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.7	6.6	9.8
68	5.7	5.0	7.4

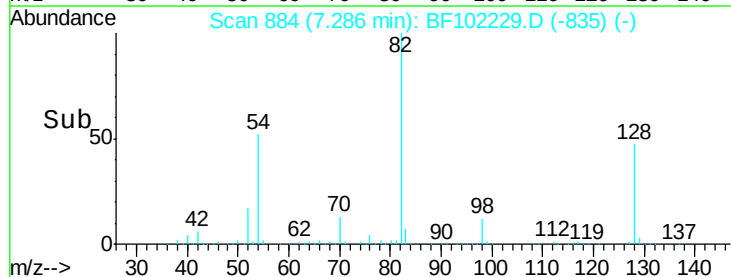
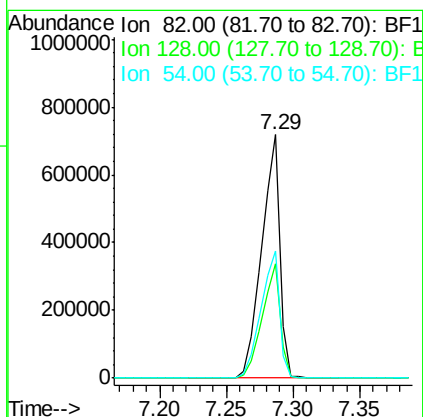
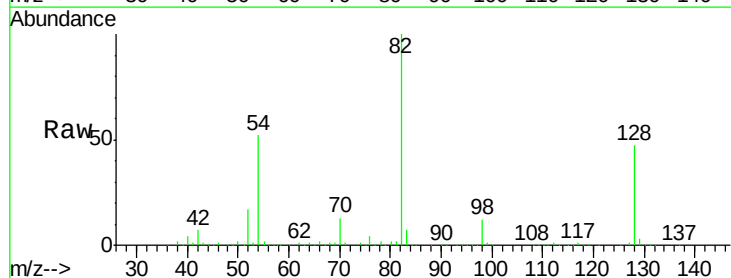
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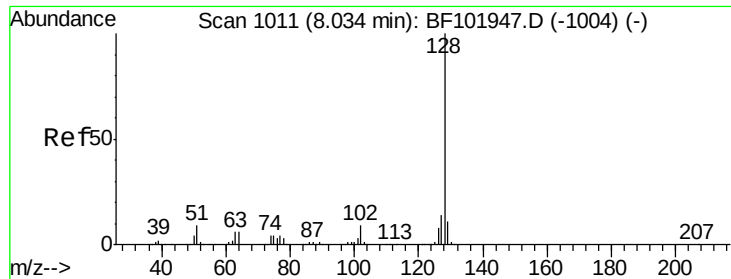
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#23
Nitrobenzene-d5
Concen: 67.738 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102229.D
Acq: 19 Jan 2018 21:04

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	52.1	41.4	62.2





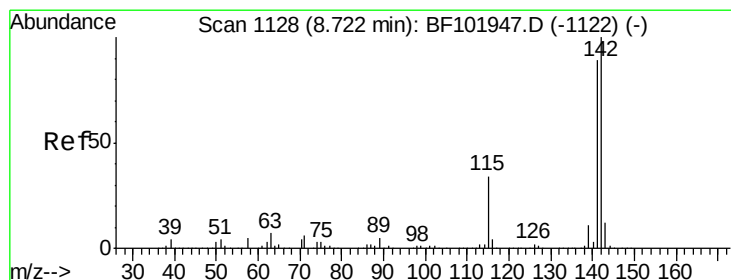
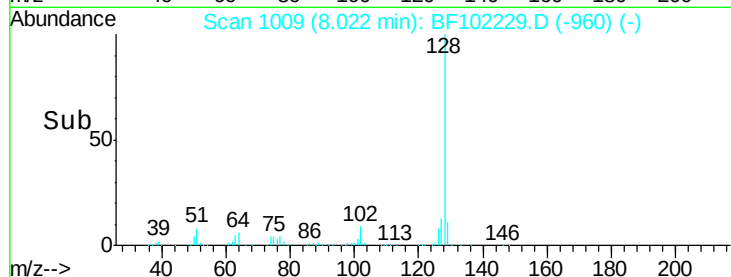
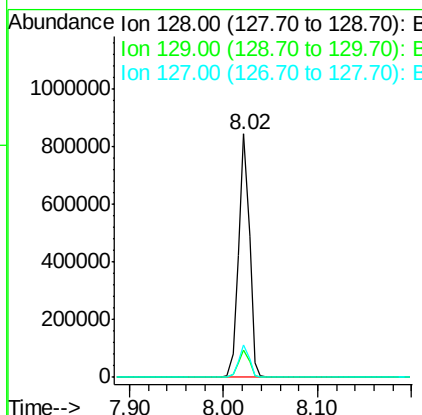
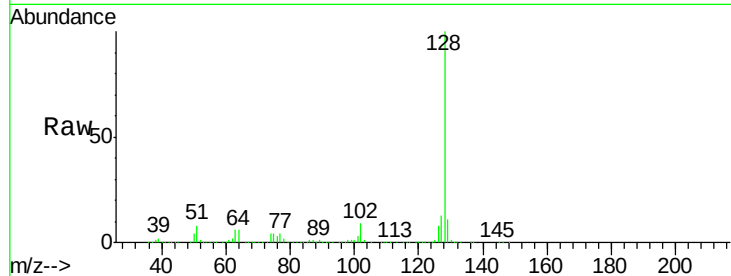
#31
Naphthalene
Concen: 23.290 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF102229.D
Acq: 19 Jan 2018 21:04

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-1-5

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.4	10.9	16.3

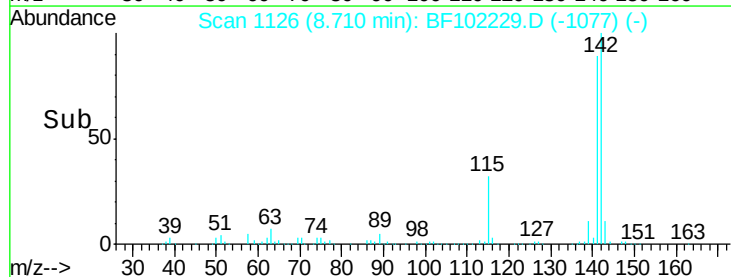
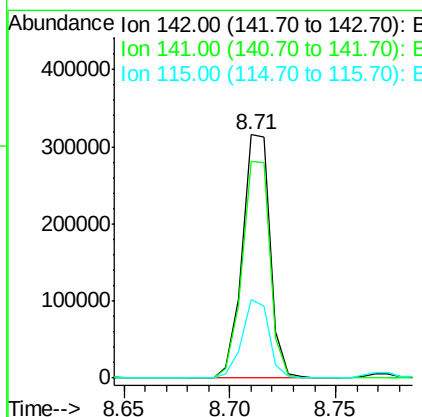
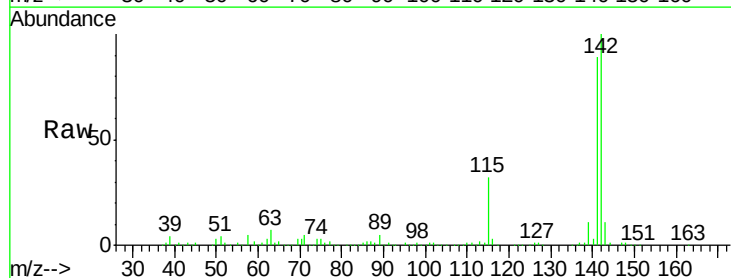
Manual Integrations
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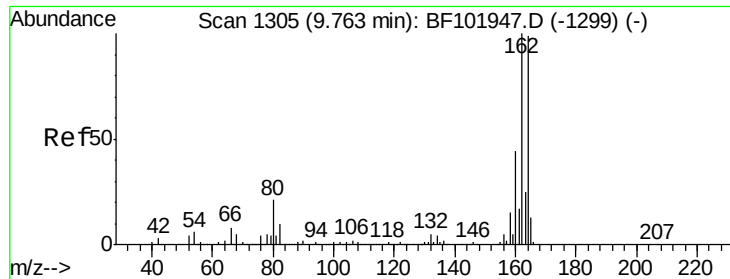
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#37
2-Methylnaphthalene
Concen: 15.057 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF102229.D
Acq: 19 Jan 2018 21:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	32.2	26.1	39.1





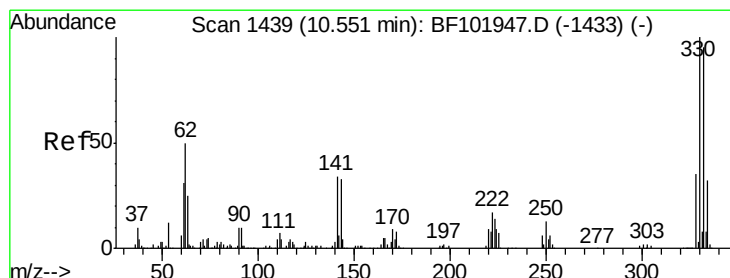
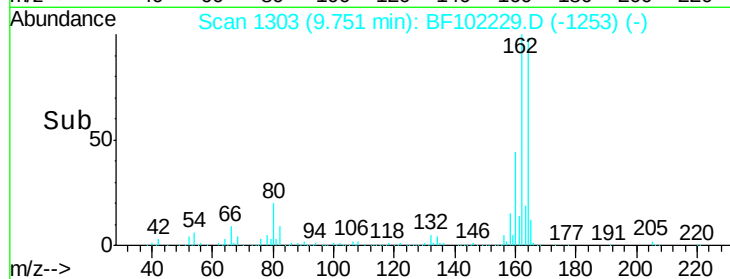
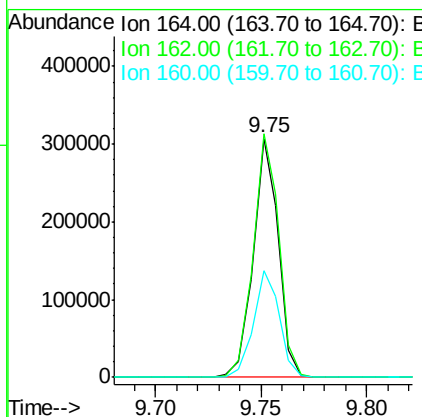
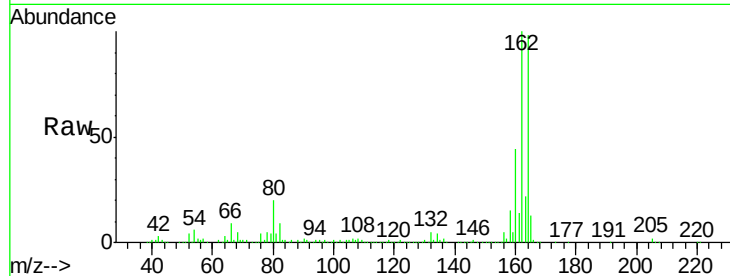
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102229.D
 Acq: 19 Jan 2018 21:04

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-1-5

Tot Ion	Ratio	Resp	Lower	Upper
164	100	252586		
162	102.0		86.1	129.1
160	44.9		38.3	57.5

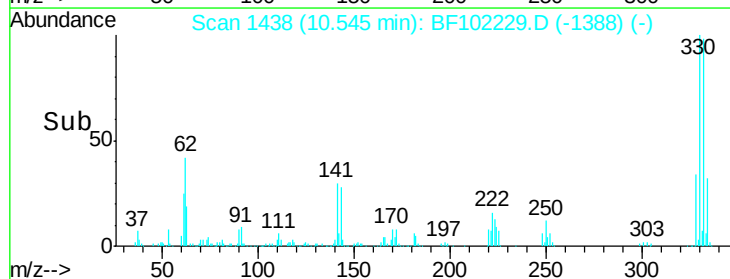
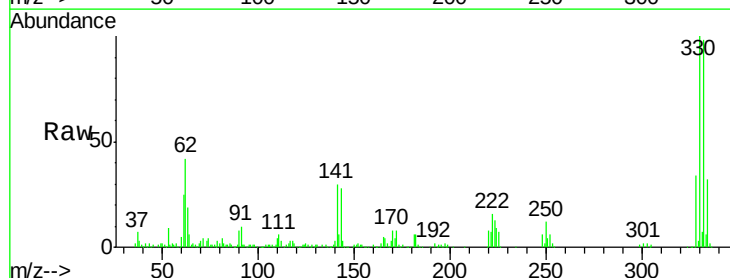
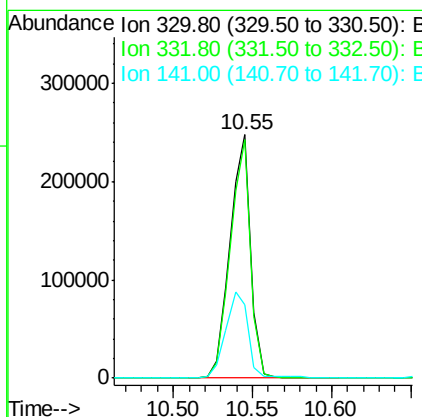
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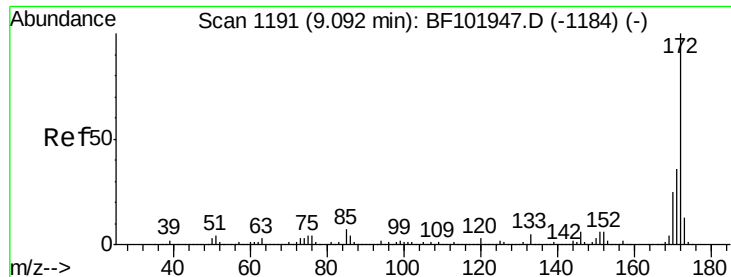
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#41
 2,4,6-Tribromophenol
 Concen: 101.284 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102229.D
 Acq: 19 Jan 2018 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	223258		
332	96.2		77.0	115.6
141	37.4		29.9	44.9





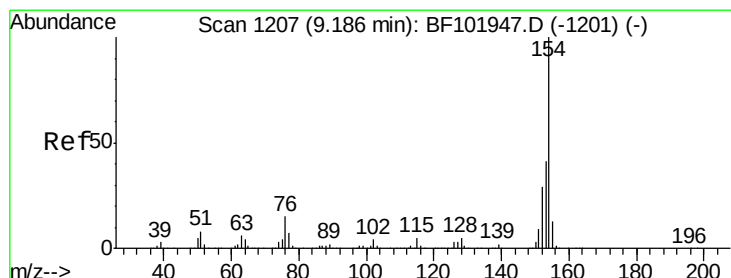
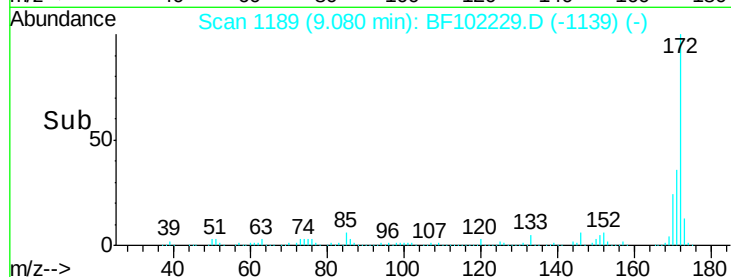
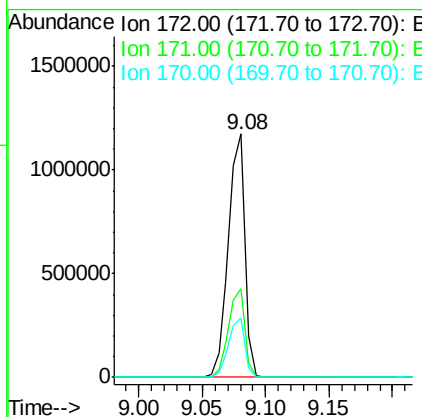
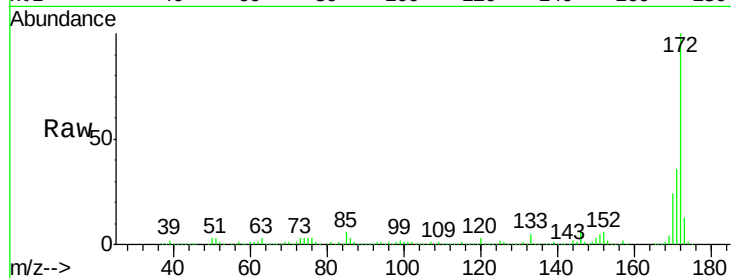
#44
2-Fluorobiphenyl
Concen: 65.501 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102229.D
Acq: 19 Jan 2018 21:04

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-1-5

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.2	19.6	29.4

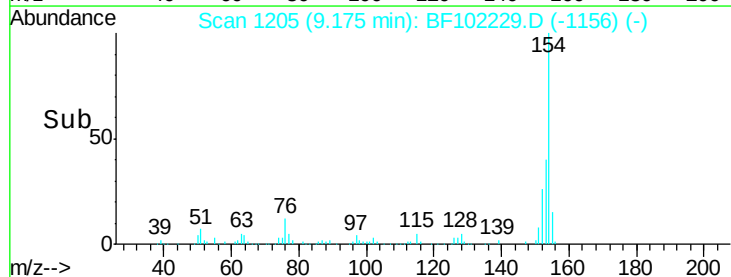
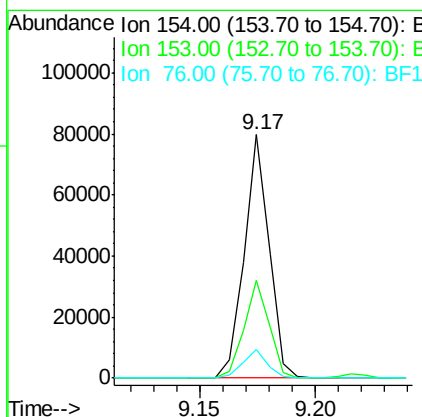
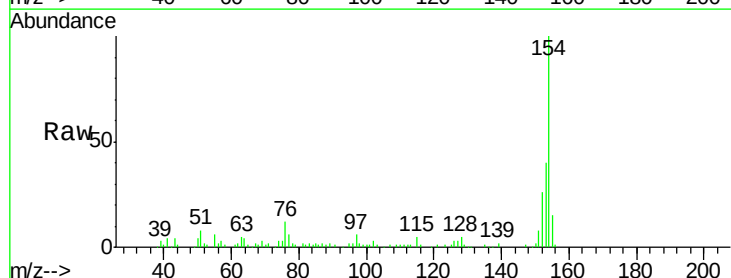
Manual Integrations
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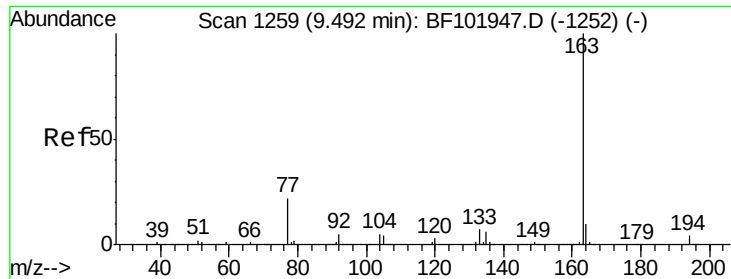
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#45
1,1'-Biphenyl
Concen: 2.686 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF102229.D
Acq: 19 Jan 2018 21:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	21.3	61.3
76	11.6	0.0	34.0





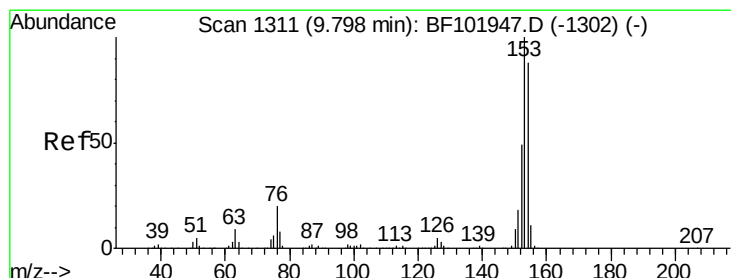
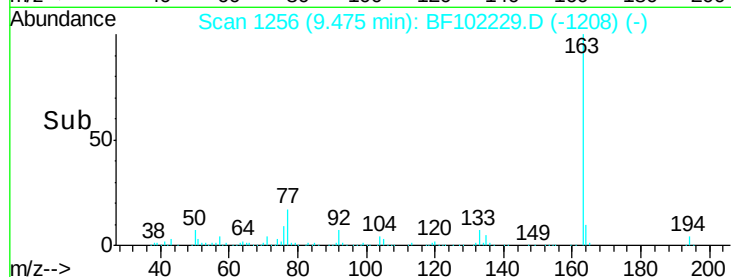
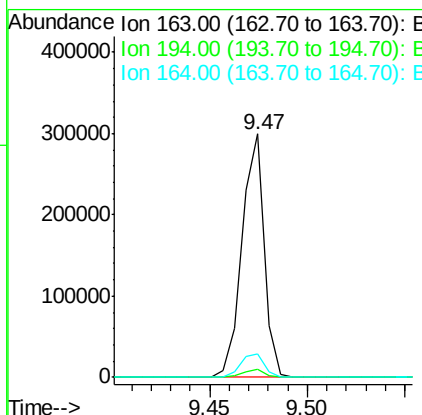
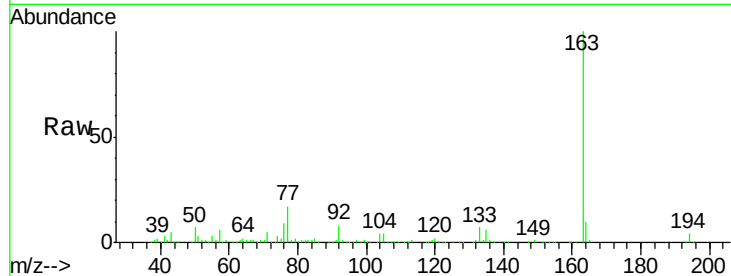
#49
Dimethylphthalate
Concen: 11.605 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102229.D
Acq: 19 Jan 2018 21:04

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-1-5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		235153		
194	3.6		2.7	4.1	
164	9.8		8.2	12.2	

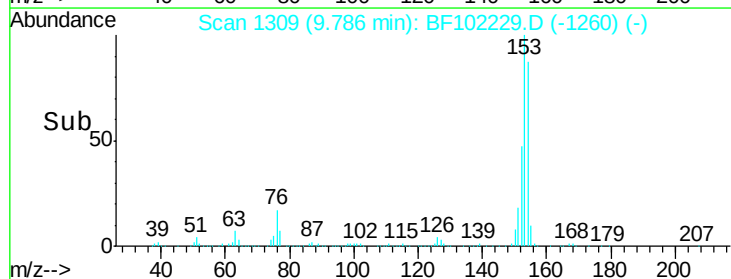
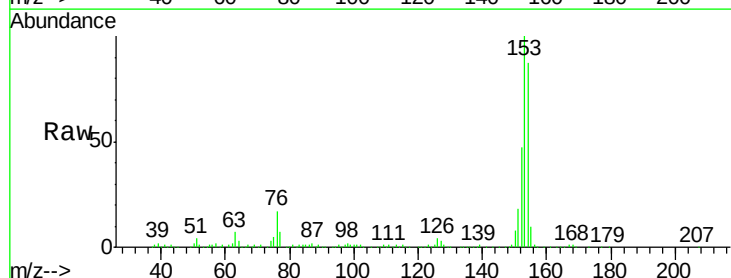
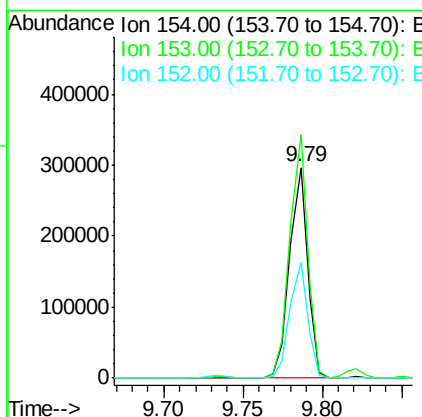
Manual Integrations
APPROVED

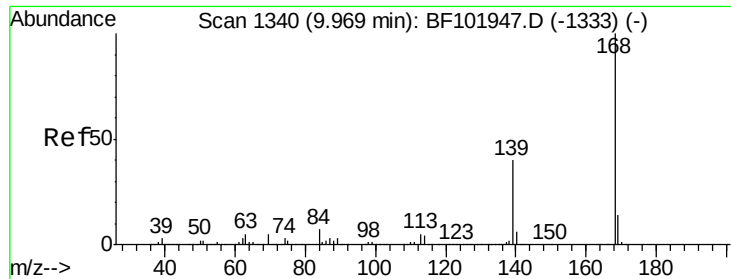
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#51
Acenaphthene
Concen: 14.197 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF102229.D
Acq: 19 Jan 2018 21:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		236753		
153	115.5		91.2	136.8	
152	54.9		43.8	65.8	





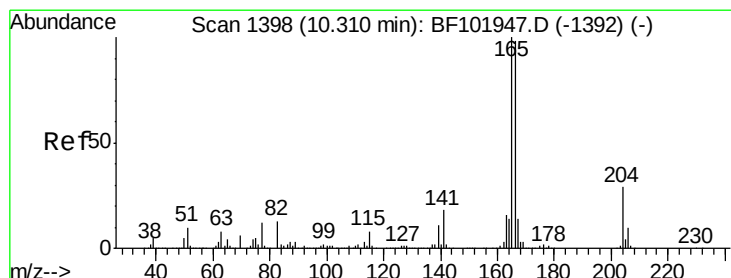
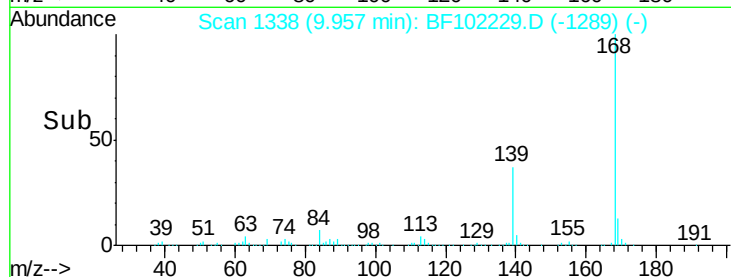
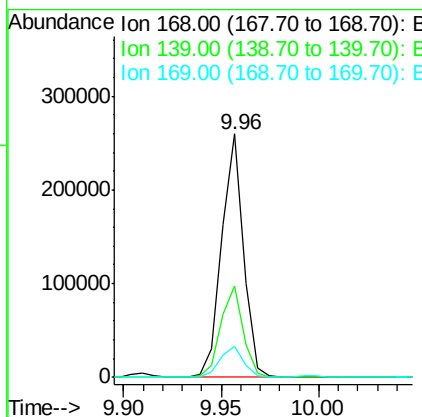
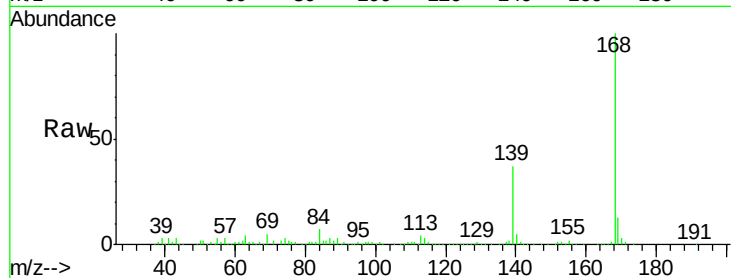
#54
Dibenzofuran
Concen: 8.743 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF102229.D
Acq: 19 Jan 2018 21:04

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-1-5

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.1	45.1
169	13.0	10.9	16.3

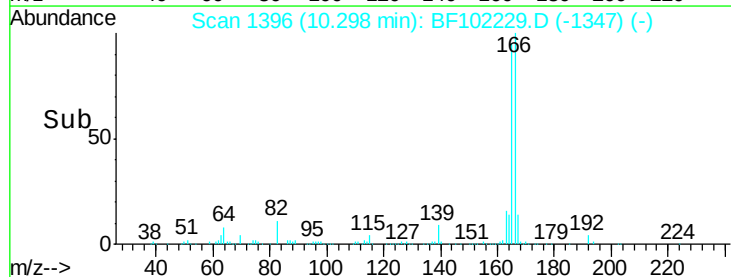
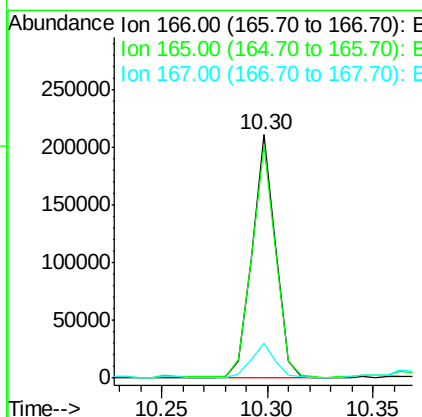
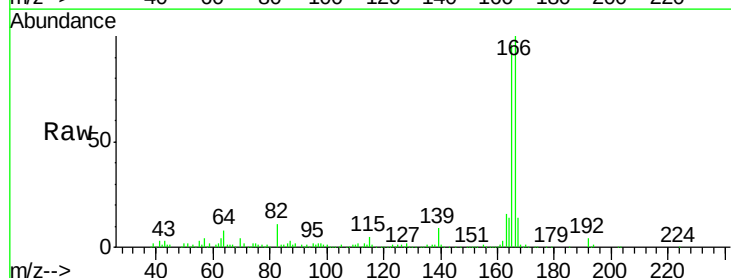
Manual Integrations
APPROVED

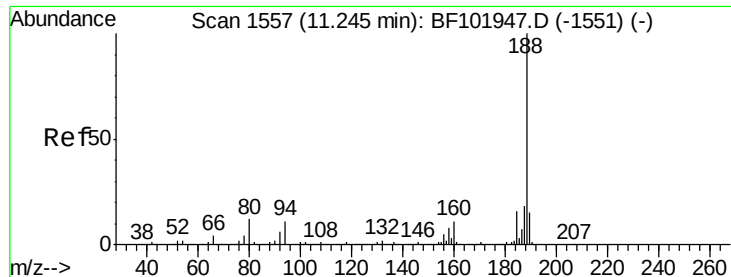
Sohil
1/22/2018 5:24:28 PM



#57
Fluorene
Concen: 10.239 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF102229.D
Acq: 19 Jan 2018 21:04

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.7	79.8	119.8
167	14.4	10.6	16.0





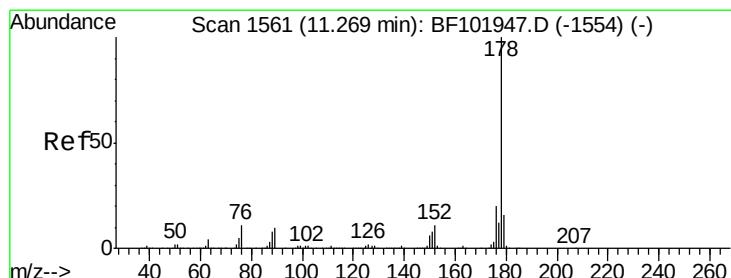
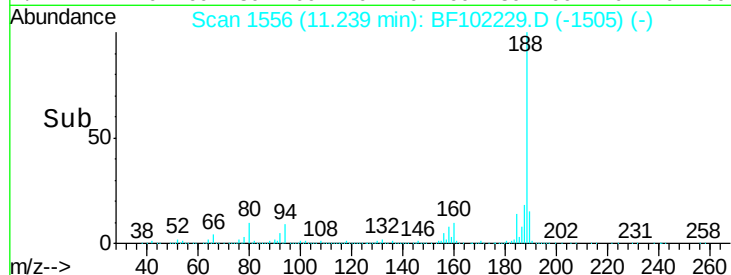
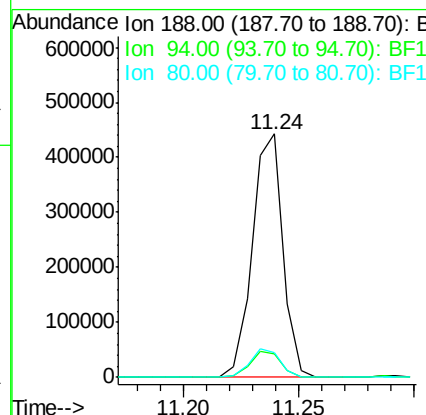
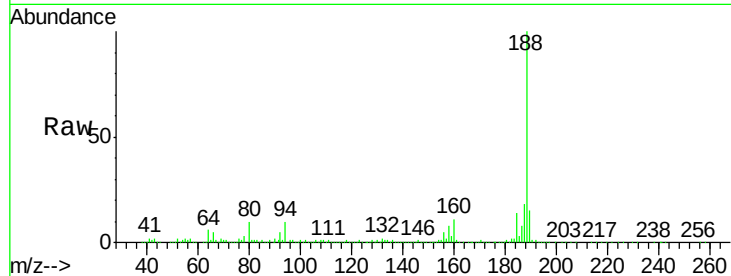
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102229.D
Acq: 19 Jan 2018 21:04

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-1-5

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.3	9.2	13.8

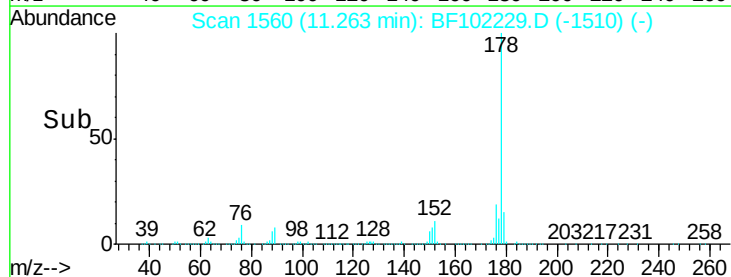
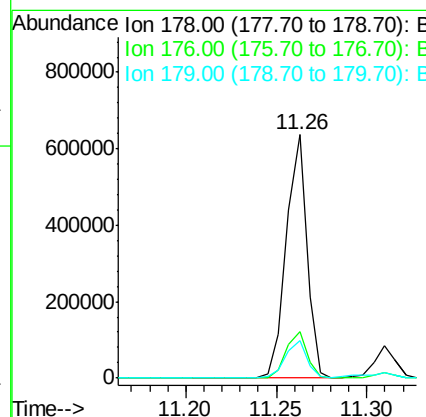
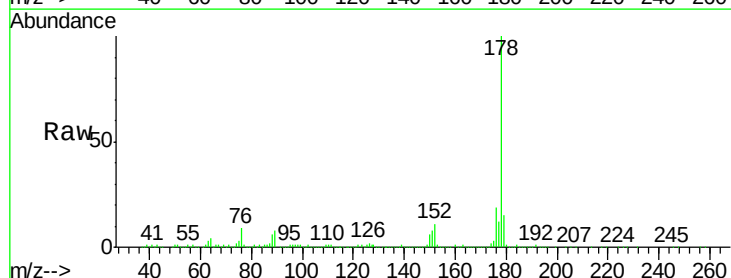
Manual Integrations
APPROVED

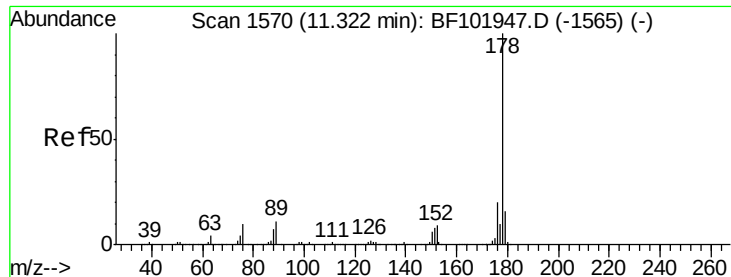
Sohil
1/22/2018 5:24:28 PM



#70
Phenanthrene
Concen: 21.246 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF102229.D
Acq: 19 Jan 2018 21:04

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.4	13.0	19.6





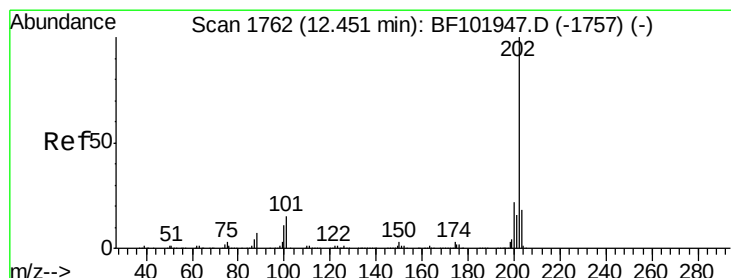
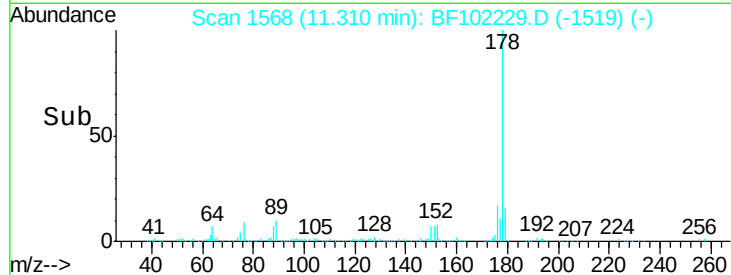
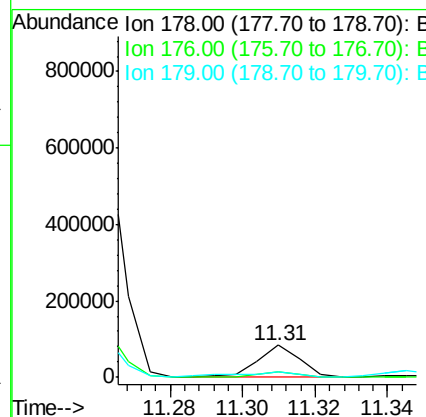
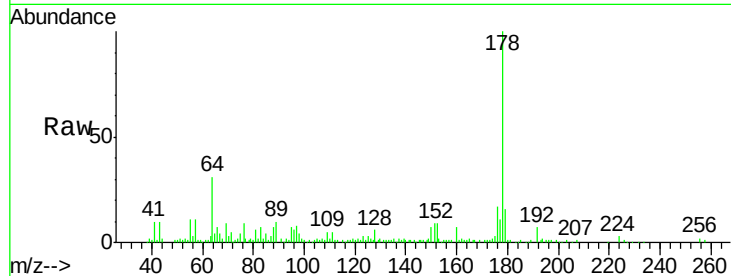
#71
 Anthracene
 Concen: 2.679 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF102229.D
 Acq: 19 Jan 2018 21:04

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-1-5

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.3	15.4	23.2
179	16.1	12.6	19.0

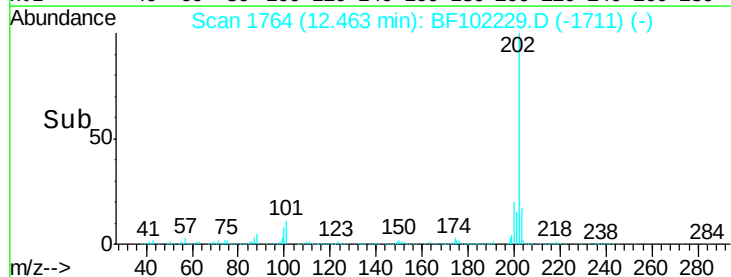
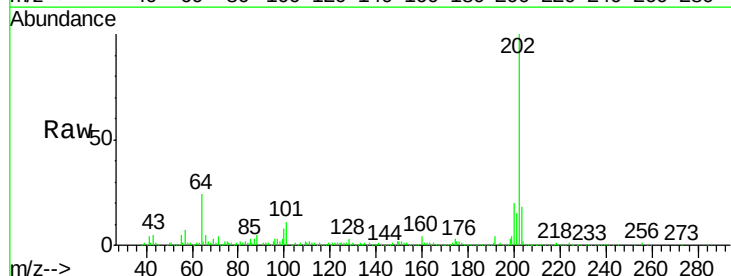
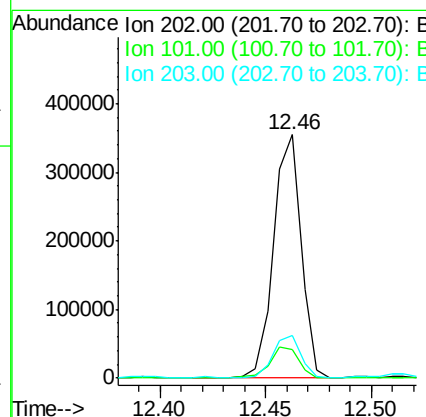
Manual Integrations
 APPROVED

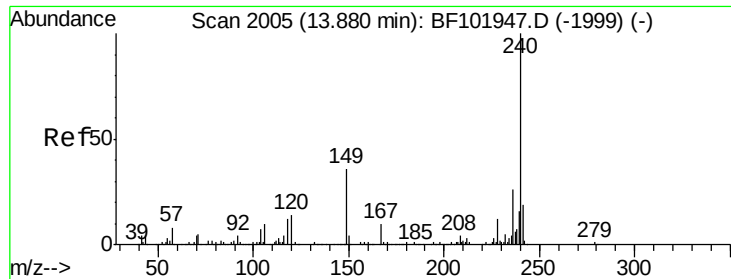
Sohil
 1/22/2018 5:24:28 PM



#74
 Fluoranthene
 Concen: 13.667 ng
 RT: 12.46 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: BF102229.D
 Acq: 19 Jan 2018 21:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF102229.D

Acq: 19 Jan 2018 21:04

Instrument :

BNA_F

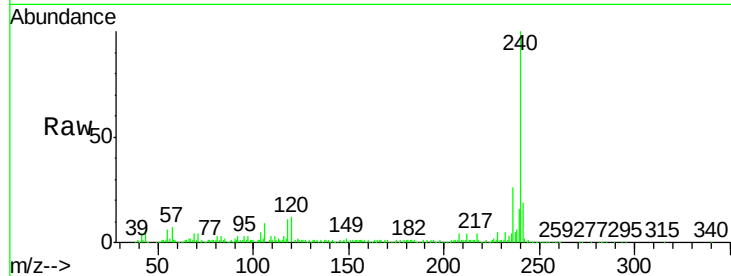
ClientSampleId :

ROLLOFF-1-5

Tot Ion:	240	Resp:	262184
Ion Ratio	Lower	Upper	
240	100		
120	11.9	9.5	14.3
236	25.7	20.7	31.1

Manual Integrations
APPROVED

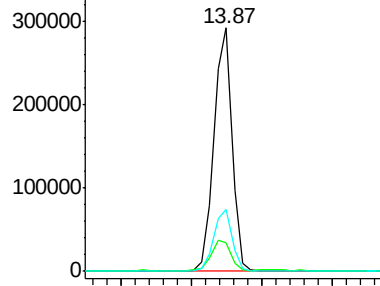
Sohil
1/22/2018 5:24:28 PM



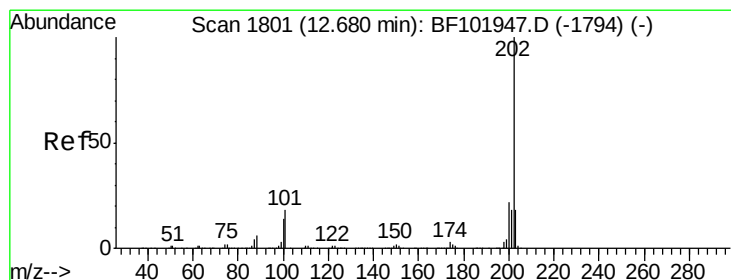
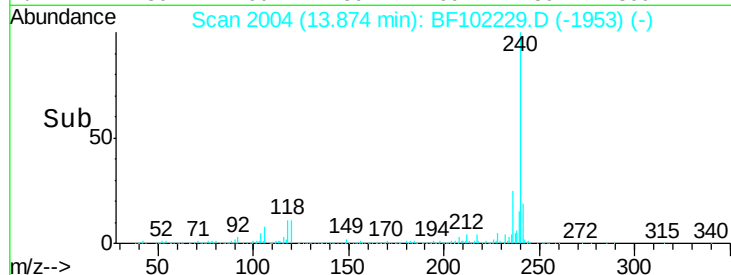
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#77

Pyrene

Concen: 10.832 ng

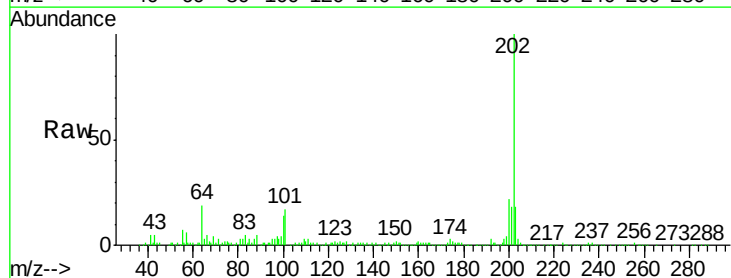
RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF102229.D

Acq: 19 Jan 2018 21:04

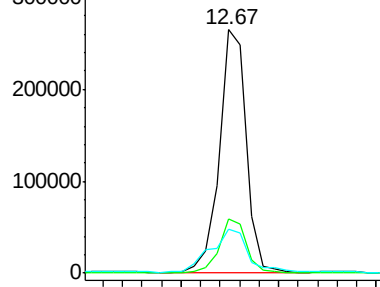
Tgt Ion:	202	Resp:	251029
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.4	26.2
203	18.2	14.3	21.5



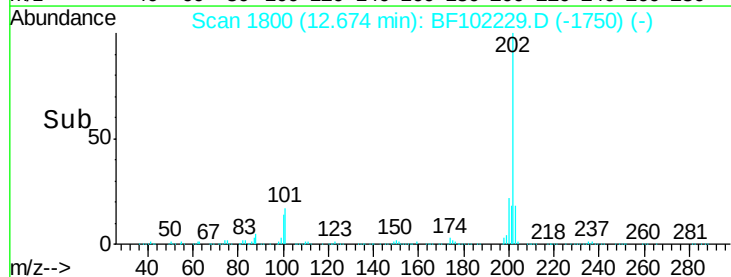
Abundance Ion 202.00 (201.70 to 202.70): E

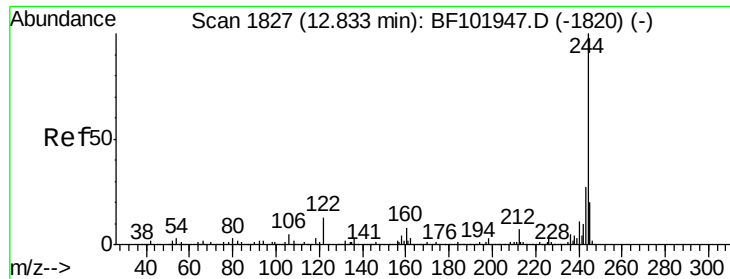
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





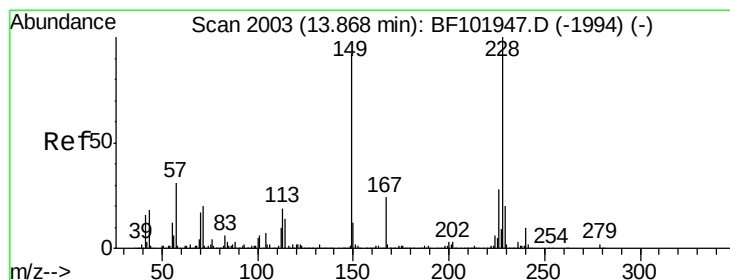
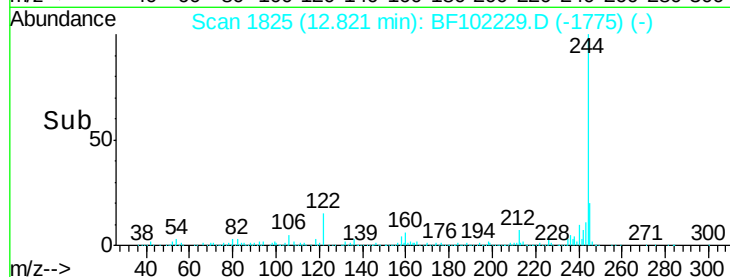
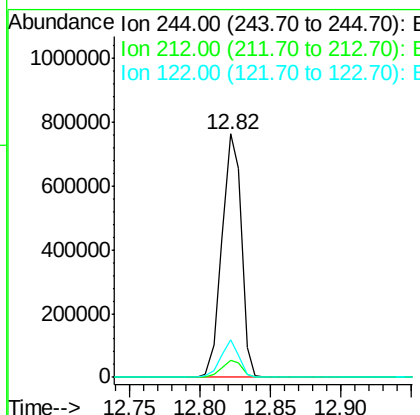
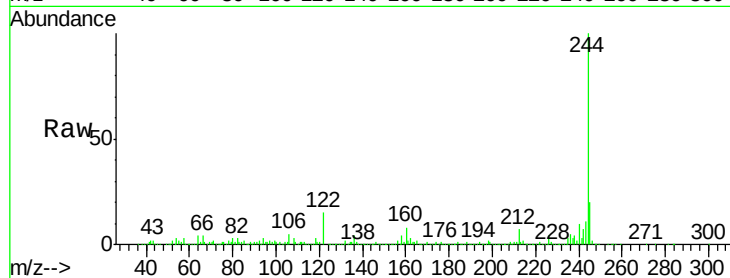
#78
 Terphenyl-d14
 Concen: 57.863 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102229.D
 Acq: 19 Jan 2018 21:04

Instrument :
 BNA_F
 ClientSampled :
 ROLLOFF-1-5

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	15.5	11.0	16.4

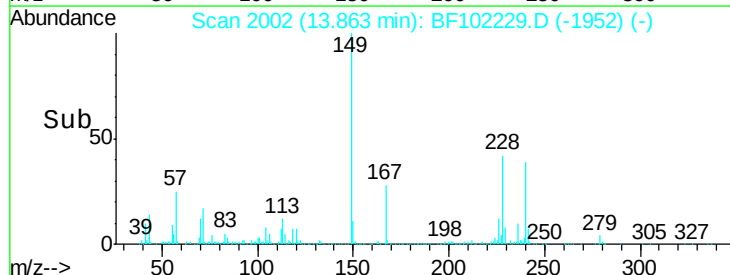
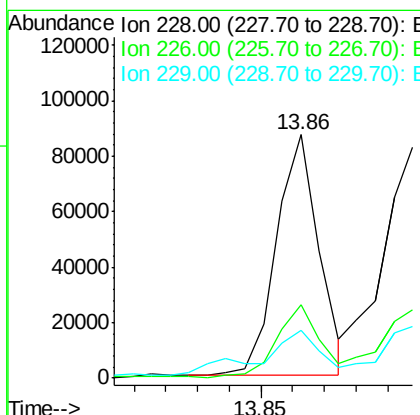
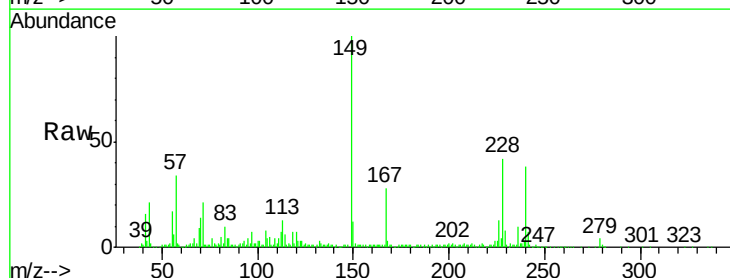
Manual Integrations
 APPROVED

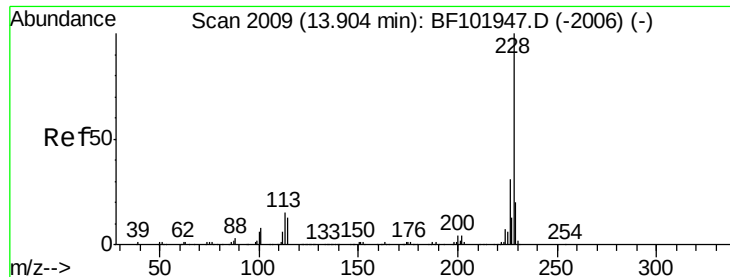
Sohil
 1/22/2018 5:24:28 PM



#80
 Benzo(a)anthracene
 Concen: 4.863 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF102229.D
 Acq: 19 Jan 2018 21:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	33.8
229	19.7	15.8	23.6





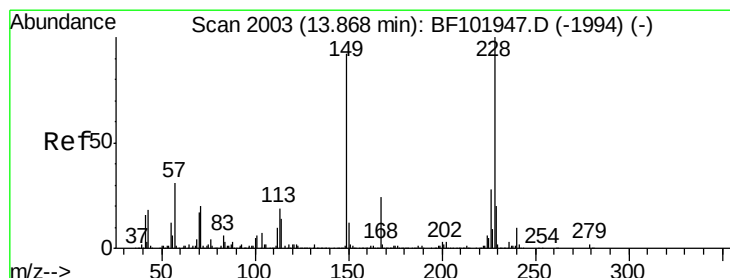
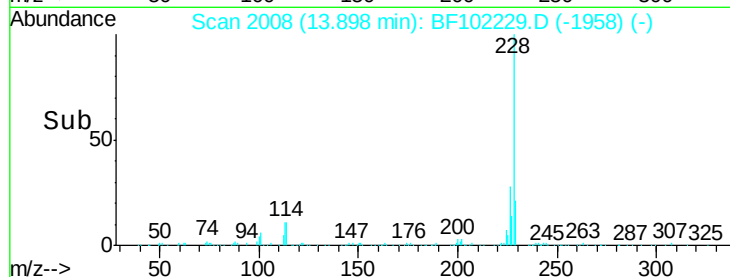
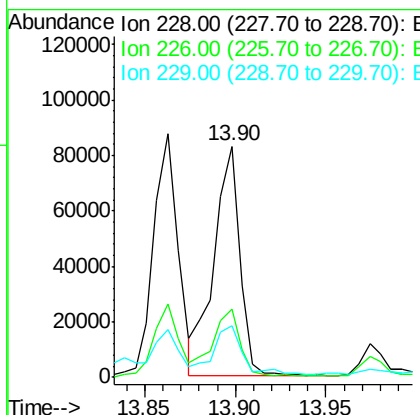
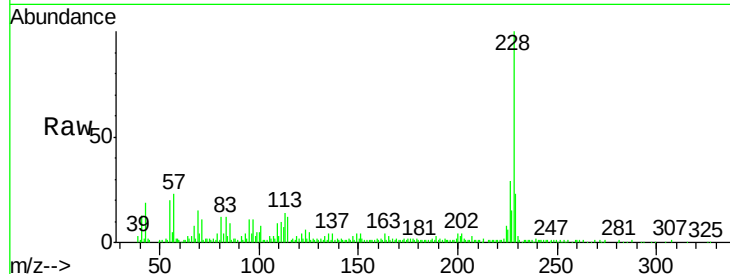
#82
Chrysene
Concen: 4.720 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF102229.D
Acq: 19 Jan 2018 21:04

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-1-5

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.0	37.6
229	22.6	16.2	24.4

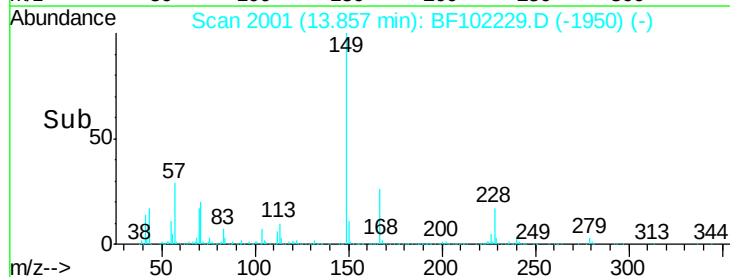
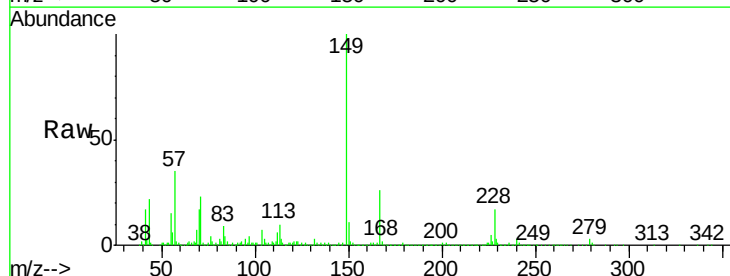
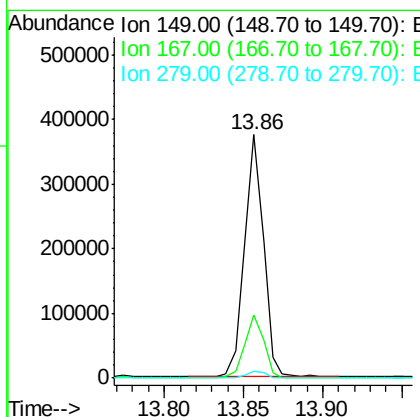
Manual Integrations
APPROVED

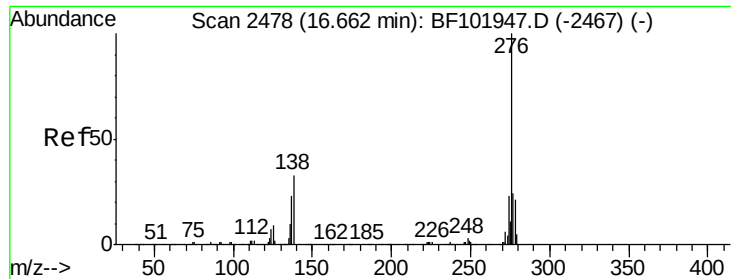
Sohil
1/22/2018 5:24:28 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 25.355 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF102229.D
Acq: 19 Jan 2018 21:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.3	31.9
279	2.7	3.0	4.4#





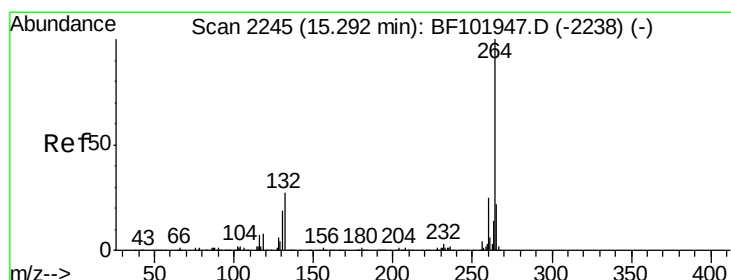
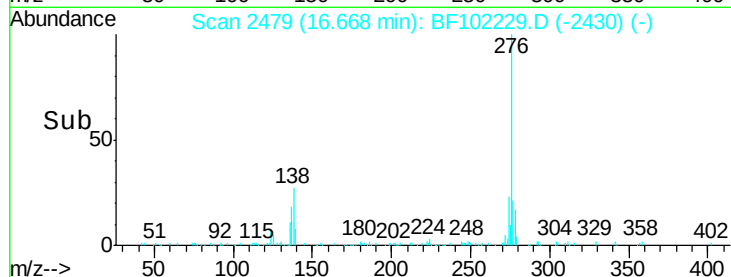
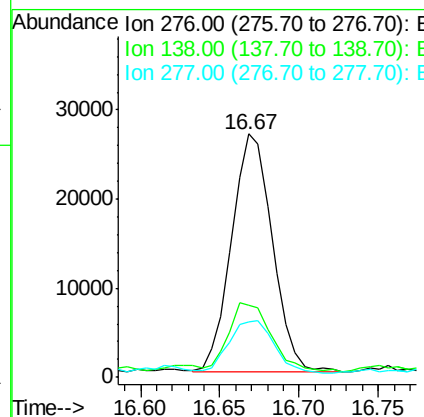
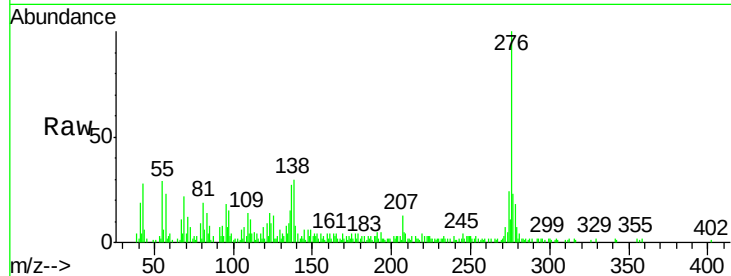
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.788 ng
 RT: 16.67 min Scan# 2479
 Delta R.T. -0.01 min
 Lab File: BF102229.D
 Acq: 19 Jan 2018 21:04

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-1-5

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.6	25.0	37.6
277	24.3	20.1	30.1

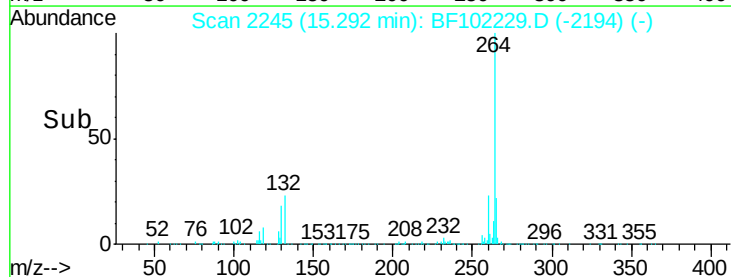
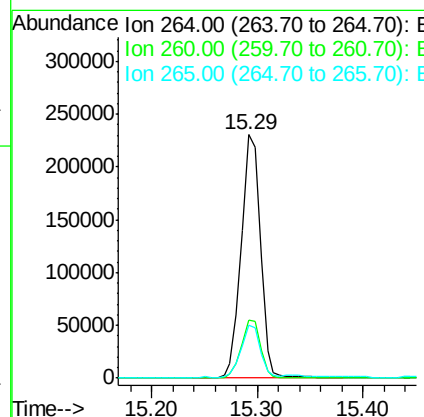
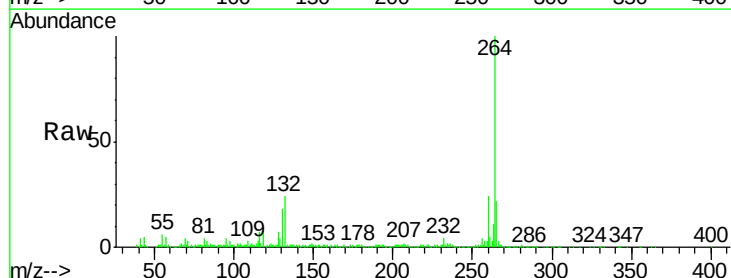
Manual Integrations
 APPROVED

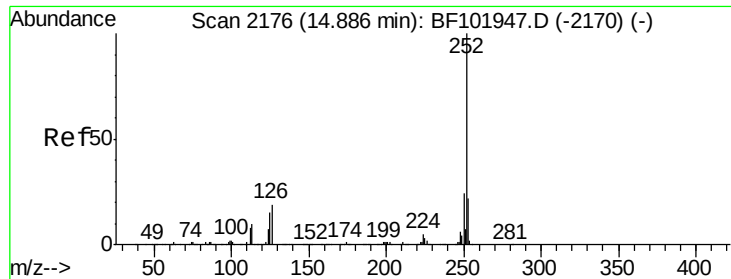
Sohil
 1/22/2018 5:24:28 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: BF102229.D
 Acq: 19 Jan 2018 21:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.0	17.5	26.3





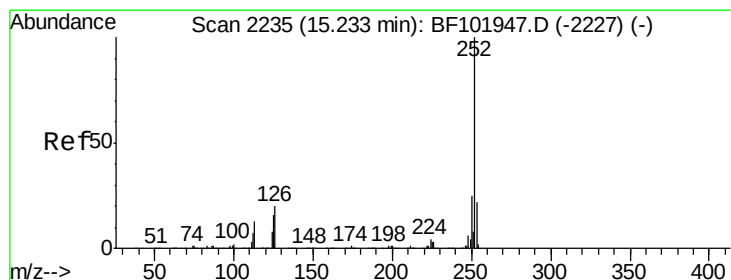
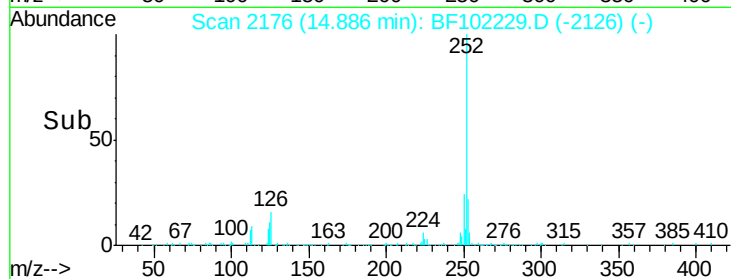
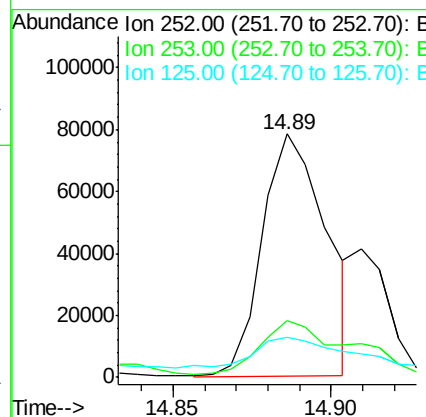
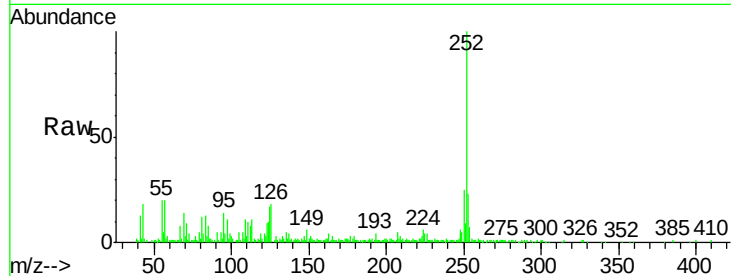
#87
Benzo(b)fluoranthene
Concen: 5.847 ng m
RT: 14.89 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF102229.D
Acq: 19 Jan 2018 21:04

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-1-5

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	16.7	9.0	13.6

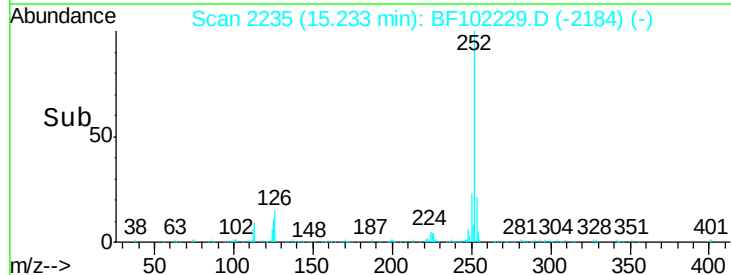
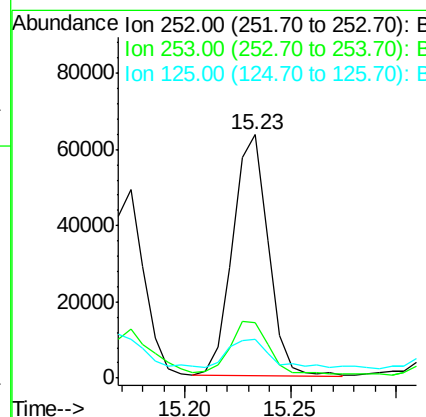
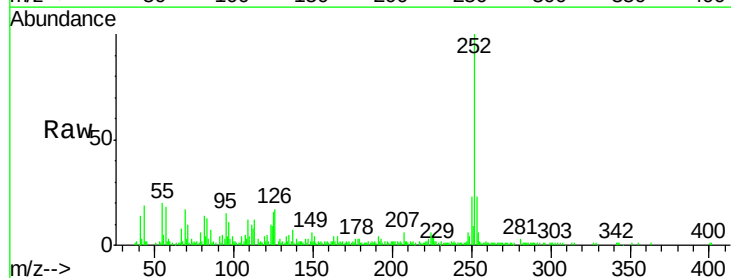
Manual Integrations
APPROVED

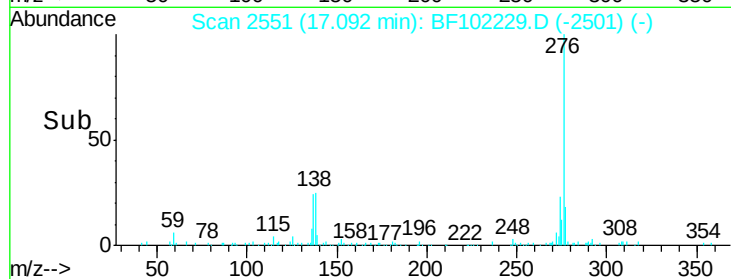
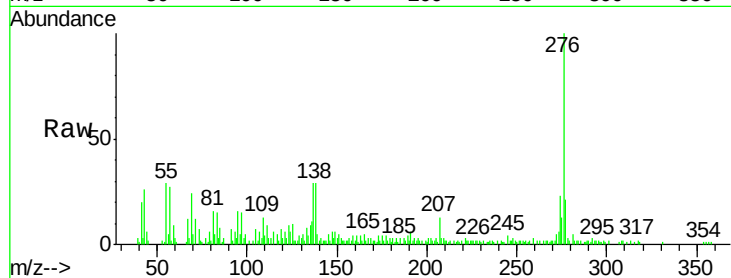
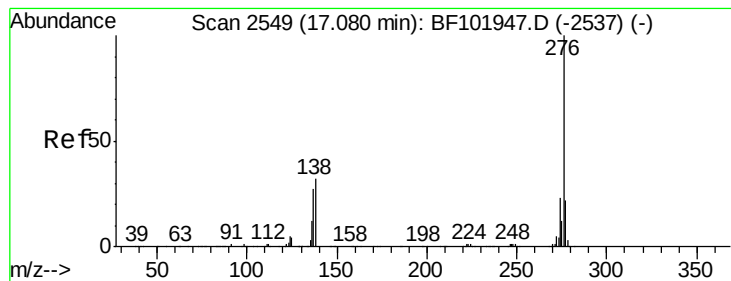
Sohil
1/22/2018 5:24:28 PM



#89
Benzo(a)pyrene
Concen: 4.295 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.00 min
Lab File: BF102229.D
Acq: 19 Jan 2018 21:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	15.8	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 3.485 ng
 RT: 17.09 min Scan# 2551
 Delta R.T. -0.01 min
 Lab File: BF102229.D
 Acq: 19 Jan 2018 21:04

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-1-5

Tot Ion	Ratio	Lower	Upper
276	100		
277	21.1	17.9	26.9
138	28.6	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 1/22/2018 5:24:28 PM

