

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
 Data File : BF101863.D
 Acq On : 3 Jan 2018 16:44
 Operator : SJ/JU
 Sample : J1022-01 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-010218

Manual Integrations
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 1/4/2018 1:56:27 PM

Quant Time: Jan 04 01:32:21 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	104525	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	353887	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	136583	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	273348	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	280237	20.00	ng	-0.02
86) Perylene-d12	15.42	264	209762	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	382929	54.57	ng	0.00
7) Phenol-d6	6.43	99	433315	49.62	ng	0.00
23) Nitrobenzene-d5	7.35	82	233945	36.80	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	72050	54.75	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	366440	41.62	ng	-0.02
78) Terphenyl-d14	12.89	244	400135	34.42	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.53	163	30527	2.779	ng	Qvalue # 97
70) Phenanthrene	11.33	178	63630	4.186	ng	100
74) Fluoranthene	12.53	202	66701	4.180	ng	95
77) Pyrene	12.76	202	77857	3.702	ng	98
87) Benzo(b)fluoranthene	15.00	252	33744m	2.639	ng	

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

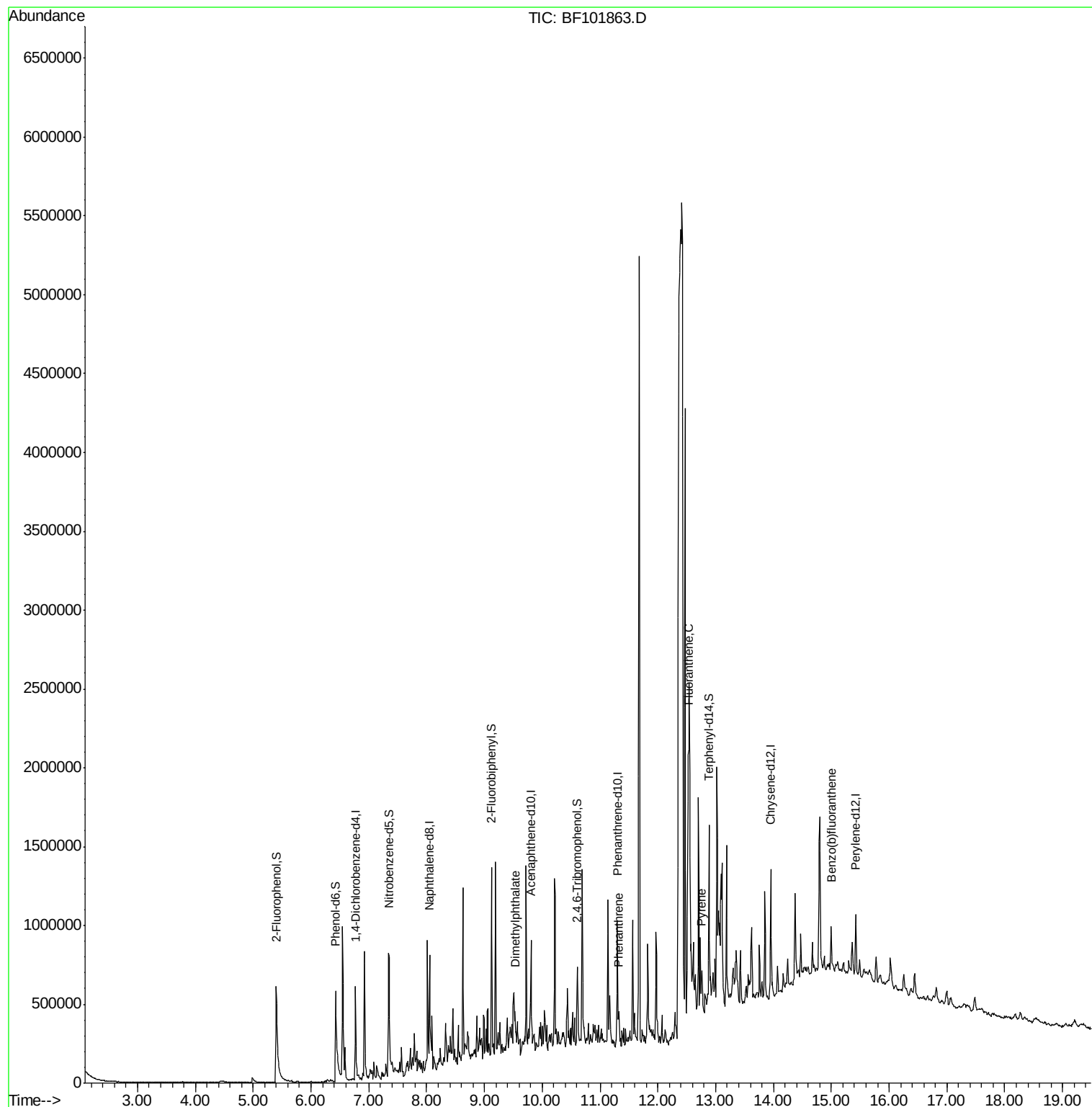
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
Data File : BF101863.D
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Operator : SJ/JU
Sample : J1022-01 2X
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ALS Vial : 10 Sample Multiplier: 1

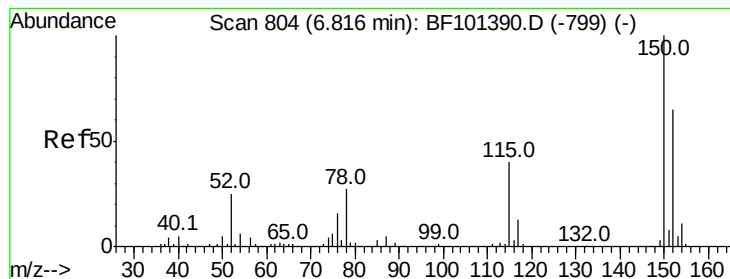
Instrument :
BNA_F
ClientSampleId :
SU-03-010218

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Quant Time: Jan 04 01:32:21 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration





#1

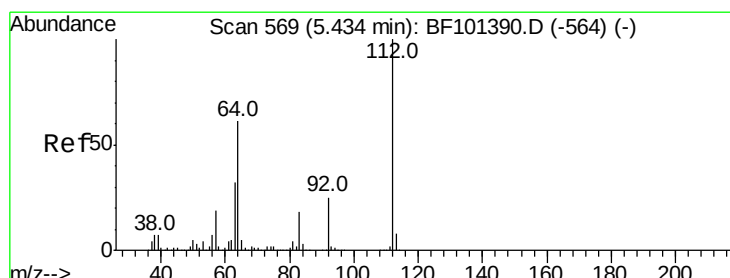
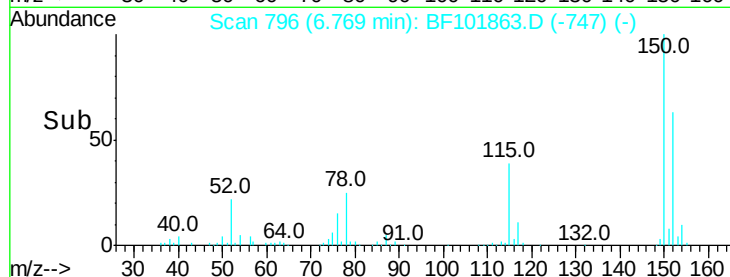
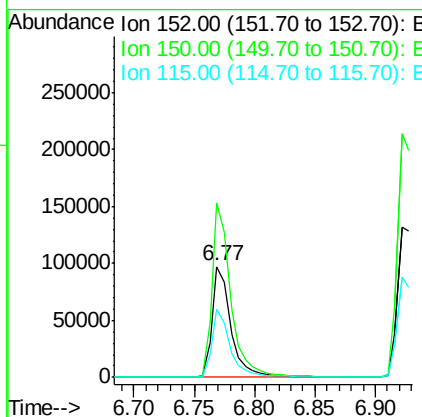
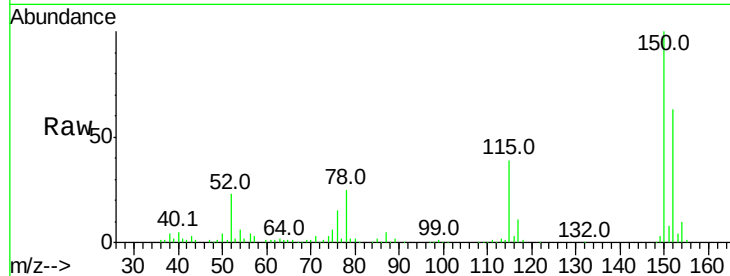
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF101863.D
Acq: 3 Jan 2018 16:44

Instrument :
BNA_F
ClientSampled :
SU-03-010218

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	62.1	50.1	75.1

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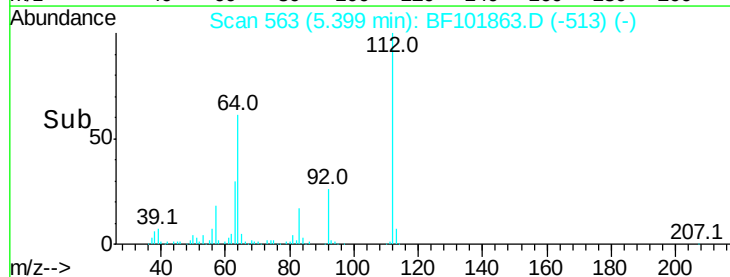
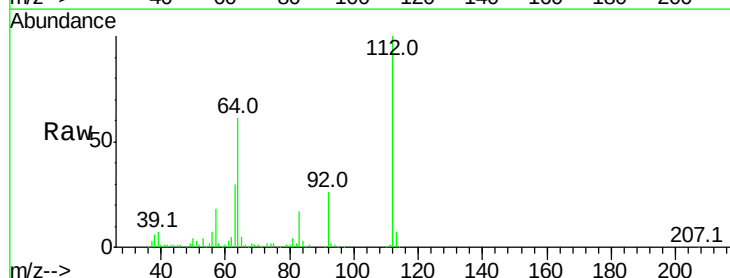
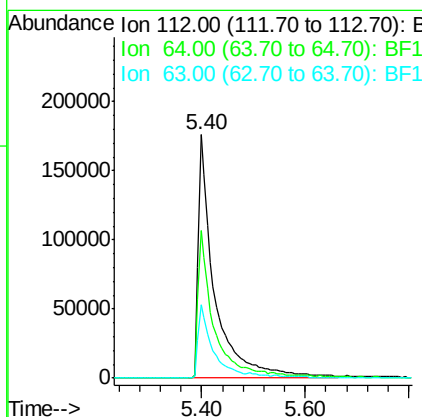
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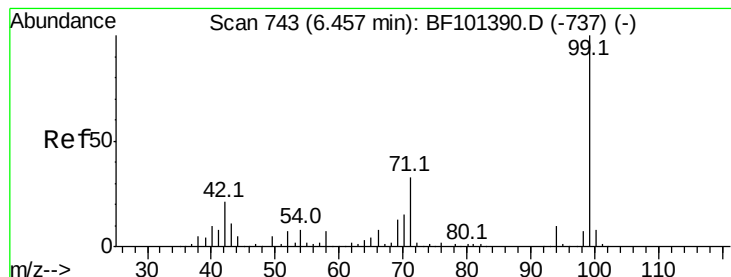


#5

2-Fluorophenol
Concen: 54.571 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF101863.D
Acq: 3 Jan 2018 16:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.9	71.9
63	30.0	23.7	35.5





#7

Phenol-d6

Concen: 49.618 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF101863.D

Acq: 3 Jan 2018 16:44

Instrument :

BNA_F

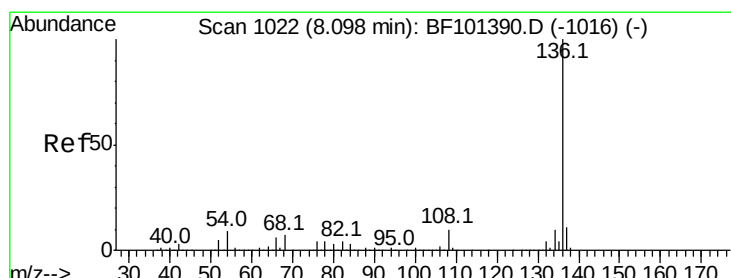
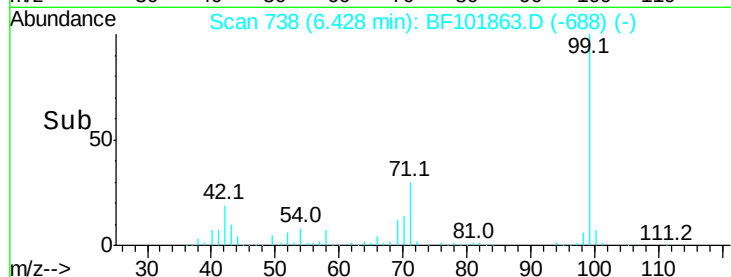
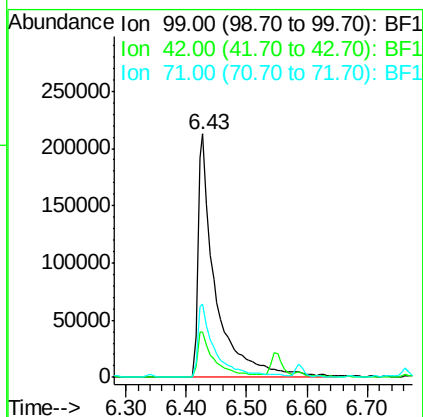
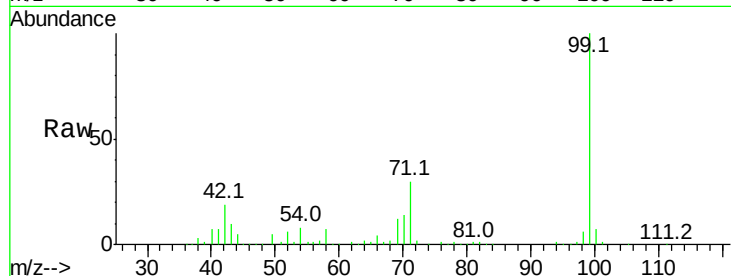
ClientSampled :

SU-03-010218

Tot Ion:	99	Resp:	433315
Ion Ratio	Lower	Upper	
99	100		
42	18.7	14.5	21.7
71	30.0	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

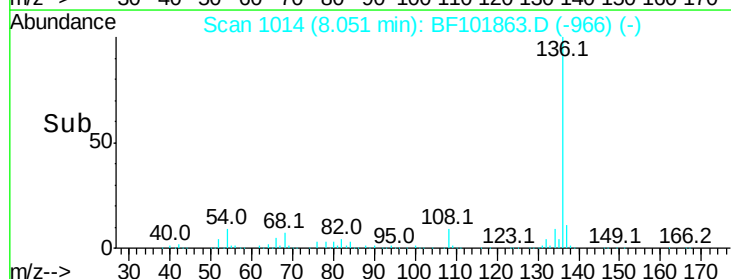
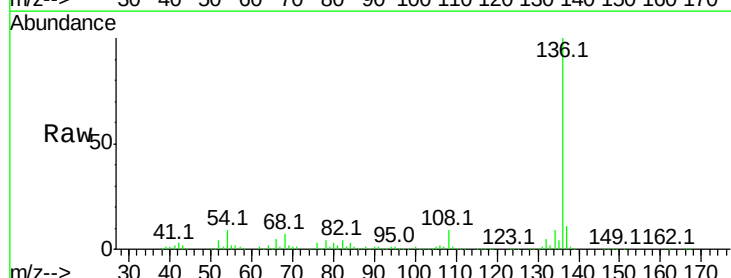
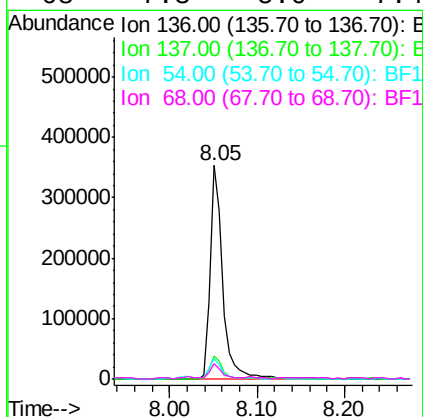
RT: 8.05 min Scan# 1014

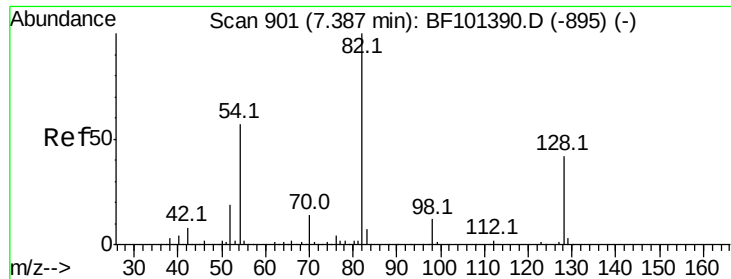
Delta R.T. -0.02 min

Lab File: BF101863.D

Acq: 3 Jan 2018 16:44

Tgt Ion:	136	Resp:	353887
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	9.5	6.6	9.8
68	7.3	5.0	7.4





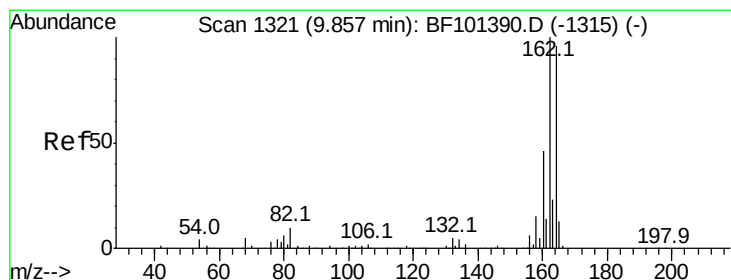
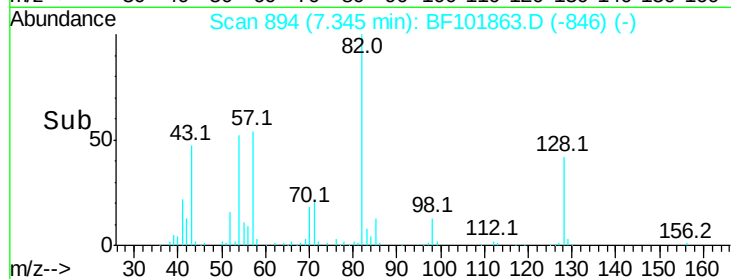
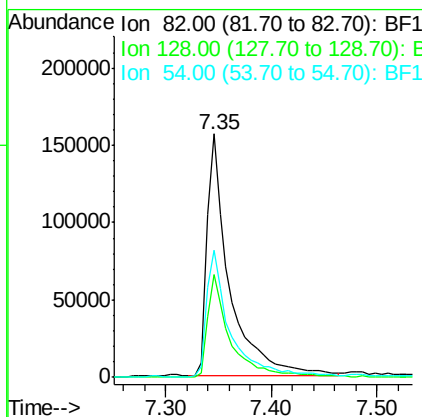
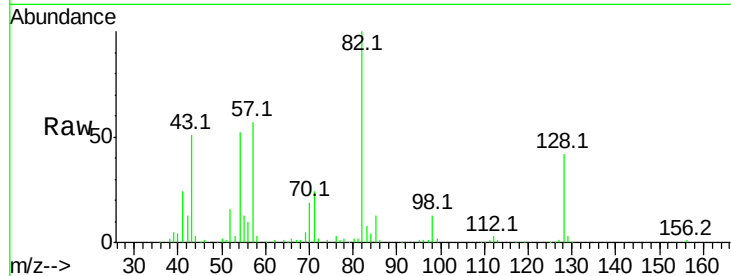
#23
 Nitrobenzene-d5
 Concen: 36.799 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.02 min
 Lab File: BF101863.D
 Acq: 3 Jan 2018 16:44

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-010218

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.0	36.1	54.1
54	52.1	41.4	62.2

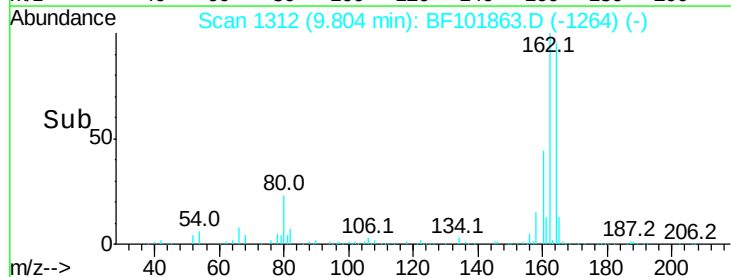
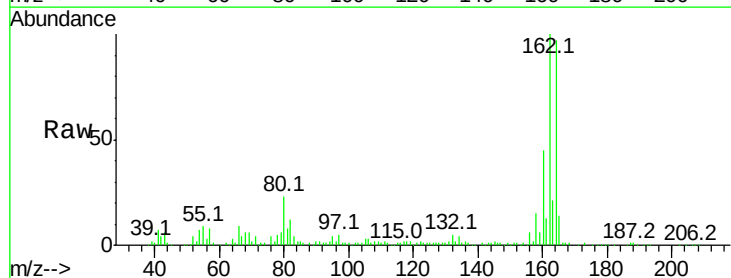
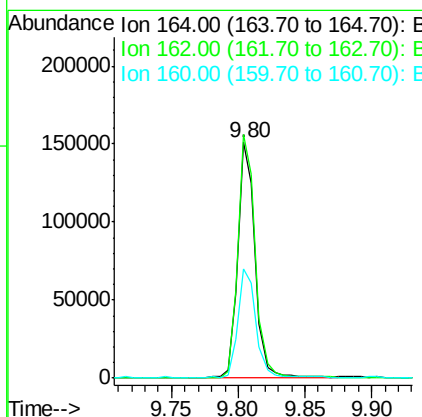
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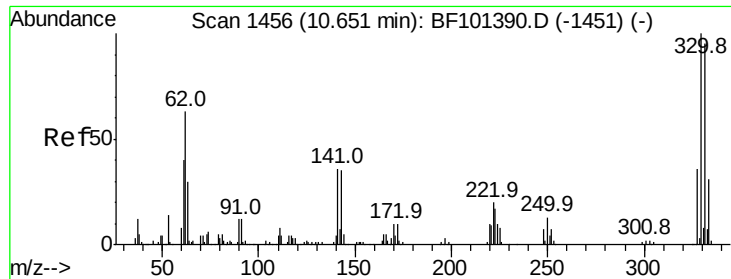
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BF101863.D
 Acq: 3 Jan 2018 16:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	46.1	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 54.746 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF101863.D

Acq: 3 Jan 2018 16:44

Instrument :

BNA_F

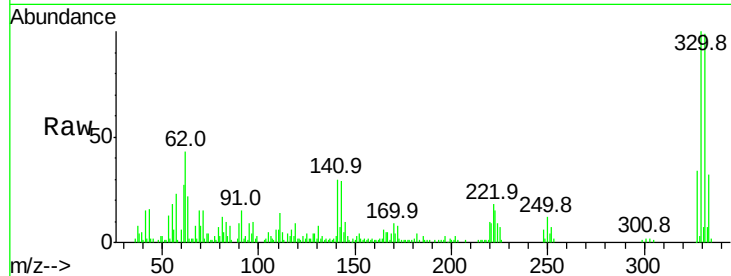
ClientSampleId :

SU-03-010218

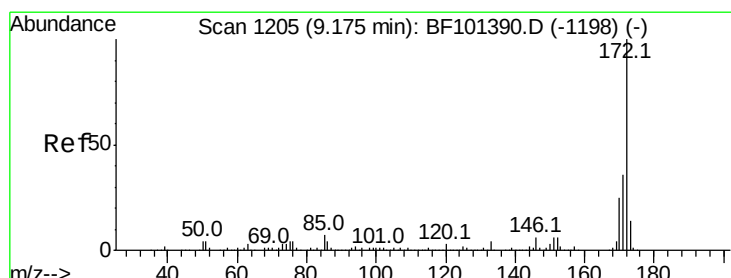
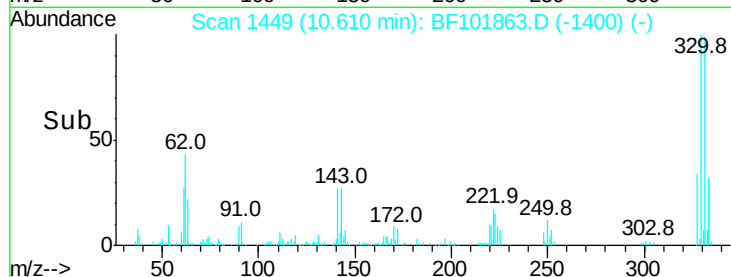
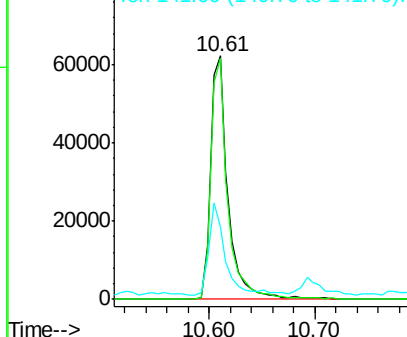
Tot Ion:	330	Resp:	72050
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.0	115.6
141	34.9	29.9	44.9

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 41.618 ng

RT: 9.12 min Scan# 1196

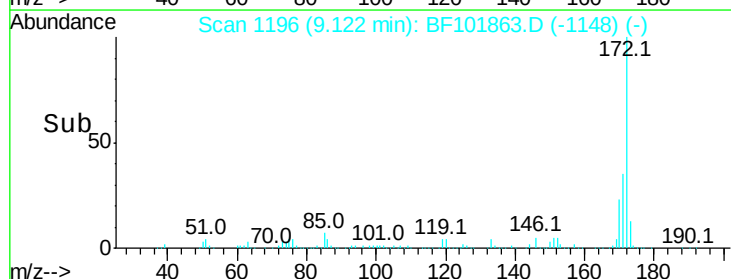
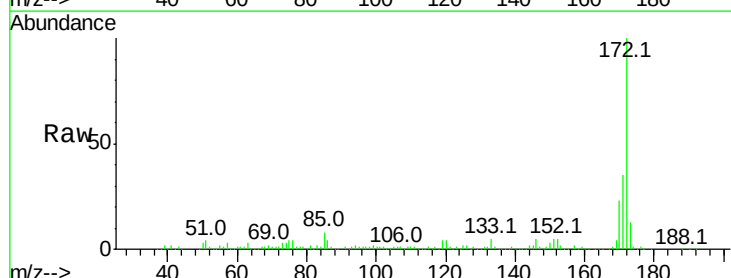
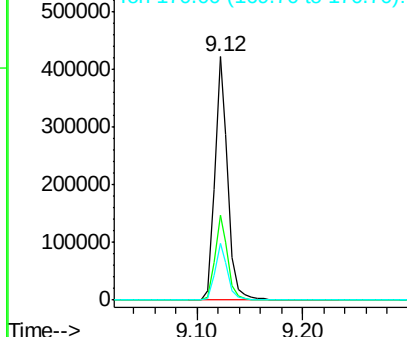
Delta R.T. -0.02 min

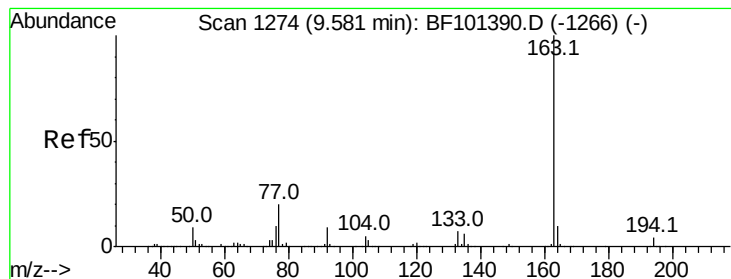
Lab File: BF101863.D

Acq: 3 Jan 2018 16:44

Tgt Ion:	172	Resp:	366440
Ion Ratio	Lower	Upper	
172	100		
171	35.0	29.7	44.5
170	23.4	19.6	29.4

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: 2.779 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF101863.D

Acq: 3 Jan 2018 16:44

Instrument :

BNA_F

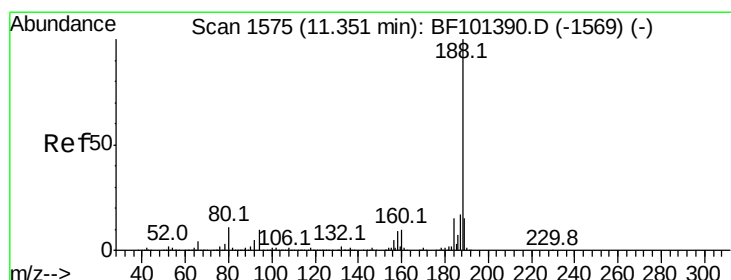
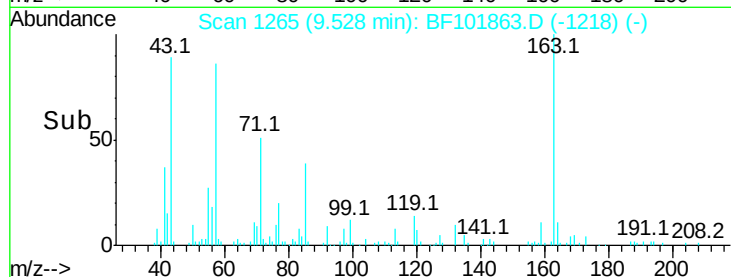
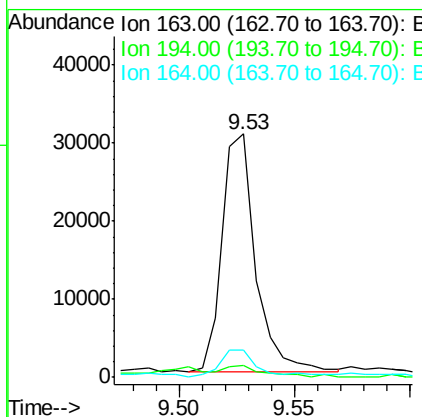
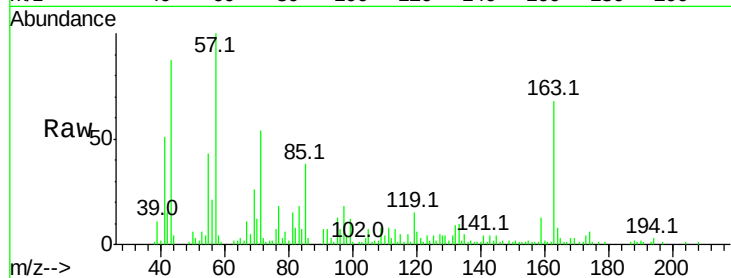
ClientSampleId :

SU-03-010218

Tot Ion:	163	Resp:	30527
Ion Ratio	Lower	Upper	
163	100		
194	4.8	2.7	4.1#
164	11.1	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

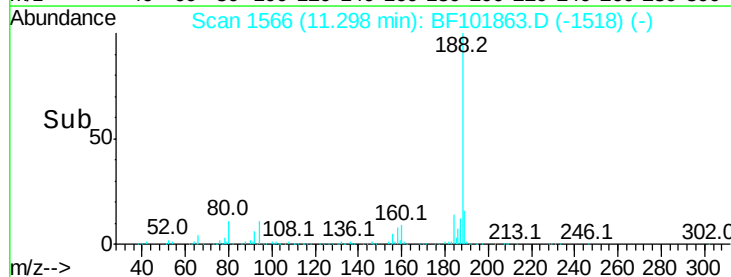
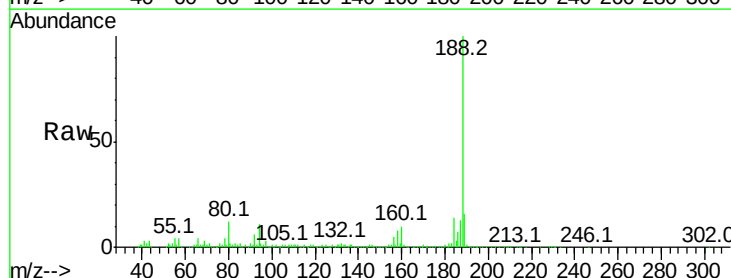
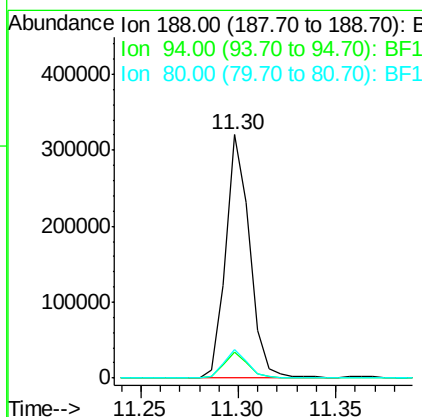
RT: 11.30 min Scan# 1566

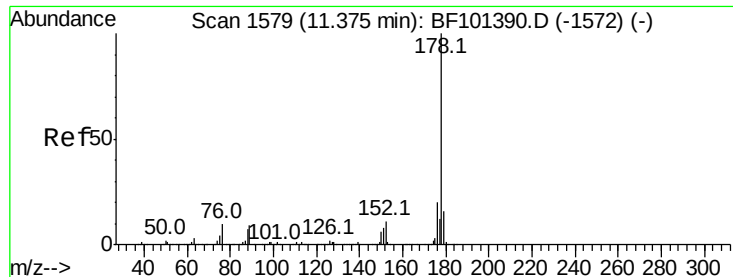
Delta R.T. -0.02 min

Lab File: BF101863.D

Acq: 3 Jan 2018 16:44

Tgt Ion:	188	Resp:	273348
Ion Ratio	Lower	Upper	
188	100		
94	10.9	8.5	12.7
80	11.7	9.2	13.8





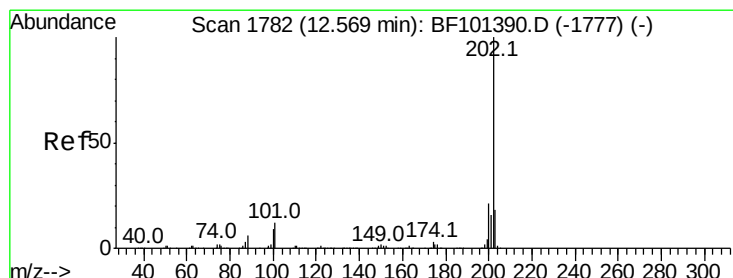
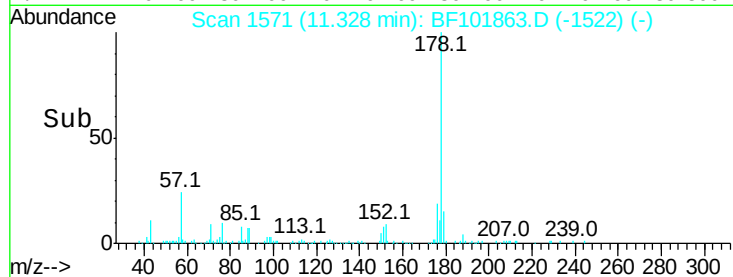
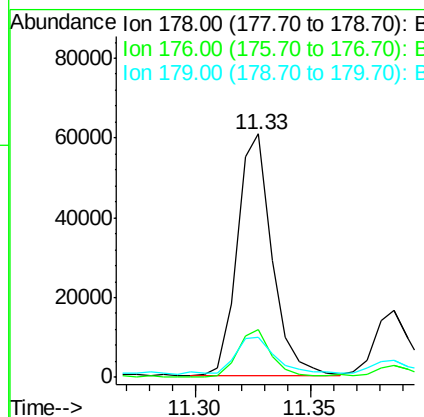
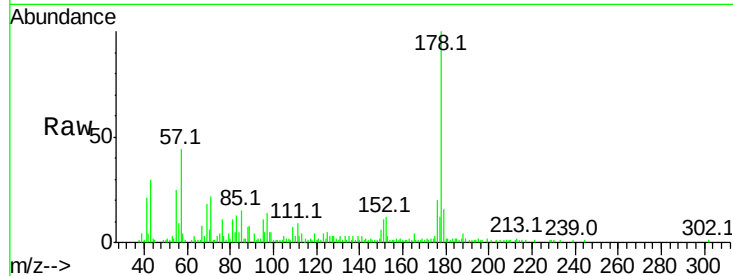
#70
Phenanthrene
Concen: 4.186 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF101863.D
Acq: 3 Jan 2018 16:44

Instrument :
BNA_F
ClientSampleId :
SU-03-010218

Tot Ion:178	Resp:	63630
Ion Ratio	Lower	Upper
178	100	
176	19.9	15.8 23.8
179	16.3	13.0 19.6

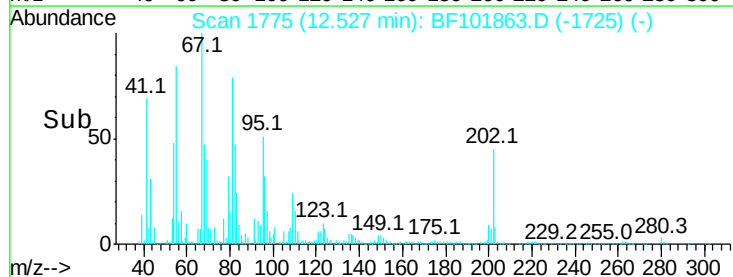
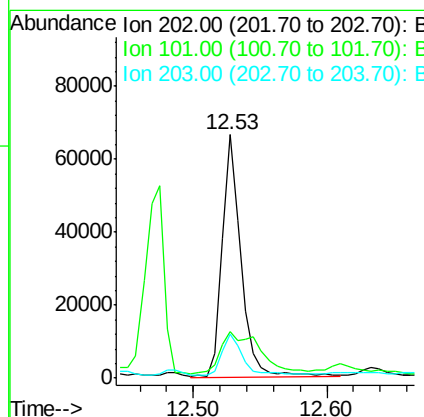
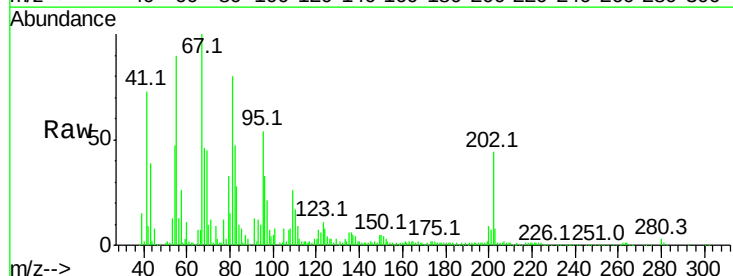
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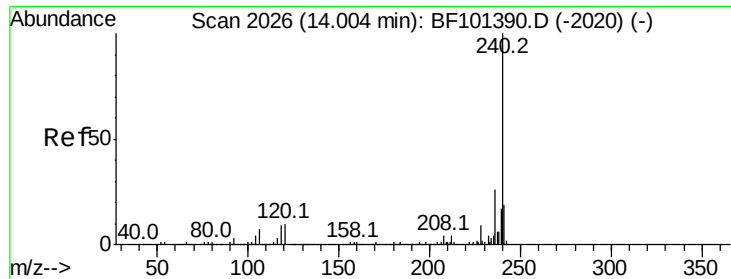
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#74
Fluoranthene
Concen: 4.180 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF101863.D
Acq: 3 Jan 2018 16:44

Tgt Ion:202	Resp:	66701
Ion Ratio	Lower	Upper
202	100	
101	19.0	0.0 34.1
203	18.1	0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.02 min

Lab File: BF101863.D

Acq: 3 Jan 2018 16:44

Instrument :

BNA_F

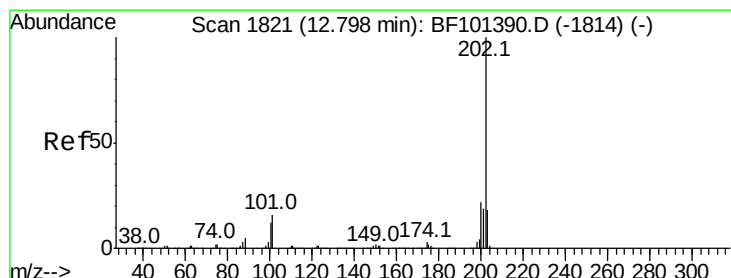
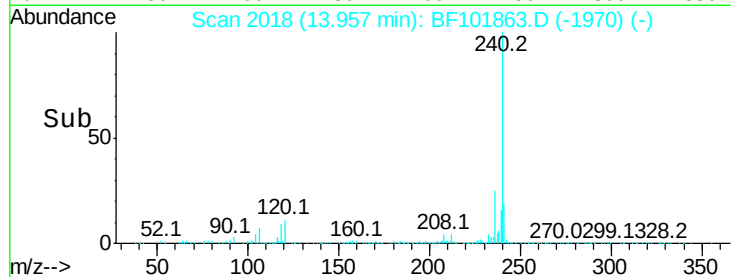
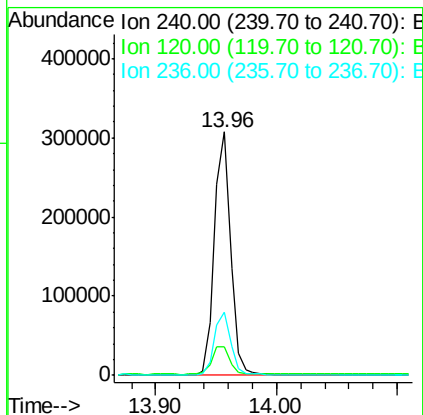
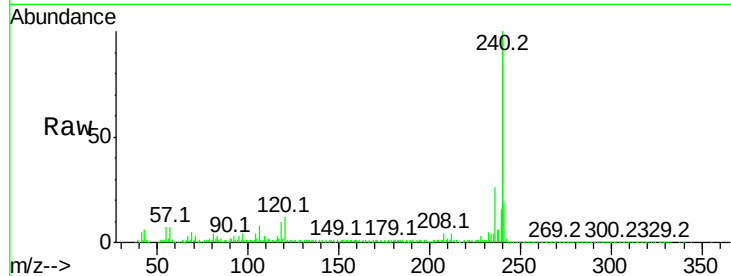
ClientSampleId :

SU-03-010218

Tot Ion:	240	Resp:	280237
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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#77

Pyrene

Concen: 3.702 ng

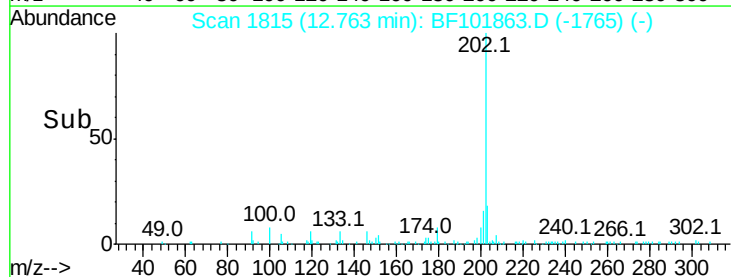
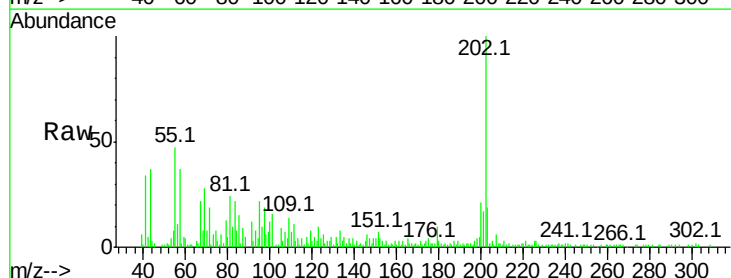
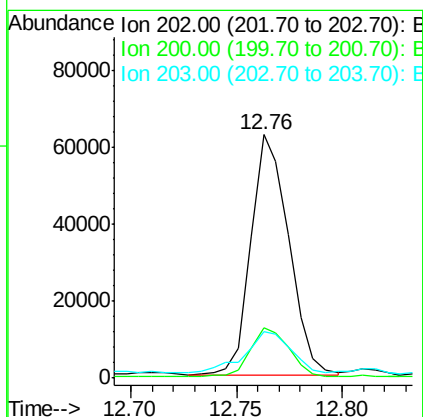
RT: 12.76 min Scan# 1815

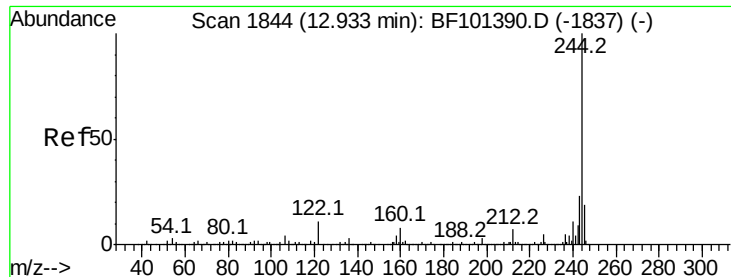
Delta R.T. -0.01 min

Lab File: BF101863.D

Acq: 3 Jan 2018 16:44

Tgt Ion:	202	Resp:	77857
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.4	26.2
203	19.2	14.3	21.5





#78

Terphenyl-d14

Concen: 34.422 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF101863.D

Acq: 3 Jan 2018 16:44

Instrument :

BNA_F

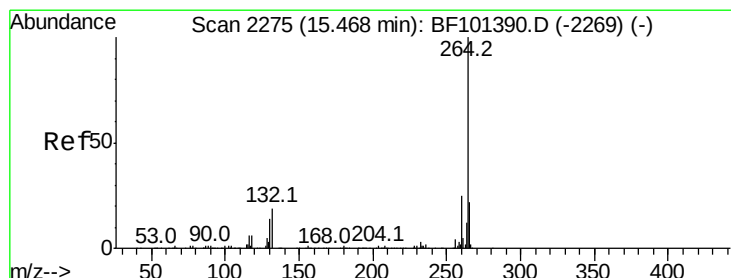
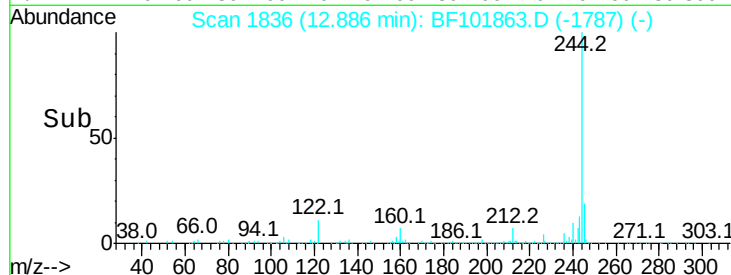
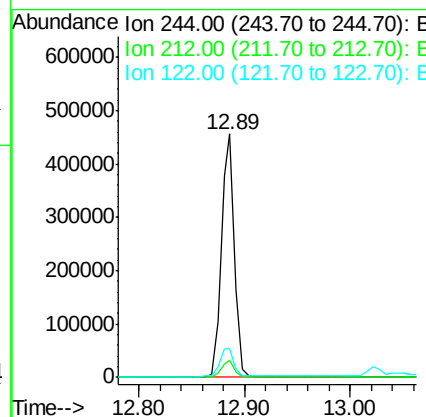
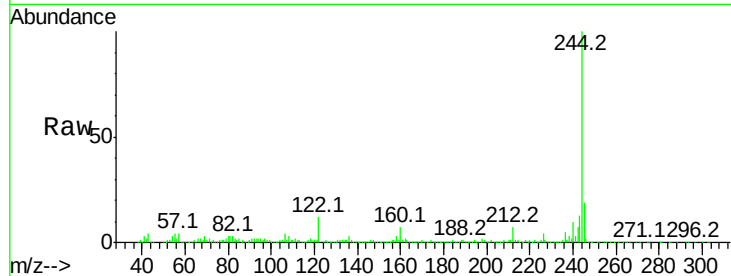
ClientSampleId :

SU-03-010218

Tot Ion:	244	Resp:	400135
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	11.5	11.0	16.4

Manual Integrations
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Sohil
1/4/2018 1:56:27 PM



#86

Perylene-d12

Concen: 20.000 ng

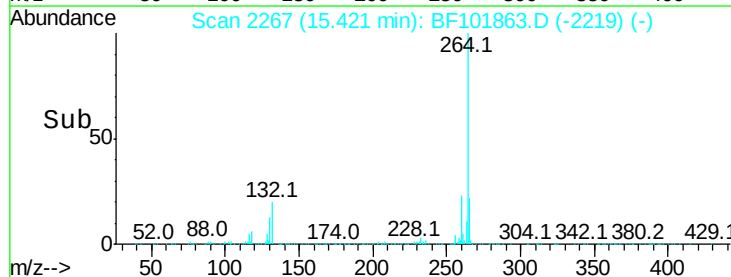
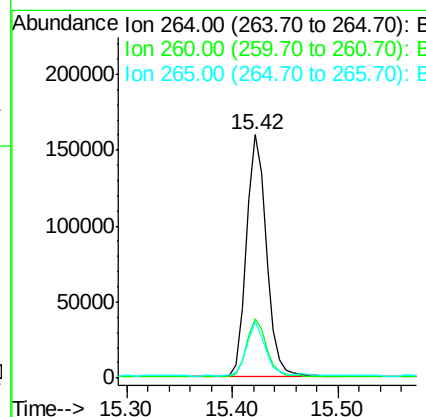
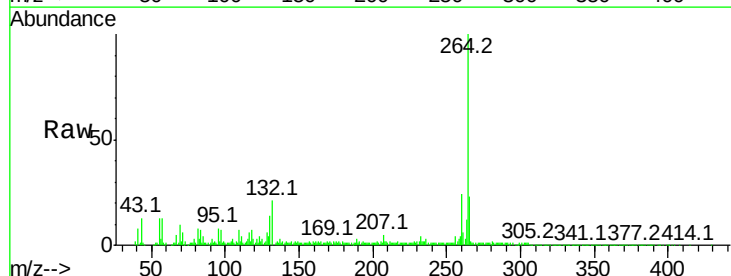
RT: 15.42 min Scan# 2267

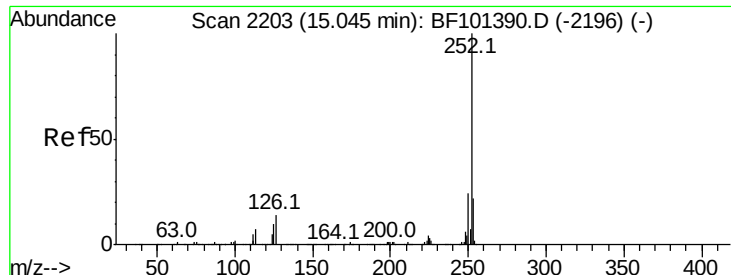
Delta R.T. -0.02 min

Lab File: BF101863.D

Acq: 3 Jan 2018 16:44

Tgt Ion:	264	Resp:	209762
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.2	28.8
265	23.1	17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 2.639 ng/ml
 RT: 15.00 min Scan# 2196
 Delta R.T. -0.01 min
 Lab File: BF101863.D
 Acq: 3 Jan 2018 16:44

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-010218

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.3	17.0	25.6#
125	35.1	9.0	13.6#

Manual Integrations
 APPROVED

Sohil
 1/4/2018 1:56:27 PM

