

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
 Data File : BF103941.D
 Acq On : 26 Mar 2018 22:33
 Operator : JU/SJ
 Sample : J2044-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-LOC#1

Manual Integrations
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 3/27/2018 2:15:49 PM

Quant Time: Mar 27 11:14:06 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	146225	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	578221	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	263795	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	444742	20.00	ng	0.00
75) Chrysene-d12	14.16	240	285183	20.00	ng	0.00
86) Perylene-d12	15.71	264	270835	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	936926	97.46	ng	0.01
7) Phenol-d6	6.60	99	1170139	99.49	ng	0.00
23) Nitrobenzene-d5	7.54	82	702131	84.68	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	291963	128.72	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1245751	75.33	ng	0.00
78) Terphenyl-d14	13.10	244	1038437	84.52	ng	0.00
Target Compounds						
10) Phenol	6.61	94	71470	5.718	ng	97
49) Dimethylphthalate	9.72	163	116823	5.805	ng	98
74) Fluoranthene	12.73	202	65816	2.626	ng	96
77) Pyrene	12.96	202	63397	3.027	ng	97
80) Benzo(a)anthracene	14.15	228	38724m	2.145	ng	
82) Chrysene	14.19	228	37855m	2.200	ng	
87) Benzo(b)fluoranthene	15.24	252	46820m	2.736	ng	
89) Benzo(a)pyrene	15.64	252	36447	2.348	ng	# 90

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

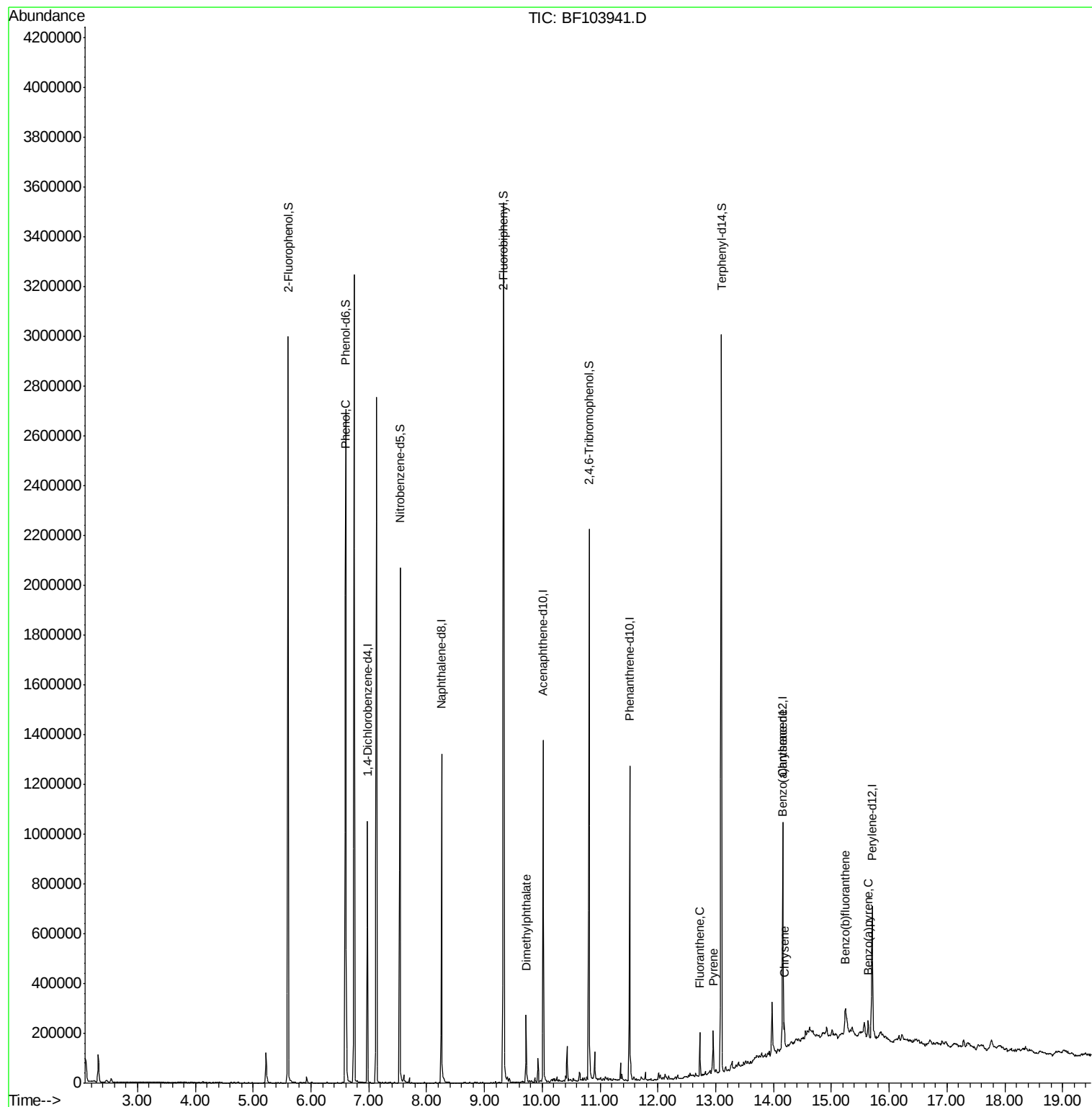
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103941.D
Acq On : 26 Mar 2018 22:33
Operator : JU/SJ
Sample : J2044-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

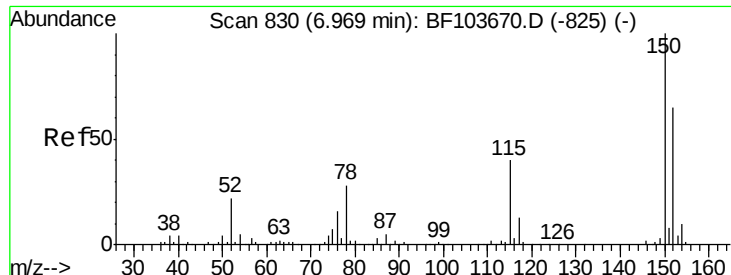
Instrument :
BNA_F
ClientSampled :
TEST-PIT-LOC#1

Manual Integrations
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Quant Time: Mar 27 11:14:06 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





#1

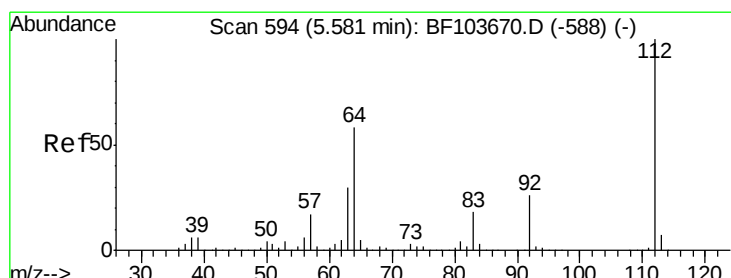
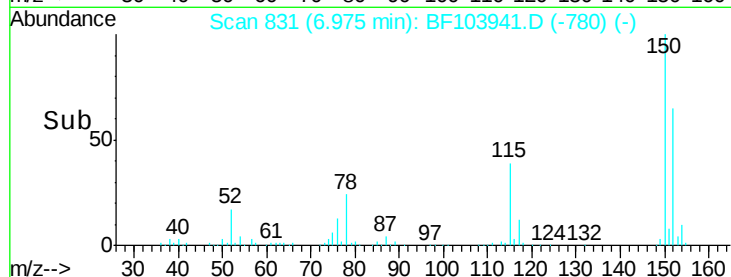
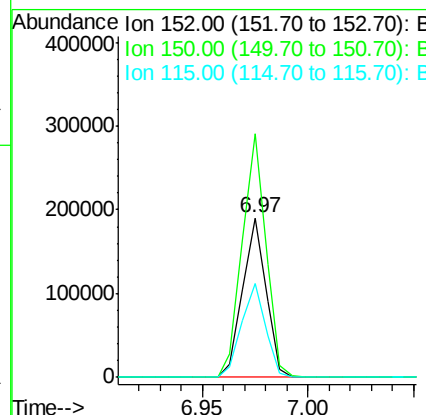
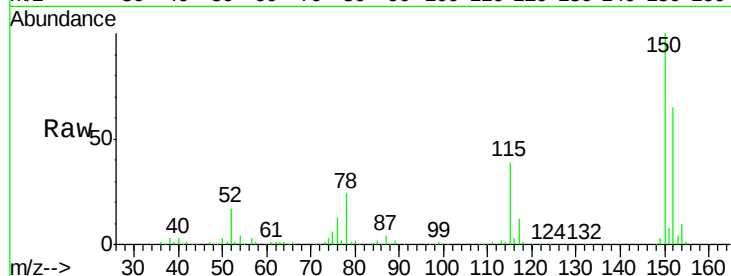
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103941.D
Acq: 26 Mar 2018 22:33

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-LOC#1

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.6	186.8
115	59.2	50.1	75.1

Manual Integrations
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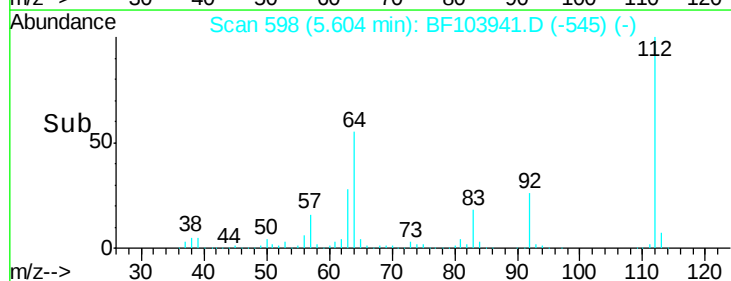
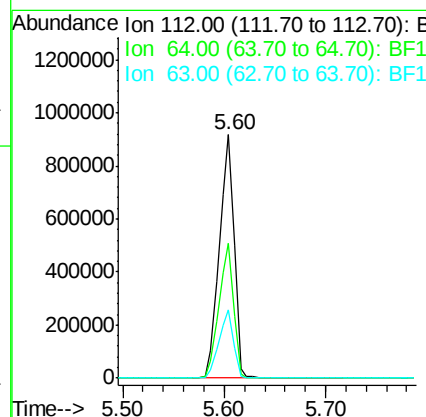
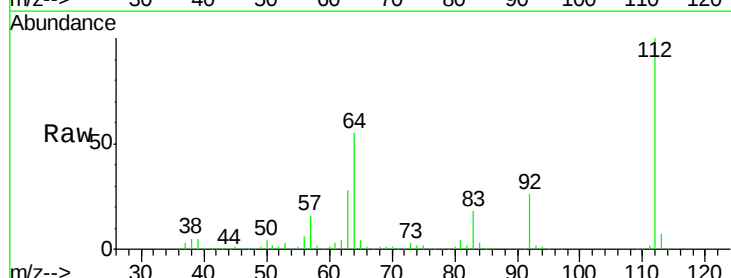
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#5

2-Fluorophenol
Concen: 97.457 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF103941.D
Acq: 26 Mar 2018 22:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	47.9	71.9
63	27.8	23.7	35.5





#7

Phenol-d6

Concen: 99.487 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF103941.D

Acq: 26 Mar 2018 22:33

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-LOC#1

Tot Ion: 99 Resp: 1170139

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

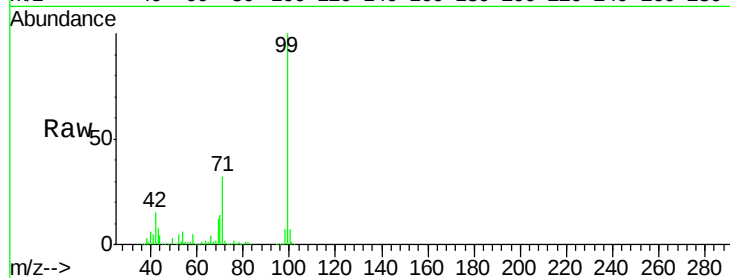
71 32.4 25.4 38.0

Manual Integrations

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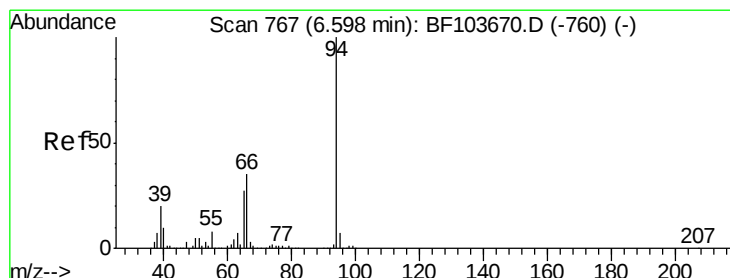
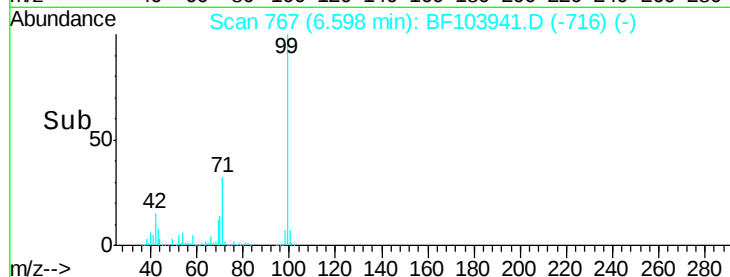
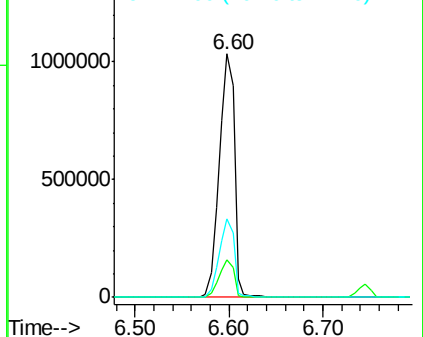
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 5.718 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF103941.D

Acq: 26 Mar 2018 22:33

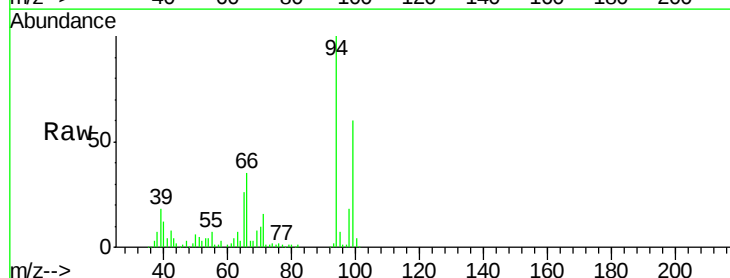
Tgt Ion: 94 Resp: 71470

Ion Ratio Lower Upper

94 100

65 25.6 7.9 47.9

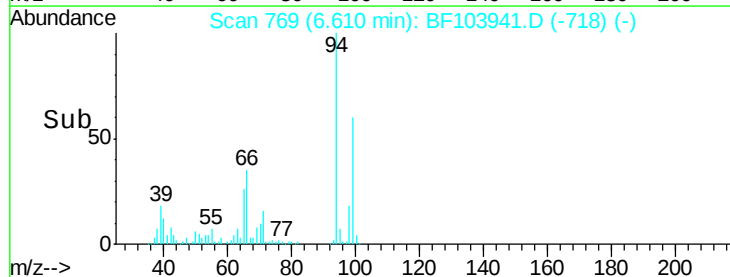
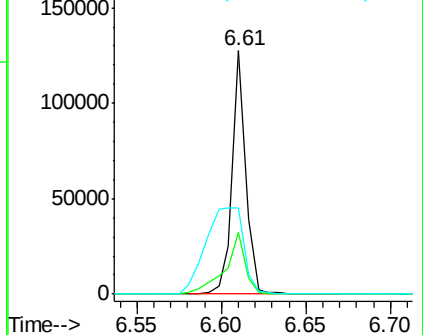
66 35.3 16.2 56.2

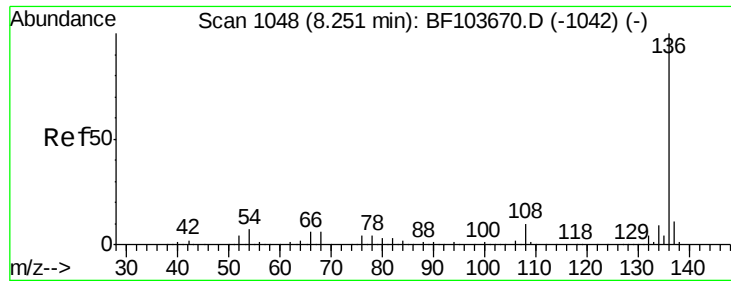


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





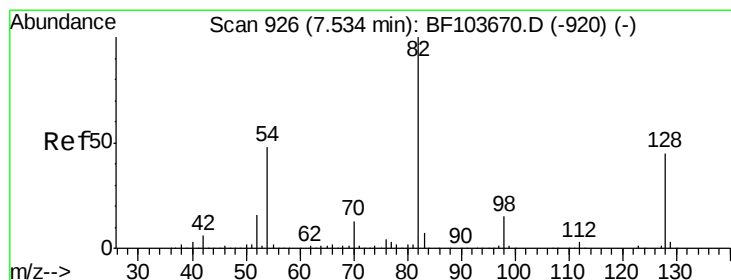
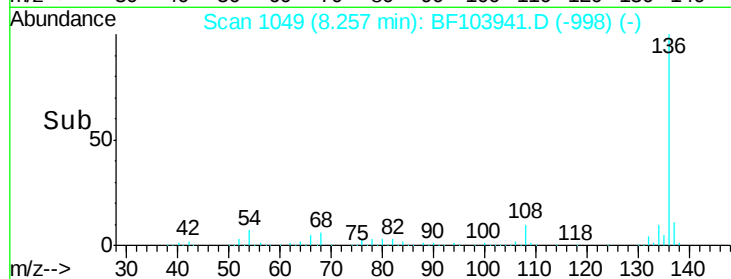
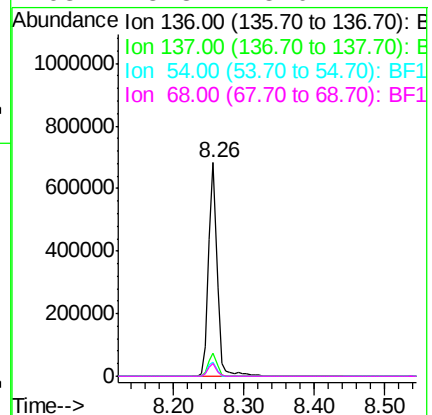
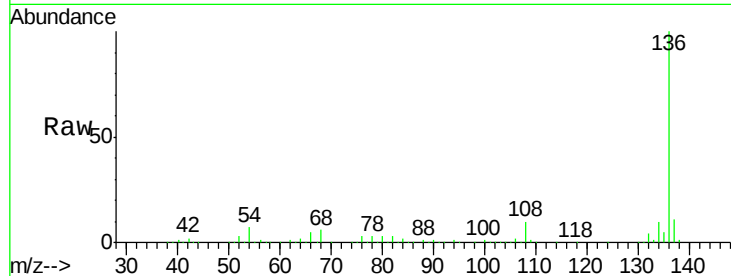
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF103941.D
Acq: 26 Mar 2018 22:33

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-LOC#1

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		578221		
137	10.8		8.9	13.3	
54	6.8		6.6	9.8	
68	5.8		5.0	7.4	

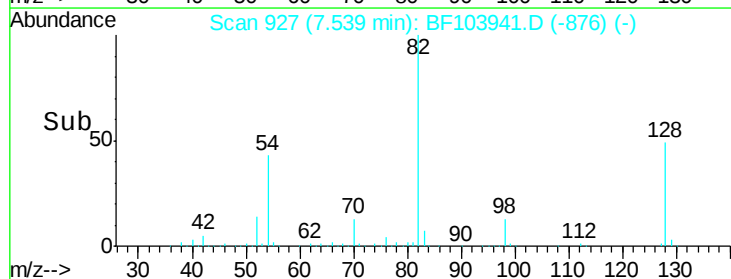
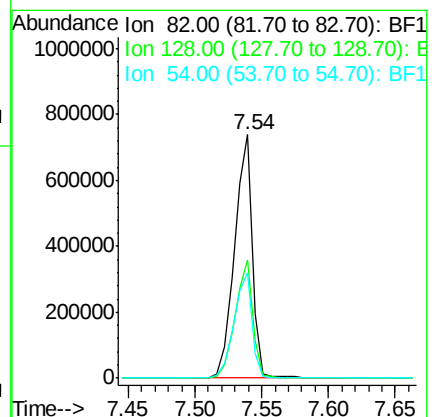
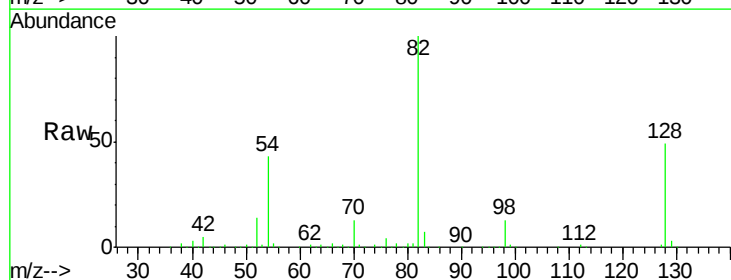
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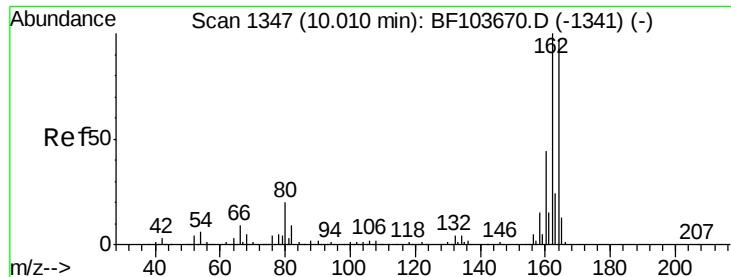
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#23
Nitrobenzene-d5
Concen: 84.680 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF103941.D
Acq: 26 Mar 2018 22:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		702131		
128	48.7		36.1	54.1	
54	43.3		41.4	62.2	





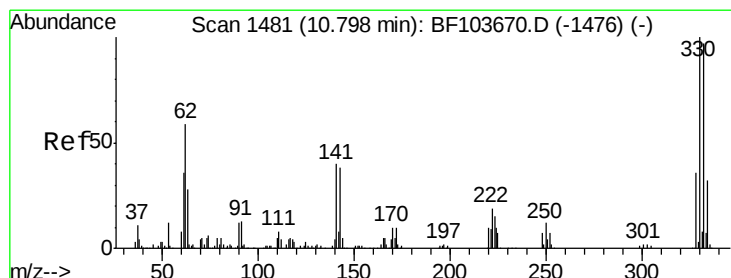
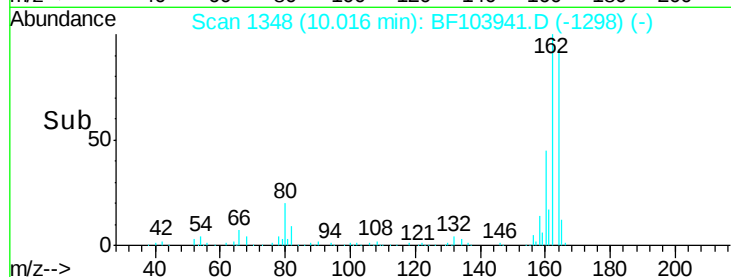
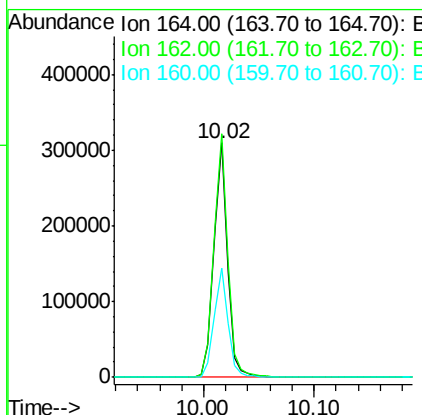
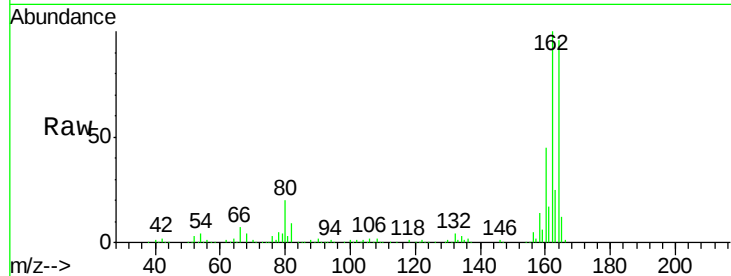
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF103941.D
 Acq: 26 Mar 2018 22:33

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-LOC#1

Tot Ion	Ratio	Resp	Lower	Upper
164	100	263795		
162	103.9	86.1	129.1	
160	46.4	38.3	57.5	

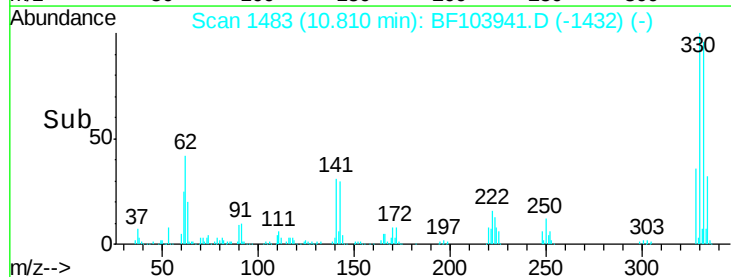
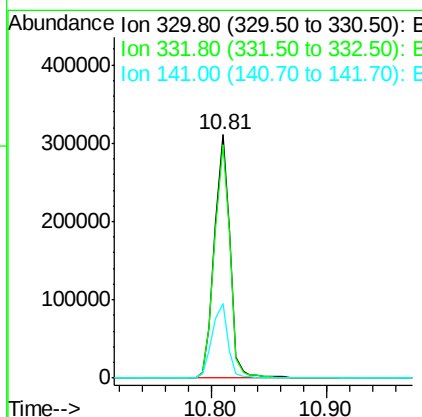
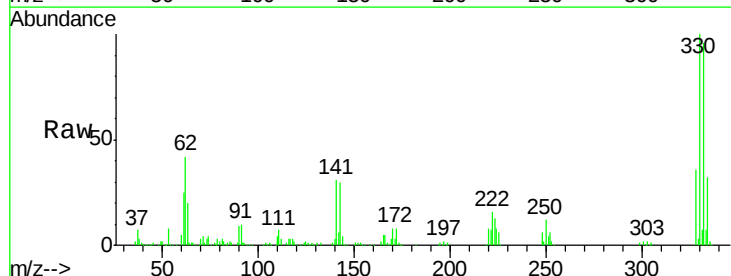
Manual Integrations
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#41
 2,4,6-Tribromophenol
 Concen: 128.724 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF103941.D
 Acq: 26 Mar 2018 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	291963		
332	96.6	77.0	115.6	
141	31.5	29.9	44.9	





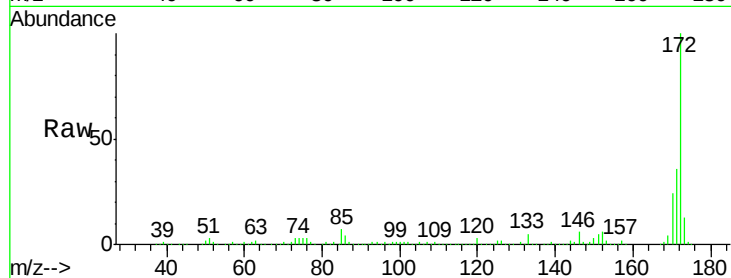
#44
2-Fluorobiphenyl
Concen: 75.330 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF103941.D
Acq: 26 Mar 2018 22:33

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-LOC#1

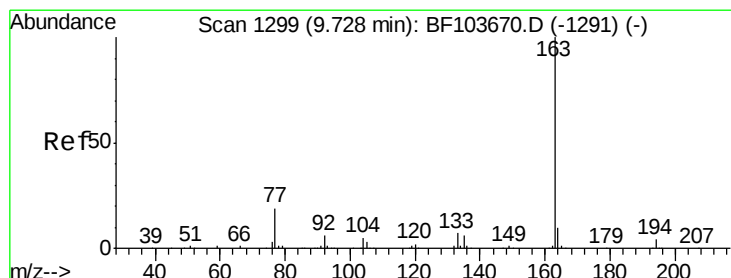
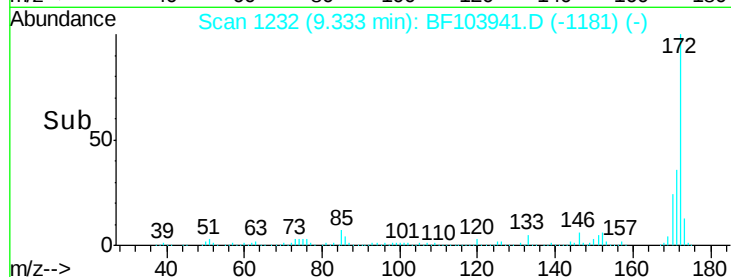
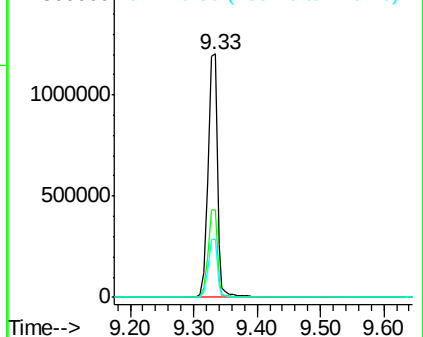
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.1	19.6	29.4

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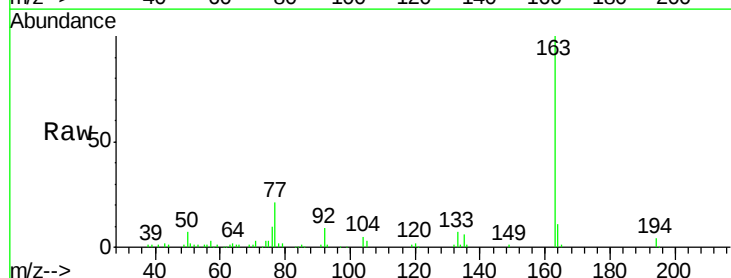


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

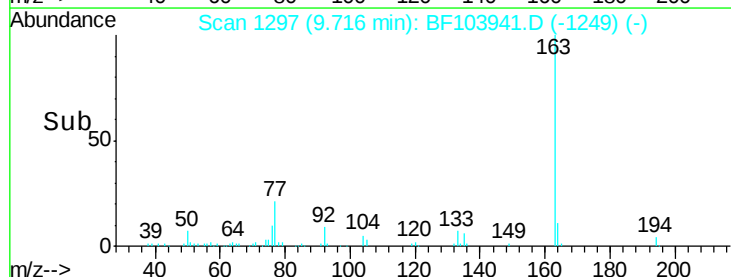
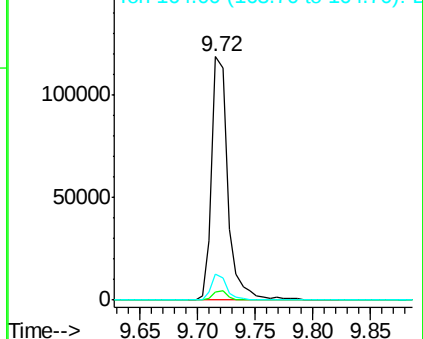


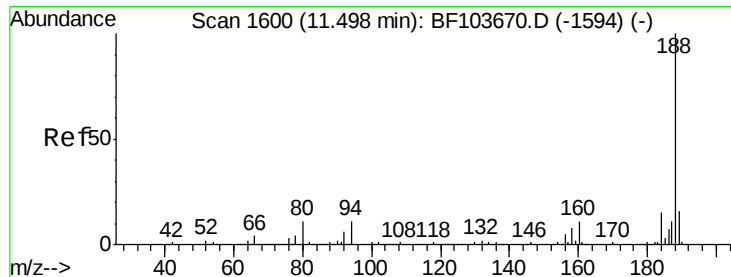
#49
Dimethylphthalate
Concen: 5.805 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF103941.D
Acq: 26 Mar 2018 22:33

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.9	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





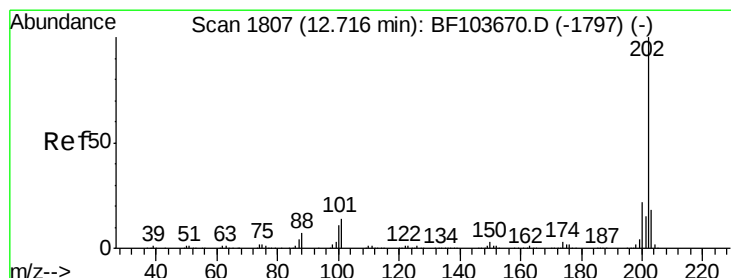
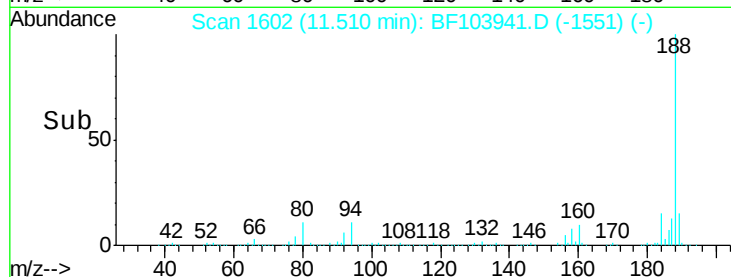
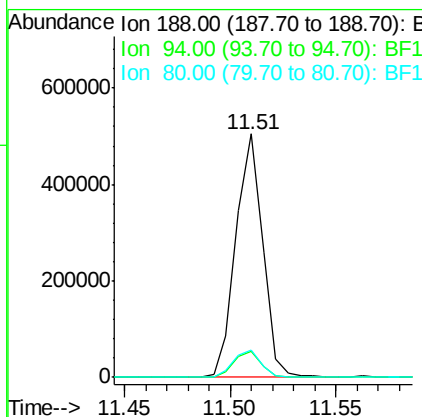
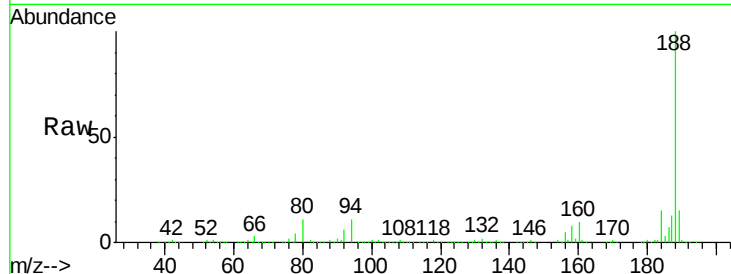
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF103941.D
Acq: 26 Mar 2018 22:33

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-LOC#1

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.1	9.2	13.8

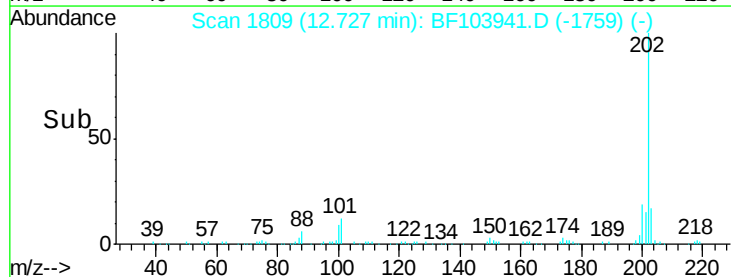
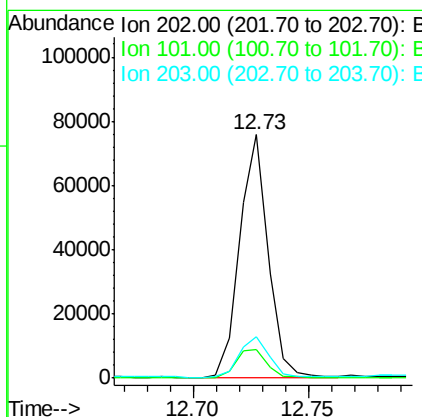
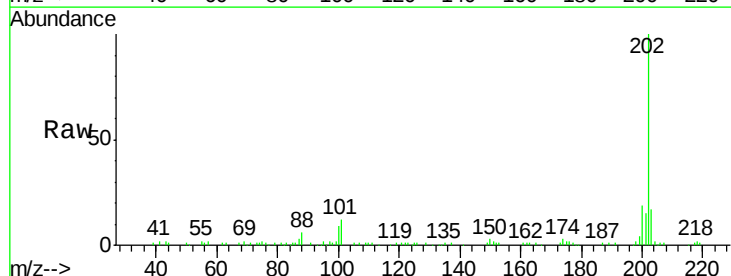
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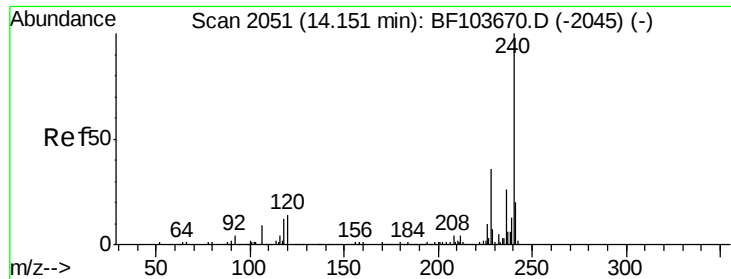
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#74
Fluoranthene
Concen: 2.626 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF103941.D
Acq: 26 Mar 2018 22:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	34.1
203	16.8	0.0	38.1





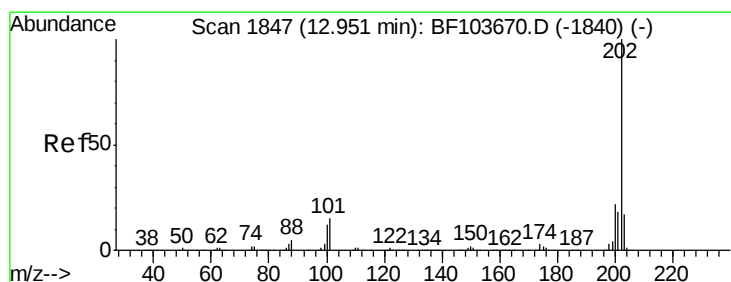
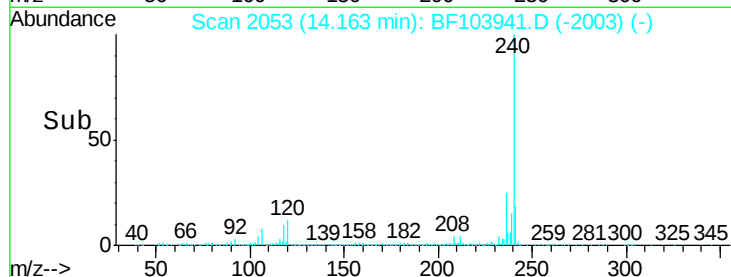
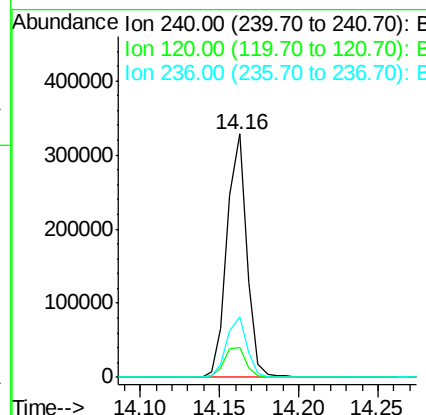
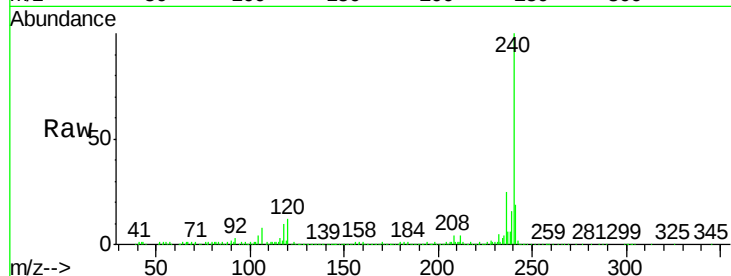
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF103941.D
Acq: 26 Mar 2018 22:33

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-LOC#1

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.5	14.3
236	25.0	20.7	31.1

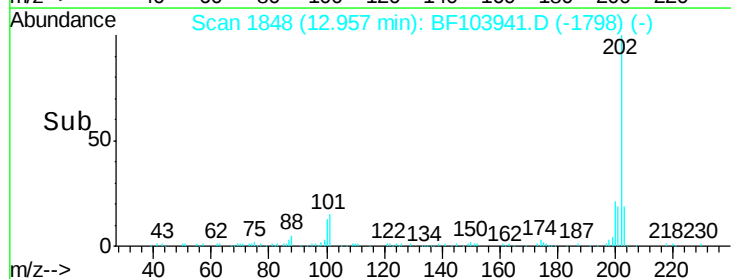
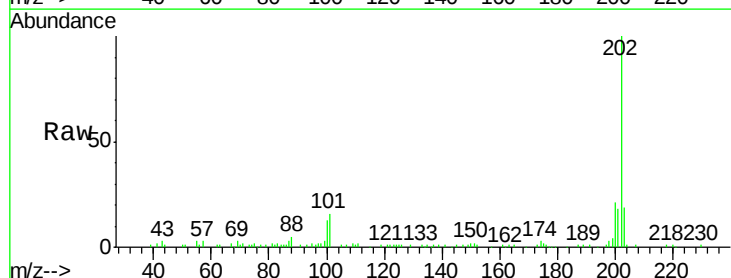
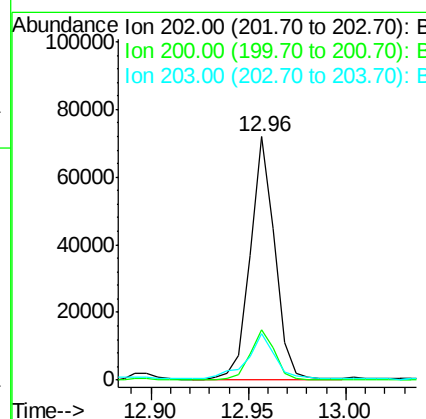
Manual Integrations
APPROVED

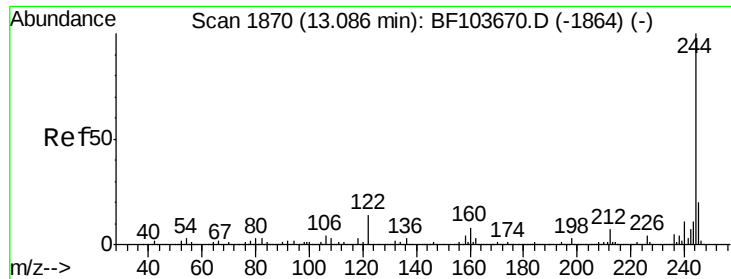
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#77
Pyrene
Concen: 3.027 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF103941.D
Acq: 26 Mar 2018 22:33

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	19.3	14.3	21.5





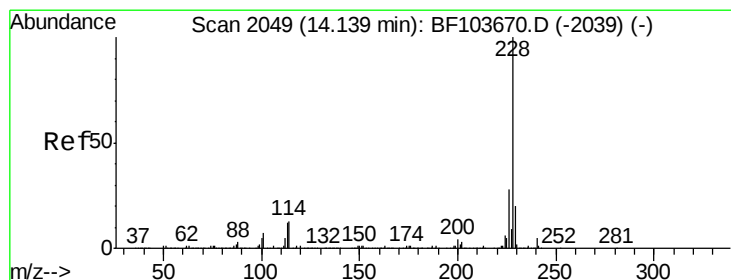
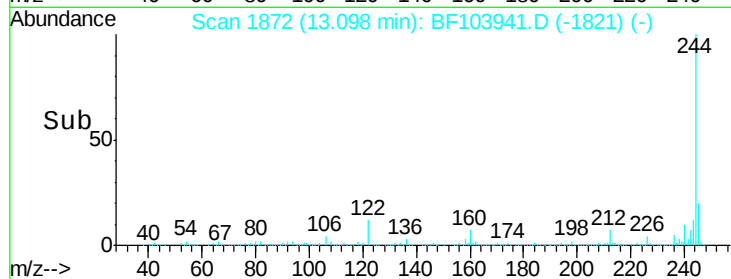
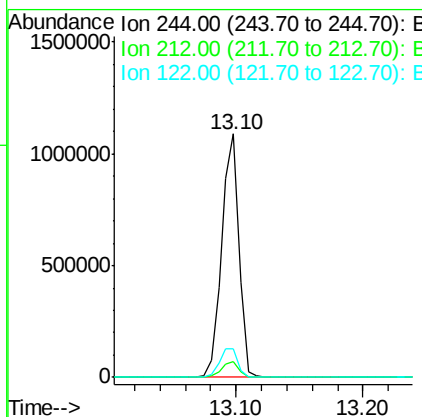
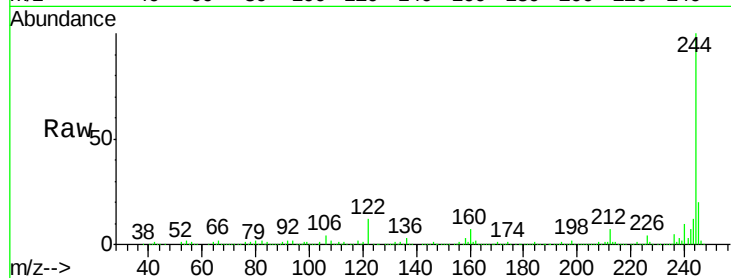
#78
 Terphenyl-d14
 Concen: 84.520 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: BF103941.D
 Acq: 26 Mar 2018 22:33

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-LOC#1

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.8	11.0	16.4

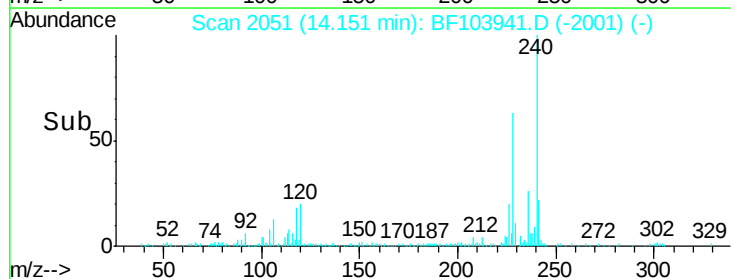
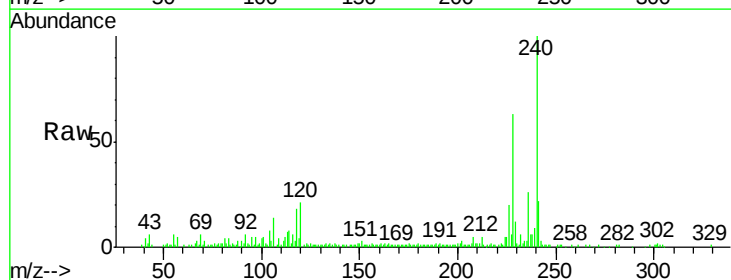
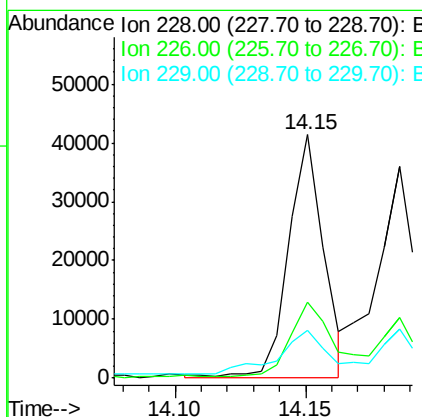
Manual Integrations
 APPROVED

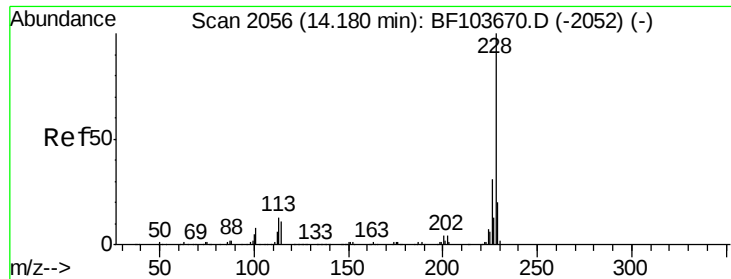
Sohil
 3/27/2018 2:15:49 PM



#80
 Benzo(a)anthracene
 Concen: 2.145 ng m
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF103941.D
 Acq: 26 Mar 2018 22:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.6	33.8
229	19.8	15.8	23.6





#82

Chrysene

Concen: 2.200 ng

RT: 14.19 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BF103941.D

Acq: 26 Mar 2018 22:33

Instrument :

BNA_F

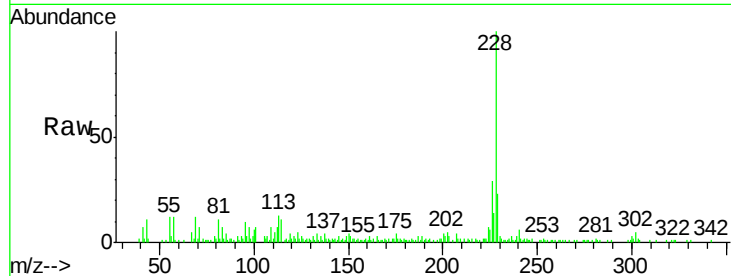
ClientSampleId :

TEST-PIT-LOC#1

Tot Ion:	228	Resp:	37855
Ion Ratio	Lower	Upper	
228	100		
226	28.6	25.0	37.6
229	23.1	16.2	24.4

Manual Integrations
APPROVED

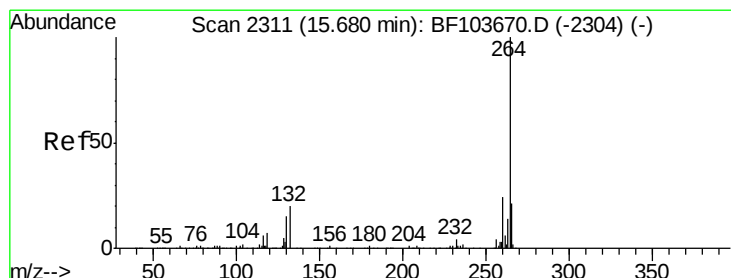
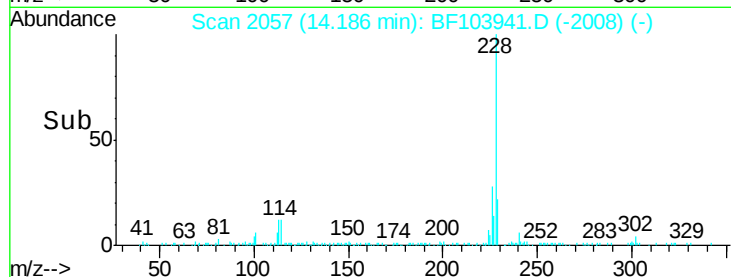
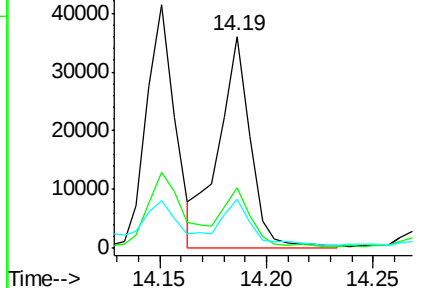
Sohil
3/27/2018 2:15:49 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2316

Delta R.T. -0.00 min

Lab File: BF103941.D

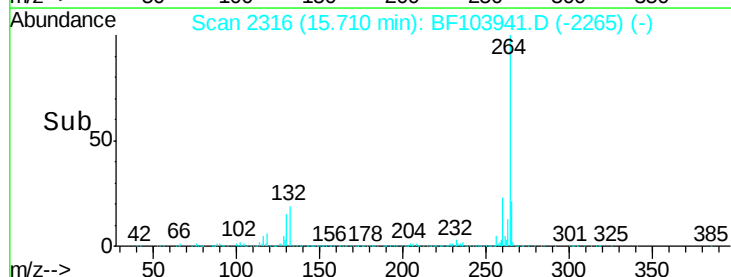
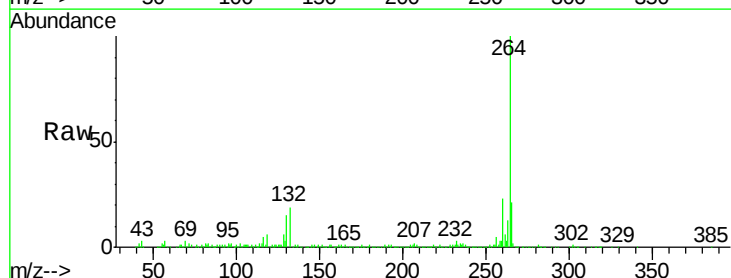
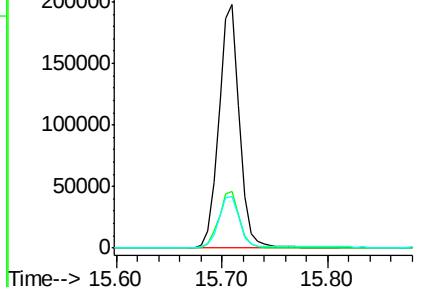
Acq: 26 Mar 2018 22:33

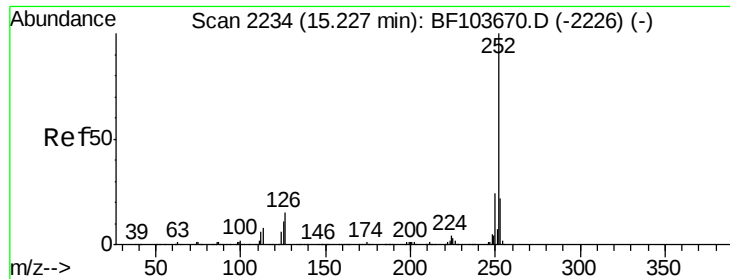
Tgt Ion:	264	Resp:	270835
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.2	28.8
265	21.1	17.5	26.3

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





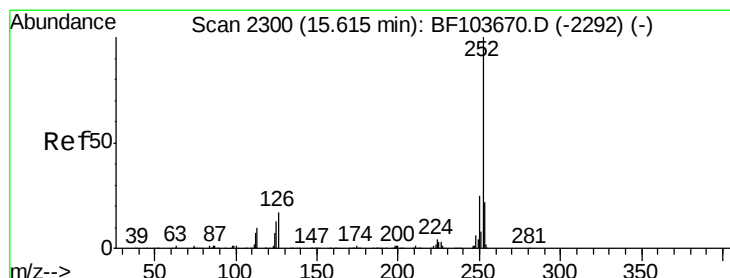
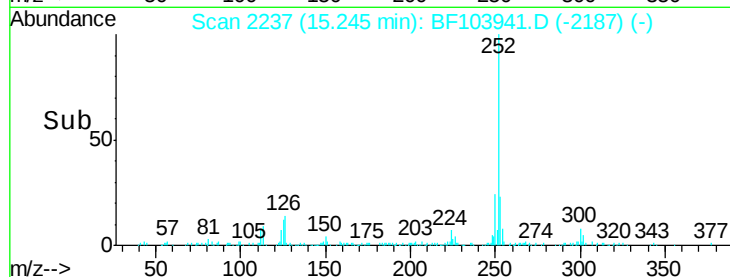
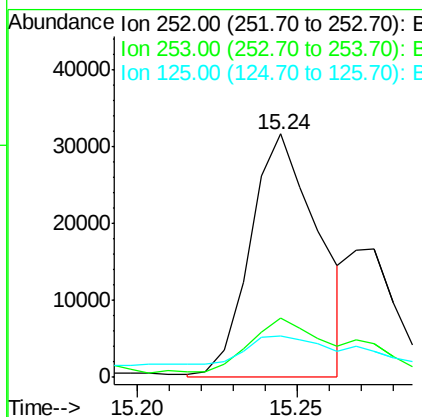
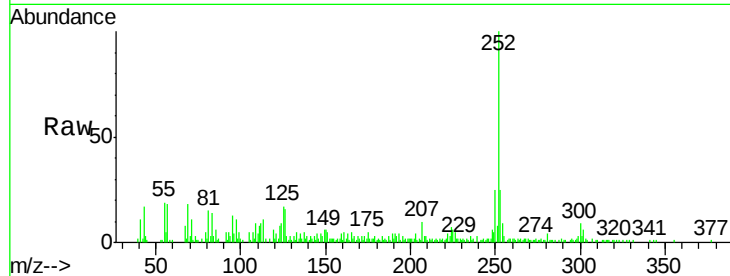
#87
Benzo(b)fluoranthene
Concen: 2.736 ng m
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF103941.D
Acq: 26 Mar 2018 22:33

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-LOC#1

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.0	25.6
125	17.1	9.0	13.6

Manual Integrations
APPROVED

Sohil
3/27/2018 2:15:49 PM



#89
Benzo(a)pyrene
Concen: 2.348 ng
RT: 15.64 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BF103941.D
Acq: 26 Mar 2018 22:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.1	25.7
125	15.8	9.8	14.6

