

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF104978.D
 Acq On : 1 May 2018 12:48
 Operator : JU/SJ
 Sample : J2165-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-042718

Manual Integrations
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Quant Time: May 02 09:55:03 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 16:13:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	121800	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	509052	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	230605	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	394366	20.00	ng	0.00
75) Chrysene-d12	13.96	240	248204	20.00	ng	-0.01
86) Perylene-d12	15.43	264	249756	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	740305	92.94	ng	0.00
7) Phenol-d6	6.43	99	901465	92.11	ng	0.00
23) Nitrobenzene-d5	7.36	82	554388	71.11	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	229922	96.12	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	948910	65.00	ng	0.00
78) Terphenyl-d14	12.91	244	768185	70.56	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.54	163	119959	6.597	ng	Qvalue 100
70) Phenanthrene	11.34	178	265262	12.078	ng	98
71) Anthracene	11.39	178	51703	2.316	ng	99
74) Fluoranthene	12.53	202	346389	15.096	ng	98
77) Pyrene	12.76	202	273440	14.863	ng	99
80) Benzo(a)anthracene	13.95	228	119680	8.071	ng	100
82) Chrysene	13.99	228	112052	7.357	ng	96
85) Indeno(1,2,3-cd)pyrene	16.88	276	57291	4.428	ng	# 92
87) Benzo(b)fluoranthene	15.00	252	142874m	9.057	ng	
88) Benzo(k)fluoranthene	15.03	252	48558m	3.261	ng	
89) Benzo(a)pyrene	15.36	252	99575	7.055	ng	97
91) Benzo(g,h,i)perylene	17.33	276	55792	4.968	ng	92

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

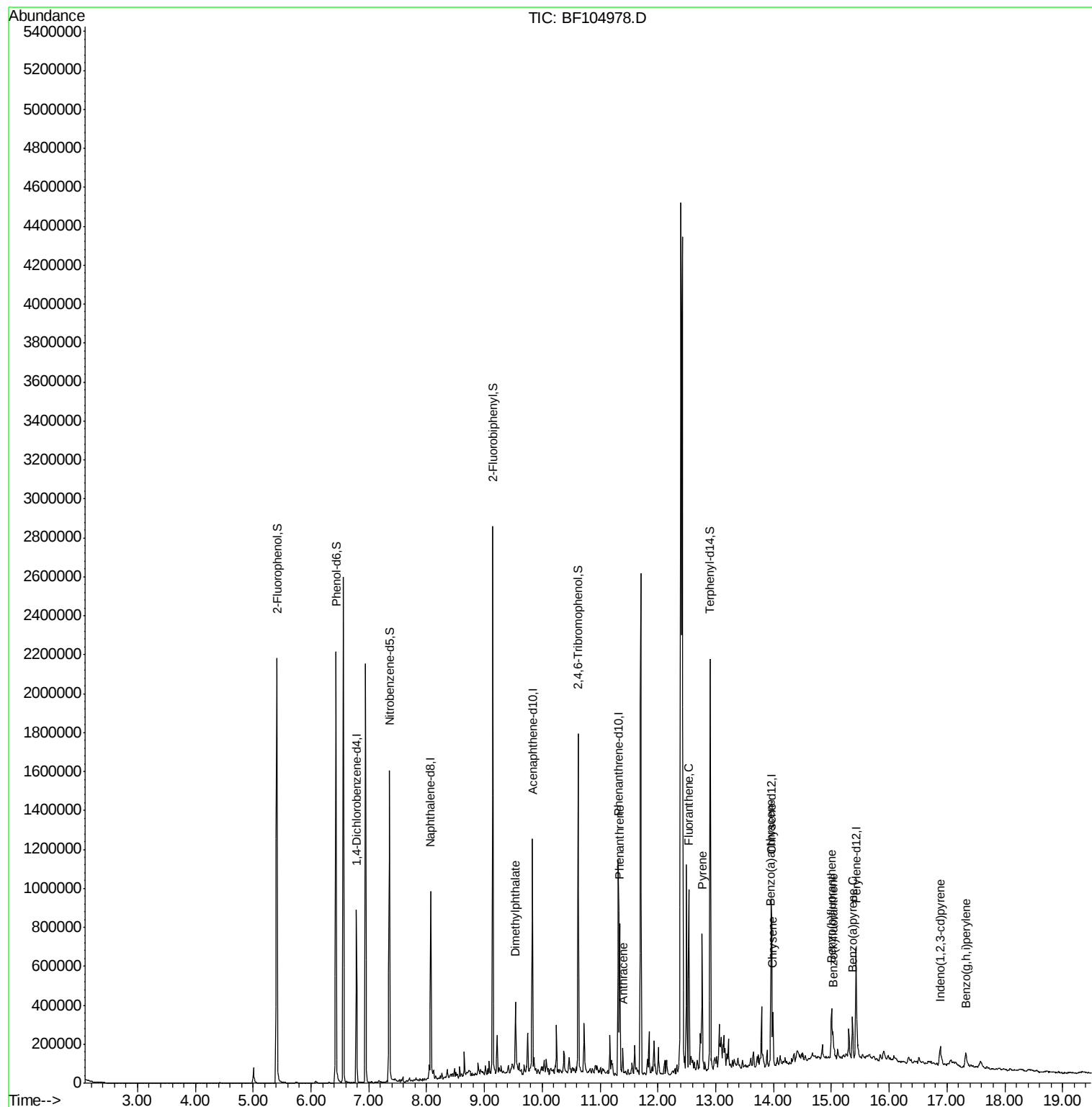
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104978.D
Acq On : 1 May 2018 12:48
Operator : JU/SJ
Sample : J2165-07
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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#1

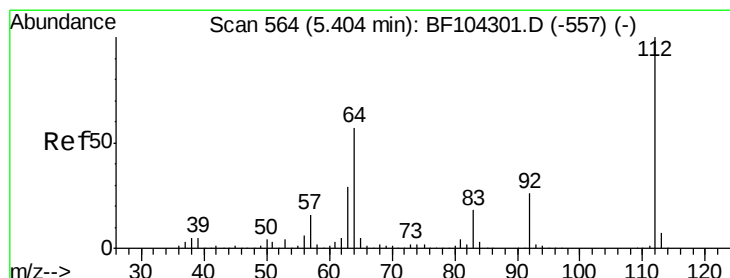
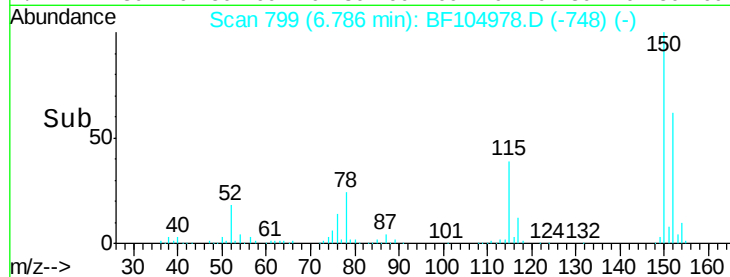
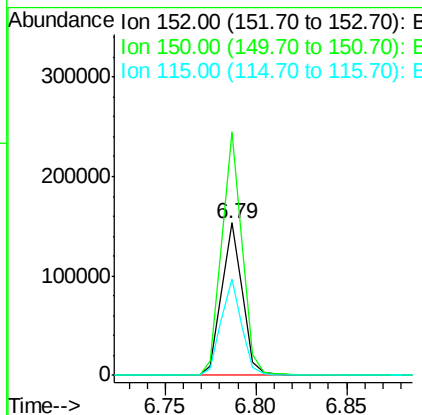
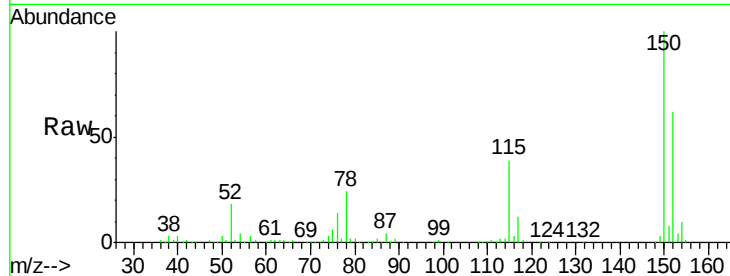
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF104978.D
 Acq: 1 May 2018 12:48

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-042718

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	63.0	50.1	75.1

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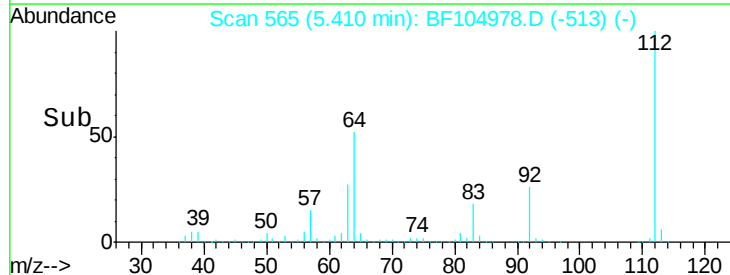
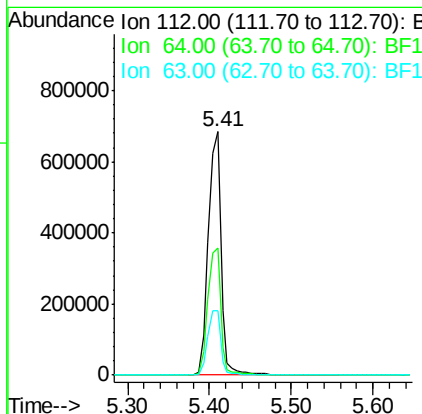
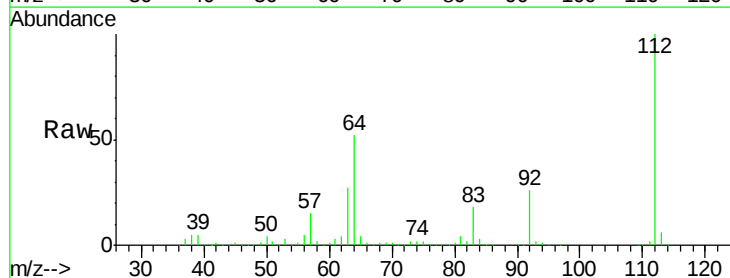
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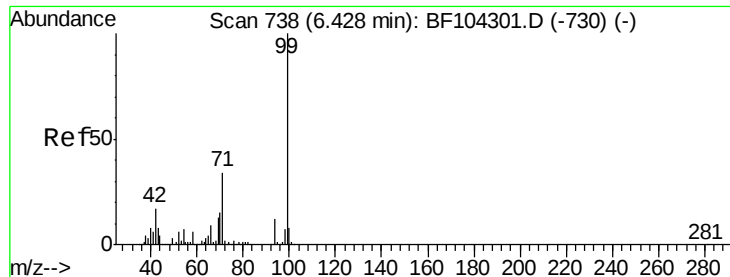


#5

2-Fluorophenol
 Concen: 92.937 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF104978.D
 Acq: 1 May 2018 12:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.3	47.9	71.9
63	26.5	23.7	35.5





#7

Phenol-d6

Concen: 92.106 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF104978.D

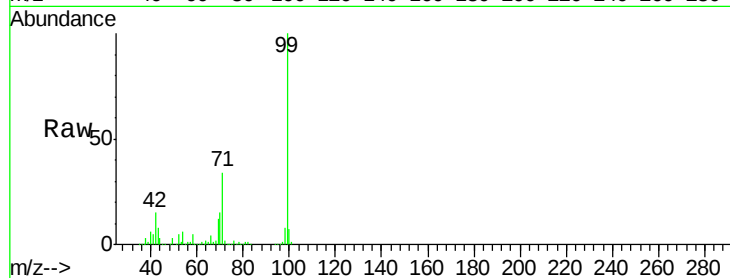
Acq: 1 May 2018 12:48

Instrument :

BNA_F

ClientSampled :

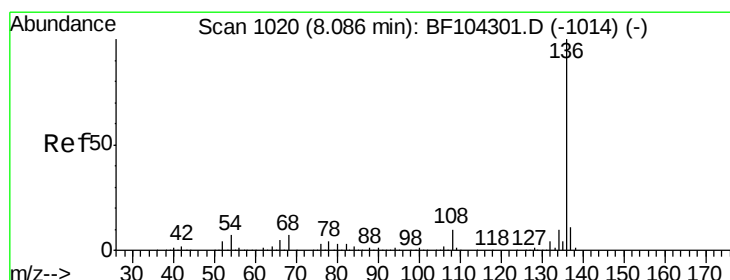
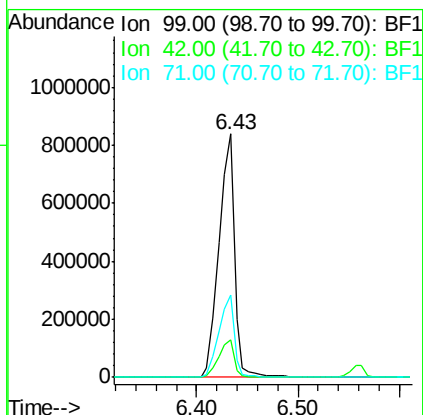
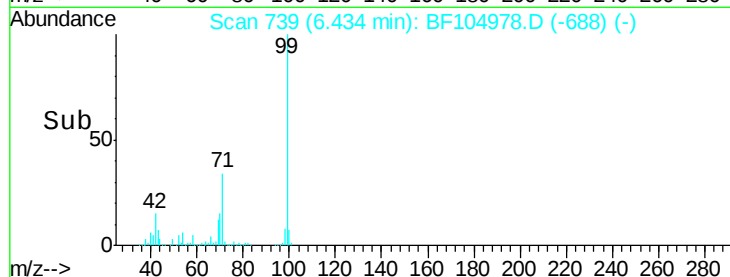
SU-04-042718



Tgt Ion:	99	Resp:	901465
Ion Ratio	Lower	Upper	
99	100		
42	15.2	14.5	21.7
71	33.9	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

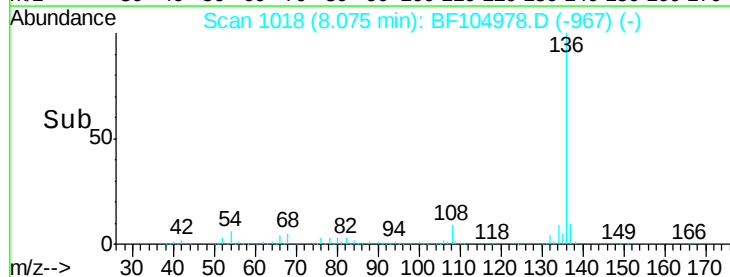
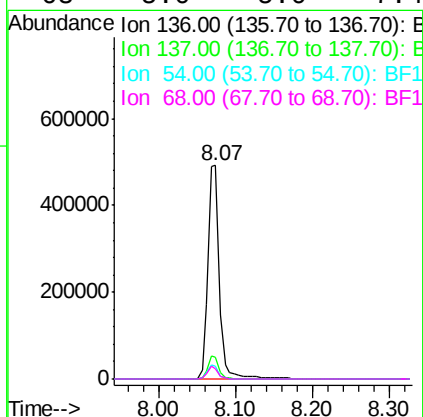
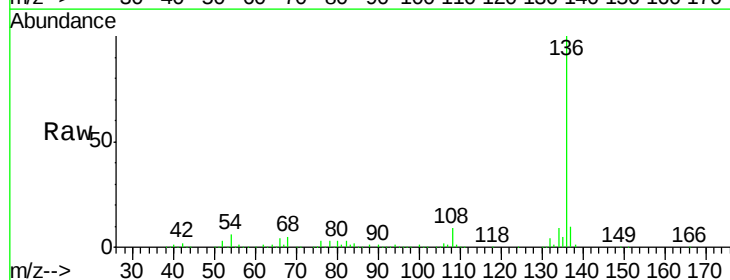
RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF104978.D

Acq: 1 May 2018 12:48

Tgt Ion:	136	Resp:	509052
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.9	13.3
54	5.7	6.6	9.8#
68	5.0	5.0	7.4





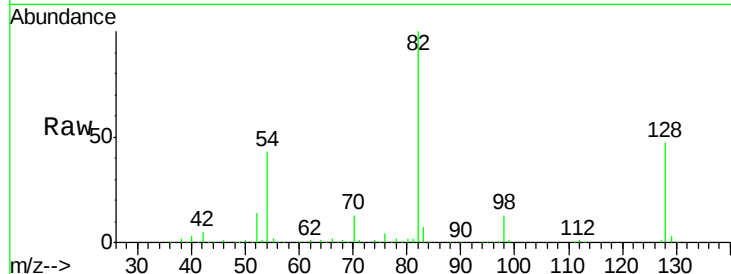
#23
Nitrobenzene-d5
Concen: 71.113 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF104978.D
Acq: 1 May 2018 12:48

Instrument :
BNA_F
ClientSampleId :
SU-04-042718

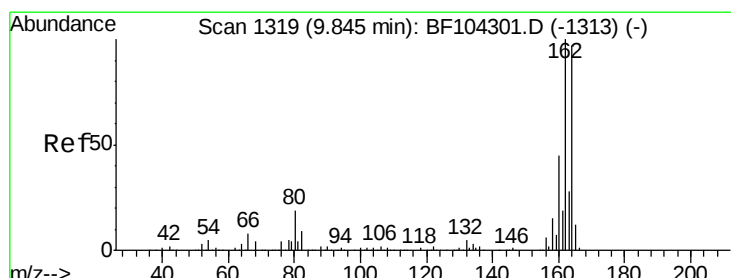
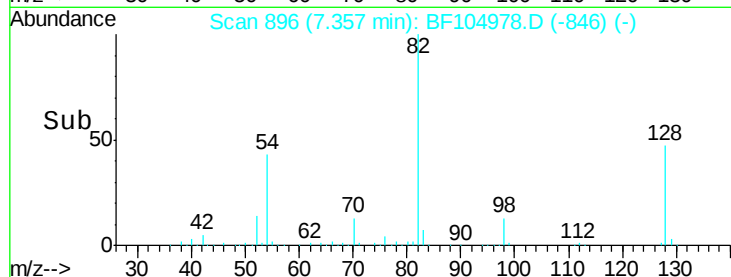
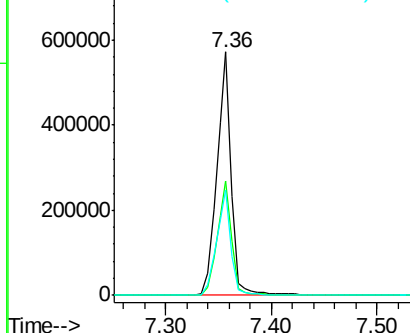
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	554388		
128	46.8	36.1	54.1	
54	43.4	41.4	62.2	

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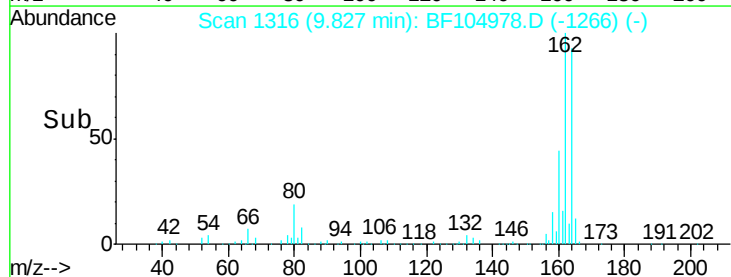
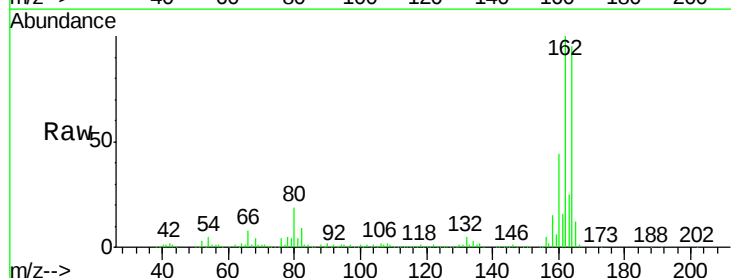
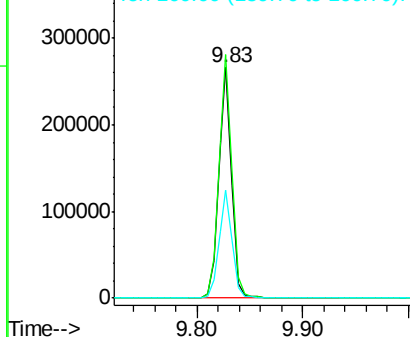
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

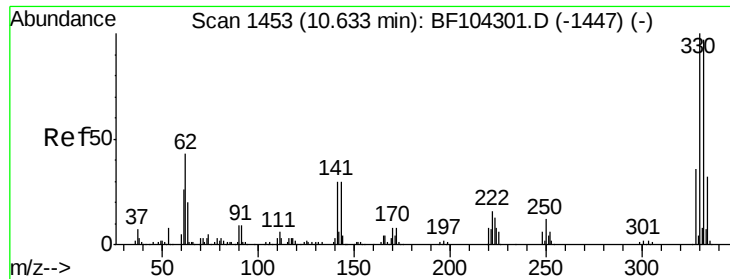


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF104978.D
Acq: 1 May 2018 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	230605		
162	105.5	86.1	129.1	
160	46.7	38.3	57.5	

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





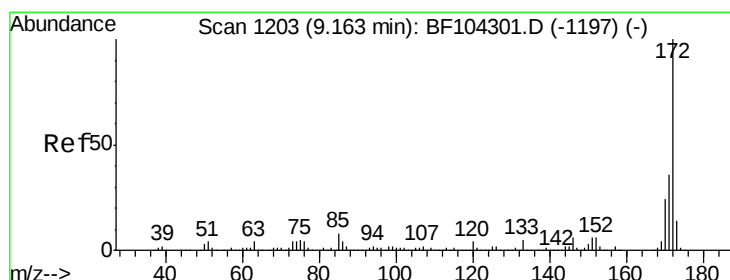
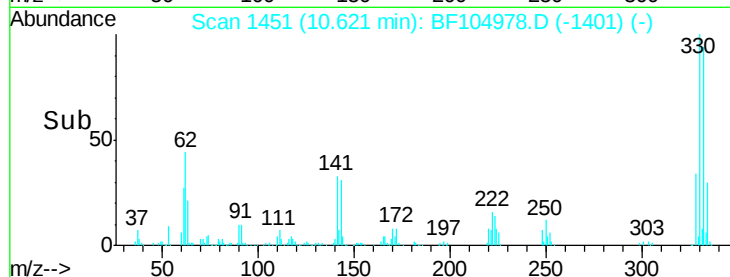
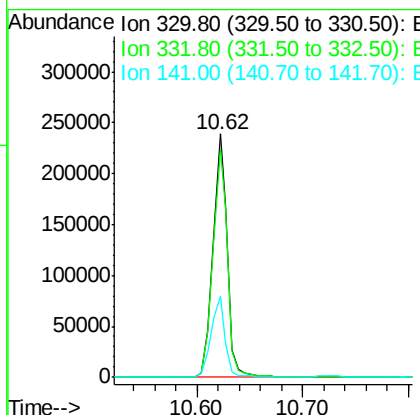
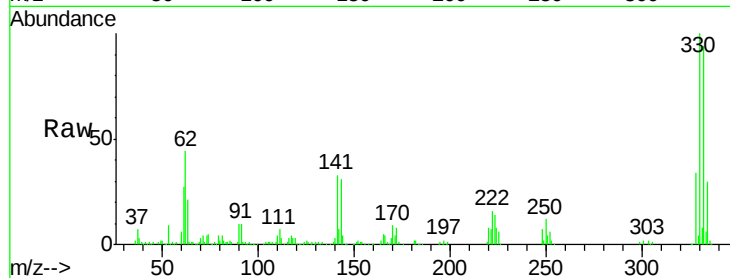
#41
 2,4,6-Tribromophenol
 Concen: 96.116 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF104978.D
 Acq: 1 May 2018 12:48

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-042718

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	229922		
332	95.1	77.0	115.6	
141	32.1	29.9	44.9	

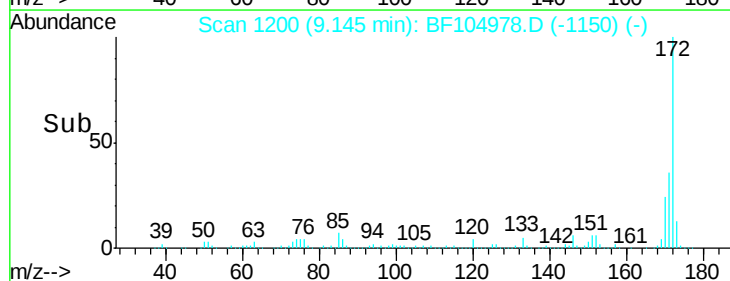
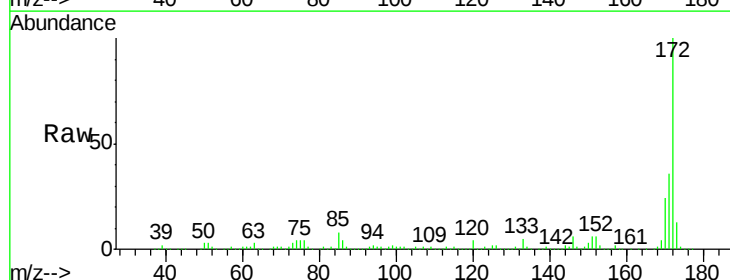
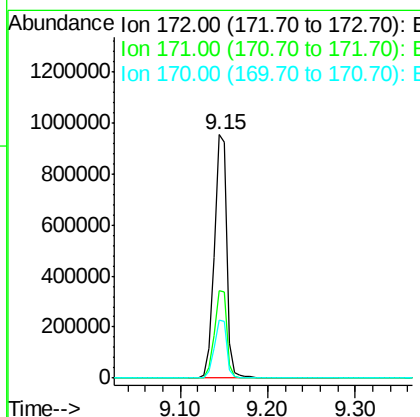
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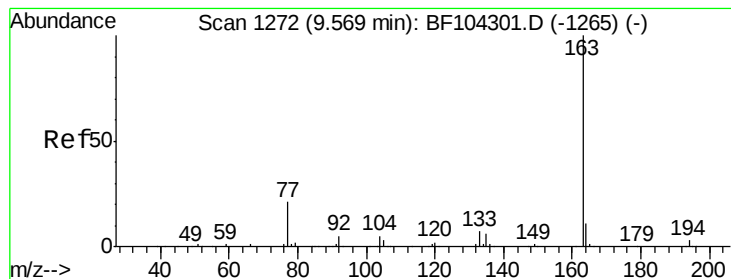
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#44
 2-Fluorobiphenyl
 Concen: 65.005 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF104978.D
 Acq: 1 May 2018 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	948910		
171	36.1	29.7	44.5	
170	23.6	19.6	29.4	





#49

Dimethylphthalate

Concen: 6.597 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BF104978.D

Acq: 1 May 2018 12:48

Instrument :

BNA_F

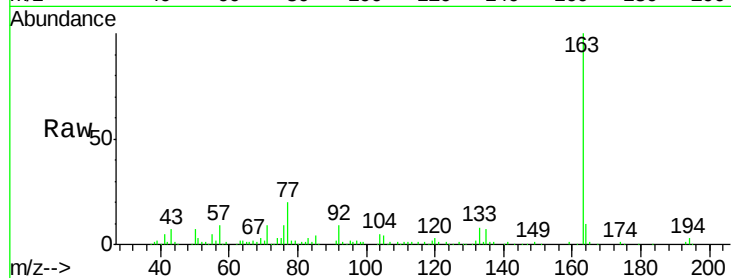
ClientSampleId :

SU-04-042718

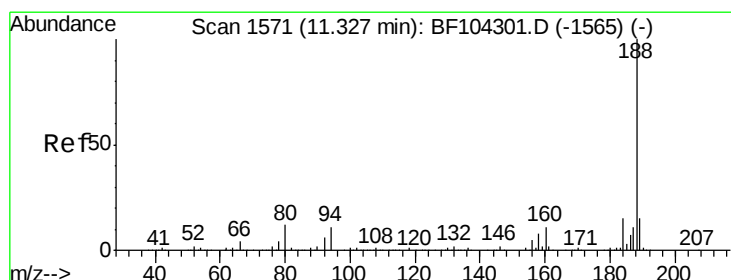
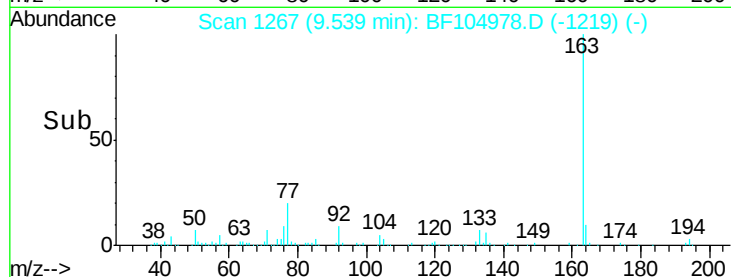
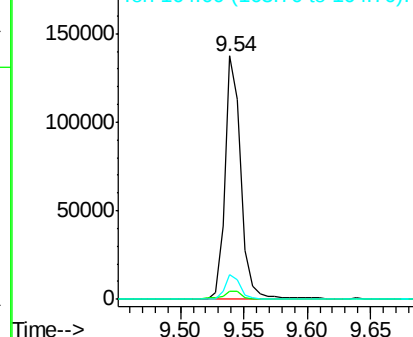
Tgt Ion:	163	Resp:	119959
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.7	4.1
164	10.2	8.2	12.2

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

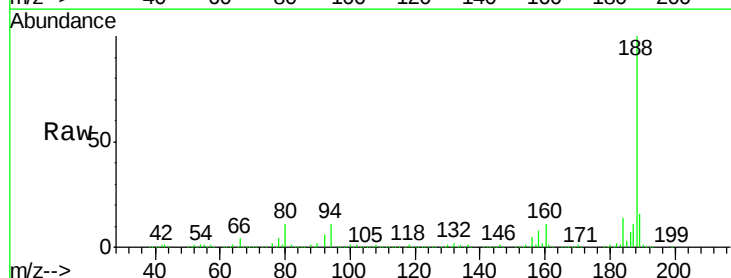
RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

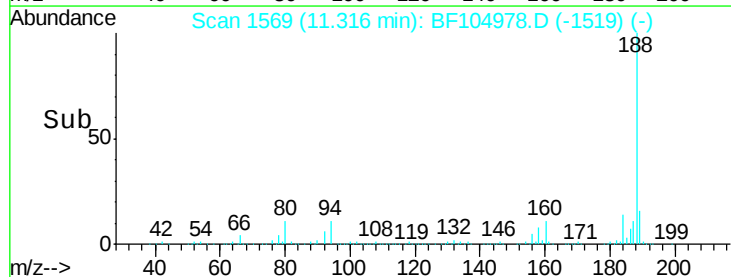
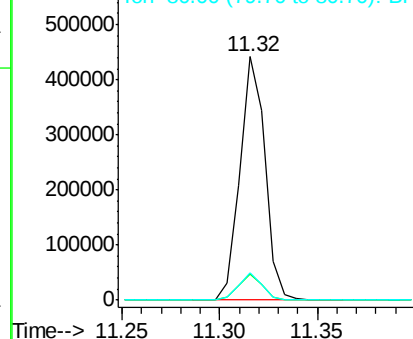
Lab File: BF104978.D

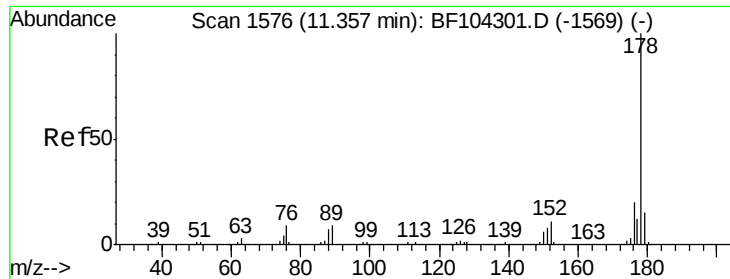
Acq: 1 May 2018 12:48

Tgt Ion:	188	Resp:	394366
Ion Ratio	Lower	Upper	
188	100		
94	10.5	8.5	12.7
80	11.1	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





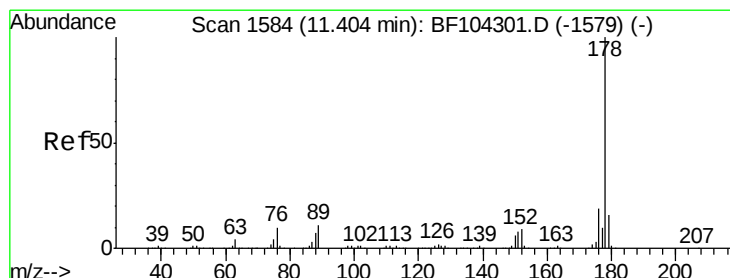
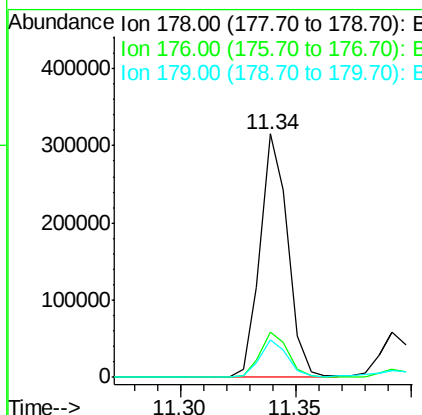
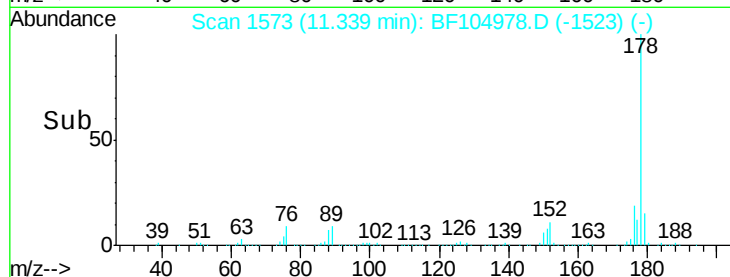
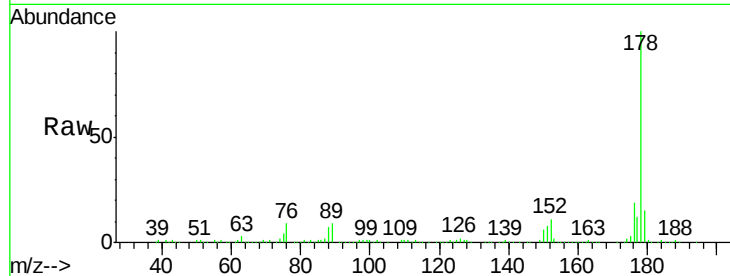
#70
Phenanthrene
Concen: 12.078 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF104978.D
Acq: 1 May 2018 12:48

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.4	13.0	19.6

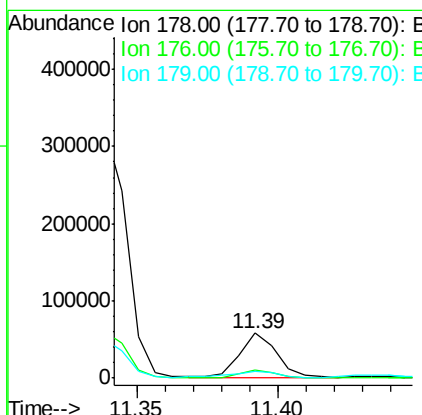
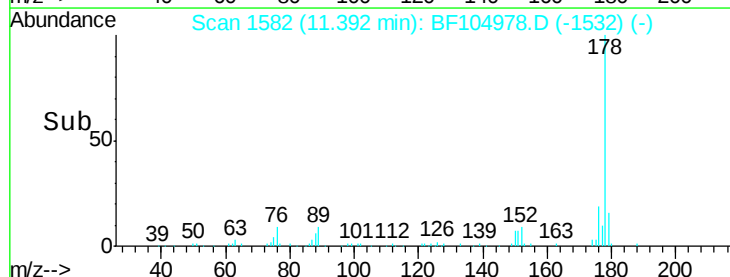
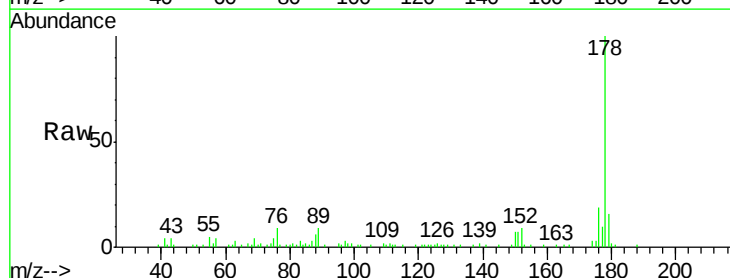
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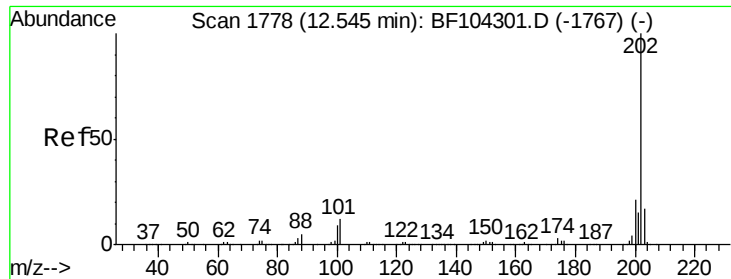
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#71
Anthracene
Concen: 2.316 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF104978.D
Acq: 1 May 2018 12:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.9	12.6	19.0





#74

Fluoranthene

Concen: 15.096 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF104978.D

Acq: 1 May 2018 12:48

Instrument :

BNA_F

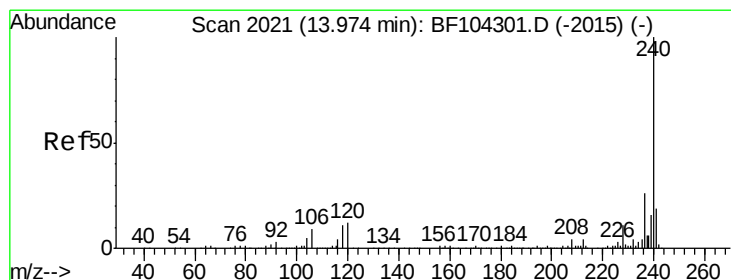
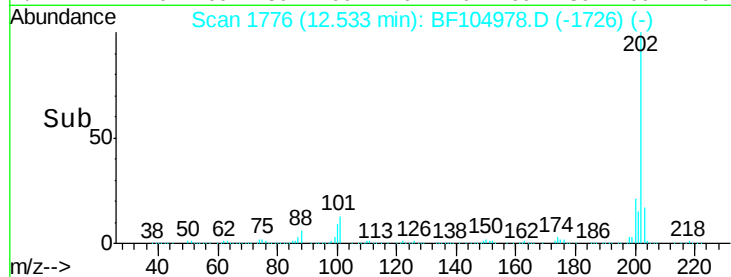
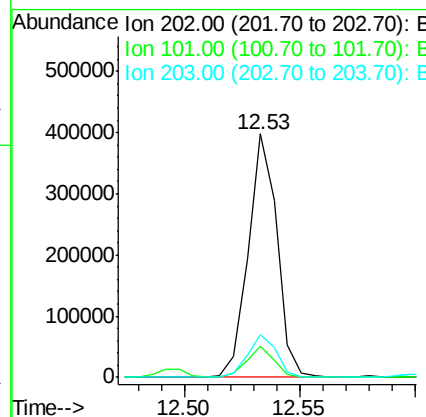
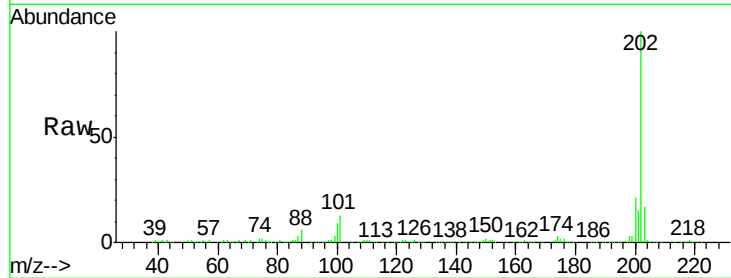
ClientSampleId :

SU-04-042718

Tgt	Ion	202	Resp:	346389
Ion	Ratio	Lower	Upper	
202	100			
101	12.9	0.0	34.1	
203	17.5	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

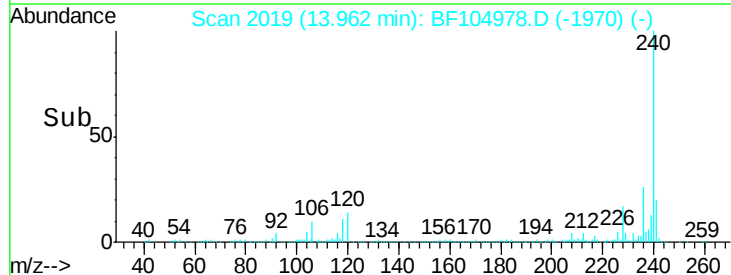
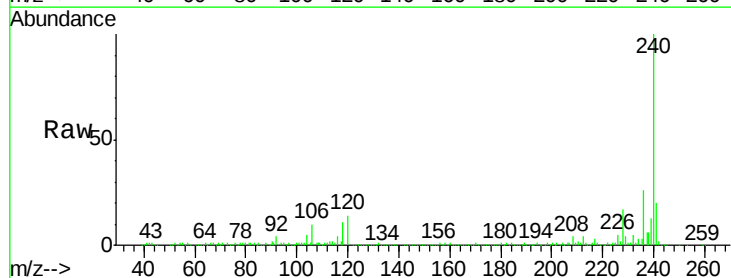
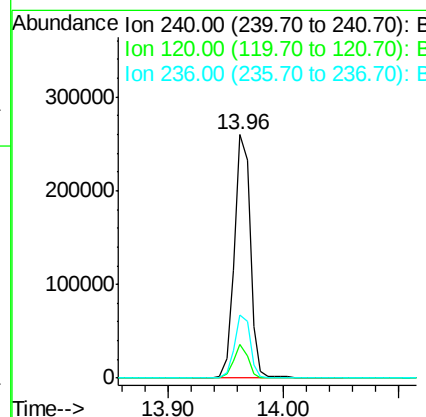
RT: 13.96 min Scan# 2019

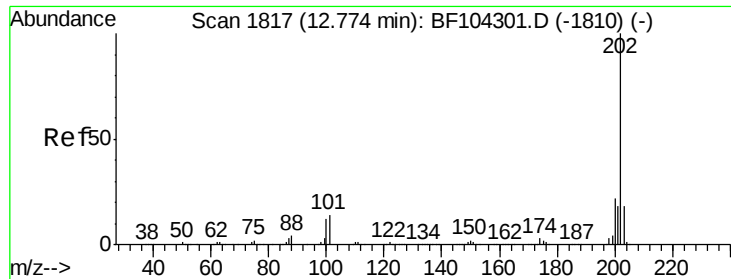
Delta R.T. -0.01 min

Lab File: BF104978.D

Acq: 1 May 2018 12:48

Tgt	Ion	240	Resp:	248204
Ion	Ratio	Lower	Upper	
240	100			
120	13.7	9.5	14.3	
236	26.0	20.7	31.1	





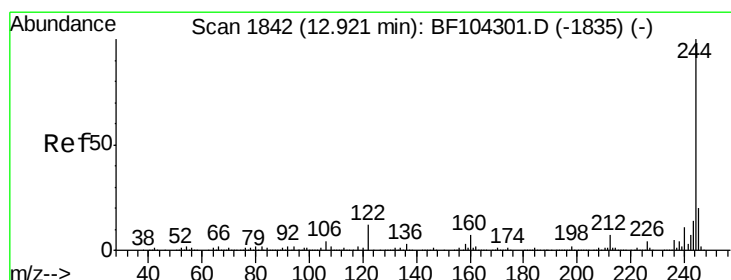
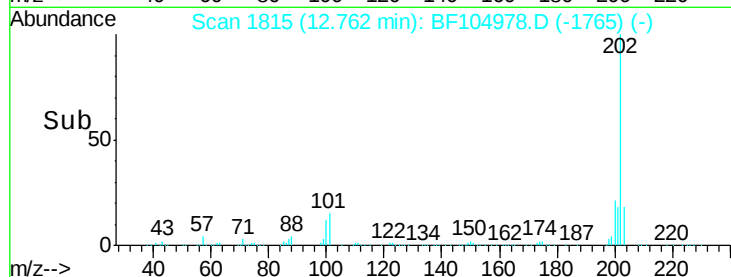
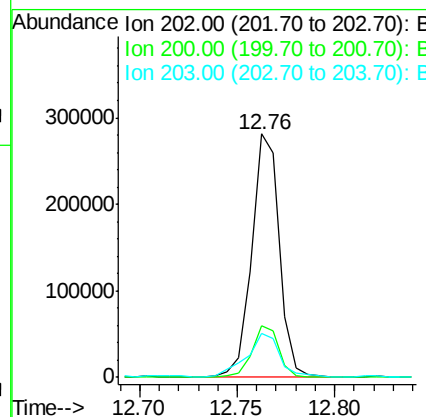
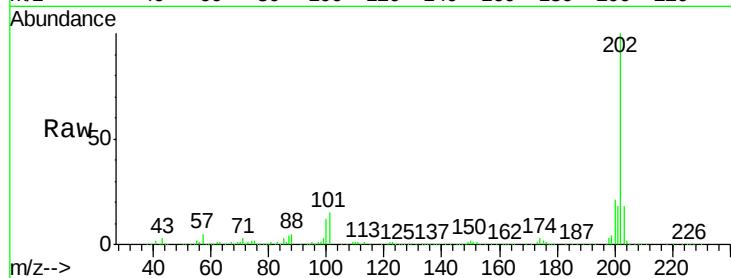
#77
Pyrene
Concen: 14.863 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF104978.D
Acq: 1 May 2018 12:48

Instrument :
BNA_F
ClientSampleId :
SU-04-042718

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	273440		
200	21.1	17.4	26.2	
203	18.2	14.3	21.5	

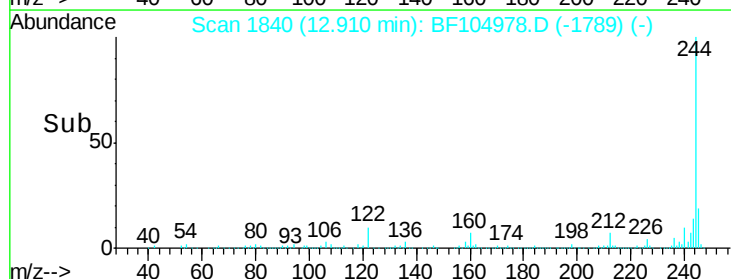
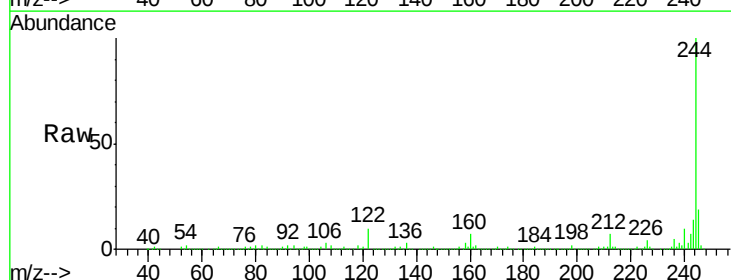
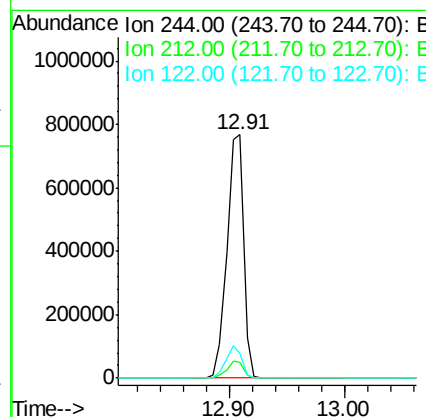
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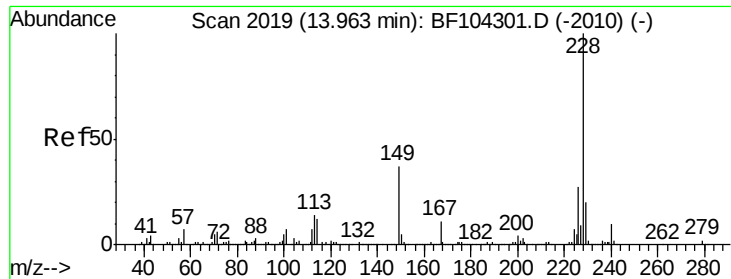
Sohil
5/2/2018 4:21:17 PM



#78
Terphenyl-d14
Concen: 70.560 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BF104978.D
Acq: 1 May 2018 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	768185		
212	6.6	5.4	8.0	
122	10.4	11.0	16.4	





#80

Benzo(a)anthracene

Concen: 8.071 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF104978.D

Acq: 1 May 2018 12:48

Instrument :

BNA_F

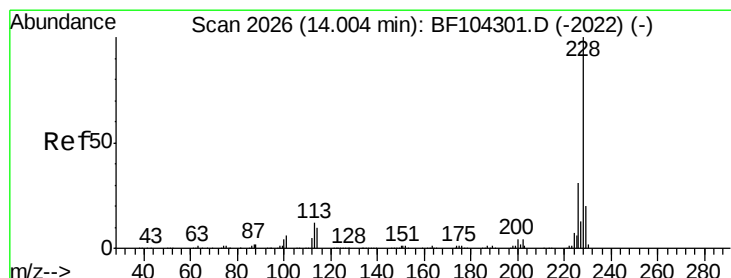
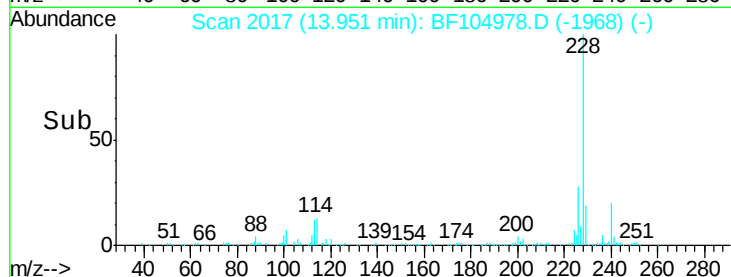
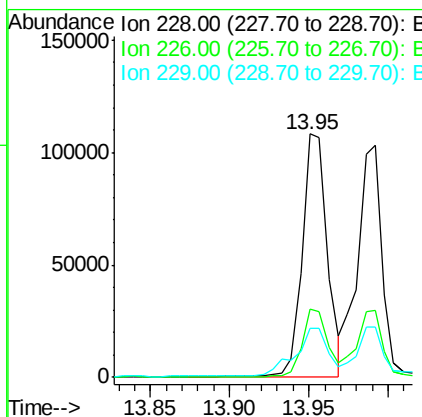
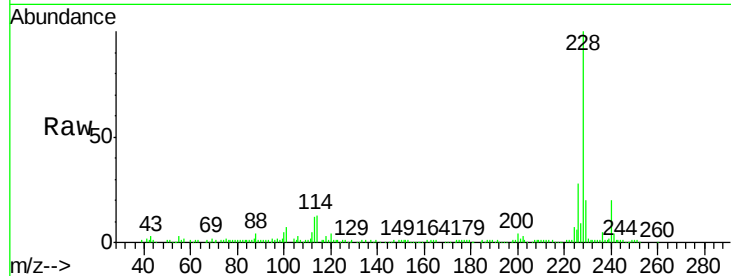
ClientSampleId :

SU-04-042718

Tgt Ion:	228	Resp:	119680
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.6	33.8
229	19.9	15.8	23.6

Manual Integrations
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#82

Chrysene

Concen: 7.357 ng

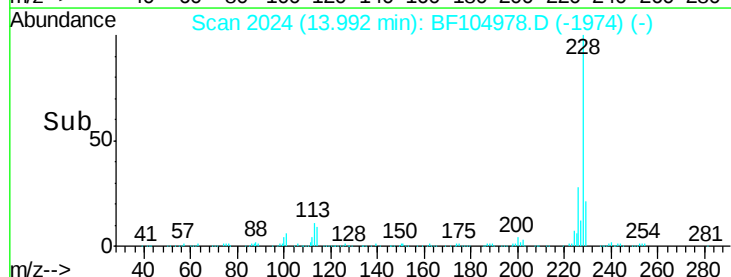
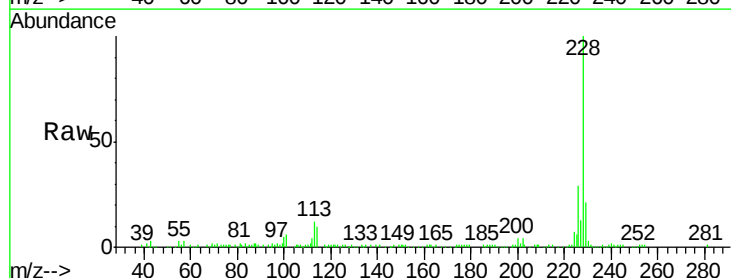
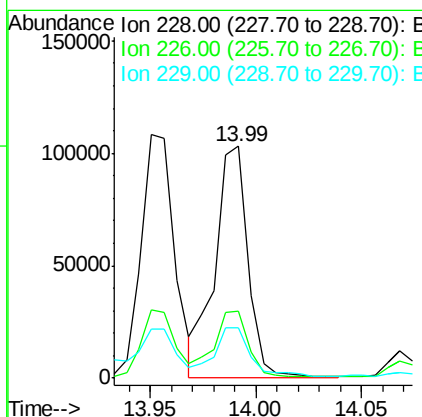
RT: 13.99 min Scan# 2024

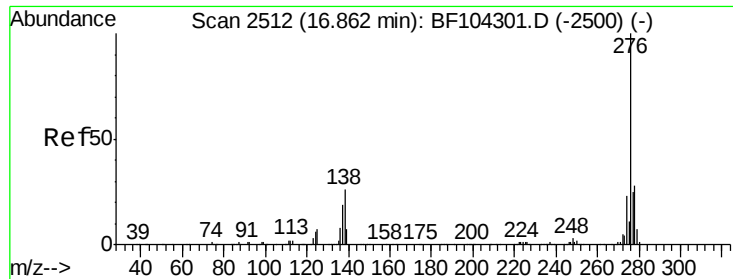
Delta R.T. -0.01 min

Lab File: BF104978.D

Acq: 1 May 2018 12:48

Tgt Ion:	228	Resp:	112052
Ion Ratio	Lower	Upper	
228	100		
226	28.8	25.0	37.6
229	21.5	16.2	24.4





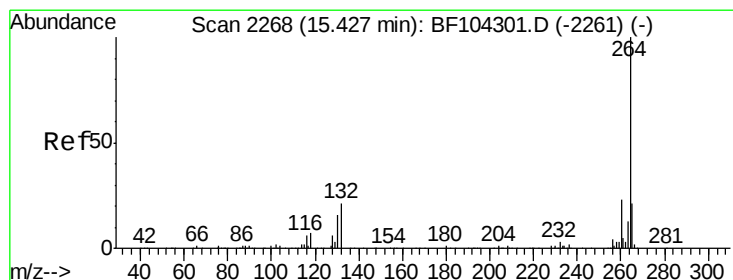
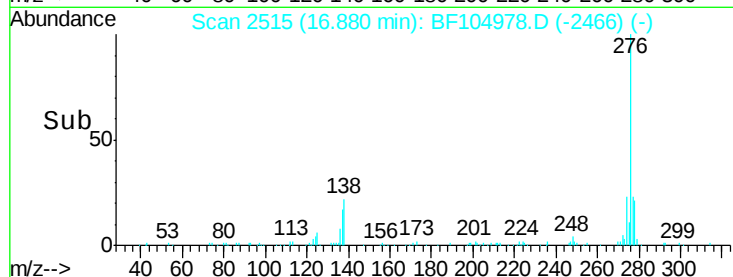
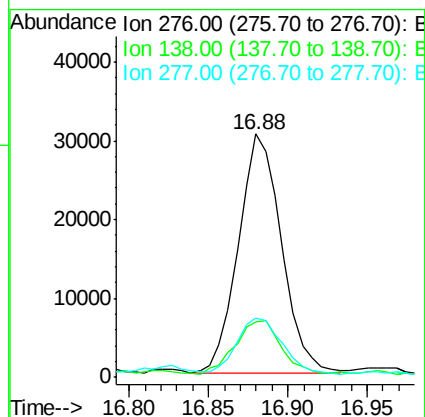
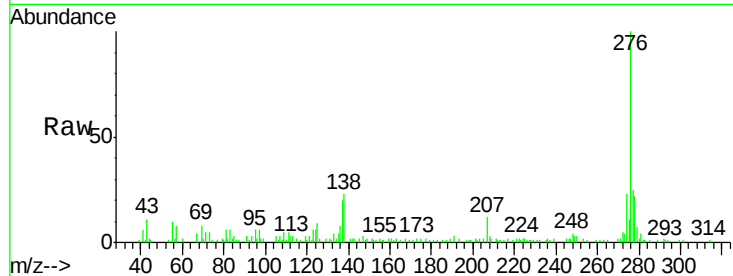
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.428 ng
 RT: 16.88 min Scan# 2515
 Delta R.T. -0.01 min
 Lab File: BF104978.D
 Acq: 1 May 2018 12:48

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-042718

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.1	25.0	37.6#
277	24.4	20.1	30.1

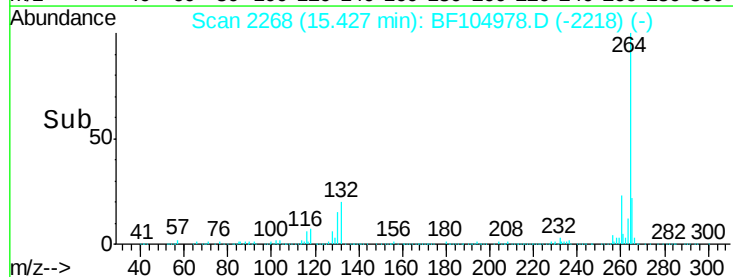
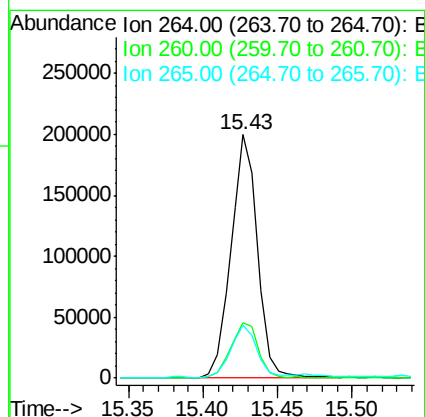
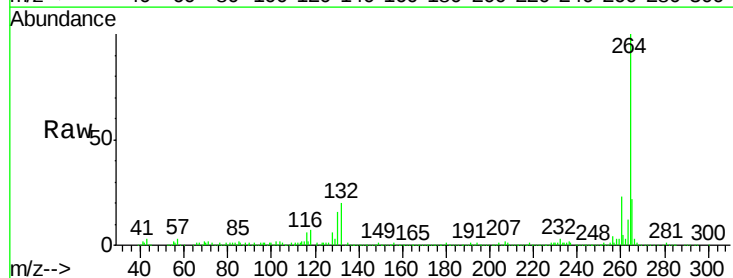
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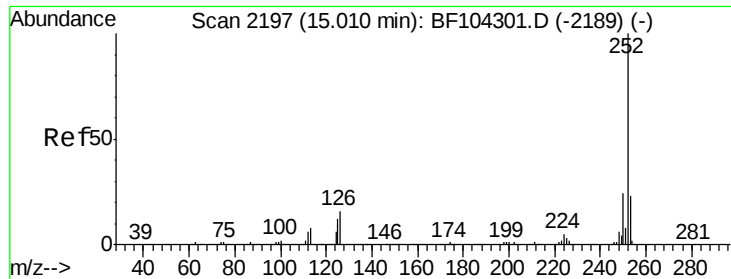
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF104978.D
 Acq: 1 May 2018 12:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 9.057 ng m

RT: 15.00 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BF104978.D

Acq: 1 May 2018 12:48

Instrument :

BNA_F

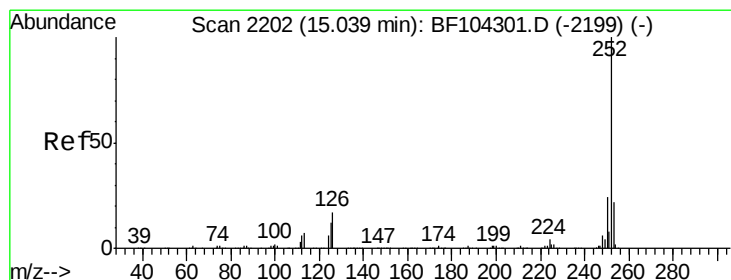
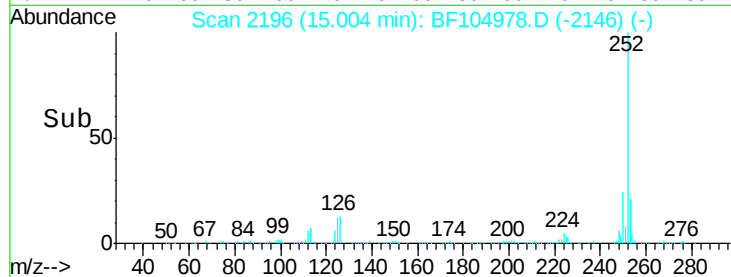
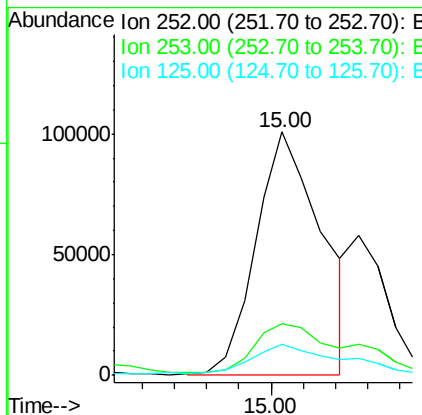
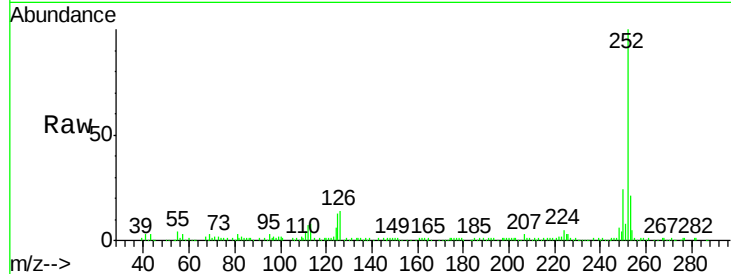
ClientSampleId :

SU-04-042718

Tgt Ion:	252	Resp:	142874
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.0	25.6
125	12.6	9.0	13.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 3.261 ng m

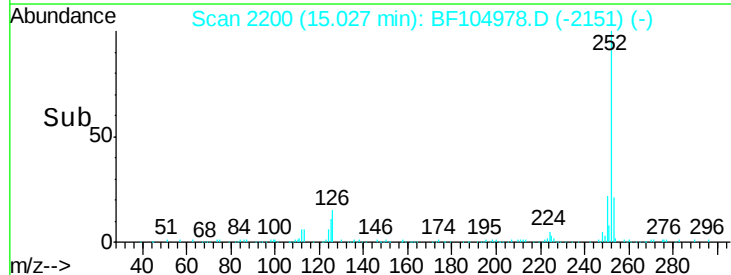
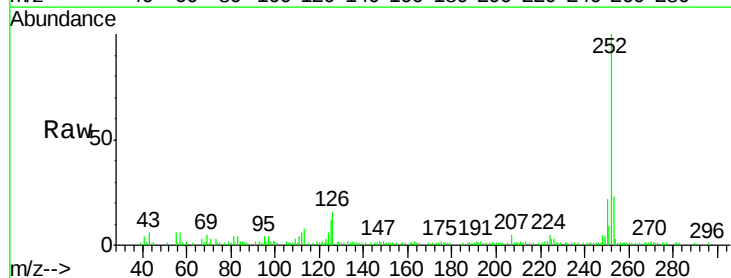
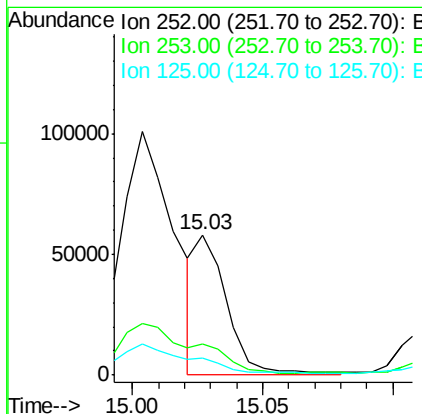
RT: 15.03 min Scan# 2200

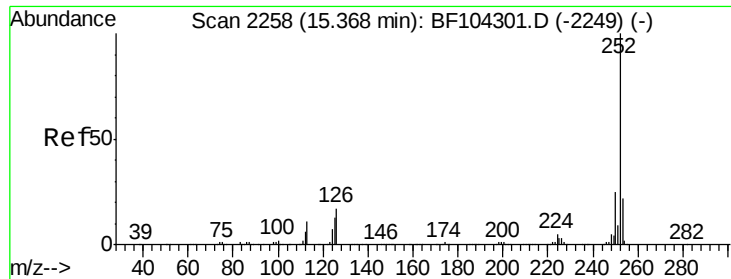
Delta R.T. -0.01 min

Lab File: BF104978.D

Acq: 1 May 2018 12:48

Tgt Ion:	252	Resp:	48558
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.9	26.9
125	12.1	10.2	15.2





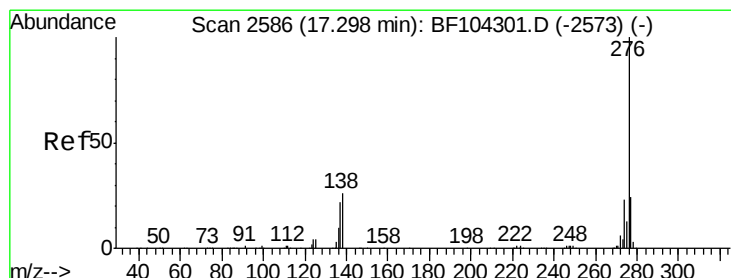
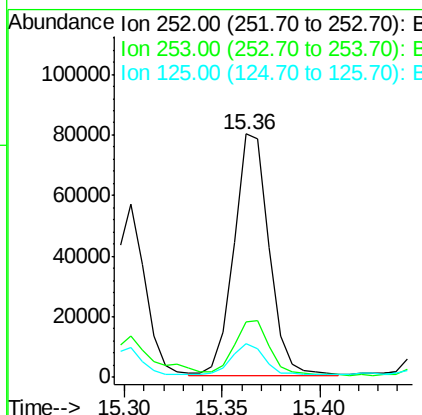
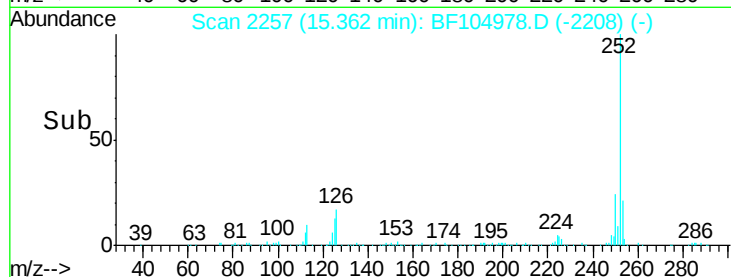
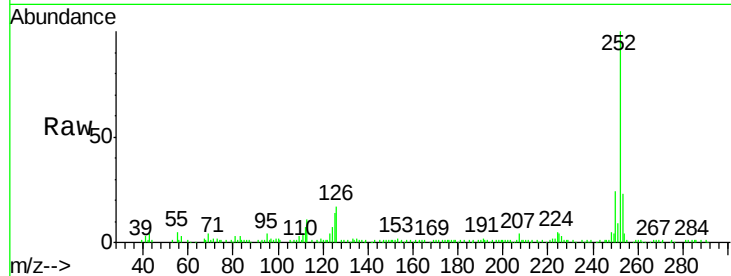
#89
Benzo(a)pyrene
Concen: 7.055 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF104978.D
Acq: 1 May 2018 12:48

Instrument :
BNA_F
ClientSampleId :
SU-04-042718

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	13.7	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 4.968 ng
RT: 17.33 min Scan# 2591
Delta R.T. -0.01 min
Lab File: BF104978.D
Acq: 1 May 2018 12:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.6	17.9	26.9
138	22.7	21.8	32.8

