

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
 Data File : BF104025.D
 Acq On : 28 Mar 2018 22:02
 Operator : JU/SJ
 Sample : J2096-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-T2

Manual Integrations
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Quant Time: Mar 29 06:04:51 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	116858	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	473657	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	155412	20.00	ng	0.01
63) Phenanthrene-d10	11.53	188	131277	20.00	ng	0.03
75) Chrysene-d12	14.17	240	197866	20.00	ng	0.02
86) Perylene-d12	15.70	264	190724	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	115598m	15.78	ng	0.00
7) Phenol-d6	6.60	99	161076	17.87	ng	0.00
23) Nitrobenzene-d5	7.53	82	92981	12.01	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	24138	13.95	ng	0.01
44) 2-Fluorobiphenyl	9.32	172	201030	20.40	ng	0.00
78) Terphenyl-d14	13.10	244	98073	11.44	ng	0.02
Target Compounds						
51) Acenaphthene	10.05	154	19666	2.133	ng	# 78
70) Phenanthrene	11.55	178	136315	19.179	ng	# 84
74) Fluoranthene	12.75	202	206555	27.340	ng	92
77) Pyrene	12.98	202	197238	13.867	ng	# 93
80) Benzo(a)anthracene	14.16	228	157054	12.685	ng	97
82) Chrysene	14.20	228	126153	10.403	ng	96
85) Indeno(1,2,3-cd)pyrene	17.29	276	56579	4.503	ng	# 91
87) Benzo(b)fluoranthene	15.25	252	173522m	14.949	ng	
88) Benzo(k)fluoranthene	15.27	252	55466m	5.073	ng	
89) Benzo(a)pyrene	15.64	252	115500	10.738	ng	# 94
91) Benzo(g,h,i)perylene	17.77	276	51372	5.157	ng	96

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

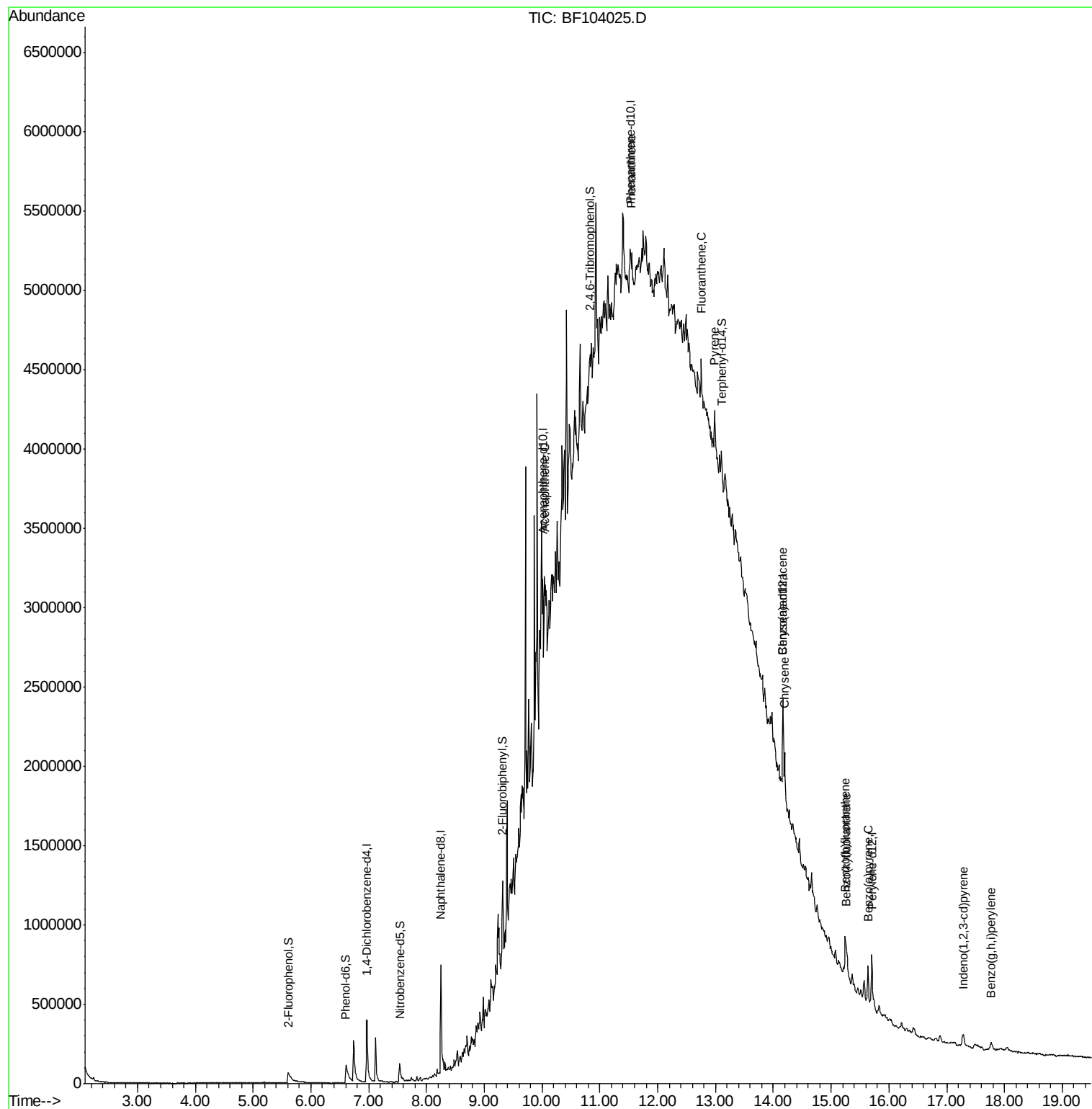
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104025.D
Acq On : 28 Mar 2018 22:02
Operator : JU/SJ
Sample : J2096-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
CS-T2

Manual Integrations
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Quant Time: Mar 29 06:04:51 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 13:41:47 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

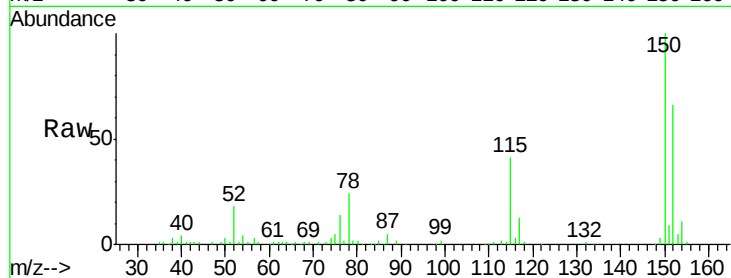
Instrument :
BNA_F
ClientSampled :
CS-T2

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	124.6	186.8
115	61.9	50.1	75.1

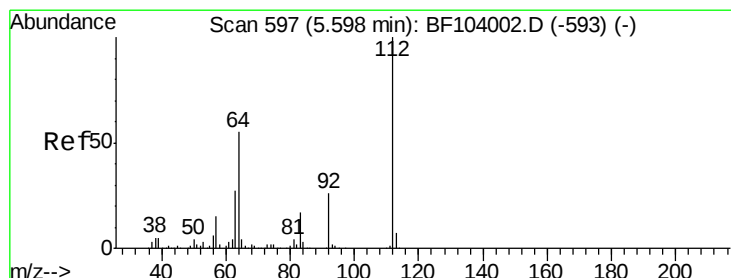
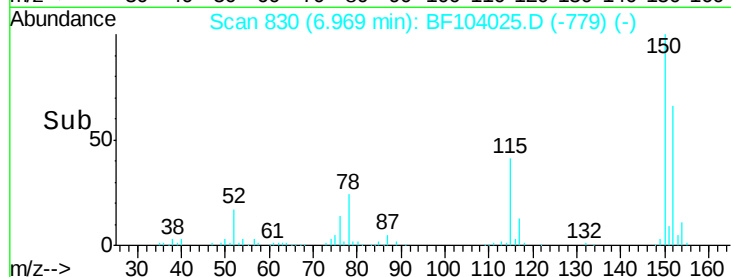
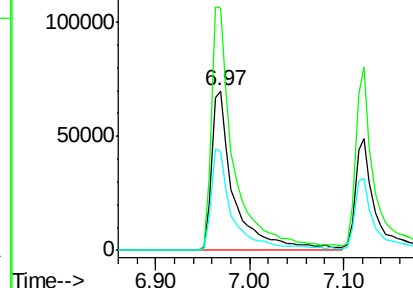
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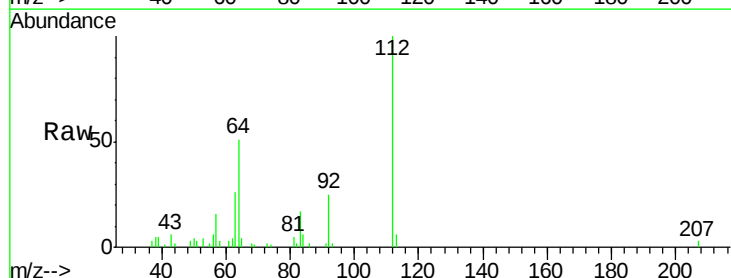
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



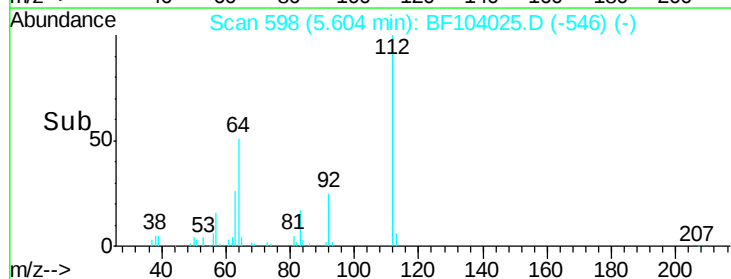
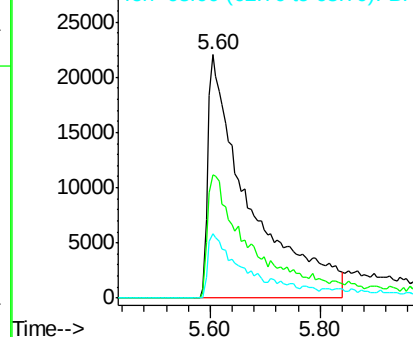
#5

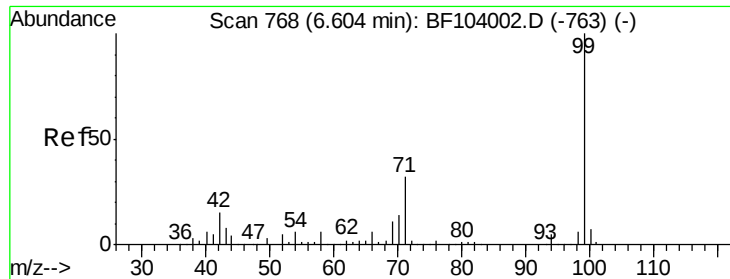
2-Fluorophenol
Concen: 15.776 ng m
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.5	47.9	71.9
63	26.5	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 17.867 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF104025.D

Acq: 28 Mar 2018 22:02

Instrument :

BNA_F

ClientSampled :

CS-T2

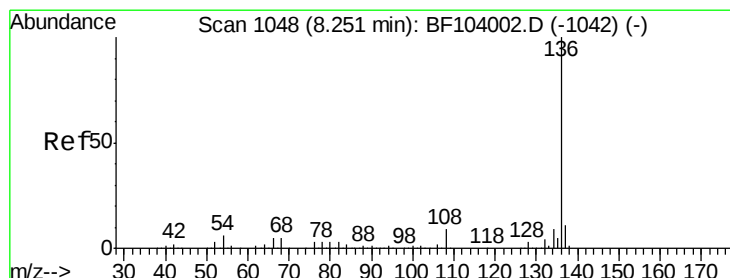
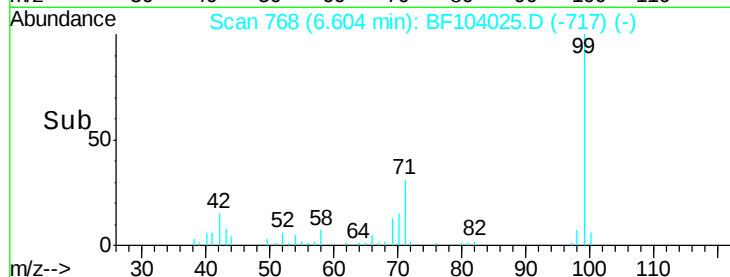
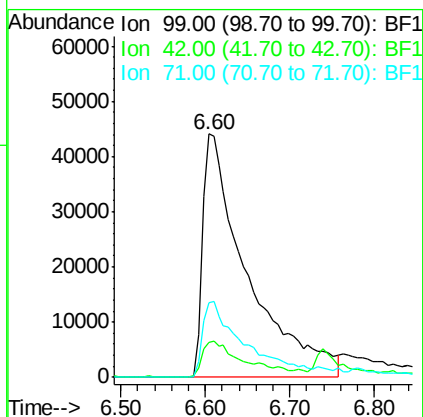
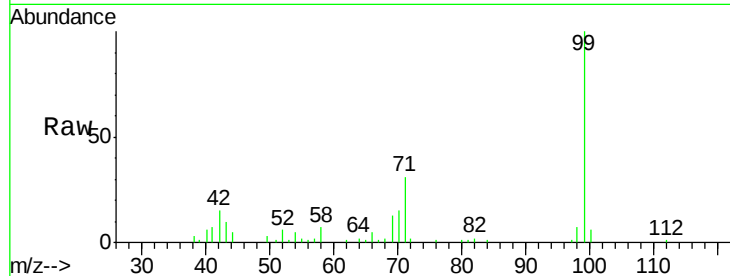
Tot Ion:	99	Resp:	161076
Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.5	21.7
71	30.8	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

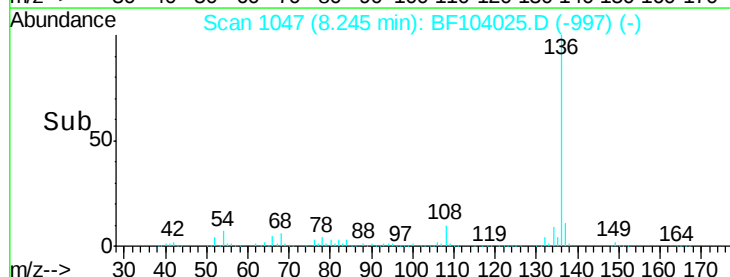
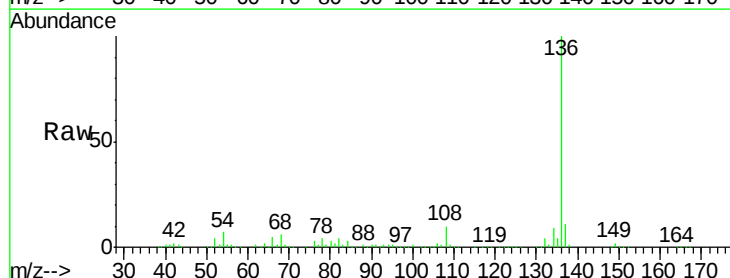
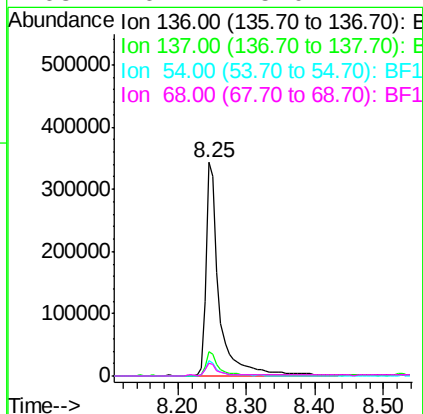
RT: 8.25 min Scan# 1047

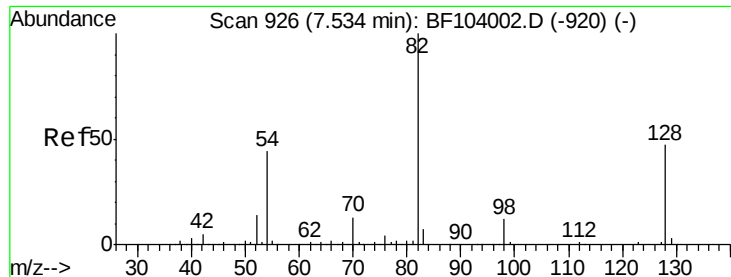
Delta R.T. -0.01 min

Lab File: BF104025.D

Acq: 28 Mar 2018 22:02

Tgt Ion:	136	Resp:	473657
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.1	6.6	9.8
68	6.2	5.0	7.4





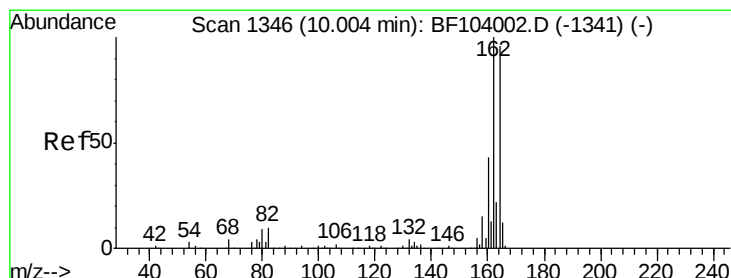
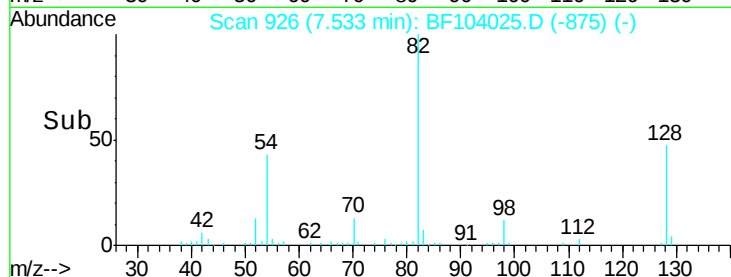
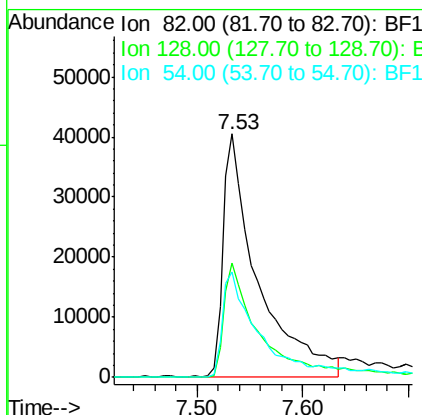
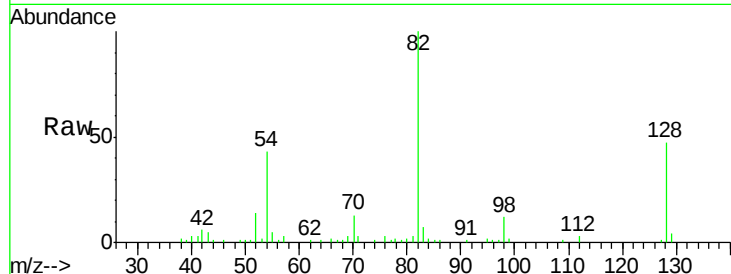
#23
Nitrobenzene-d5
Concen: 12.005 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Instrument :
BNA_F
ClientSampled :
CS-T2

Tot Ion	82	Resp	92981
Ion Ratio	100	Lower	Upper
128	47.1	36.1	54.1
54	43.4	41.4	62.2

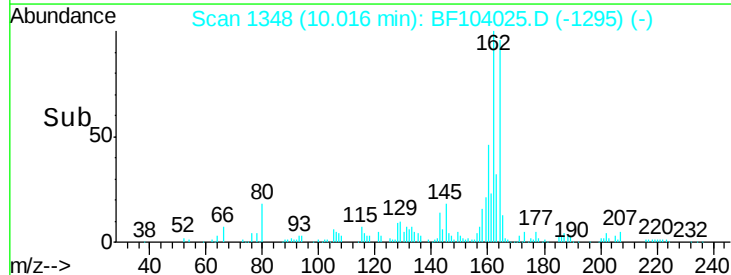
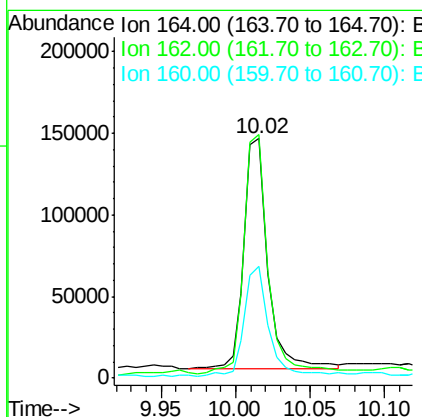
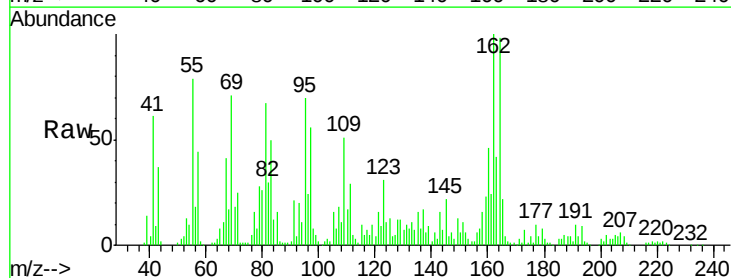
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Tgt Ion	164	Resp	155412
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	101.6	86.1	129.1
160	46.5	38.3	57.5





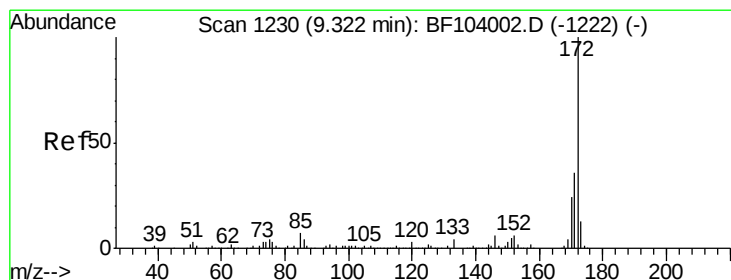
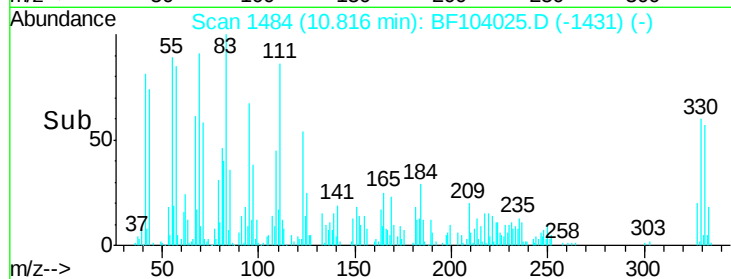
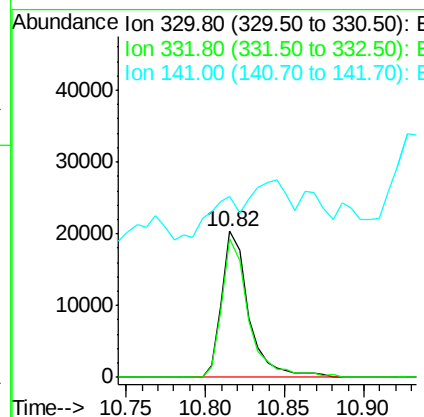
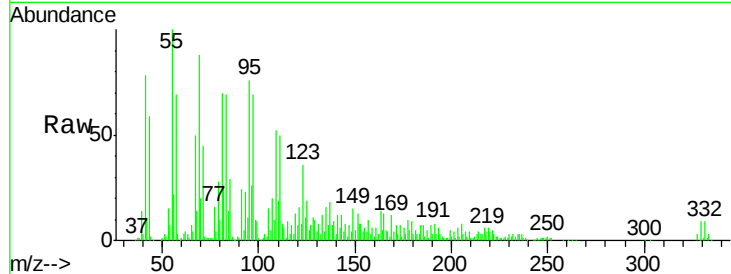
#41
 2,4,6-Tribromophenol
 Concen: 13.948 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.01 min
 Lab File: BF104025.D
 Acq: 28 Mar 2018 22:02

Instrument :
 BNA_F
 ClientSampled :
 CS-T2

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	29.1	29.9	44.9

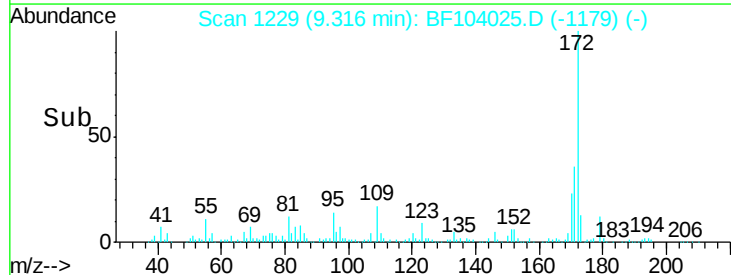
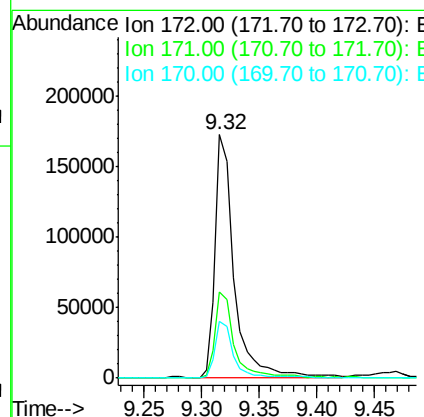
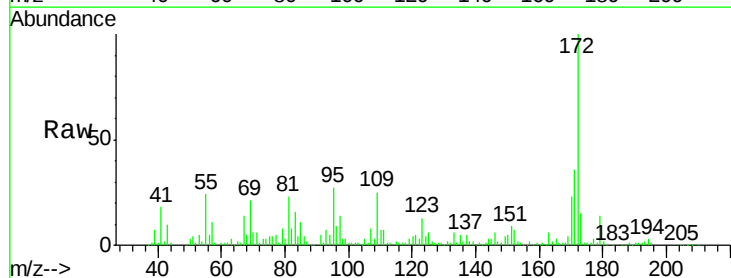
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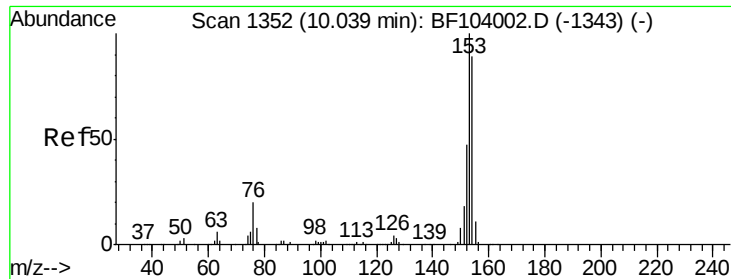
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#44
 2-Fluorobiphenyl
 Concen: 20.398 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104025.D
 Acq: 28 Mar 2018 22:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.4	19.6	29.4





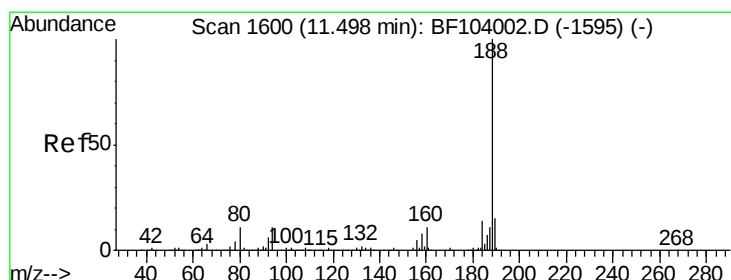
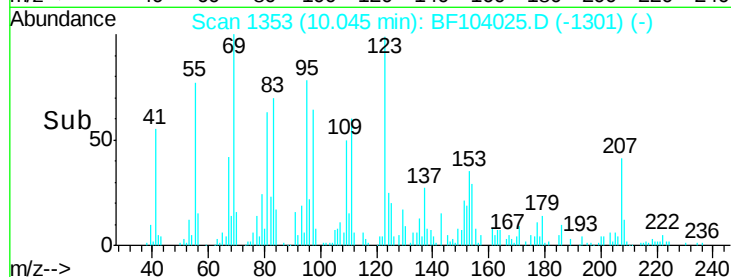
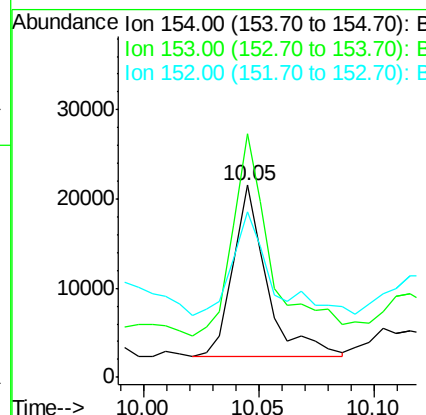
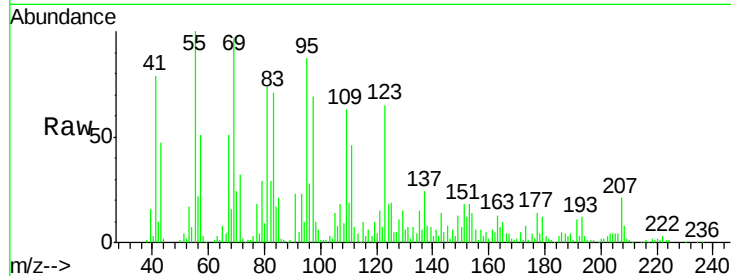
#51
Acenaphthene
Concen: 2.133 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Instrument :
BNA_F
ClientSampled :
CS-T2

Tot Ion	Ratio	Lower	Upper
154	100		
153	126.9	91.2	136.8
152	86.2	43.8	65.8

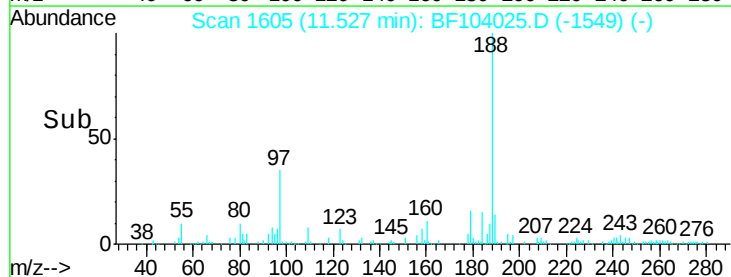
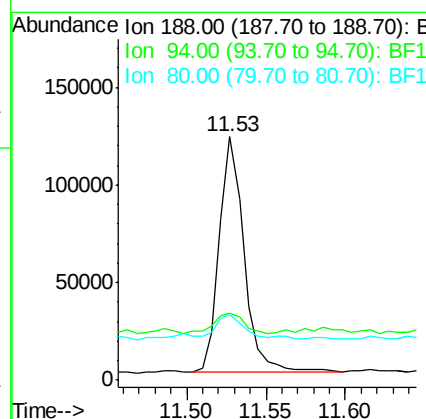
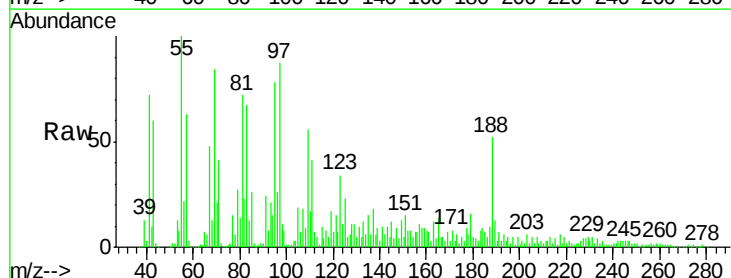
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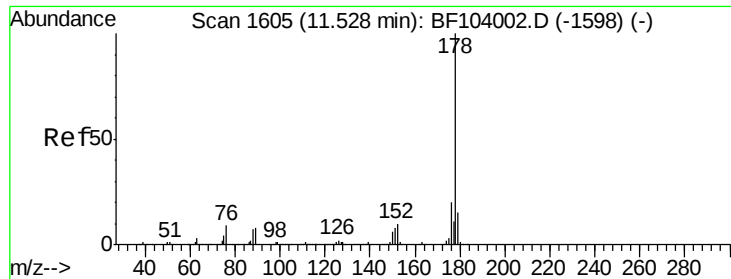
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.53 min Scan# 1605
Delta R.T. 0.03 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	27.7	8.5	12.7
80	27.1	9.2	13.8





#70

Phenanthrene

Concen: 19.179 ng

RT: 11.55 min Scan# 1609

Delta R.T. 0.02 min

Lab File: BF104025.D

Acq: 28 Mar 2018 22:02

Instrument :

BNA_F

ClientSampleId :

CS-T2

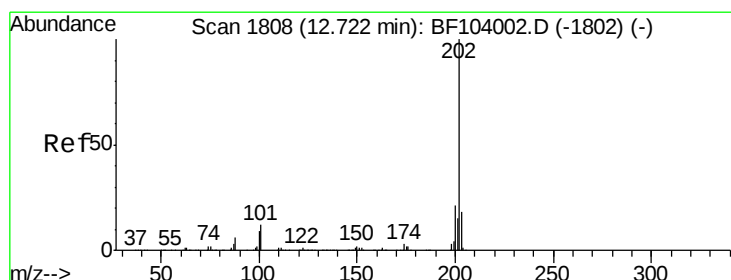
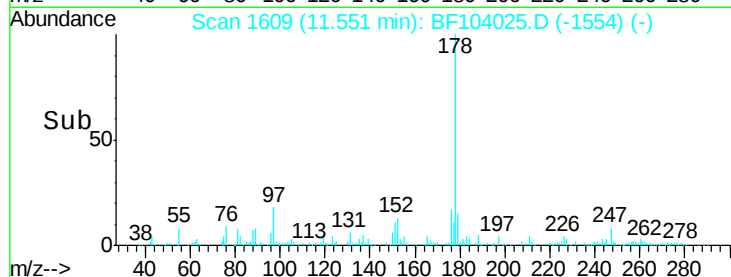
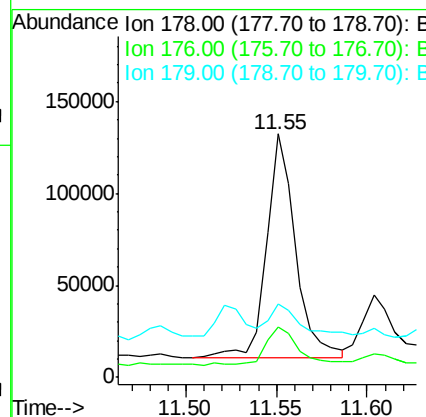
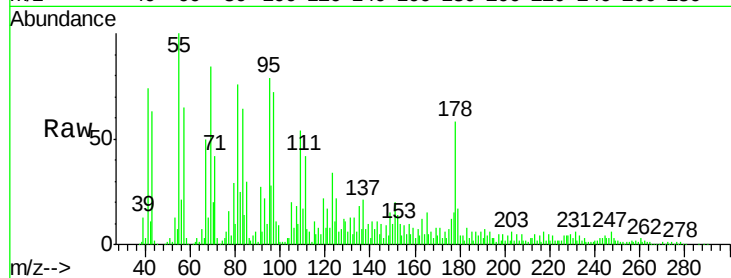
Tot Ion:	178	Resp:	136315
Ion Ratio	Lower	Upper	
178	100		
176	20.9	15.8	23.8
179	30.3	13.0	19.6

Manual Integrations
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#74

Fluoranthene

Concen: 27.340 ng

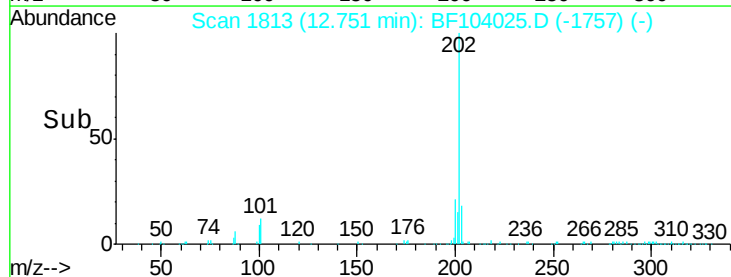
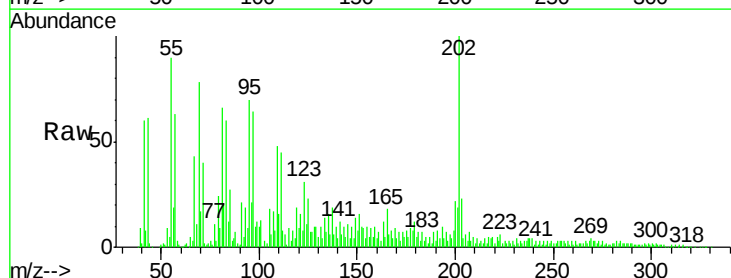
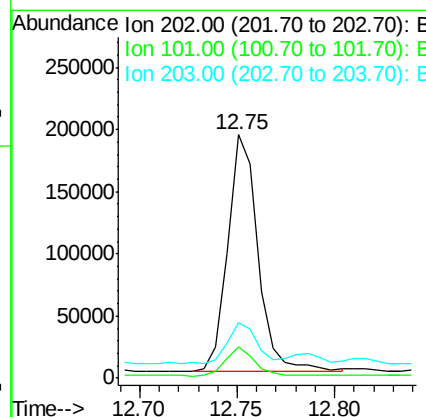
RT: 12.75 min Scan# 1813

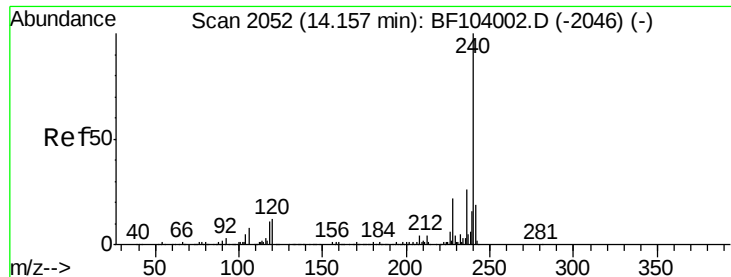
Delta R.T. 0.03 min

Lab File: BF104025.D

Acq: 28 Mar 2018 22:02

Tgt Ion:	202	Resp:	206555
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	34.1
203	23.0	0.0	38.1





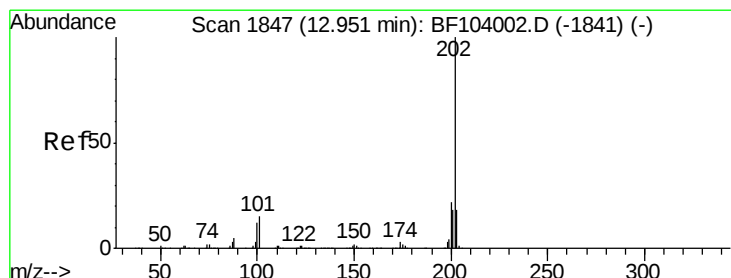
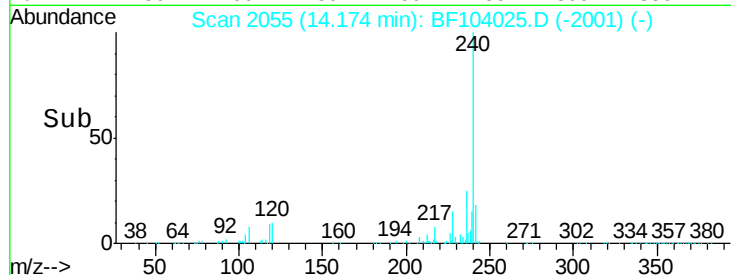
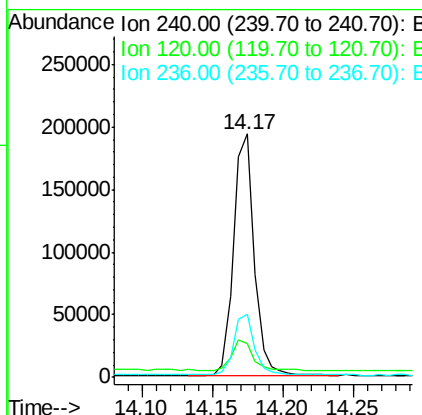
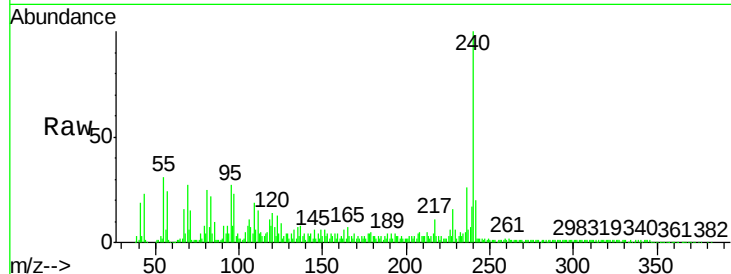
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2055
Delta R.T. 0.02 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Instrument :
BNA_F
ClientSampled :
CS-T2

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.5	14.3
236	26.0	20.7	31.1

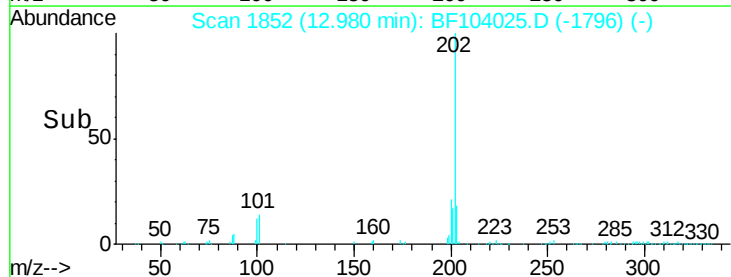
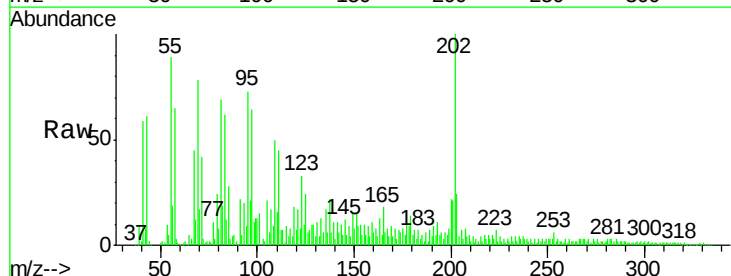
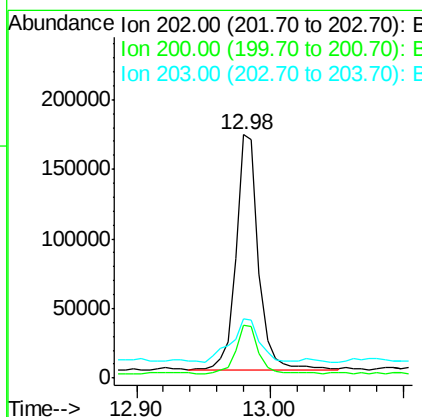
Manual Integrations
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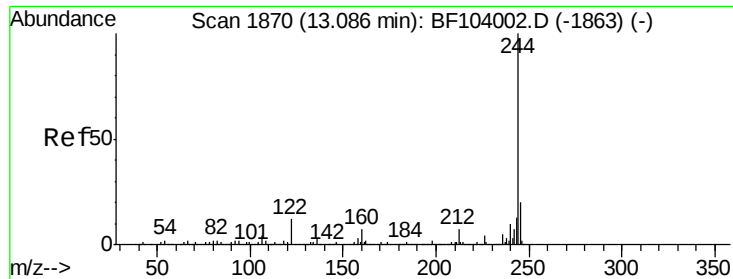
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#77
Pyrene
Concen: 13.867 ng
RT: 12.98 min Scan# 1852
Delta R.T. 0.03 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	24.2	14.3	21.5





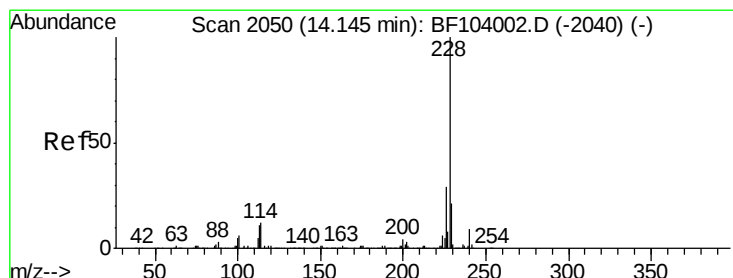
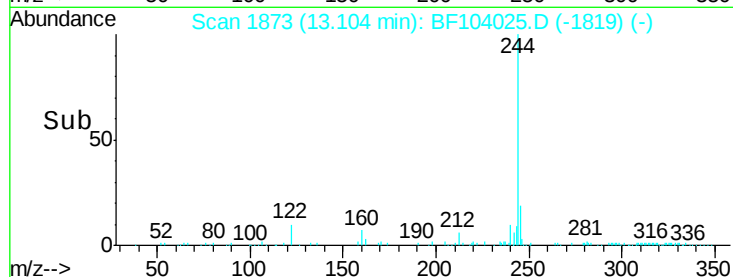
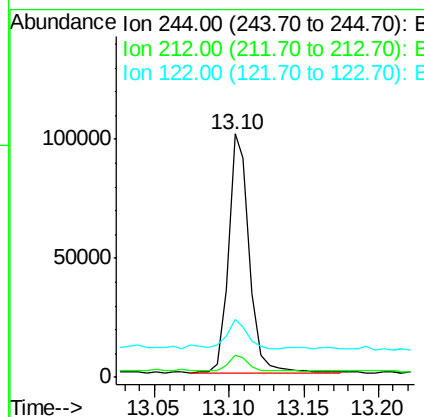
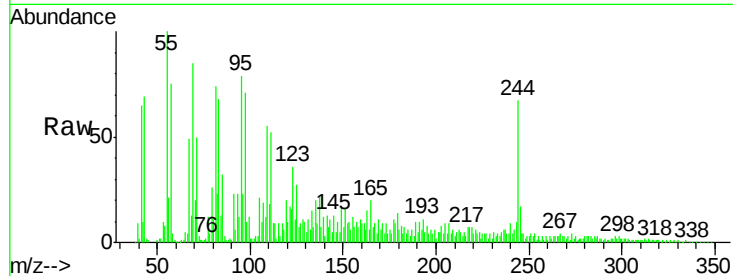
#78
 Terphenyl-d14
 Concen: 11.444 ng
 RT: 13.10 min Scan# 1873
 Delta R.T. 0.02 min
 Lab File: BF104025.D
 Acq: 28 Mar 2018 22:02

Instrument :
 BNA_F
 ClientSampled :
 CS-T2

Tot Ion:244 Resp: 98073
 Ion Ratio Lower Upper
 244 100
 212 8.9 5.4 8.0#
 122 24.0 11.0 16.4#

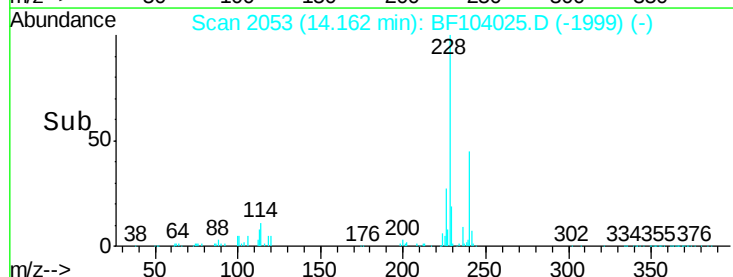
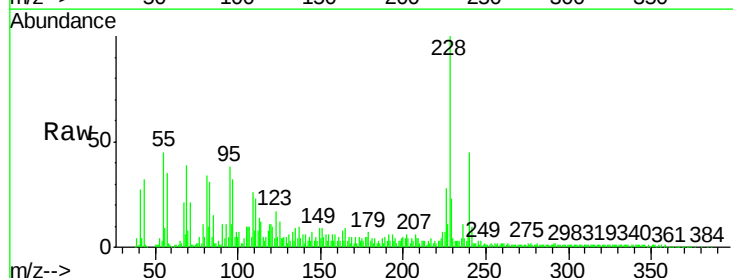
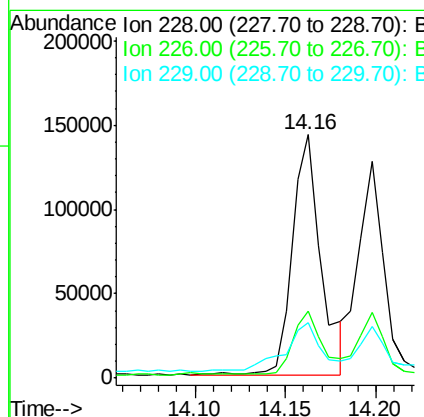
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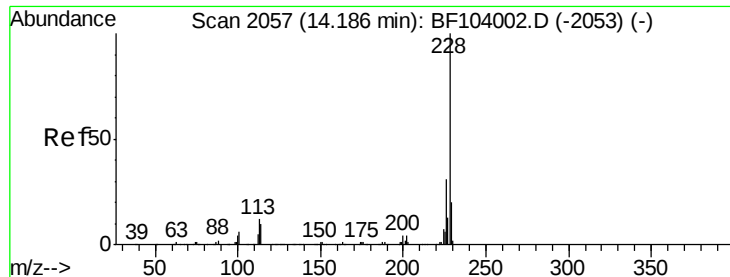
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#80
 Benzo(a)anthracene
 Concen: 12.685 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. 0.02 min
 Lab File: BF104025.D
 Acq: 28 Mar 2018 22:02

Tgt Ion:228 Resp: 157054
 Ion Ratio Lower Upper
 228 100
 226 27.7 22.6 33.8
 229 22.9 15.8 23.6





#82

Chrysene

Concen: 10.403 ng

RT: 14.20 min Scan# 2059

Delta R.T. 0.01 min

Lab File: BF104025.D

Acq: 28 Mar 2018 22:02

Instrument :

BNA_F

ClientSampled :

CS-T2

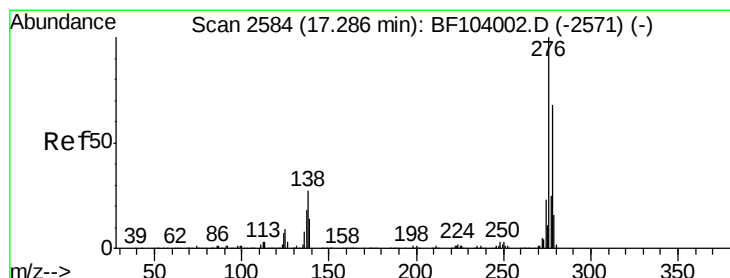
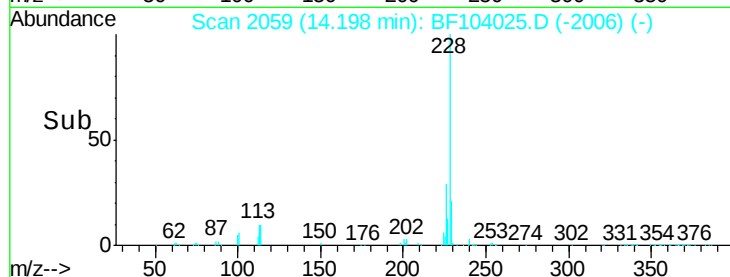
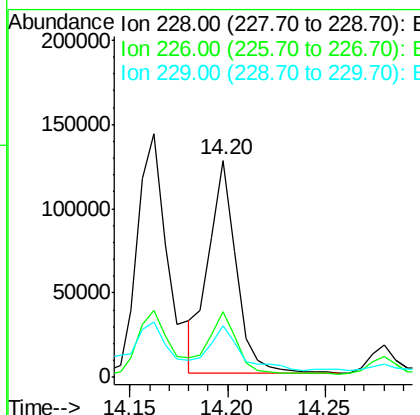
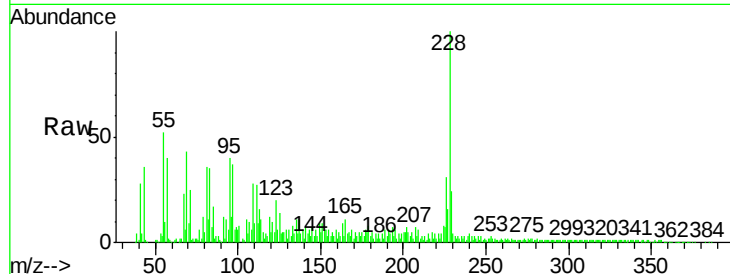
Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	30.5		25.0	37.6	
229	23.6		16.2	24.4	

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#85

Indeno(1,2,3-cd)pyrene

Concen: 4.503 ng

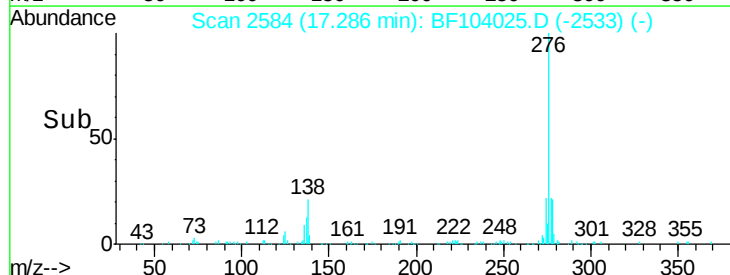
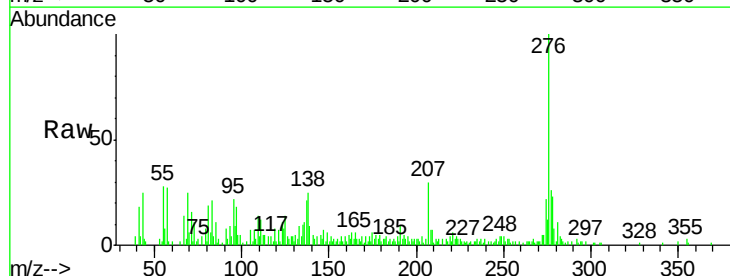
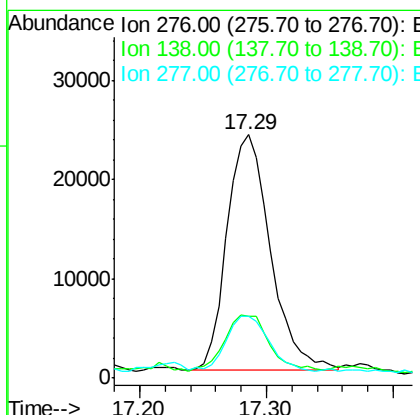
RT: 17.29 min Scan# 2584

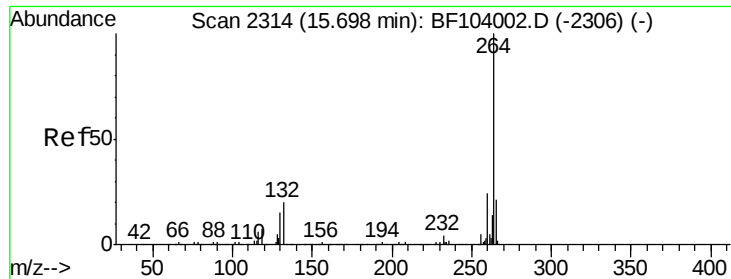
Delta R.T. -0.00 min

Lab File: BF104025.D

Acq: 28 Mar 2018 22:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
138	24.4		25.0	37.6	#
277	22.7		20.1	30.1	





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.70 min Scan# 2315

Delta R.T. 0.01 min

Lab File: BF104025.D

Acq: 28 Mar 2018 22:02

Instrument :

BNA_F

ClientSampleId :

CS-T2

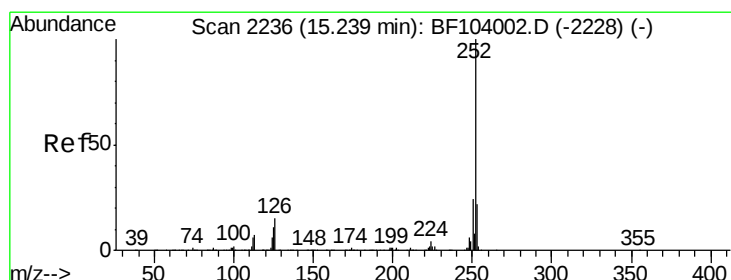
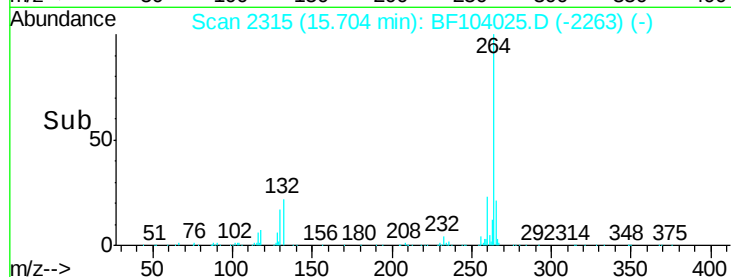
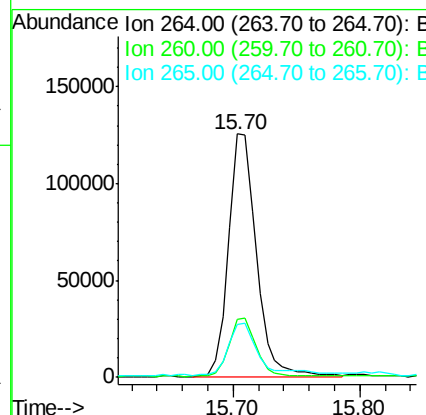
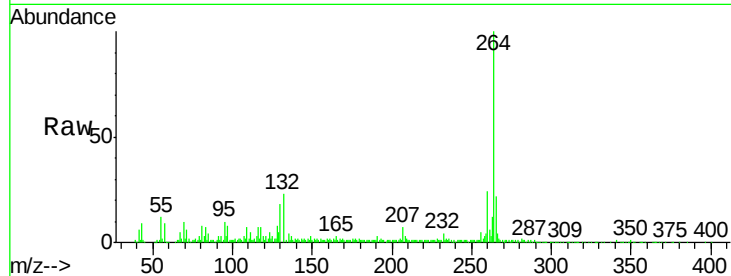
Tot Ion:	264	Resp:	190724
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.2	28.8
265	21.9	17.5	26.3

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#87

Benzo(b)fluoranthene

Concen: 14.949 ng m

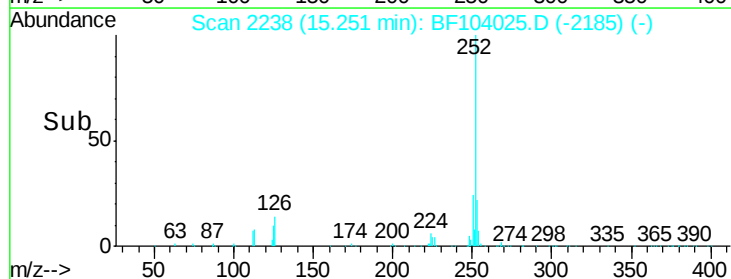
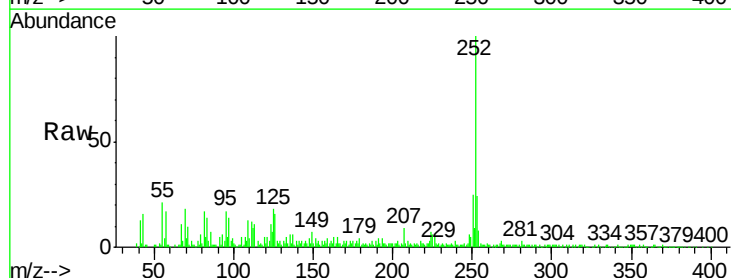
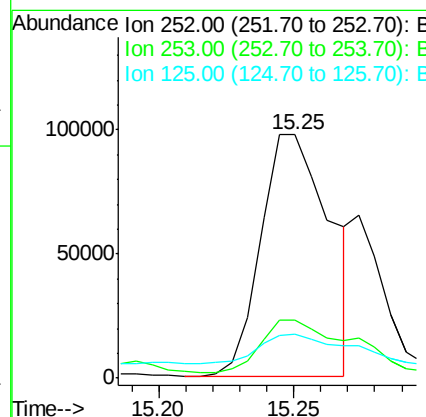
RT: 15.25 min Scan# 2238

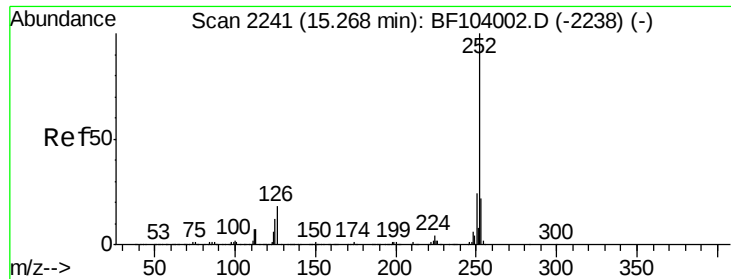
Delta R.T. 0.01 min

Lab File: BF104025.D

Acq: 28 Mar 2018 22:02

Tgt Ion:	252	Resp:	173522
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.0	25.6
125	18.2	9.0	13.6#





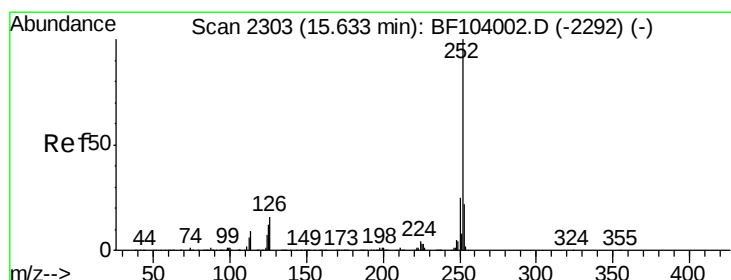
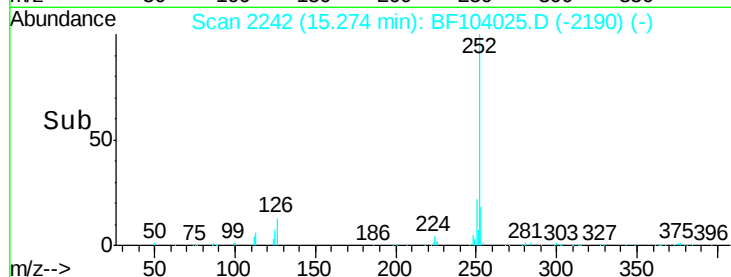
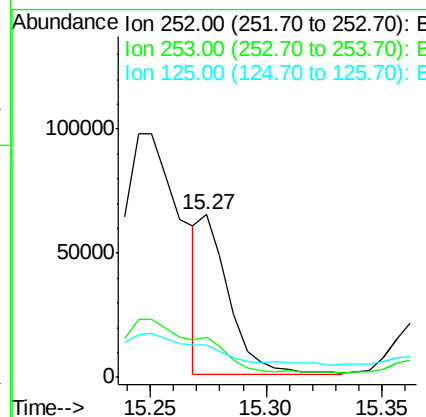
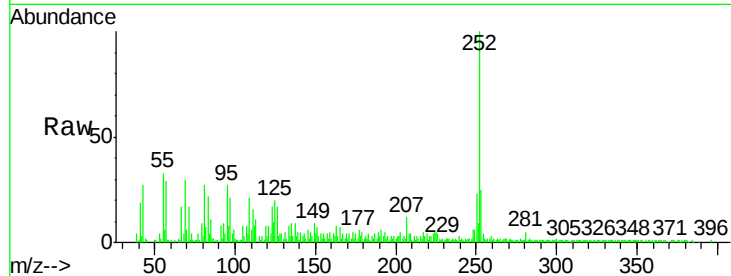
#88
Benzo(k)fluoranthene
Concen: 5.073 ng/mL
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Instrument :
BNA_F
ClientSampled :
CS-T2

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.9	26.9
125	19.7	10.2	15.2

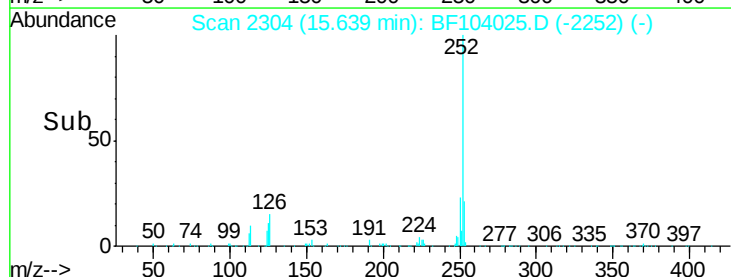
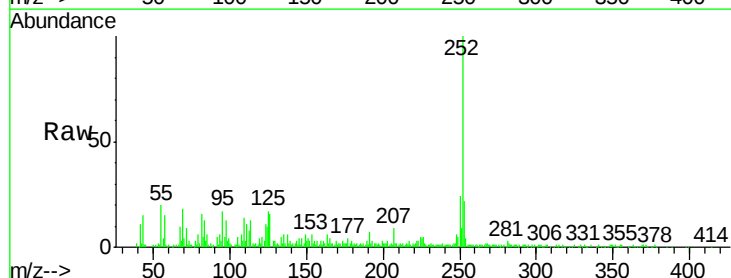
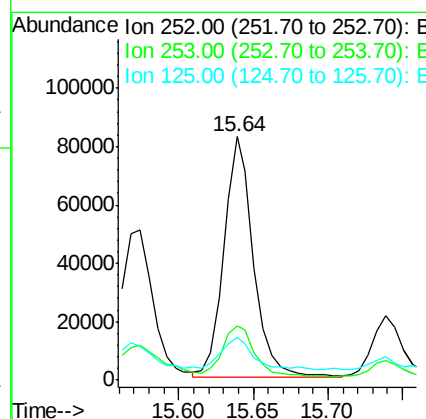
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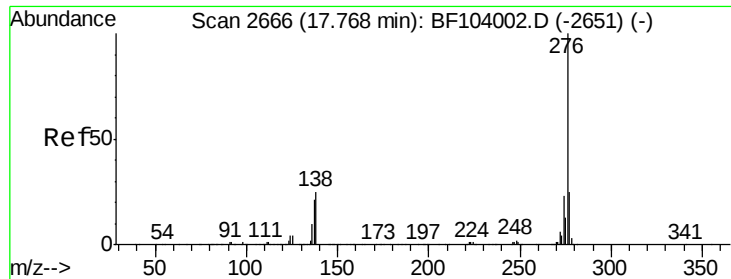
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#89
Benzo(a)pyrene
Concen: 10.738 ng/mL
RT: 15.64 min Scan# 2304
Delta R.T. 0.01 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	17.3	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 5.157 ng
 RT: 17.77 min Scan# 2666
 Delta R.T. -0.00 min
 Lab File: BF104025.D
 Acq: 28 Mar 2018 22:02

Instrument :
 BNA_F
 ClientSampleId :
 CS-T2

Tot Ion:	276	Resp:	51372
Ion Ratio	Lower	Upper	
276	100		
277	24.0	17.9	26.9
138	24.8	21.8	32.8

Manual Integrations
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