

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
 Data File : BF103582.D
 Acq On : 12 Mar 2018 15:20
 Operator : SJ/JU
 Sample : J1876-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-01-03

Manual Integrations
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Sohil
 3/13/2018 4:13:05 PM

Quant Time: Mar 12 16:24:20 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	136422	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	585098	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	236851	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	365832	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	218591	20.00	ng	-0.01
86) Perylene-d12	15.56	264	204067	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	380016m	42.13	ng	0.01
7) Phenol-d6	6.50	99	972382	88.10	ng	0.00
23) Nitrobenzene-d5	7.43	82	637485	62.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	11023	5.50	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	952912	65.58	ng	-0.01
78) Terphenyl-d14	12.98	244	608994	66.97	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.61	163	87094	4.584	ng	99
70) Phenanthrene	11.42	178	52365	2.601	ng	97
74) Fluoranthene	12.62	202	127060	6.280	ng	97
77) Pyrene	12.85	202	131411	7.711	ng	97
80) Benzo(a)anthracene	14.04	228	58413	4.119	ng	97
82) Chrysene	14.08	228	61511m	4.467	ng	
85) Indeno(1,2,3-cd)pyrene	17.12	276	34031	3.121	ng	94
87) Benzo(b)fluoranthene	15.12	252	74898m	5.582	ng	
88) Benzo(k)fluoranthene	15.14	252	28549m	2.260	ng	
89) Benzo(a)pyrene	15.50	252	56518	4.717	ng	# 94
91) Benzo(a,h,i)perylene	17.59	276	31130	3.440	ng	# 87

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

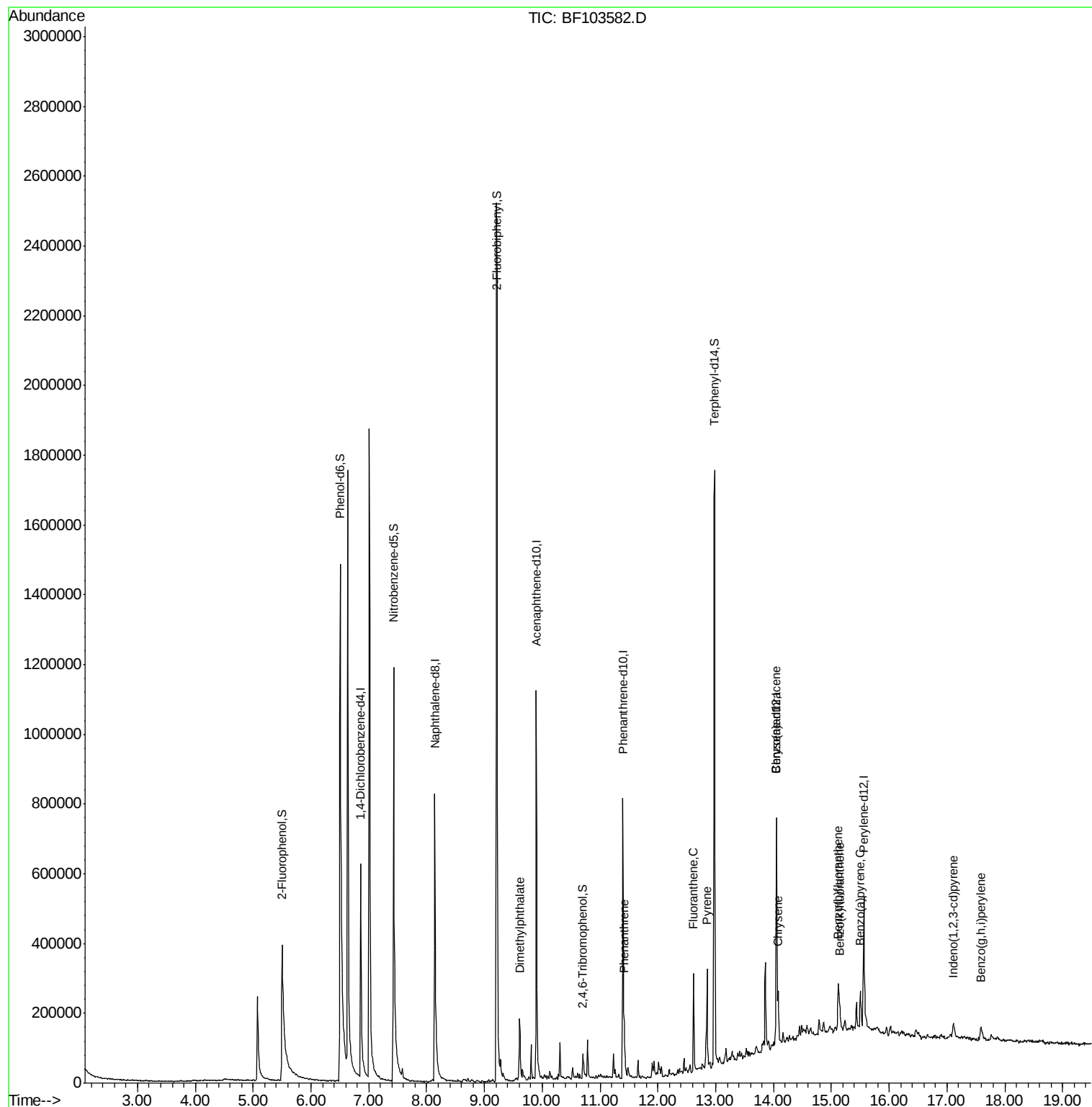
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
Data File : BF103582.D
Acq On : 12 Mar 2018 15:20
Operator : SJ/JU
Sample : J1876-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

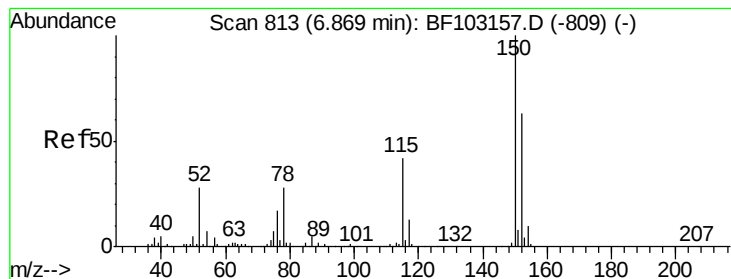
Instrument :
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SB-11-01-03

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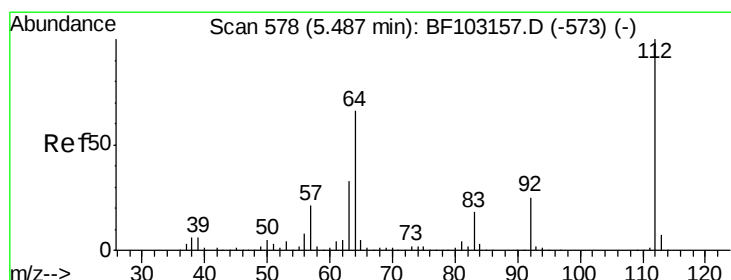
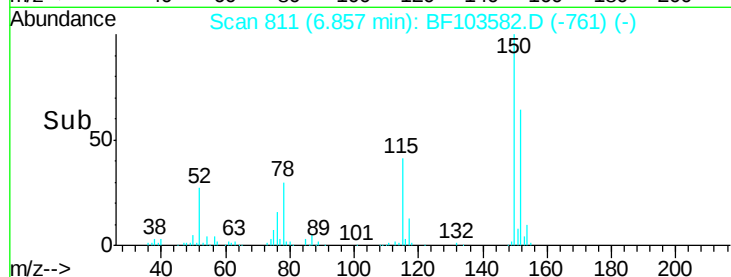
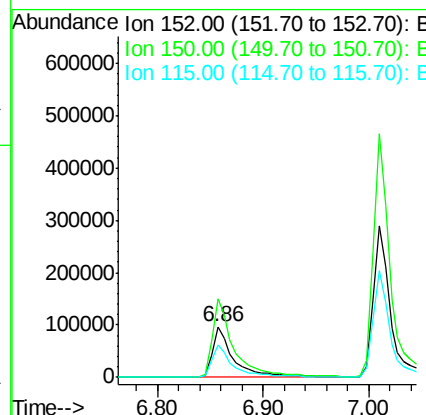
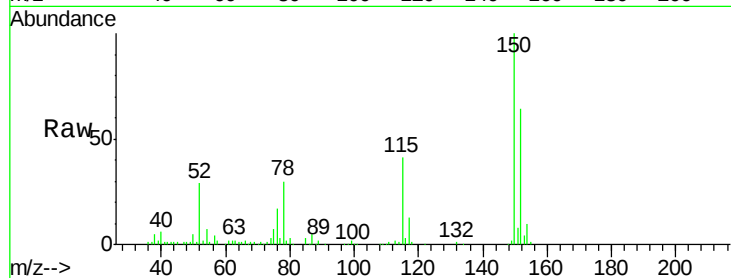
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103582.D
Acq: 12 Mar 2018 15:20

Instrument :
BNA_F
ClientSampleId :
SB-11-01-03

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	63.7	50.1	75.1

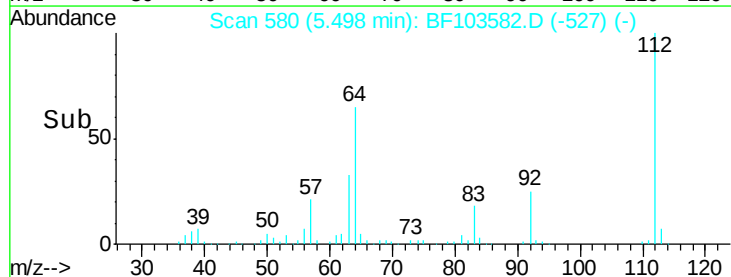
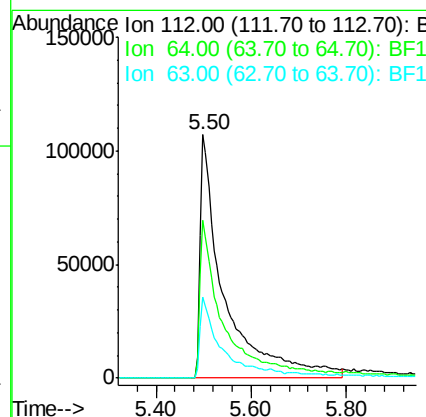
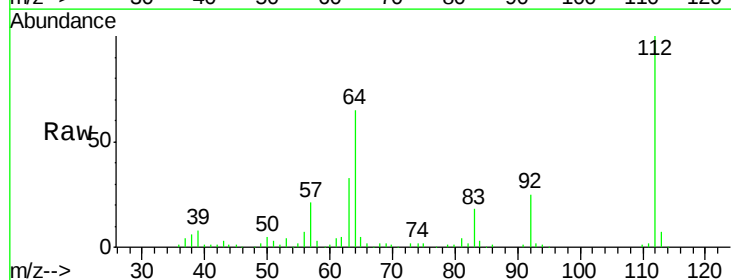
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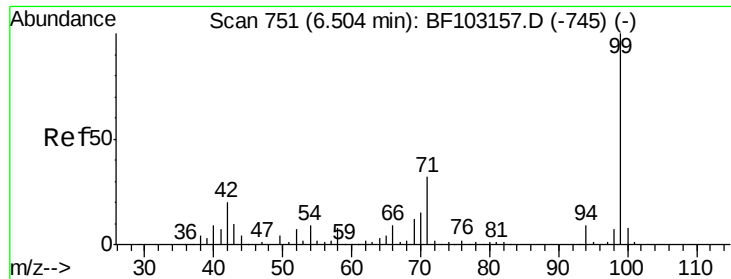
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#5
2-Fluorophenol
Concen: 42.130 ng m
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103582.D
Acq: 12 Mar 2018 15:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.9	47.9	71.9
63	33.1	23.7	35.5





#7

Phenol-d6

Concen: 88.099 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103582.D

Acq: 12 Mar 2018 15:20

Instrument :

BNA_F

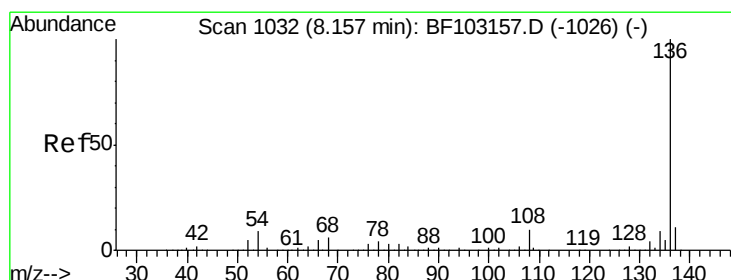
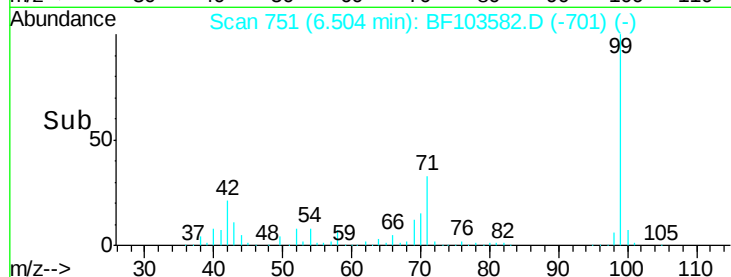
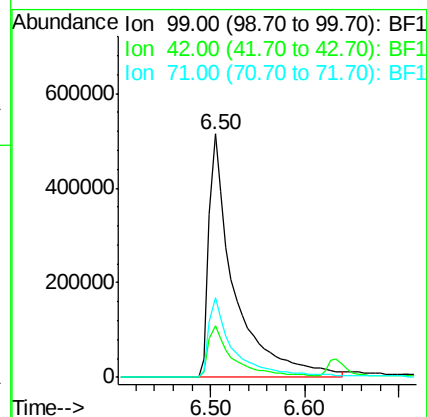
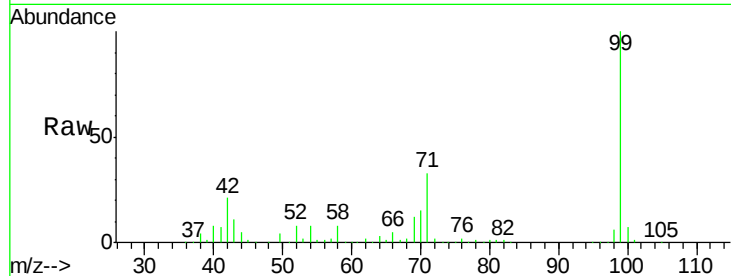
ClientSampleId :

SB-11-01-03

Tot Ion:	99	Resp:	972382
Ion Ratio	Lower	Upper	
99	100		
42	21.1	14.5	21.7
71	32.6	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

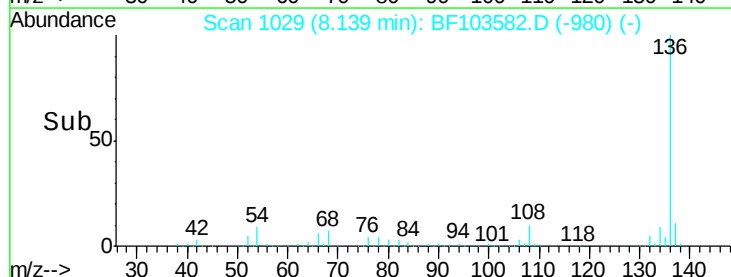
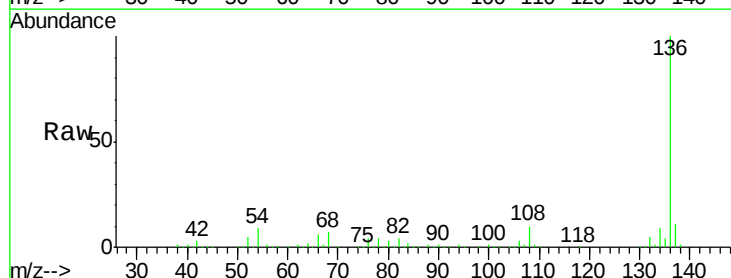
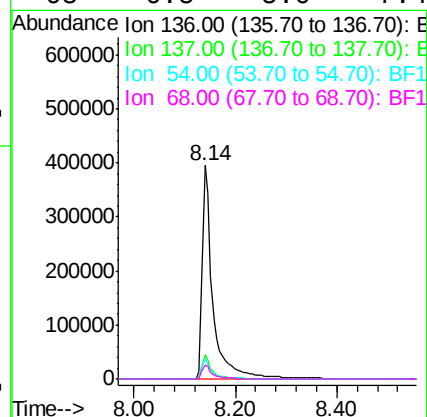
RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF103582.D

Acq: 12 Mar 2018 15:20

Tgt Ion:	136	Resp:	585098
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.9	13.3
54	9.4	6.6	9.8
68	6.5	5.0	7.4





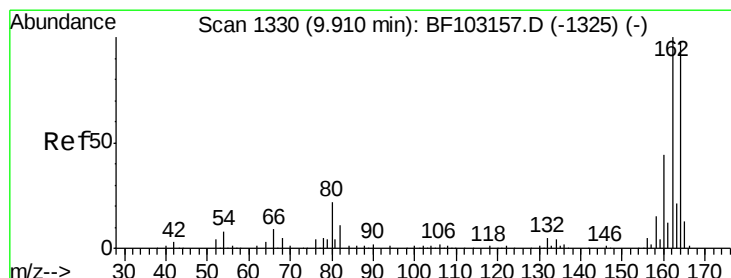
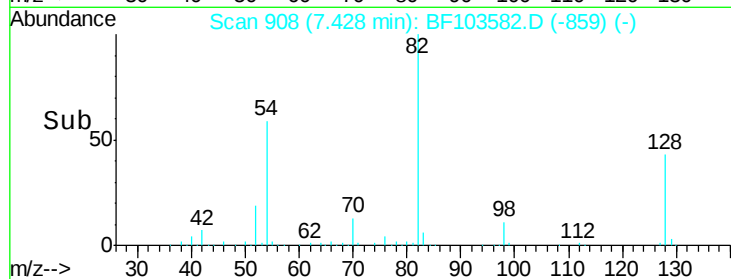
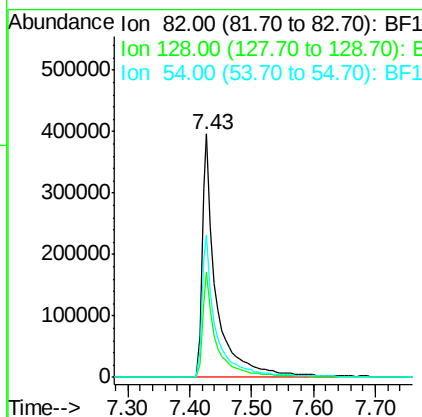
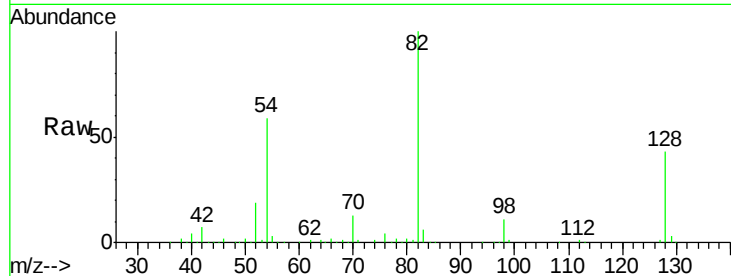
#23
Nitrobenzene-d5
Concen: 62.222 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103582.D
Acq: 12 Mar 2018 15:20

Instrument :
BNA_F
ClientSampleId :
SB-11-01-03

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.1	54.1
54	58.6	41.4	62.2

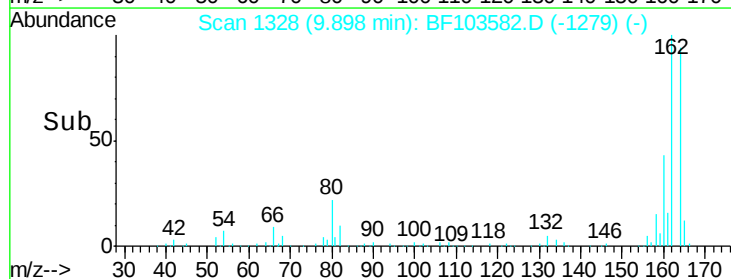
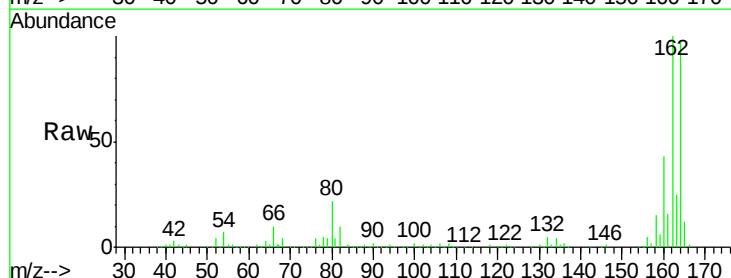
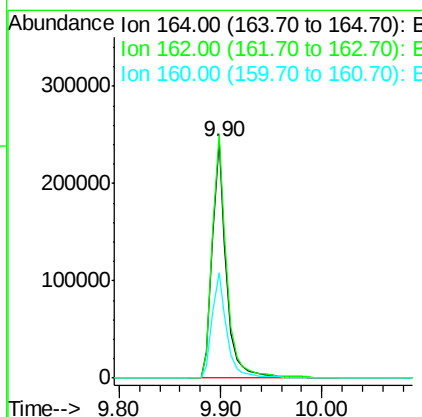
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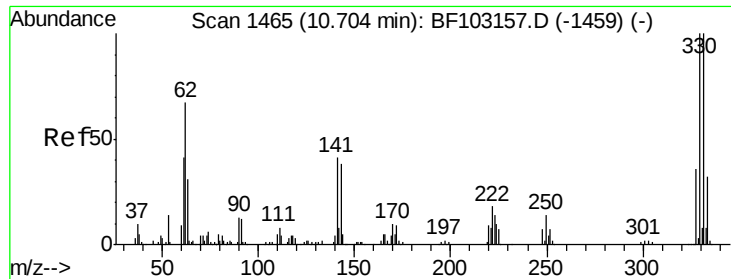
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF103582.D
Acq: 12 Mar 2018 15:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	44.5	38.3	57.5





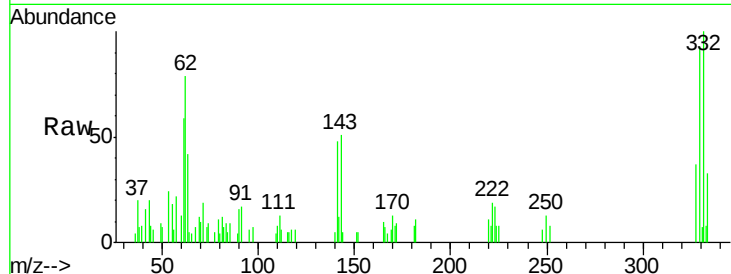
#41
 2,4,6-Tribromophenol
 Concen: 5.498 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103582.D
 Acq: 12 Mar 2018 15:20

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-01-03

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.8	77.0	115.6
141	56.0	29.9	44.9

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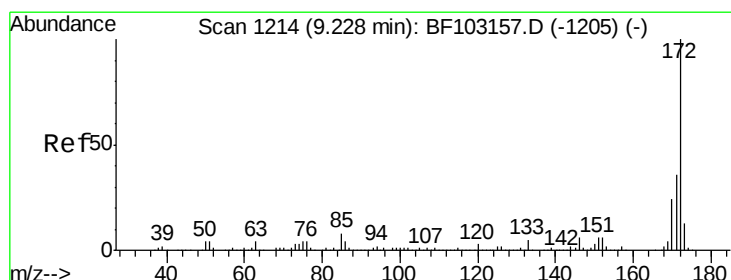
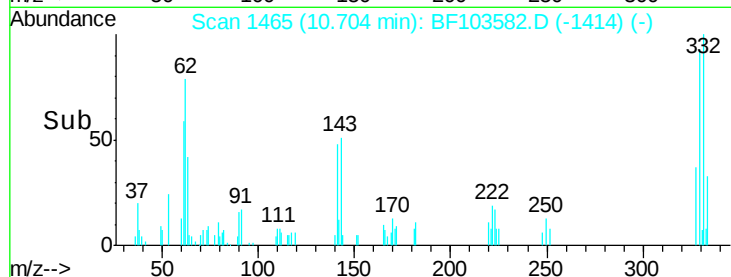
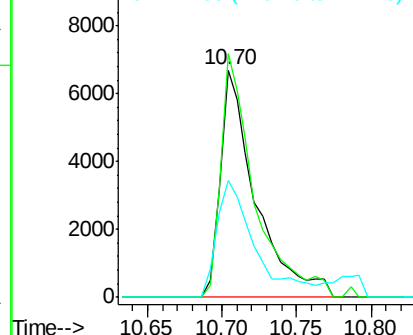


Abundance

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: 65.578 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103582.D
 Acq: 12 Mar 2018 15:20

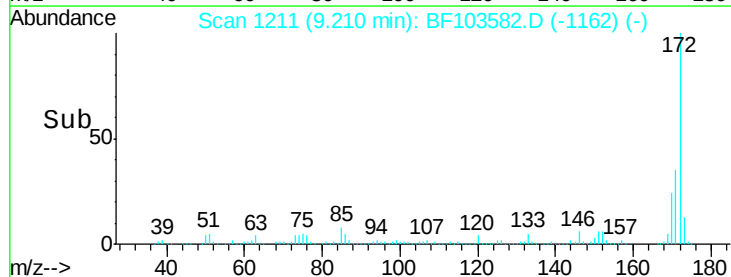
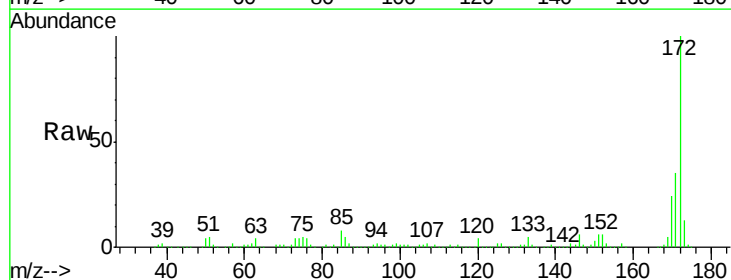
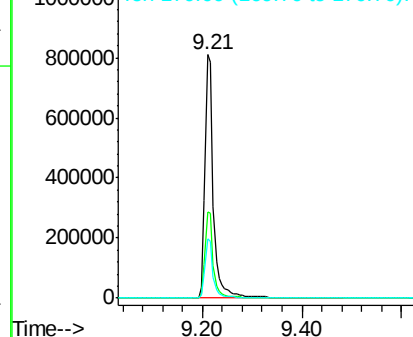
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	24.3	19.6	29.4

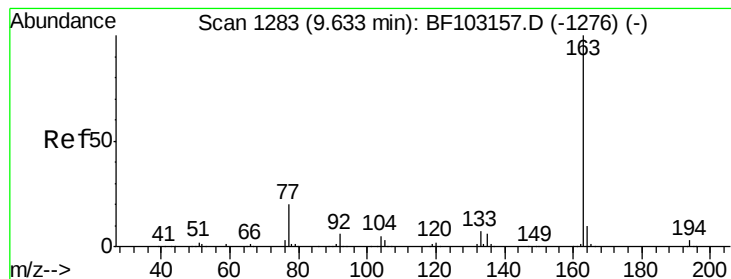
Abundance

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: 4.584 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF103582.D

Acq: 12 Mar 2018 15:20

Instrument :

BNA_F

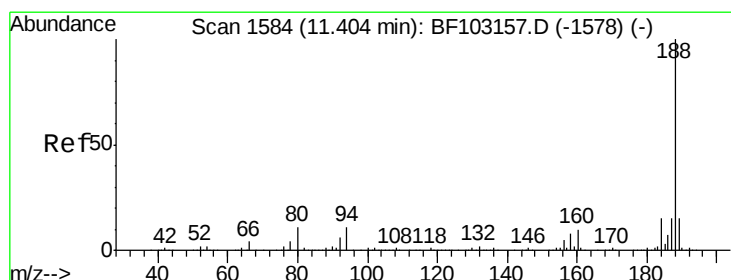
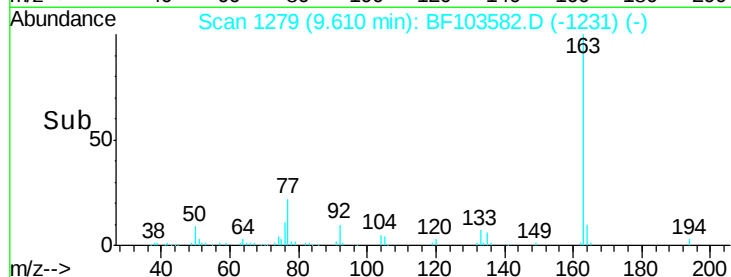
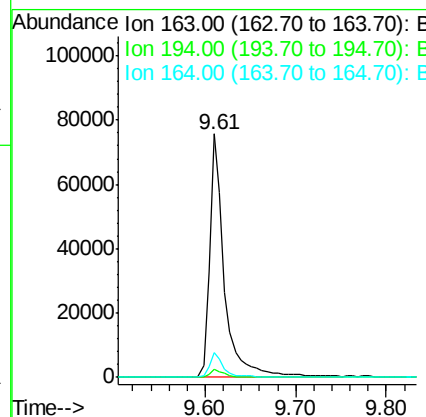
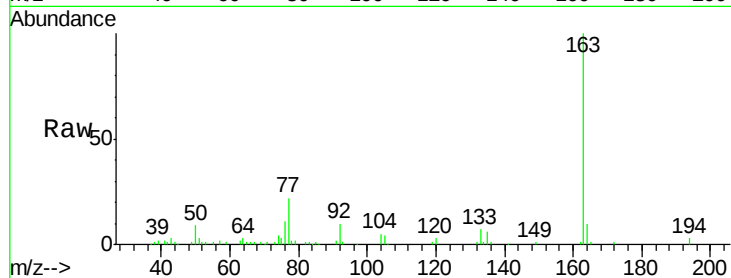
ClientSampled :

SB-11-01-03

Tot Ion:	163	Resp:	87094
Ion Ratio	Lower	Upper	
163	100		
194	3.1	2.7	4.1
164	10.4	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

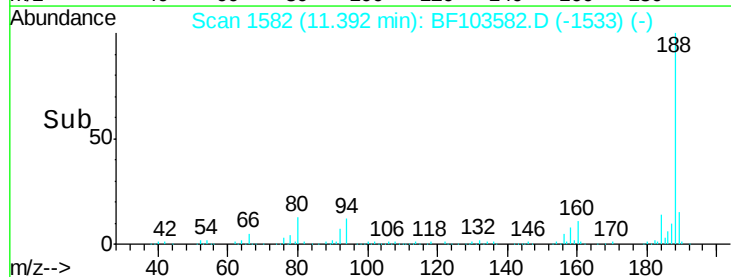
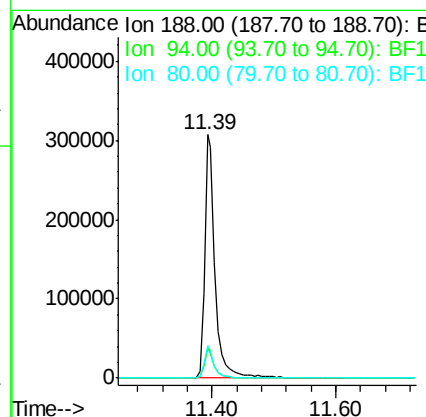
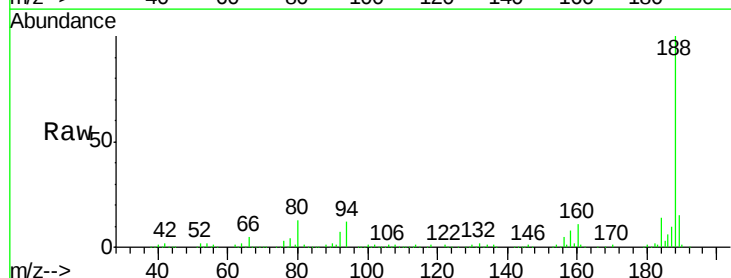
RT: 11.39 min Scan# 1582

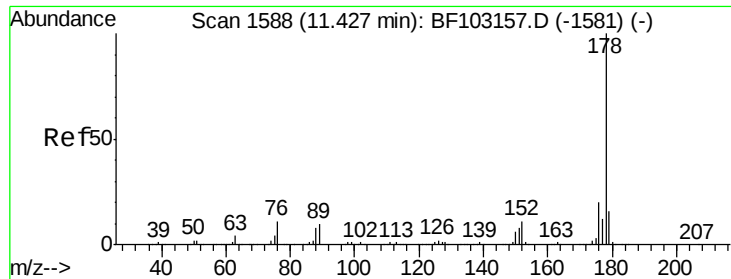
Delta R.T. -0.01 min

Lab File: BF103582.D

Acq: 12 Mar 2018 15:20

Tgt Ion:	188	Resp:	365832
Ion Ratio	Lower	Upper	
188	100		
94	12.1	8.5	12.7
80	13.4	9.2	13.8





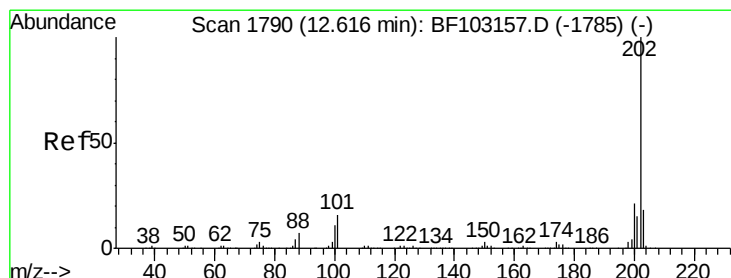
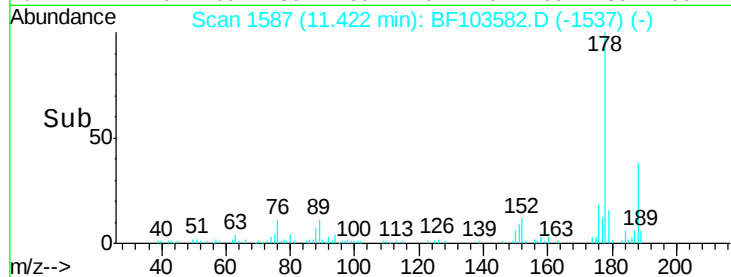
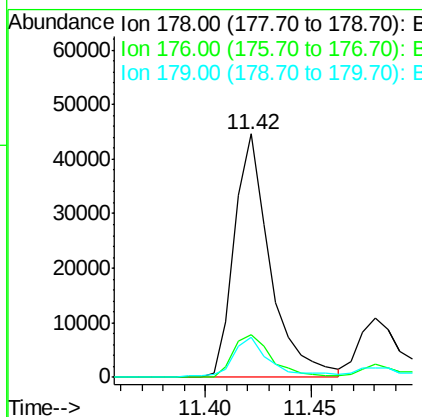
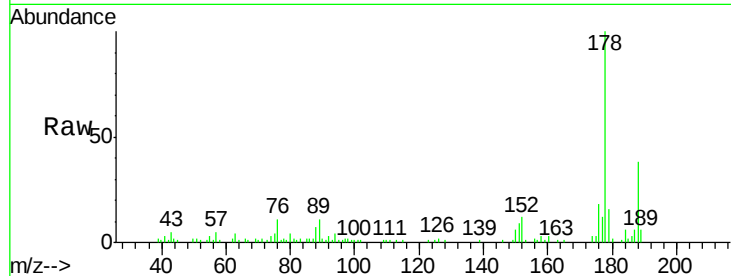
#70
Phenanthrene
Concen: 2.601 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF103582.D
Acq: 12 Mar 2018 15:20

Instrument :
BNA_F
ClientSampleId :
SB-11-01-03

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.8	23.8
179	16.2	13.0	19.6

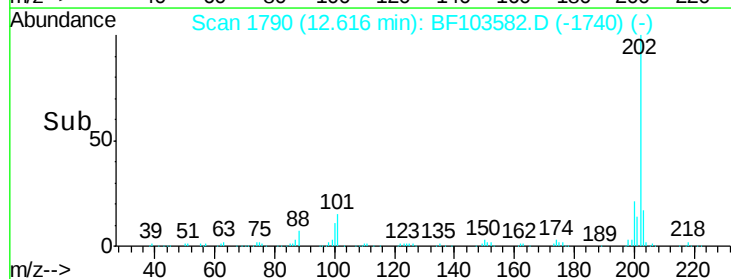
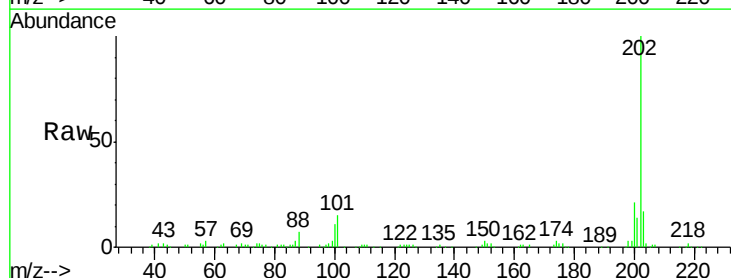
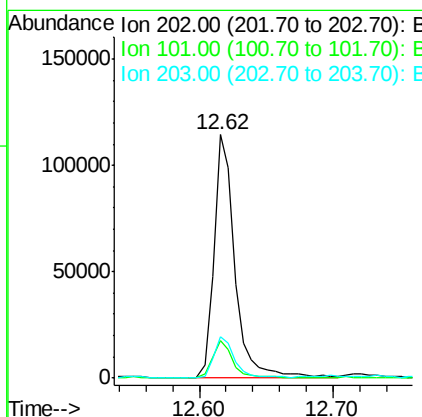
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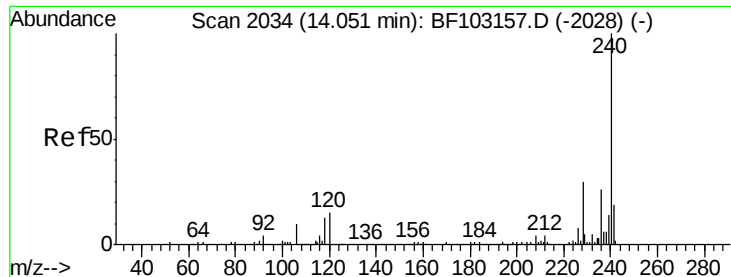
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#74
Fluoranthene
Concen: 6.280 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF103582.D
Acq: 12 Mar 2018 15:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	34.1
203	17.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103582.D

Acq: 12 Mar 2018 15:20

Instrument :

BNA_F

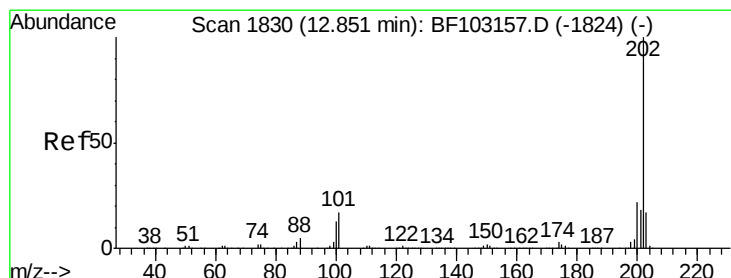
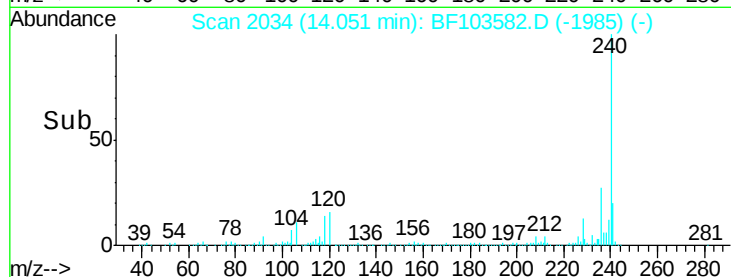
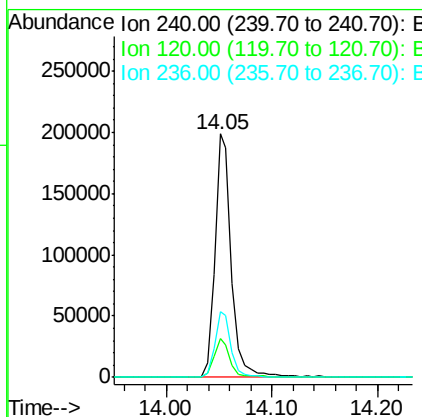
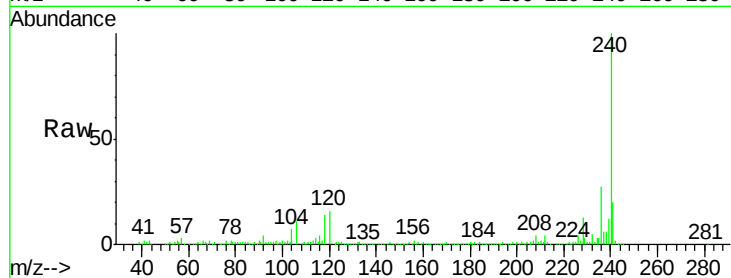
ClientSampled :

SB-11-01-03

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.8	9.5	14.3
236	26.9	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 7.711 ng

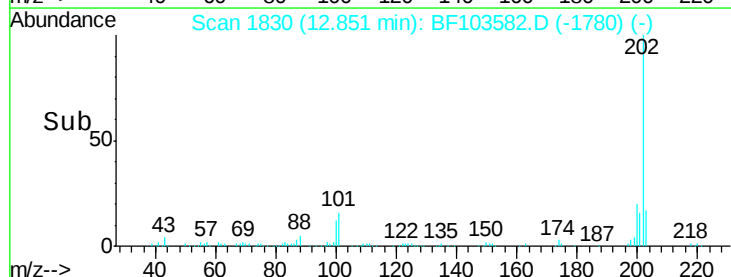
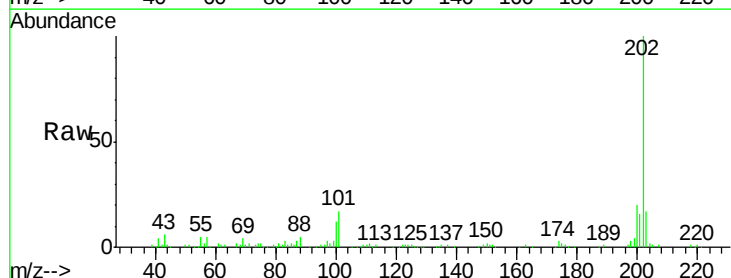
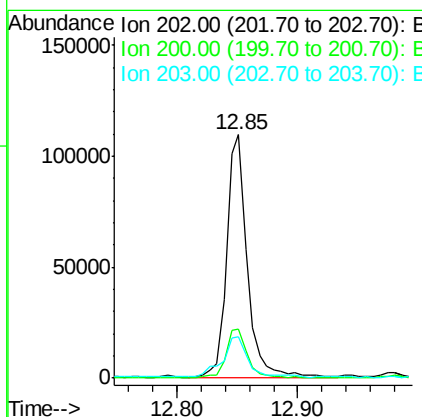
RT: 12.85 min Scan# 1830

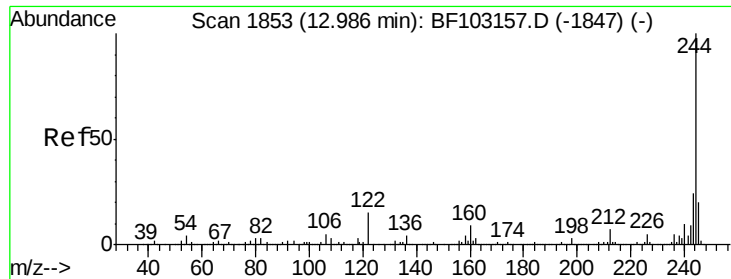
Delta R.T. -0.01 min

Lab File: BF103582.D

Acq: 12 Mar 2018 15:20

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.4	26.2
203	17.0	14.3	21.5





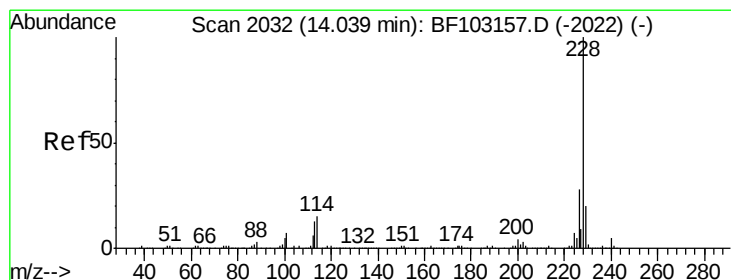
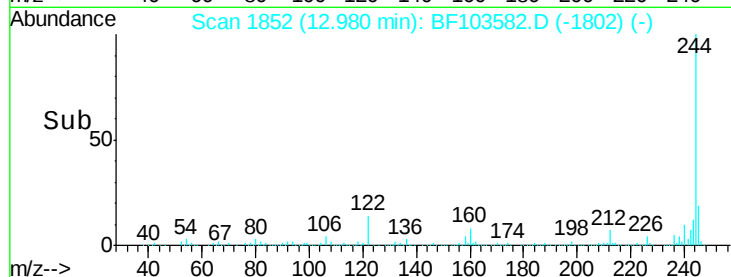
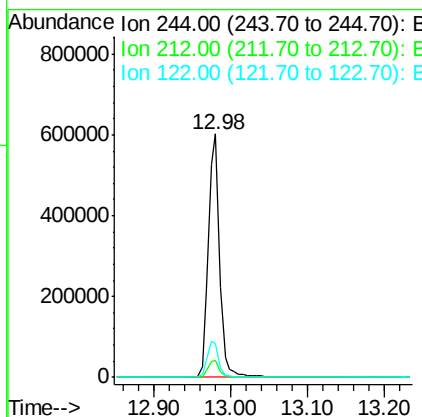
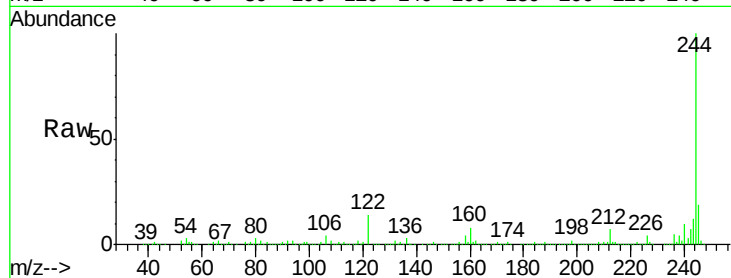
#78
 Terphenyl-d14
 Concen: 66.972 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF103582.D
 Acq: 12 Mar 2018 15:20

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-01-03

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.9	11.0	16.4

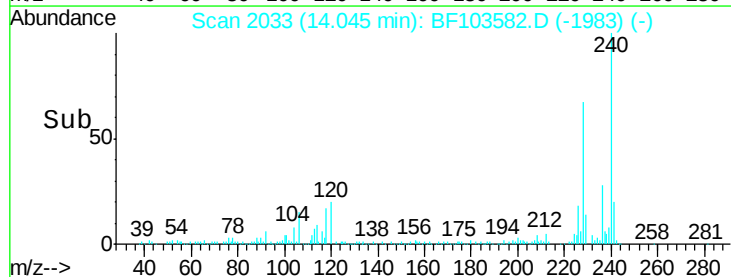
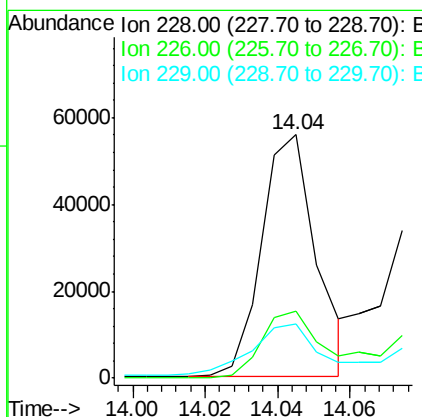
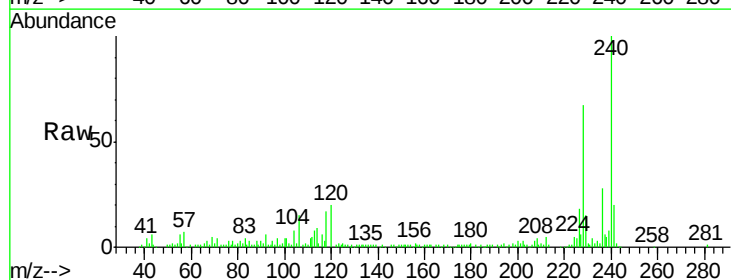
Manual Integrations
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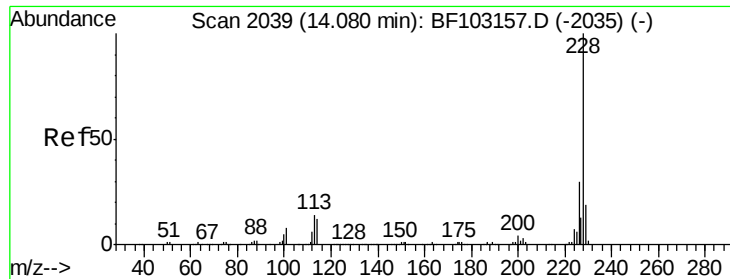
Sohil
 3/13/2018 4:13:05 PM



#80
 Benzo(a)anthracene
 Concen: 4.119 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF103582.D
 Acq: 12 Mar 2018 15:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	22.2	15.8	23.6





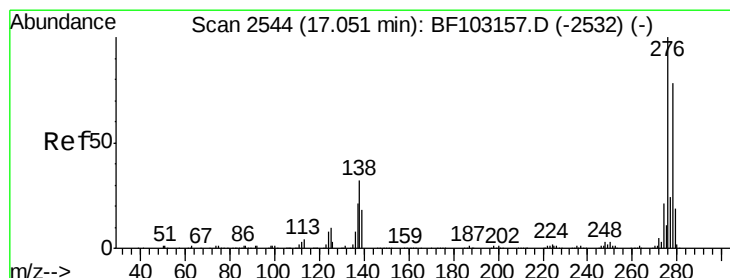
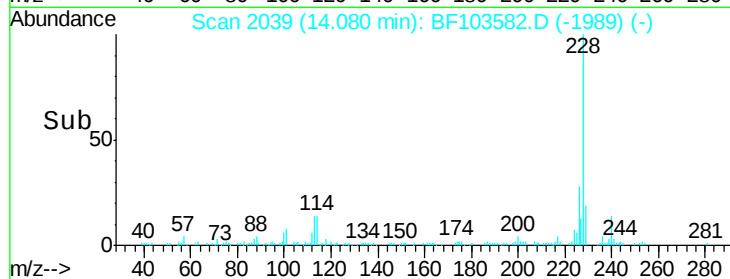
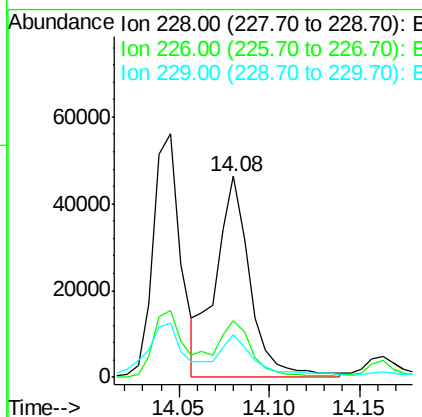
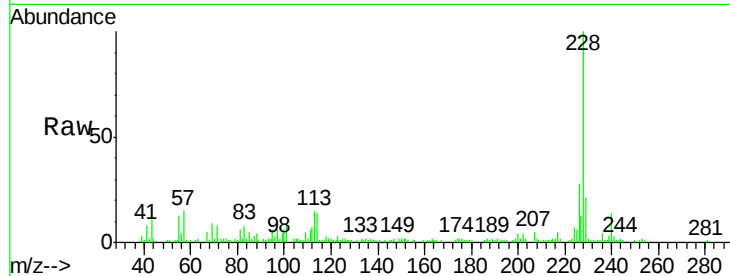
#82
Chrysene
Concen: 4.467 ng/mL
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF103582.D
Acq: 12 Mar 2018 15:20

Instrument :
BNA_F
ClientSampled :
SB-11-01-03

Tot Ion:228	Resp:	61511
Ion Ratio	Lower	Upper
228 100		
226 28.3	25.0	37.6
229 20.9	16.2	24.4

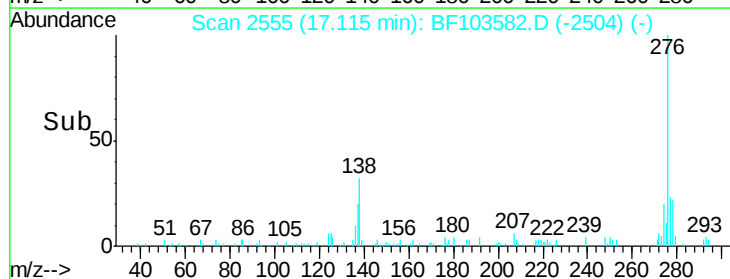
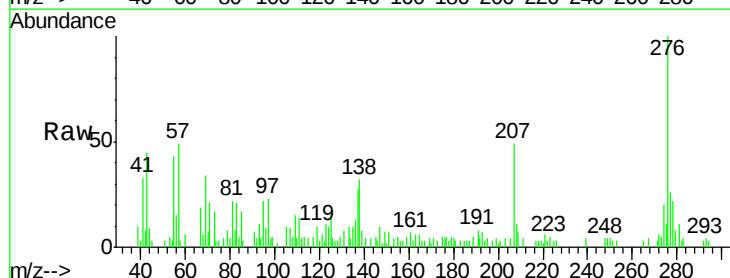
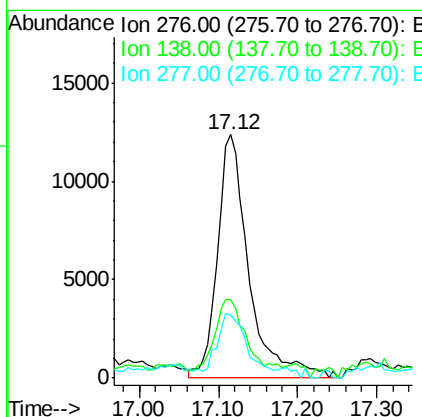
Manual Integrations
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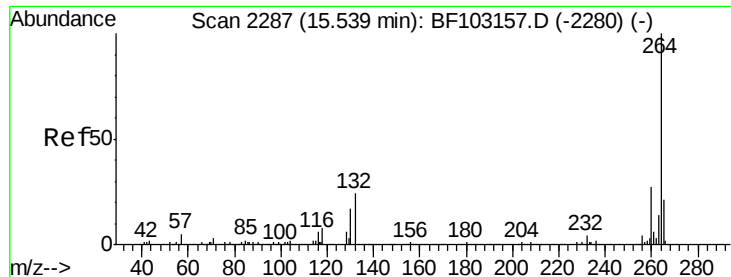
Sohil
3/13/2018 4:13:05 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 3.121 ng/mL
RT: 17.12 min Scan# 2555
Delta R.T. 0.00 min
Lab File: BF103582.D
Acq: 12 Mar 2018 15:20

Tgt Ion:276	Resp:	34031
Ion Ratio	Lower	Upper
276 100		
138 28.9	25.0	37.6
277 20.6	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: BF103582.D

Acq: 12 Mar 2018 15:20

Instrument :

BNA_F

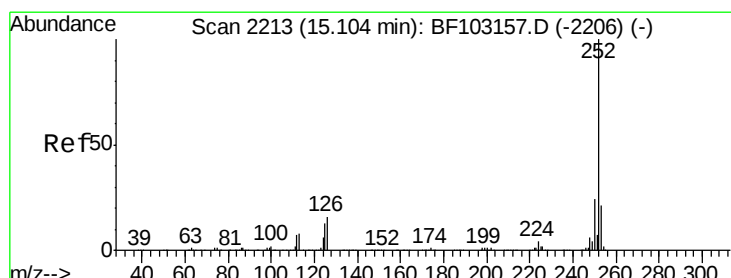
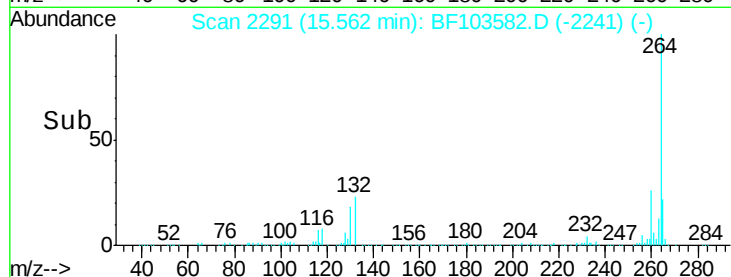
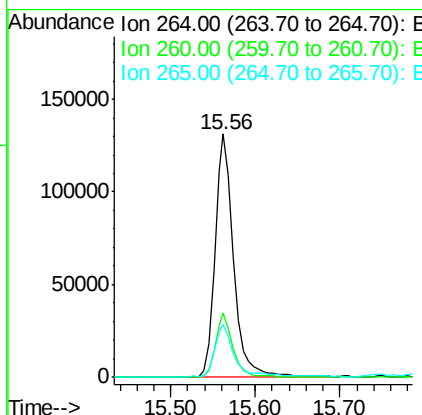
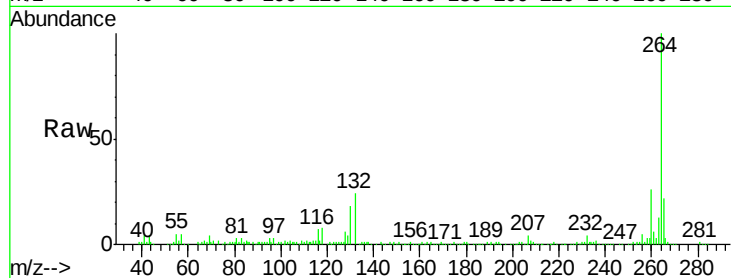
ClientSampleId :

SB-11-01-03

Tot Ion:	264	Resp:	204067
Ion Ratio	Lower	Upper	
264	100		
260	26.5	19.2	28.8
265	21.8	17.5	26.3

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 5.582 ng m

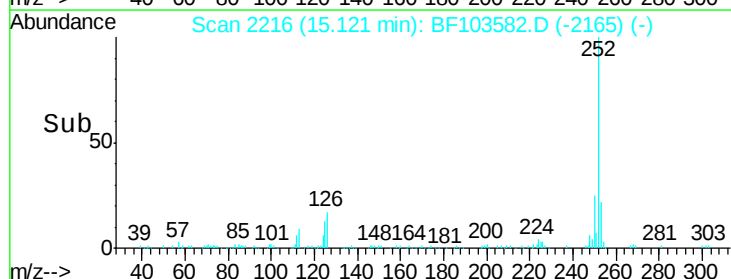
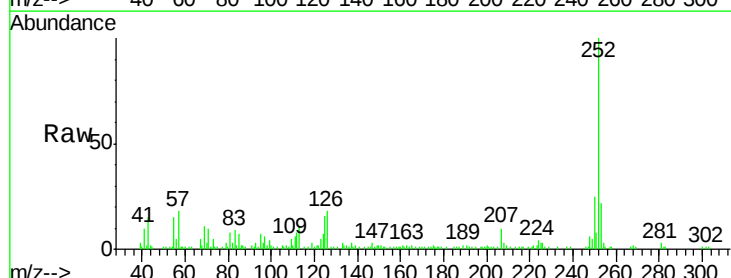
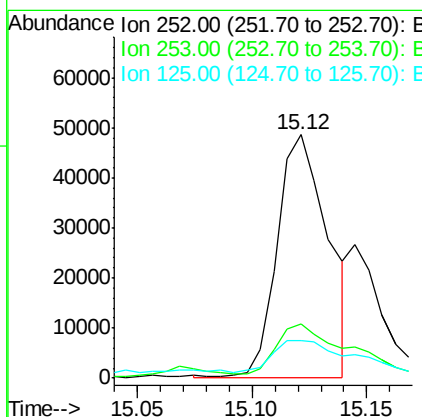
RT: 15.12 min Scan# 2216

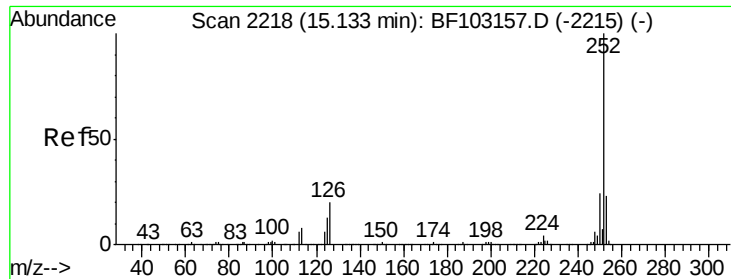
Delta R.T. 0.00 min

Lab File: BF103582.D

Acq: 12 Mar 2018 15:20

Tgt Ion:	252	Resp:	74898
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.0	25.6
125	15.6	9.0	13.6#





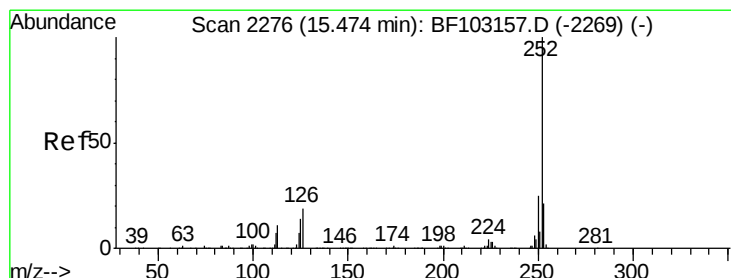
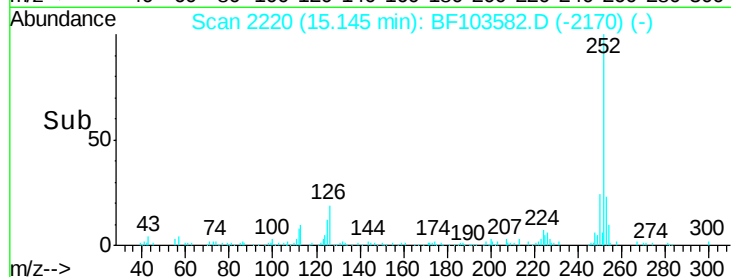
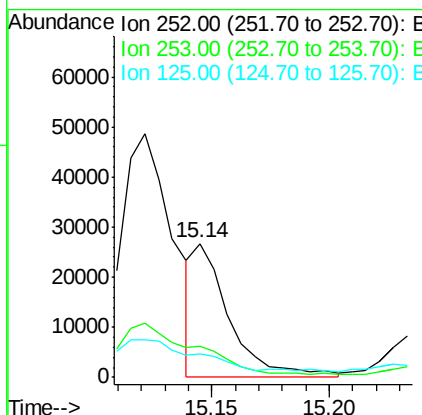
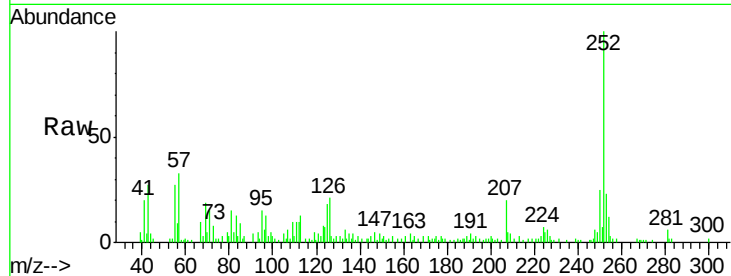
#88
Benzo(k)fluoranthene
Concen: 2.260 ng/mL
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF103582.D
Acq: 12 Mar 2018 15:20

Instrument :
BNA_F
ClientSampleId :
SB-11-01-03

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	17.7	10.2	15.2

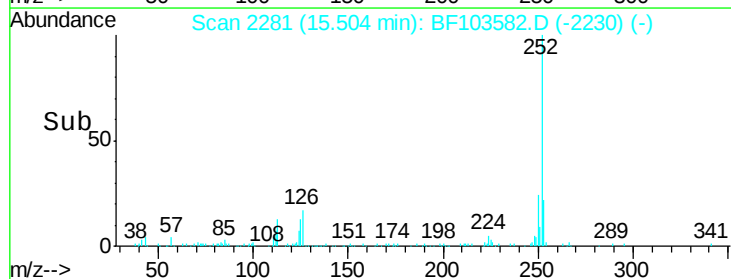
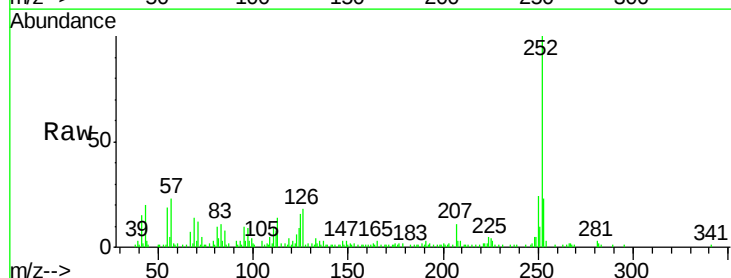
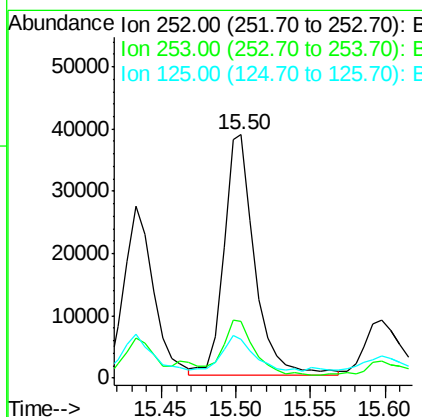
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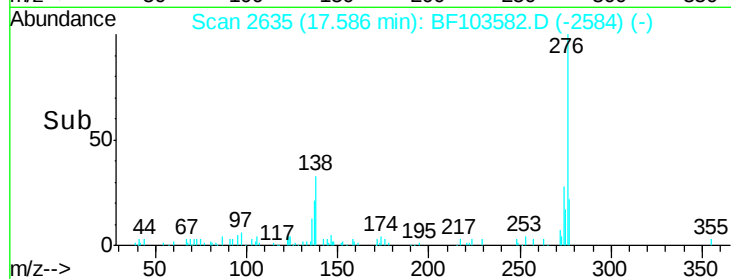
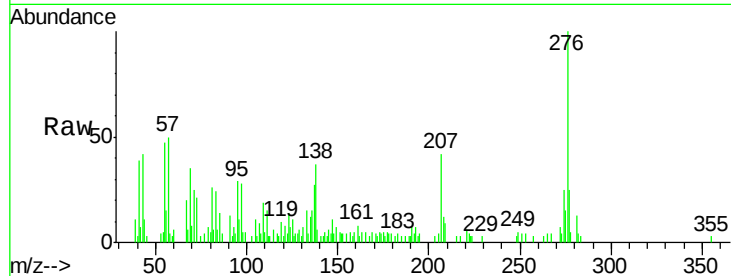
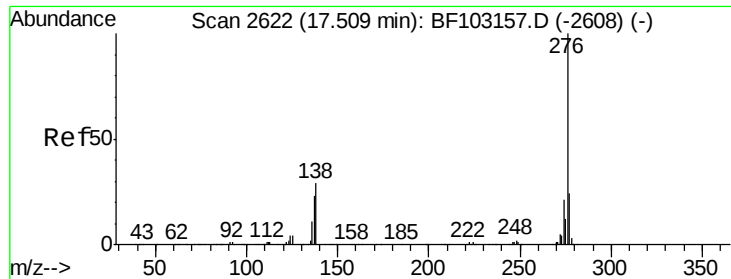
Sohil
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#89
Benzo(a)pyrene
Concen: 4.717 ng/mL
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF103582.D
Acq: 12 Mar 2018 15:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	15.9	9.8	14.6





#91

Benzo(a,h,i)perylene

Concen: 3.440 ng

RT: 17.59 min Scan# 2635

Delta R.T. 0.00 min

Lab File: BF103582.D

Acq: 12 Mar 2018 15:20

Instrument :

BNA_F

ClientSampled :

SB-11-01-03

Tot Ion:	276	Resp:	31130
Ion Ratio	Lower	Upper	
276	100		
277	25.1	17.9	26.9
138	37.2	21.8	32.8

Manual Integrations
APPROVED

Sohil
3/13/2018 4:13:05 PM

