

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
 Data File : BF104769.D
 Acq On : 24 Apr 2018 21:01
 Operator : JU/SJ
 Sample : J2508-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Manual Integrations
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Quant Time: Apr 24 23:19:36 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	105424	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	430619	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	185927	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	292305	20.00	ng	0.00
75) Chrysene-d12	13.99	240	225614	20.00	ng	0.00
86) Perylene-d12	15.46	264	157818	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	672517	97.54	ng	0.02
7) Phenol-d6	6.46	99	835971	98.68	ng	0.01
23) Nitrobenzene-d5	7.37	82	528674	80.17	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	186638	96.77	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	956535	81.27	ng	0.00
78) Terphenyl-d14	12.93	244	748156	75.60	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	86181	5.878	ng	100
70) Phenanthrene	11.36	178	103851	6.380	ng	96
74) Fluoranthene	12.56	202	195780	11.511	ng	97
77) Pyrene	12.79	202	187191	11.193	ng	99
80) Benzo(a)anthracene	13.98	228	95038	7.051	ng	96
82) Chrysene	14.02	228	105188	7.598	ng	98
85) Indeno(1,2,3-cd)pyrene	16.93	276	41028	3.489	ng	# 92
87) Benzo(b)fluoranthene	15.03	252	103255m	10.359	ng	
88) Benzo(k)fluoranthene	15.06	252	43866m	4.662	ng	
89) Benzo(a)pyrene	15.40	252	59847	6.710	ng	# 94
91) Benzo(g,h,i)perylene	17.38	276	44815	6.315	ng	95

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

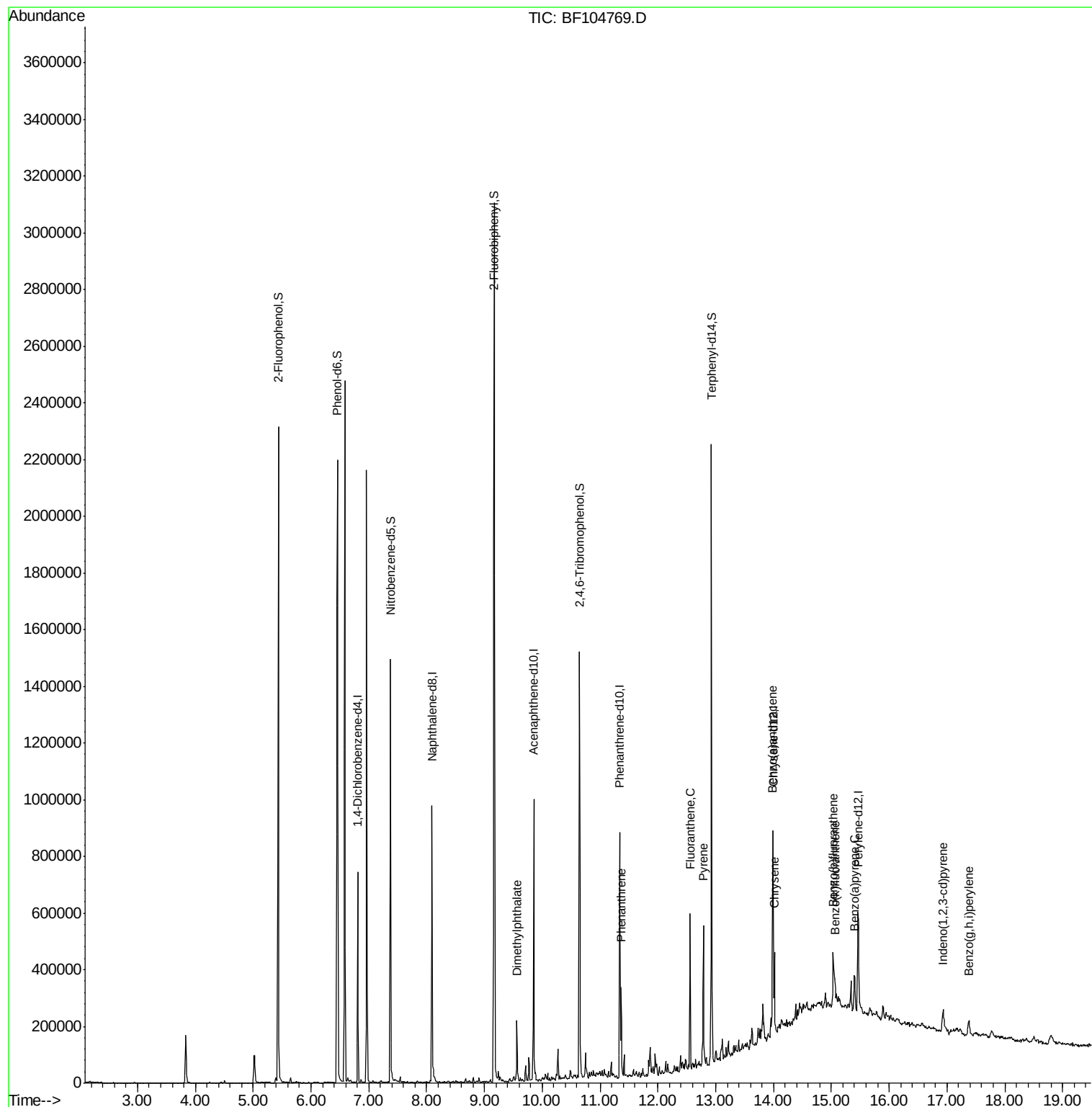
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
Data File : BF104769.D
Acq On : 24 Apr 2018 21:01
Operator : JU/SJ
Sample : J2508-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

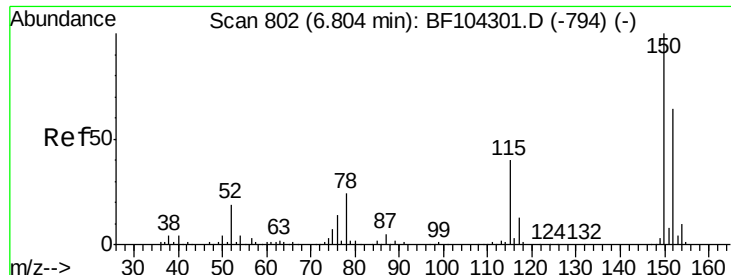
Instrument :
BNA_F
ClientSampleId :
TP-4

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Quant Time: Apr 24 23:19:36 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

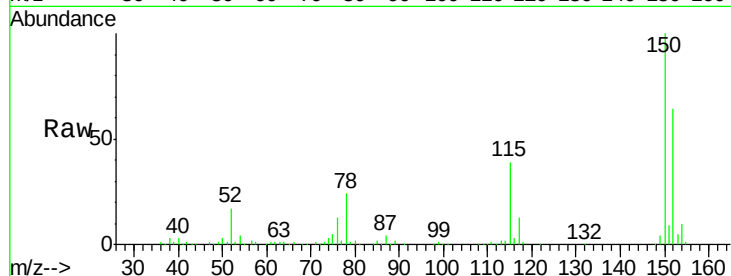
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104769.D
Acq: 24 Apr 2018 21:01

Instrument :
BNA_F
ClientSampled :
TP-4

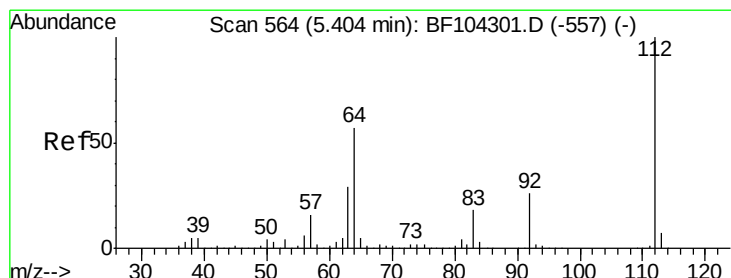
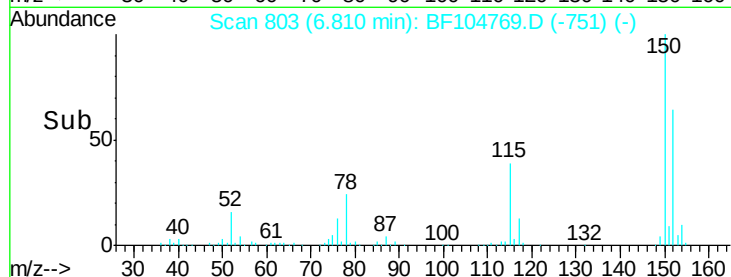
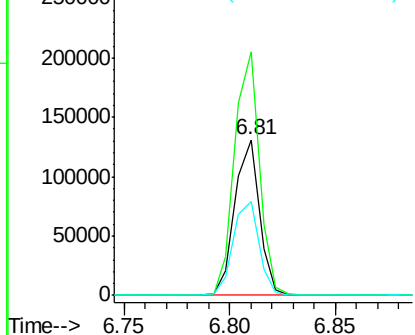
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	60.7	50.1	75.1

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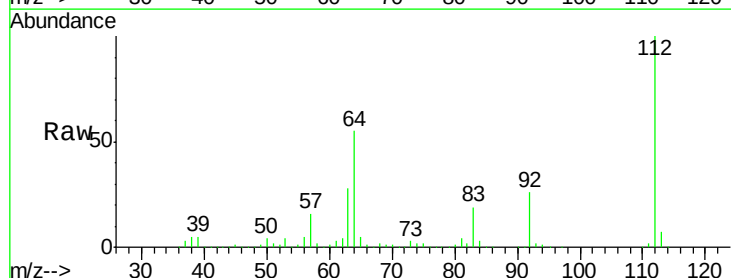
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



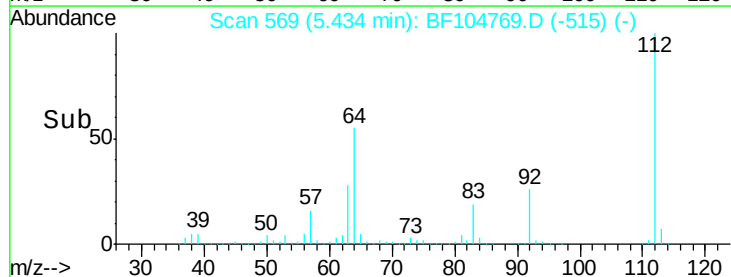
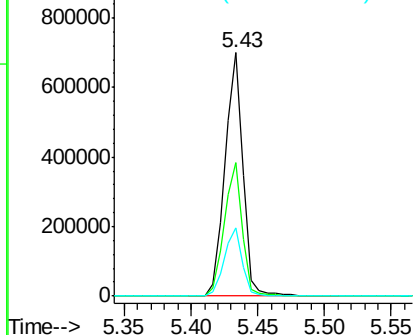
#5

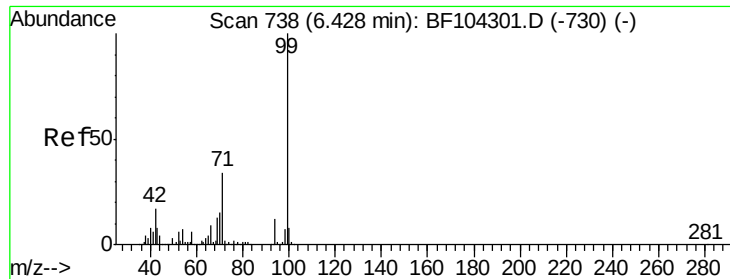
2-Fluorophenol
Concen: 97.541 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF104769.D
Acq: 24 Apr 2018 21:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	47.9	71.9
63	28.0	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: 98.682 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104769.D

Acq: 24 Apr 2018 21:01

Instrument :

BNA_F

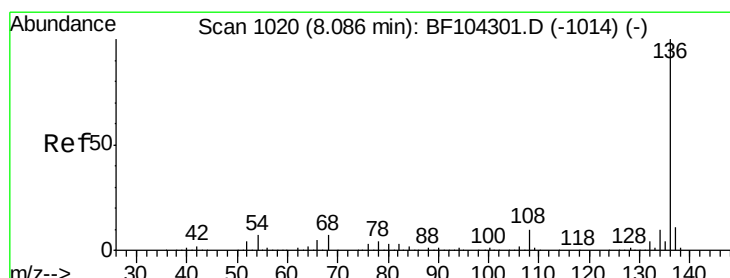
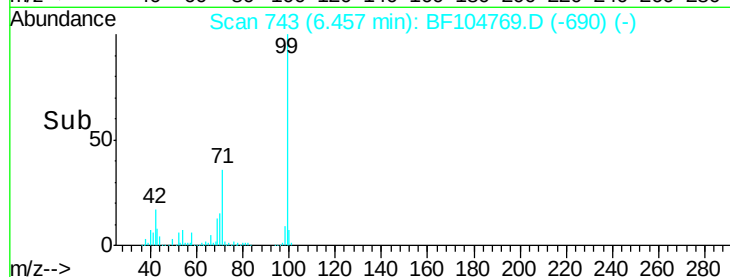
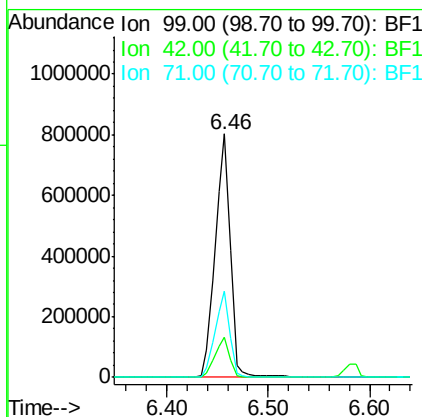
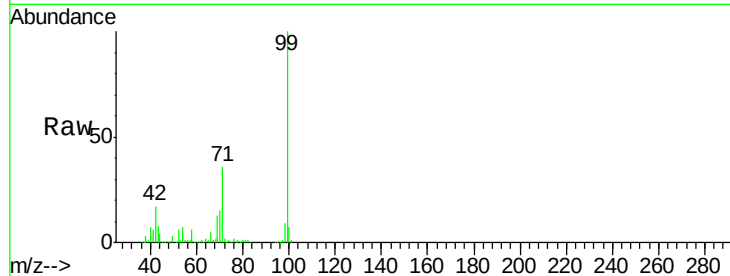
ClientSampled :

TP-4

Tot Ion:	99	Resp:	835971
Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.5	21.7
71	35.6	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

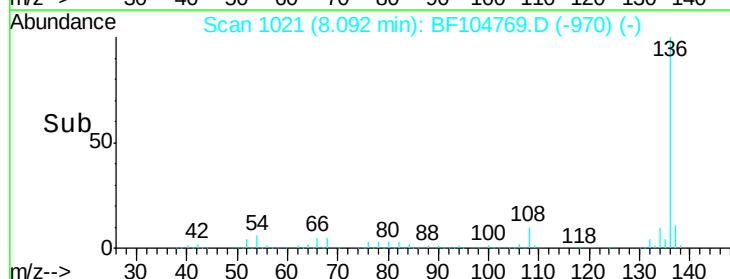
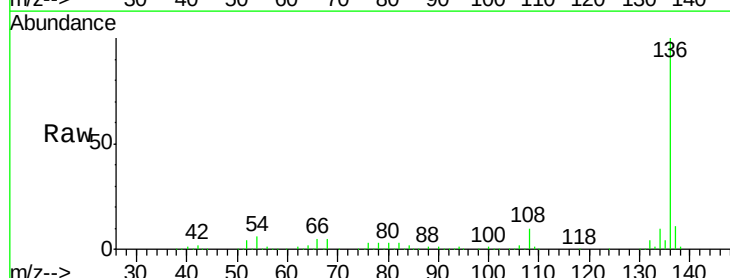
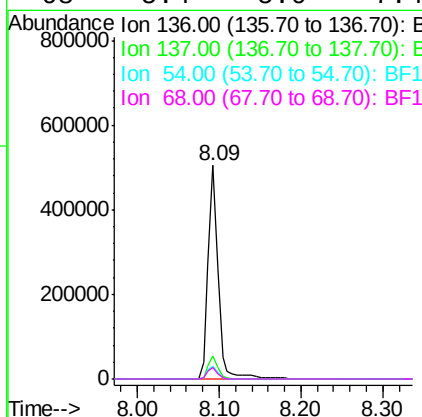
RT: 8.09 min Scan# 1021

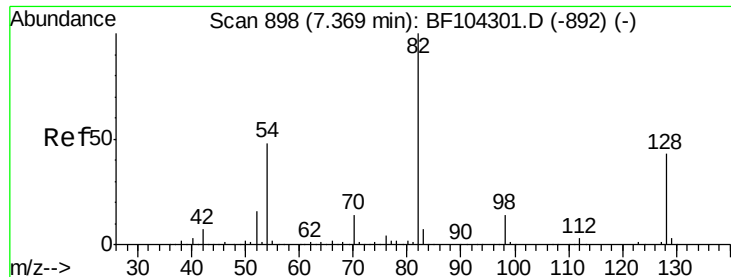
Delta R.T. -0.00 min

Lab File: BF104769.D

Acq: 24 Apr 2018 21:01

Tgt Ion:	136	Resp:	430619
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.3	6.6	9.8#
68	5.4	5.0	7.4





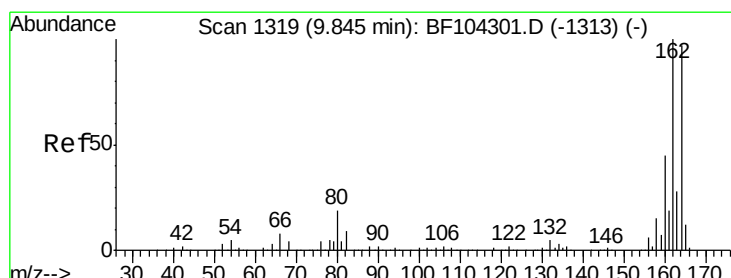
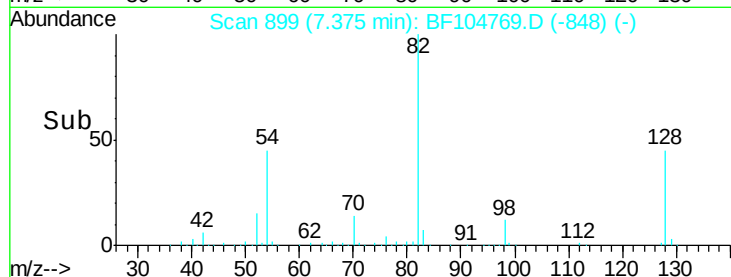
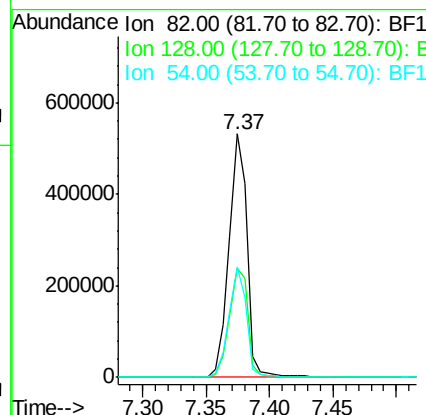
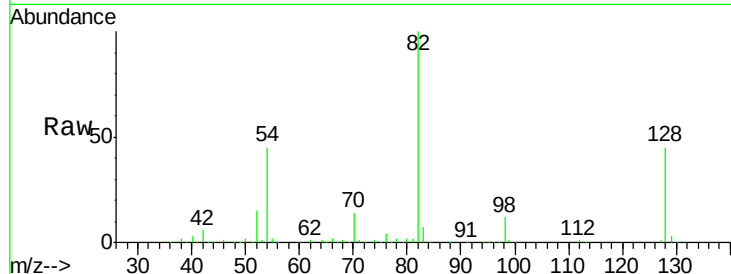
#23
 Nitrobenzene-d5
 Concen: 80.167 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BF104769.D
 Acq: 24 Apr 2018 21:01

Instrument :
 BNA_F
 ClientSampled :
 TP-4

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	45.3	41.4	62.2

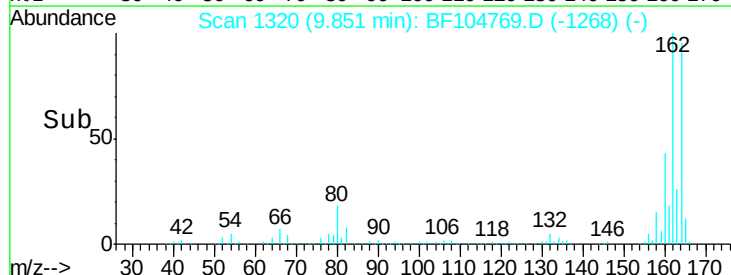
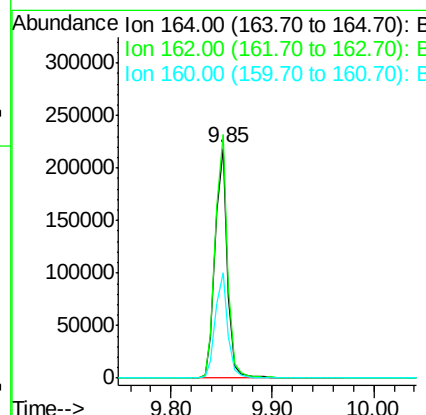
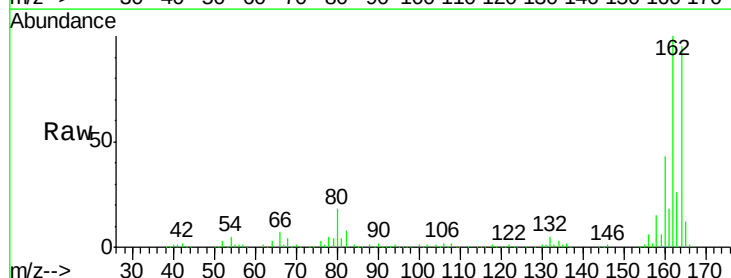
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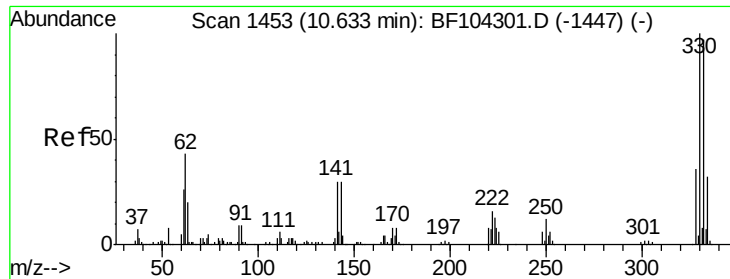
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF104769.D
 Acq: 24 Apr 2018 21:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	86.1	129.1
160	45.9	38.3	57.5





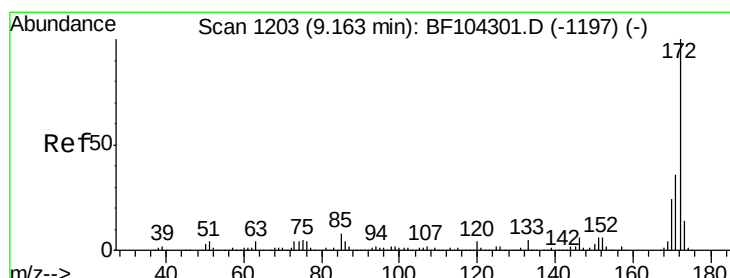
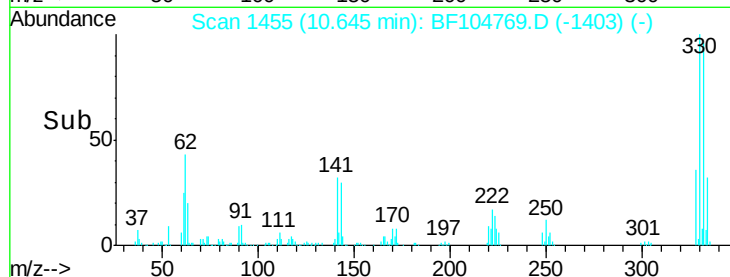
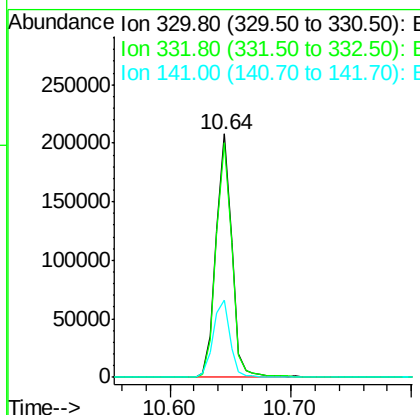
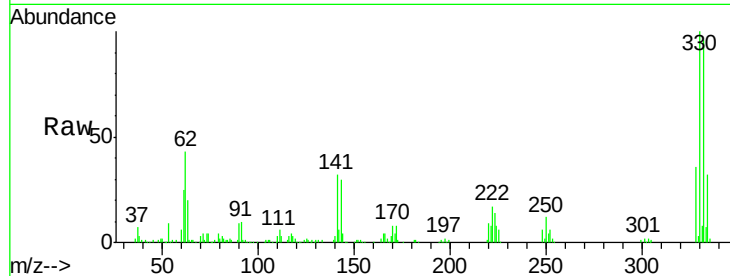
#41
 2,4,6-Tribromophenol
 Concen: 96.770 ng
 RT: 10.64 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104769.D
 Acq: 24 Apr 2018 21:01

Instrument :
 BNA_F
 ClientSampled :
 TP-4

Tot Ion	Ratio	Resp	Lower	Upper
330	100	186638		
332	96.9	77.0	115.6	
141	33.4	29.9	44.9	

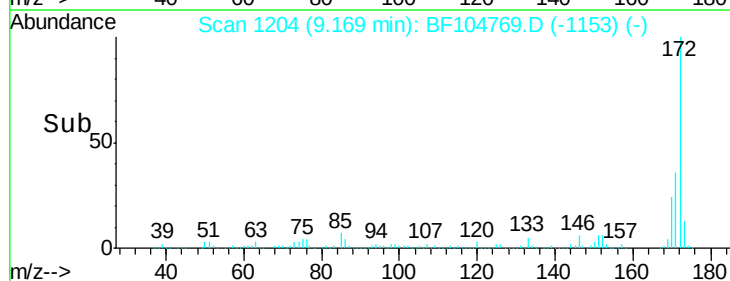
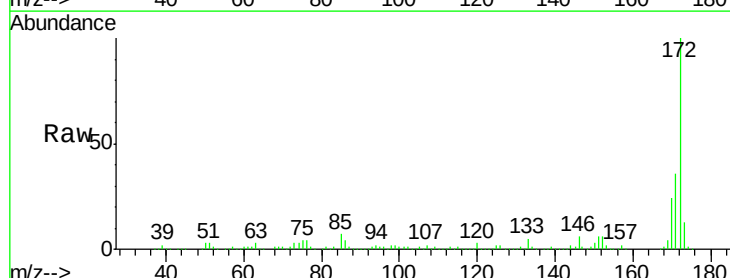
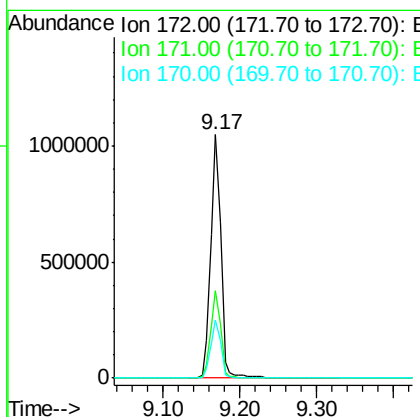
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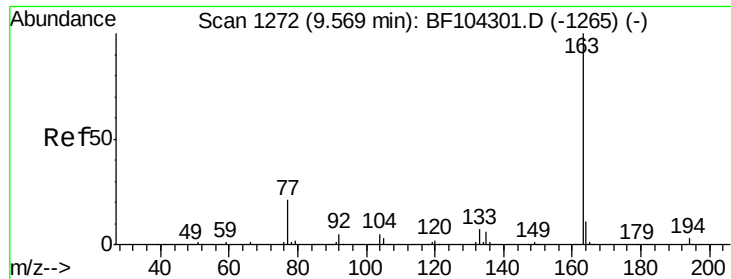
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#44
 2-Fluorobiphenyl
 Concen: 81.273 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104769.D
 Acq: 24 Apr 2018 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	956535		
171	36.1	29.7	44.5	
170	24.1	19.6	29.4	





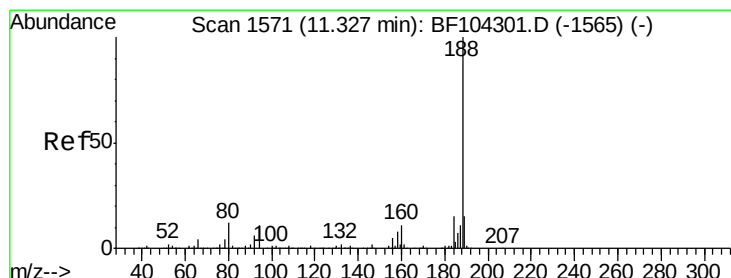
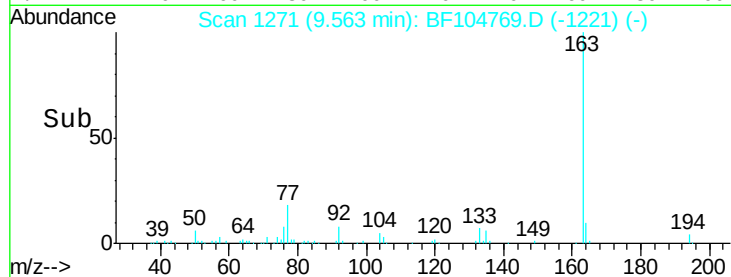
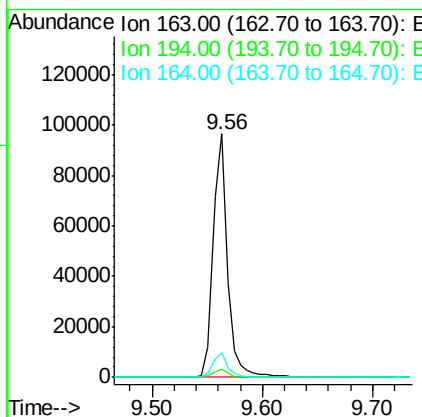
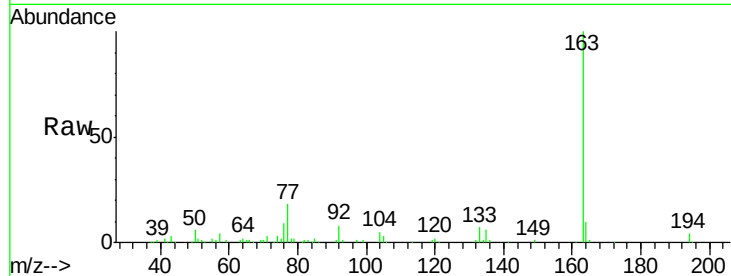
#49
Dimethylphthalate
Concen: 5.878 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104769.D
Acq: 24 Apr 2018 21:01

Instrument :
BNA_F
ClientSampleId :
TP-4

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	3.6		2.7	4.1	
164	10.1		8.2	12.2	

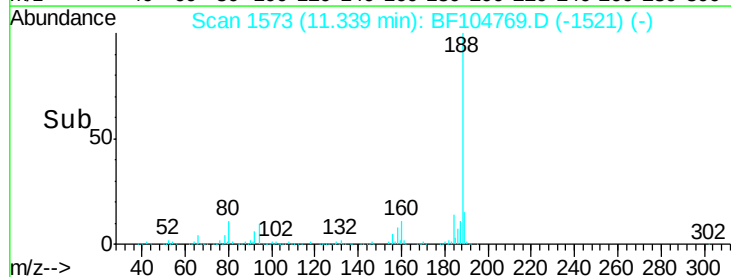
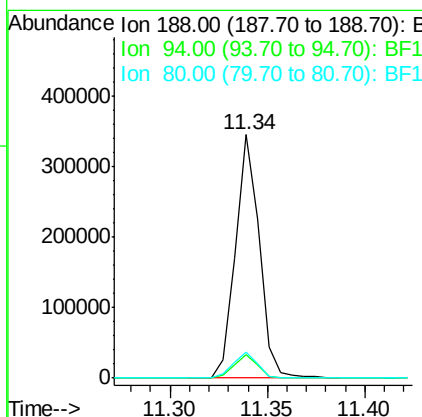
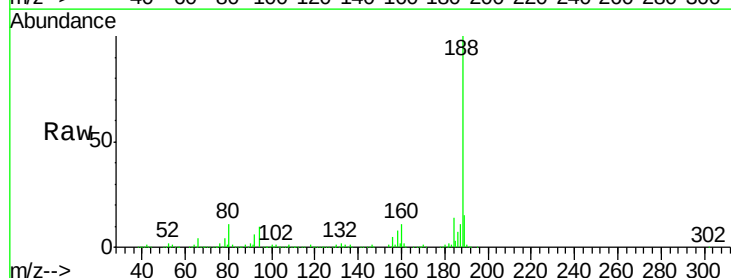
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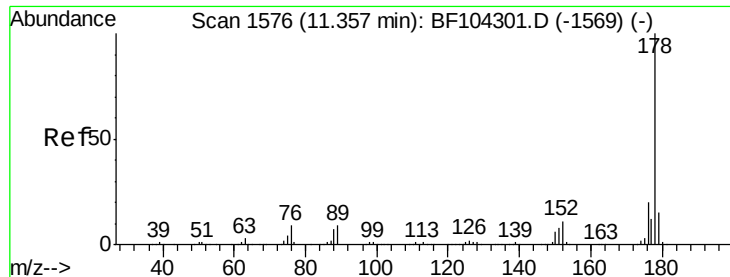
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104769.D
Acq: 24 Apr 2018 21:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.6		8.5	12.7	
80	10.6		9.2	13.8	





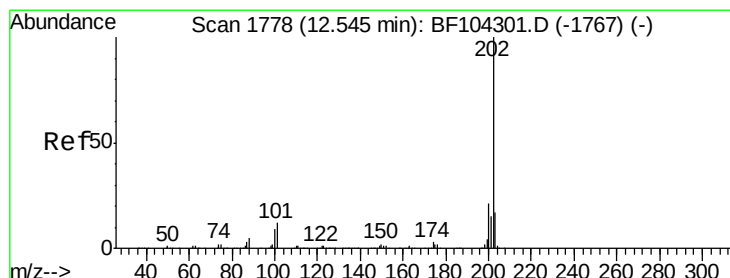
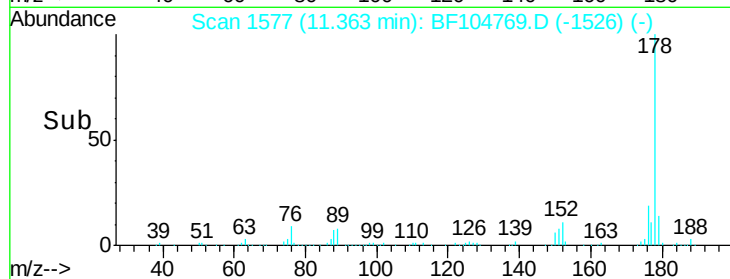
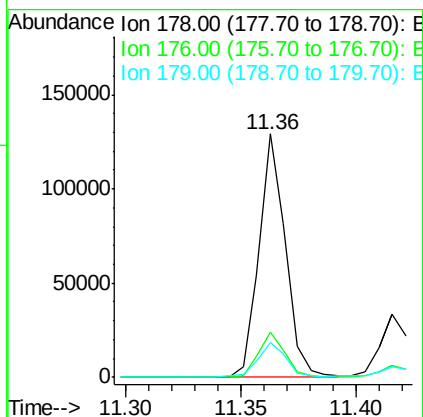
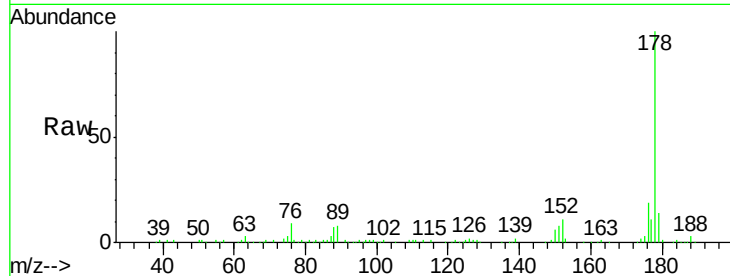
#70
Phenanthrene
Concen: 6.380 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF104769.D
Acq: 24 Apr 2018 21:01

Instrument :
BNA_F
ClientSampleId :
TP-4

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	14.4	13.0	19.6

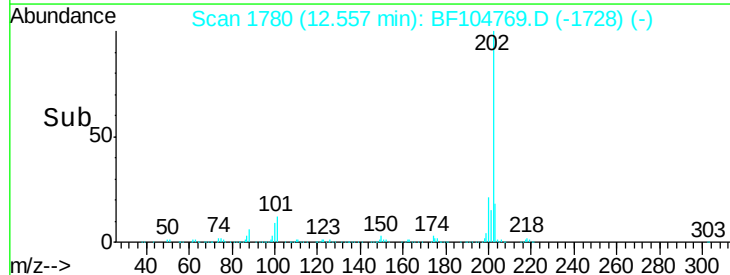
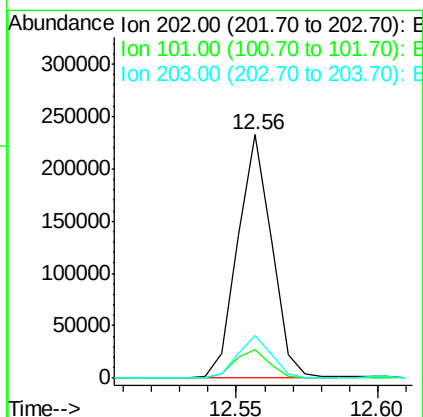
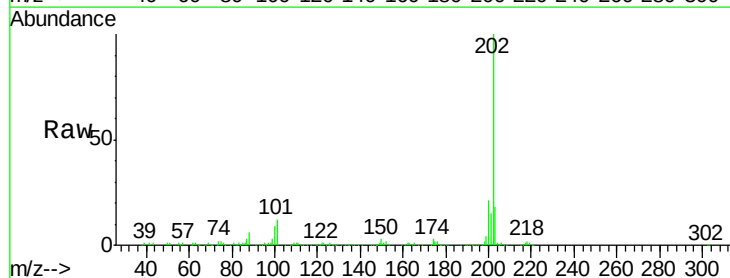
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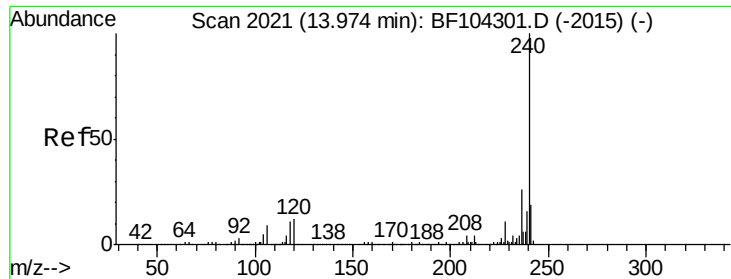
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#74
Fluoranthene
Concen: 11.511 ng
RT: 12.56 min Scan# 1780
Delta R.T. 0.01 min
Lab File: BF104769.D
Acq: 24 Apr 2018 21:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	34.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF104769.D

Acq: 24 Apr 2018 21:01

Instrument :

BNA_F

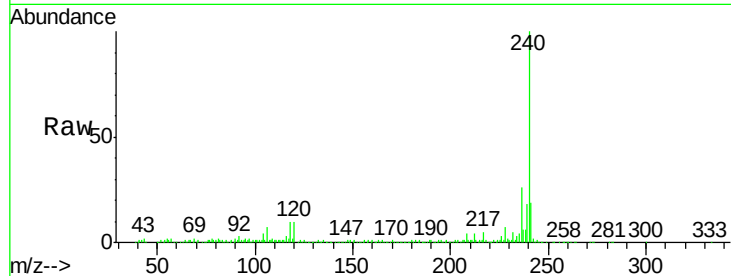
ClientSampleId :

TP-4

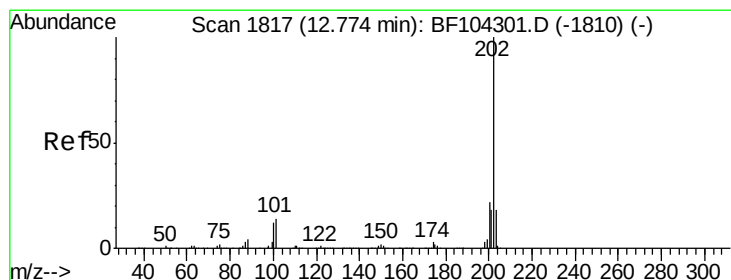
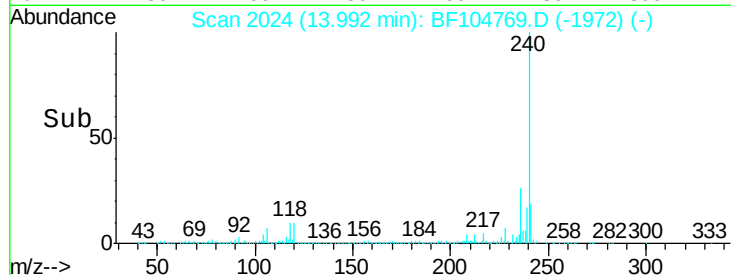
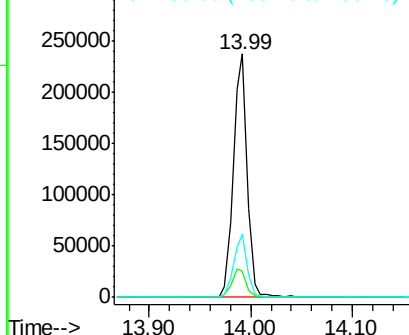
Tot Ion:	240	Resp:	225614
Ion Ratio	Lower	Upper	
240	100		
120	10.5	9.5	14.3
236	25.9	20.7	31.1

Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 11.193 ng

RT: 12.79 min Scan# 1819

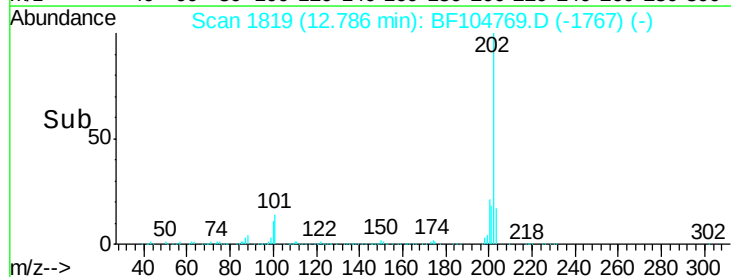
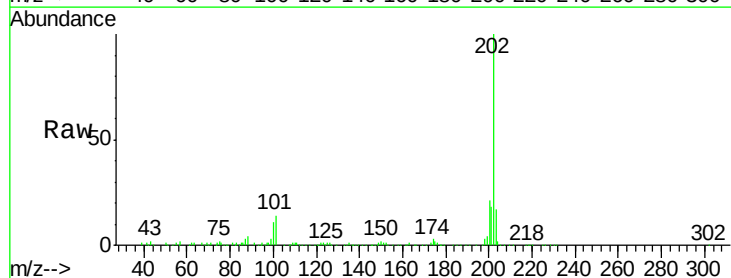
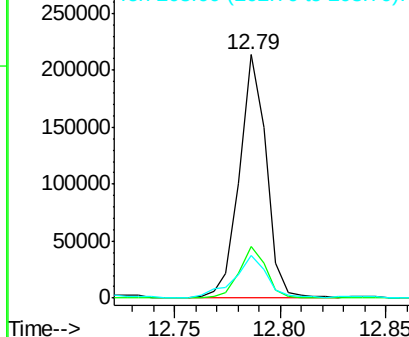
Delta R.T. 0.01 min

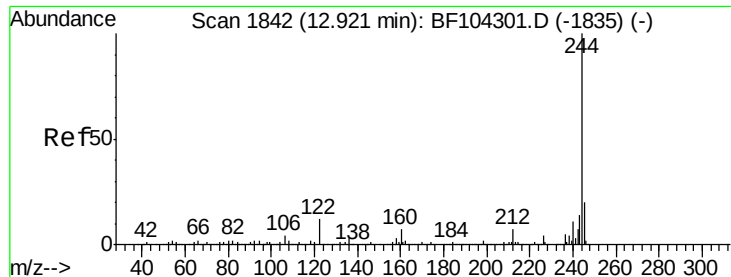
Lab File: BF104769.D

Acq: 24 Apr 2018 21:01

Tgt Ion:	202	Resp:	187191
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.4	26.2
203	17.5	14.3	21.5

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





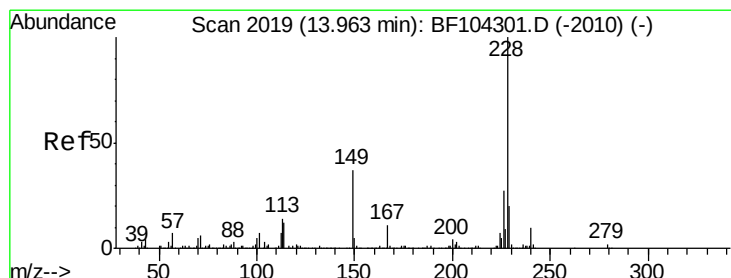
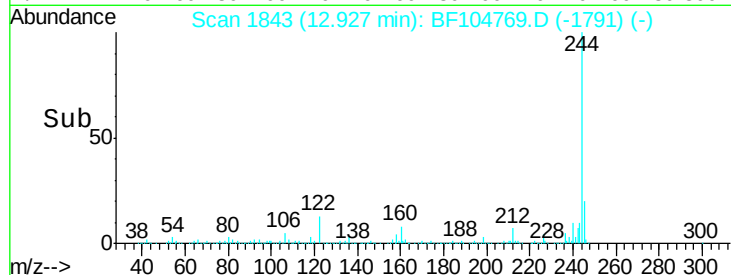
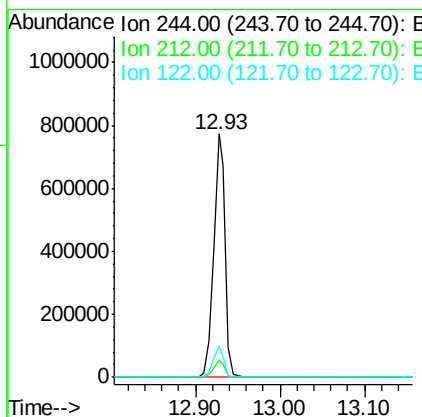
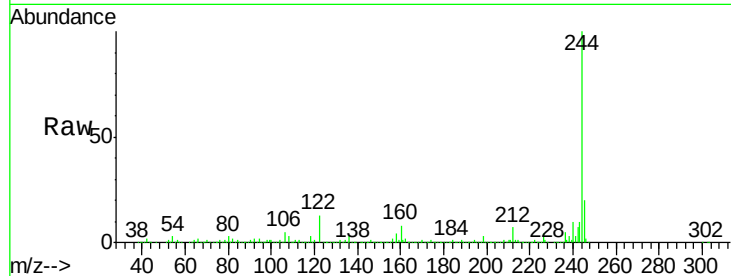
#78
 Terphenyl-d14
 Concen: 75.601 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF104769.D
 Acq: 24 Apr 2018 21:01

Instrument :
 BNA_F
 ClientSampled :
 TP-4

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.0	11.0	16.4

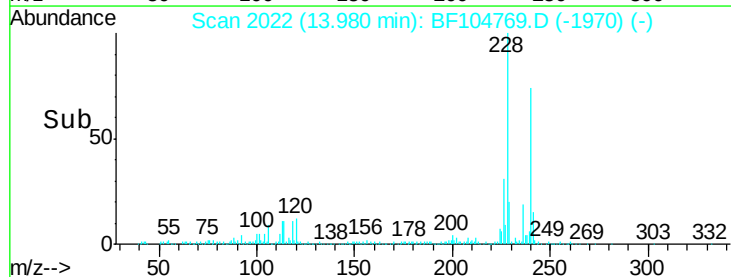
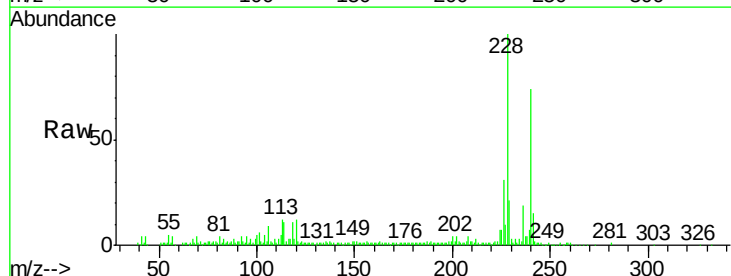
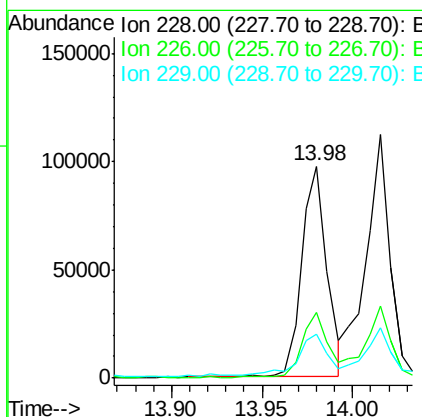
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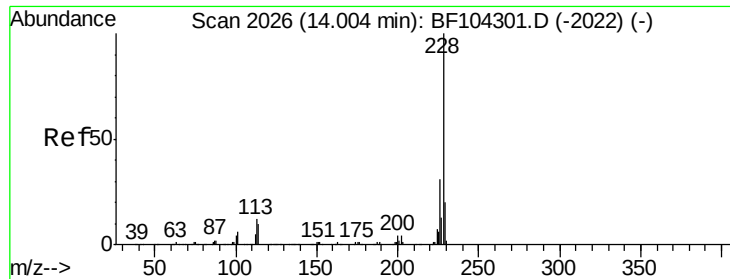
Sohil
 4/25/2018 4:23:05 PM



#80
 Benzo(a)anthracene
 Concen: 7.051 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF104769.D
 Acq: 24 Apr 2018 21:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.6	33.8
229	20.8	15.8	23.6





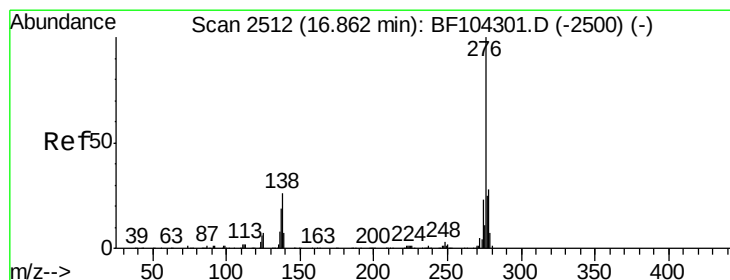
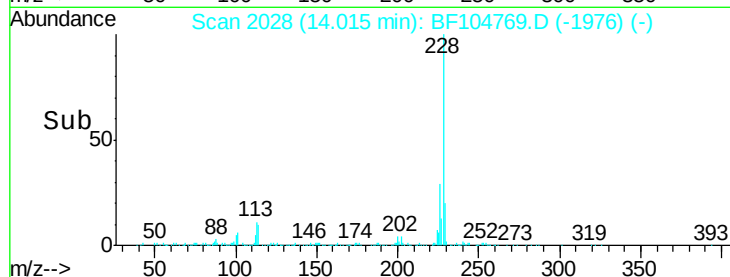
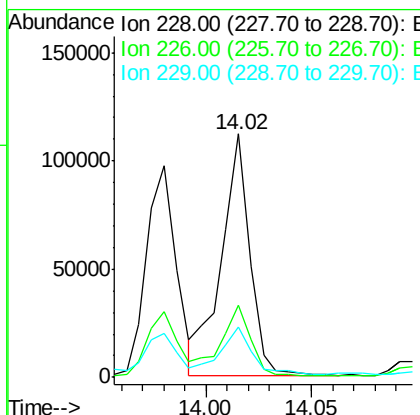
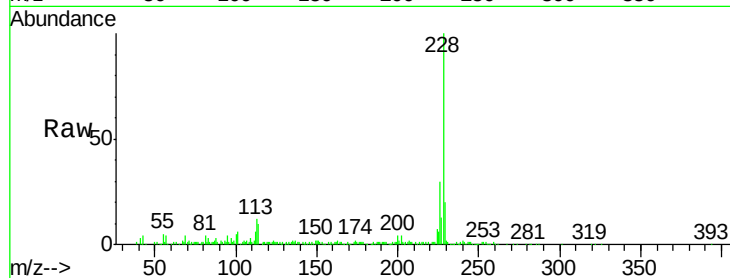
#82
Chrysene
Concen: 7.598 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF104769.D
Acq: 24 Apr 2018 21:01

Instrument :
BNA_F
ClientSampled :
TP-4

Tot Ion:	228	Resp:	105188
Ion Ratio	Lower	Upper	
228	100		
226	29.8	25.0	37.6
229	20.4	16.2	24.4

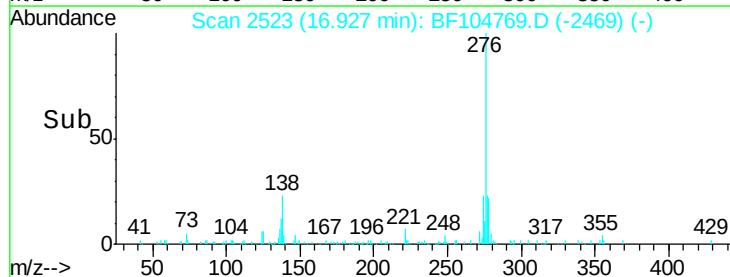
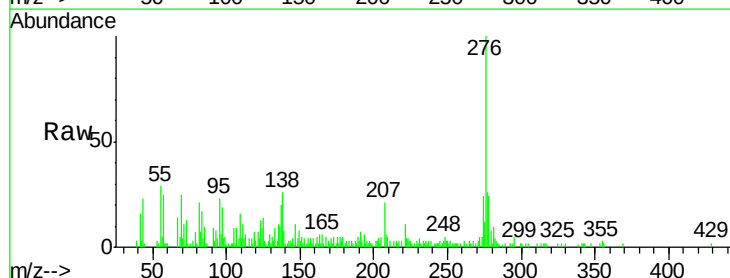
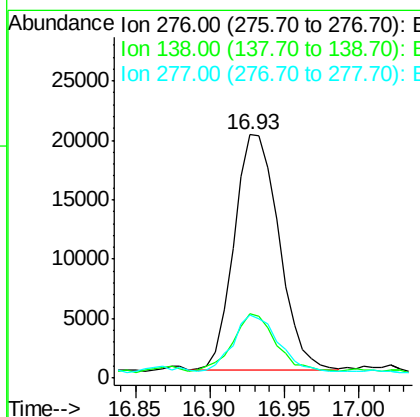
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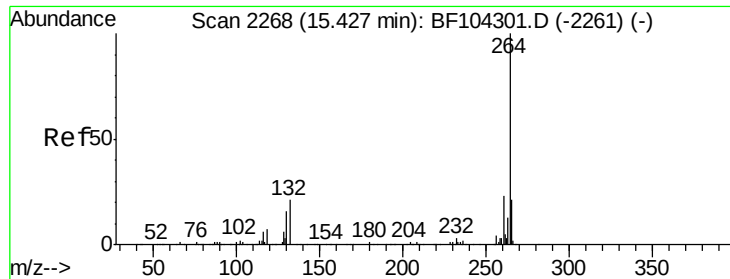
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.489 ng
RT: 16.93 min Scan# 2523
Delta R.T. 0.02 min
Lab File: BF104769.D
Acq: 24 Apr 2018 21:01

Tgt Ion:	276	Resp:	41028
Ion Ratio	Lower	Upper	
276	100		
138	23.6	25.0	37.6#
277	25.0	20.1	30.1





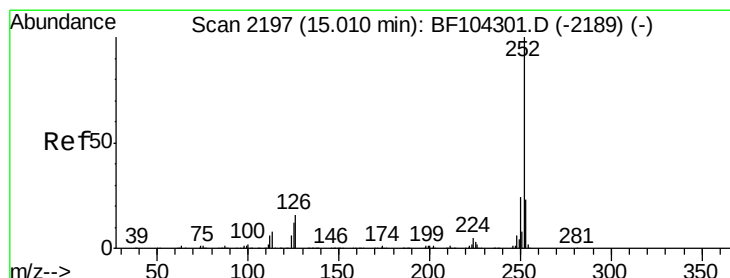
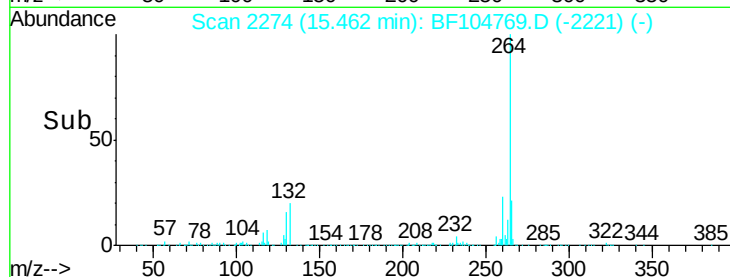
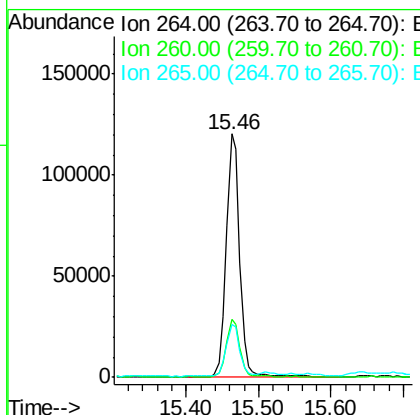
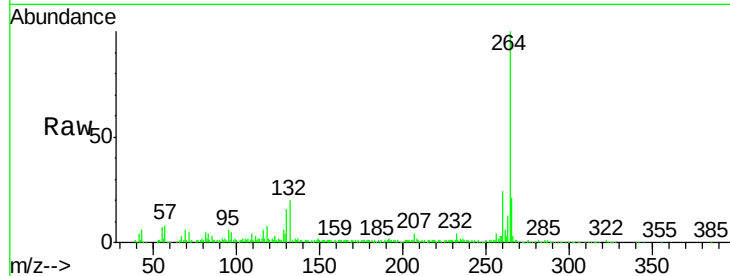
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF104769.D
Acq: 24 Apr 2018 21:01

Instrument :
BNA_F
ClientSampleId :
TP-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.5	17.5	26.3

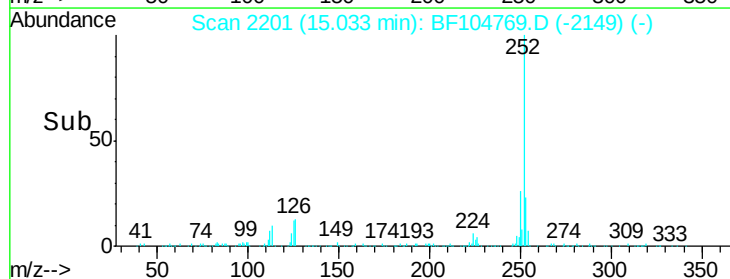
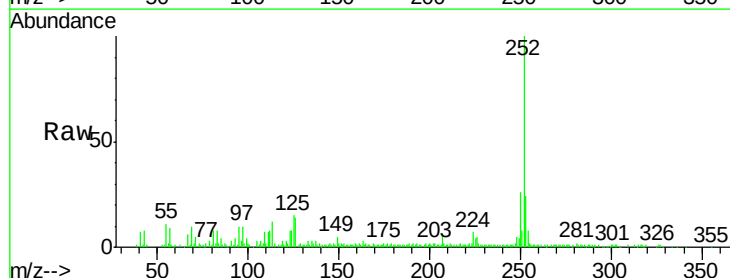
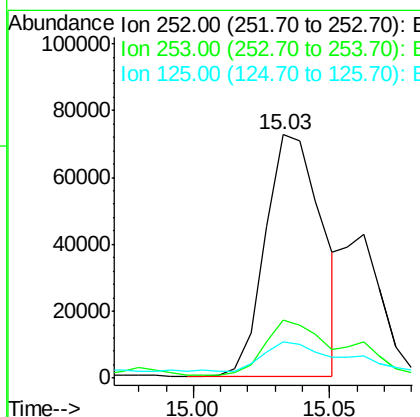
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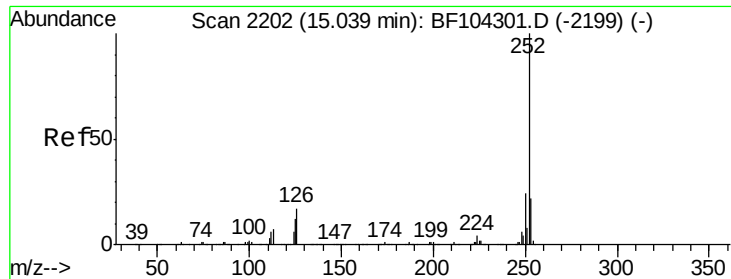
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#87
Benzo(b)fluoranthene
Concen: 10.359 ng m
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF104769.D
Acq: 24 Apr 2018 21:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	14.9	9.0	13.6#





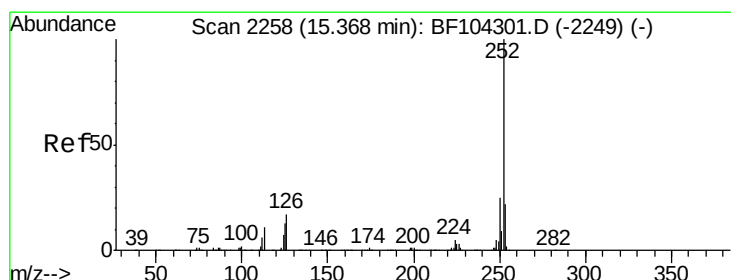
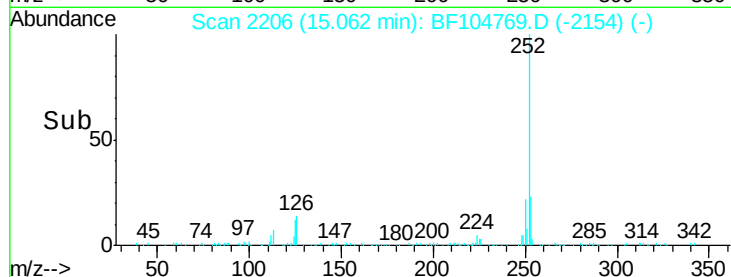
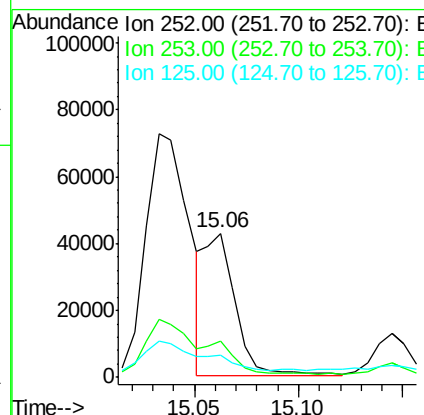
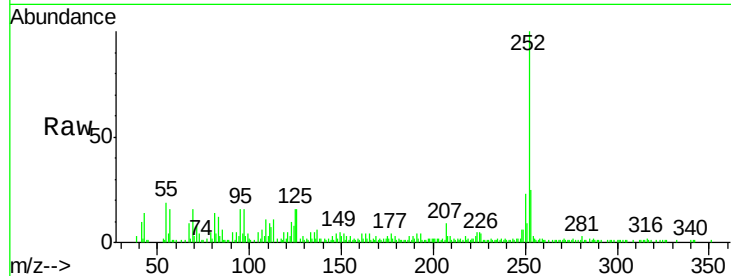
#88
Benzo(k)fluoranthene
Concen: 4.662 ng m
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF104769.D
Acq: 24 Apr 2018 21:01

Instrument :
BNA_F
ClientSampled :
TP-4

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.9	26.9
125	15.8	10.2	15.2

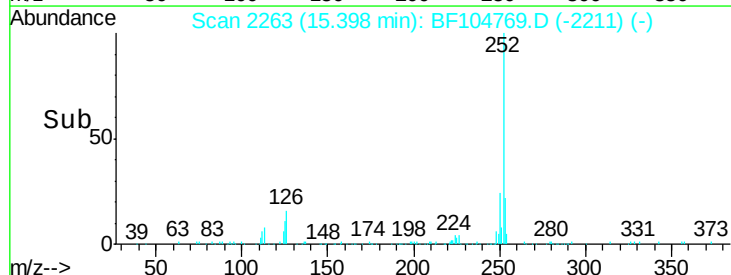
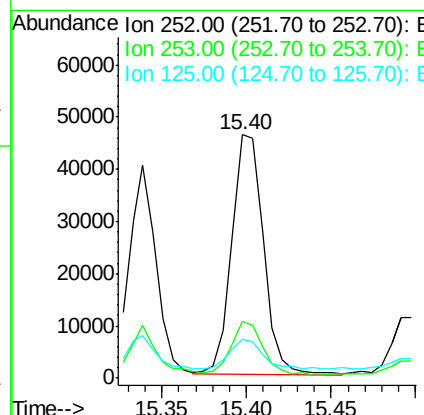
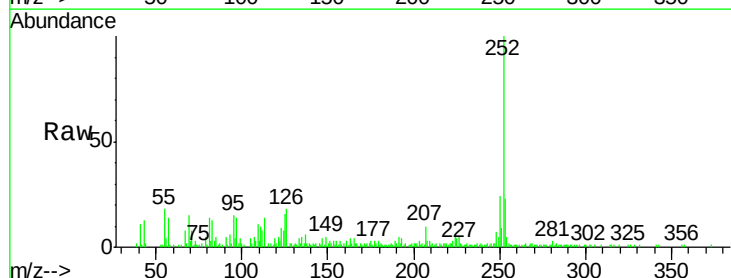
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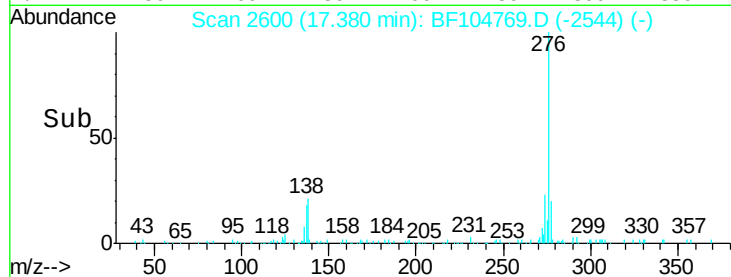
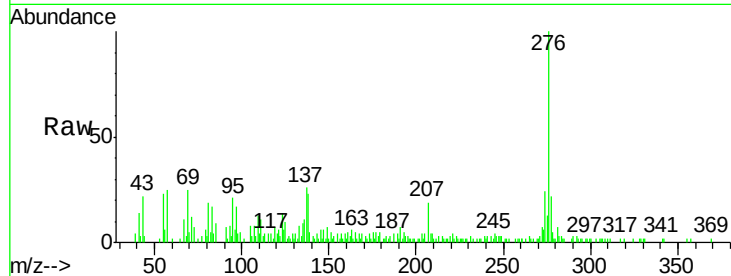
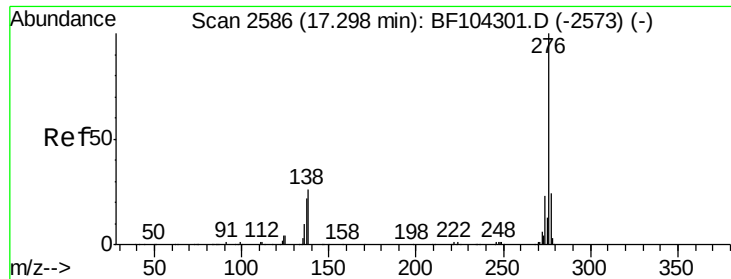
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#89
Benzo(a)pyrene
Concen: 6.710 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF104769.D
Acq: 24 Apr 2018 21:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	16.0	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 6.315 ng
 RT: 17.38 min Scan# 2600
 Delta R.T. 0.03 min
 Lab File: BF104769.D
 Acq: 24 Apr 2018 21:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.4	17.9	26.9
138	22.8	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 4/25/2018 4:23:05 PM

