

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
 Data File : BF103973.D
 Acq On : 27 Mar 2018 16:51
 Operator : JU/SJ
 Sample : J1760-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-032318-A

Manual Integrations
 APPROVED

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Quant Time: Mar 28 04:46:24 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	161073	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	633370	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	280600	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	453464	20.00	ng	0.00
75) Chrysene-d12	14.16	240	302911	20.00	ng	-0.01
86) Perylene-d12	15.70	264	277720	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1053561	99.49	ng	0.02
7) Phenol-d6	6.60	99	1245967	96.17	ng	0.00
23) Nitrobenzene-d5	7.53	82	763023	84.01	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	281803	116.80	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1154449	65.63	ng	0.00
78) Terphenyl-d14	13.09	244	880638	67.48	ng	-0.01
Target Compounds						
10) Phenol	6.62	94	31557	2.292	ng	# 55
49) Dimethylphthalate	9.72	163	66116	3.088	ng	# 99
74) Fluoranthene	12.72	202	67189	2.629	ng	98
77) Pyrene	12.95	202	78435	3.526	ng	98
87) Benzo(b)fluoranthene	15.24	252	41418m	2.361	ng	

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

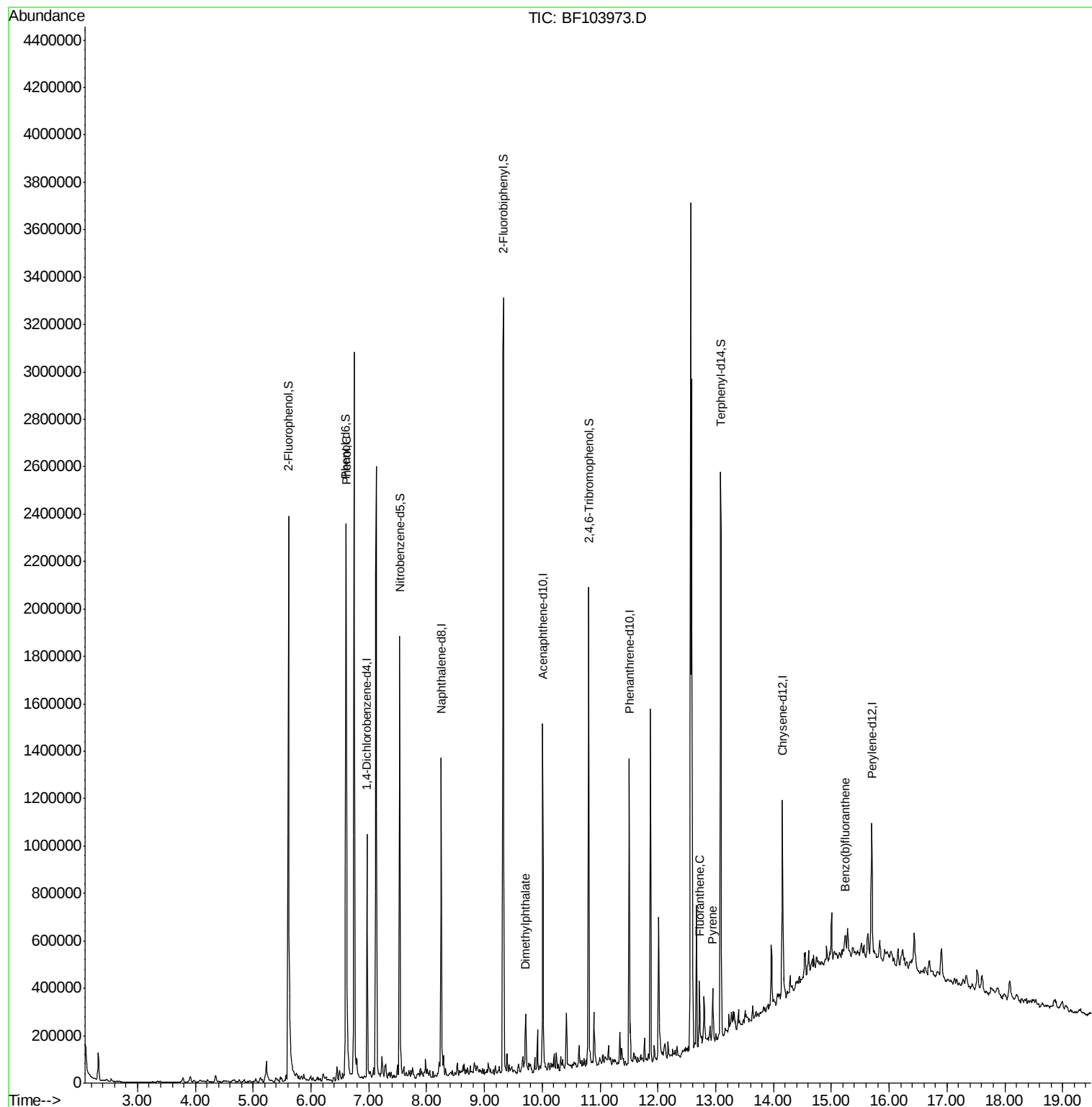
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103973.D
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Sample : J1760-05
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ALS Vial : 5 Sample Multiplier: 1

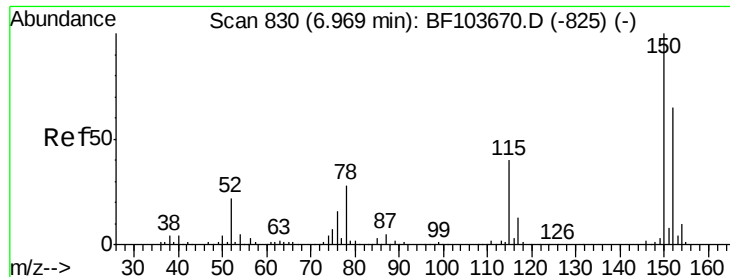
Instrument :
BNA_F
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SU-04-032318-A

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Quant Time: Mar 28 04:46:24 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

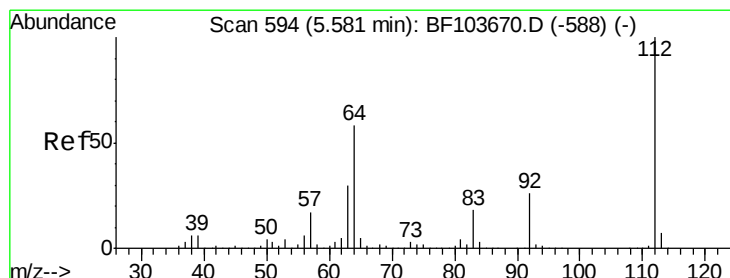
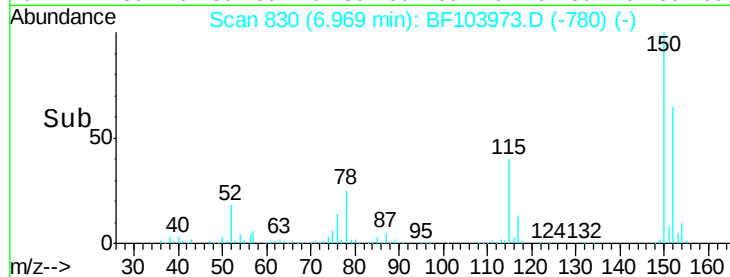
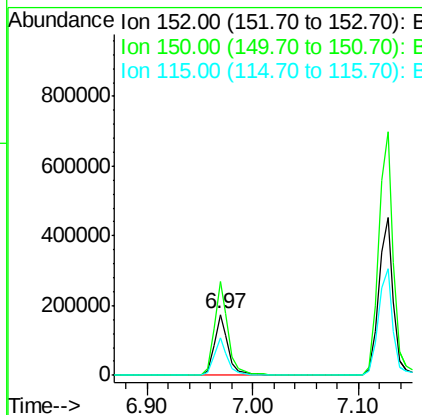
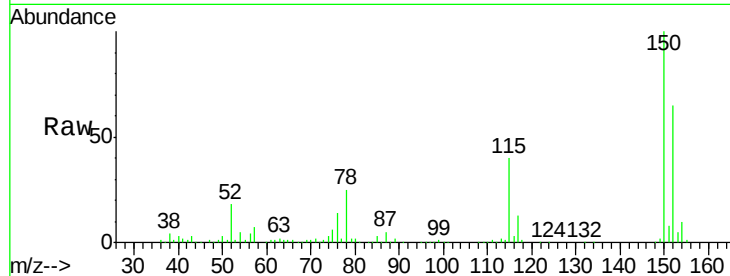
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF103973.D
Acq: 27 Mar 2018 16:51

Instrument :
BNA_F
ClientSampleId :
SU-04-032318-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	62.3	50.1	75.1

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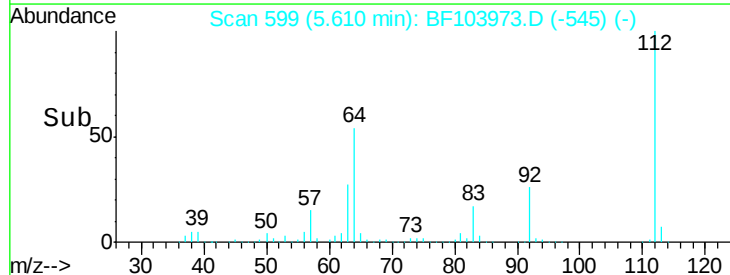
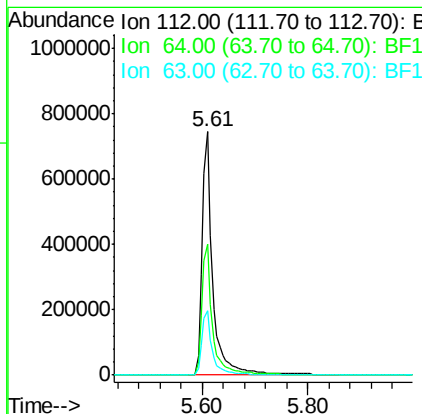
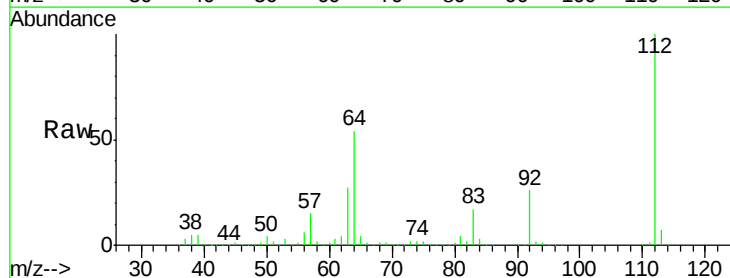
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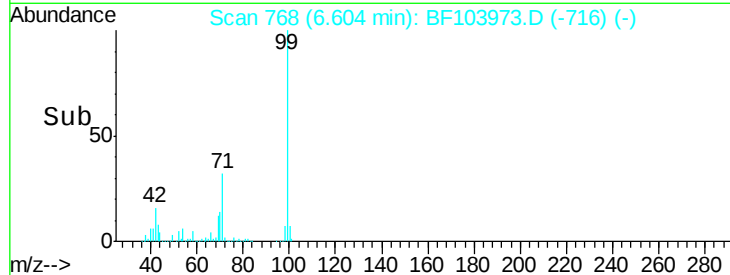
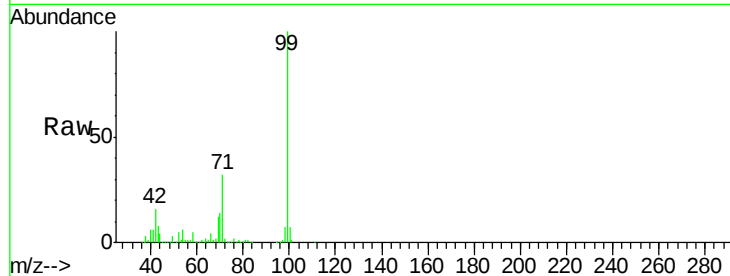


#5

2-Fluorophenol
Concen: 99.487 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.02 min
Lab File: BF103973.D
Acq: 27 Mar 2018 16:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	47.9	71.9
63	26.7	23.7	35.5





#7

Phenol-d6

Concen: 96.168 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF103973.D

Acq: 27 Mar 2018 16:51

Tot Ion:	99	Resp:	1245967
Ion	Ratio	Lower	Upper
99	100		
42	15.6	14.5	21.7
71	32.4	25.4	38.0

Instrument :

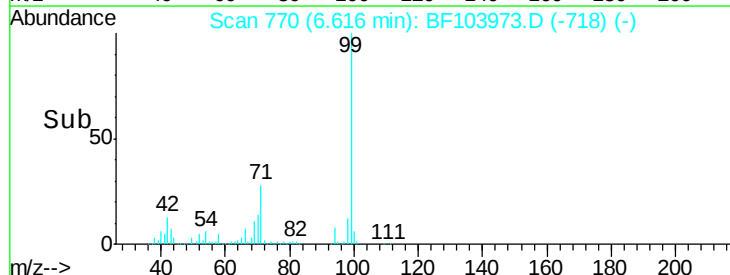
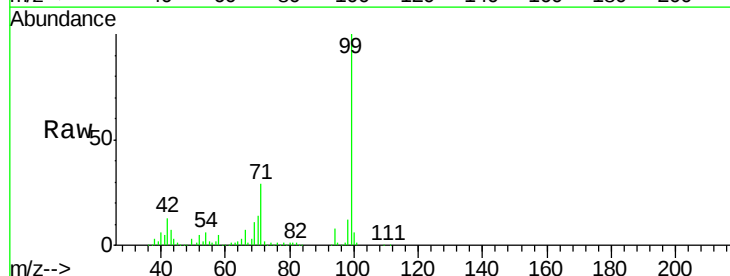
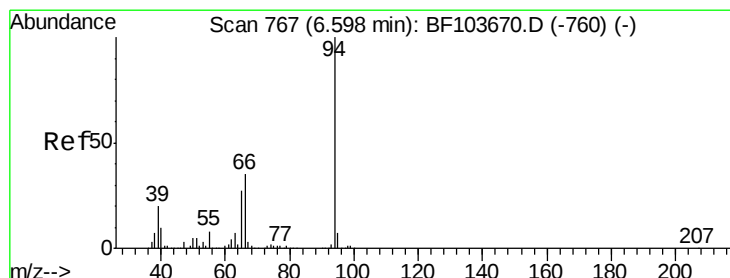
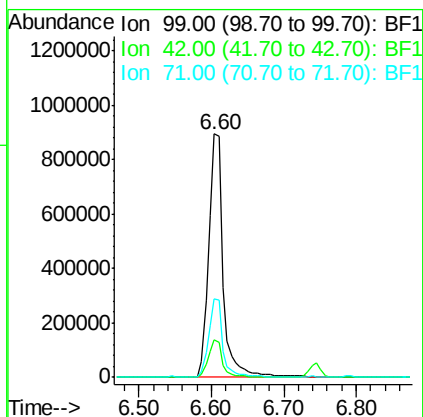
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 2.292 ng

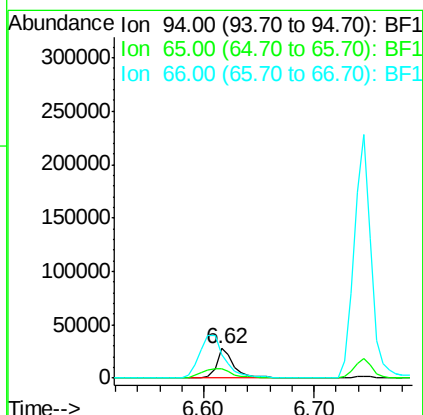
RT: 6.62 min Scan# 770

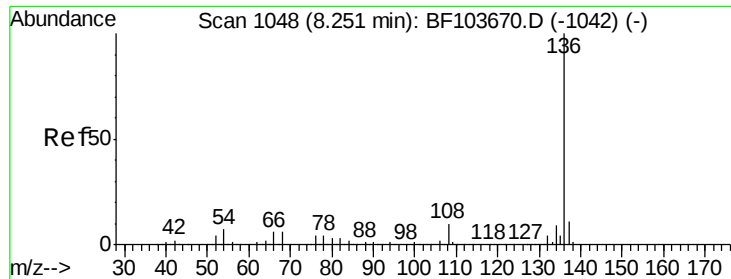
Delta R.T. 0.01 min

Lab File: BF103973.D

Acq: 27 Mar 2018 16:51

Tgt Ion:	94	Resp:	31557
Ion	Ratio	Lower	Upper
94	100		
65	32.8	7.9	47.9
66	78.6	16.2	56.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF103973.D

Acq: 27 Mar 2018 16:51

Instrument :

BNA_F

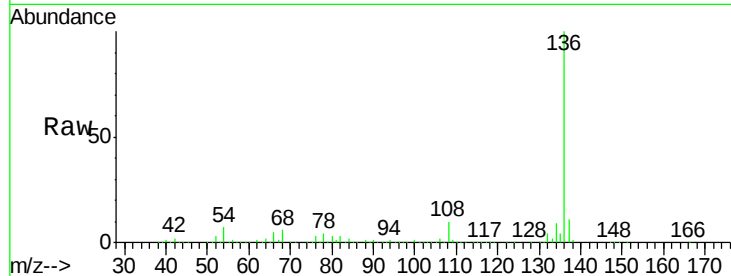
ClientSampleId :

SU-04-032318-A

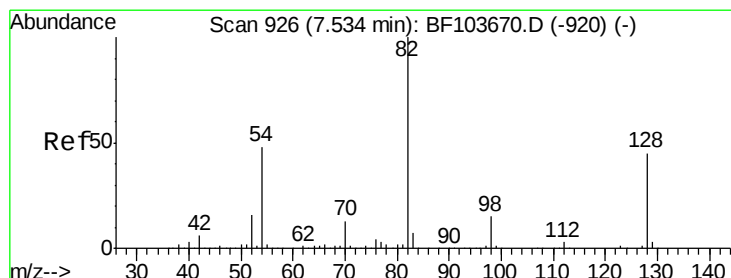
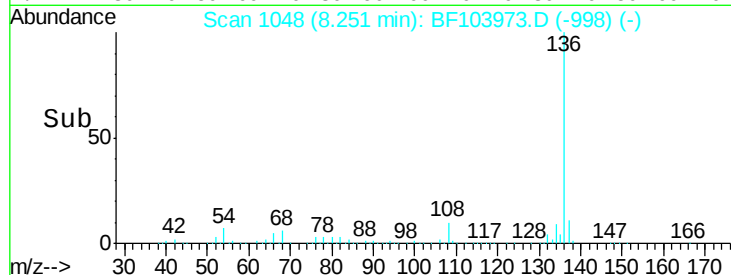
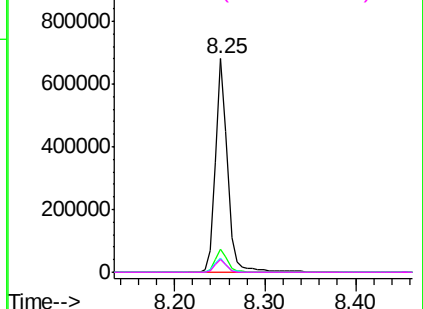
Tot Ion	Ratio	Resp	Lower	Upper
136	100	633370		
137	11.0	8.9	13.3	
54	6.8	6.6	9.8	
68	6.0	5.0	7.4	

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Abundance Ion 136.00 (135.70 to 136.70): E



#23

Nitrobenzene-d5

Concen: 84.011 ng

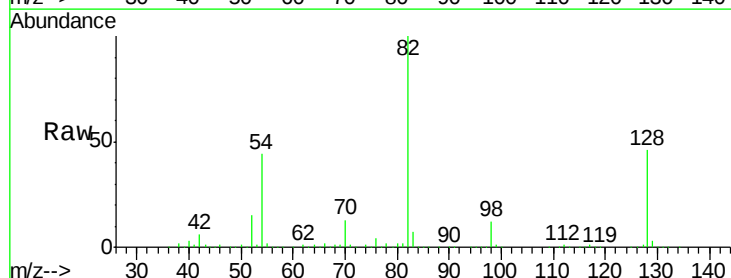
RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

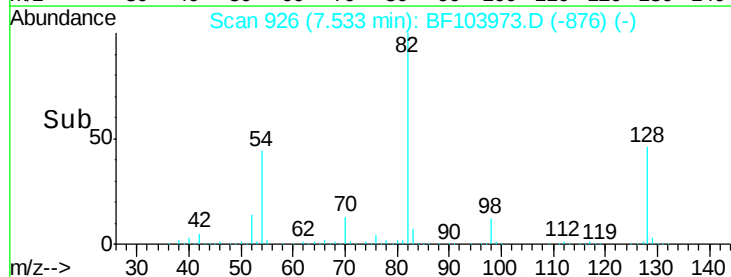
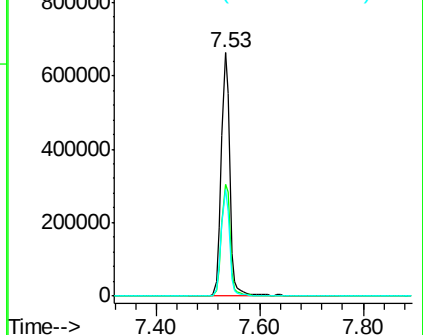
Lab File: BF103973.D

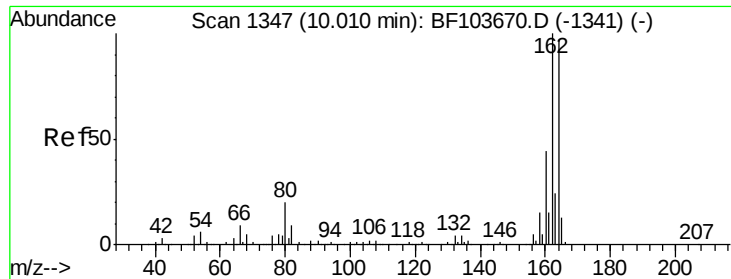
Acq: 27 Mar 2018 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	763023		
128	46.0	36.1	54.1	
54	43.6	41.4	62.2	



Abundance Ion 82.00 (81.70 to 82.70): BF1





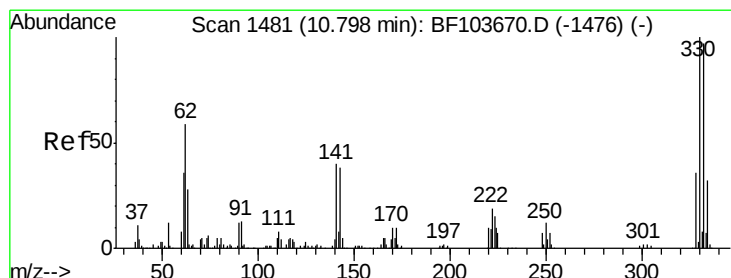
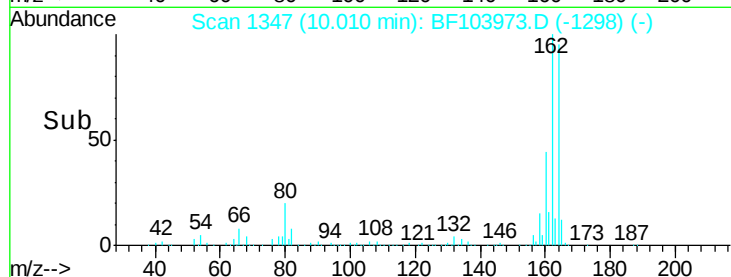
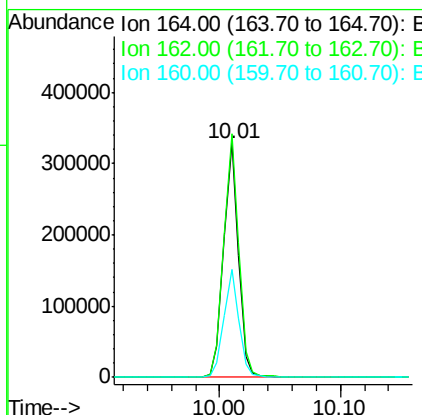
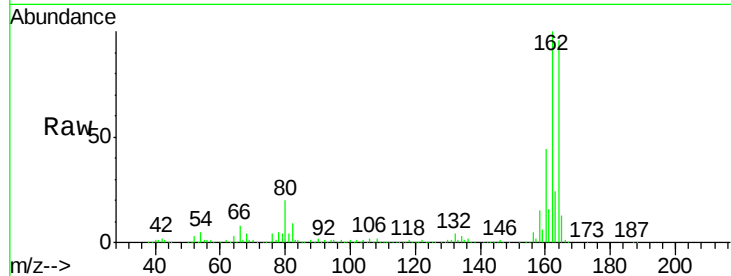
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF103973.D
Acq: 27 Mar 2018 16:51

Instrument :
BNA_F
ClientSampleId :
SU-04-032318-A

Tot Ion	Ratio	Resp	Lower	Upper
164	100	280600		
162	103.9	86.1	129.1	
160	46.0	38.3	57.5	

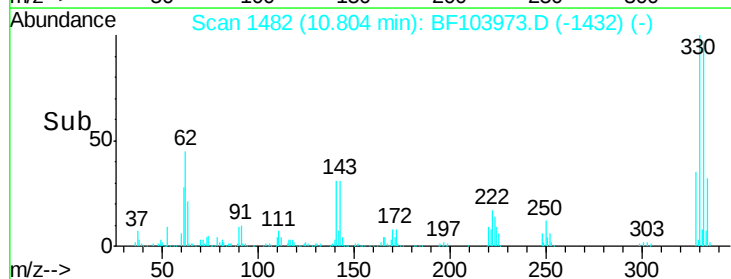
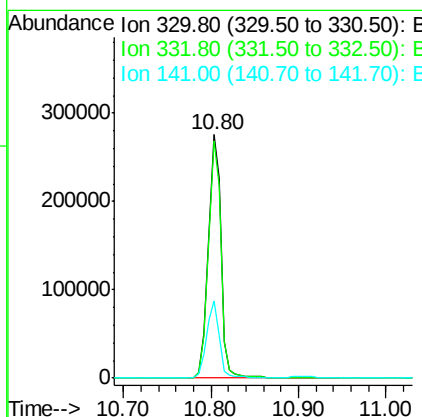
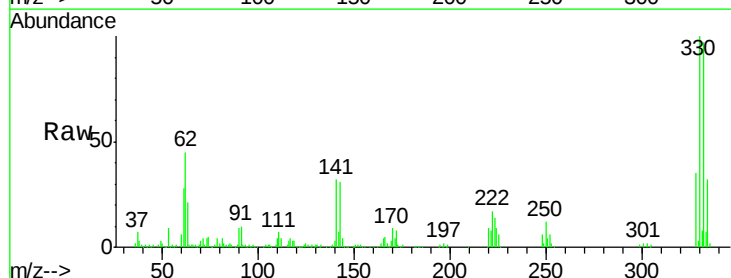
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#41
2,4,6-Tribromophenol
Concen: 116.804 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF103973.D
Acq: 27 Mar 2018 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	281803		
332	96.7	77.0	115.6	
141	30.7	29.9	44.9	





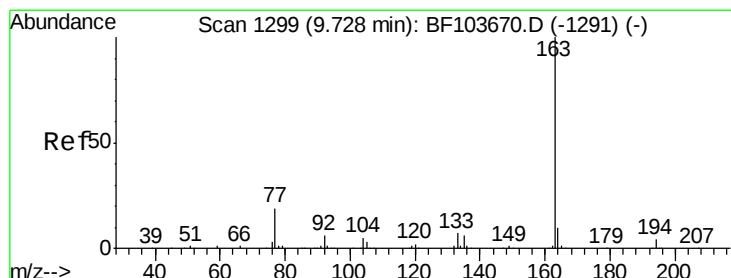
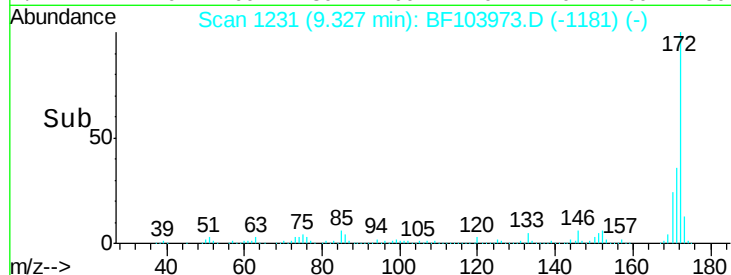
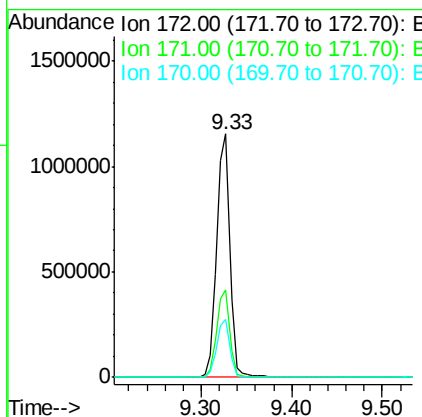
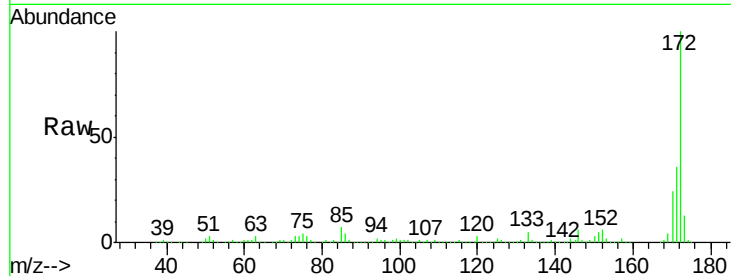
#44
2-Fluorobiphenyl
Concen: 65.628 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF103973.D
Acq: 27 Mar 2018 16:51

Instrument :
BNA_F
ClientSampleId :
SU-04-032318-A

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.9	19.6	29.4

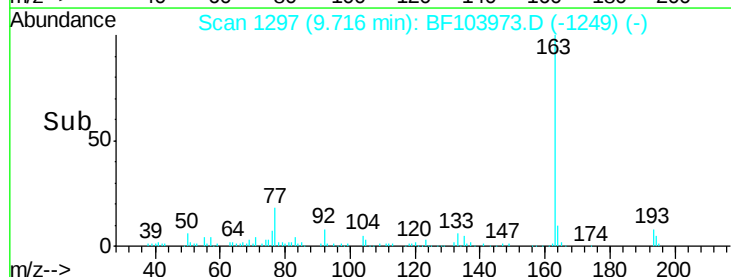
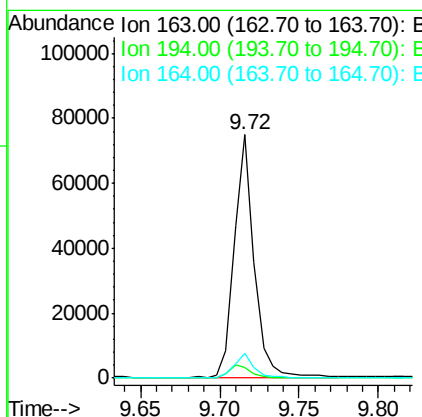
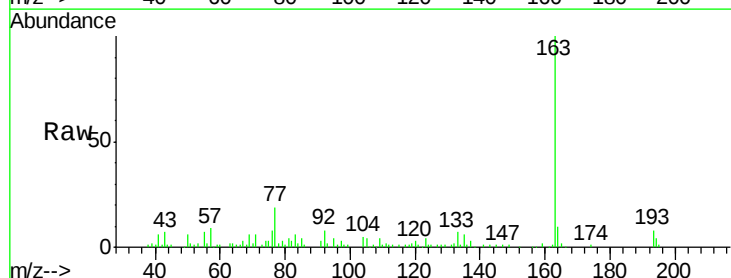
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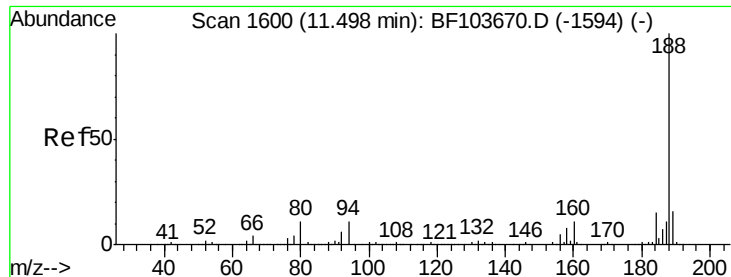
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#49
Dimethylphthalate
Concen: 3.088 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF103973.D
Acq: 27 Mar 2018 16:51

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.7	4.1#
164	10.4	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF103973.D

Acq: 27 Mar 2018 16:51

Instrument :

BNA_F

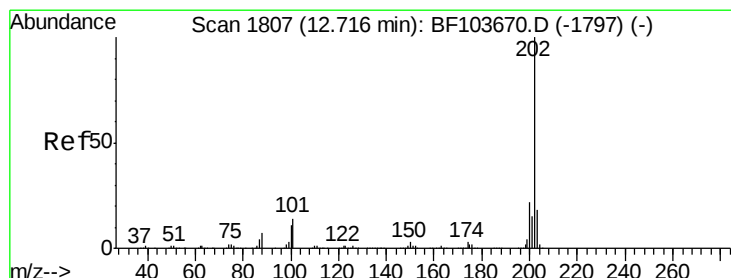
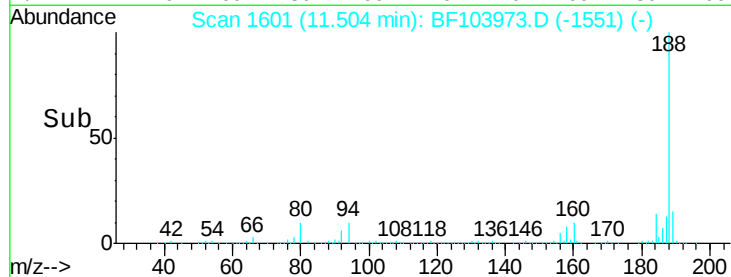
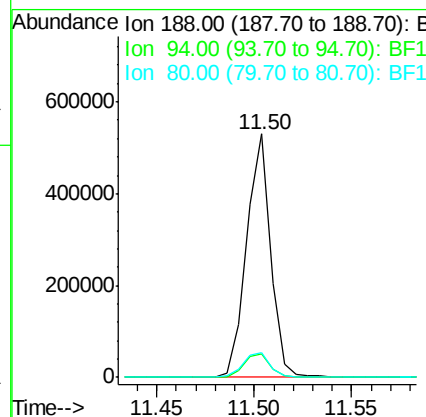
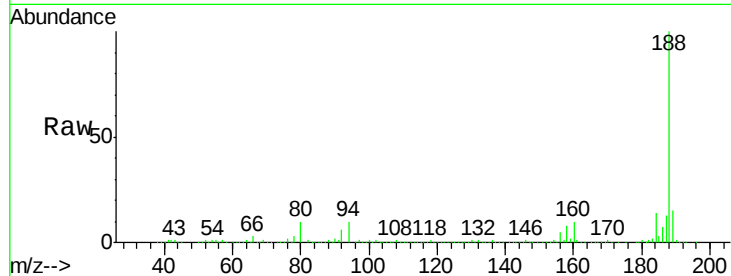
ClientSampleId :

SU-04-032318-A

Tot Ion:	188	Resp:	453464
Ion Ratio	Lower	Upper	
188	100		
94	9.7	8.5	12.7
80	10.3	9.2	13.8

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#74

Fluoranthene

Concen: 2.629 ng

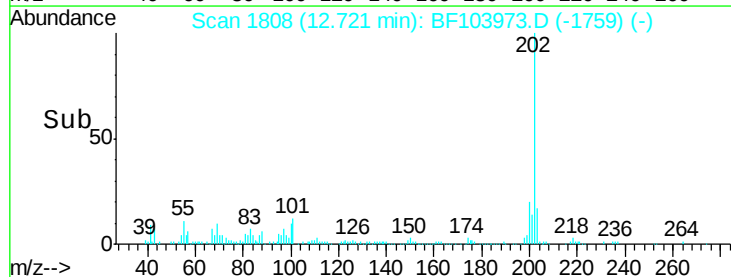
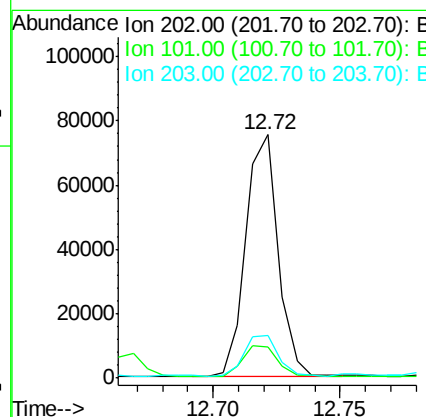
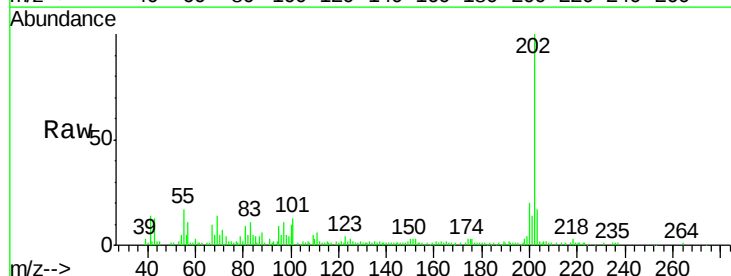
RT: 12.72 min Scan# 1808

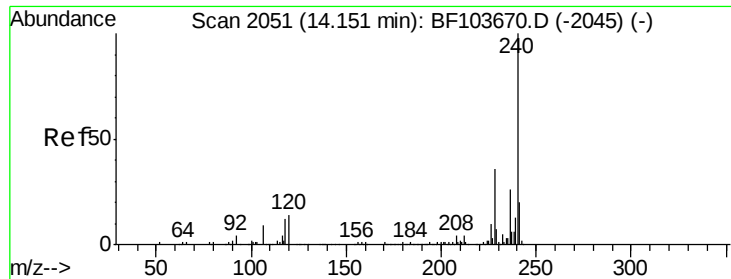
Delta R.T. -0.01 min

Lab File: BF103973.D

Acq: 27 Mar 2018 16:51

Tgt Ion:	202	Resp:	67189
Ion Ratio	Lower	Upper	
202	100		
101	12.7	0.0	34.1
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF103973.D

Acq: 27 Mar 2018 16:51

Instrument :

BNA_F

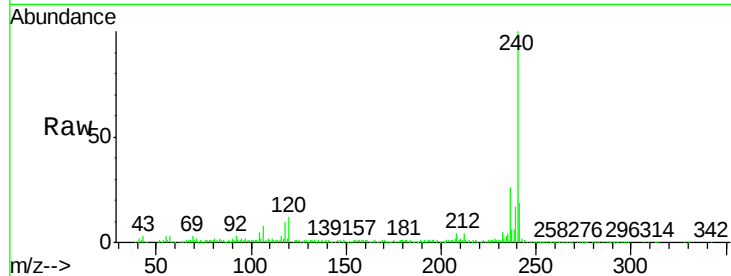
ClientSampleId :

SU-04-032318-A

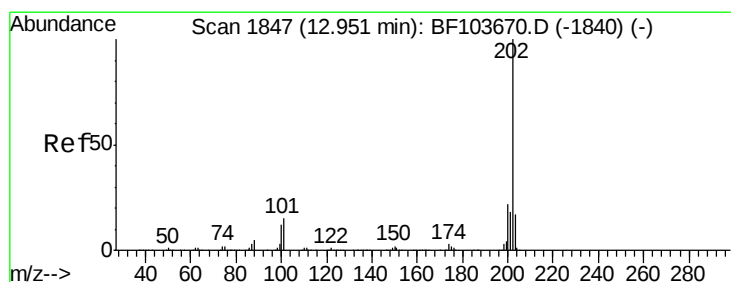
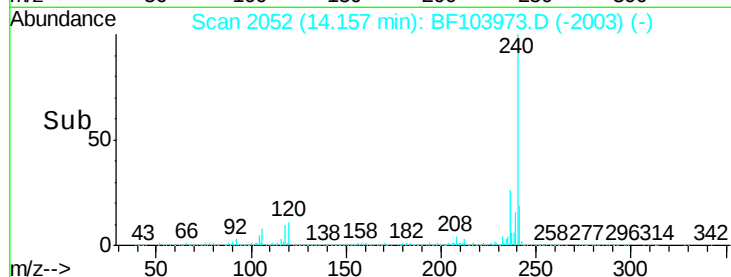
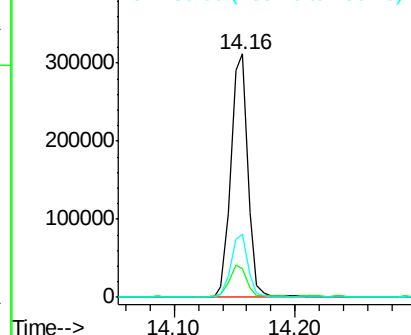
Tot Ion:	240	Resp:	302911
Ion Ratio	Lower	Upper	
240	100		
120	11.8	9.5	14.3
236	25.8	20.7	31.1

Manual Integrations
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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

Pyrene

Concen: 3.526 ng

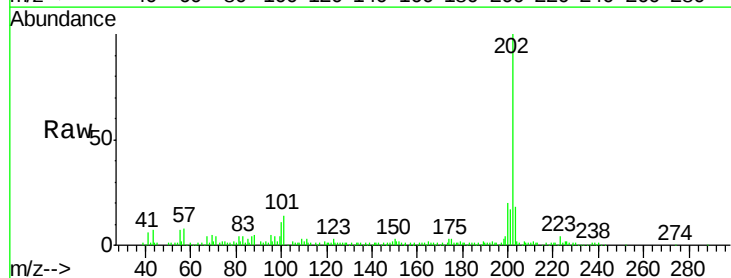
RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

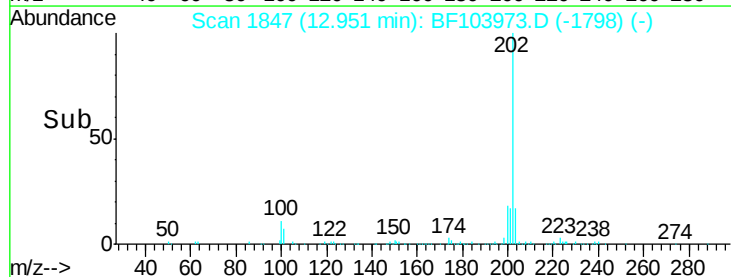
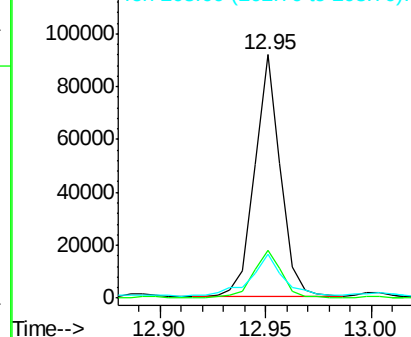
Lab File: BF103973.D

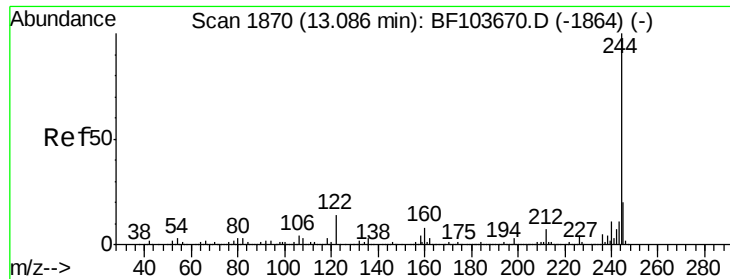
Acq: 27 Mar 2018 16:51

Tgt Ion:	202	Resp:	78435
Ion Ratio	Lower	Upper	
202	100		
200	19.7	17.4	26.2
203	17.9	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





#78

Terphenyl-d14

Concen: 67.482 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BF103973.D

Acq: 27 Mar 2018 16:51

Instrument :

BNA_F

ClientSampleId :

SU-04-032318-A

Tot Ion:244 Resp: 880638

Ion Ratio Lower Upper

244 100

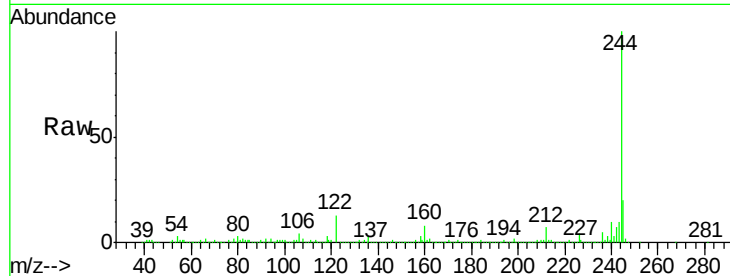
212 6.7 5.4 8.0

122 13.3 11.0 16.4

Manual Integrations
APPROVED

Sohil

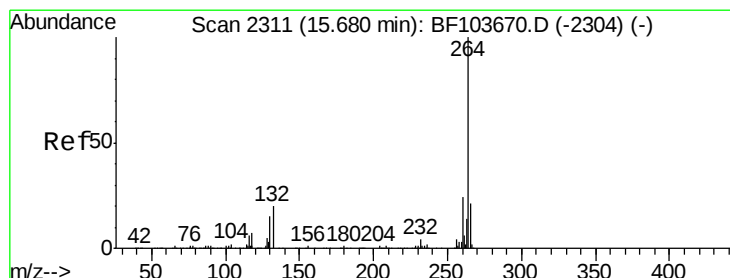
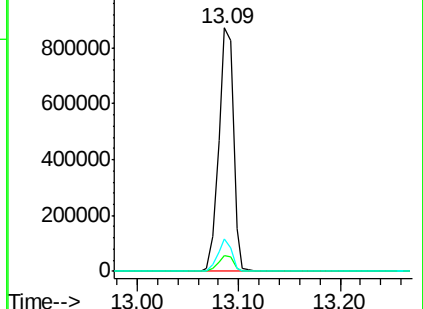
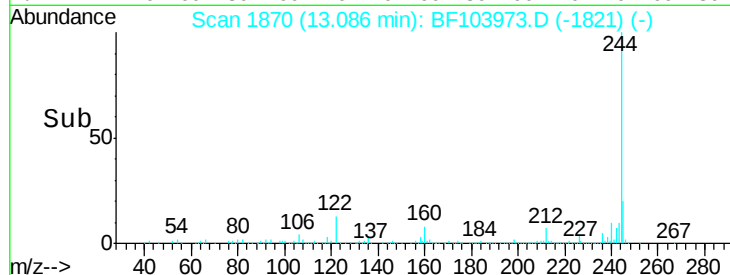
3/28/2018 4:54:09 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.70 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BF103973.D

Acq: 27 Mar 2018 16:51

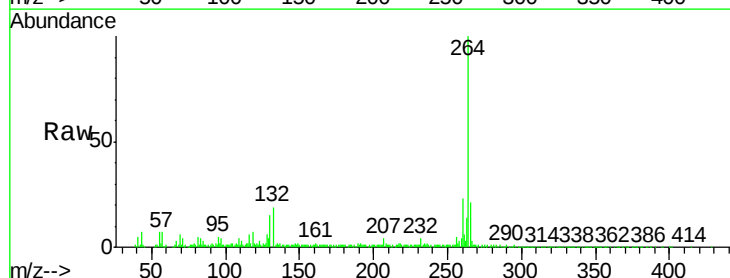
Tgt Ion:264 Resp: 277720

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

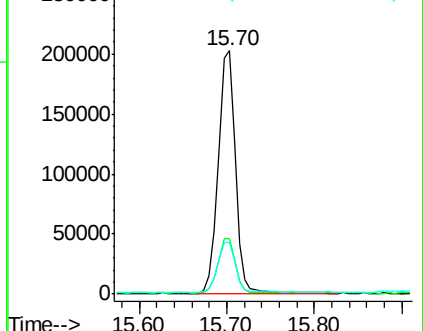
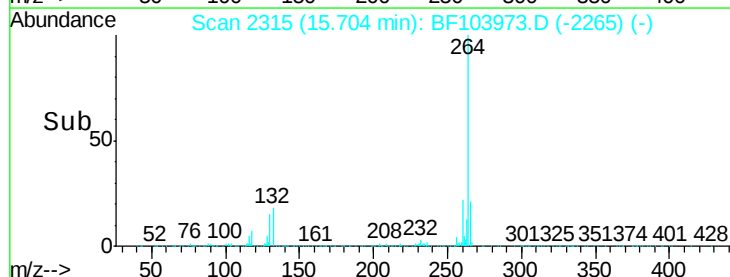
265 21.2 17.5 26.3

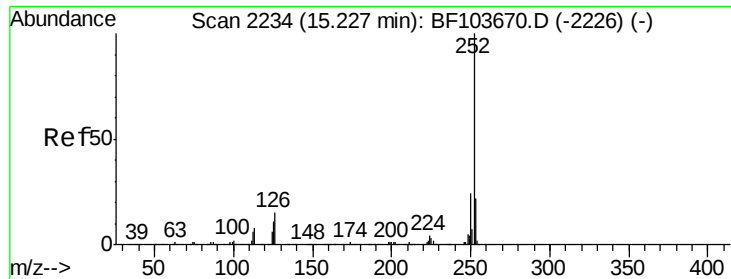


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





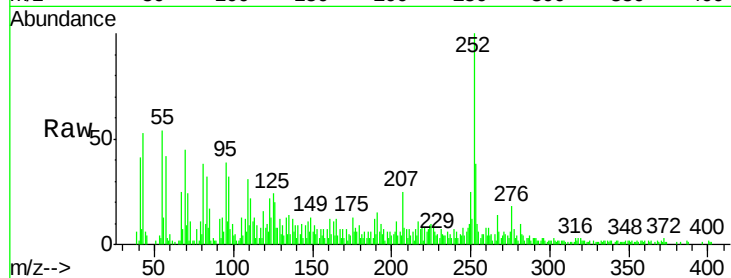
#87
 Benzo(b)fluoranthene
 Concen: 2.361 ng/ml
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BF103973.D
 Acq: 27 Mar 2018 16:51

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-032318-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	38.5	17.0	25.6#
125	24.3	9.0	13.6#

Manual Integrations
 APPROVED

Sohil
 3/28/2018 4:54:09 PM



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

