

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105086.D
 Acq On : 3 May 2018 21:25
 Operator : JU/SJ
 Sample : J2667-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 137-132-165

Manual Integrations
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Quant Time: May 04 09:51:52 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	106442	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	451012	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	212285	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	355283	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	211586	20.00	ng	-0.02
86) Perylene-d12	15.57	264	194154	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	759179	109.06	ng	0.00
7) Phenol-d6	6.43	99	920239	107.59	ng	0.00
23) Nitrobenzene-d5	7.35	82	560493	81.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	243287	110.48	ng	-0.02
44) 2-Fluorobiphenyl	9.14	172	1067150	79.41	ng	-0.02
78) Terphenyl-d14	12.90	244	884327	95.29	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.54	163	87740	5.241	ng	99
70) Phenanthrene	11.33	178	182099	9.204	ng	99
74) Fluoranthene	12.53	202	233740	11.307	ng	97
77) Pyrene	12.76	202	189770	12.100	ng	99
80) Benzo(a)anthracene	14.00	228	91785	7.261	ng	98
82) Chrysene	14.03	228	83485	6.430	ng	98
85) Indeno(1,2,3-cd)pyrene	17.05	276	43546	3.948	ng	# 91
87) Benzo(b)fluoranthene	15.13	252	102985m	8.398	ng	
88) Benzo(k)fluoranthene	15.16	252	42445m	3.666	ng	
89) Benzo(a)pyrene	15.50	252	79689	7.263	ng	97
91) Benzo(g,h,i)perylene	17.50	276	42833	4.906	ng	97

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

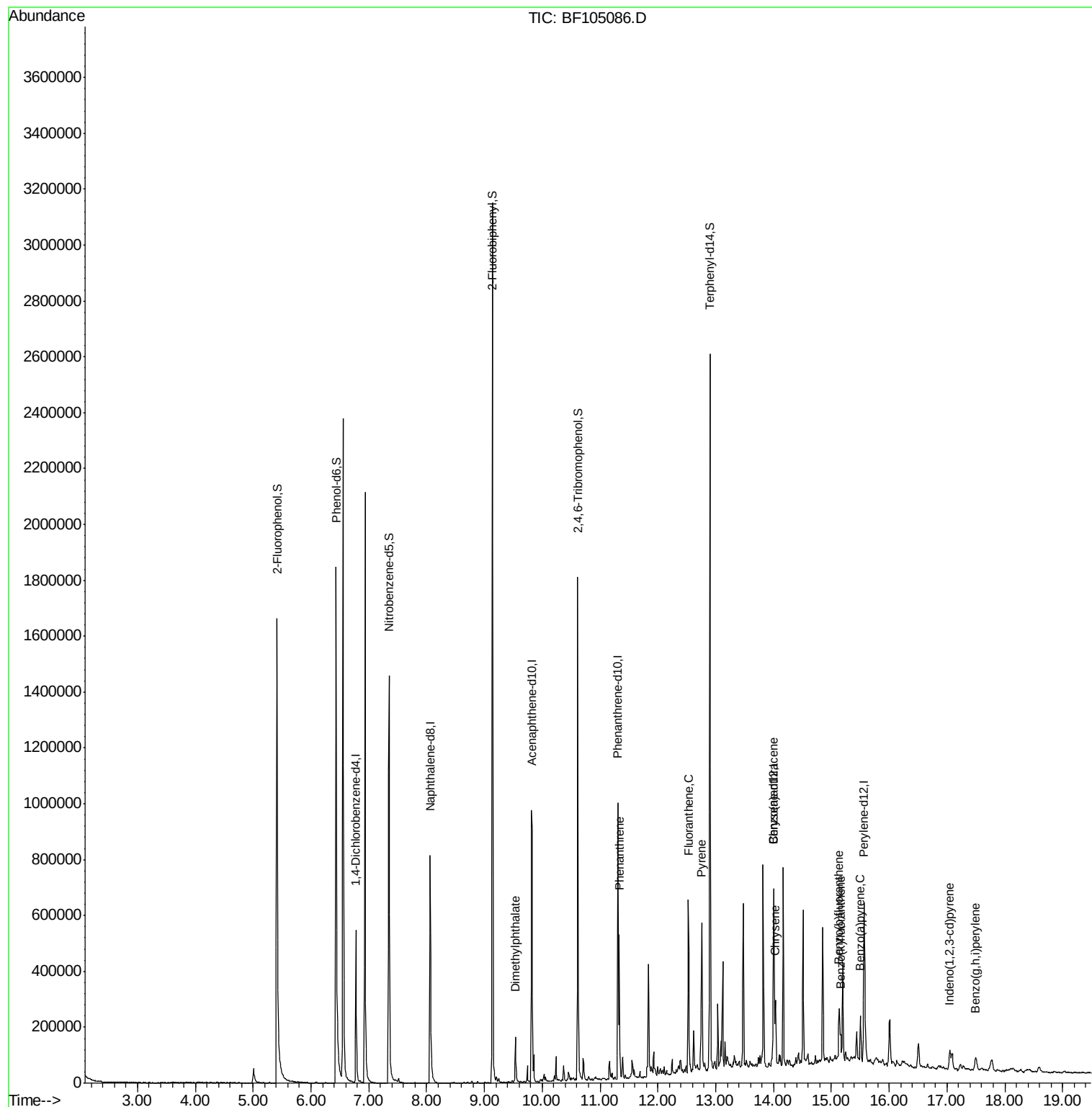
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

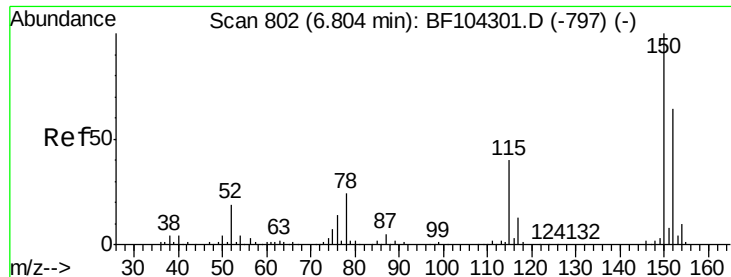
Instrument :
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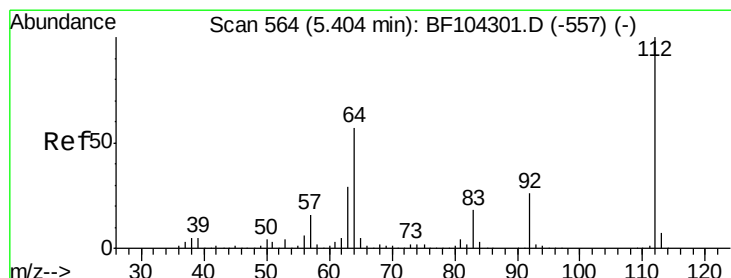
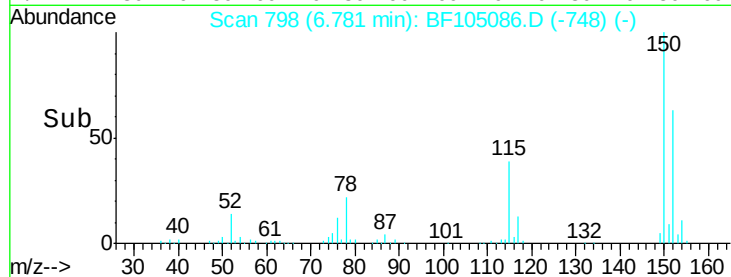
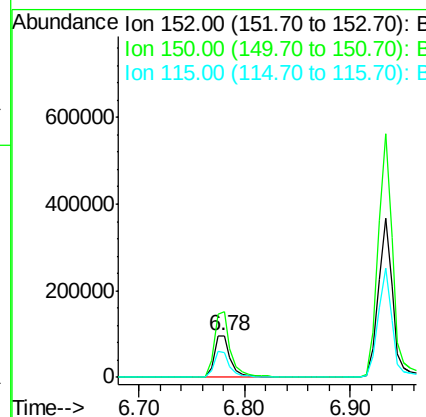
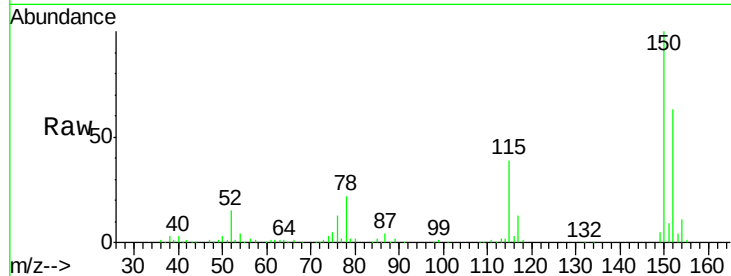
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF105086.D
 Acq: 3 May 2018 21:25

Instrument :
 BNA_F
 ClientSampleId :
 137-132-165

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	60.8	50.1	75.1

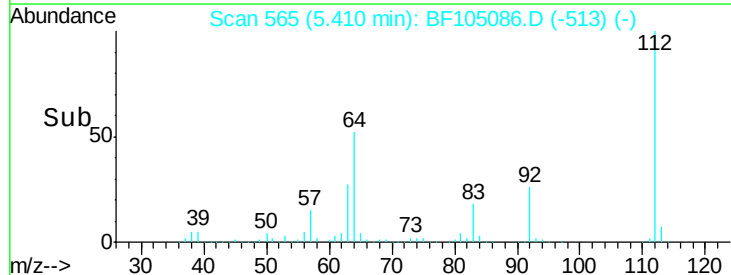
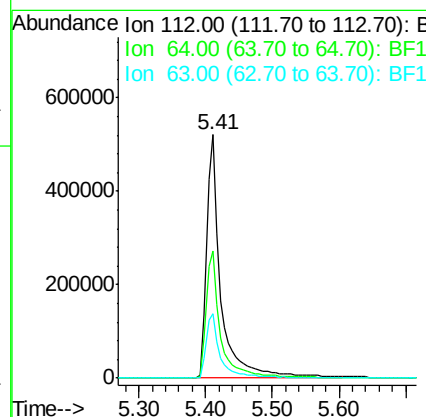
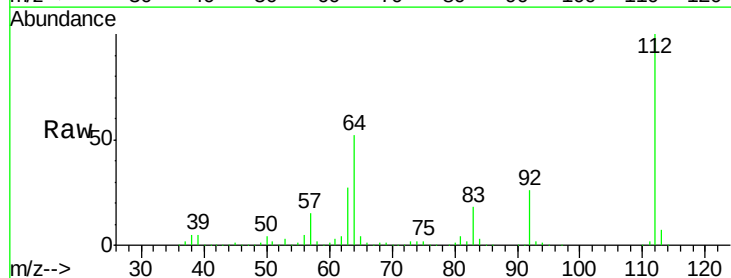
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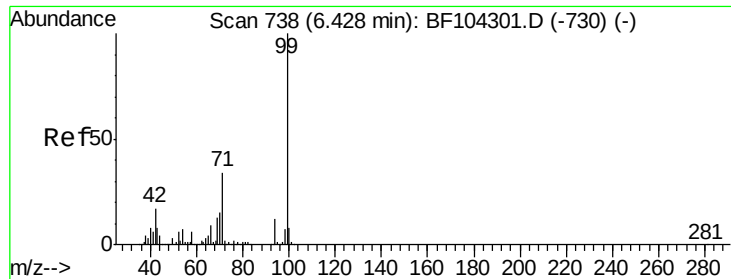
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#5
 2-Fluorophenol
 Concen: 109.057 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF105086.D
 Acq: 3 May 2018 21:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.0	47.9	71.9
63	26.7	23.7	35.5





#7

Phenol-d6

Concen: 107.590 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF105086.D

Acq: 3 May 2018 21:25

Instrument :

BNA_F

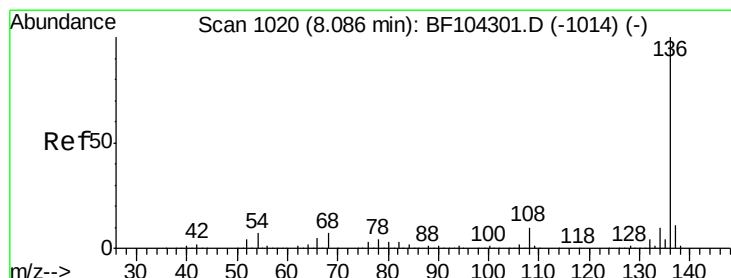
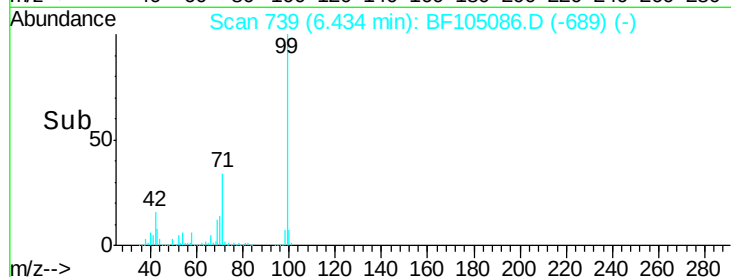
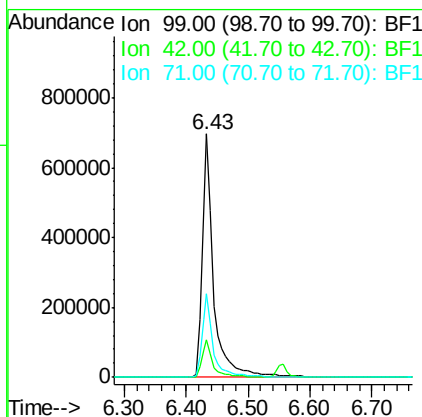
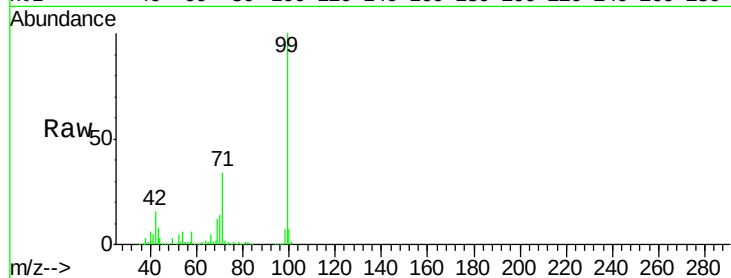
ClientSampleId :

137-132-165

Tot Ion:	99	Resp:	920239
Ion Ratio	Lower	Upper	
99	100		
42	15.5	14.5	21.7
71	34.5	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

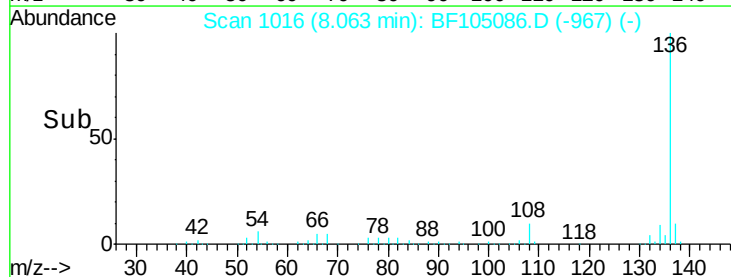
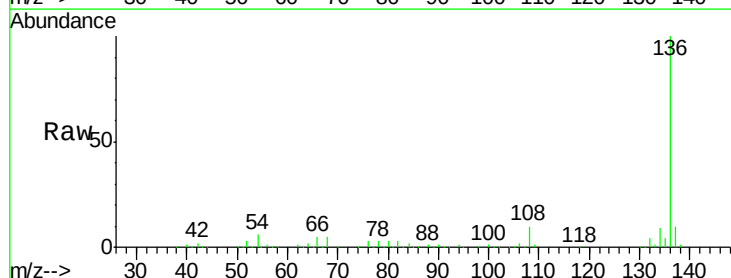
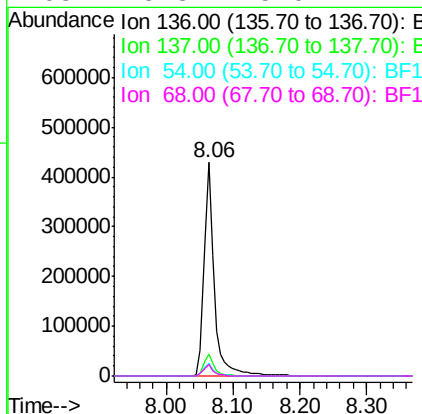
RT: 8.06 min Scan# 1016

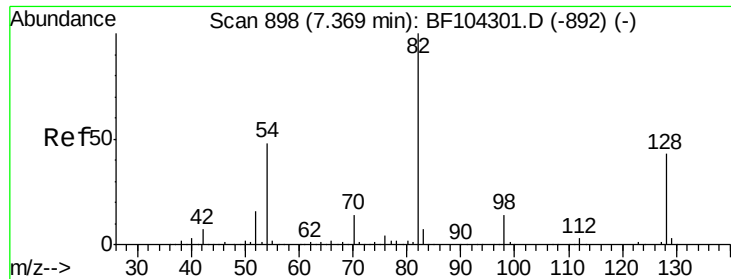
Delta R.T. -0.01 min

Lab File: BF105086.D

Acq: 3 May 2018 21:25

Tgt Ion:	136	Resp:	451012
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.9	13.3
54	6.1	6.6	9.8#
68	5.3	5.0	7.4





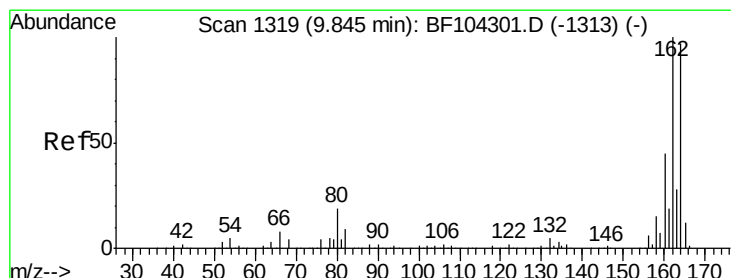
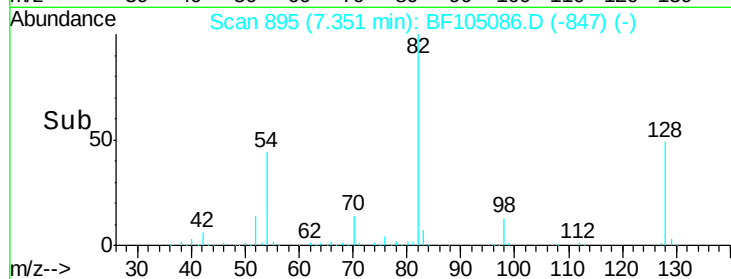
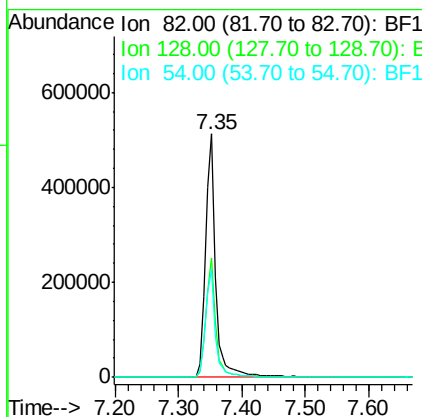
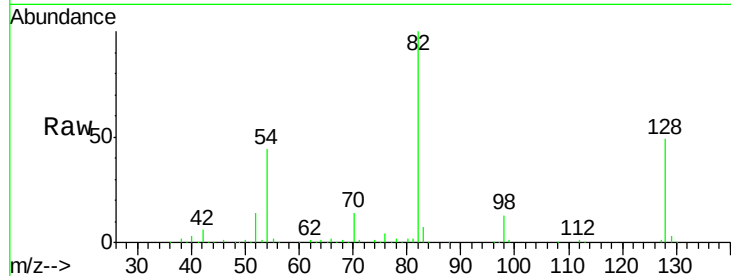
#23
 Nitrobenzene-d5
 Concen: 81.149 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.02 min
 Lab File: BF105086.D
 Acq: 3 May 2018 21:25

Instrument :
 BNA_F
 ClientSampleId :
 137-132-165

Tot Ion	Ratio	Resp	Lower	Upper
82	100	560493		
128	49.2		36.1	54.1
54	44.4		41.4	62.2

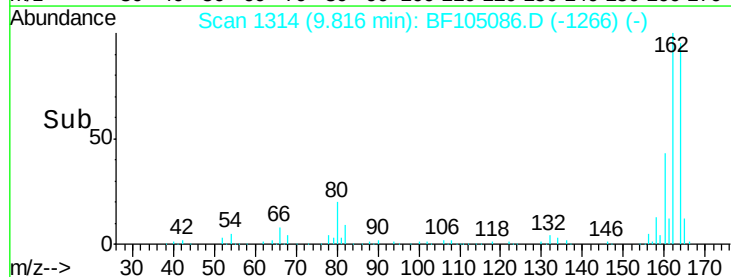
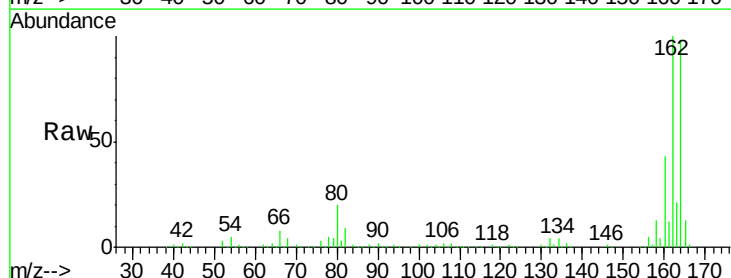
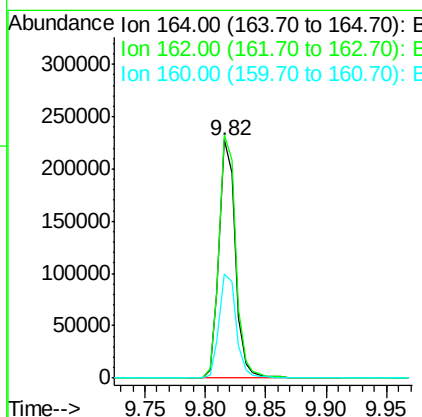
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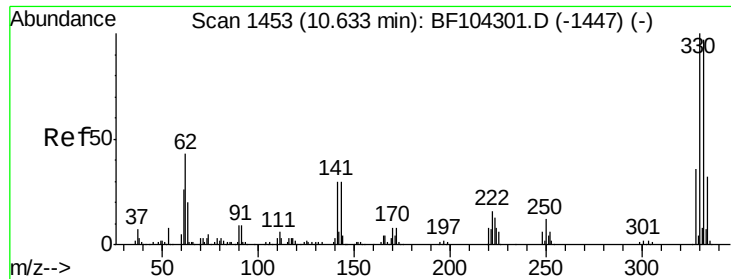
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: BF105086.D
 Acq: 3 May 2018 21:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	212285		
162	102.3		86.1	129.1
160	43.8		38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 110.480 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.02 min

Lab File: BF105086.D

Acq: 3 May 2018 21:25

Instrument :

BNA_F

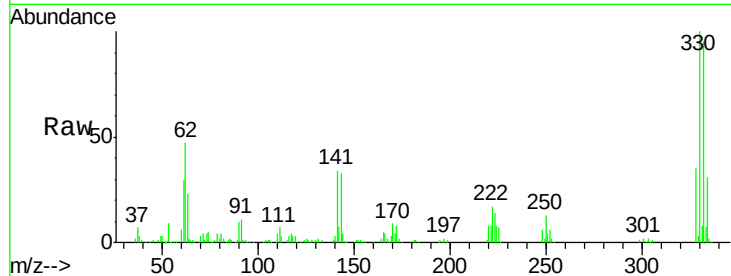
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137-132-165

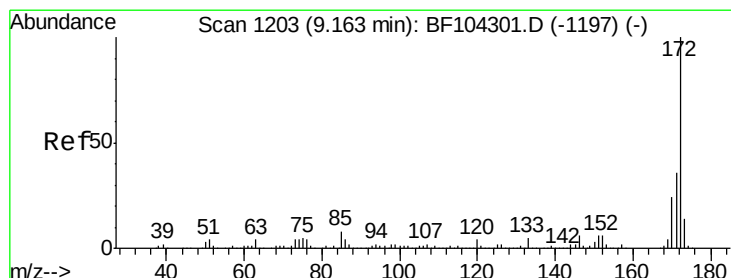
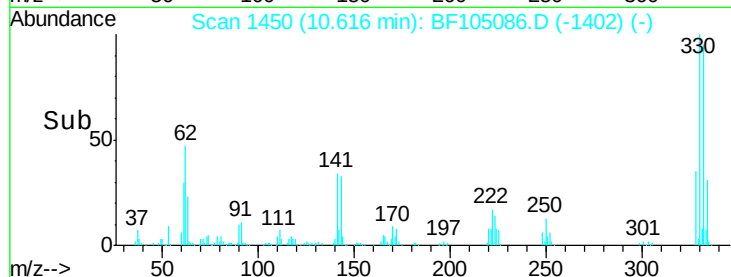
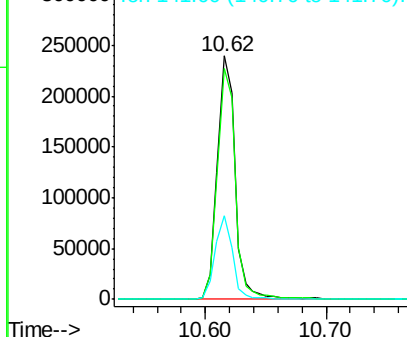
Tot Ion:	330	Resp:	243287
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.0	115.6
141	33.8	29.9	44.9

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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: 79.414 ng

RT: 9.14 min Scan# 1199

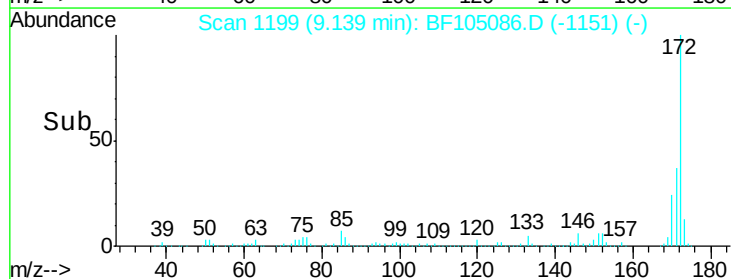
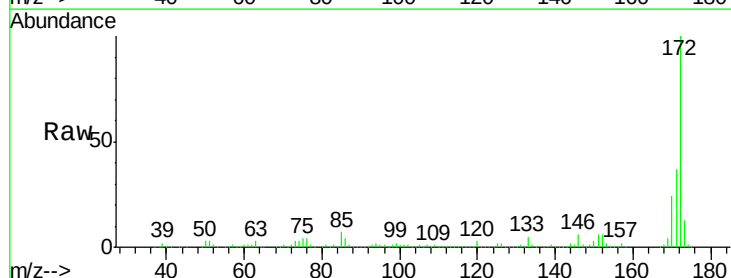
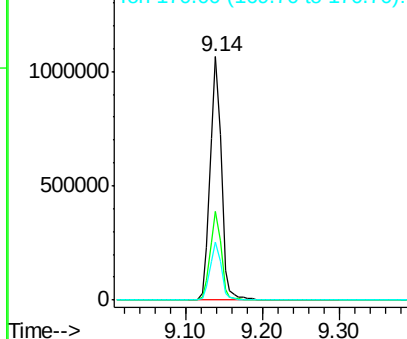
Delta R.T. -0.02 min

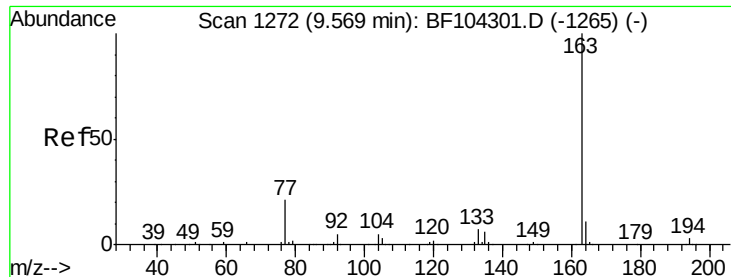
Lab File: BF105086.D

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Tgt Ion:	172	Resp:	1067150
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.7	44.5
170	24.1	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





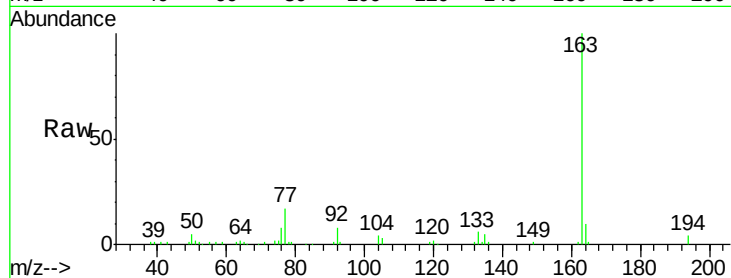
#49
Dimethylphthalate
Concen: 5.241 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF105086.D
Acq: 3 May 2018 21:25

Instrument :
BNA_F
ClientSampled :
137-132-165

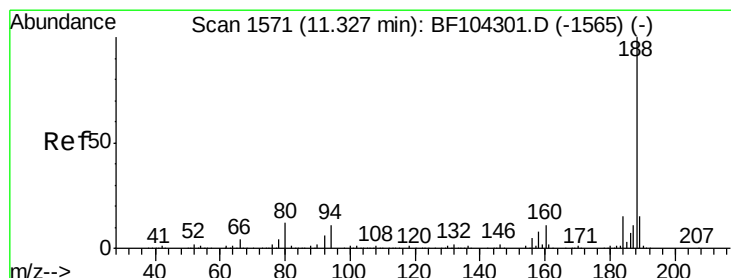
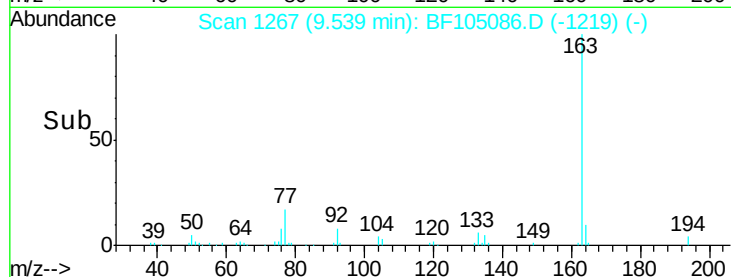
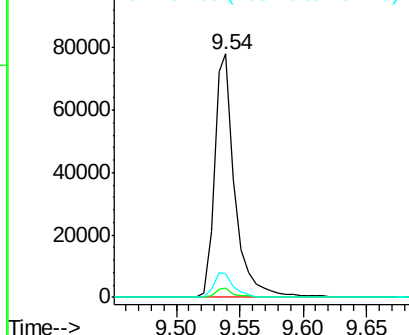
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	9.7	8.2	12.2

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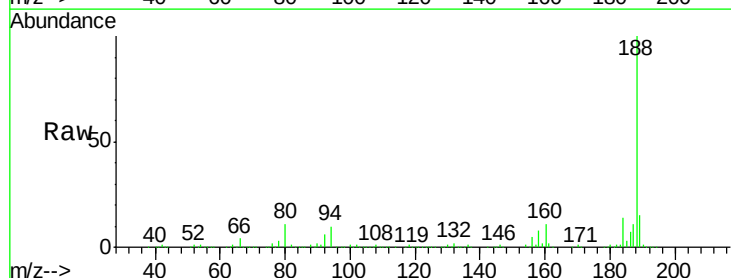


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

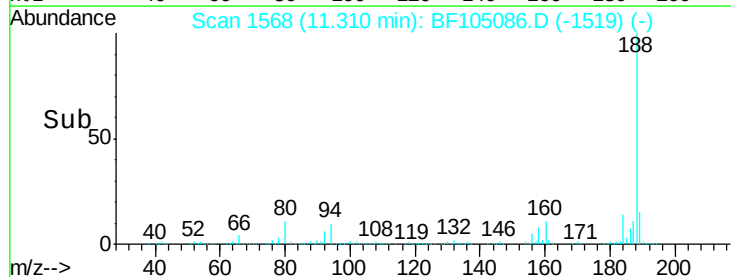
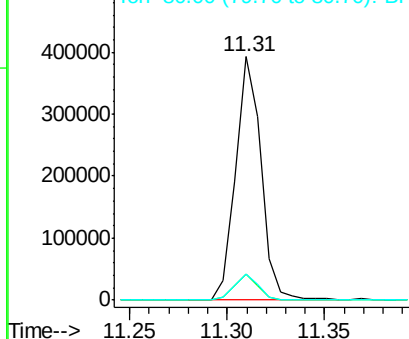


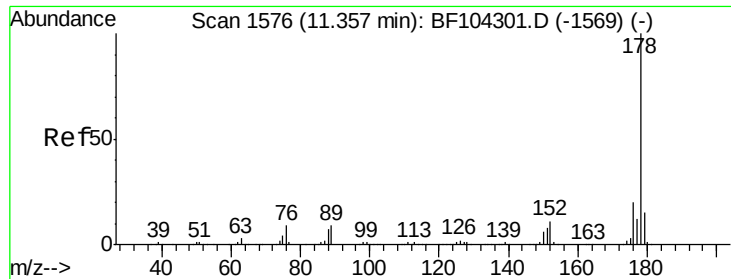
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105086.D
Acq: 3 May 2018 21:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	10.9	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





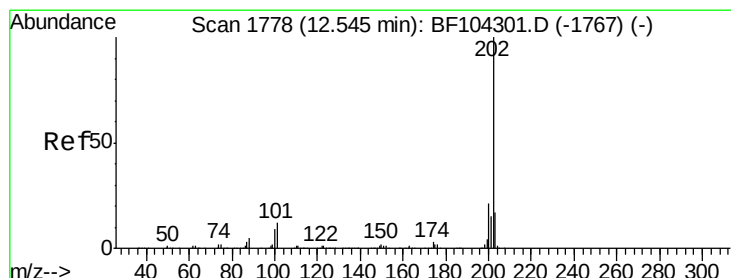
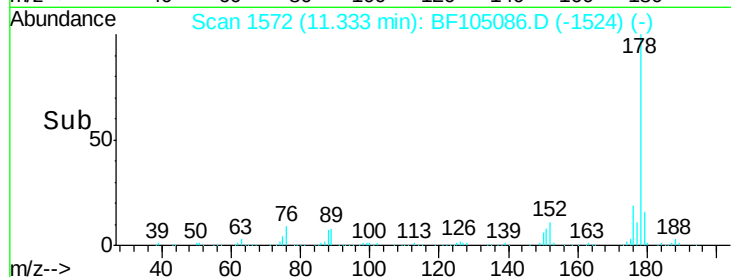
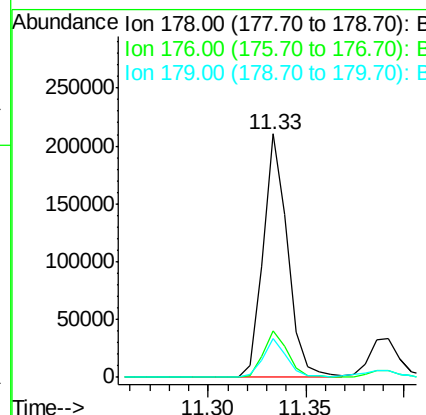
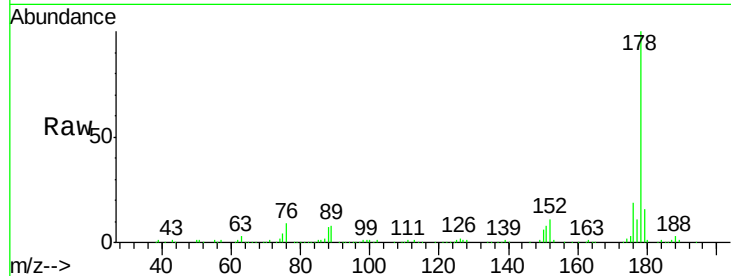
#70
Phenanthrene
Concen: 9.204 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF105086.D
Acq: 3 May 2018 21:25

Instrument :
BNA_F
ClientSampled :
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Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.9	13.0	19.6

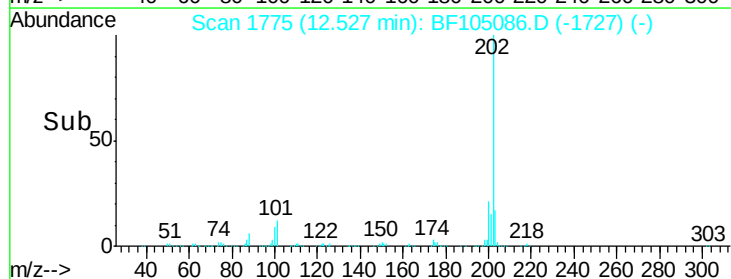
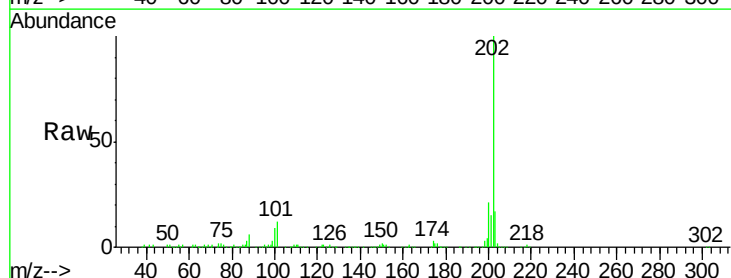
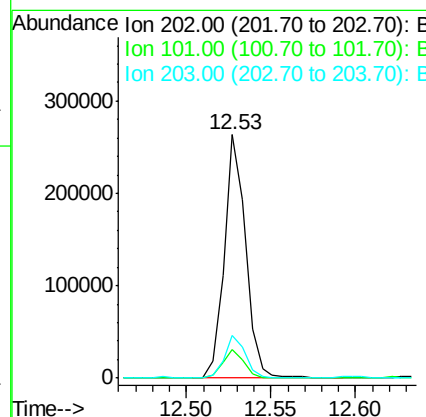
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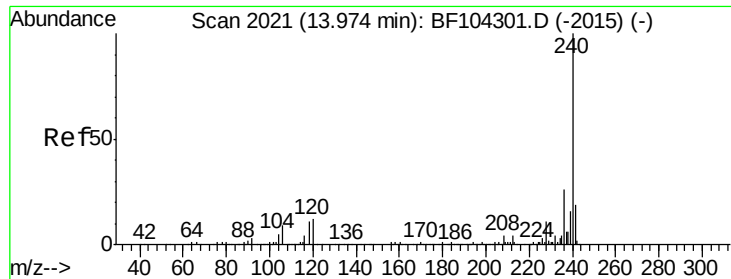
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#74
Fluoranthene
Concen: 11.307 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.02 min
Lab File: BF105086.D
Acq: 3 May 2018 21:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	34.1
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF105086.D

Acq: 3 May 2018 21:25

Instrument :

BNA_F

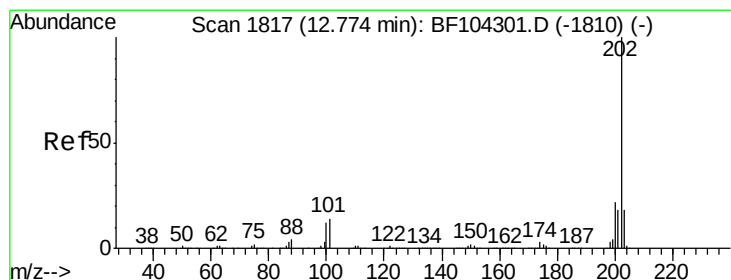
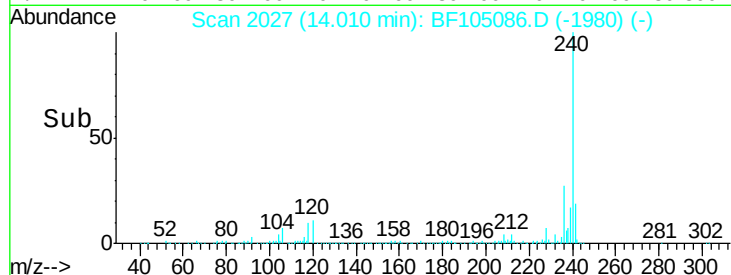
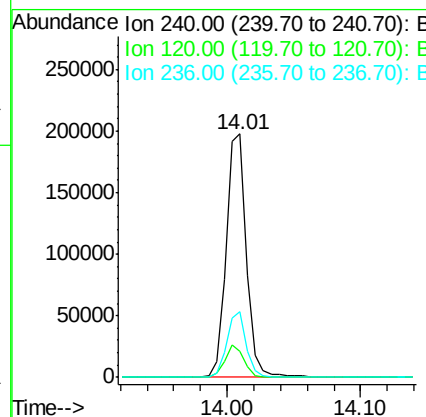
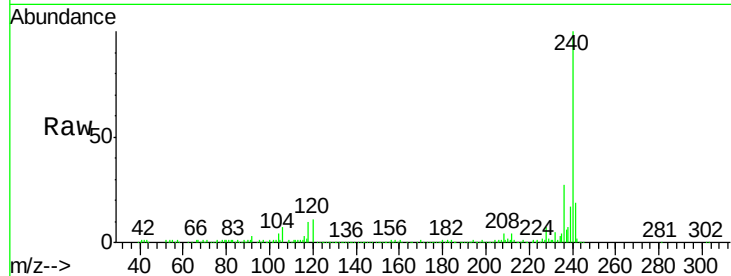
ClientSampled :

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Tot Ion:	240	Resp:	211586
Ion Ratio	Lower	Upper	
240	100		
120	10.9	9.5	14.3
236	27.0	20.7	31.1

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#77

Pyrene

Concen: 12.100 ng

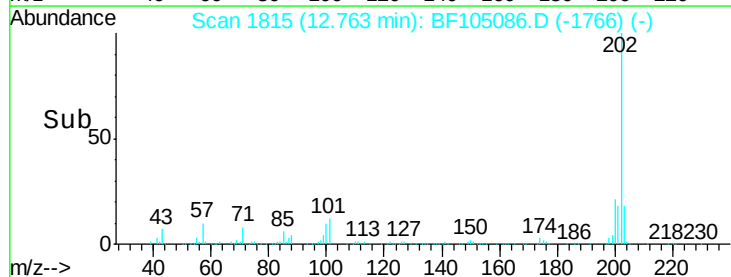
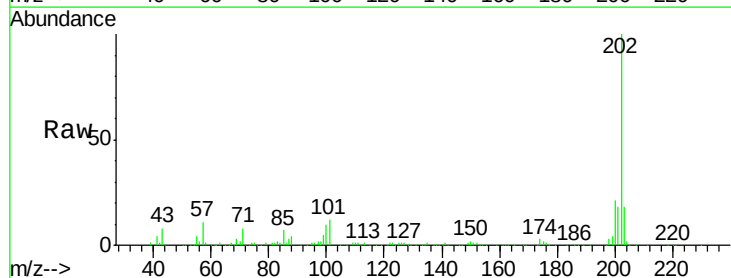
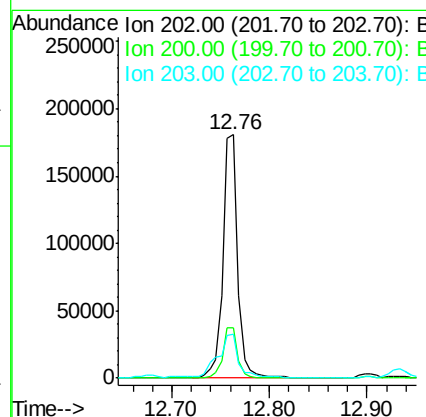
RT: 12.76 min Scan# 1815

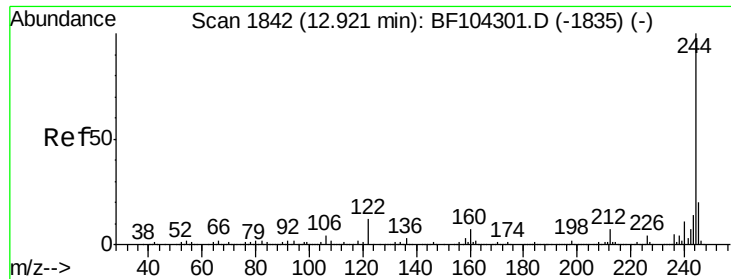
Delta R.T. -0.01 min

Lab File: BF105086.D

Acq: 3 May 2018 21:25

Tgt Ion:	202	Resp:	189770
Ion Ratio	Lower	Upper	
202	100		
200	20.5	17.4	26.2
203	17.9	14.3	21.5





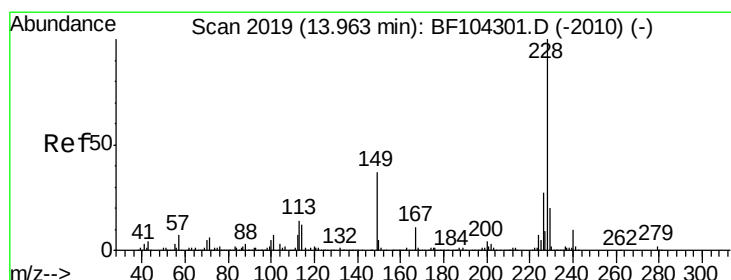
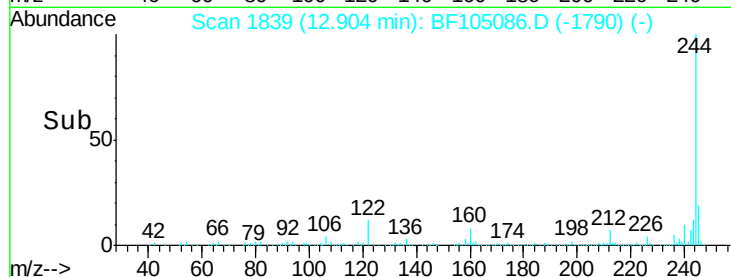
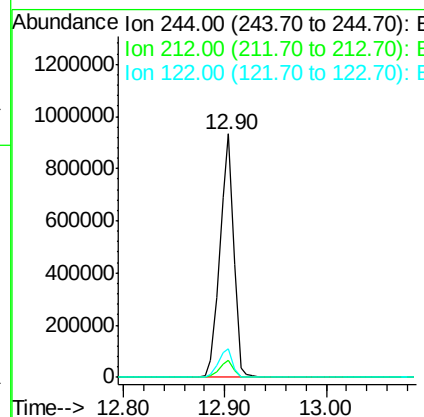
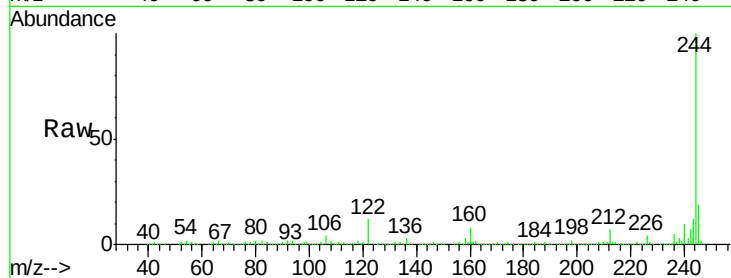
#78
 Terphenyl-d14
 Concen: 95.286 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF105086.D
 Acq: 3 May 2018 21:25

Instrument :
 BNA_F
 ClientSampleId :
 137-132-165

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.9	11.0	16.4

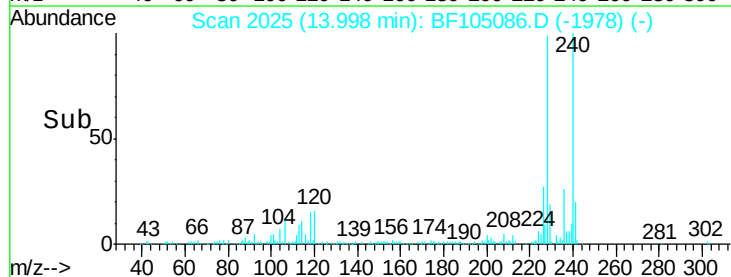
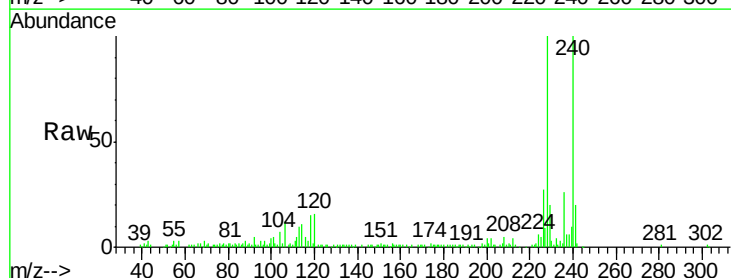
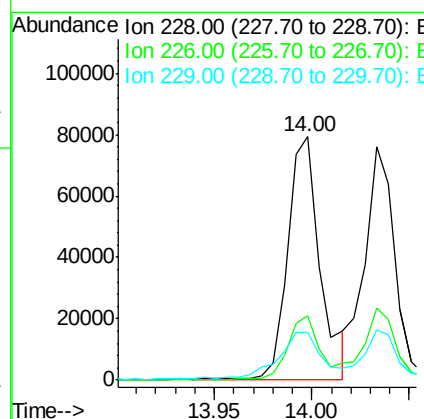
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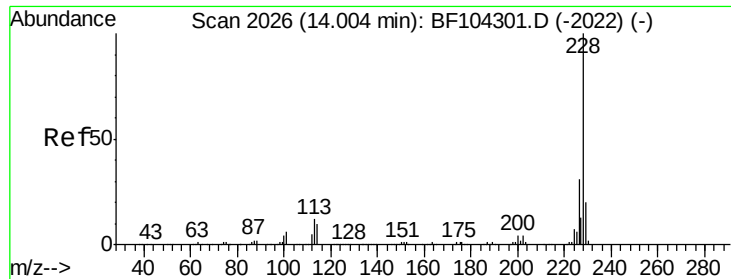
Sohil
 5/4/2018 1:46:49 PM



#80
 Benzo(a)anthracene
 Concen: 7.261 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.02 min
 Lab File: BF105086.D
 Acq: 3 May 2018 21:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.6	33.8
229	19.9	15.8	23.6





#82

Chrysene

Concen: 6.430 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.03 min

Lab File: BF105086.D

Acq: 3 May 2018 21:25

Instrument :

BNA_F

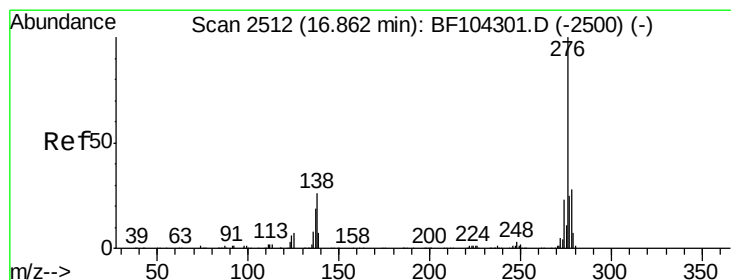
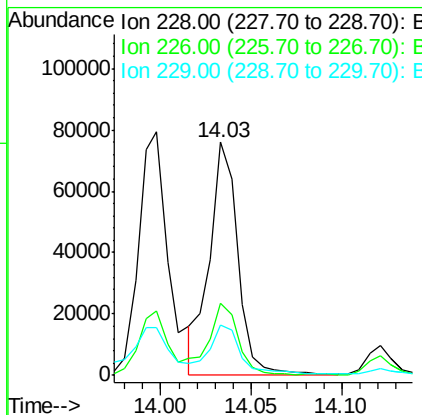
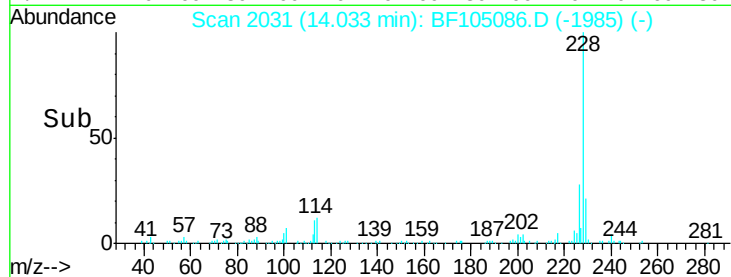
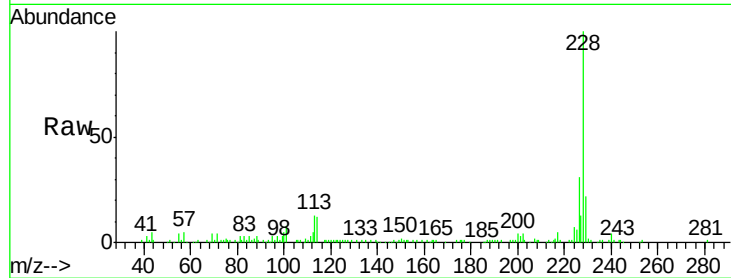
ClientSampled :

137-132-165

Tot Ion:	228	Resp:	83485
Ion Ratio	Lower	Upper	
228	100		
226	30.8	25.0	37.6
229	21.6	16.2	24.4

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#85

Indeno(1,2,3-cd)pyrene

Concen: 3.948 ng

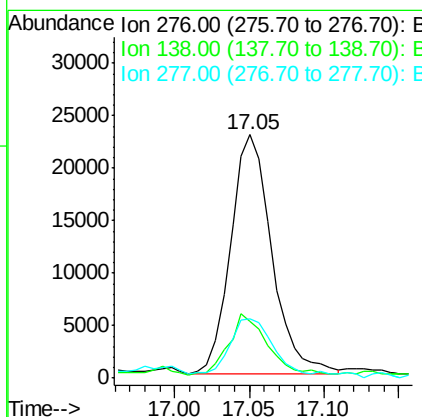
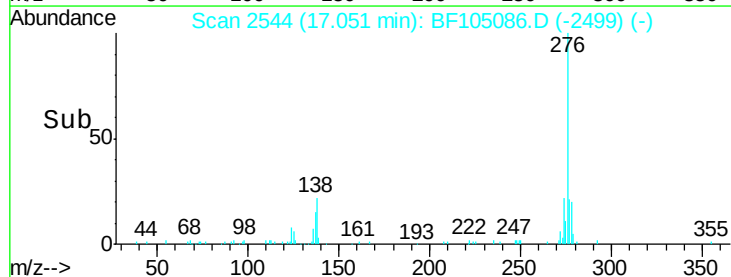
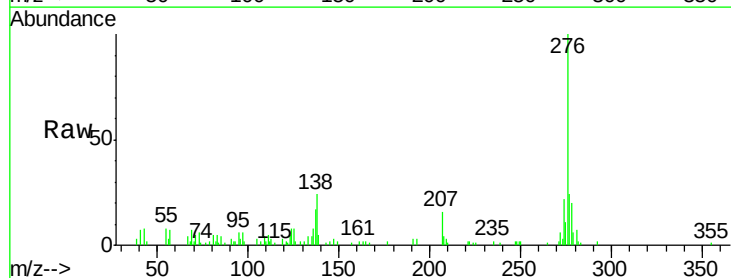
RT: 17.05 min Scan# 2544

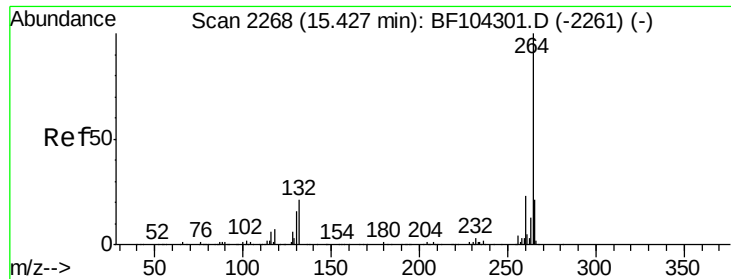
Delta R.T. -0.04 min

Lab File: BF105086.D

Acq: 3 May 2018 21:25

Tgt Ion:	276	Resp:	43546
Ion Ratio	Lower	Upper	
276	100		
138	23.9	25.0	37.6#
277	23.3	20.1	30.1





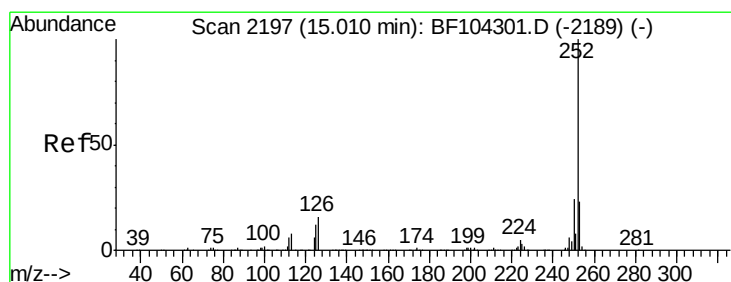
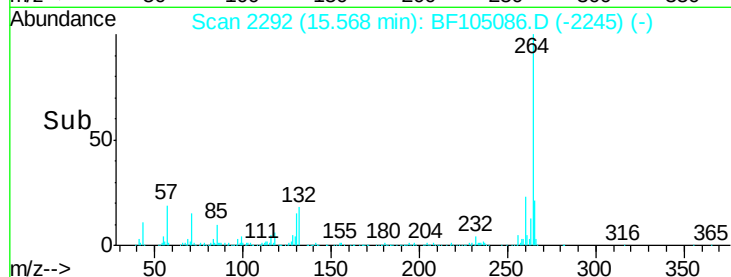
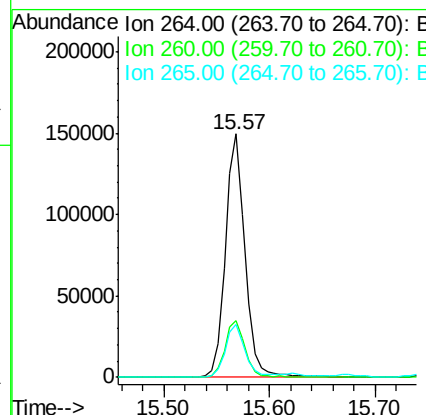
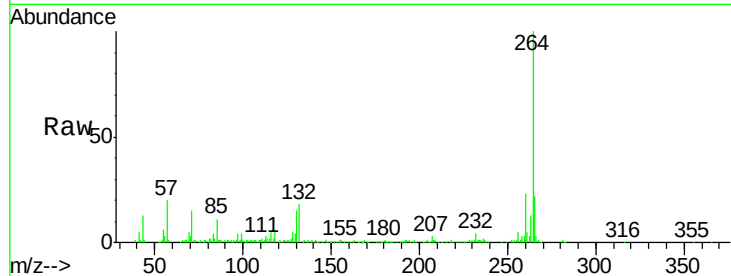
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.02 min
Lab File: BF105086.D
Acq: 3 May 2018 21:25

Instrument :
BNA_F
ClientSampleId :
137-132-165

Tot Ion:	264	Resp:	194154
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.2	28.8
265	21.7	17.5	26.3

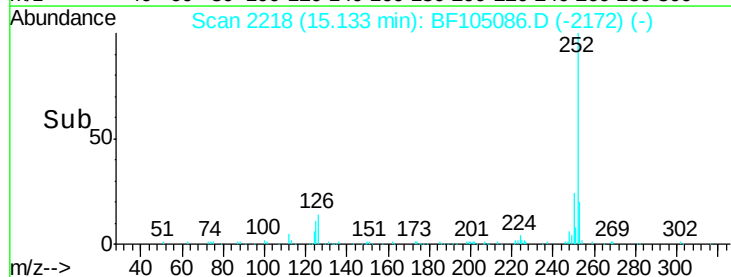
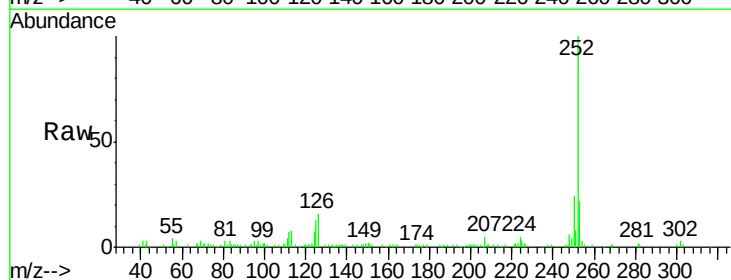
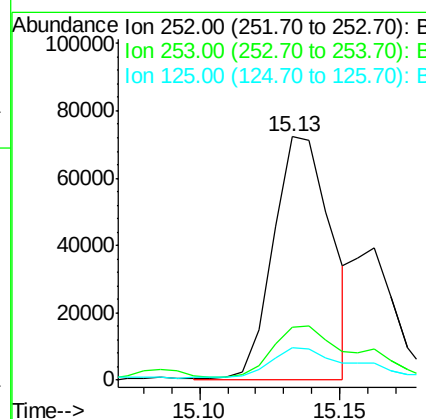
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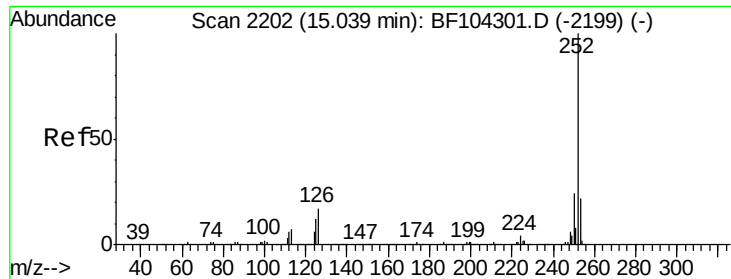
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#87
Benzo(b)fluoranthene
Concen: 8.398 ng m
RT: 15.13 min Scan# 2218
Delta R.T. -0.03 min
Lab File: BF105086.D
Acq: 3 May 2018 21:25

Tgt Ion:	252	Resp:	102985
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.0	25.6
125	13.4	9.0	13.6





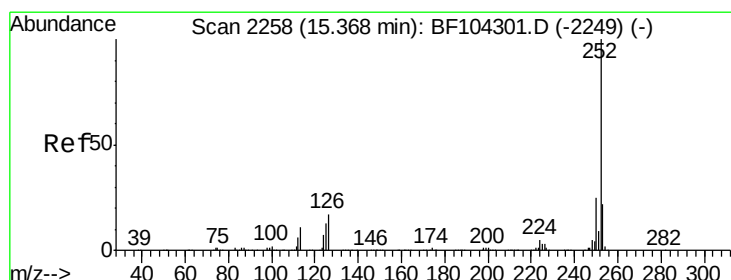
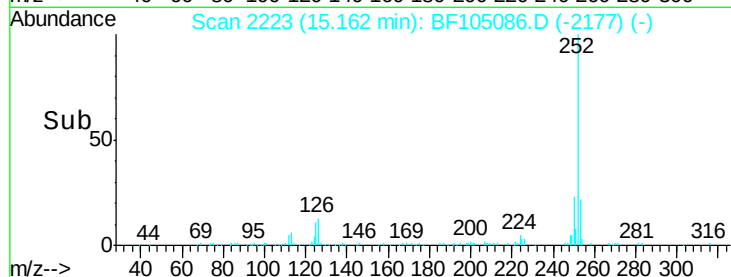
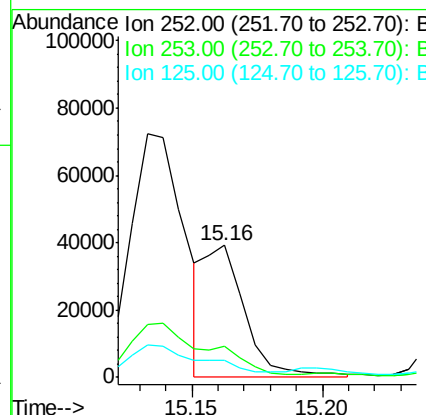
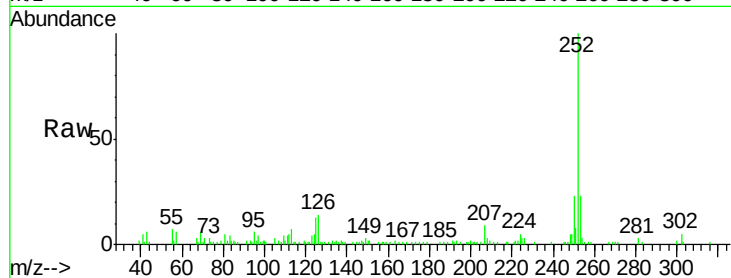
#88
Benzo(k)fluoranthene
Concen: 3.666 ng/mL
RT: 15.16 min Scan# 2223
Delta R.T. -0.03 min
Lab File: BF105086.D
Acq: 3 May 2018 21:25

Instrument :
BNA_F
ClientSampleID :
137-132-165

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	12.6	10.2	15.2

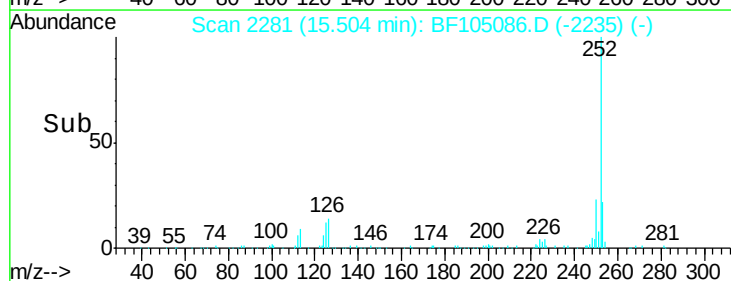
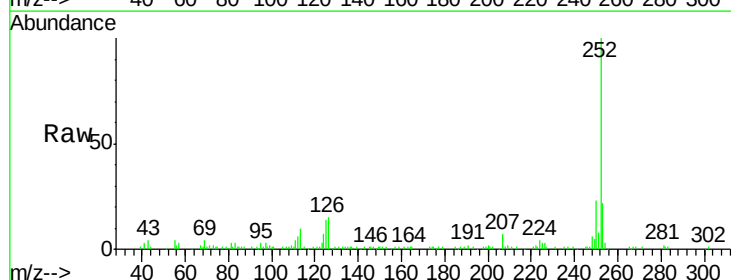
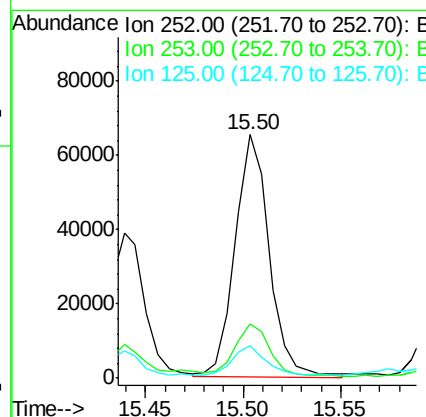
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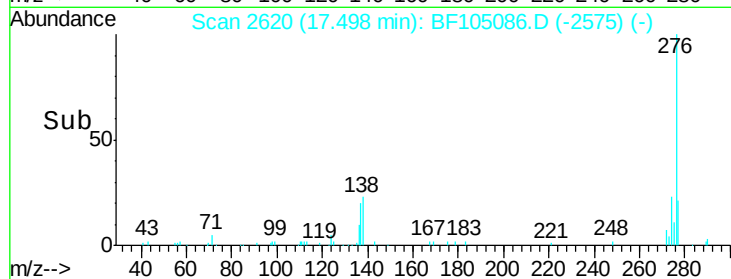
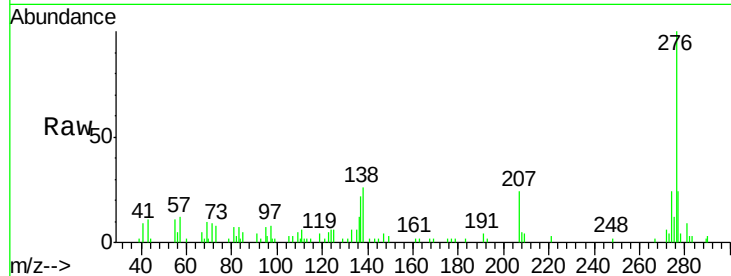
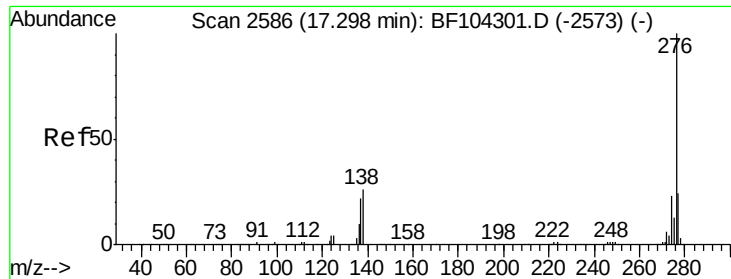
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#89
Benzo(a)pyrene
Concen: 7.263 ng/mL
RT: 15.50 min Scan# 2281
Delta R.T. -0.03 min
Lab File: BF105086.D
Acq: 3 May 2018 21:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	13.5	9.8	14.6





#91

Benzo(a,h,i)perylene

Concen: 4.906 ng

RT: 17.50 min Scan# 2620

Delta R.T. -0.04 min

Lab File: BF105086.D

Acq: 3 May 2018 21:25

Tot Ion:	276	Resp:	42833
Ion Ratio	Lower	Upper	
276	100		
277	23.9	17.9	26.9
138	26.2	21.8	32.8

Instrument :

BNA_F

ClientSampleId :

137-132-165

Manual Integrations
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