

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
 Data File : BF104767.D
 Acq On : 24 Apr 2018 20:07
 Operator : JU/SJ
 Sample : J2508-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Manual Integrations
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Quant Time: Apr 25 12:48:52 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	110434	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	445243	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	187781	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	295727	20.00	ng	0.00
75) Chrysene-d12	13.99	240	215747	20.00	ng	0.00
86) Perylene-d12	15.46	264	147871	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	493648	68.35	ng	0.01
7) Phenol-d6	6.45	99	622946	70.20	ng	0.00
23) Nitrobenzene-d5	7.37	82	384493	56.39	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	129720	66.59	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	653374	54.97	ng	0.00
78) Terphenyl-d14	12.93	244	469974	49.66	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	61892	4.180	ng	98
70) Phenanthrene	11.36	178	73452	4.460	ng	97
74) Fluoranthene	12.56	202	127857	7.431	ng	95
77) Pyrene	12.79	202	126344	7.900	ng	98
80) Benzo(a)anthracene	13.98	228	63185	4.902	ng	96
82) Chrysene	14.02	228	70433	5.320	ng	98
85) Indeno(1,2,3-cd)pyrene	16.93	276	31496	2.801	ng	# 90
87) Benzo(b)fluoranthene	15.03	252	74135	7.938	ng	# 95
88) Benzo(k)fluoranthene	15.06	252	29431m	3.338	ng	
89) Benzo(a)pyrene	15.40	252	40714	4.872	ng	# 89
91) Benzo(g,h,i)perylene	17.37	276	33175	4.989	ng	92

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

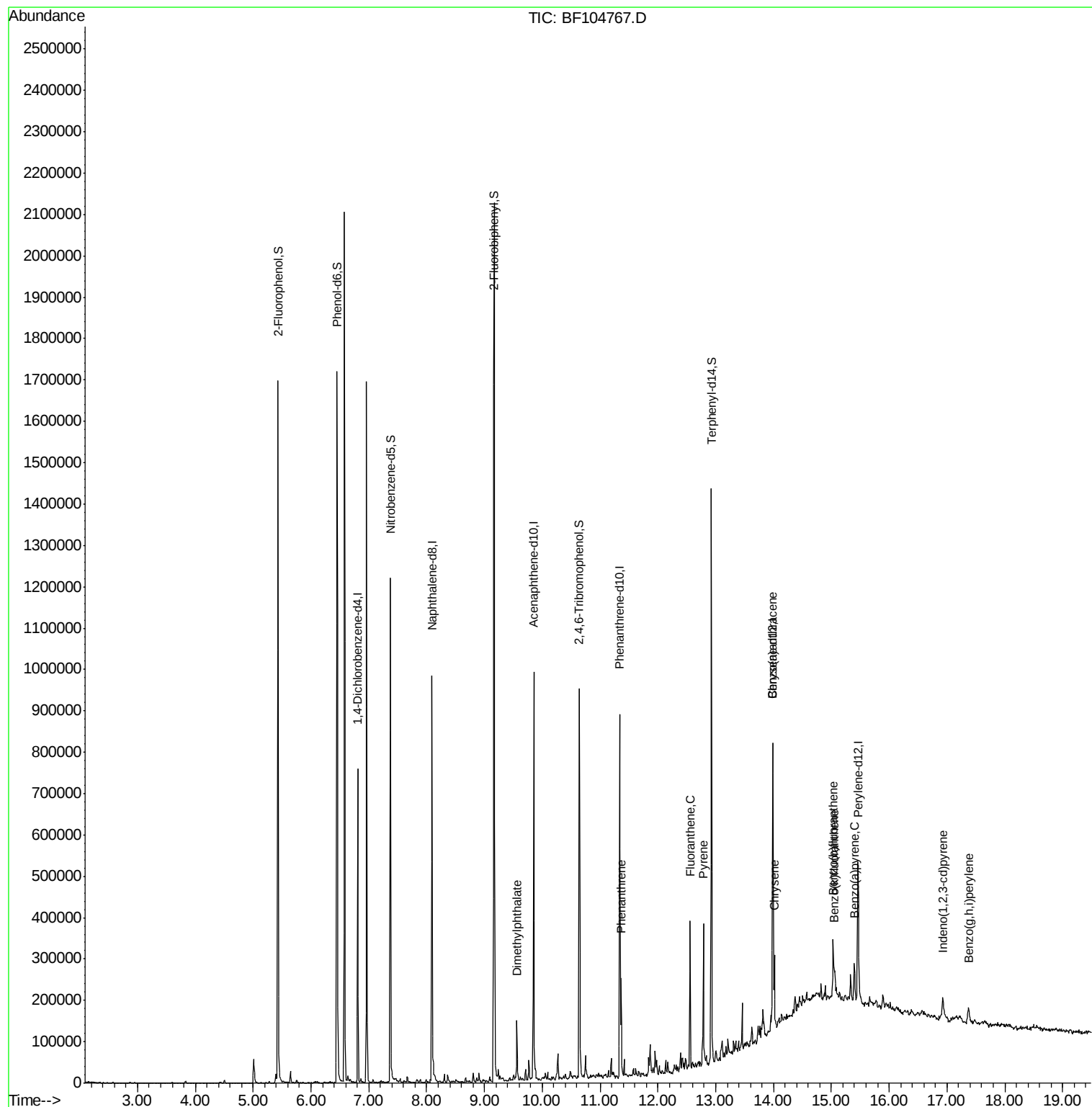
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
Data File : BF104767.D
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Misc :
ALS Vial : 18 Sample Multiplier: 1

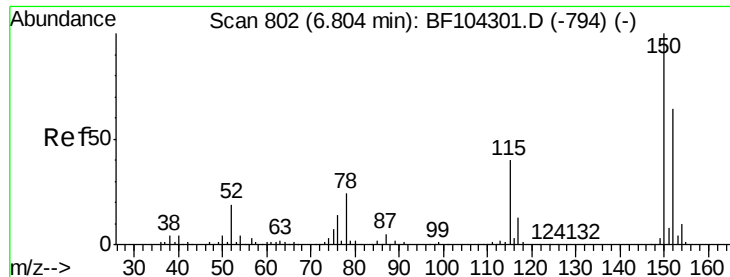
Instrument :
BNA_F
ClientSampled :
TP-2

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Quant Time: Apr 25 12:48:52 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

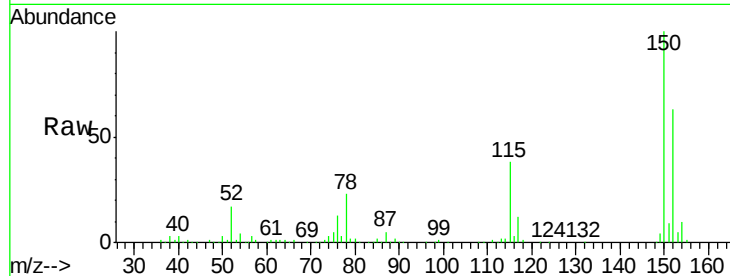
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104767.D
Acq: 24 Apr 2018 20:07

Instrument :
BNA_F
ClientSampled :
TP-2

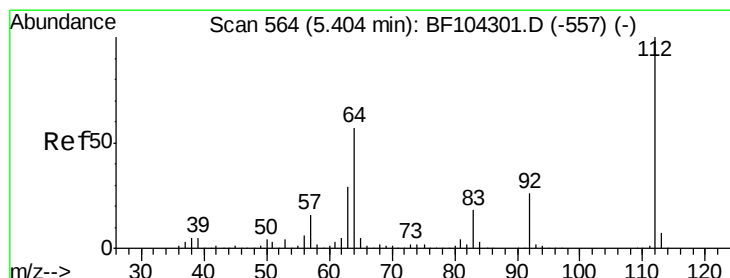
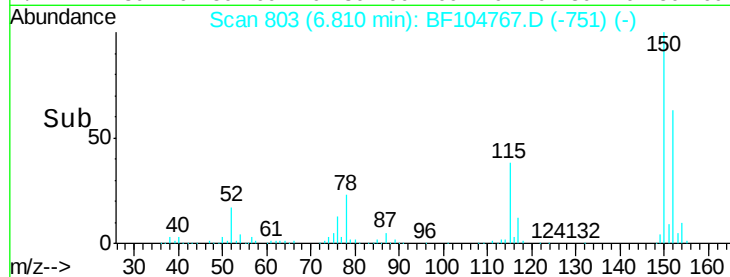
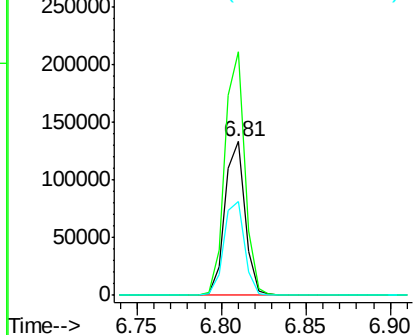
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	60.7	50.1	75.1

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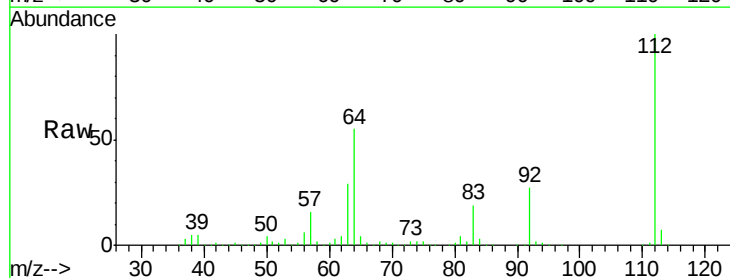
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



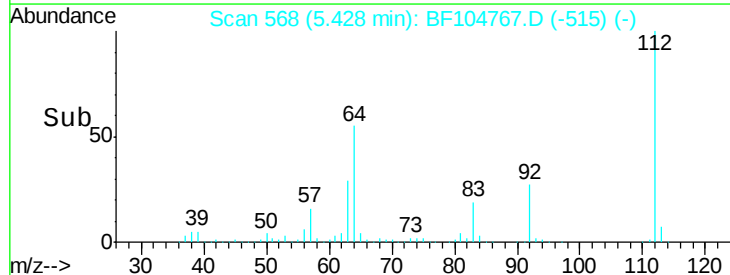
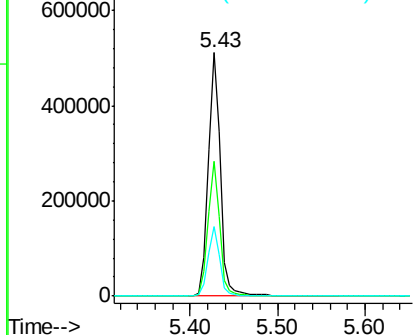
#5

2-Fluorophenol
Concen: 68.350 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104767.D
Acq: 24 Apr 2018 20:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	47.9	71.9
63	28.5	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: 70.199 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104767.D

Acq: 24 Apr 2018 20:07

Instrument :

BNA_F

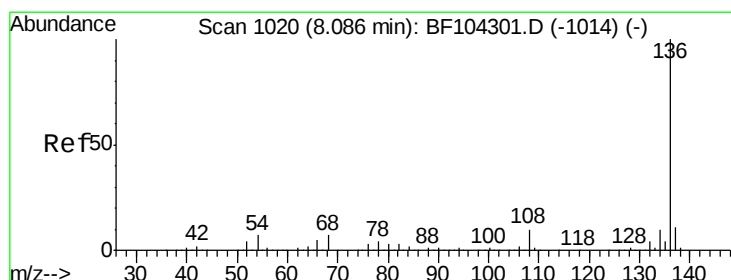
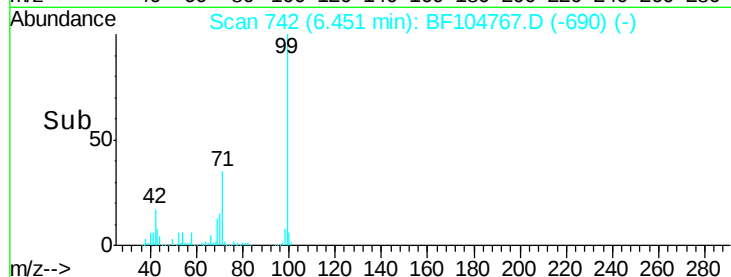
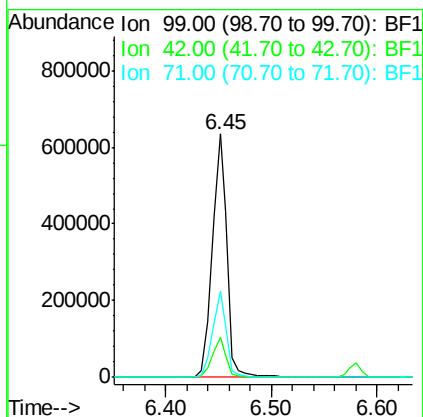
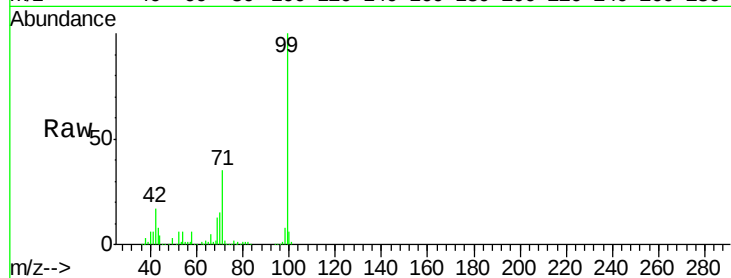
ClientSampleId :

TP-2

Tot Ion:	99	Resp:	622946
Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.5	21.7
71	35.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

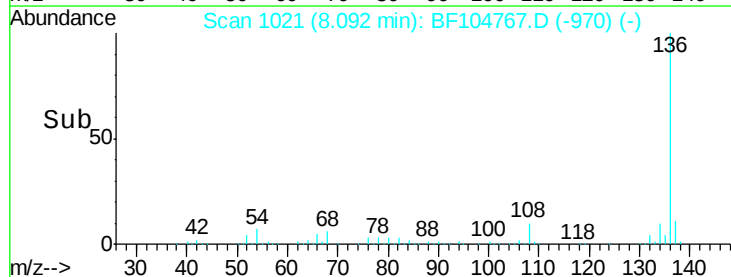
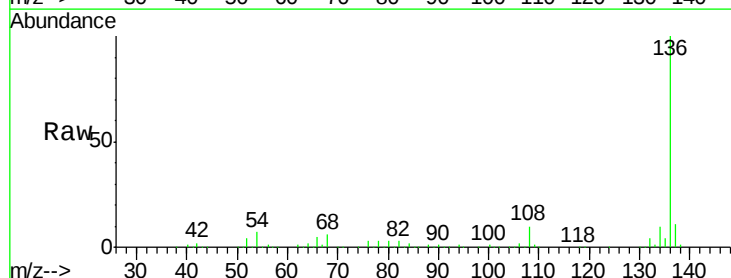
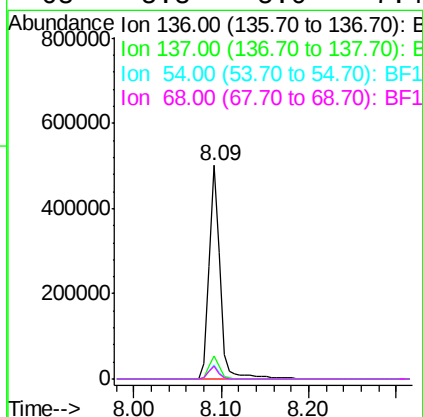
RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF104767.D

Acq: 24 Apr 2018 20:07

Tgt Ion:	136	Resp:	445243
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.5	6.6	9.8#
68	5.8	5.0	7.4





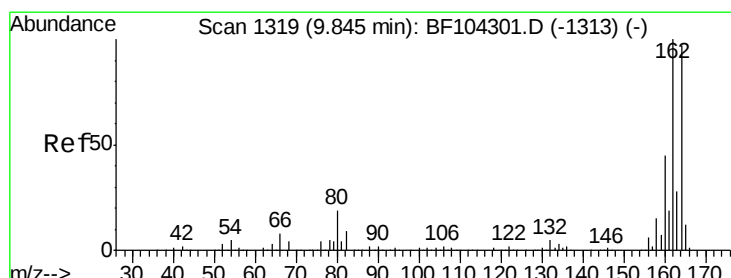
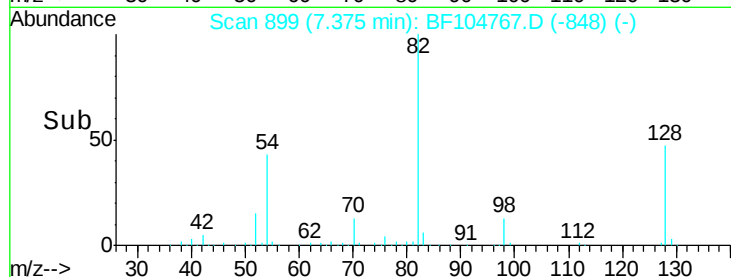
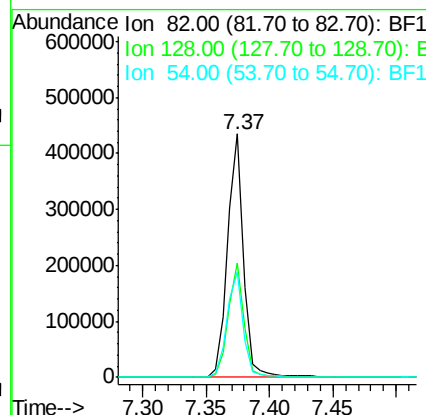
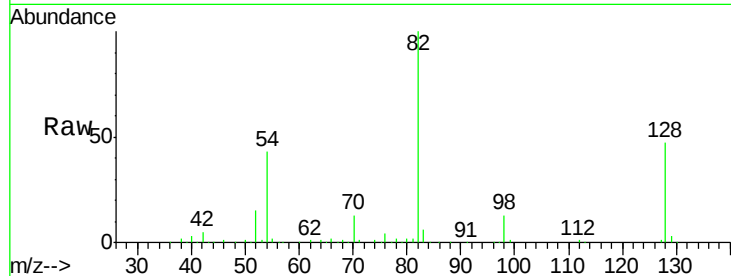
#23
 Nitrobenzene-d5
 Concen: 56.389 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BF104767.D
 Acq: 24 Apr 2018 20:07

Instrument :
 BNA_F
 ClientSampled :
 TP-2

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	43.4	41.4	62.2

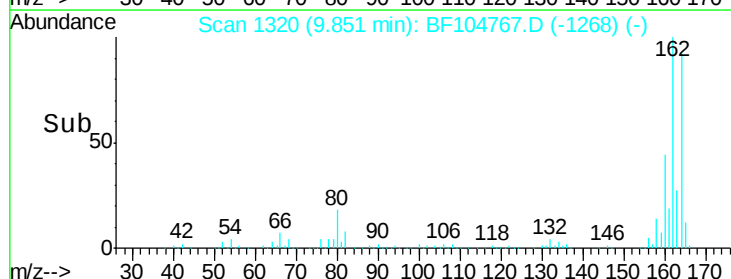
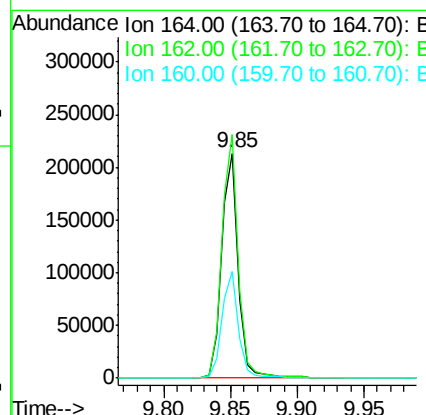
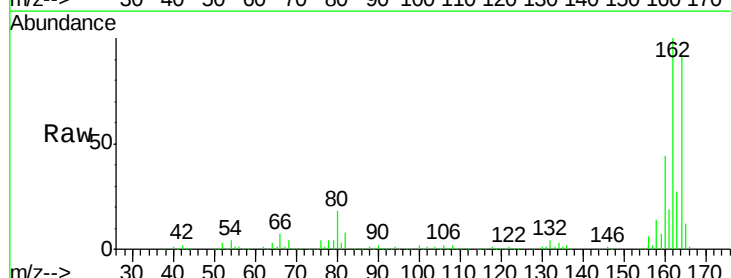
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF104767.D
 Acq: 24 Apr 2018 20:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.2	86.1	129.1
160	47.6	38.3	57.5





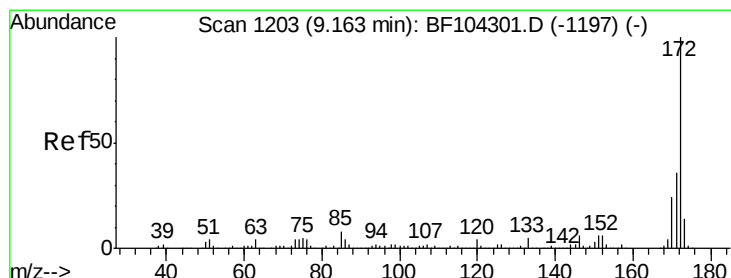
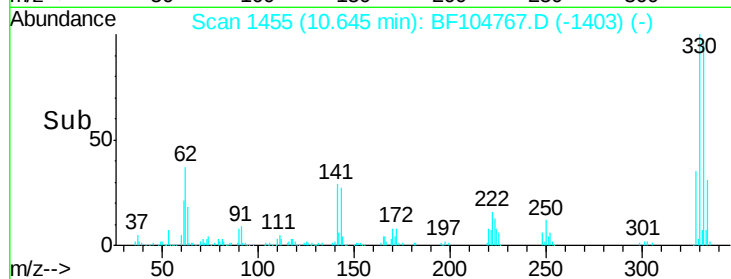
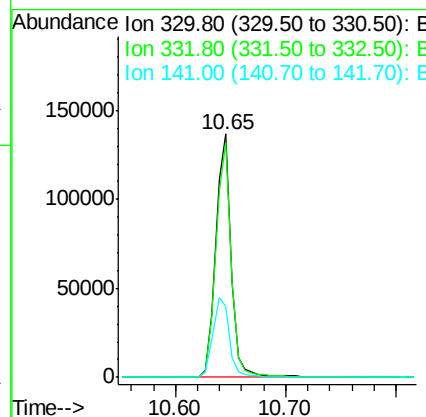
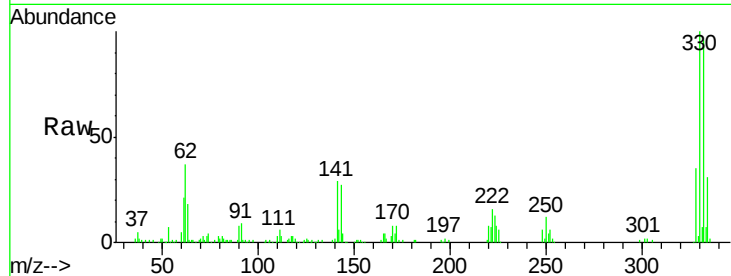
#41
 2,4,6-Tribromophenol
 Concen: 66.595 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104767.D
 Acq: 24 Apr 2018 20:07

Instrument :
 BNA_F
 ClientSampled :
 TP-2

Tot Ion	Ratio	Resp	Lower	Upper
330	100	129720		
332	95.7	77.0	115.6	
141	35.3	29.9	44.9	

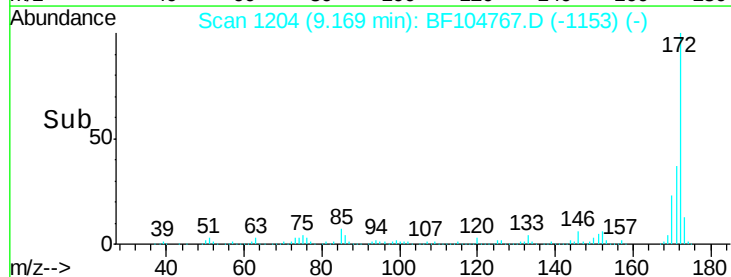
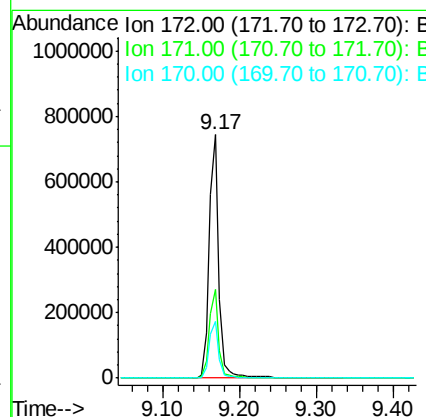
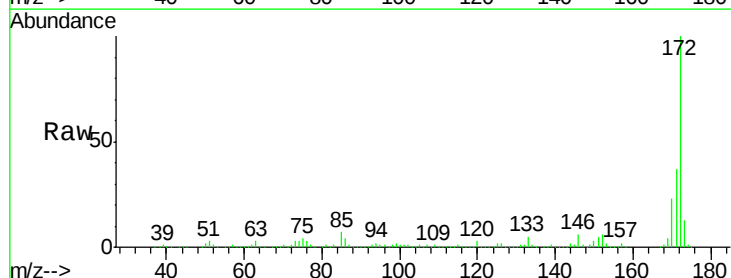
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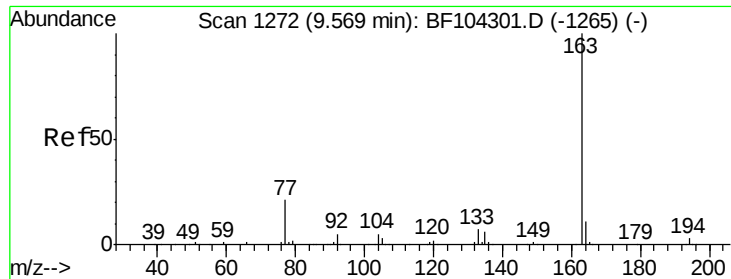
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#44
 2-Fluorobiphenyl
 Concen: 54.967 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104767.D
 Acq: 24 Apr 2018 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	653374		
171	36.5	29.7	44.5	
170	23.5	19.6	29.4	





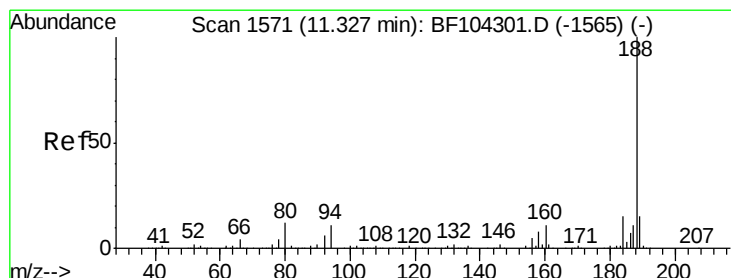
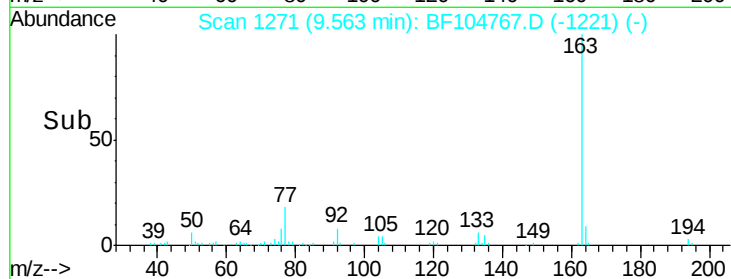
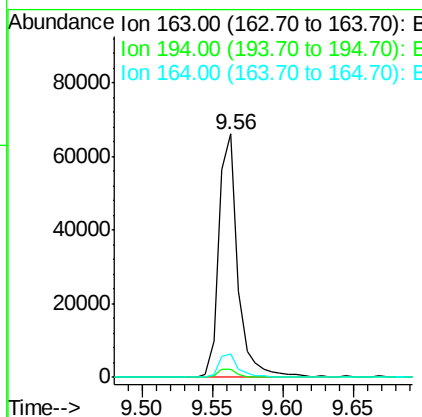
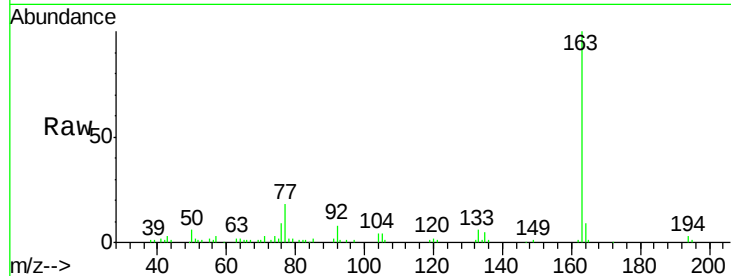
#49
Dimethylphthalate
Concen: 4.180 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104767.D
Acq: 24 Apr 2018 20:07

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		61892		
194	3.2		2.7	4.1	
164	9.4		8.2	12.2	

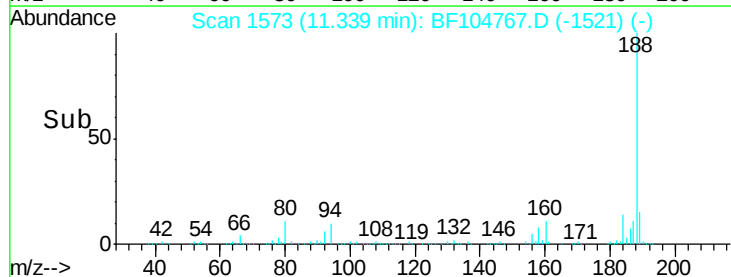
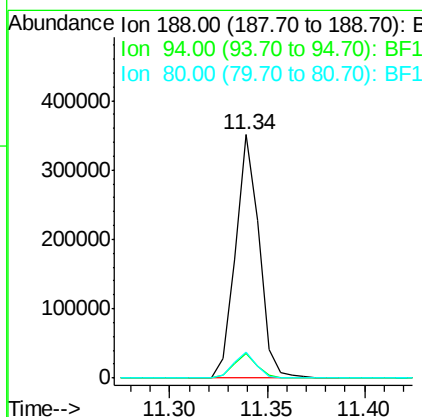
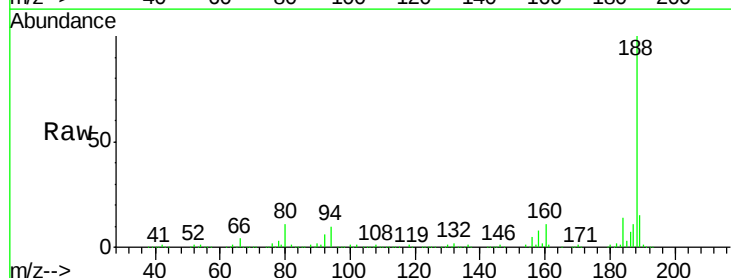
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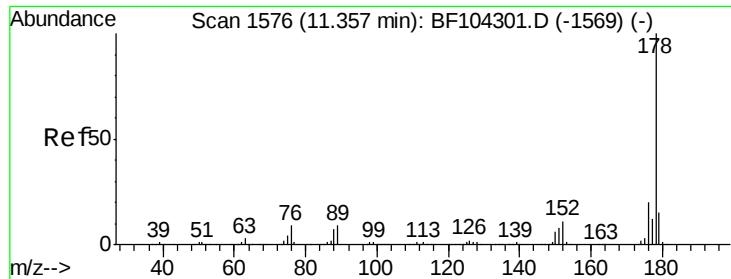
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104767.D
Acq: 24 Apr 2018 20:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		295727		
94	10.3		8.5	12.7	
80	10.5		9.2	13.8	





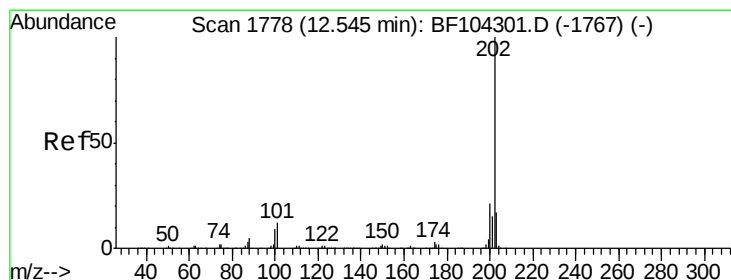
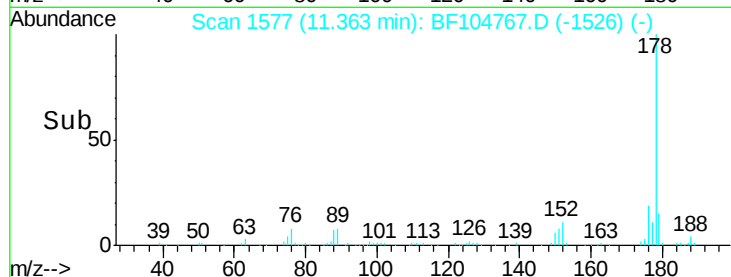
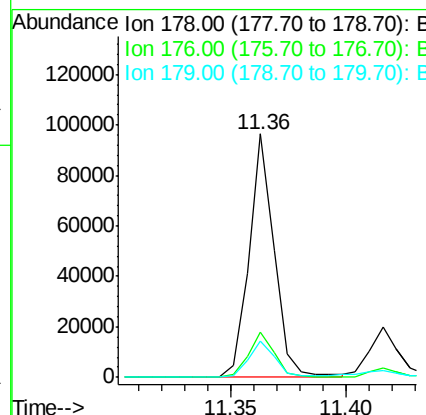
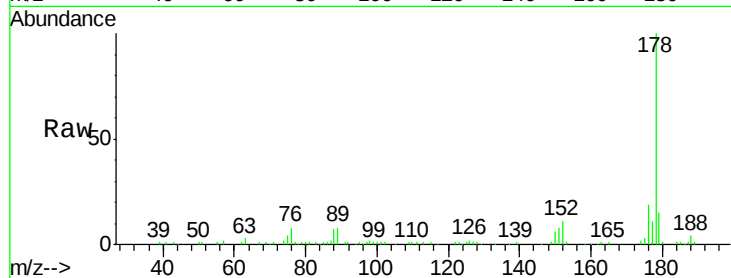
#70
Phenanthrene
Concen: 4.460 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF104767.D
Acq: 24 Apr 2018 20:07

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.0	13.0	19.6

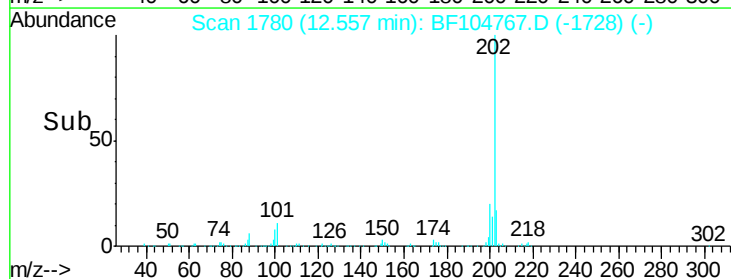
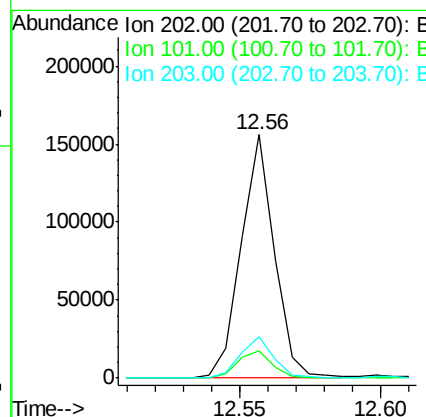
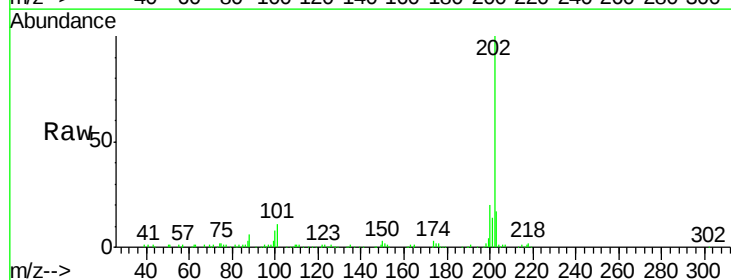
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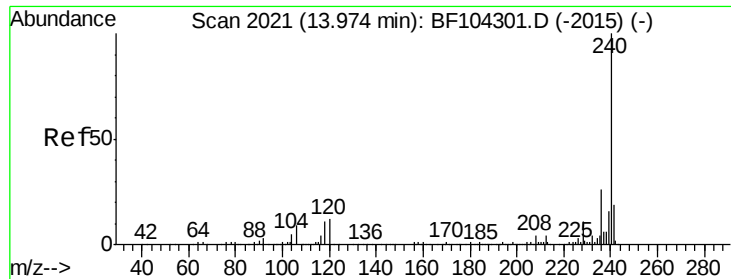
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#74
Fluoranthene
Concen: 7.431 ng
RT: 12.56 min Scan# 1780
Delta R.T. 0.01 min
Lab File: BF104767.D
Acq: 24 Apr 2018 20:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	34.1
203	16.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF104767.D

Acq: 24 Apr 2018 20:07

Instrument :

BNA_F

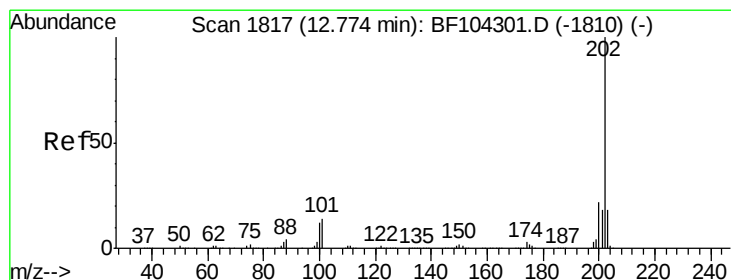
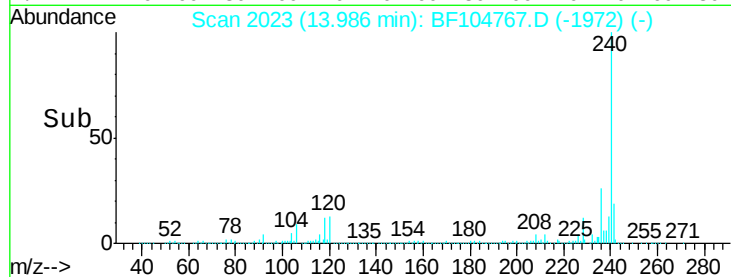
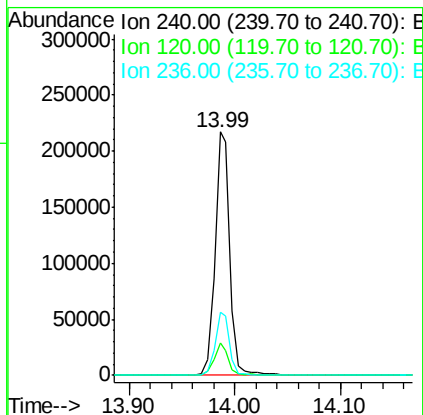
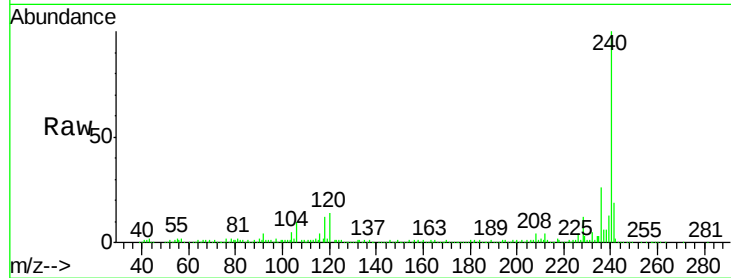
ClientSampled :

TP-2

Tot Ion:	240	Resp:	215747
Ion Ratio	Lower	Upper	
240	100		
120	13.5	9.5	14.3
236	25.9	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 7.900 ng

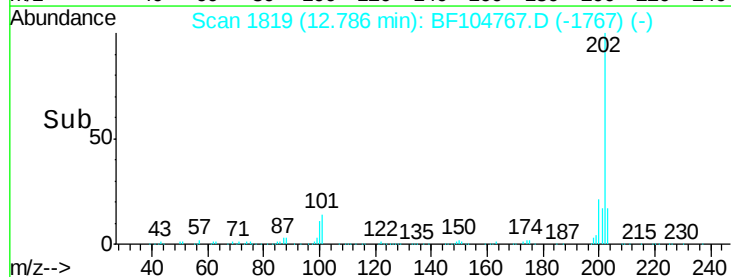
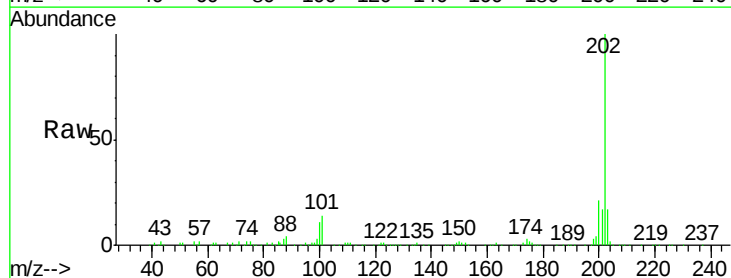
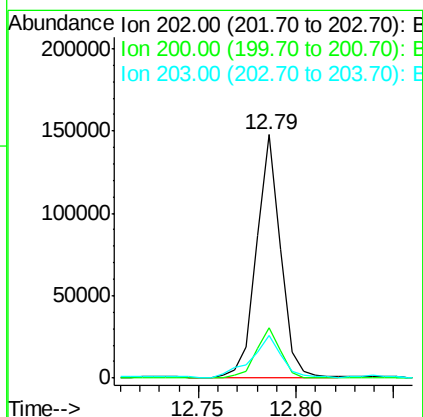
RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BF104767.D

Acq: 24 Apr 2018 20:07

Tgt Ion:	202	Resp:	126344
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.4	26.2
203	17.4	14.3	21.5





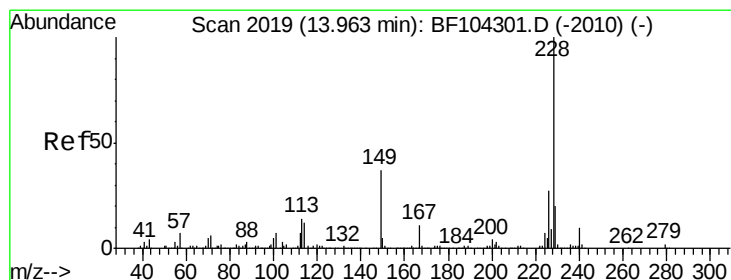
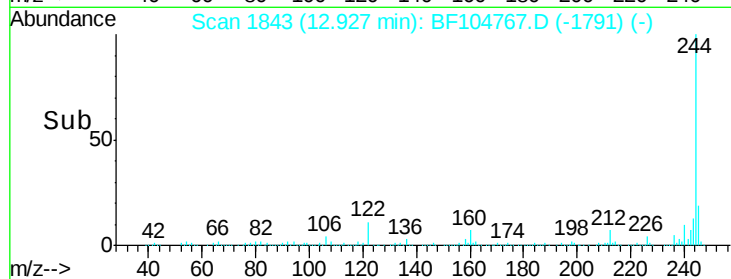
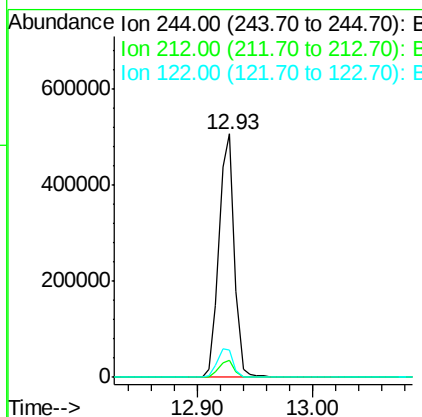
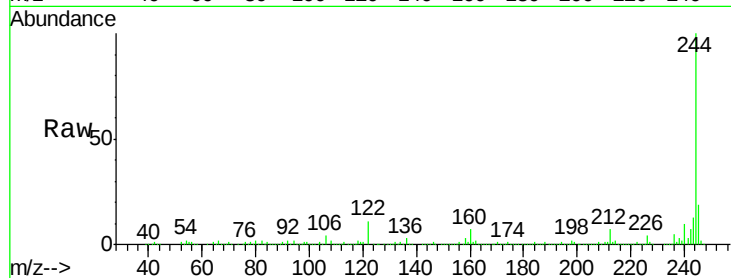
#78
 Terphenyl-d14
 Concen: 49.663 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF104767.D
 Acq: 24 Apr 2018 20:07

Instrument :
 BNA_F
 ClientSampled :
 TP-2

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.4	11.0	16.4

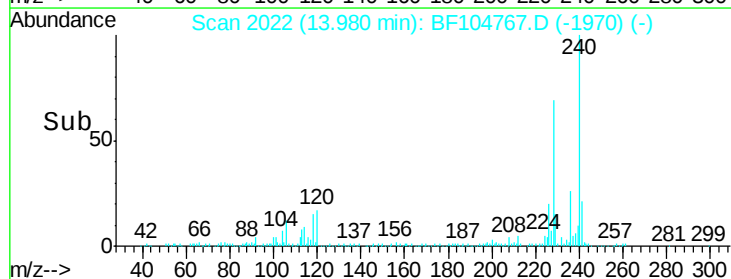
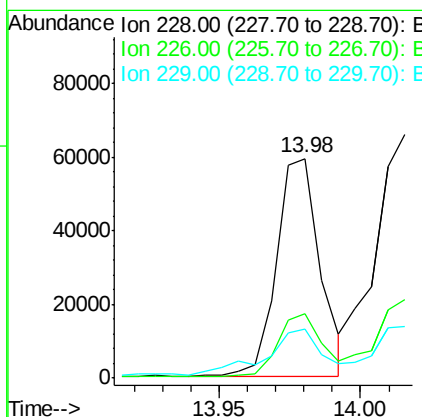
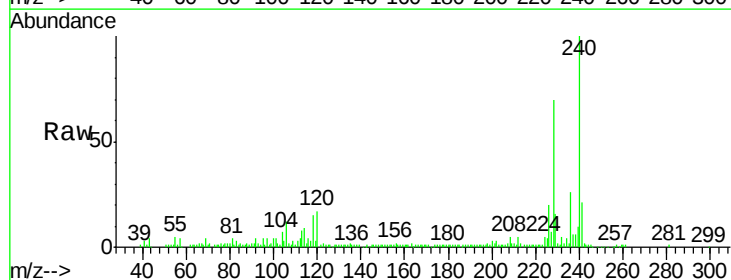
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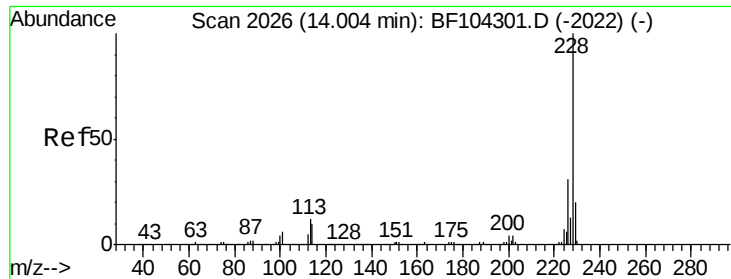
Sohil
 4/25/2018 4:23:01 PM



#80
 Benzo(a)anthracene
 Concen: 4.902 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF104767.D
 Acq: 24 Apr 2018 20:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	22.4	15.8	23.6





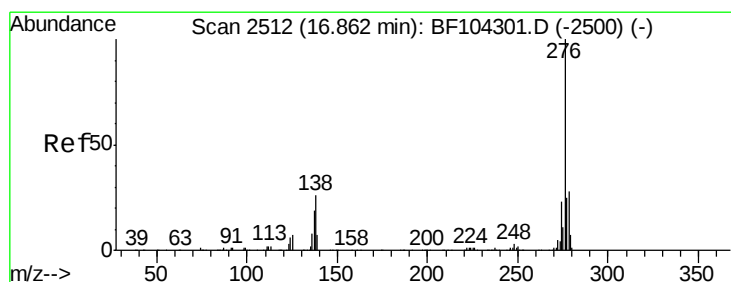
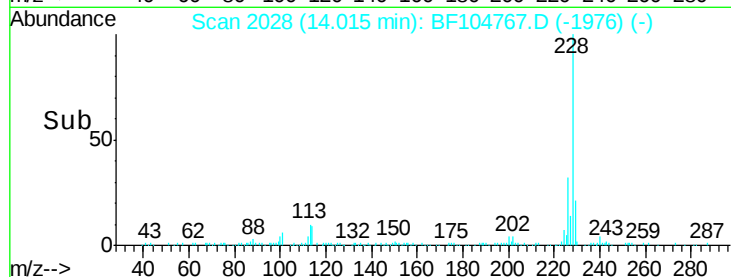
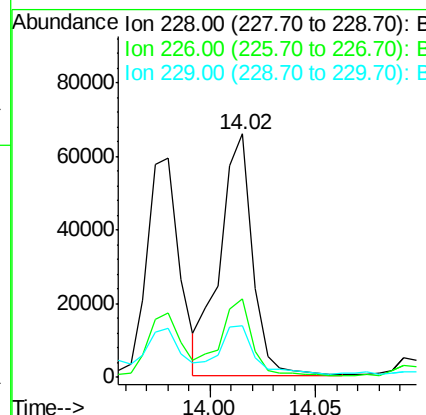
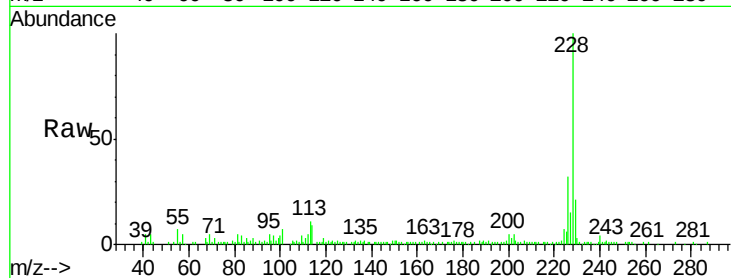
#82
Chrysene
Concen: 5.320 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF104767.D
Acq: 24 Apr 2018 20:07

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.0	37.6
229	21.4	16.2	24.4

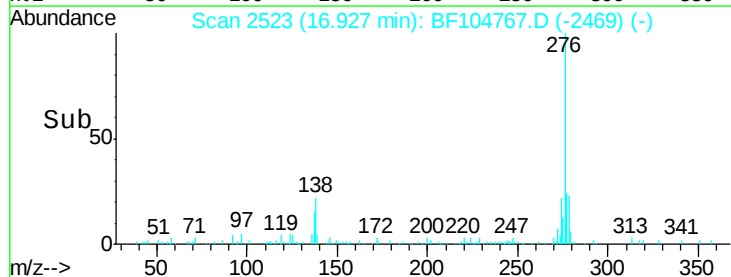
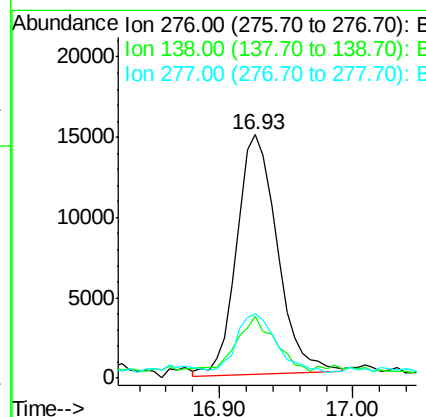
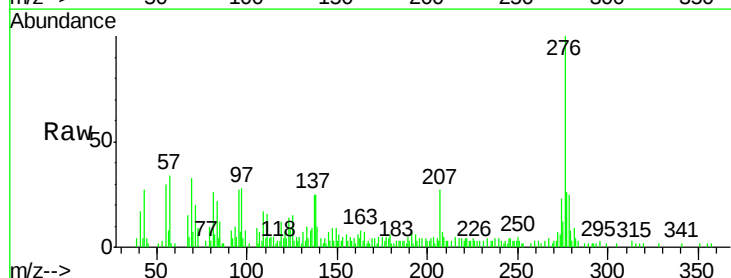
Manual Integrations
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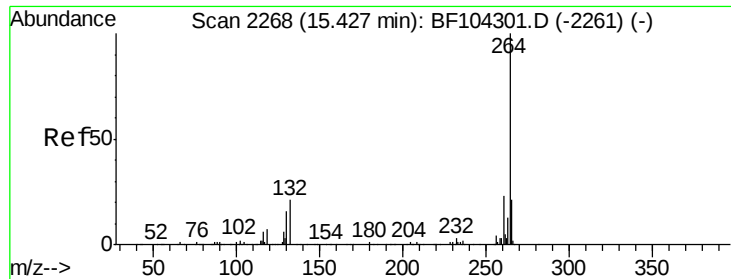
Sohil
4/25/2018 4:23:01 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 2.801 ng
RT: 16.93 min Scan# 2523
Delta R.T. 0.02 min
Lab File: BF104767.D
Acq: 24 Apr 2018 20:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.4	25.0	37.6#
277	24.4	20.1	30.1





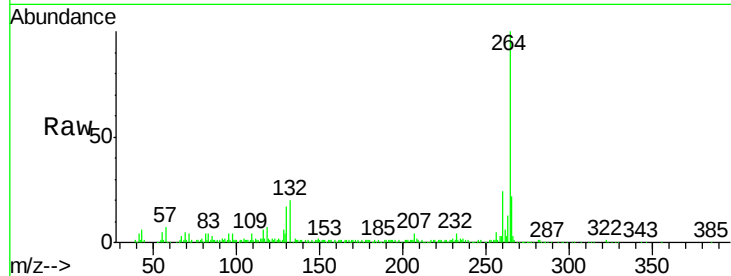
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF104767.D
Acq: 24 Apr 2018 20:07

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	24.3	19.2	28.8		
265	21.6	17.5	26.3		

Manual Integrations
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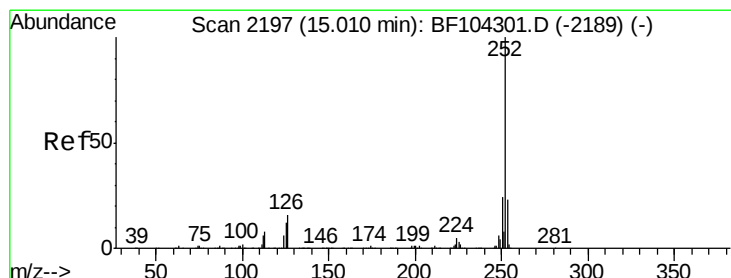
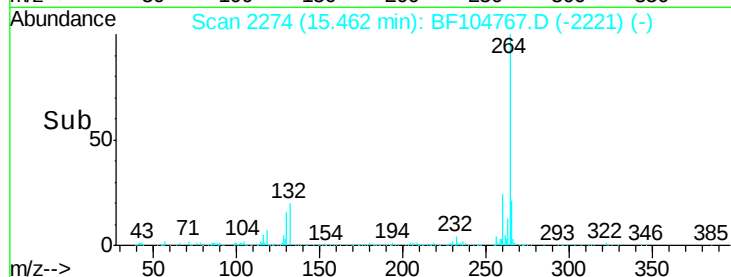
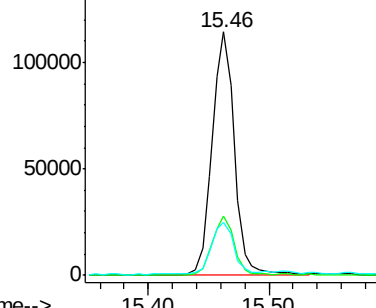


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87
Benzo(b)fluoranthene
Concen: 7.938 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF104767.D
Acq: 24 Apr 2018 20:07

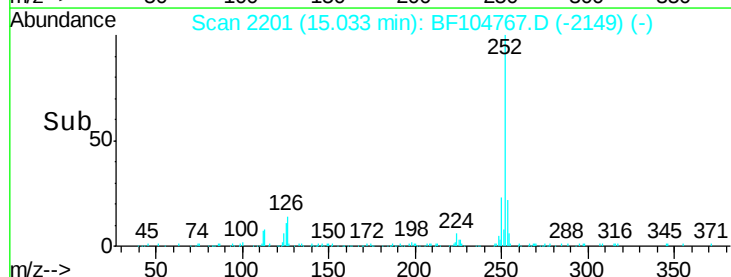
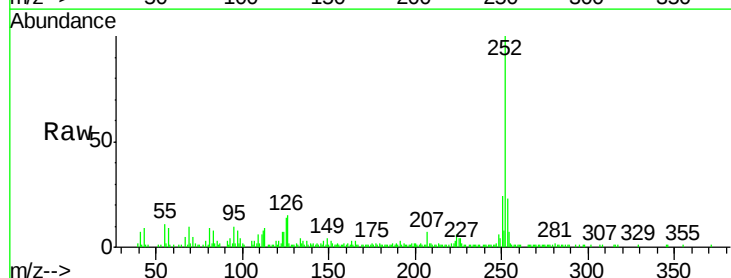
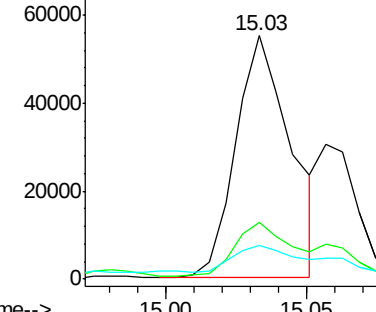
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	23.4	17.0	25.6		
125	13.9	9.0	13.6#		

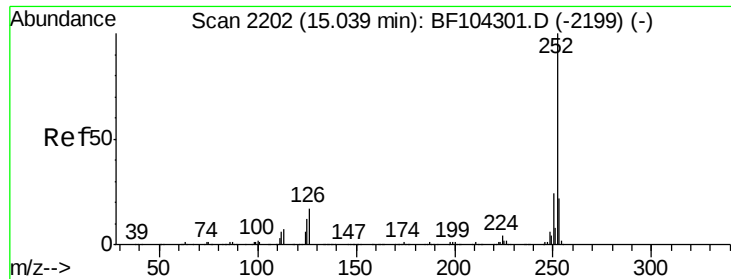
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





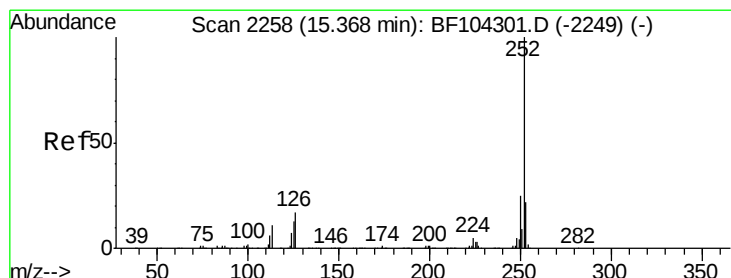
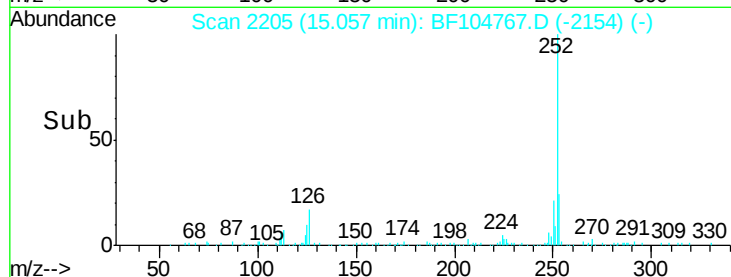
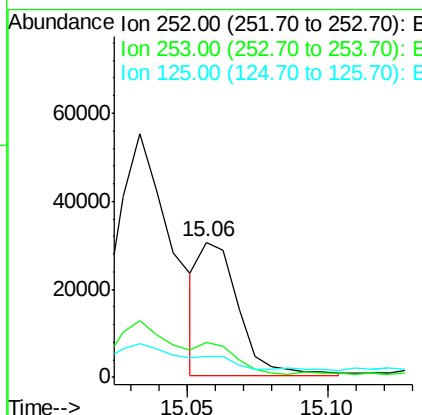
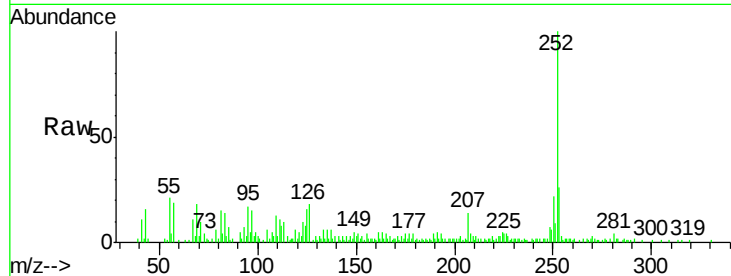
#88
Benzo(k)fluoranthene
Concen: 3.338 ng m
RT: 15.06 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BF104767.D
Acq: 24 Apr 2018 20:07

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.9	26.9
125	15.7	10.2	15.2

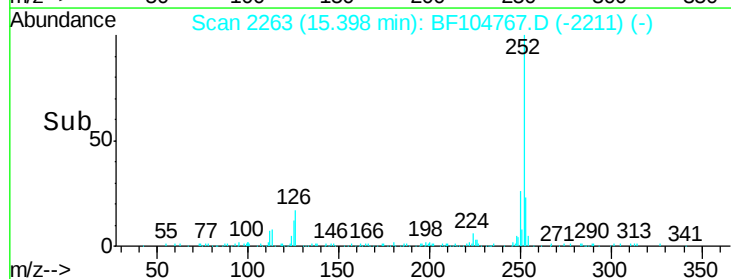
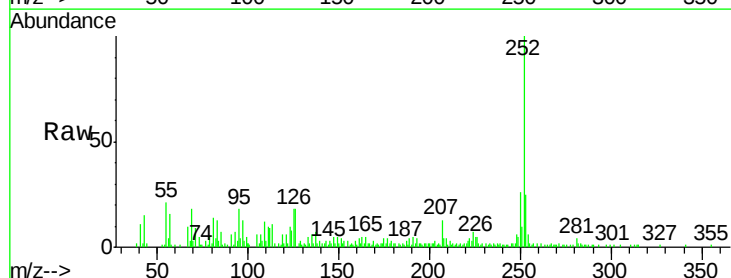
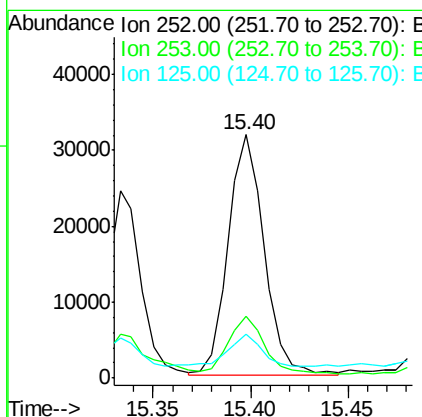
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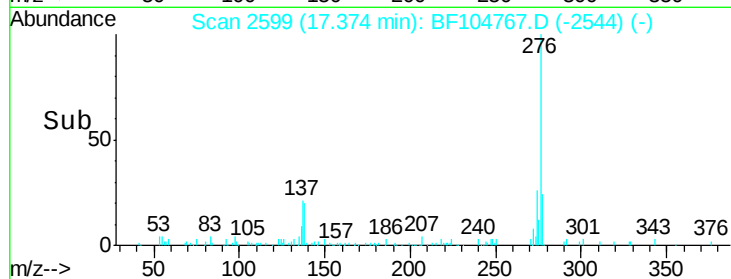
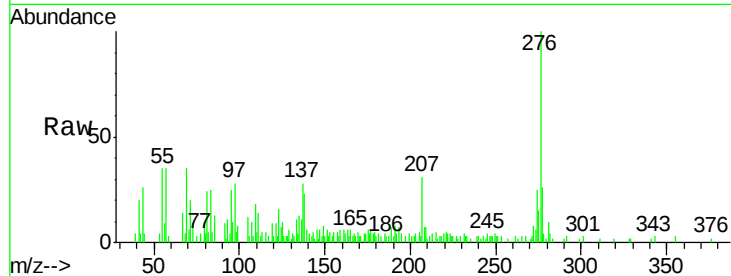
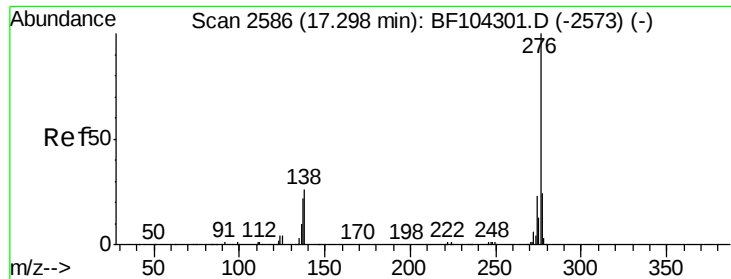
Sohil
4/25/2018 4:23:01 PM



#89
Benzo(a)pyrene
Concen: 4.872 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF104767.D
Acq: 24 Apr 2018 20:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.1	25.7
125	17.8	9.8	14.6





#91

Benzo(a,h,i)perylene

Concen: 4.989 ng

RT: 17.37 min Scan# 2599

Delta R.T. 0.02 min

Lab File: BF104767.D

Acq: 24 Apr 2018 20:07

Instrument :

BNA_F

ClientSampleId :

TP-2

Tot Ion: 276 Resp: 33175

Ion Ratio Lower Upper

276 100

277 26.5 17.9 26.9

138 23.5 21.8 32.8

Manual Integrations
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