

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
 Data File : BF104766.D
 Acq On : 24 Apr 2018 19:41
 Operator : JU/SJ
 Sample : J2508-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Manual Integrations
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Quant Time: Apr 25 12:47:12 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	99432	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	404477	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	175765	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	281486	20.00	ng	0.00
75) Chrysene-d12	13.99	240	211036	20.00	ng	0.00
86) Perylene-d12	15.46	264	153577	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	534249	82.16	ng	0.01
7) Phenol-d6	6.45	99	661550	82.80	ng	0.00
23) Nitrobenzene-d5	7.37	82	397615	64.19	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	149682	82.10	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	677127	60.86	ng	0.00
78) Terphenyl-d14	12.93	244	538901	58.22	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	65505	4.726	ng	99
70) Phenanthrene	11.36	178	89012	5.678	ng	97
74) Fluoranthene	12.56	202	123905	7.565	ng	95
77) Pyrene	12.79	202	109403	6.994	ng	98
80) Benzo(a)anthracene	13.98	228	54204	4.299	ng	92
82) Chrysene	14.02	228	62075	4.793	ng	95
85) Indeno(1,2,3-cd)pyrene	16.93	276	26162	2.378	ng	94
87) Benzo(b)fluoranthene	15.03	252	60098m	6.196	ng	
88) Benzo(k)fluoranthene	15.06	252	34211m	3.736	ng	
89) Benzo(a)pyrene	15.40	252	35902	4.137	ng	# 92
91) Benzo(g,h,i)perylene	17.37	276	27647	4.003	ng	94

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

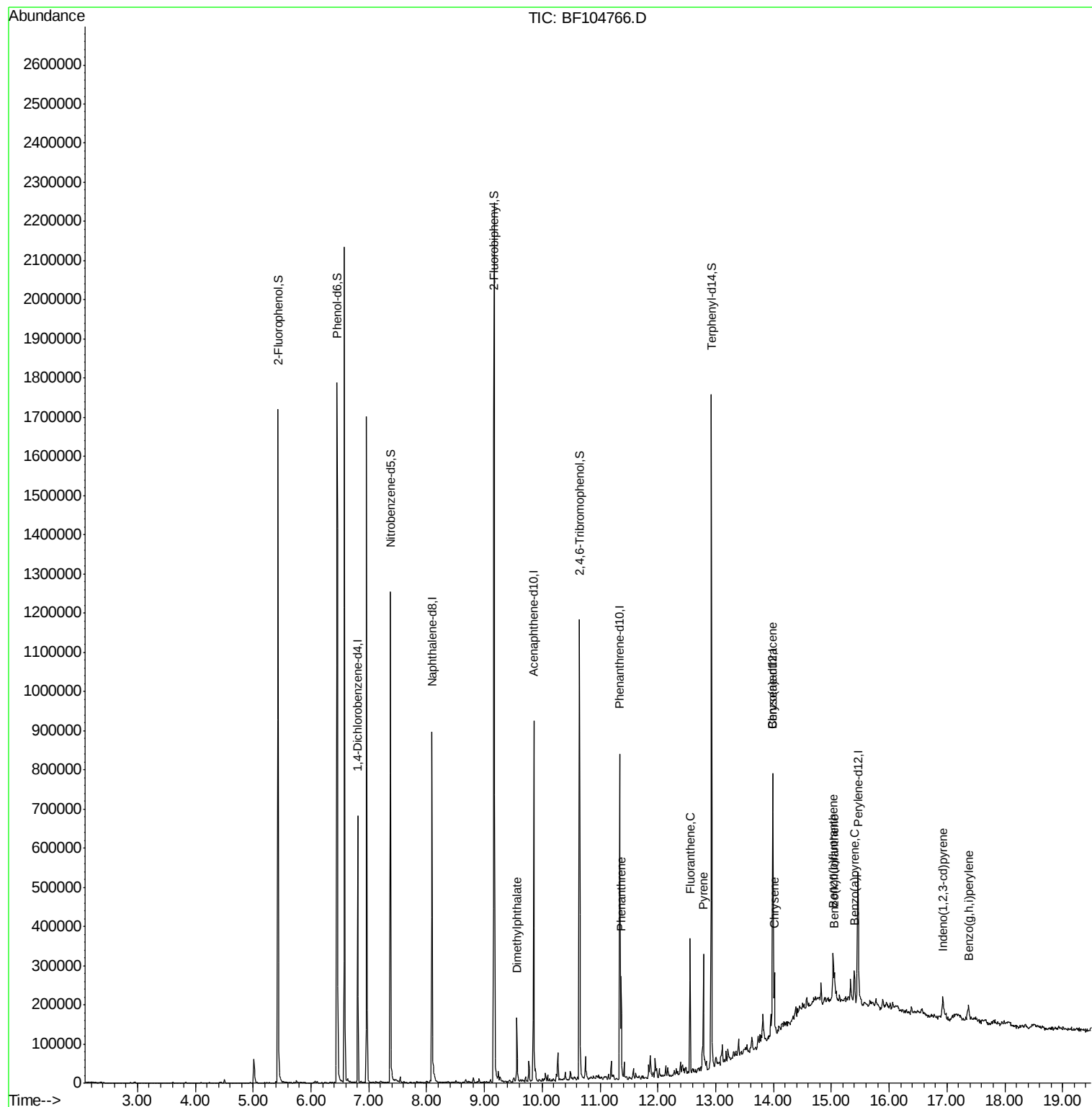
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
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Operator : JU/SJ
Sample : J2508-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

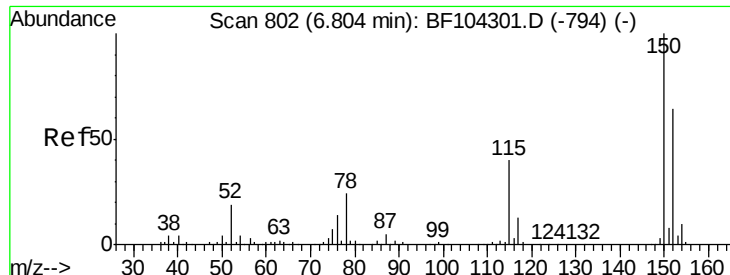
Instrument :
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ClientSampleId :
TP-1

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#1

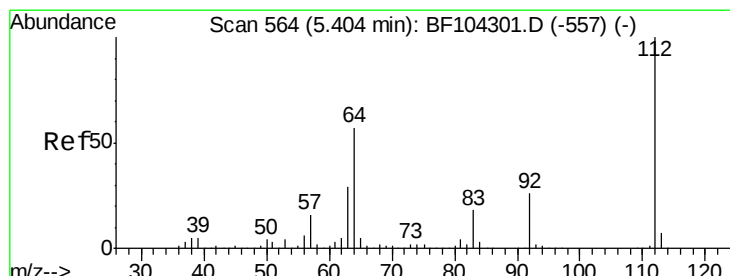
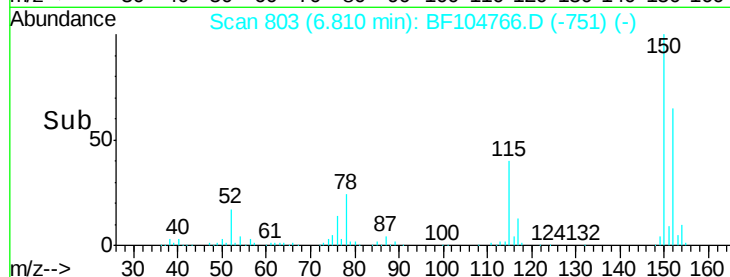
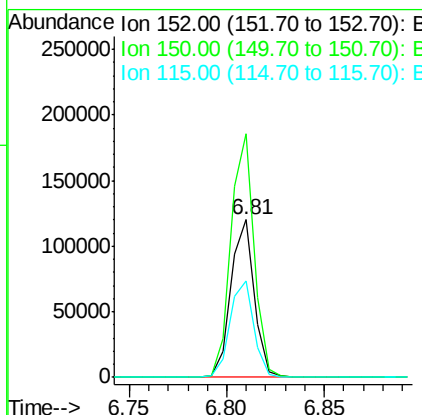
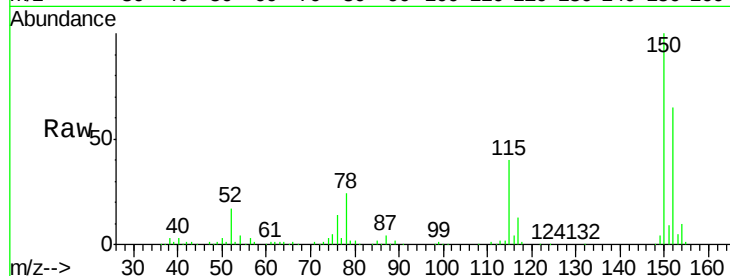
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104766.D
Acq: 24 Apr 2018 19:41

Instrument :
BNA_F
ClientSampled :
TP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	61.5	50.1	75.1

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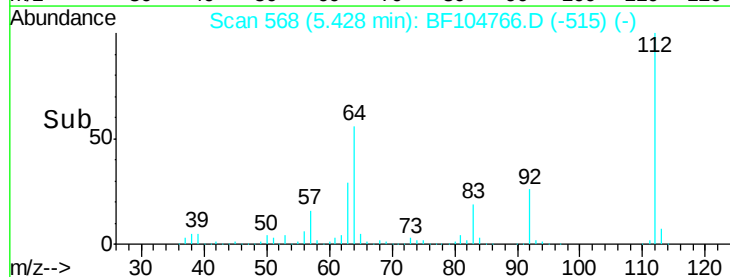
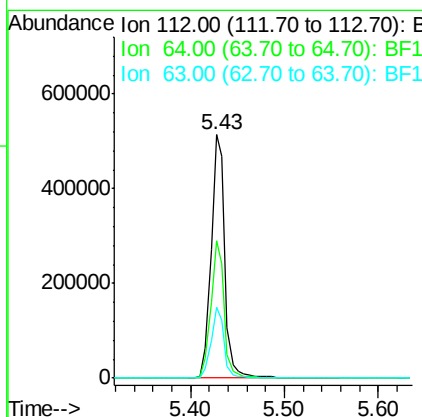
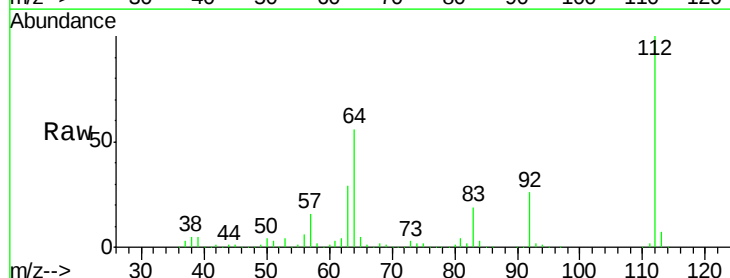
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#5

2-Fluorophenol
Concen: 82.156 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104766.D
Acq: 24 Apr 2018 19:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.9	71.9
63	28.9	23.7	35.5





#7

Phenol-d6

Concen: 82.799 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104766.D

Acq: 24 Apr 2018 19:41

Instrument :

BNA_F

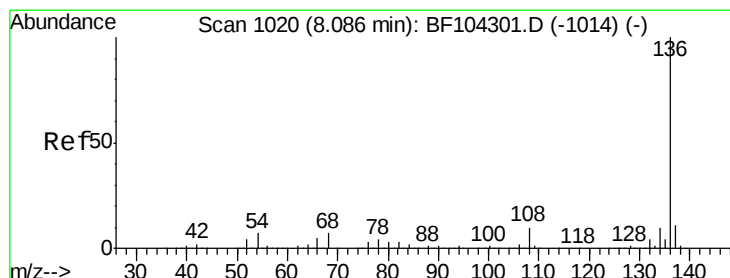
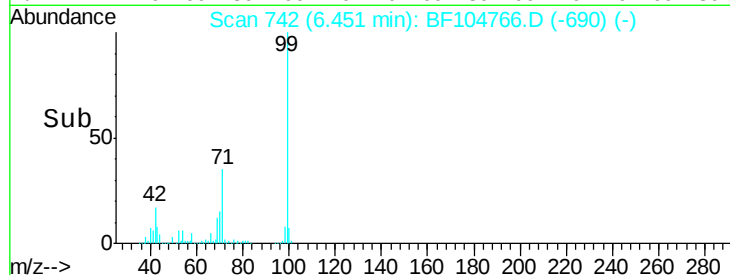
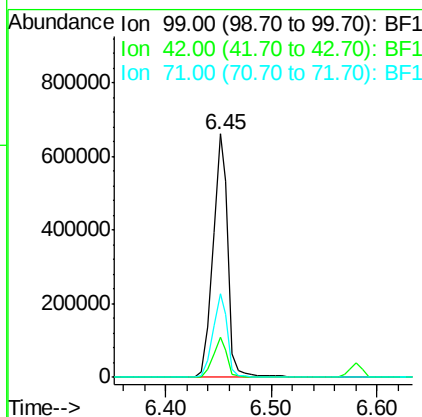
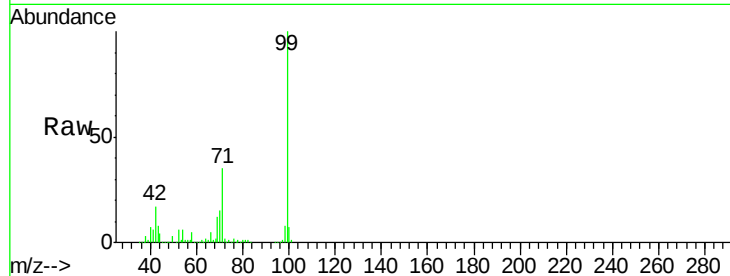
ClientSampled :

TP-1

Tot Ion:	99	Resp:	661550
Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.5	21.7
71	34.6	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

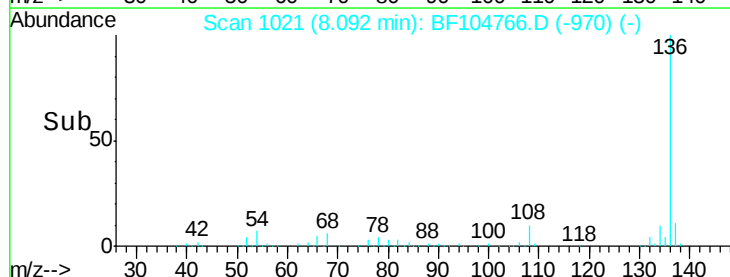
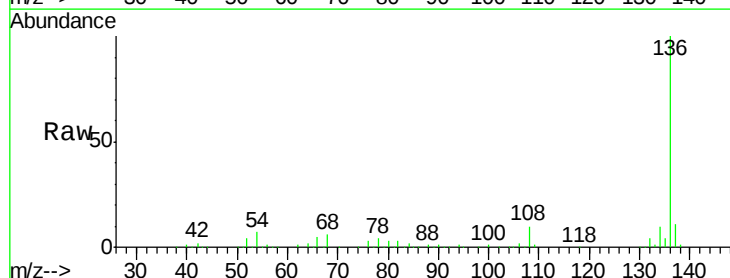
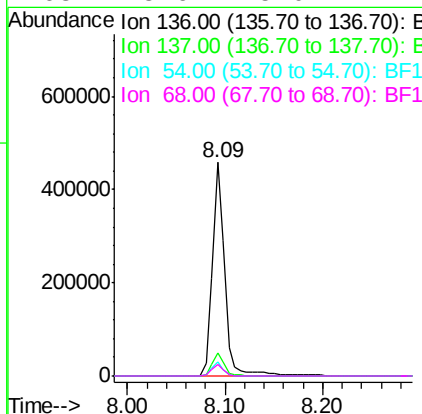
RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF104766.D

Acq: 24 Apr 2018 19:41

Tgt Ion:	136	Resp:	404477
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.7	6.6	9.8
68	5.6	5.0	7.4





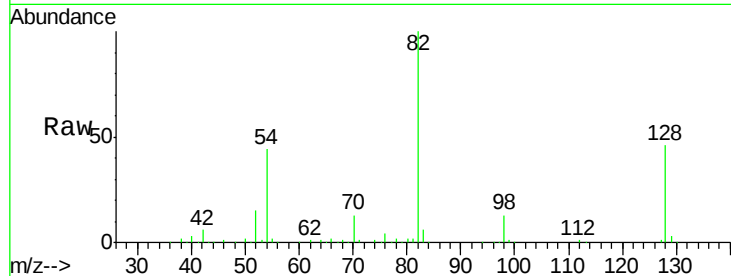
#23
Nitrobenzene-d5
Concen: 64.190 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104766.D
Acq: 24 Apr 2018 19:41

Instrument :
BNA_F
ClientSampled :
TP-1

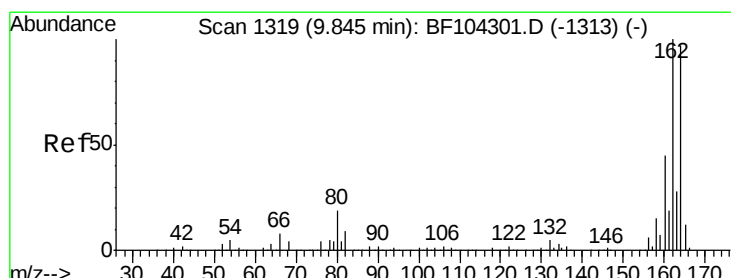
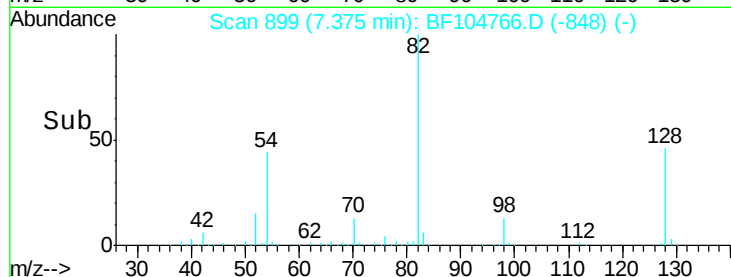
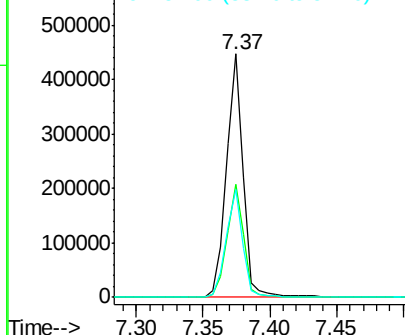
Tot Ion	Ratio	Resp	Lower	Upper
82	100	397615		
128	46.2	36.1	54.1	
54	44.2	41.4	62.2	

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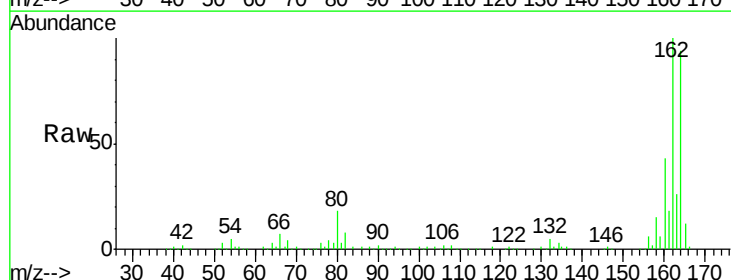


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

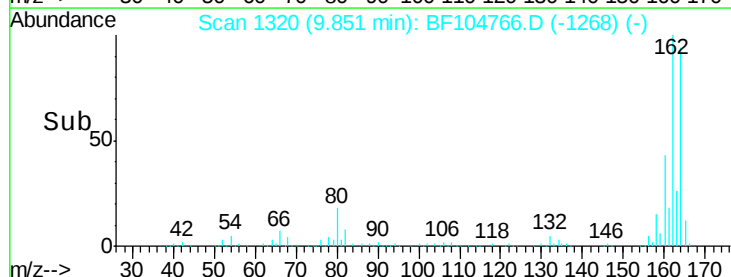
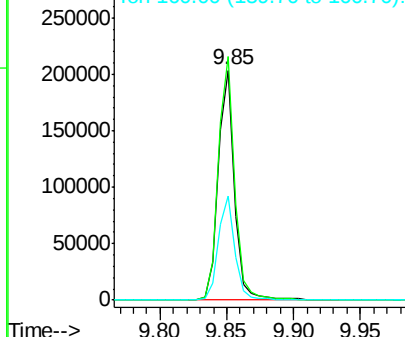


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF104766.D
Acq: 24 Apr 2018 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	175765		
162	105.9	86.1	129.1	
160	45.4	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





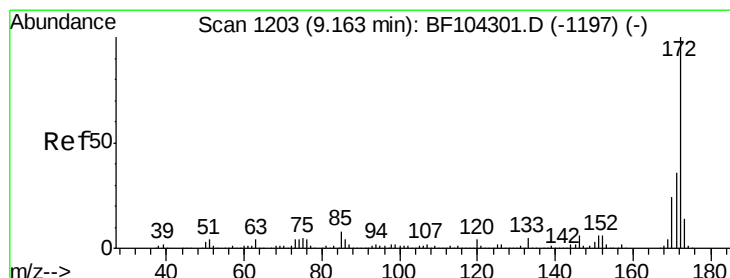
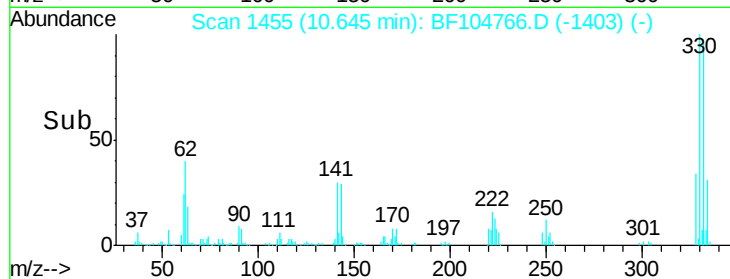
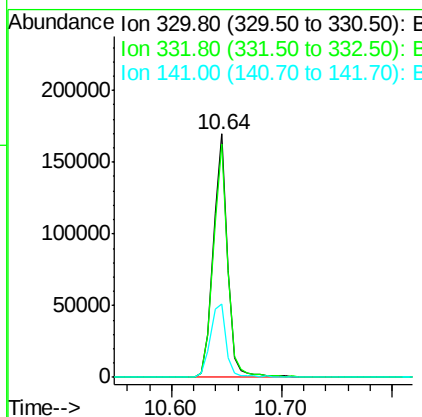
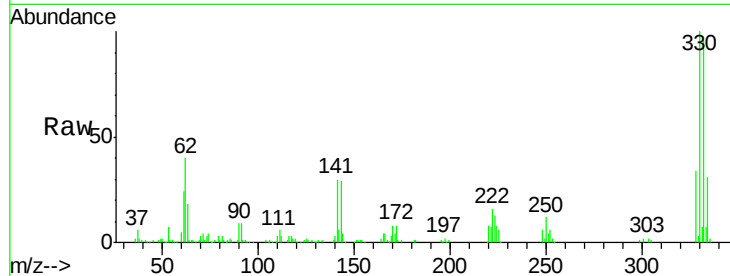
#41
 2,4,6-Tribromophenol
 Concen: 82.096 ng
 RT: 10.64 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104766.D
 Acq: 24 Apr 2018 19:41

Instrument :
 BNA_F
 ClientSampled :
 TP-1

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7	77.0	115.6	
141	34.0	29.9	44.9	

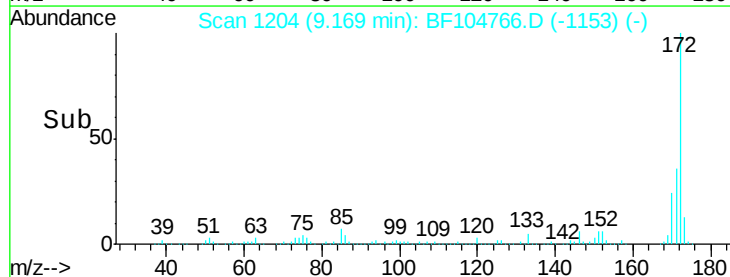
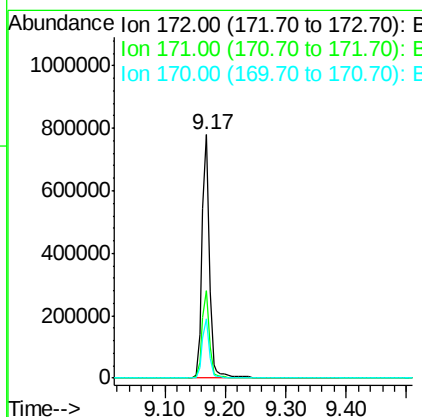
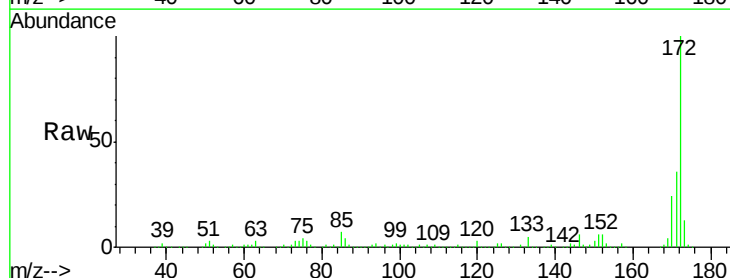
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#44
 2-Fluorobiphenyl
 Concen: 60.859 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104766.D
 Acq: 24 Apr 2018 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.9	29.7	44.5	
170	24.3	19.6	29.4	





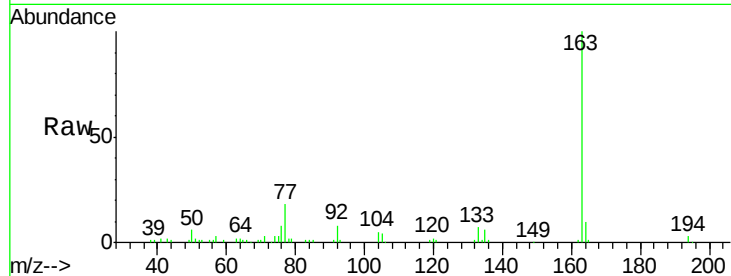
#49
Dimethylphthalate
Concen: 4.726 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104766.D
Acq: 24 Apr 2018 19:41

Instrument :
BNA_F
ClientSampled :
TP-1

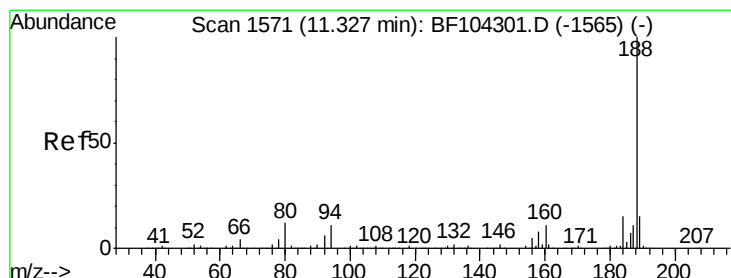
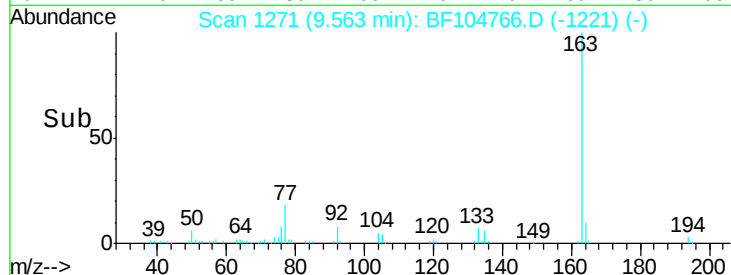
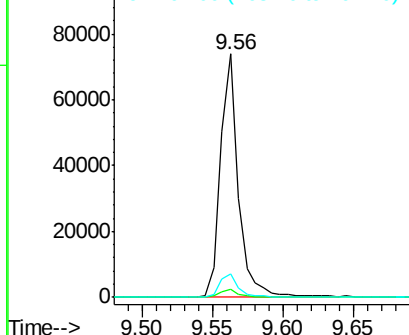
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.6	8.2	12.2

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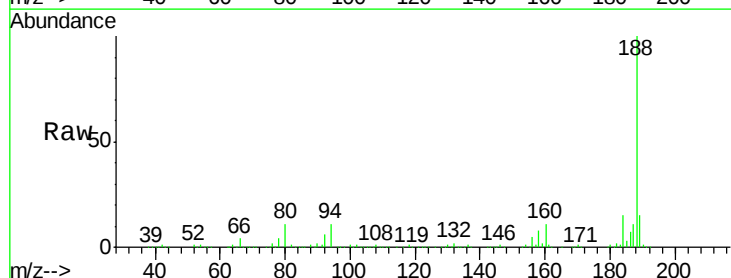


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

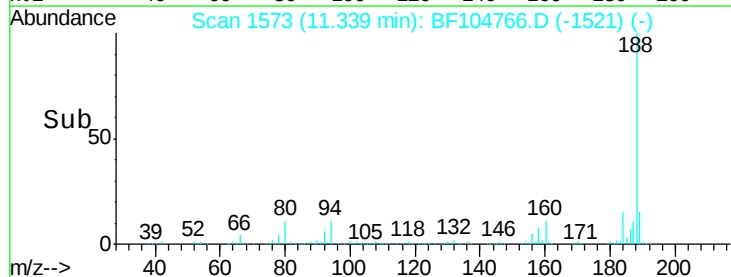
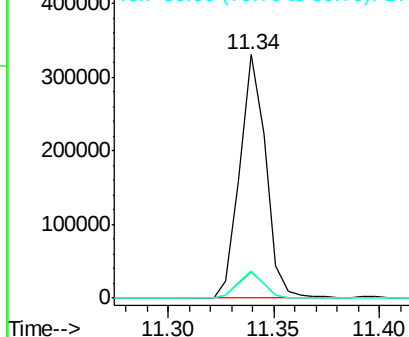


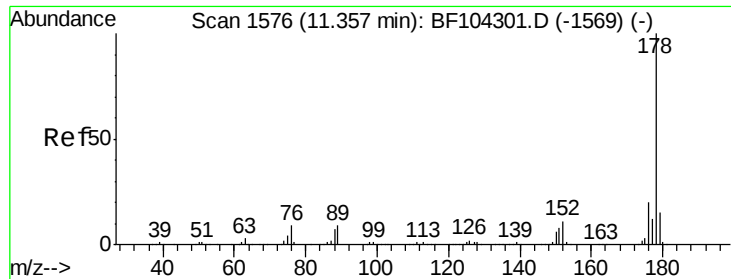
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104766.D
Acq: 24 Apr 2018 19:41

Tgt 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





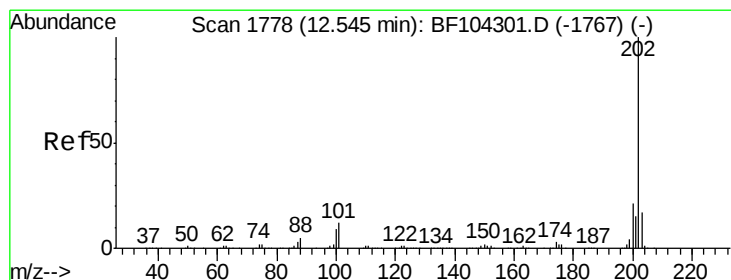
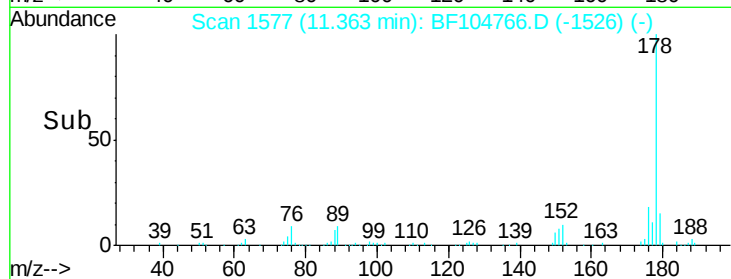
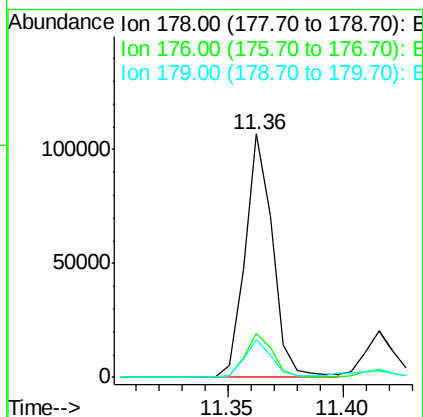
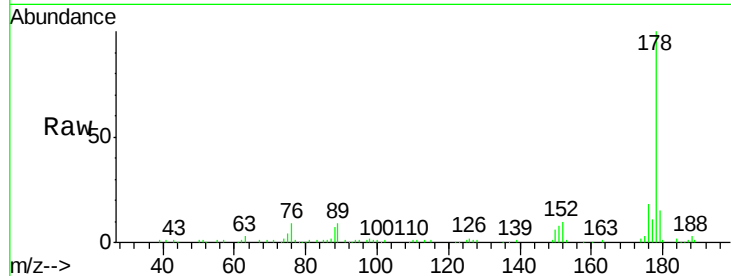
#70
Phenanthrene
Concen: 5.678 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF104766.D
Acq: 24 Apr 2018 19:41

Instrument :
BNA_F
ClientSampled :
TP-1

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.8
179	15.5	13.0	19.6

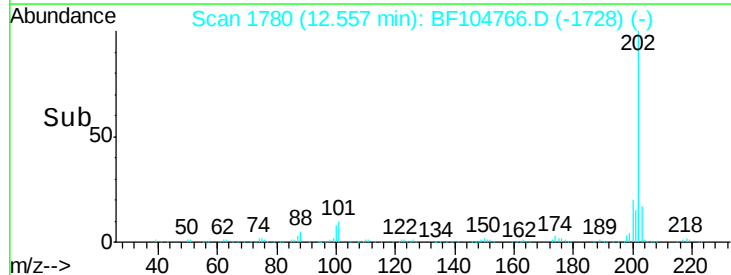
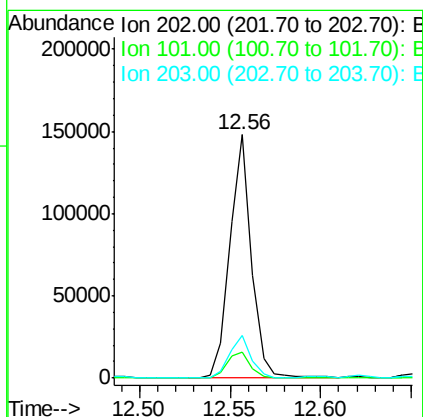
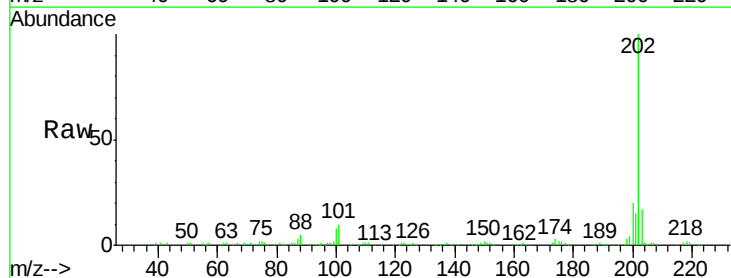
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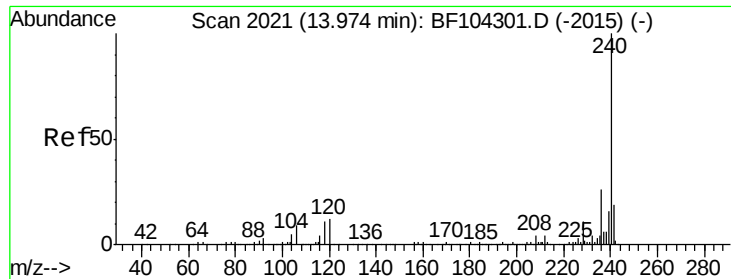
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#74
Fluoranthene
Concen: 7.565 ng
RT: 12.56 min Scan# 1780
Delta R.T. 0.01 min
Lab File: BF104766.D
Acq: 24 Apr 2018 19:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	34.1
203	17.4	0.0	38.1





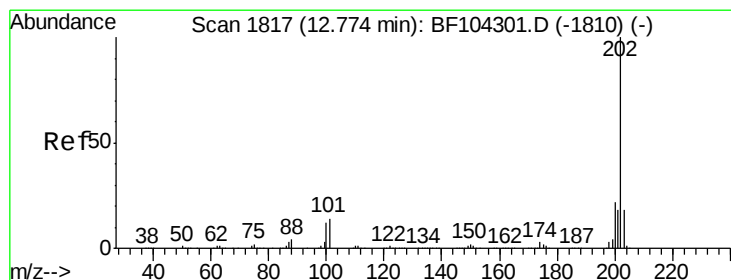
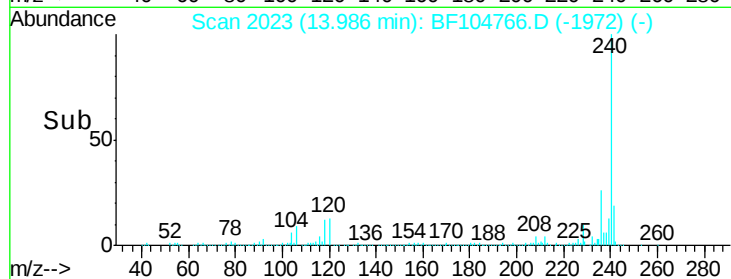
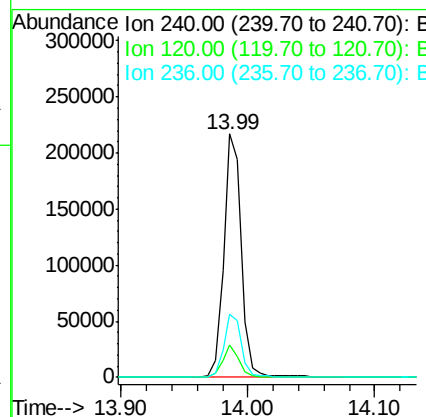
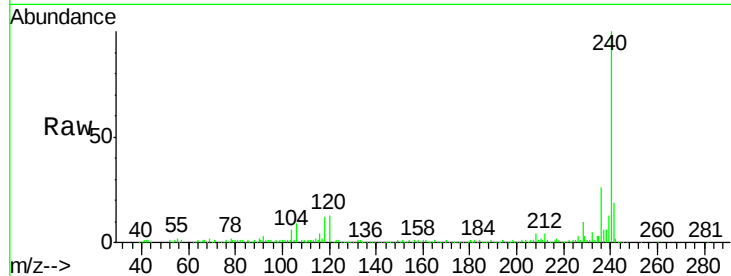
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF104766.D
Acq: 24 Apr 2018 19:41

Instrument :
BNA_F
ClientSampled :
TP-1

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.5	14.3
236	25.8	20.7	31.1

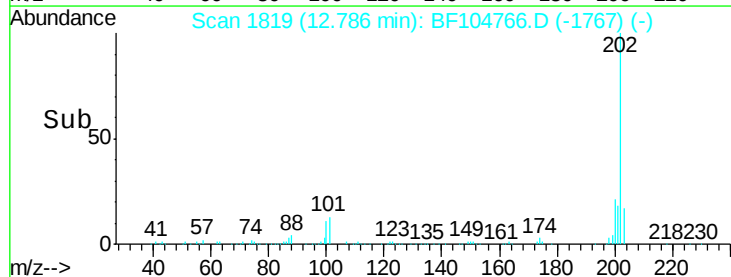
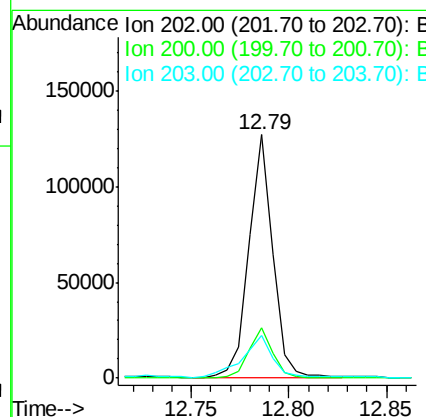
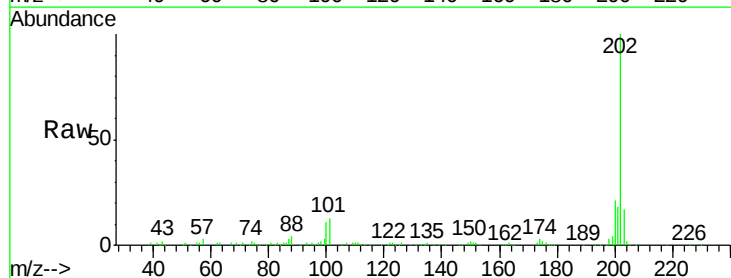
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#77
Pyrene
Concen: 6.994 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BF104766.D
Acq: 24 Apr 2018 19:41

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.5	14.3	21.5





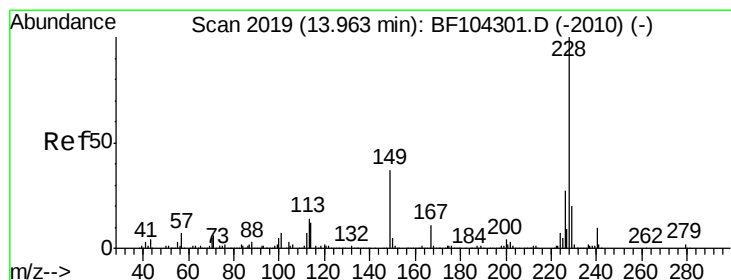
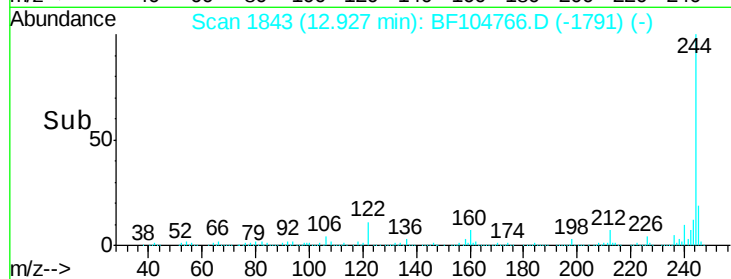
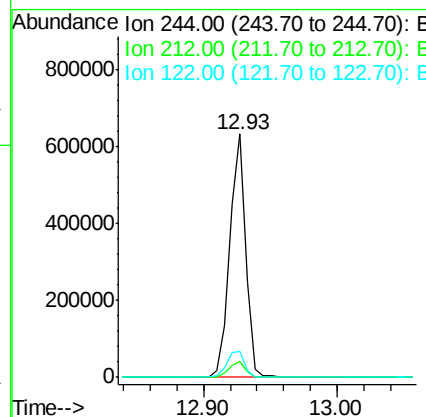
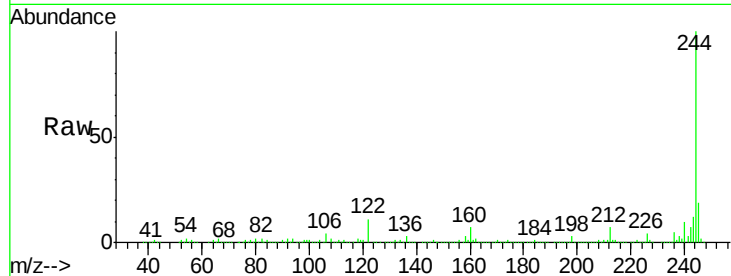
#78
 Terphenyl-d14
 Concen: 58.218 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF104766.D
 Acq: 24 Apr 2018 19:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.9	11.0	16.4

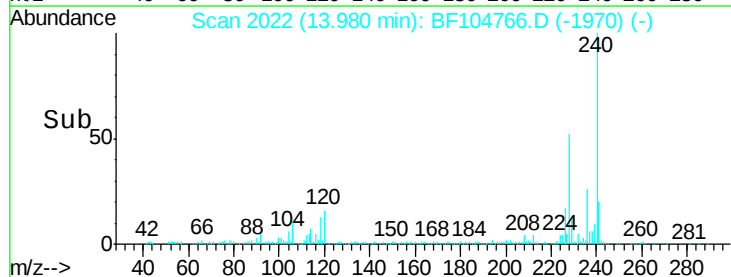
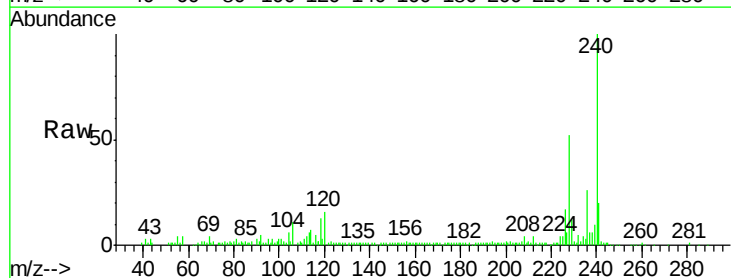
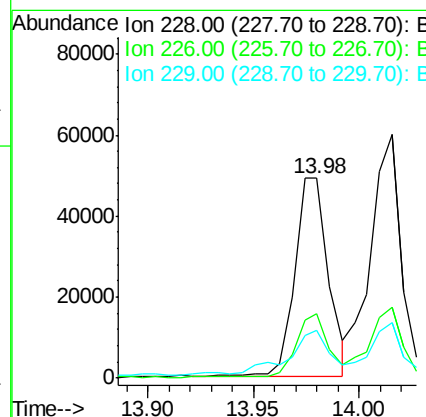
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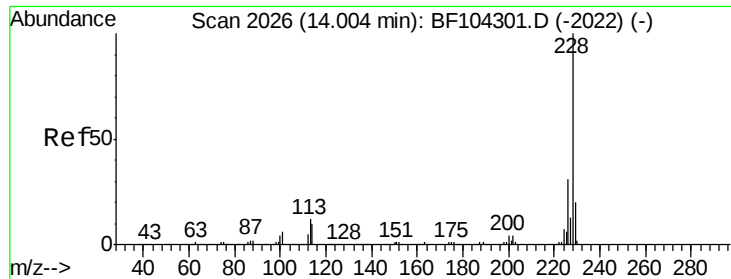
Sohil
 4/25/2018 4:22:58 PM



#80
 Benzo(a)anthracene
 Concen: 4.299 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF104766.D
 Acq: 24 Apr 2018 19:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	22.6	33.8
229	23.6	15.8	23.6





#82

Chrysene

Concen: 4.793 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF104766.D

Acq: 24 Apr 2018 19:41

Instrument :

BNA_F

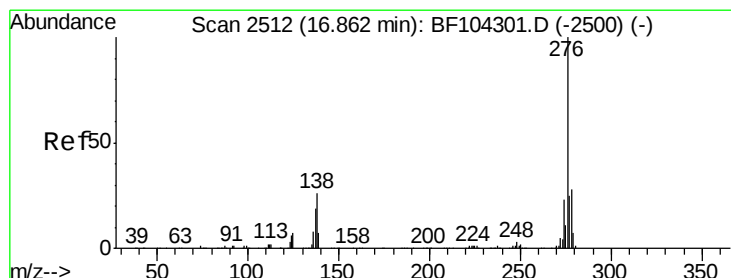
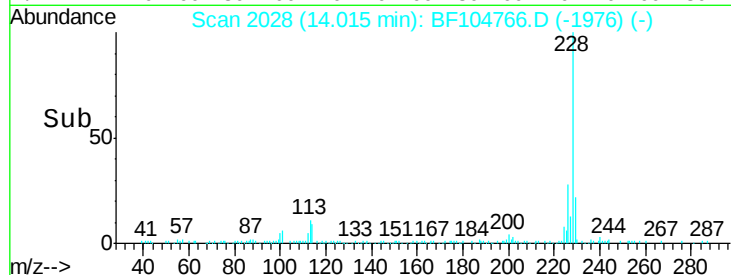
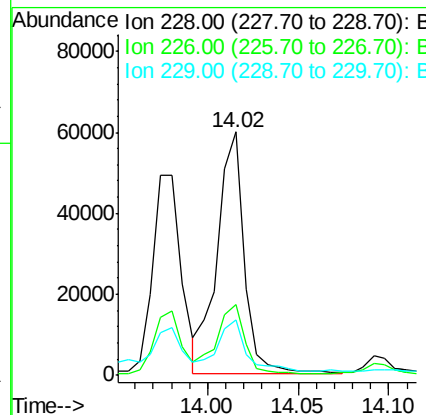
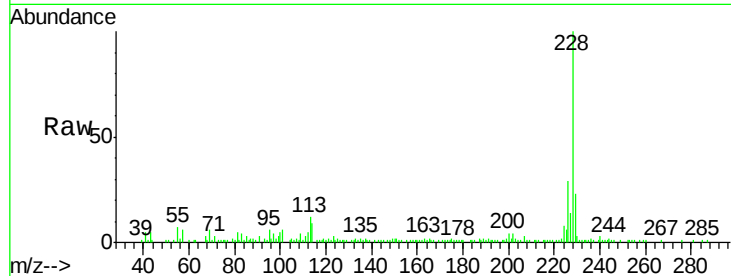
ClientSampled :

TP-1

Tot Ion:228	Resp:	62075
Ion Ratio	Lower	Upper
228 100		
226 29.0	25.0	37.6
229 23.0	16.2	24.4

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#85

Indeno(1,2,3-cd)pyrene

Concen: 2.378 ng

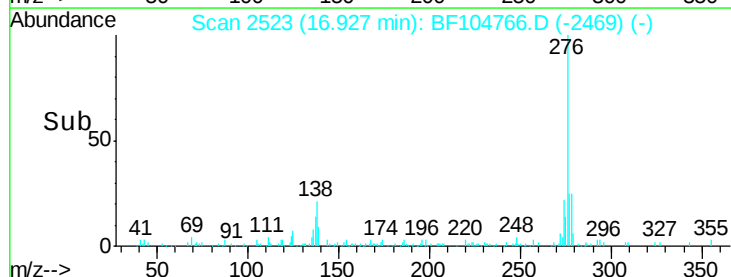
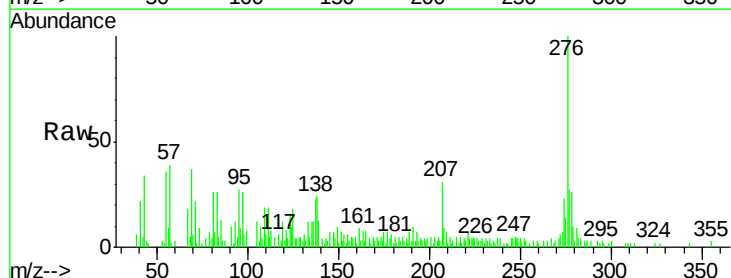
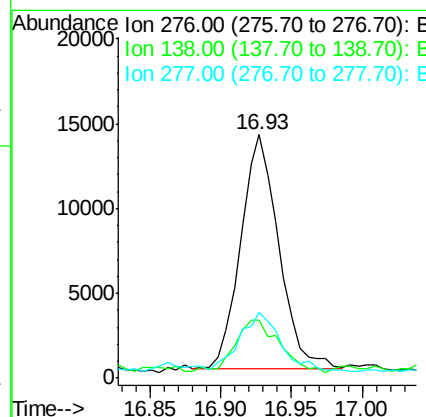
RT: 16.93 min Scan# 2523

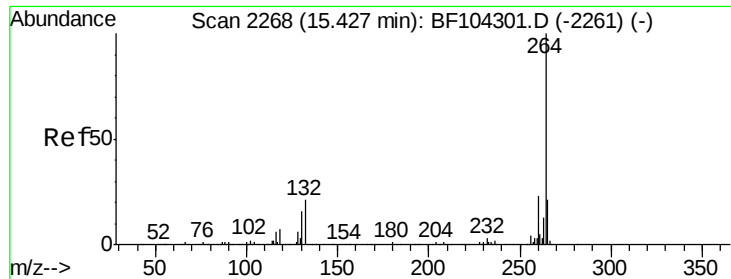
Delta R.T. 0.02 min

Lab File: BF104766.D

Acq: 24 Apr 2018 19:41

Tgt Ion:276	Resp:	26162
Ion Ratio	Lower	Upper
276 100		
138 26.9	25.0	37.6
277 27.3	20.1	30.1





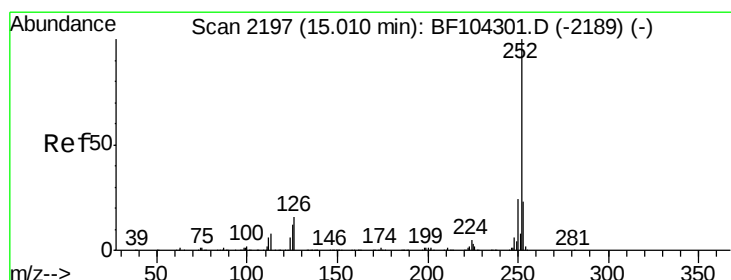
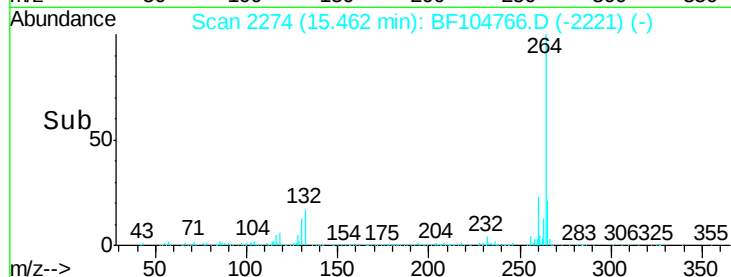
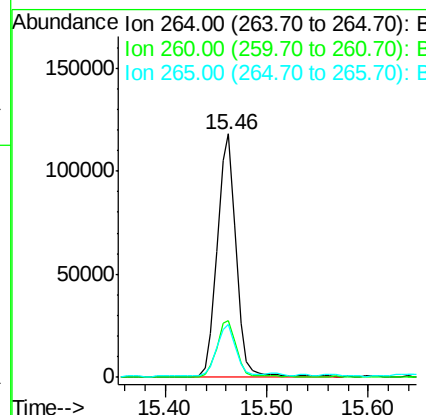
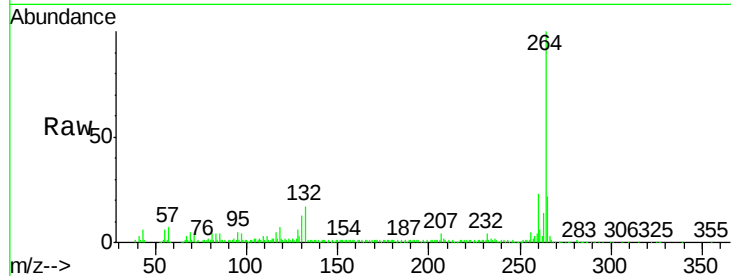
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF104766.D
Acq: 24 Apr 2018 19:41

Instrument :
BNA_F
ClientSampleId :
TP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.8	17.5	26.3

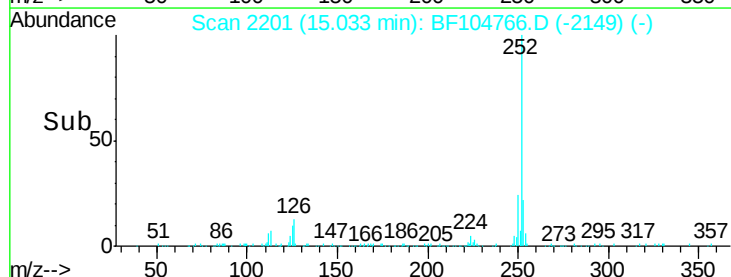
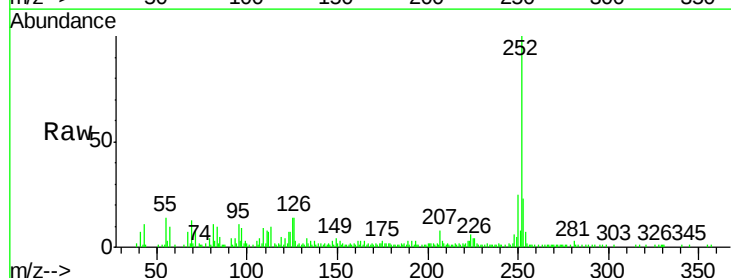
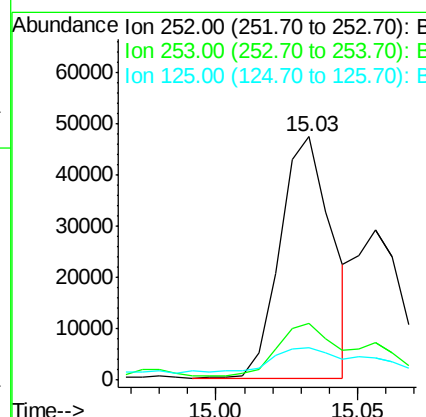
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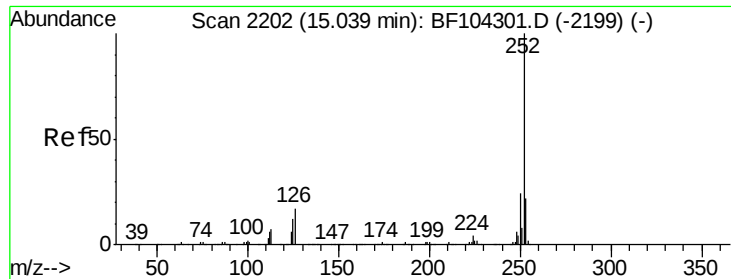
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#87
Benzo(b)fluoranthene
Concen: 6.196 ng m
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF104766.D
Acq: 24 Apr 2018 19:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.6
125	13.5	9.0	13.6





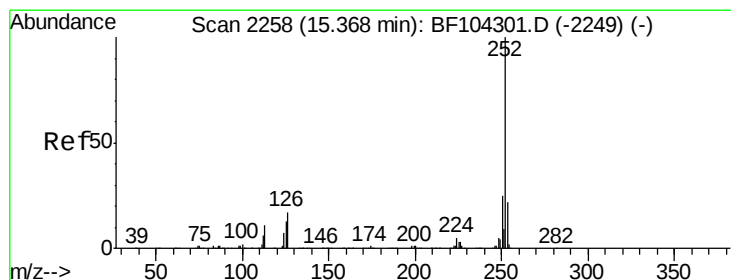
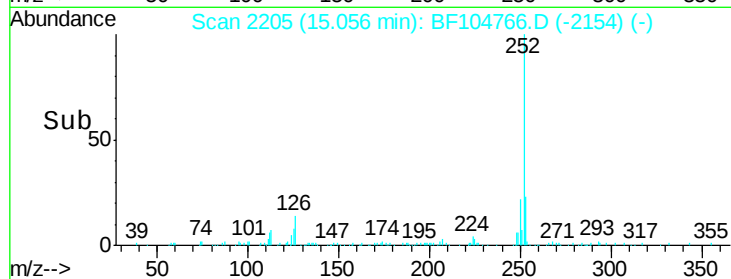
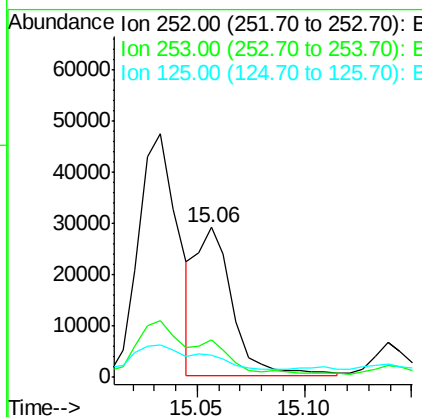
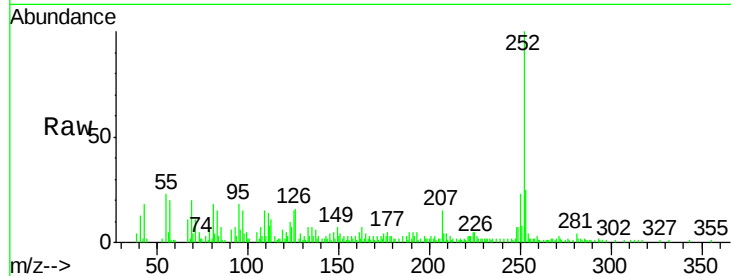
#88
Benzo(k)fluoranthene
Concen: 3.736 ng m
RT: 15.06 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BF104766.D
Acq: 24 Apr 2018 19:41

Instrument :
BNA_F
ClientSampled :
TP-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.9	26.9
125	14.9	10.2	15.2

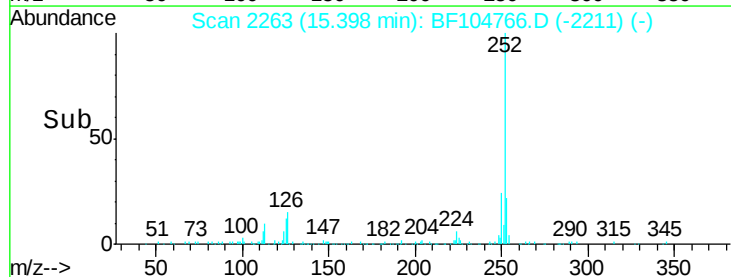
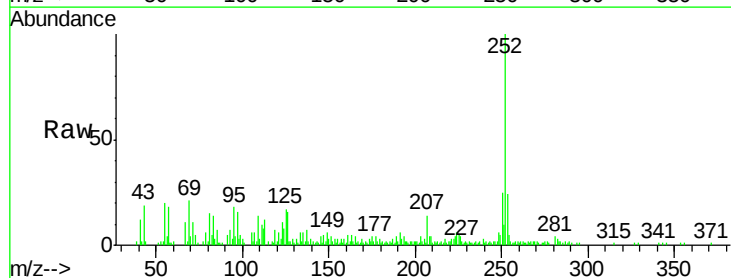
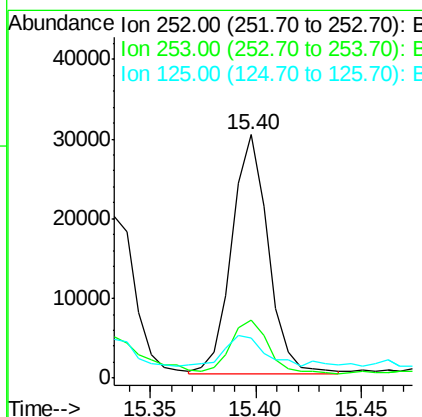
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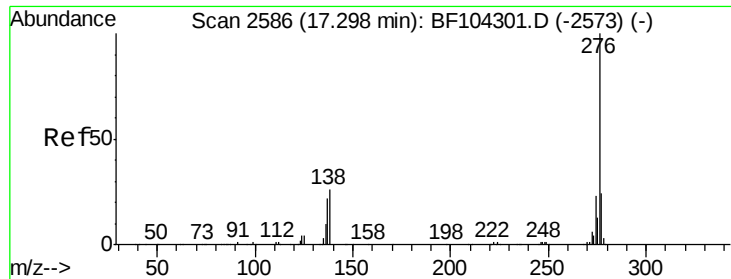
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#89
Benzo(a)pyrene
Concen: 4.137 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF104766.D
Acq: 24 Apr 2018 19:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	16.6	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 4.003 ng
 RT: 17.37 min Scan# 2599
 Delta R.T. 0.02 min
 Lab File: BF104766.D
 Acq: 24 Apr 2018 19:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.2	17.9	26.9
138	23.9	21.8	32.8

Manual Integrations
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