

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
 Data File : BF101956.D
 Acq On : 9 Jan 2018 17:03
 Operator : SJ/JU
 Sample : J1022-04 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-010818

Manual Integrations
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Sohil
 1/10/2018 11:45:05 AM

Quant Time: Jan 10 04:44:41 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 15:20:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	227288	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	796674	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	292363	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	428236	20.00	ng	0.00
75) Chrysene-d12	13.88	240	429954	20.00	ng	0.00
86) Perylene-d12	15.30	264	353562	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	369575	22.96	ng	0.00
7) Phenol-d6	6.35	99	429671	22.37	ng	0.00
23) Nitrobenzene-d5	7.29	82	249414	18.40	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	51211	20.07	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	372148	19.89	ng	0.00
78) Terphenyl-d14	12.84	244	264837	12.79	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.72	142	56682	2.163	ng	97
70) Phenanthrene	11.26	178	126538	5.059	ng	99
74) Fluoranthene	12.46	202	63944m	2.598	ng	
77) Pyrene	12.69	202	116349	3.061	ng	98

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

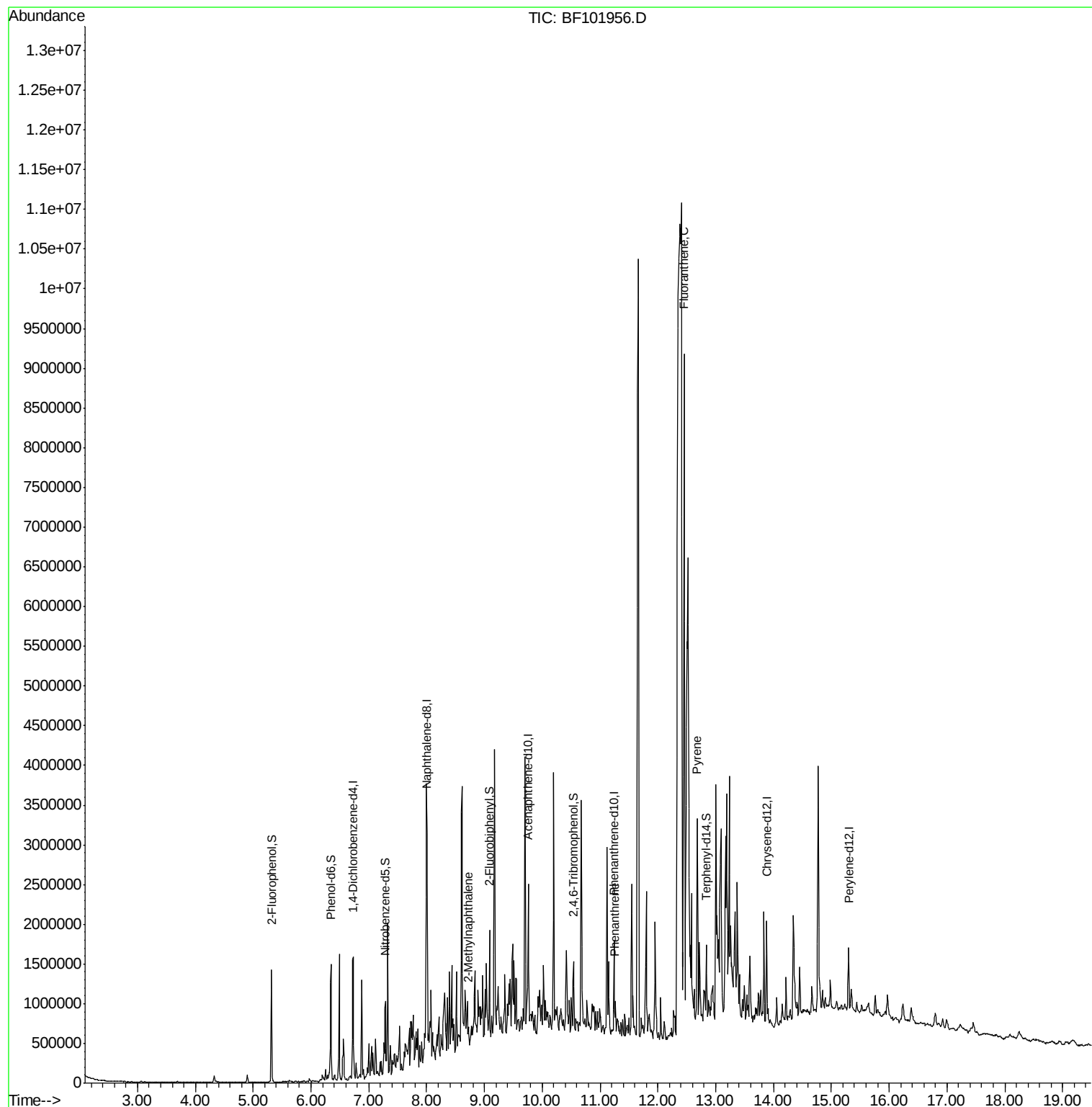
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
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Misc :
ALS Vial : 5 Sample Multiplier: 1

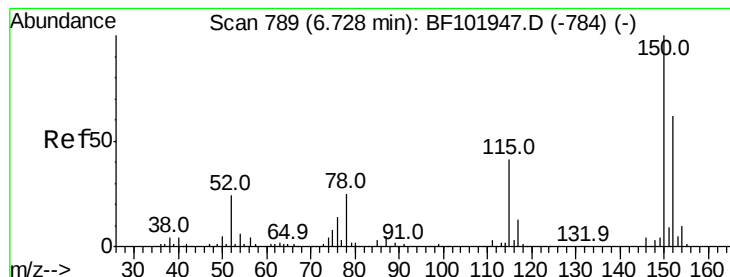
Instrument :
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SU-04-010818

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#1

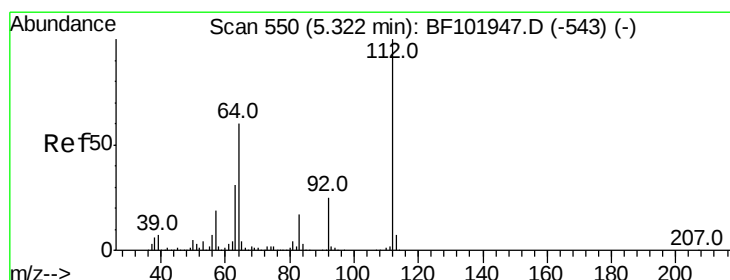
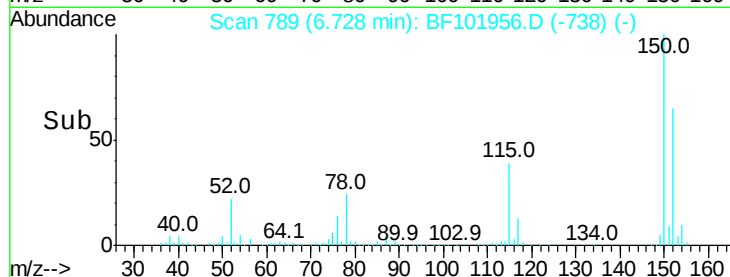
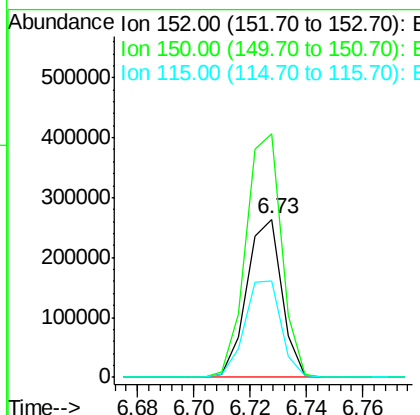
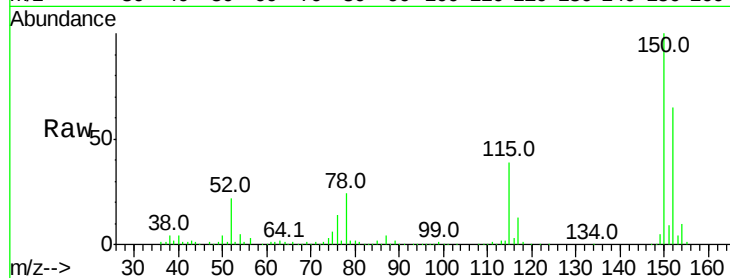
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :
SU-04-010818

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.6	186.8
115	60.9	50.1	75.1

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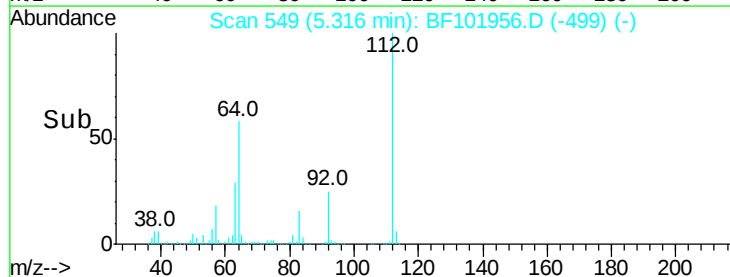
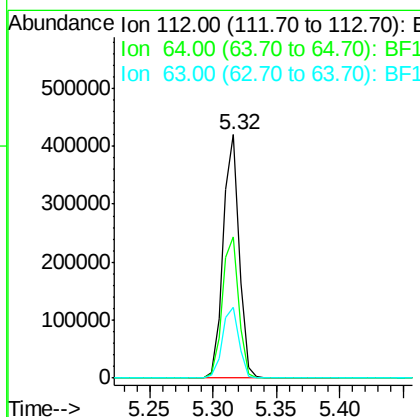
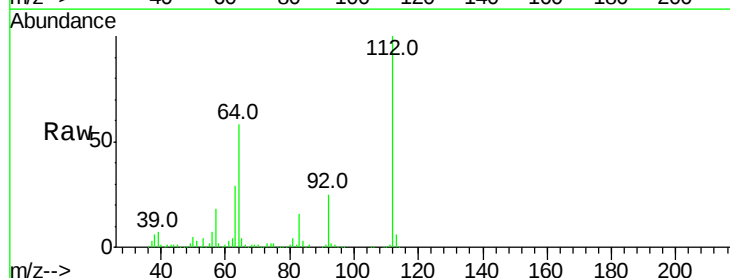
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#5

2-Fluorophenol
Concen: 22.961 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.9	71.9
63	29.1	23.7	35.5





#7

Phenol-d6

Concen: 22.374 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF101956.D

Acq: 9 Jan 2018 17:03

Instrument :

BNA_F

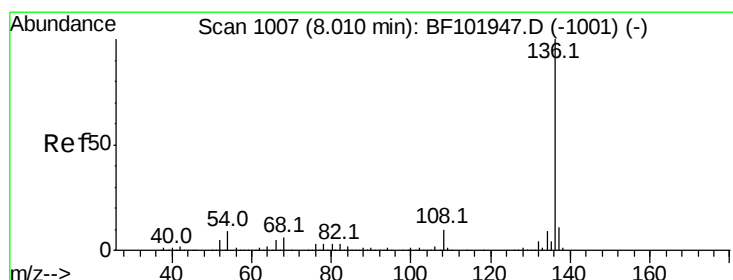
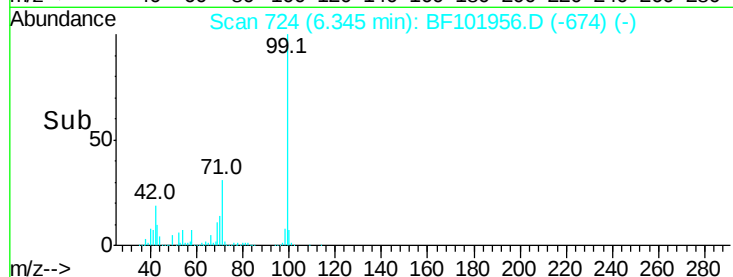
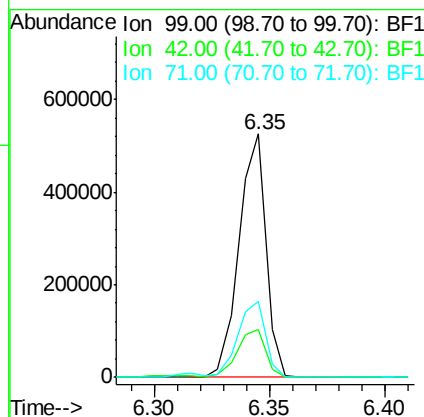
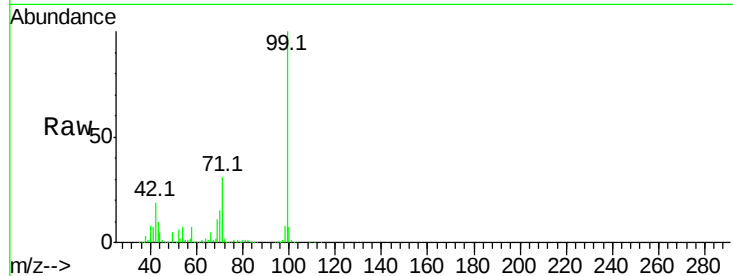
ClientSampleId :

SU-04-010818

Tot Ion:	99	Resp:	429671
Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	31.1	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

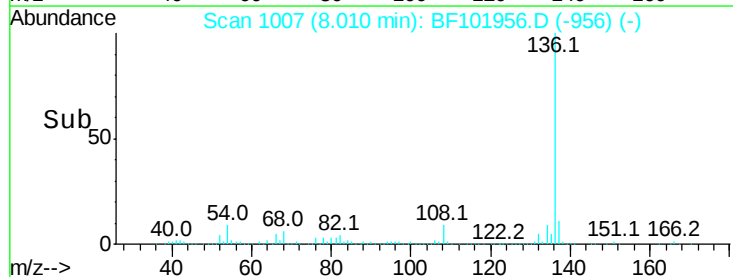
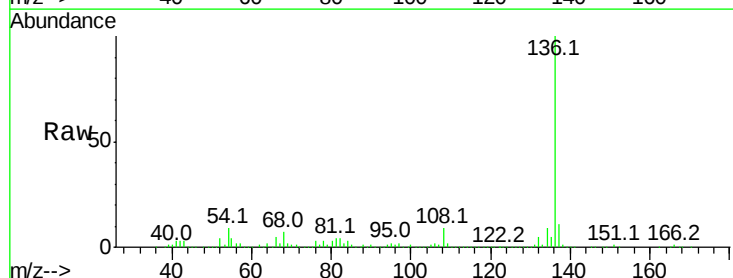
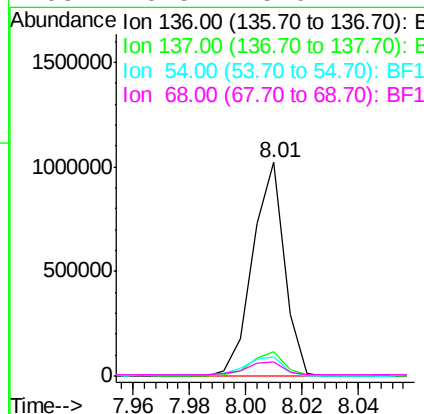
RT: 8.01 min Scan# 1007

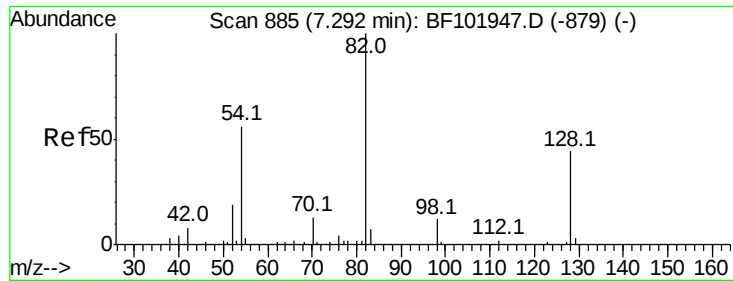
Delta R.T. -0.00 min

Lab File: BF101956.D

Acq: 9 Jan 2018 17:03

Tgt Ion:	136	Resp:	796674
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.9	6.6	9.8
68	6.5	5.0	7.4





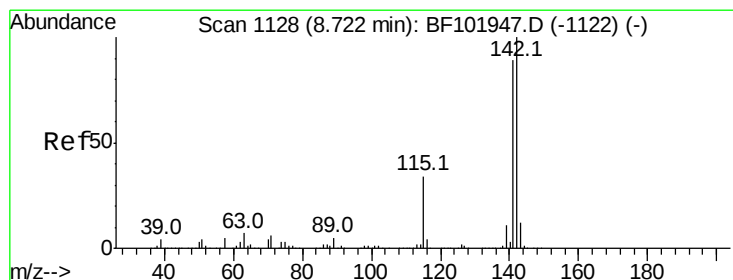
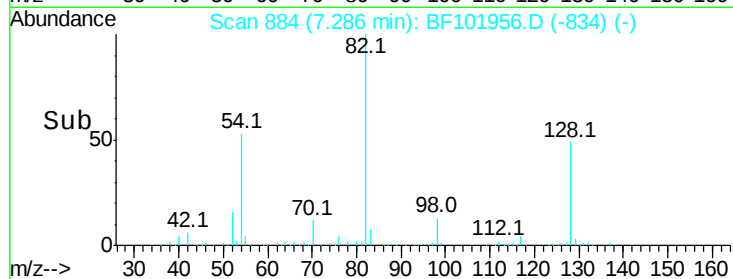
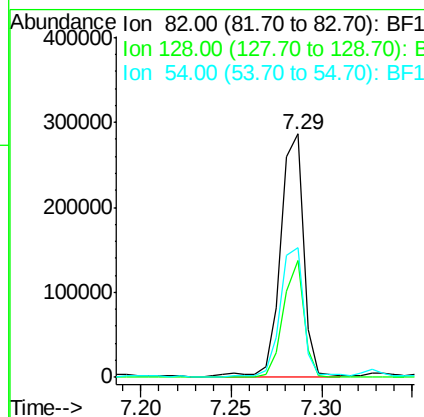
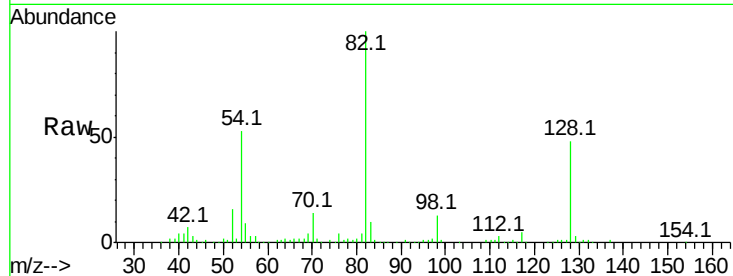
#23
Nitrobenzene-d5
Concen: 18.397 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :
SU-04-010818

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.1	54.1
54	53.0	41.4	62.2

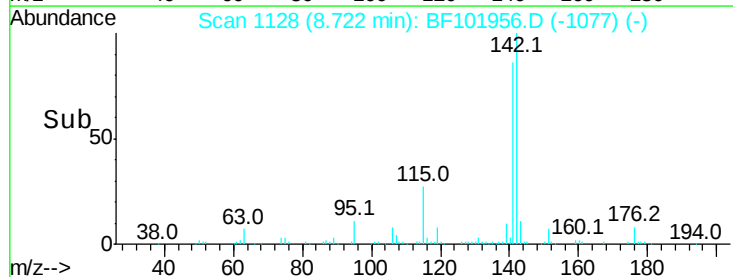
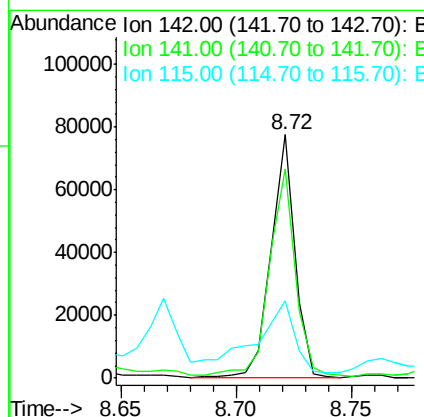
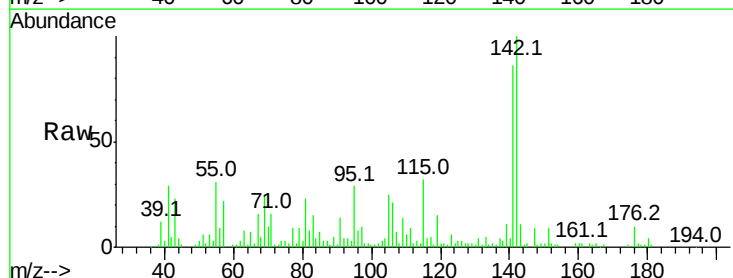
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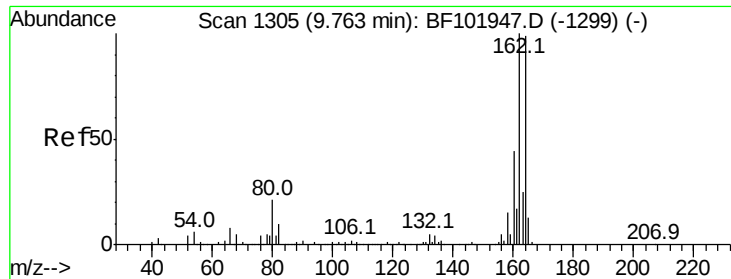
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#37
2-Methylnaphthalene
Concen: 2.163 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.7	70.8	106.2
115	31.7	26.1	39.1





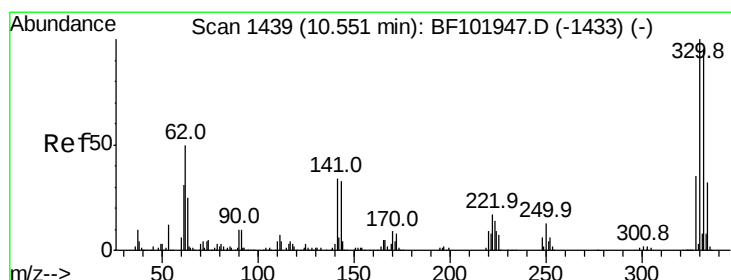
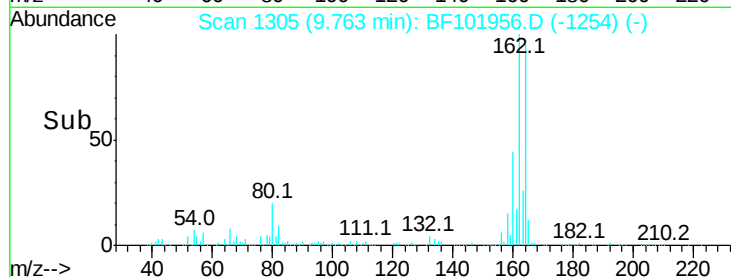
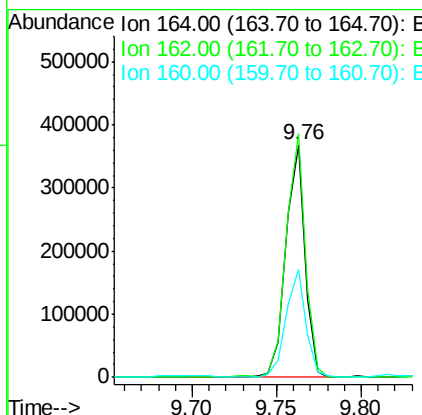
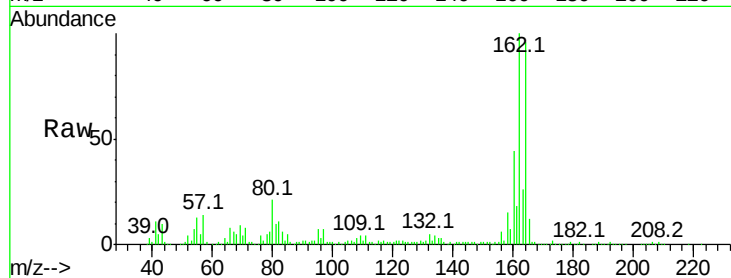
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :
SU-04-010818

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	46.5	38.3	57.5

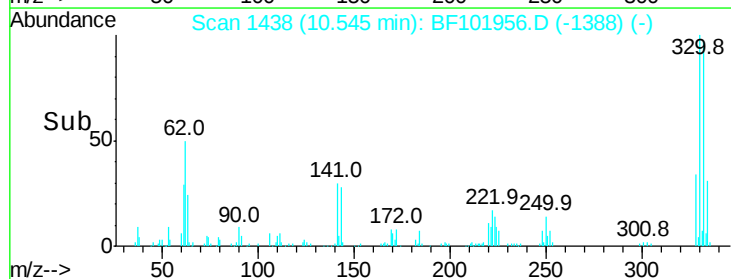
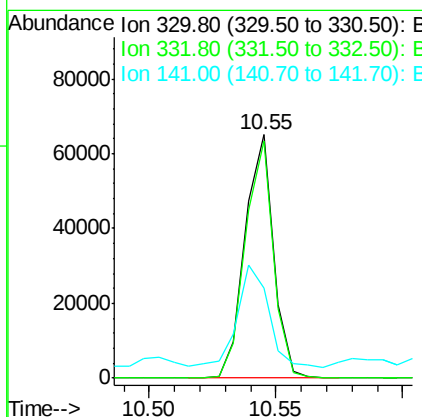
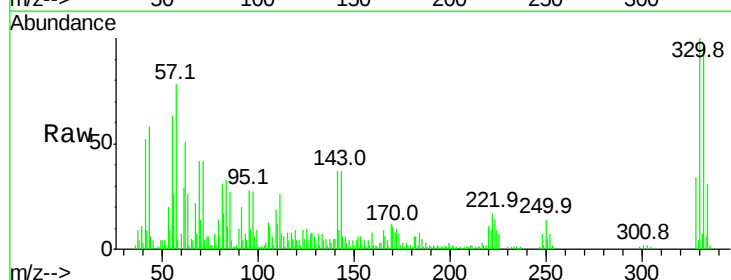
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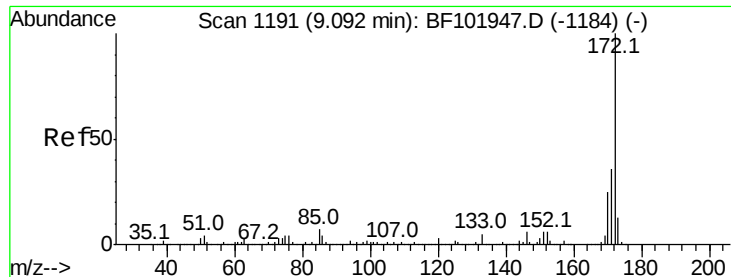
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#41
2,4,6-Tribromophenol
Concen: 20.072 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	45.4	29.9	44.9#





#44

2-Fluorobiphenyl

Concen: 19.886 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF101956.D

Acq: 9 Jan 2018 17:03

Instrument :

BNA_F

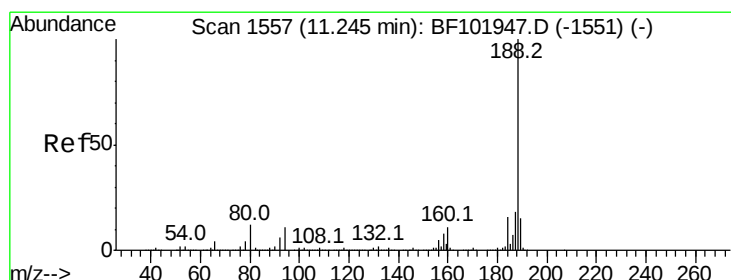
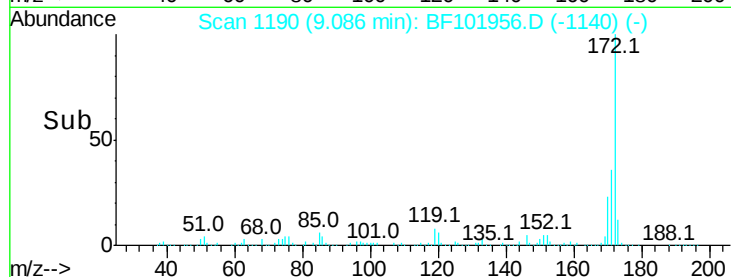
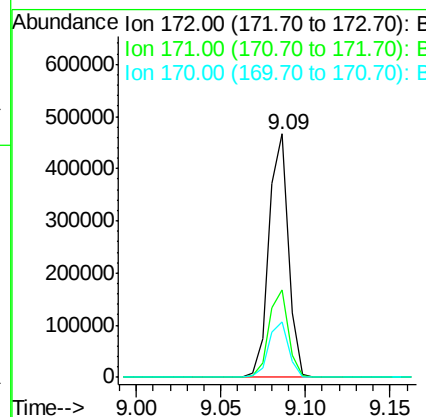
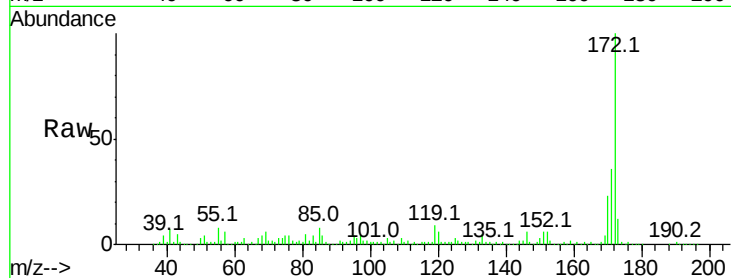
ClientSampleId :

SU-04-010818

Tot Ion:172	Resp:	372148
Ion Ratio	Lower	Upper
172 100		
171 35.7	29.7	44.5
170 23.0	19.6	29.4

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#63

Phenanthrene-d10

Concen: 20.000 ng

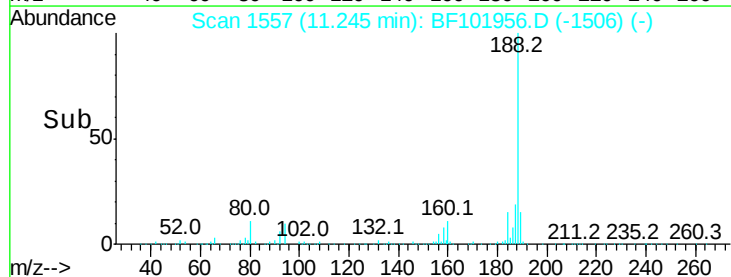
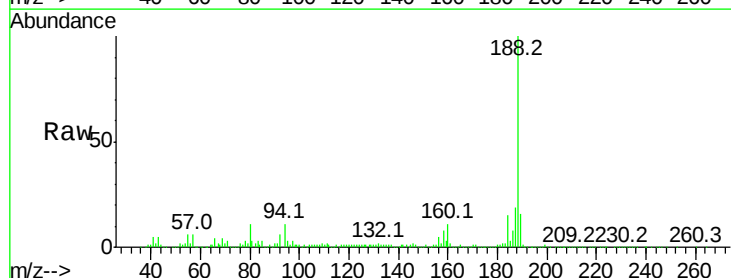
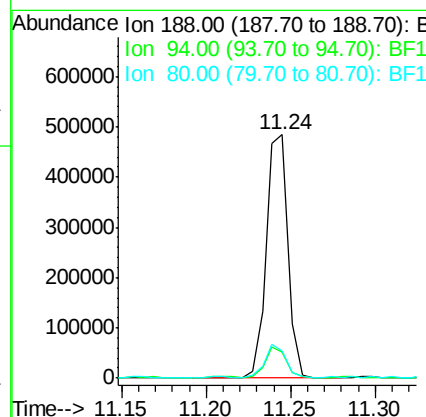
RT: 11.24 min Scan# 1557

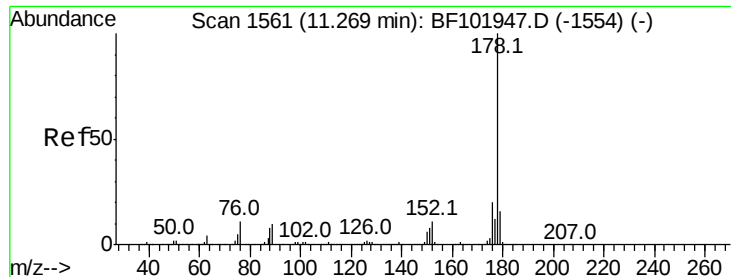
Delta R.T. -0.00 min

Lab File: BF101956.D

Acq: 9 Jan 2018 17:03

Tgt Ion:188	Resp:	428236
Ion Ratio	Lower	Upper
188 100		
94 10.5	8.5	12.7
80 11.2	9.2	13.8





#70

Phenanthrene

Concen: 5.059 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF101956.D

Acq: 9 Jan 2018 17:03

Instrument :

BNA_F

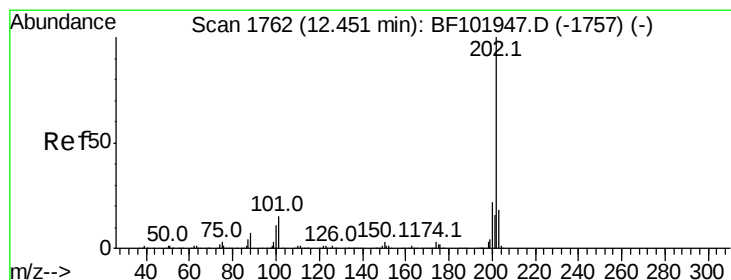
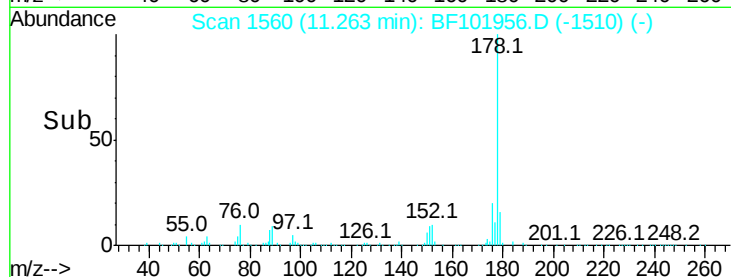
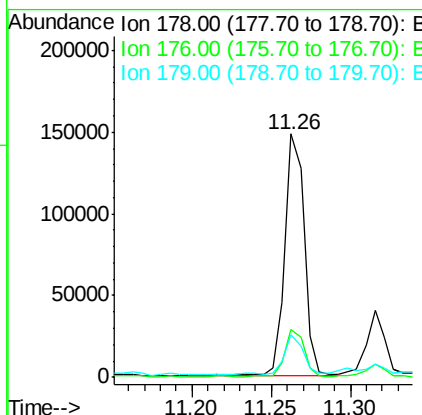
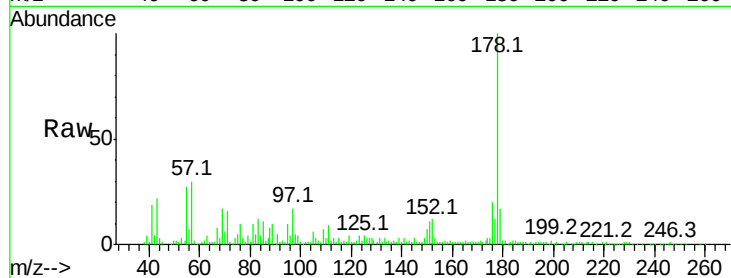
ClientSampleId :

SU-04-010818

Tot Ion:	178	Resp:	126538
Ion Ratio	Lower	Upper	
178	100		
176	19.9	15.8	23.8
179	17.5	13.0	19.6

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#74

Fluoranthene

Concen: 2.598 ng m

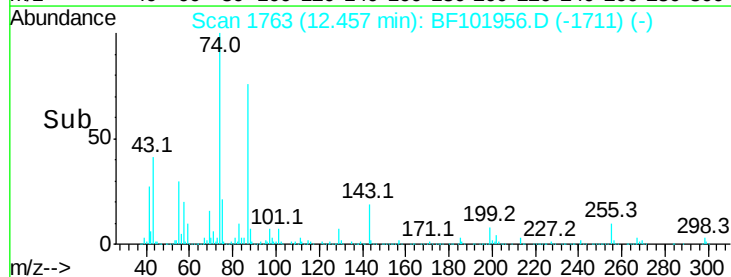
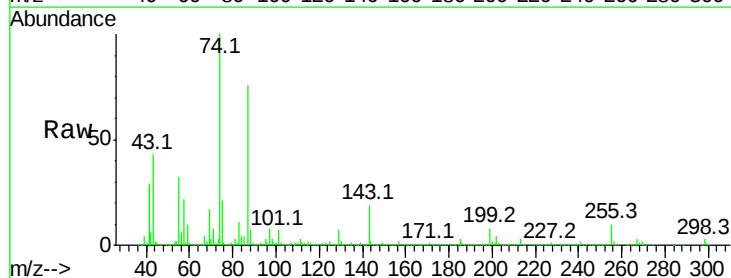
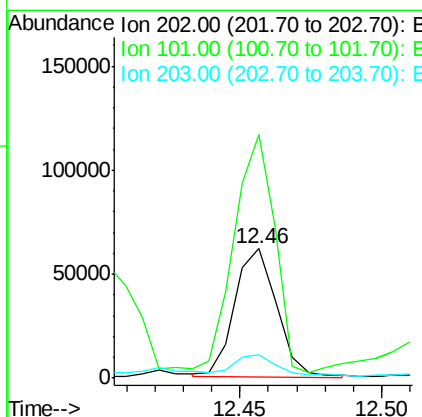
RT: 12.46 min Scan# 1763

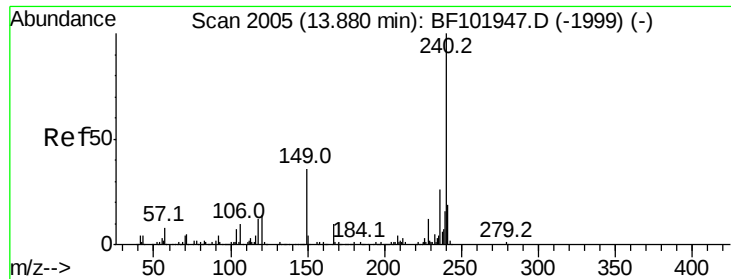
Delta R.T. 0.01 min

Lab File: BF101956.D

Acq: 9 Jan 2018 17:03

Tgt Ion:	202	Resp:	63944
Ion Ratio	Lower	Upper	
202	100		
101	188.6	0.0	34.1#
203	18.4	0.0	38.1





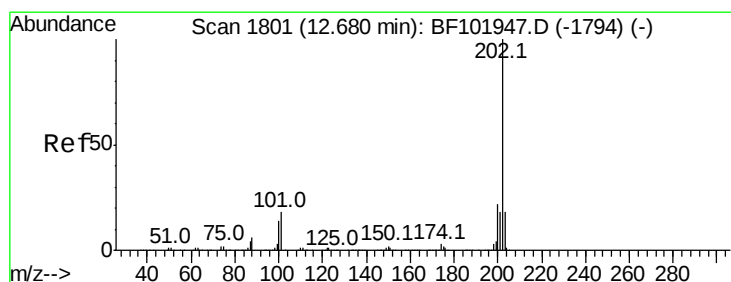
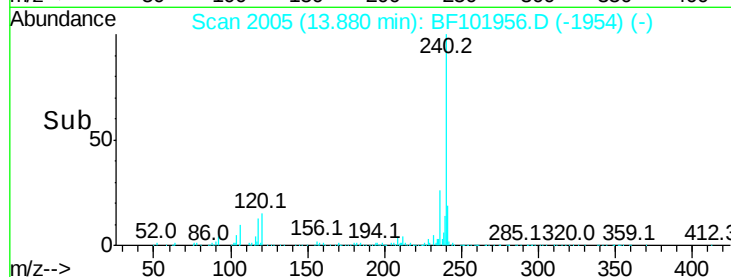
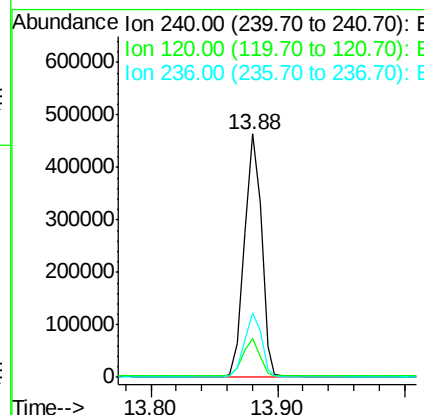
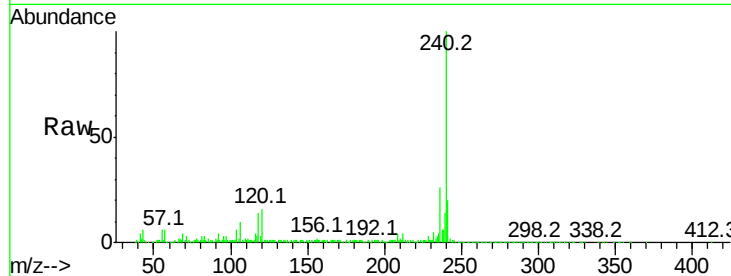
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :
SU-04-010818

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	16.1	9.5	14.3	
236	26.4	20.7	31.1	

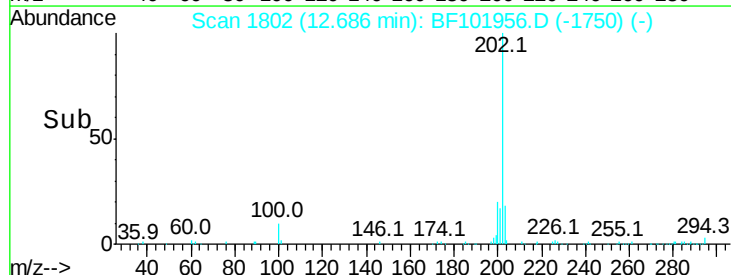
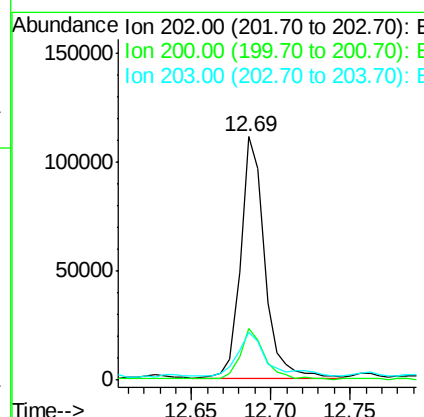
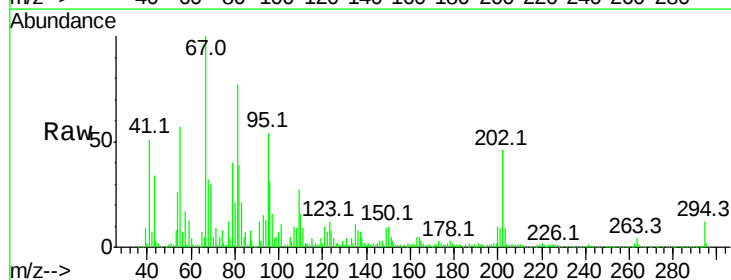
Manual Integrations
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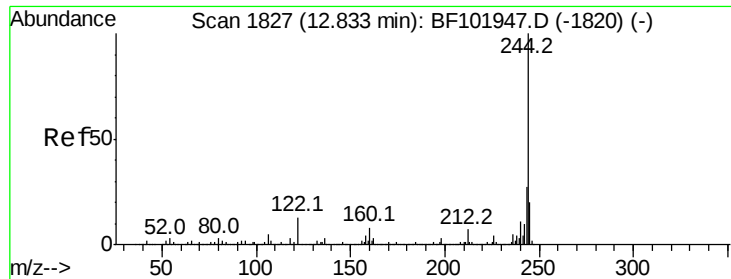
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#77
Pyrene
Concen: 3.061 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.1	17.4	26.2	
203	19.5	14.3	21.5	





#78

Terphenyl-d14

Concen: 12.789 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF101956.D

Acq: 9 Jan 2018 17:03

Instrument :

BNA_F

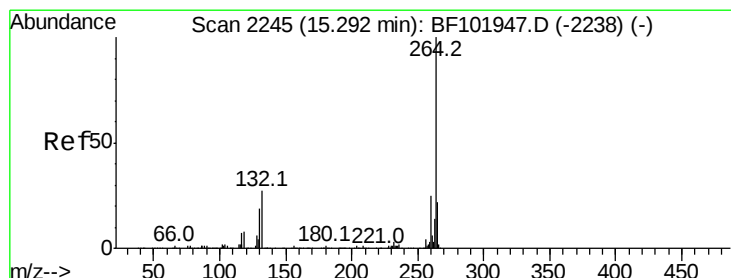
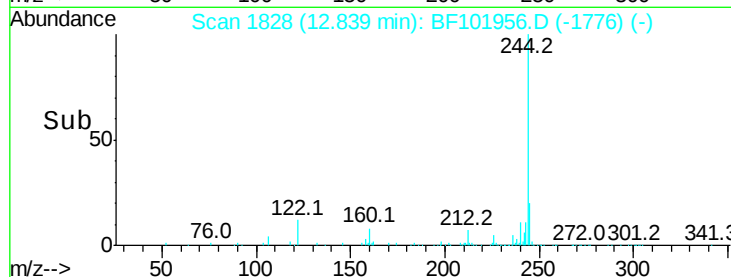
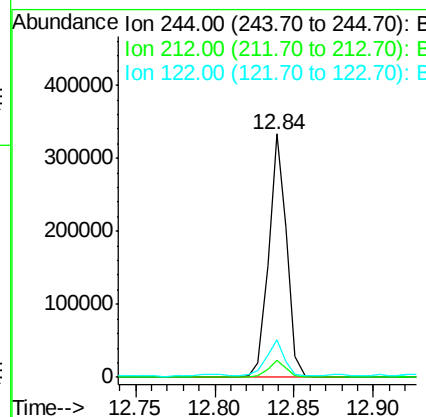
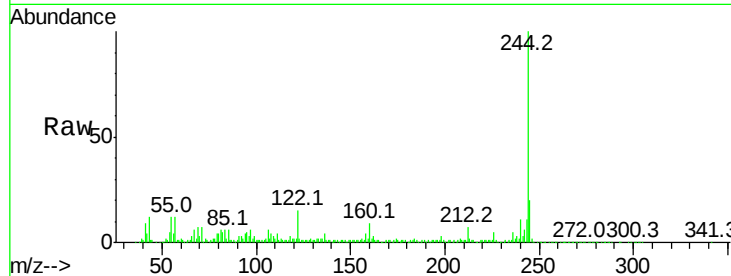
ClientSampleId :

SU-04-010818

Tot Ion:	244	Resp:	264837
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.0
122	15.2	11.0	16.4

Manual Integrations
APPROVED

Sohil
1/10/2018 11:45:05 AM



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2246

Delta R.T. 0.01 min

Lab File: BF101956.D

Acq: 9 Jan 2018 17:03

Tgt Ion:	264	Resp:	353562
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.2	28.8
265	22.0	17.5	26.3

