

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103526.D
 Acq On : 8 Mar 2018 19:35
 Operator : SJ/JU
 Sample : J1760-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-030618

Manual Integrations
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Sohil
 3/9/2018 11:39:36 AM

Quant Time: Mar 09 00:46:42 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 08 14:20:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	144843	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	557956	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	202725	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	312965	20.00	ng	0.00
75) Chrysene-d12	14.06	240	234248	20.00	ng	0.00
86) Perylene-d12	15.56	264	183626	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	440071	45.95	ng	0.00
7) Phenol-d6	6.50	99	570610	48.69	ng	0.00
23) Nitrobenzene-d5	7.43	82	333694	34.15	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	59012	34.39	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	501251	36.61	ng	0.00
78) Terphenyl-d14	12.98	244	327690	33.63	ng	0.00
Target Compounds						
48) Acenaphthylene	9.77	152	75242	3.639	ng	Qvalue 100
70) Phenanthrene	11.43	178	137357	7.975	ng	98
71) Anthracene	11.48	178	57092	3.233	ng	99
73) Di-n-butylphthalate	11.94	149	81498	3.703	ng	99
74) Fluoranthene	12.62	202	181851	10.507	ng	99
77) Pyrene	12.85	202	177125	9.698	ng	99
80) Benzo(a)anthracene	14.04	228	80952	5.326	ng	96
82) Chrysene	14.08	228	80805	5.475	ng	95
85) Indeno(1,2,3-cd)pyrene	17.11	276	37585	3.217	ng	94
87) Benzo(b)fluoranthene	15.12	252	83456m	6.912	ng	
88) Benzo(k)fluoranthene	15.14	252	30541m	2.686	ng	
89) Benzo(a)pyrene	15.50	252	64546	5.987	ng	# 85
91) Benzo(a,h,i)perylene	17.58	276	41348	5.078	ng	# 88

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

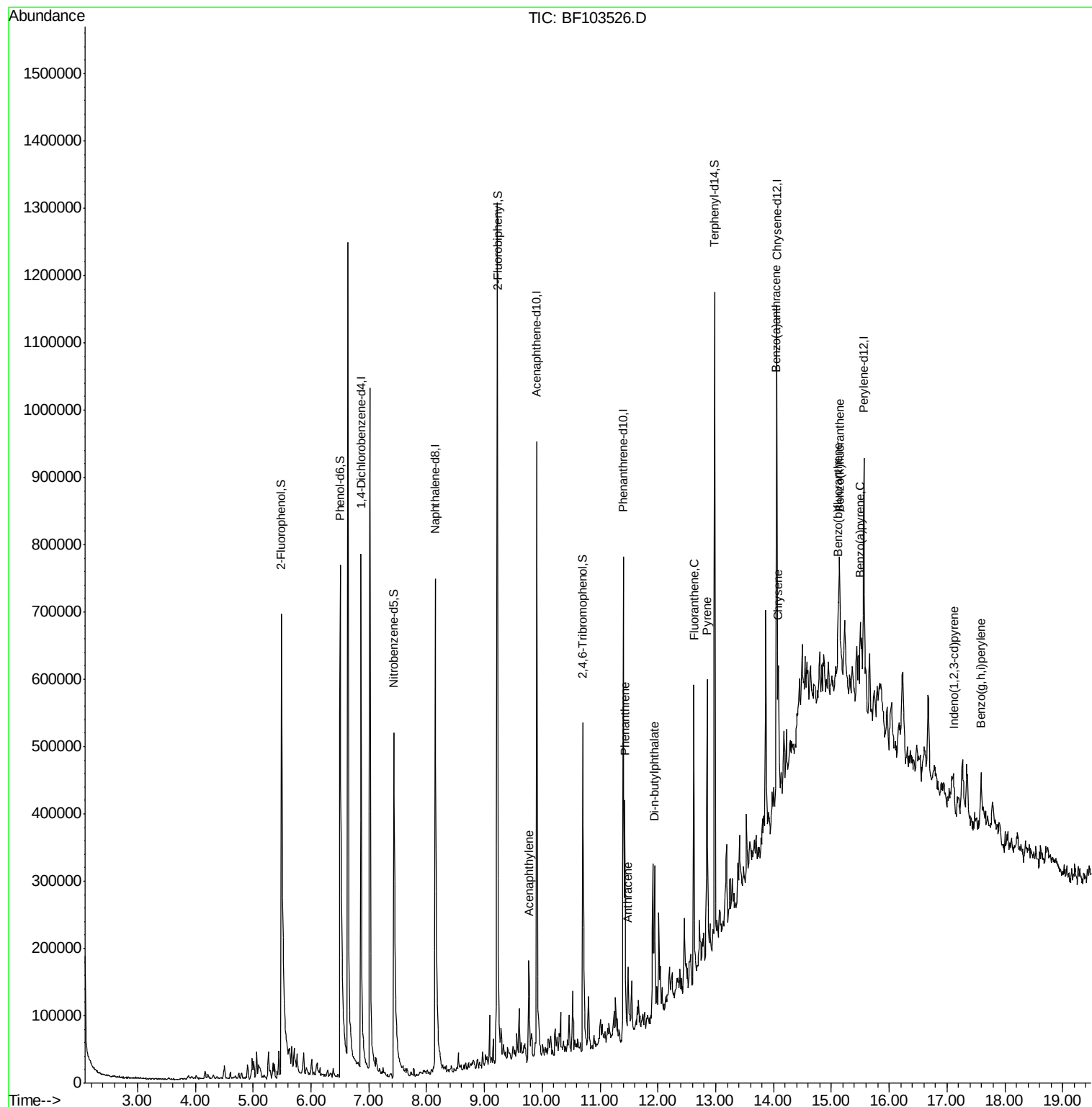
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
Data File : BF103526.D
Acq On : 8 Mar 2018 19:35
Operator : SJ/JU
Sample : J1760-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

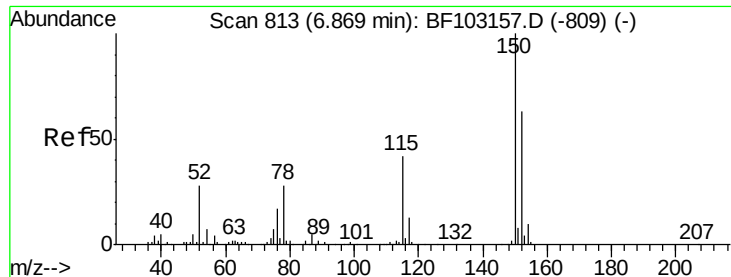
Instrument :
BNA_F
ClientSampleId :
SU-04-030618

Manual Integrations
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Sohil
3/9/2018 11:39:36 AM

Quant Time: Mar 09 00:46:42 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

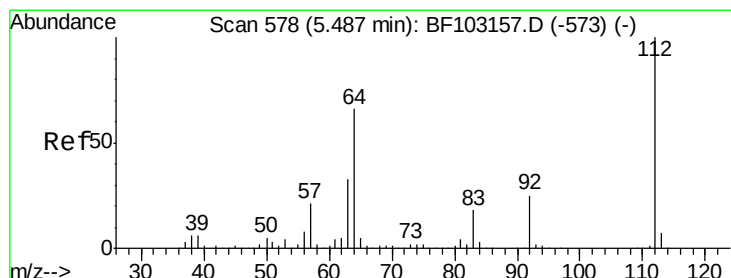
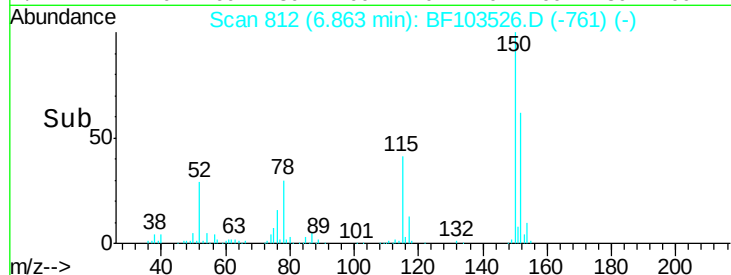
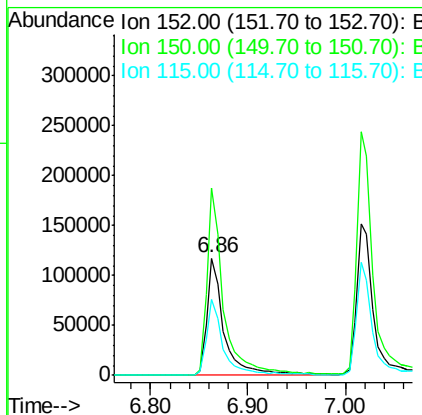
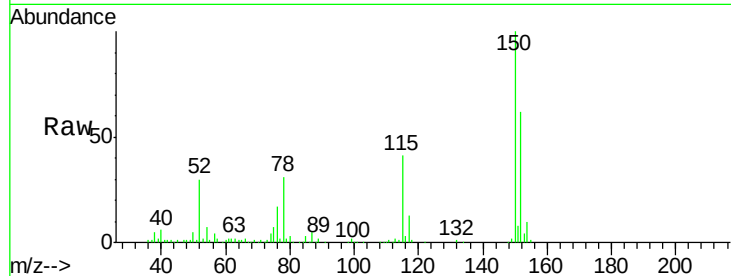
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF103526.D
Acq: 8 Mar 2018 19:35

Instrument :
BNA_F
ClientSampleId :
SU-04-030618

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	124.6	186.8
115	65.1	50.1	75.1

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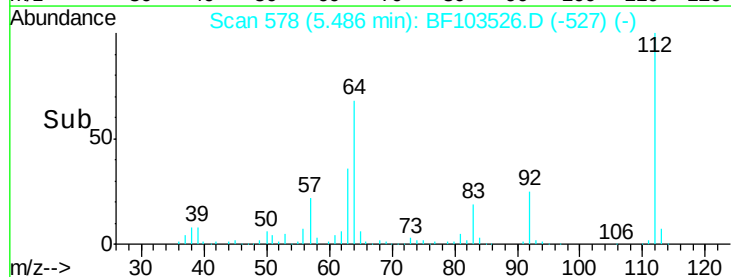
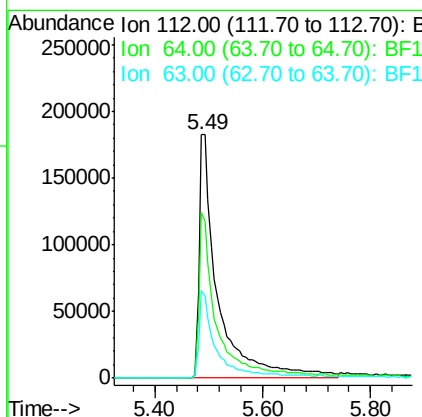
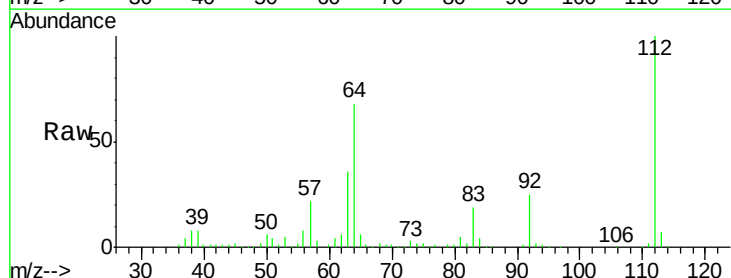
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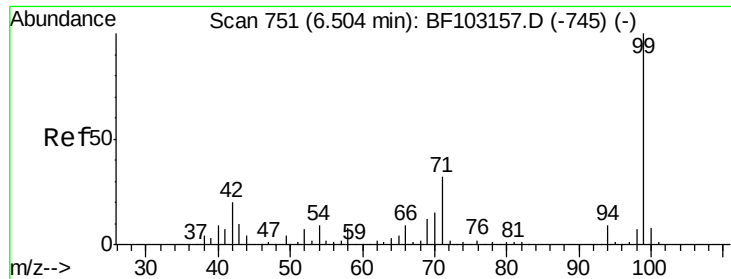


#5

2-Fluorophenol
Concen: 45.952 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.00 min
Lab File: BF103526.D
Acq: 8 Mar 2018 19:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.8	47.9	71.9
63	36.0	23.7	35.5





#7

Phenol-d6

Concen: 48.692 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103526.D

Acq: 8 Mar 2018 19:35

Instrument :

BNA_F

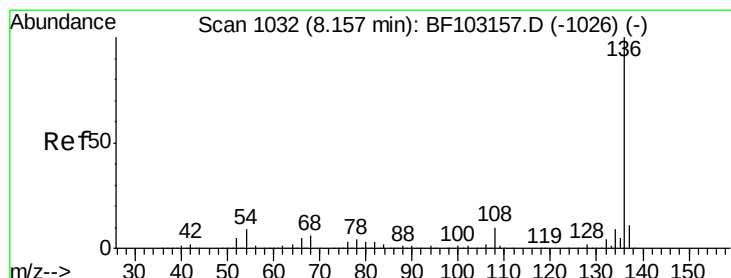
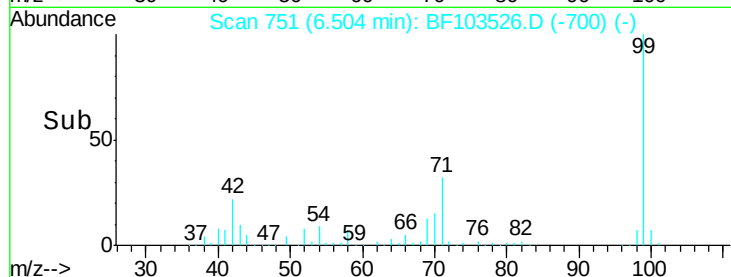
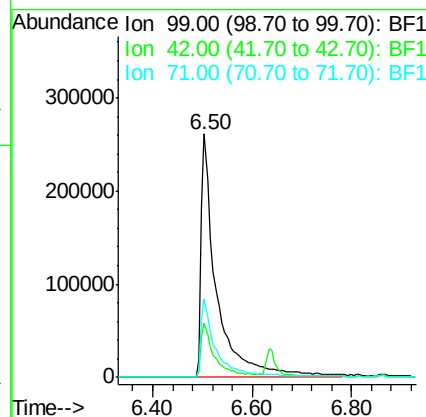
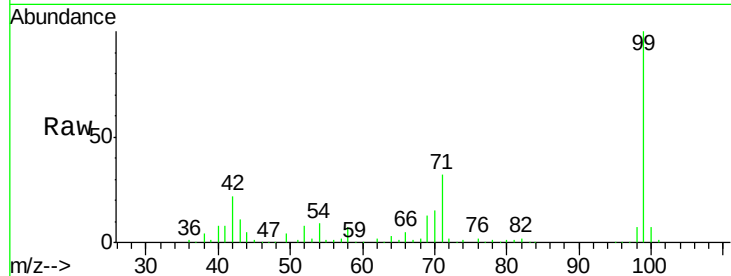
ClientSampleId :

SU-04-030618

Tot Ion:	99	Resp:	570610
Ion Ratio	Lower	Upper	
99	100		
42	22.2	14.5	21.7#
71	32.1	25.4	38.0

Manual Integrations
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#21

Naphthalene-d8

Concen: 20.000 ng

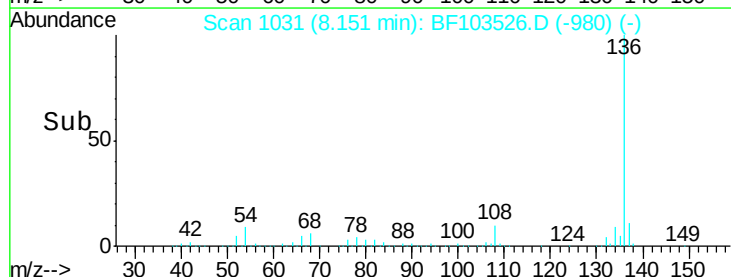
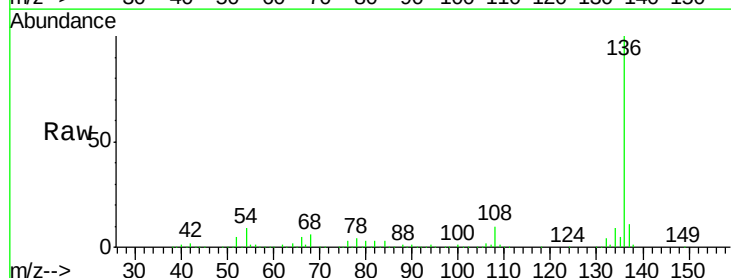
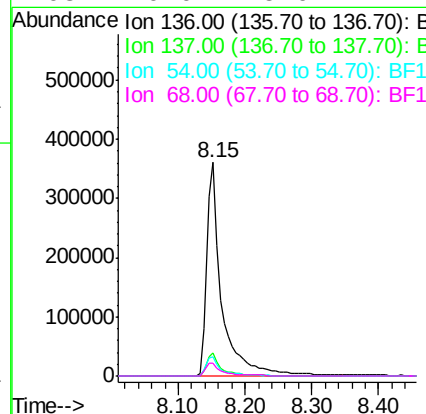
RT: 8.15 min Scan# 1031

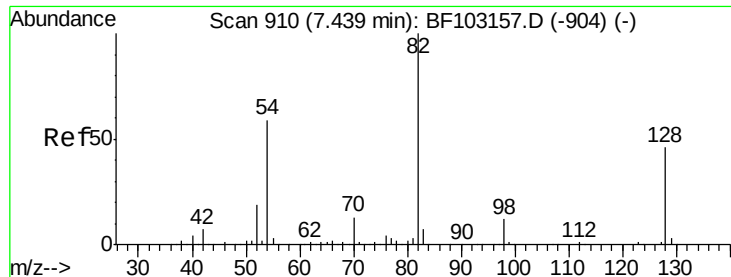
Delta R.T. -0.00 min

Lab File: BF103526.D

Acq: 8 Mar 2018 19:35

Tgt Ion:	136	Resp:	557956
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	8.8	6.6	9.8
68	6.0	5.0	7.4





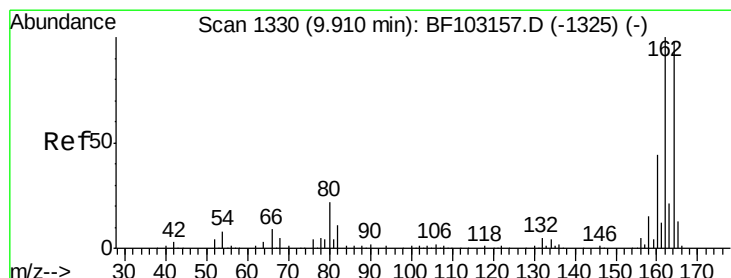
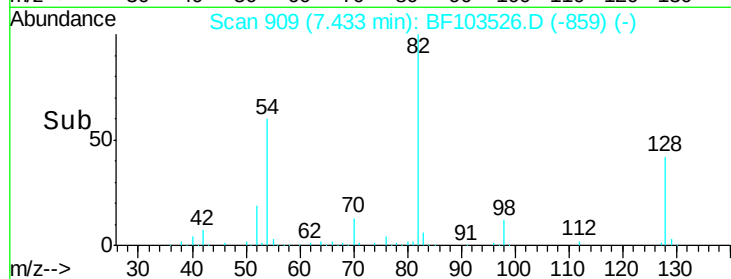
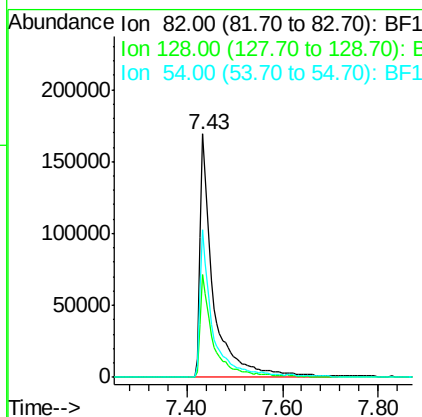
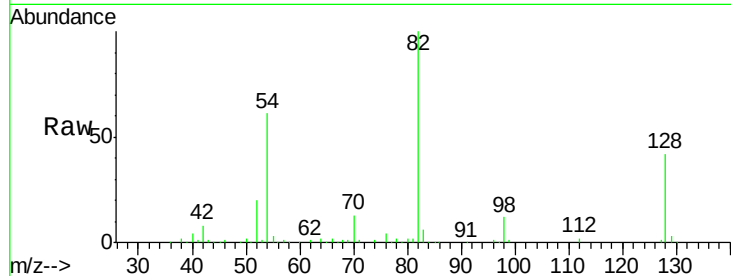
#23
 Nitrobenzene-d5
 Concen: 34.155 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF103526.D
 Acq: 8 Mar 2018 19:35

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-030618

Tot Ion	Ratio	Resp	Lower	Upper
82	100	333694		
128	42.1	36.1	54.1	
54	60.6	41.4	62.2	

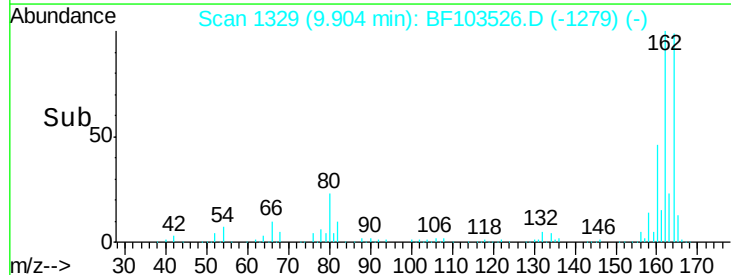
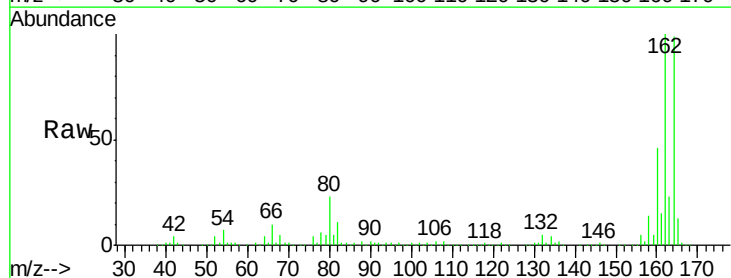
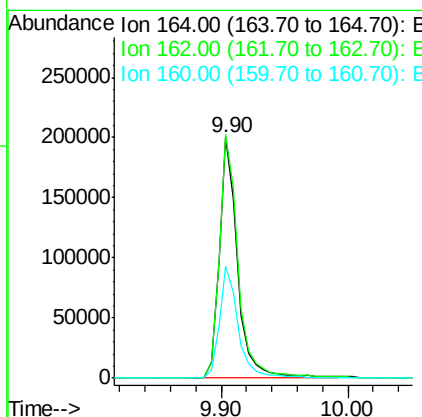
Manual Integrations
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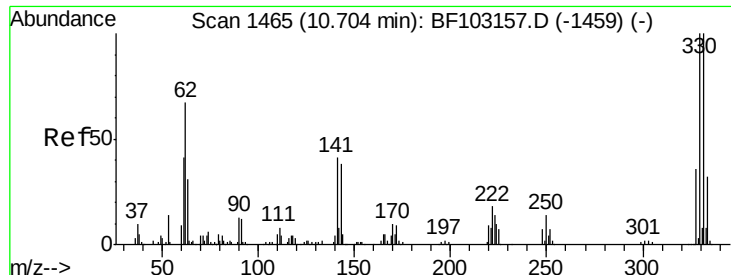
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF103526.D
 Acq: 8 Mar 2018 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	202725		
162	101.0	86.1	129.1	
160	46.6	38.3	57.5	





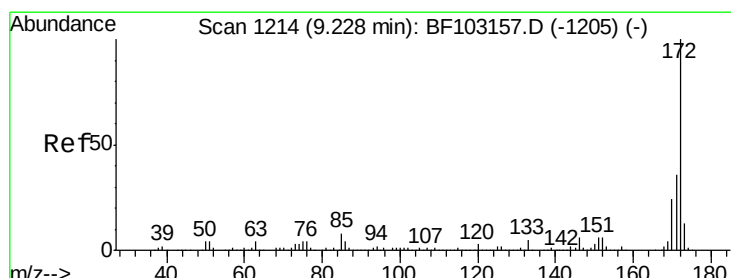
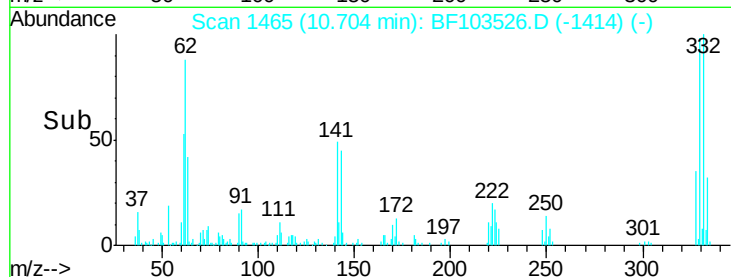
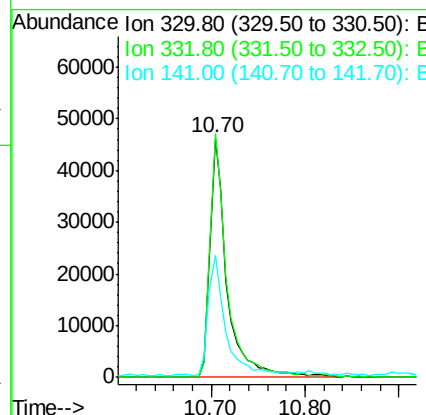
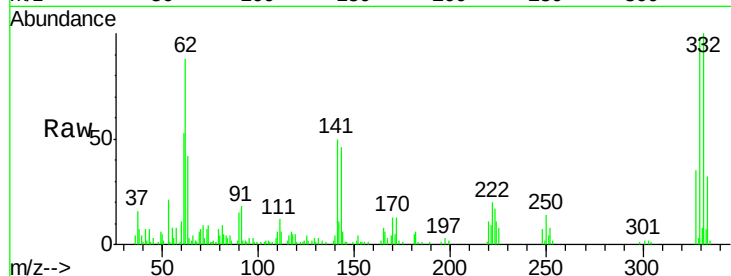
#41
 2,4,6-Tribromophenol
 Concen: 34.390 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF103526.D
 Acq: 8 Mar 2018 19:35

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-030618

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.9	77.0	115.6
141	49.5	29.9	44.9

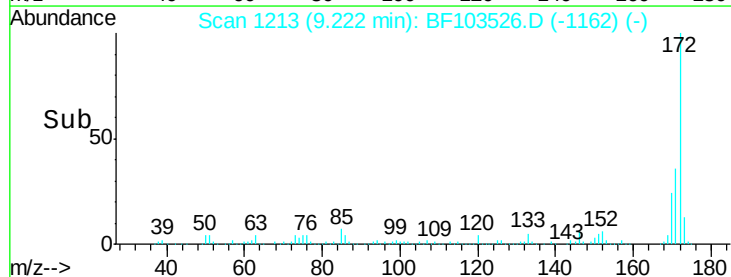
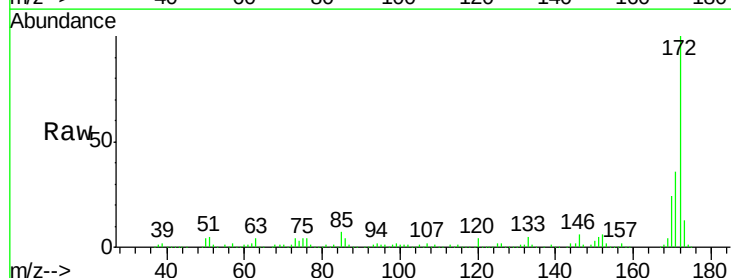
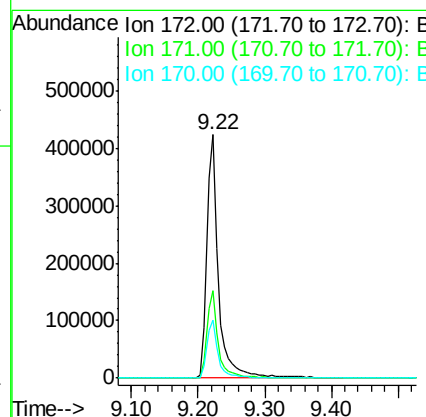
Manual Integrations
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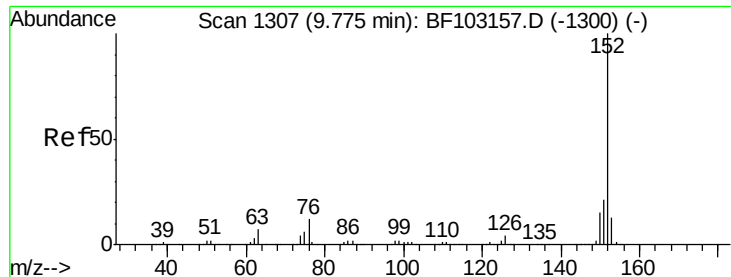
Sohil
 3/9/2018 11:39:36 AM



#44
 2-Fluorobiphenyl
 Concen: 36.615 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF103526.D
 Acq: 8 Mar 2018 19:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.0	19.6	29.4





#48

Acenaphthylene

Concen: 3.639 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF103526.D

Acq: 8 Mar 2018 19:35

Instrument :

BNA_F

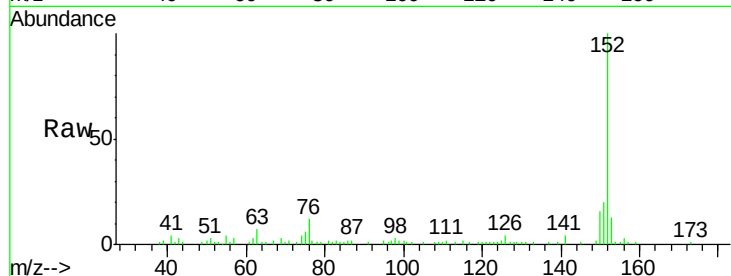
ClientSampleId :

SU-04-030618

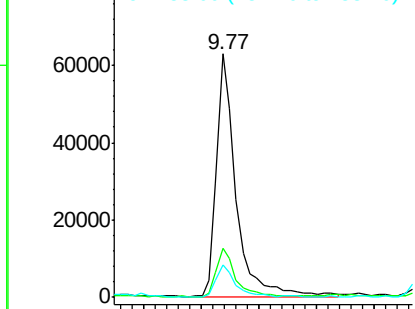
Tot Ion:	152	Resp:	75242
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.3	24.5
153	13.2	10.7	16.1

Manual Integrations
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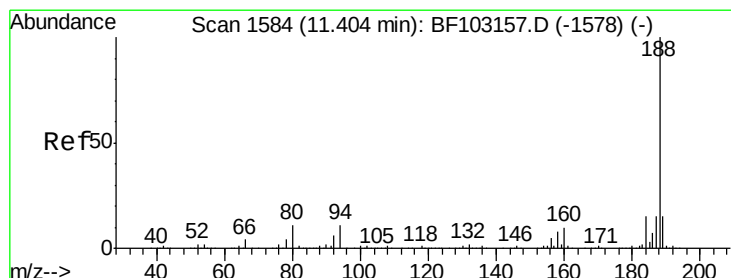
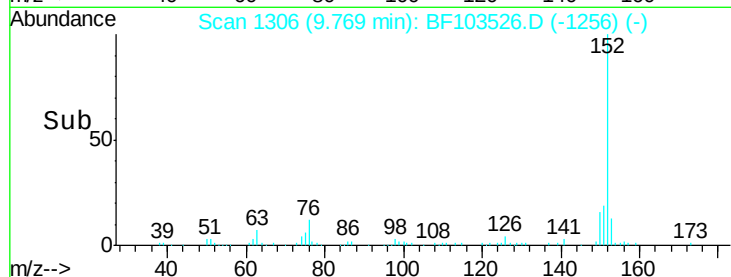
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

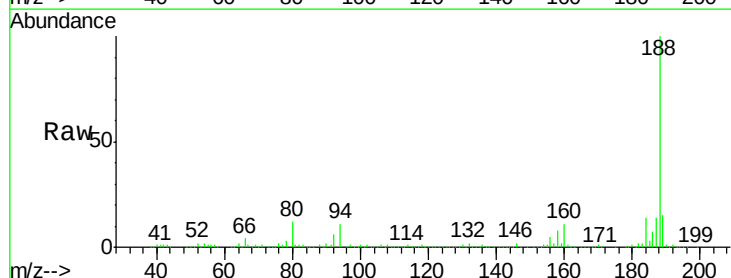
RT: 11.40 min Scan# 1584

Delta R.T. -0.00 min

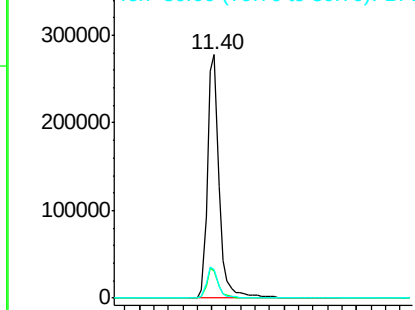
Lab File: BF103526.D

Acq: 8 Mar 2018 19:35

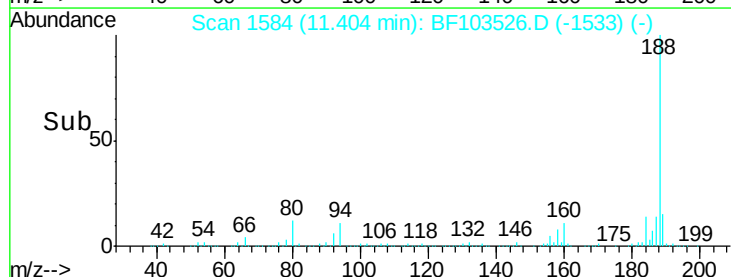
Tgt Ion:	188	Resp:	312965
Ion Ratio	Lower	Upper	
188	100		
94	11.1	8.5	12.7
80	11.7	9.2	13.8

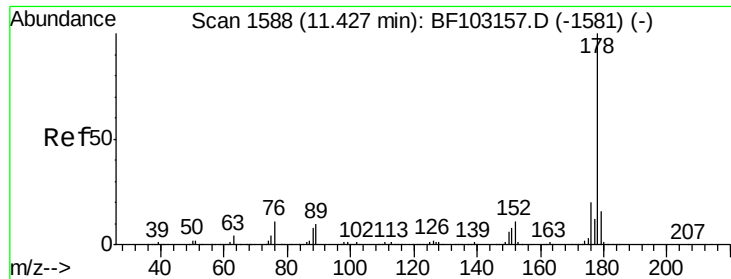


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1



Time-->





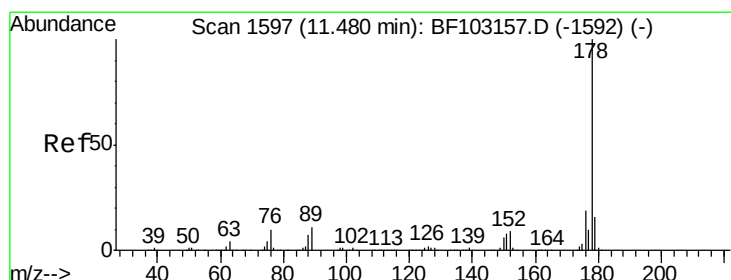
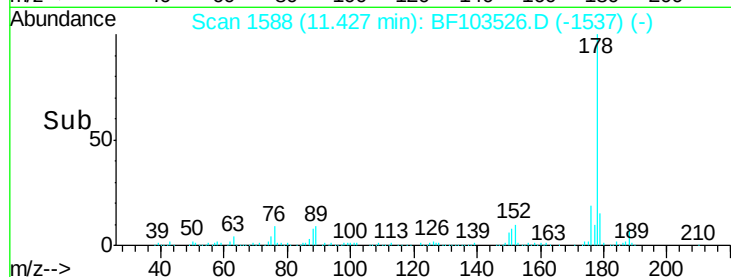
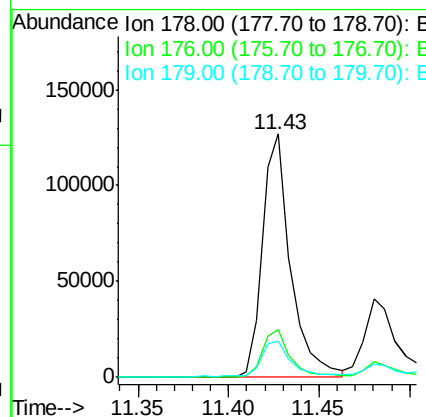
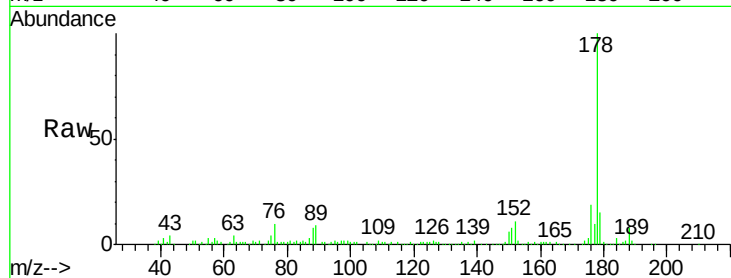
#70
Phenanthrene
Concen: 7.975 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF103526.D
Acq: 8 Mar 2018 19:35

Instrument :
BNA_F
ClientSampleId :
SU-04-030618

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	14.9	13.0	19.6

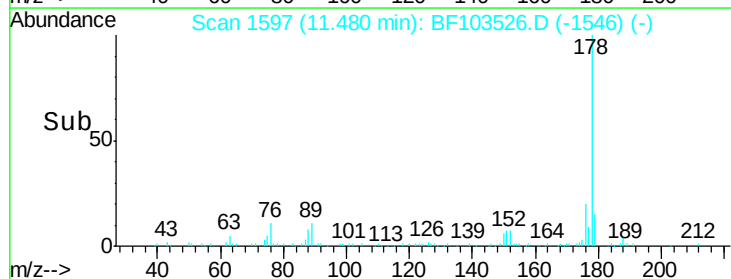
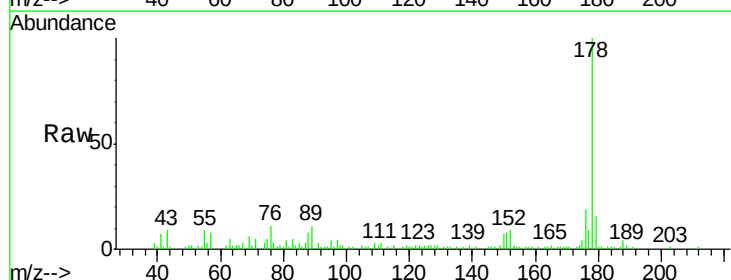
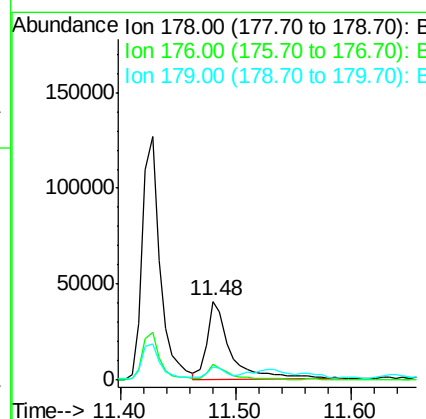
Manual Integrations
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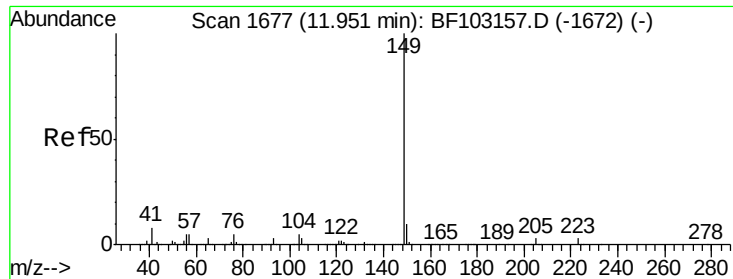
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#71
Anthracene
Concen: 3.233 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.00 min
Lab File: BF103526.D
Acq: 8 Mar 2018 19:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	16.5	12.6	19.0





#73

Di-n-butylphthalate

Concen: 3.703 ng

RT: 11.94 min Scan# 1676

Delta R.T. -0.01 min

Lab File: BF103526.D

Acq: 8 Mar 2018 19:35

Instrument :

BNA_F

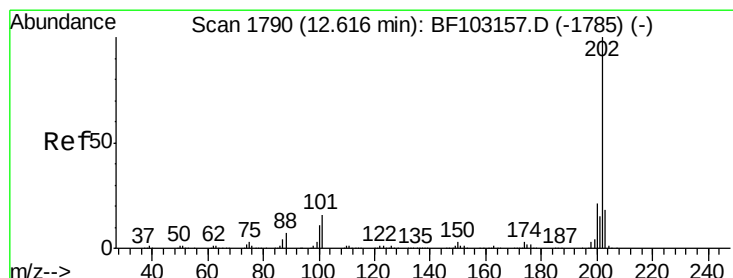
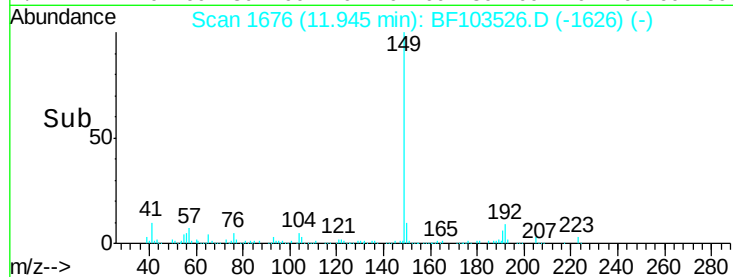
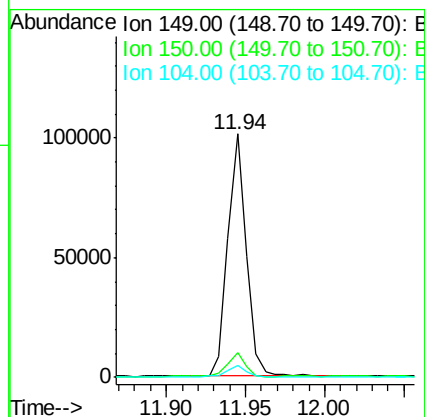
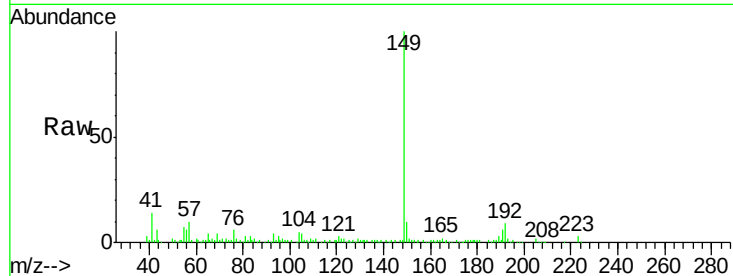
ClientSampled :

SU-04-030618

Tot Ion:	149	Resp:	81498
Ion Ratio	Lower	Upper	
149	100		
150	9.9	7.8	11.6
104	5.2	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 10.507 ng

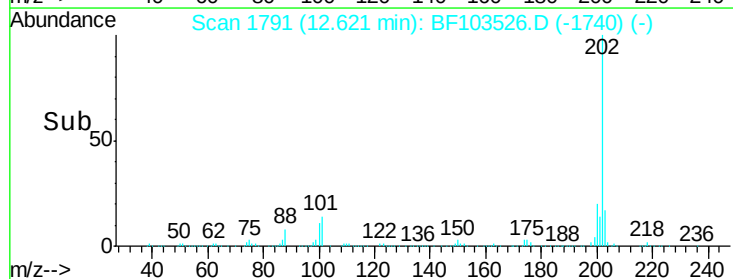
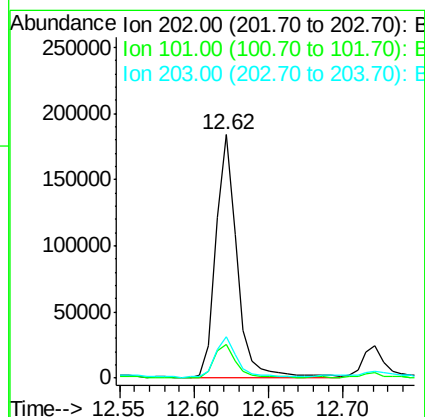
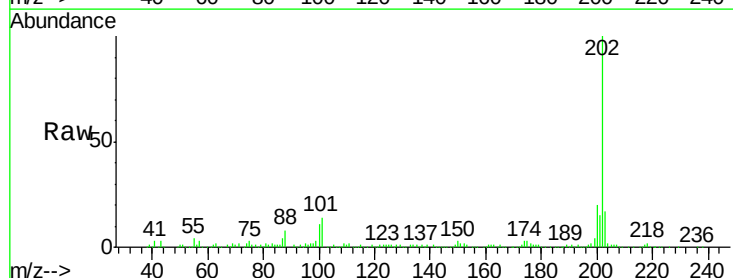
RT: 12.62 min Scan# 1791

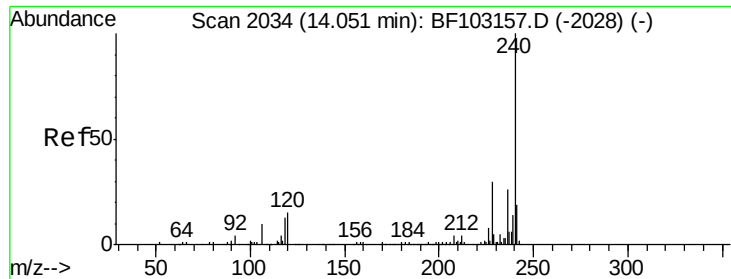
Delta R.T. -0.00 min

Lab File: BF103526.D

Acq: 8 Mar 2018 19:35

Tgt Ion:	202	Resp:	181851
Ion Ratio	Lower	Upper	
202	100		
101	13.8	0.0	34.1
203	17.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF103526.D

Acq: 8 Mar 2018 19:35

Instrument :

BNA_F

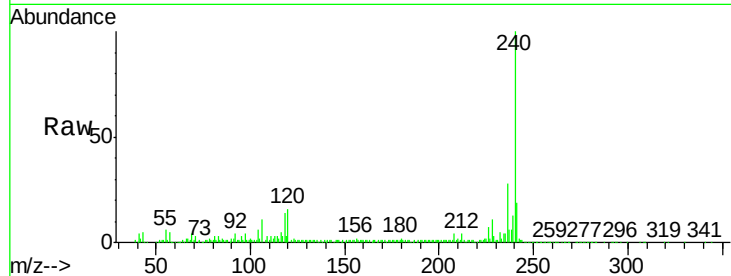
ClientSampleId :

SU-04-030618

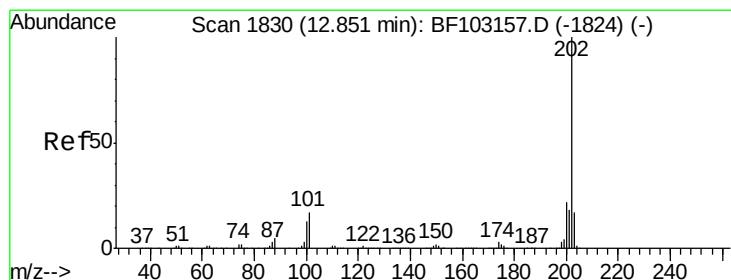
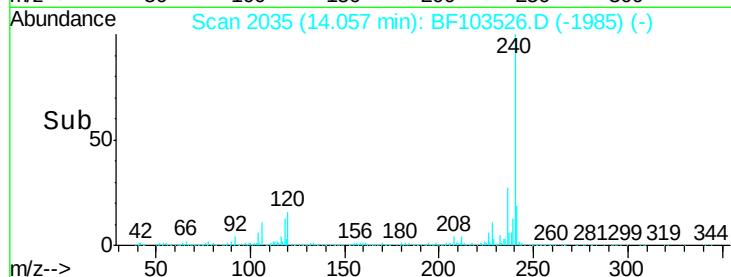
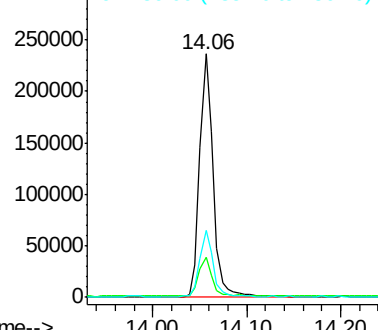
Tot Ion:	240	Resp:	234248
Ion Ratio	Lower	Upper	
240	100		
120	16.2	9.5	14.3#
236	27.6	20.7	31.1

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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: 9.698 ng

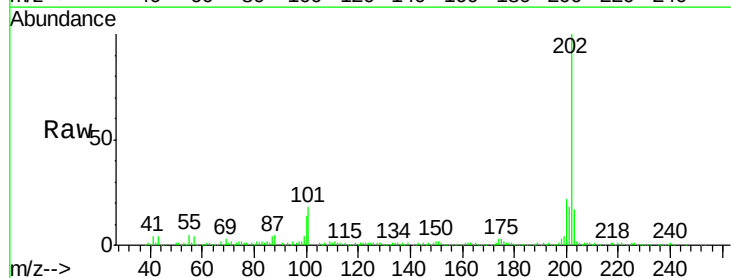
RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

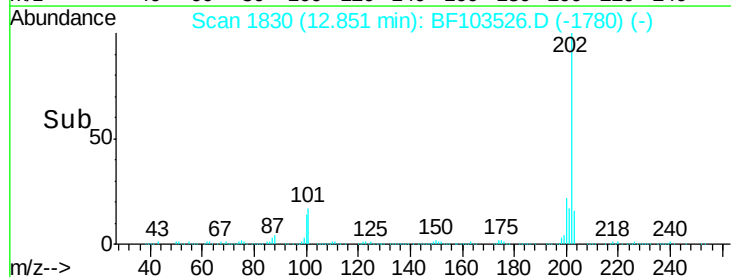
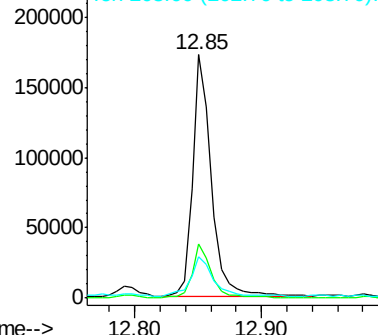
Lab File: BF103526.D

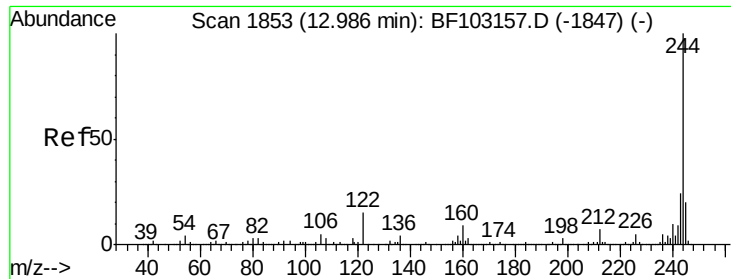
Acq: 8 Mar 2018 19:35

Tgt Ion:	202	Resp:	177125
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.4	26.2
203	17.1	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





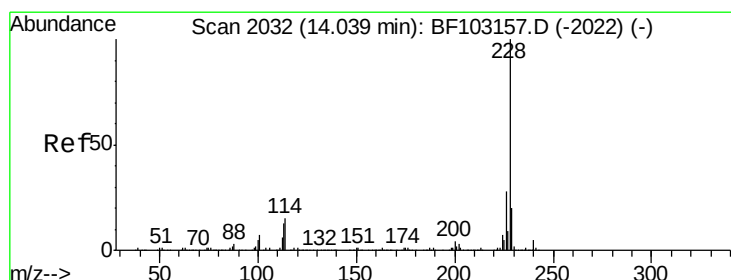
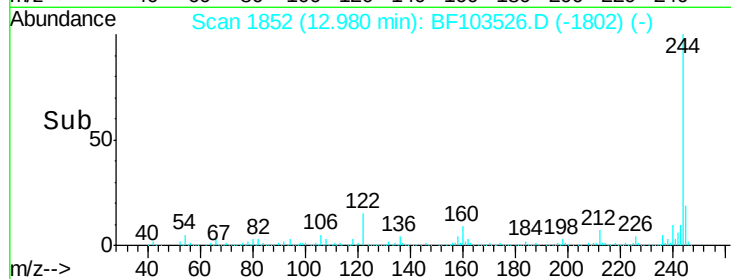
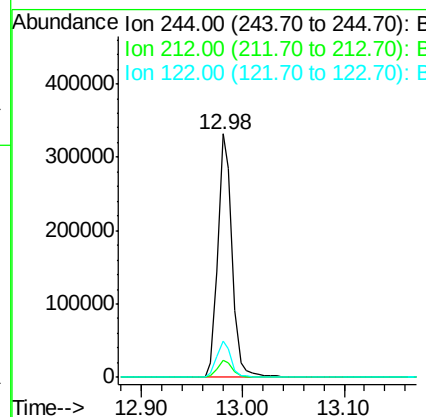
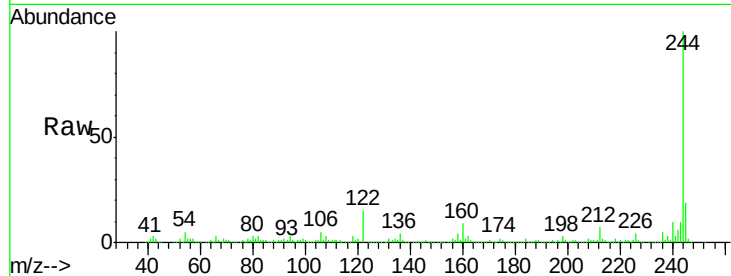
#78
 Terphenyl-d14
 Concen: 33.628 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF103526.D
 Acq: 8 Mar 2018 19:35

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-030618

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	15.0	11.0	16.4

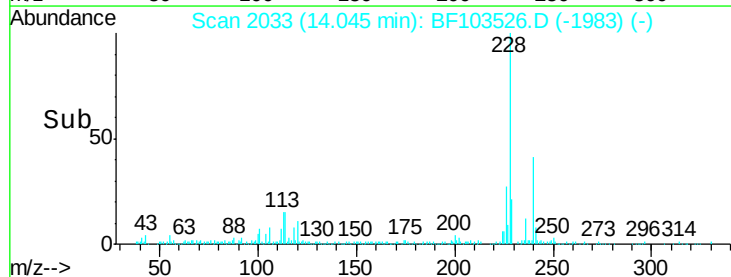
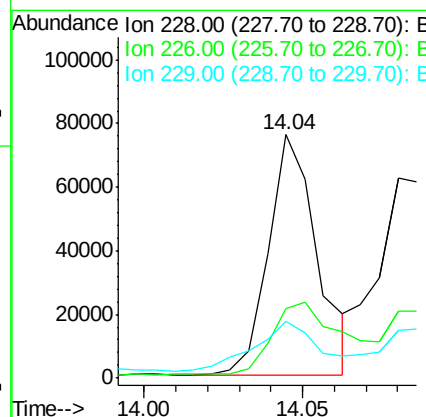
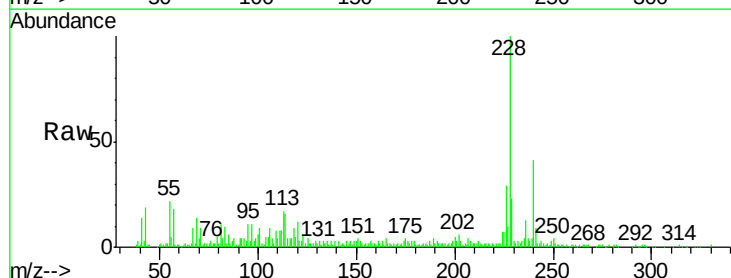
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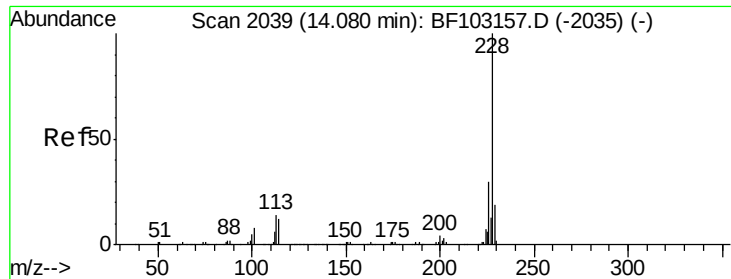
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#80
 Benzo(a)anthracene
 Concen: 5.326 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF103526.D
 Acq: 8 Mar 2018 19:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	23.4	15.8	23.6





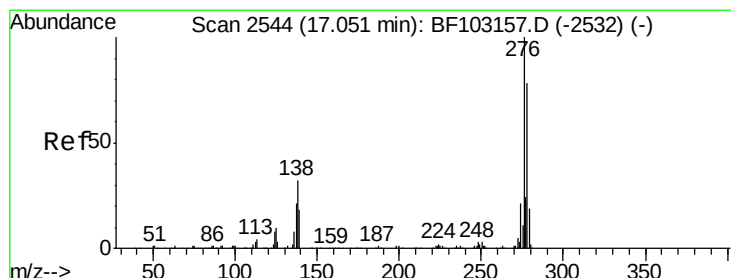
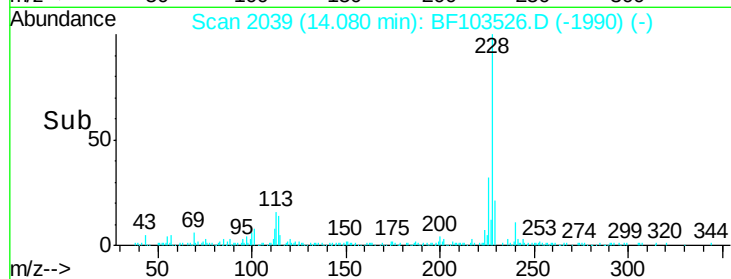
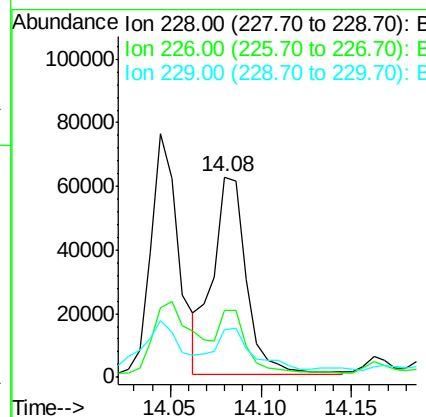
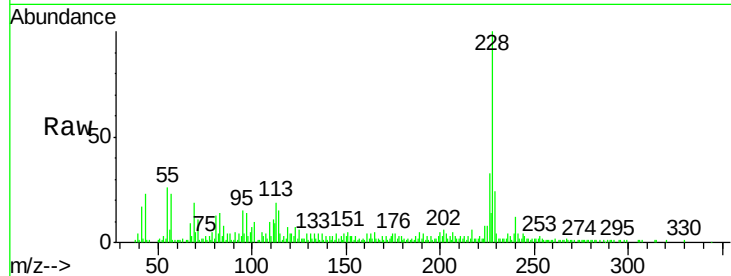
#82
Chrysene
Concen: 5.475 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF103526.D
Acq: 8 Mar 2018 19:35

Instrument :
BNA_F
ClientSampled :
SU-04-030618

Tot Ion:	228	Resp:	80805
Ion Ratio	Lower	Upper	
228	100		
226	33.4	25.0	37.6
229	24.0	16.2	24.4

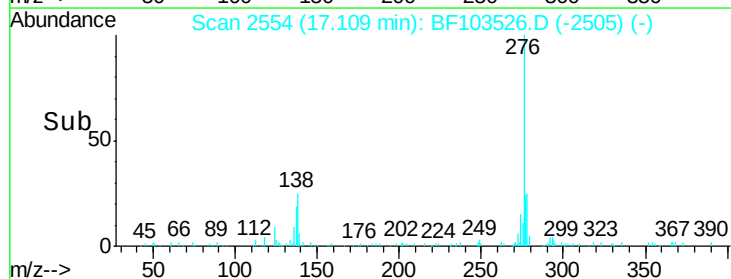
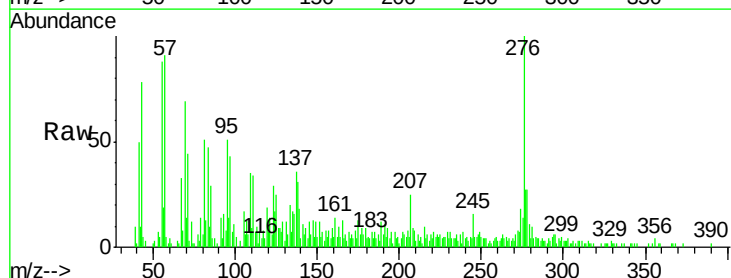
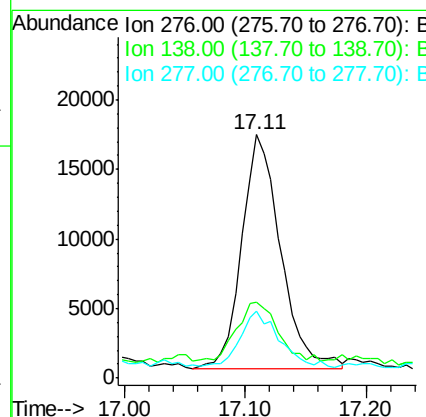
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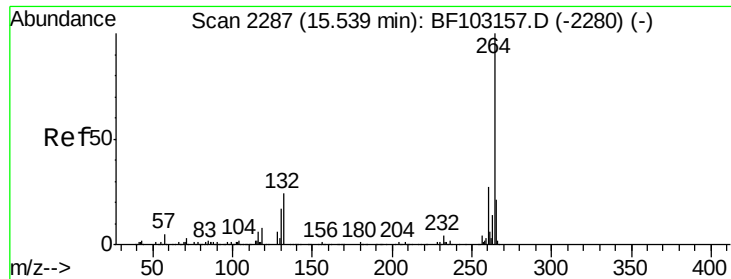
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.217 ng
RT: 17.11 min Scan# 2554
Delta R.T. -0.01 min
Lab File: BF103526.D
Acq: 8 Mar 2018 19:35

Tgt Ion:	276	Resp:	37585
Ion Ratio	Lower	Upper	
276	100		
138	26.0	25.0	37.6
277	24.0	20.1	30.1





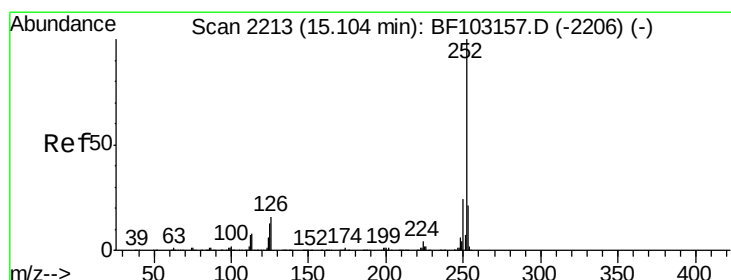
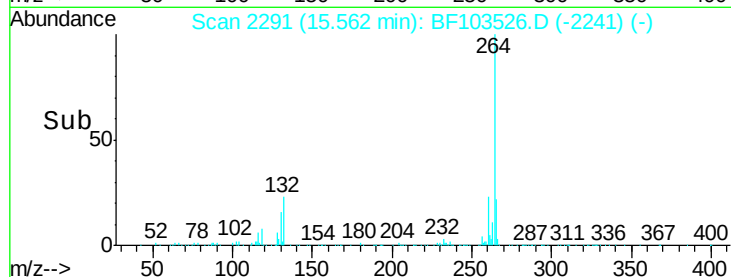
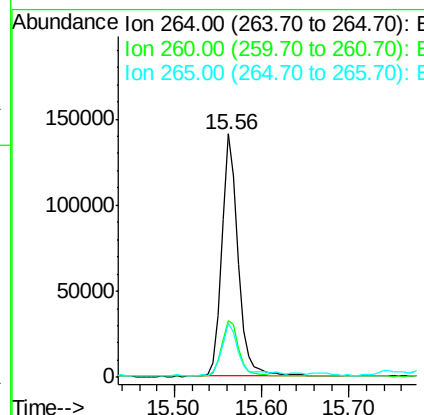
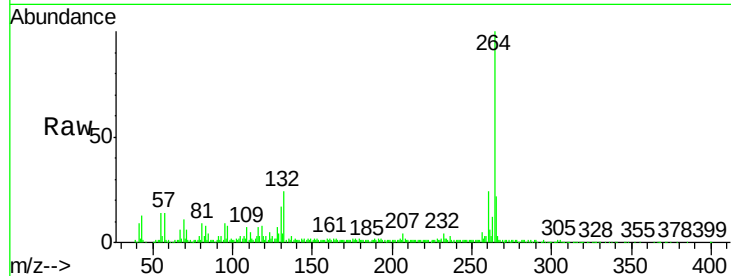
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF103526.D
Acq: 8 Mar 2018 19:35

Instrument :
BNA_F
ClientSampleId :
SU-04-030618

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.5	19.2	28.8	
265	22.1	17.5	26.3	

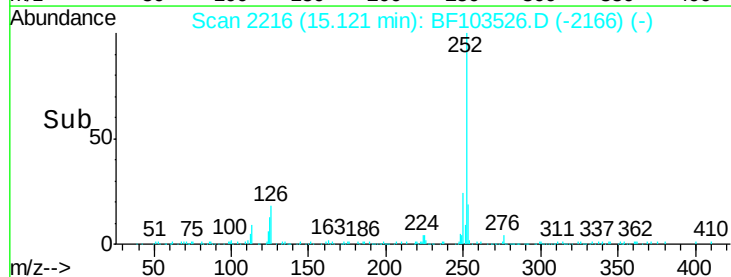
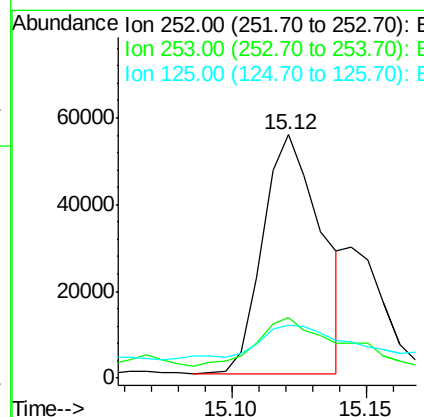
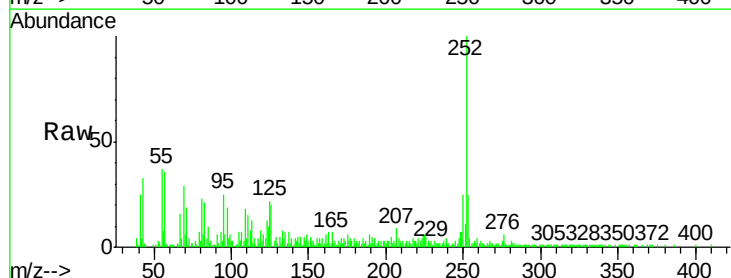
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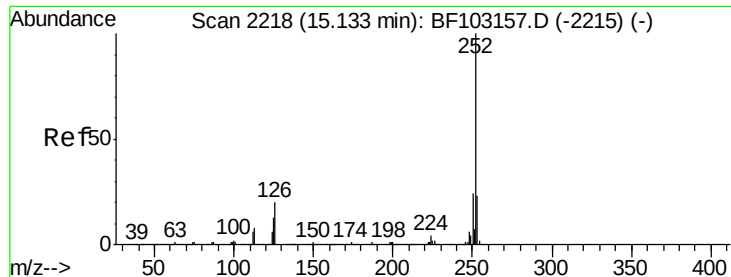
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#87
Benzo(b)fluoranthene
Concen: 6.912 ng m
RT: 15.12 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF103526.D
Acq: 8 Mar 2018 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	25.0	17.0	25.6	
125	21.7	9.0	13.6	





#88

Benzo(k)fluoranthene

Concen: 2.686 ng/mL

RT: 15.14 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BF103526.D

Acq: 8 Mar 2018 19:35

Instrument :

BNA_F

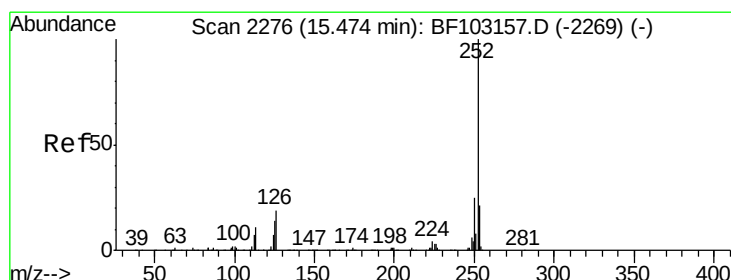
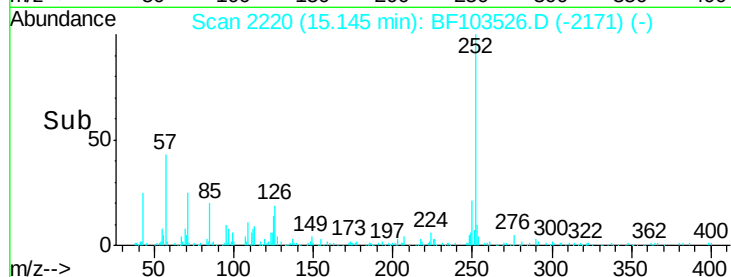
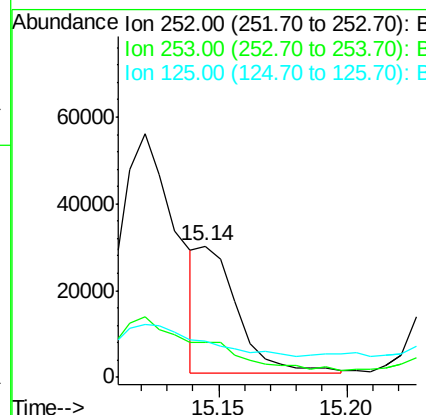
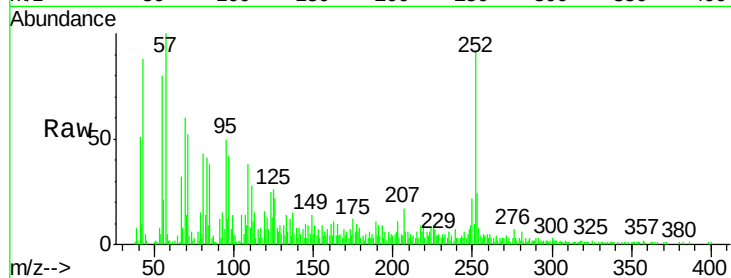
ClientSampleId :

SU-04-030618

Tot Ion:	252	Resp:	30541
Ion Ratio	Lower	Upper	
252	100		
253	26.4	17.9	26.9
125	27.9	10.2	15.2

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#89

Benzo(a)pyrene

Concen: 5.987 ng/mL

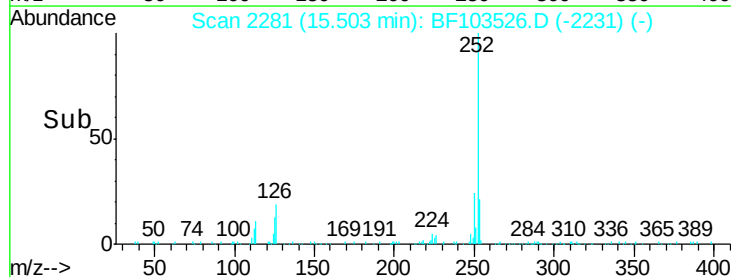
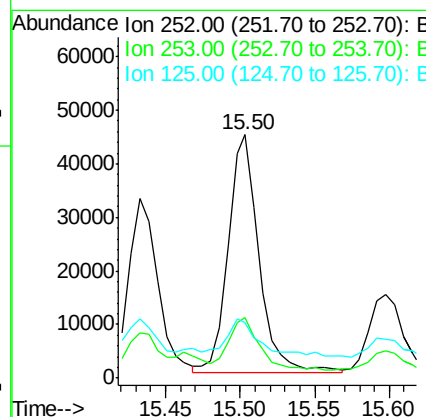
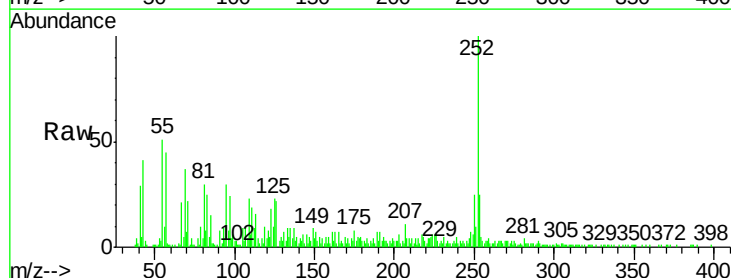
RT: 15.50 min Scan# 2281

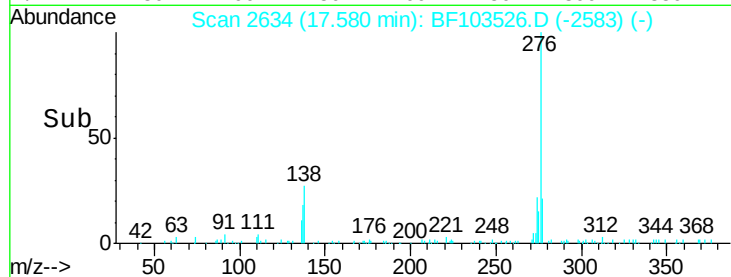
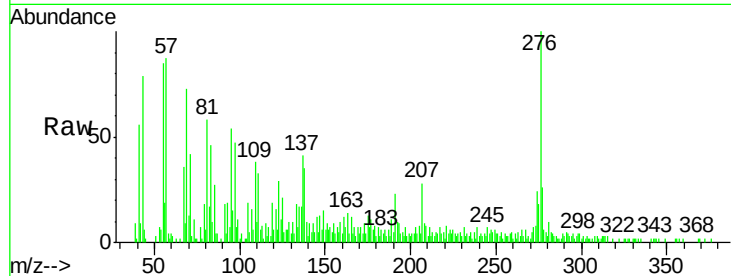
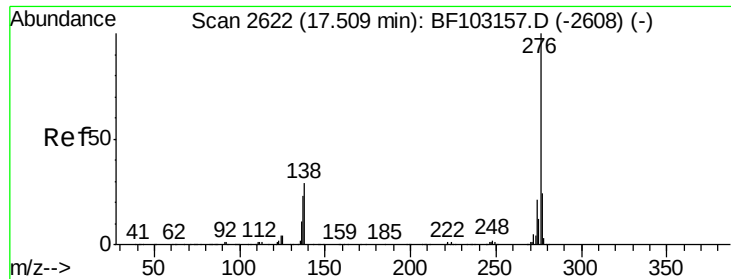
Delta R.T. -0.01 min

Lab File: BF103526.D

Acq: 8 Mar 2018 19:35

Tgt Ion:	252	Resp:	64546
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.1	25.7
125	22.8	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 5.078 ng
 RT: 17.58 min Scan# 2634
 Delta R.T. -0.00 min
 Lab File: BF103526.D
 Acq: 8 Mar 2018 19:35

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-030618

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.0	17.9	26.9
138	35.4	21.8	32.8

Manual Integrations
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