

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021618\
 Data File : BF103056.D
 Acq On : 16 Feb 2018 17:00
 Operator : SJ/JU
 Sample : J1401-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-021518-A

Manual Integrations
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Sohil
 2/19/2018 11:09:38 AM

Quant Time: Feb 16 17:55:49 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	184567	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	739568	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	290299	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	429789	20.00	ng	0.00
75) Chrysene-d12	14.04	240	325186	20.00	ng	-0.01
86) Perylene-d12	15.53	264	277723	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	563656	46.38	ng	0.00
7) Phenol-d6	6.50	99	688444	47.05	ng	0.00
23) Nitrobenzene-d5	7.43	82	407026	38.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	101861	43.59	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	612638	35.02	ng	-0.01
78) Terphenyl-d14	12.99	244	401945	29.27	ng	0.00
Target Compounds						
70) Phenanthrene	11.43	178	72439	3.026	ng	98
74) Fluoranthene	12.62	202	84191	3.496	ng	97
77) Pyrene	12.84	202	79247	3.108	ng	98

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

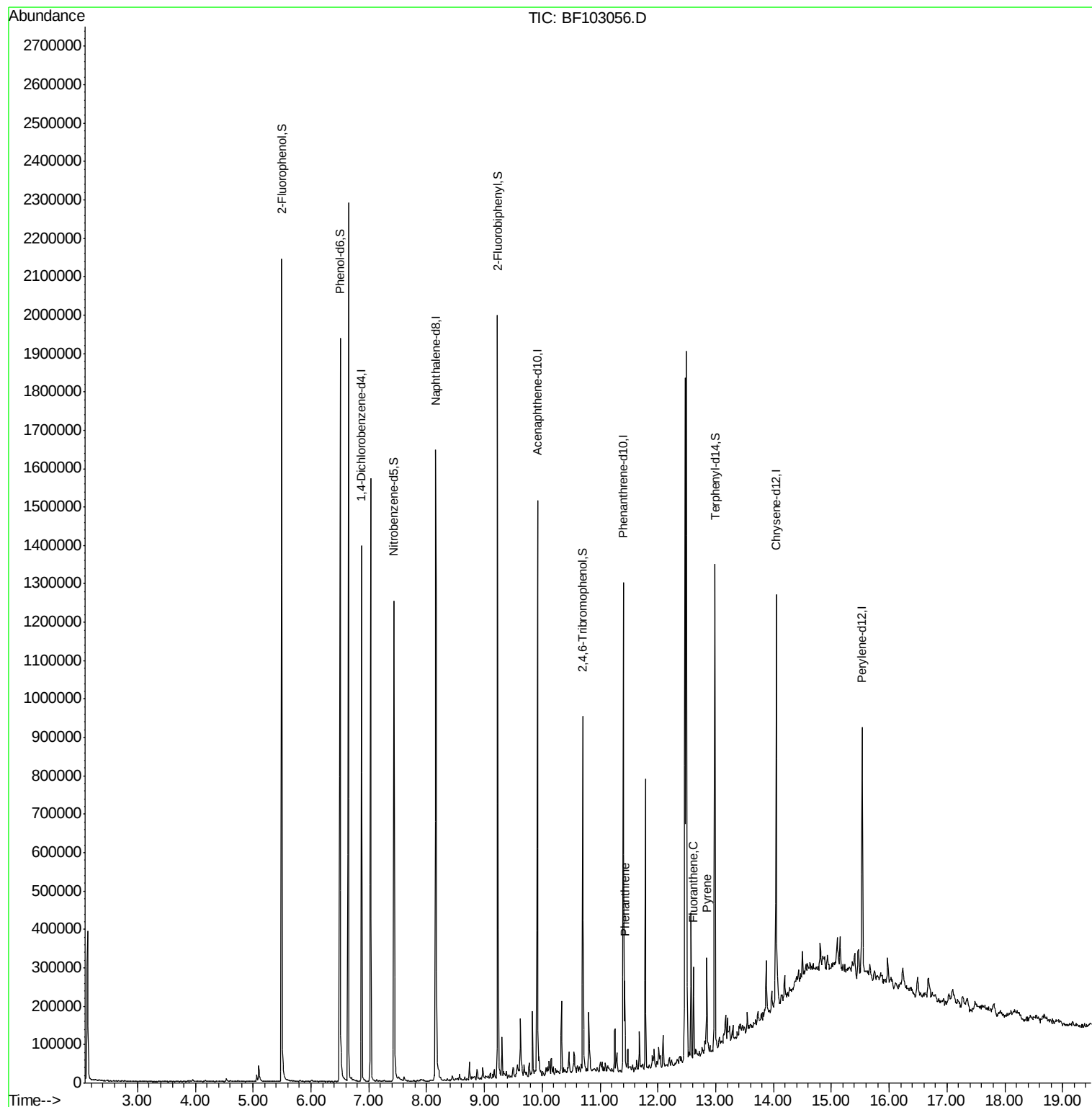
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103056.D
Acq On : 16 Feb 2018 17:00
Operator : SJ/JU
Sample : J1401-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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#1

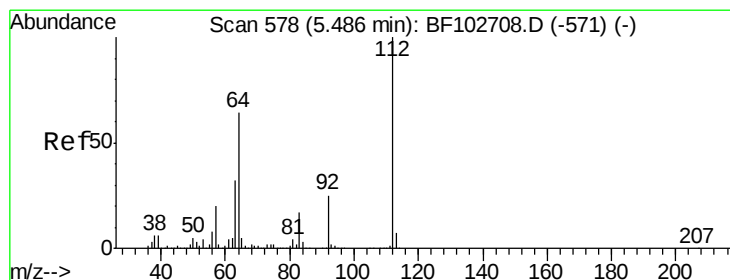
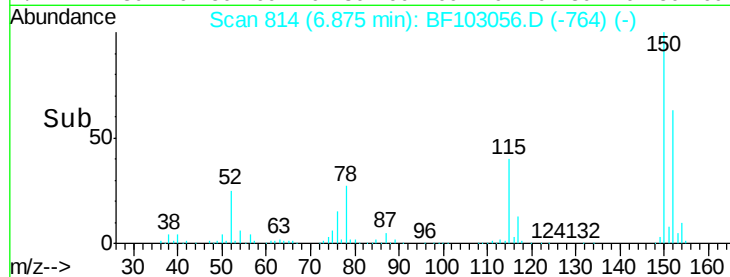
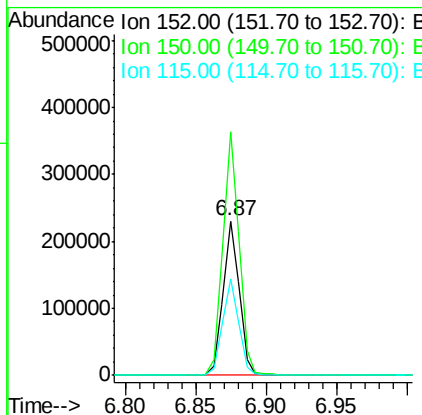
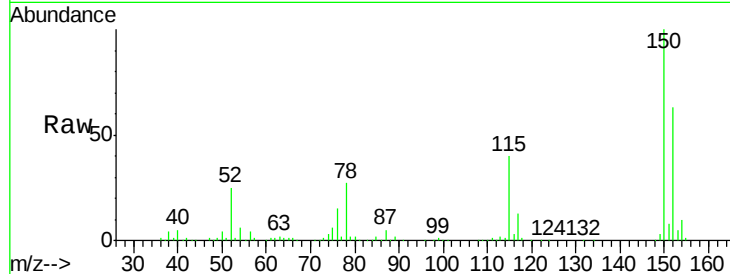
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103056.D
Acq: 16 Feb 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SA-06-021518-A

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.6	186.8
115	62.3	50.1	75.1

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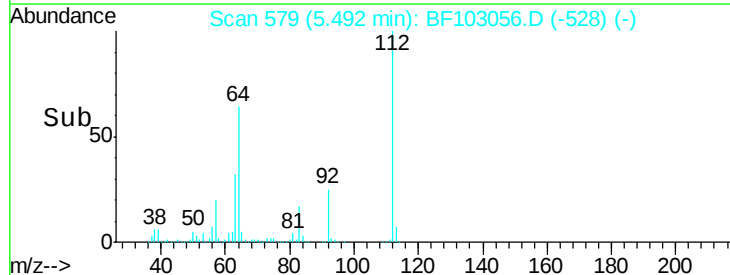
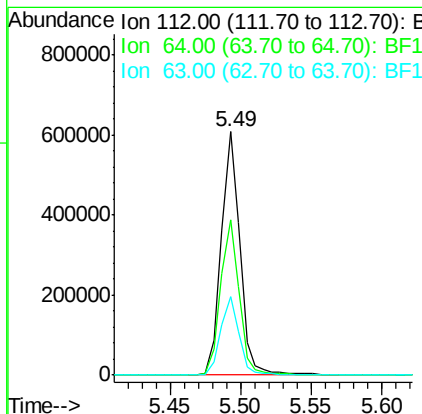
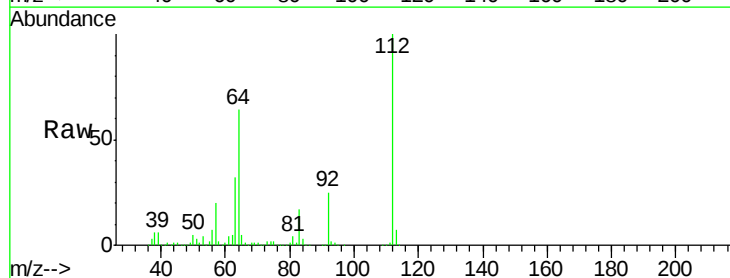
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#5

2-Fluorophenol
Concen: 46.379 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF103056.D
Acq: 16 Feb 2018 17:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.0	47.9	71.9
63	32.2	23.7	35.5





#7

Phenol-d6

Concen: 47.046 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103056.D

Acq: 16 Feb 2018 17:00

Instrument :

BNA_F

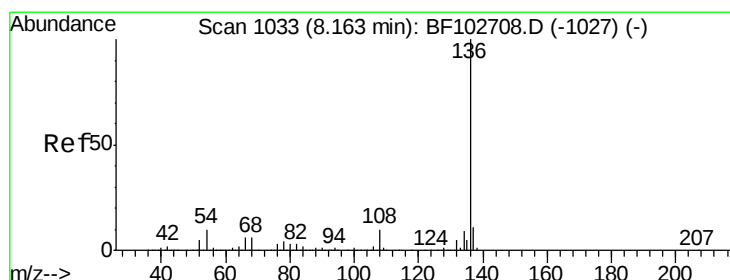
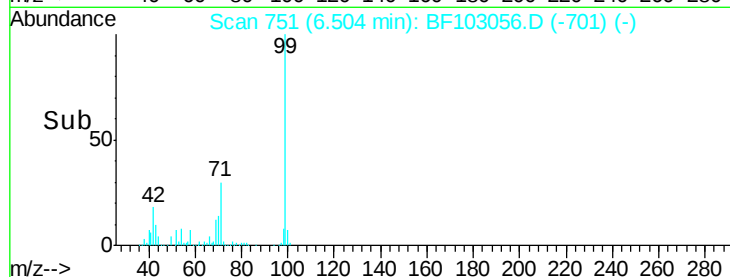
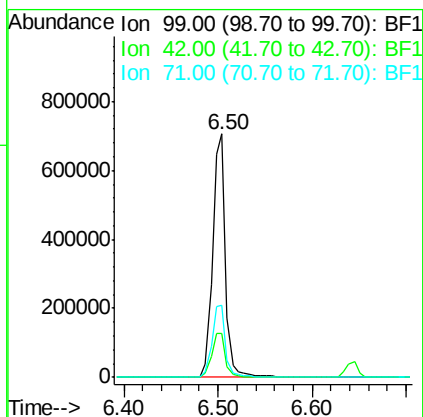
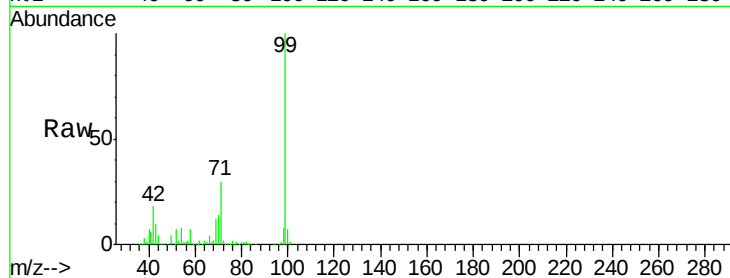
ClientSampleId :

SA-06-021518-A

Tgt Ion:	99	Resp:	688444
Ion Ratio	Lower	Upper	
99	100		
42	17.9	14.5	21.7
71	29.8	25.4	38.0

Manual Integrations
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#21

Naphthalene-d8

Concen: 20.000 ng

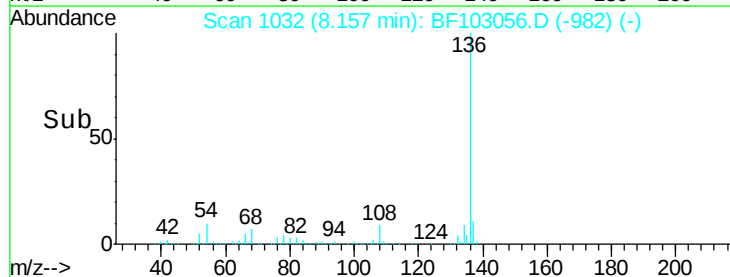
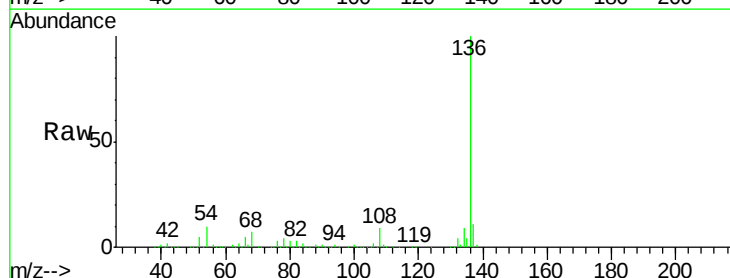
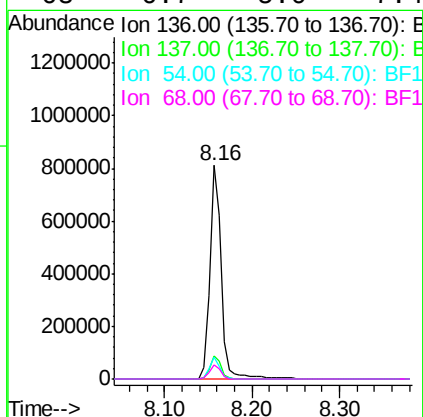
RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103056.D

Acq: 16 Feb 2018 17:00

Tgt Ion:	136	Resp:	739568
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	10.0	6.6	9.8
68	6.7	5.0	7.4





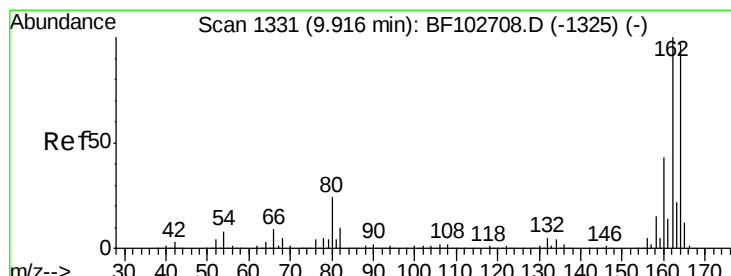
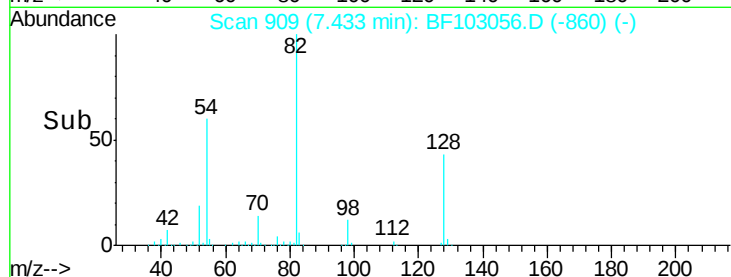
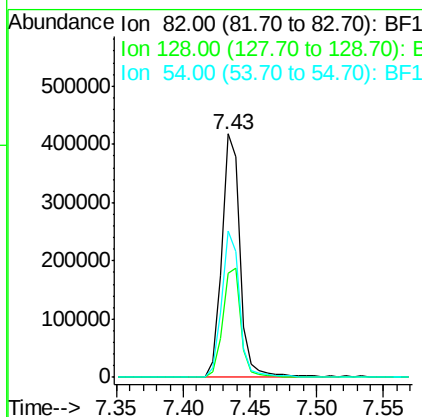
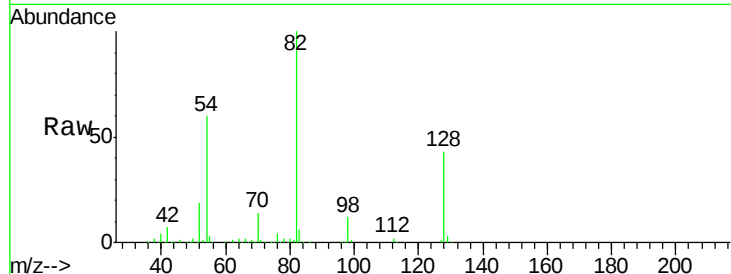
#23
 Nitrobenzene-d5
 Concen: 38.179 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF103056.D
 Acq: 16 Feb 2018 17:00

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-021518-A

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	407026		
128	42.8	36.1	54.1	
54	59.9	41.4	62.2	

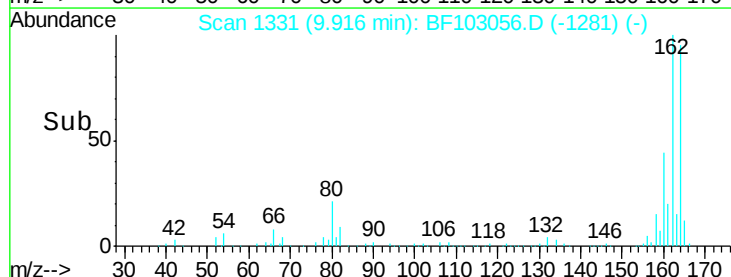
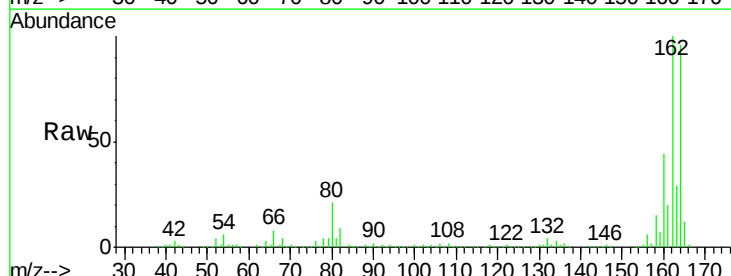
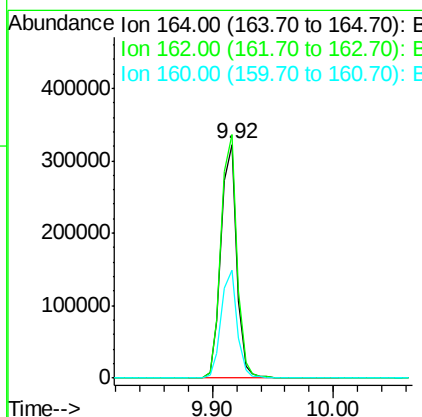
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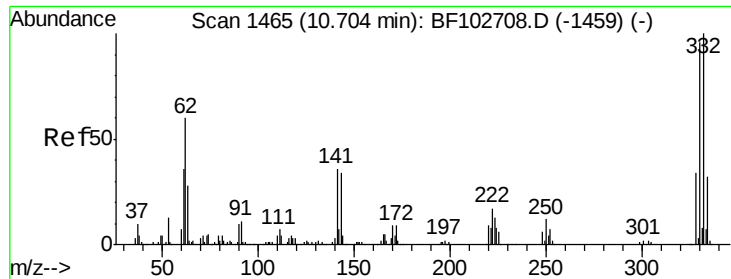
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF103056.D
 Acq: 16 Feb 2018 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	290299		
162	104.1	86.1	129.1	
160	45.9	38.3	57.5	





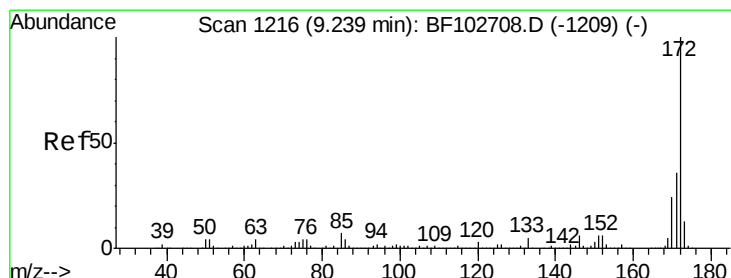
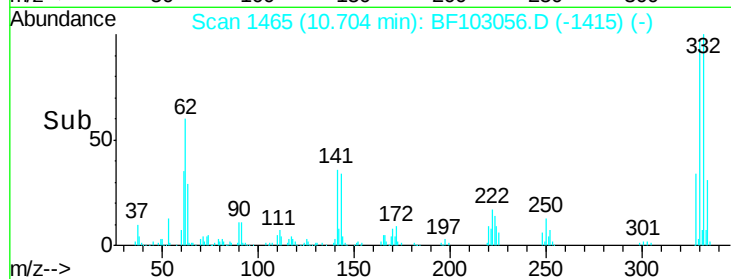
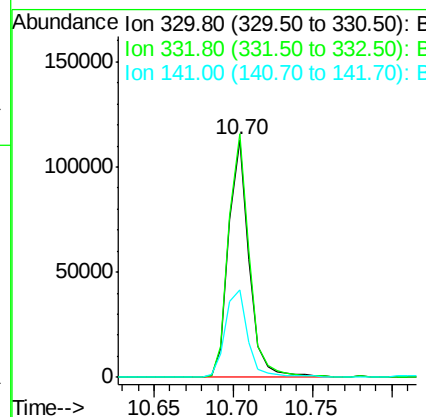
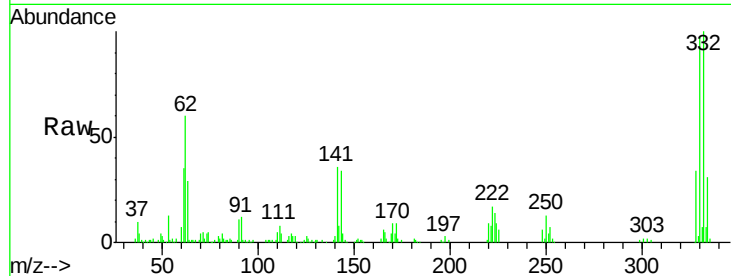
#41
 2,4,6-Tribromophenol
 Concen: 43.594 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF103056.D
 Acq: 16 Feb 2018 17:00

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-021518-A

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	103.4	77.0	115.6	
141	41.2	29.9	44.9	

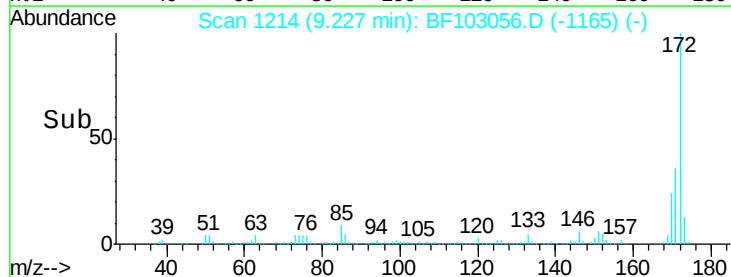
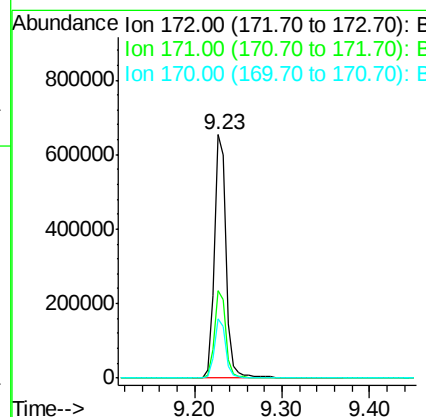
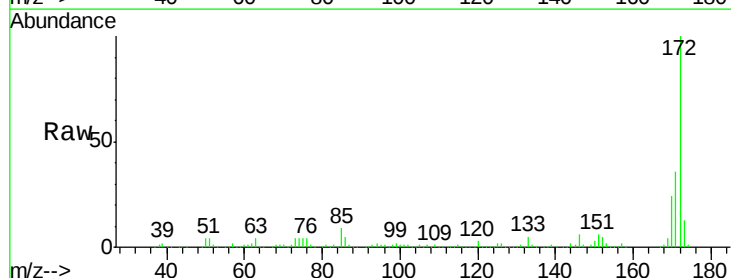
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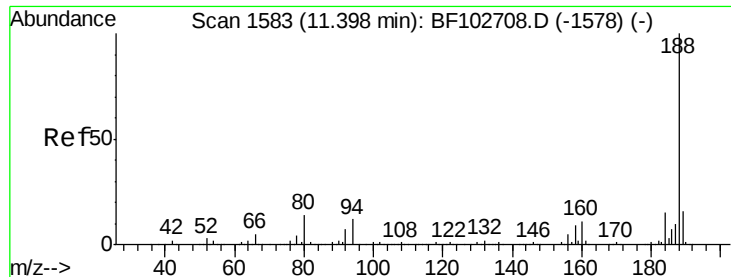
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#44
 2-Fluorobiphenyl
 Concen: 35.019 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF103056.D
 Acq: 16 Feb 2018 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.0	29.7	44.5	
170	24.4	19.6	29.4	





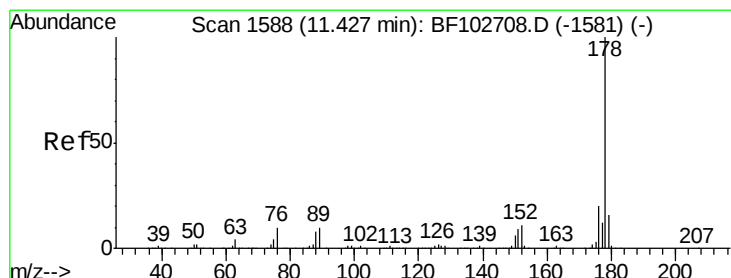
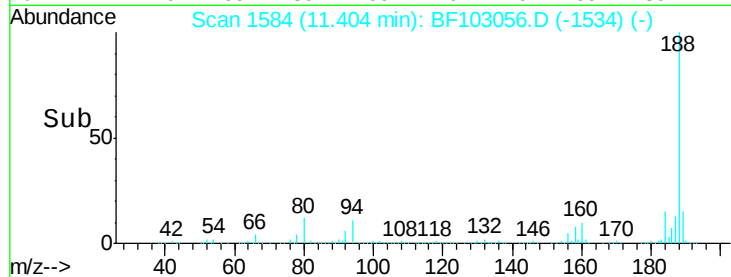
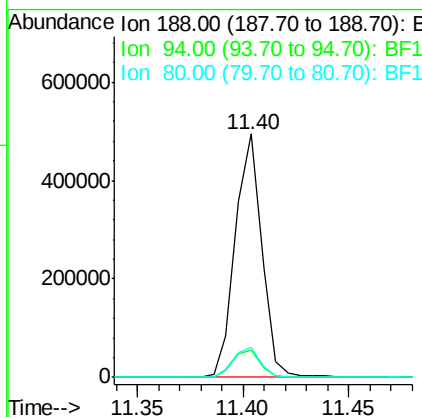
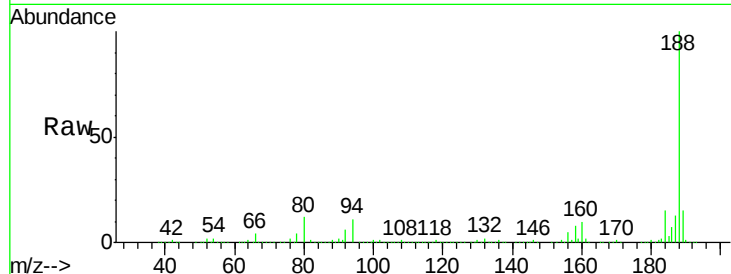
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103056.D
Acq: 16 Feb 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SA-06-021518-A

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	429789		
94	11.2	8.5	12.7	
80	12.3	9.2	13.8	

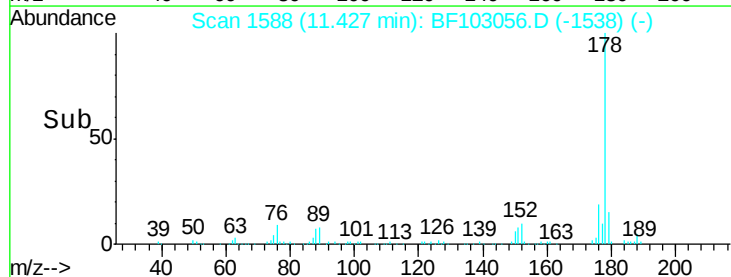
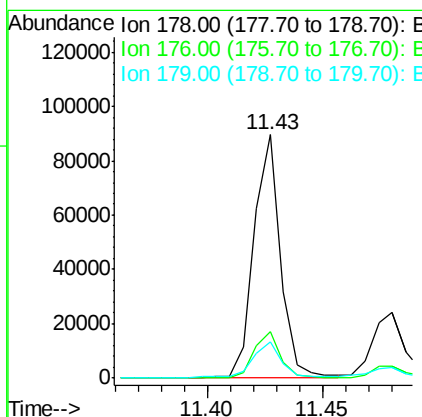
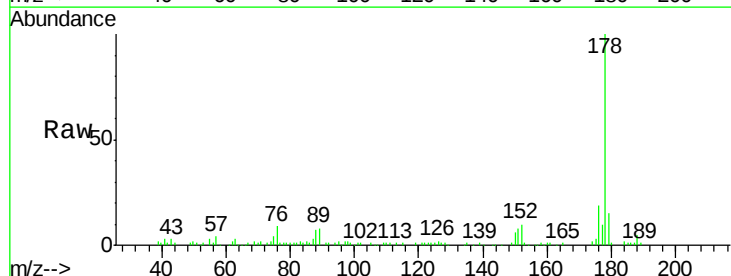
Manual Integrations
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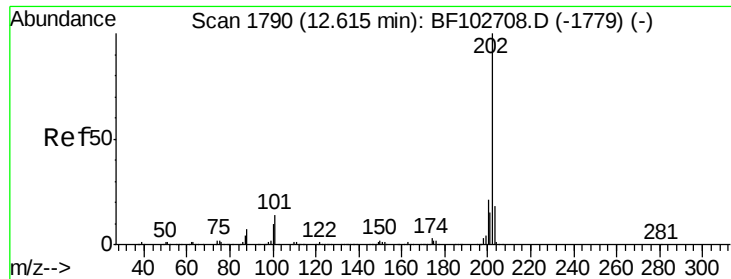
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#70
Phenanthrene
Concen: 3.026 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF103056.D
Acq: 16 Feb 2018 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	72439		
176	19.3	15.8	23.8	
179	15.0	13.0	19.6	





#74

Fluoranthene

Concen: 3.496 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF103056.D

Acq: 16 Feb 2018 17:00

Instrument :

BNA_F

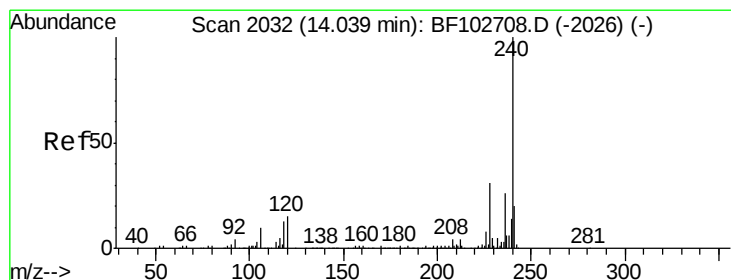
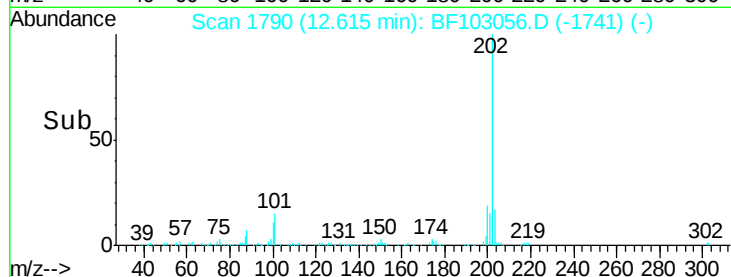
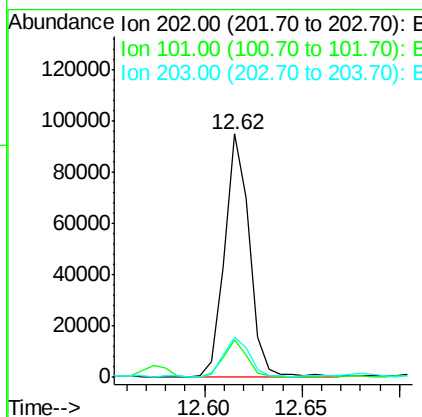
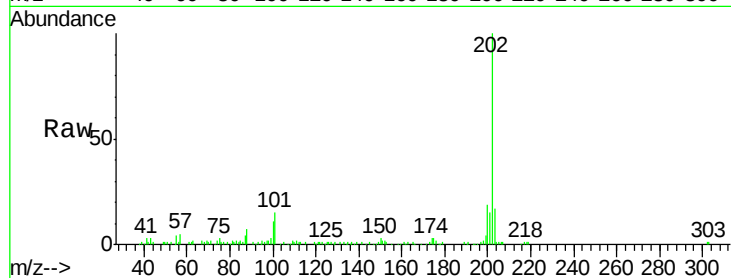
ClientSampleId :

SA-06-021518-A

Tgt	Ion	202	Resp:	84191
Ion	Ratio	Lower	Upper	
202	100			
101	15.3	0.0	34.1	
203	16.6	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

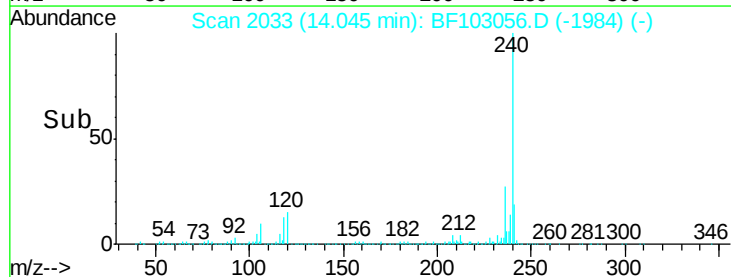
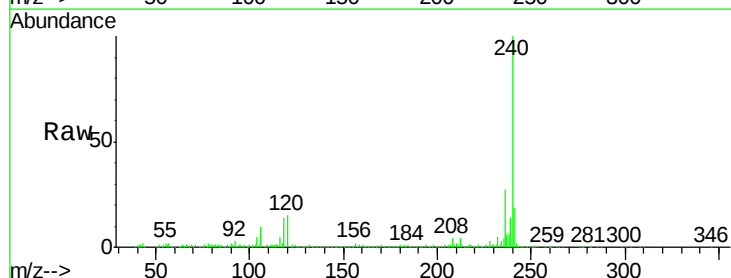
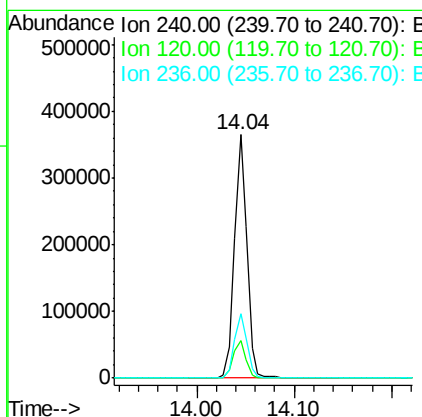
RT: 14.04 min Scan# 2033

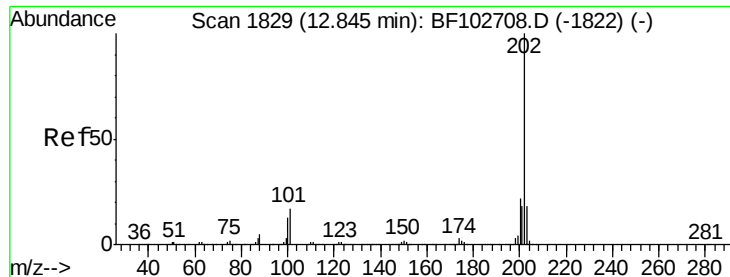
Delta R.T. -0.01 min

Lab File: BF103056.D

Acq: 16 Feb 2018 17:00

Tgt	Ion	240	Resp:	325186
Ion	Ratio	Lower	Upper	
240	100			
120	15.2	9.5	14.3#	
236	26.6	20.7	31.1	





#77

Pyrene

Concen: 3.108 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF103056.D

Acq: 16 Feb 2018 17:00

Instrument :

BNA_F

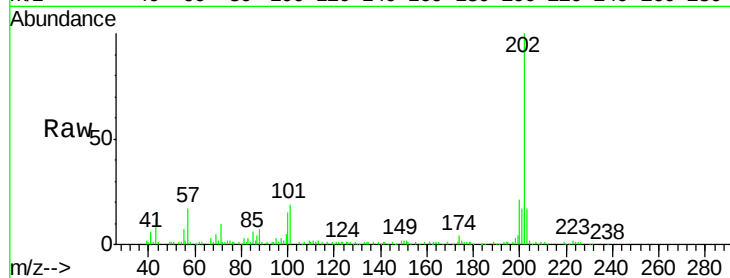
ClientSampleId :

SA-06-021518-A

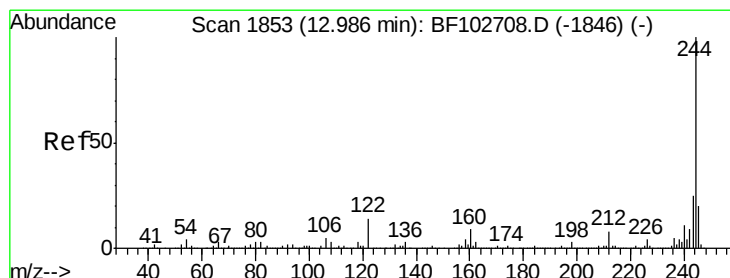
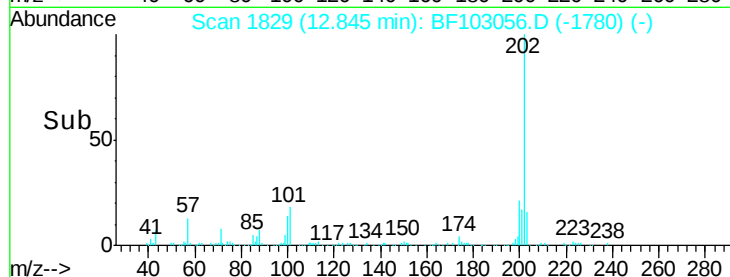
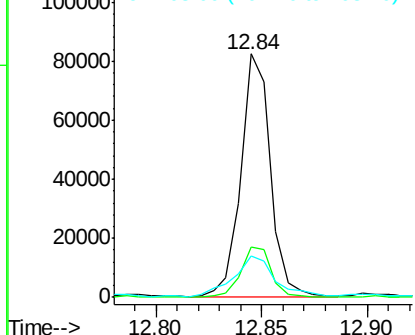
Tgt Ion:	202	Resp:	79247
Ion Ratio		Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.2	14.3	21.5

Manual Integrations
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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: 29.267 ng

RT: 12.99 min Scan# 1853

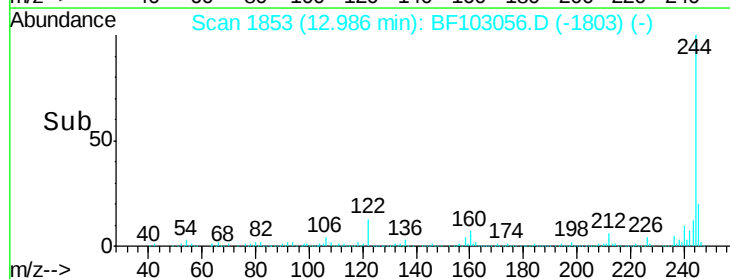
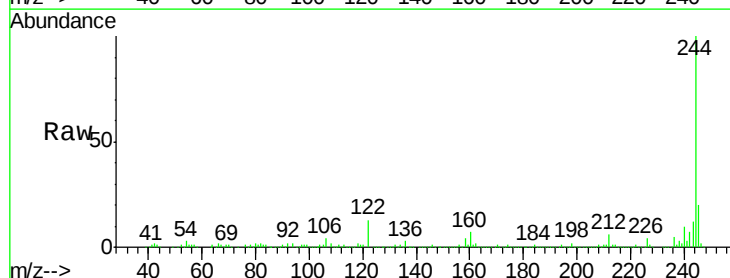
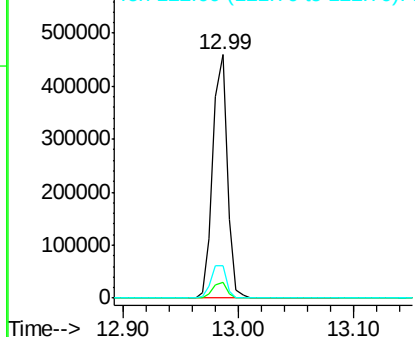
Delta R.T. -0.01 min

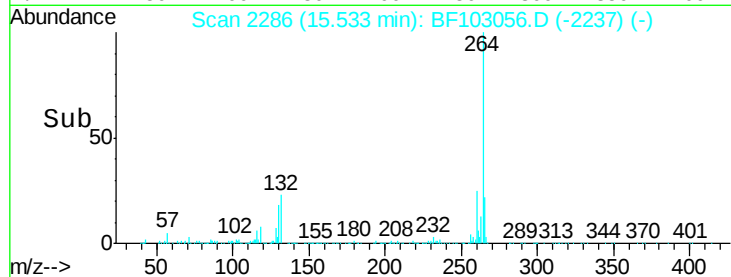
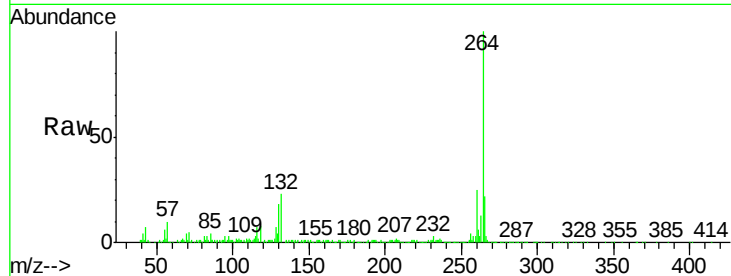
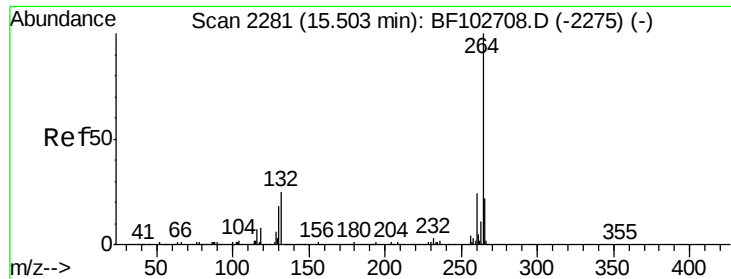
Lab File: BF103056.D

Acq: 16 Feb 2018 17:00

Tgt Ion:	244	Resp:	401945
Ion Ratio		Lower	Upper
244	100		
212	6.4	5.4	8.0
122	13.5	11.0	16.4

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: 15.53 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BF103056.D
Acq: 16 Feb 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SA-06-021518-A

Tgt	Ion	Ratio	Resp	Lower	Upper
264	100		277723		
260	25.4	19.2	28.8		
265	21.9	17.5	26.3		

Manual Integrations
APPROVED

Sohil
2/19/2018 11:09:38 AM

