

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
 Data File : BF104843.D
 Acq On : 26 Apr 2018 18:01
 Operator : JU/SJ
 Sample : J2155-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-042418-B

Manual Integrations
 APPROVED

Sohil
 4/27/2018 7:30:16 PM

Quant Time: Apr 27 12:13:08 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	116472	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	476788	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	199091	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	304562	20.00	ng	0.00
75) Chrysene-d12	13.98	240	250880	20.00	ng	0.00
86) Perylene-d12	15.44	264	217917	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	674486	88.55	ng	0.00
7) Phenol-d6	6.45	99	825724	88.23	ng	0.00
23) Nitrobenzene-d5	7.36	82	513536	70.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	174587	84.54	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	902844	71.64	ng	0.00
78) Terphenyl-d14	12.92	244	688225	62.54	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.55	163	100754	6.417	ng	99
70) Phenanthrene	11.35	178	123676	7.292	ng	97
74) Fluoranthene	12.55	202	308036	17.383	ng	100
77) Pyrene	12.78	202	256351	13.785	ng	99
80) Benzo(a)anthracene	13.97	228	111889	7.465	ng	100
82) Chrysene	14.00	228	153568	9.975	ng	98
85) Indeno(1,2,3-cd)pyrene	16.90	276	68683	5.252	ng	# 92
87) Benzo(b)fluoranthene	15.02	252	212766m	15.459	ng	
88) Benzo(k)fluoranthene	15.04	252	54283m	4.178	ng	
89) Benzo(a)pyrene	15.38	252	109348	8.879	ng	# 96
91) Benzo(g,h,i)perylene	17.35	276	66929	6.830	ng	97

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

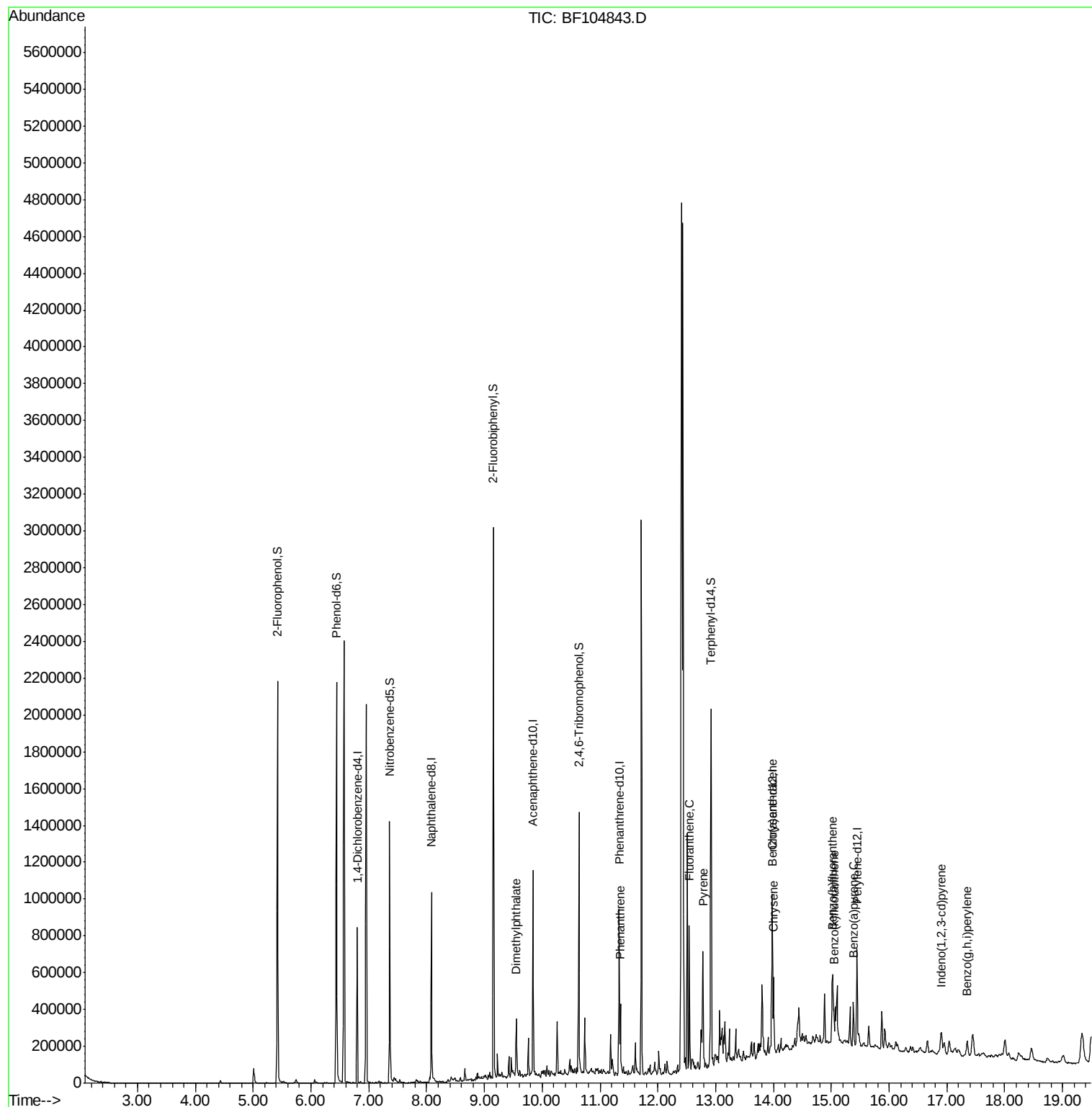
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
Data File : BF104843.D
Acq On : 26 Apr 2018 18:01
Operator : JU/SJ
Sample : J2155-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

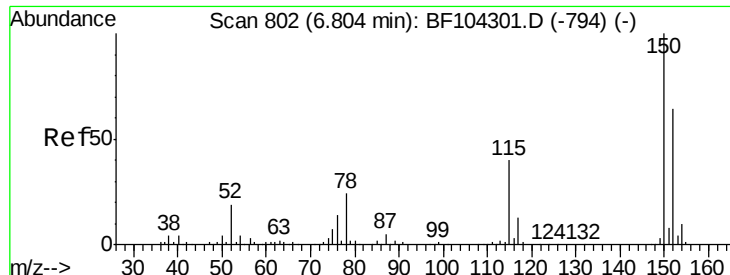
Instrument :
BNA_F
ClientSampleId :
NB-08-042418-B

Manual Integrations
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Quant Time: Apr 27 12:13:08 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

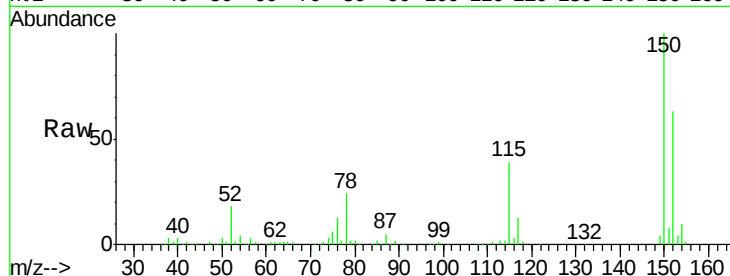
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF104843.D
Acq: 26 Apr 2018 18:01

Instrument :
BNA_F
ClientSampleId :
NB-08-042418-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	62.4	50.1	75.1

Manual Integrations
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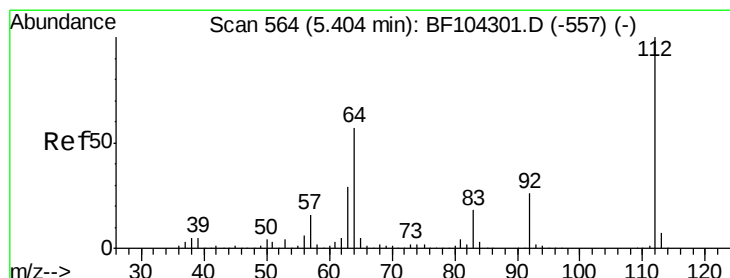
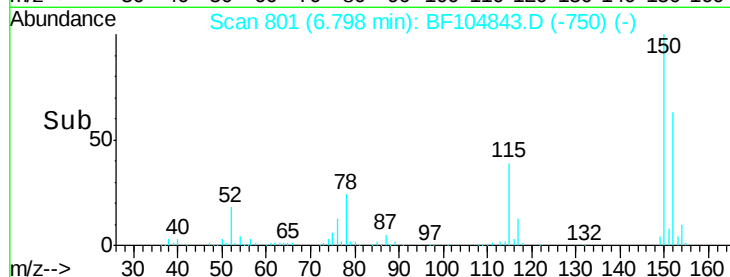
Abundance

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

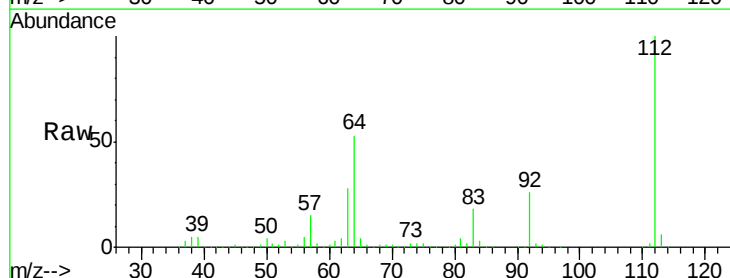
Time-->



#5

2-Fluorophenol
Concen: 88.547 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104843.D
Acq: 26 Apr 2018 18:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.1	47.9	71.9
63	27.6	23.7	35.5



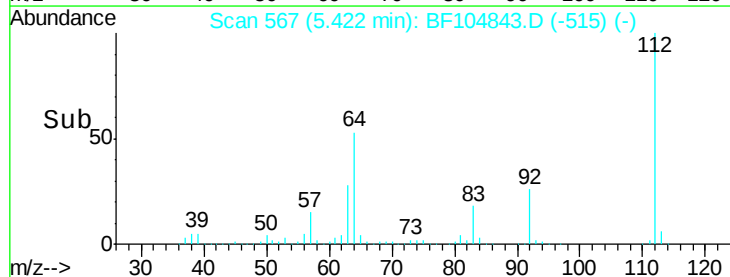
Abundance

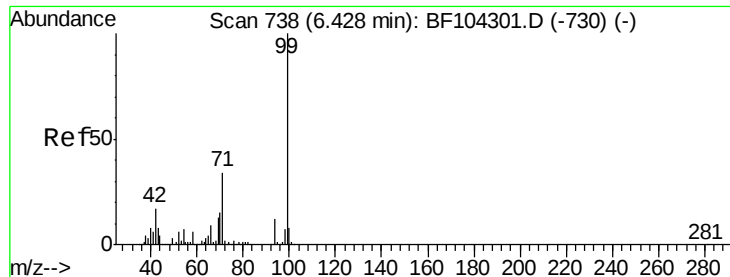
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->





#7

Phenol-d6

Concen: 88.227 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104843.D

Acq: 26 Apr 2018 18:01

Instrument :

BNA_F

ClientSampleId :

NB-08-042418-B

Tot Ion: 99 Resp: 825724

Ion Ratio Lower Upper

99 100

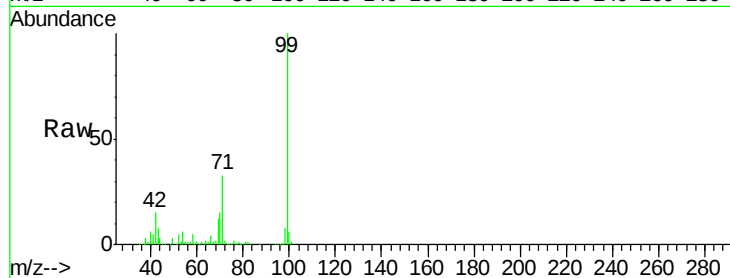
42 15.3 14.5 21.7

71 33.1 25.4 38.0

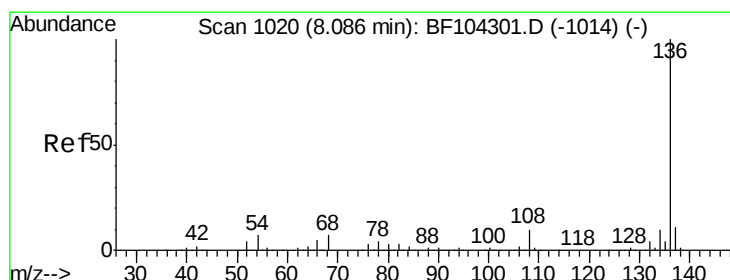
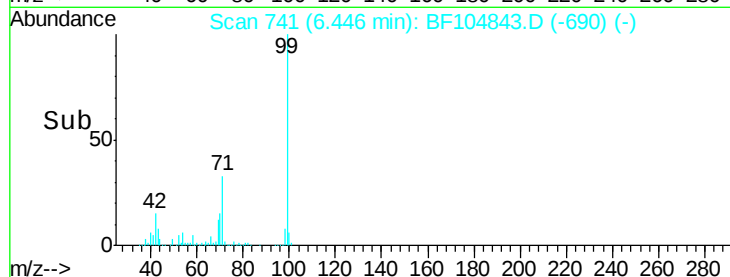
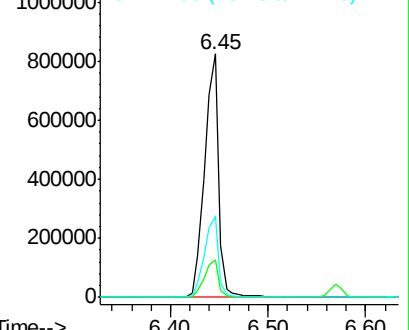
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF104843.D

Acq: 26 Apr 2018 18:01

Tgt Ion: 136 Resp: 476788

Ion Ratio Lower Upper

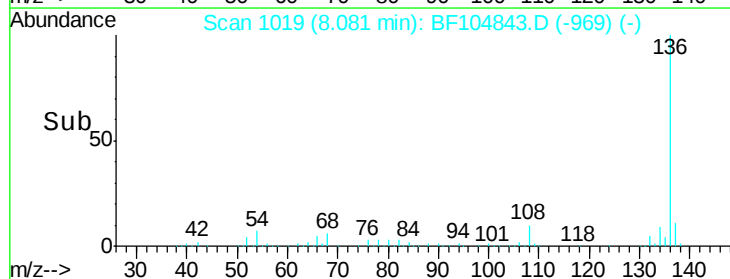
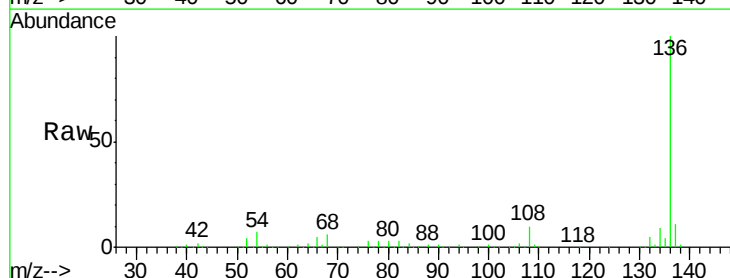
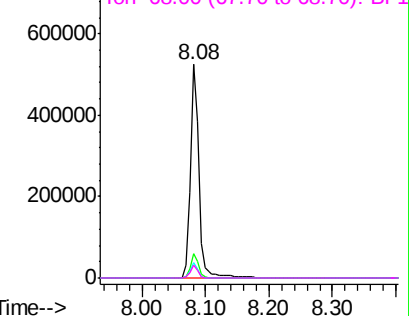
136 100

137 11.2 8.9 13.3

54 7.0 6.6 9.8

68 6.0 5.0 7.4

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





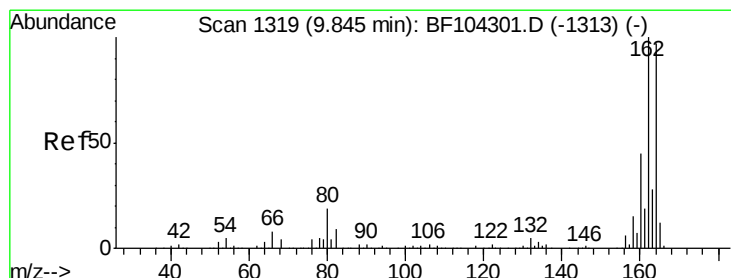
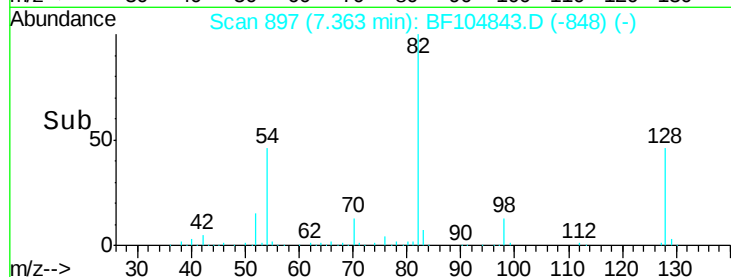
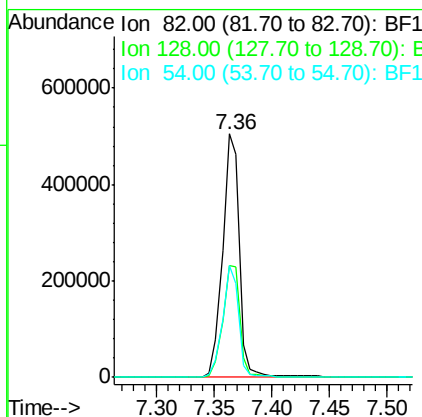
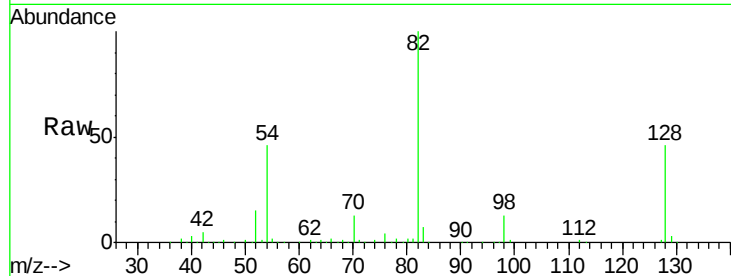
#23
Nitrobenzene-d5
Concen: 70.331 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104843.D
Acq: 26 Apr 2018 18:01

Instrument :
BNA_F
ClientSampleId :
NB-08-042418-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	45.7	41.4	62.2

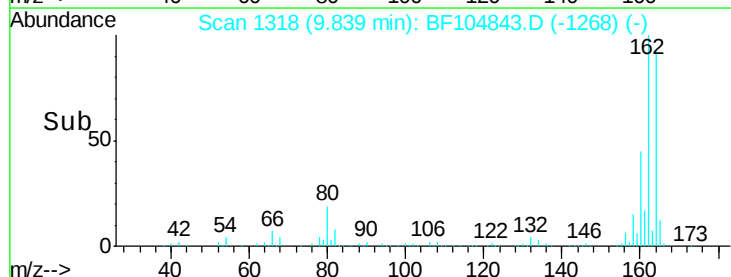
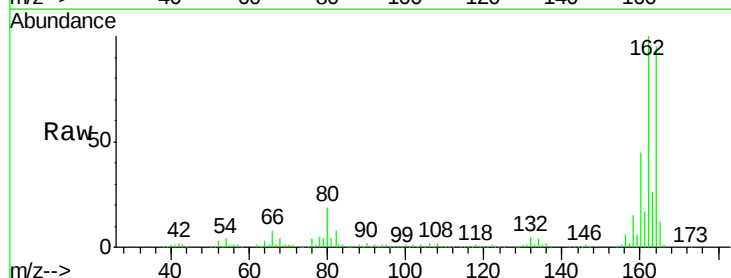
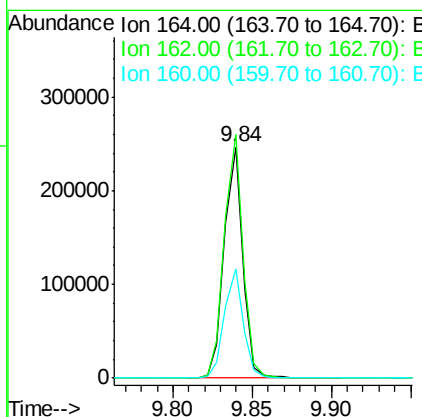
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104843.D
Acq: 26 Apr 2018 18:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	47.1	38.3	57.5





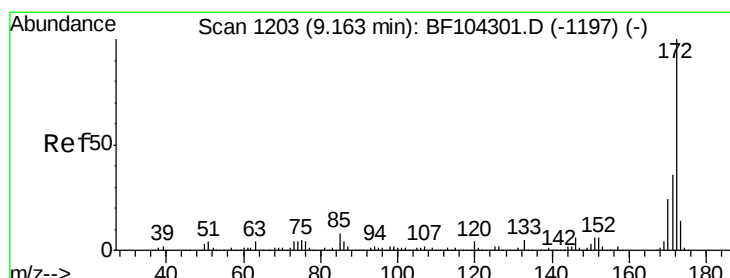
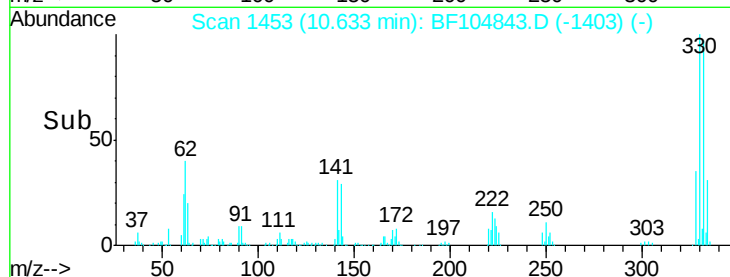
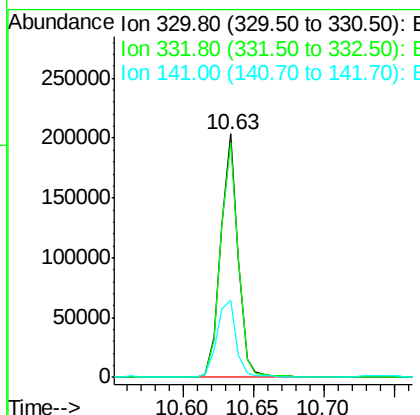
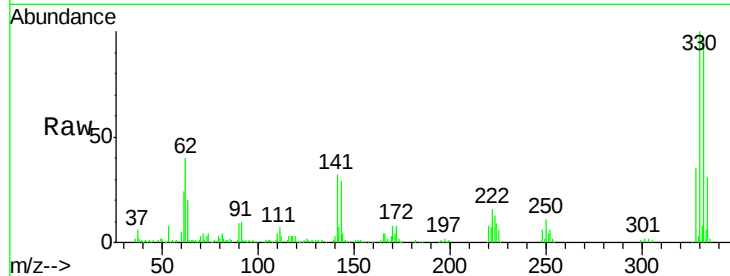
#41
 2,4,6-Tribromophenol
 Concen: 84.537 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104843.D
 Acq: 26 Apr 2018 18:01

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-042418-B

Tot Ion	Ratio	Resp	Lower	Upper
330	100	174587		
332	98.1	77.0	115.6	
141	36.1	29.9	44.9	

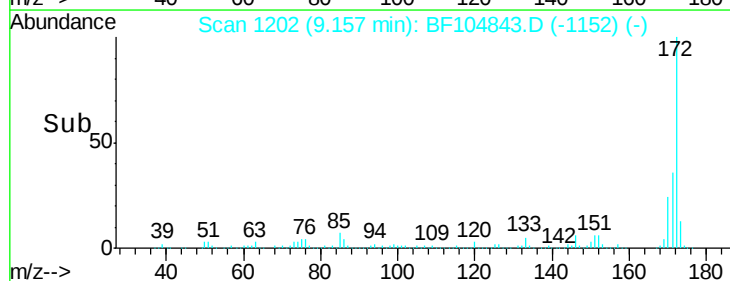
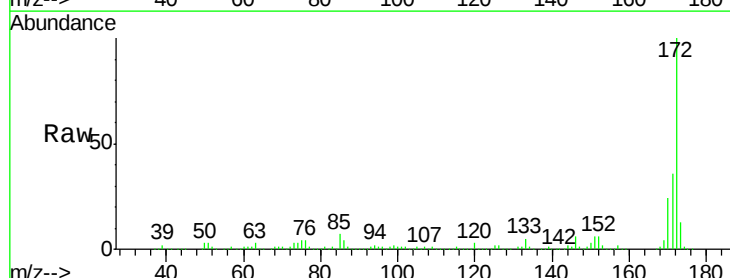
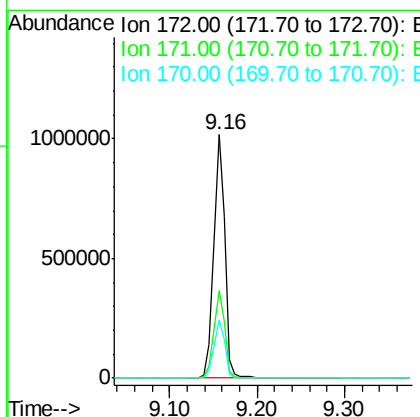
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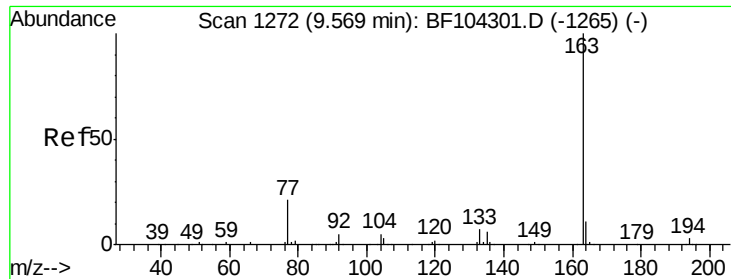
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#44
 2-Fluorobiphenyl
 Concen: 71.639 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104843.D
 Acq: 26 Apr 2018 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	902844		
171	36.1	29.7	44.5	
170	23.9	19.6	29.4	





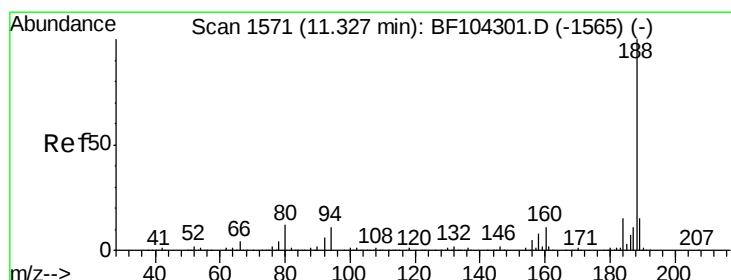
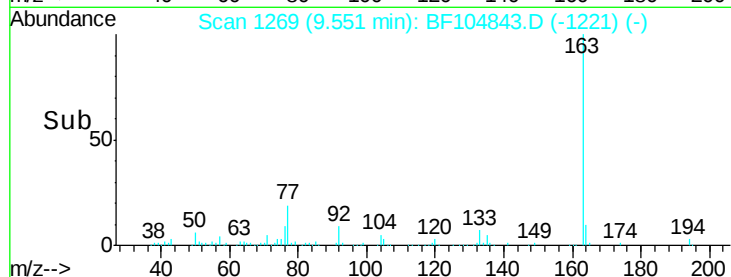
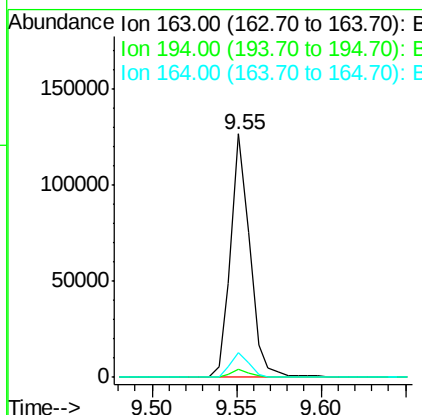
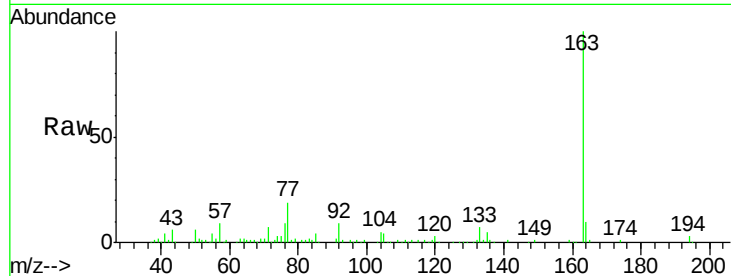
#49
Dimethylphthalate
Concen: 6.417 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF104843.D
Acq: 26 Apr 2018 18:01

Instrument :
BNA_F
ClientSampleId :
NB-08-042418-B

Tot Ion:	163	Resp:	100754
Ion Ratio	Lower	Upper	
163	100		
194	3.1	2.7	4.1
164	10.0	8.2	12.2

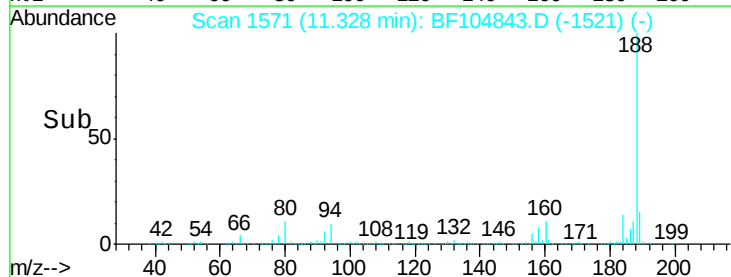
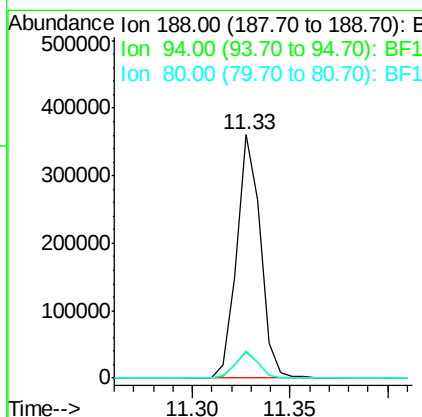
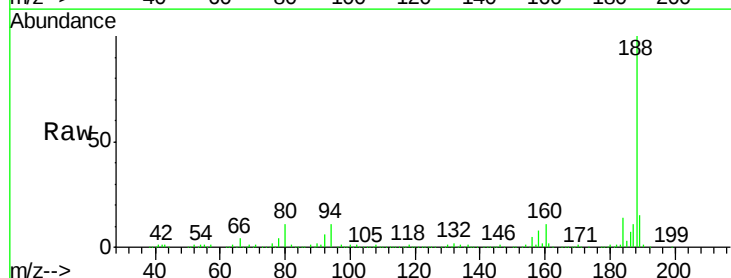
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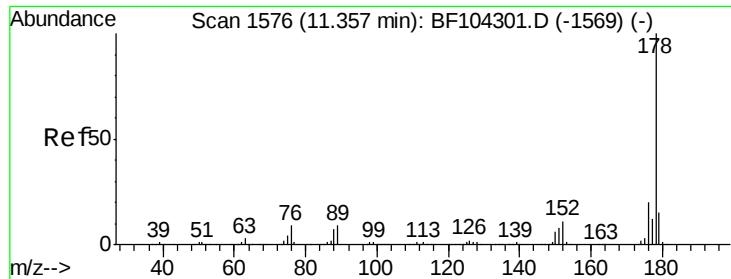
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104843.D
Acq: 26 Apr 2018 18:01

Tgt Ion:	188	Resp:	304562
Ion Ratio	Lower	Upper	
188	100		
94	10.6	8.5	12.7
80	11.1	9.2	13.8





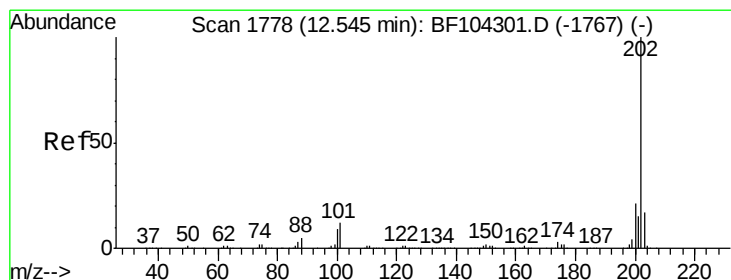
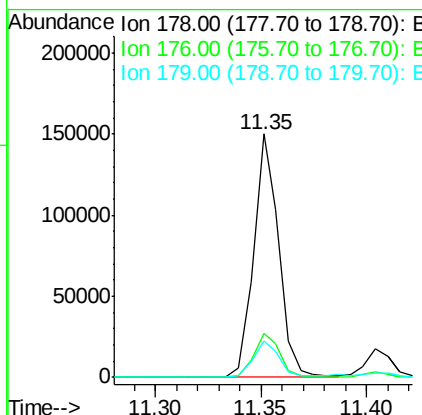
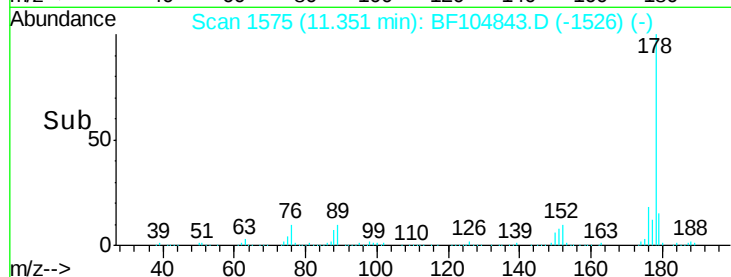
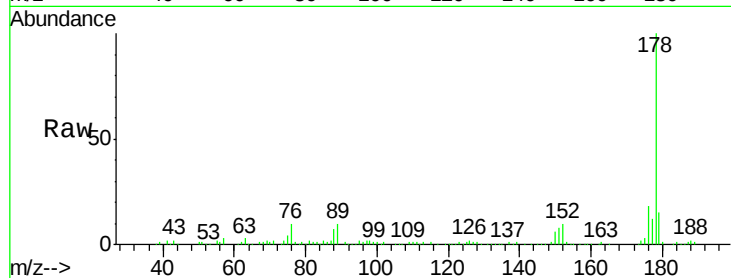
#70
Phenanthrene
Concen: 7.292 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF104843.D
Acq: 26 Apr 2018 18:01

Instrument :
BNA_F
ClientSampleId :
NB-08-042418-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.8
179	14.9	13.0	19.6

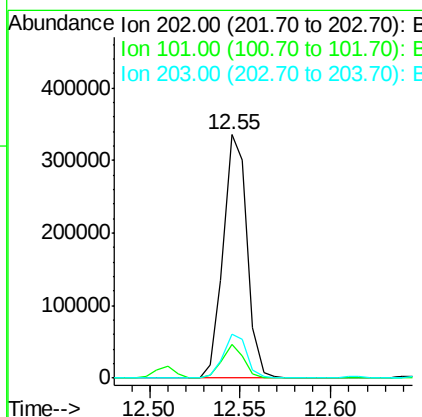
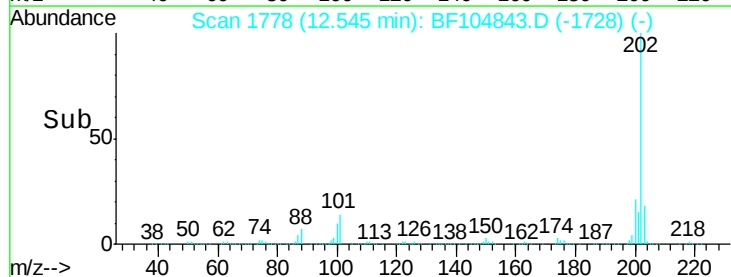
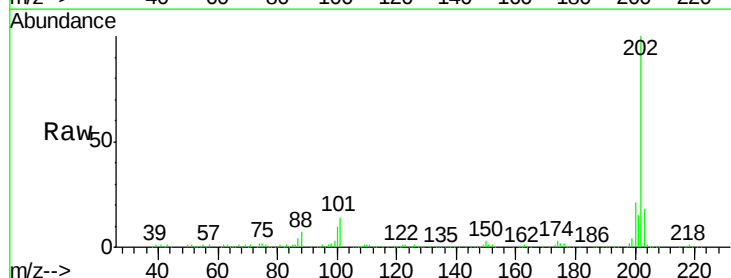
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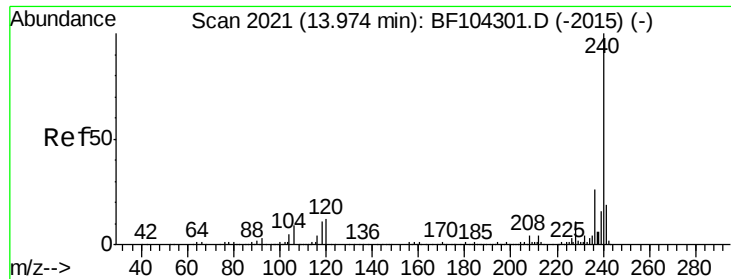
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#74
Fluoranthene
Concen: 17.383 ng
RT: 12.55 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BF104843.D
Acq: 26 Apr 2018 18:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	34.1
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104843.D

Acq: 26 Apr 2018 18:01

Instrument :

BNA_F

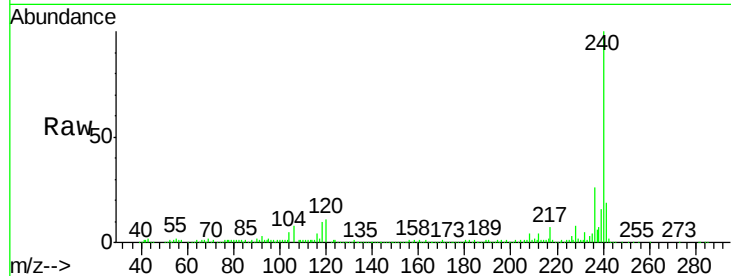
ClientSampleId :

NB-08-042418-B

Tot Ion:	240	Resp:	250880
Ion Ratio		Lower	Upper
240	100		
120	11.4	9.5	14.3
236	26.1	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

13.98

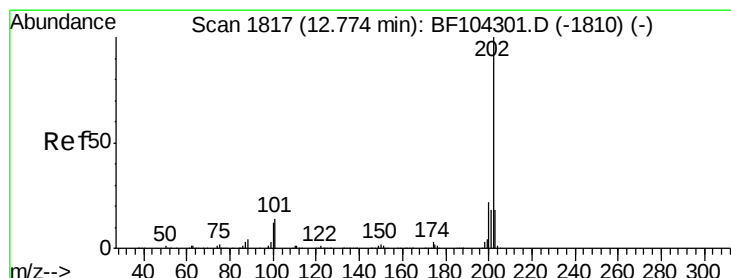
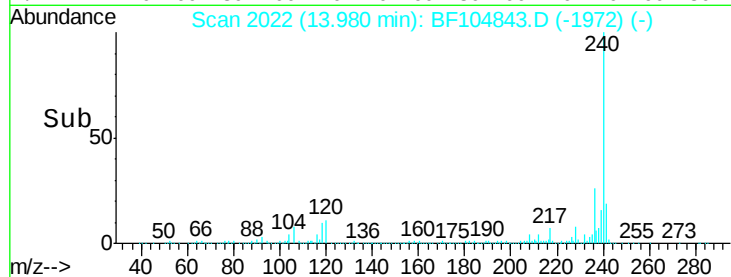
300000

200000

100000

0

Time--> 13.90 14.00



#77

Pyrene

Concen: 13.785 ng

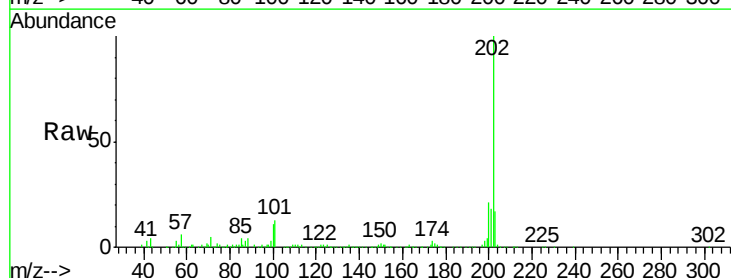
RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF104843.D

Acq: 26 Apr 2018 18:01

Tgt Ion:	202	Resp:	256351
Ion Ratio		Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.0	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

12.78

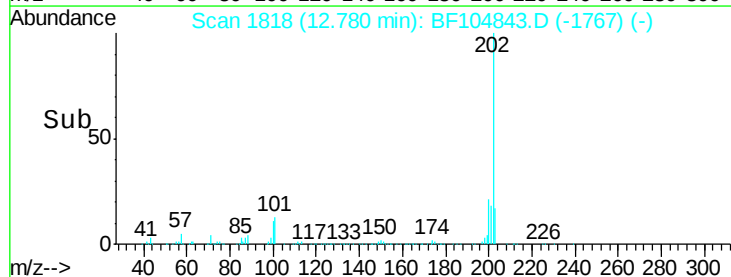
300000

200000

100000

0

Time--> 12.75 12.80





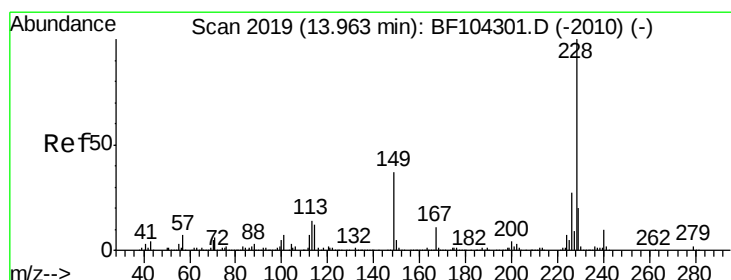
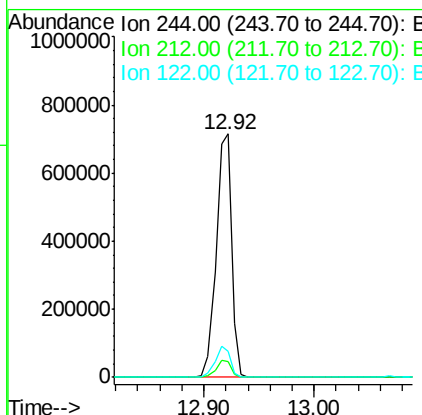
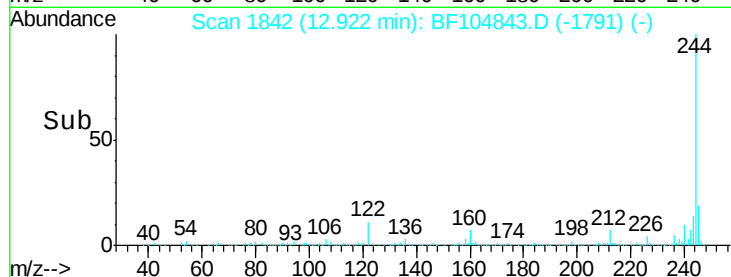
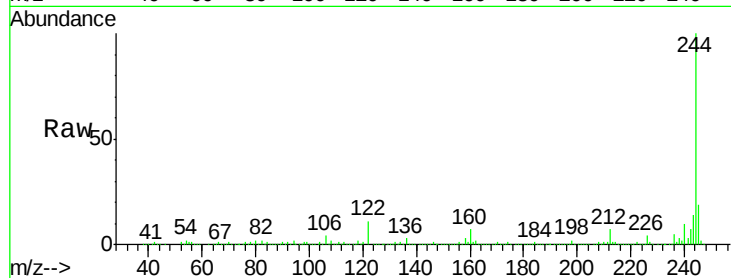
#78
 Terphenyl-d14
 Concen: 62.541 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF104843.D
 Acq: 26 Apr 2018 18:01

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-042418-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.6	11.0	16.4

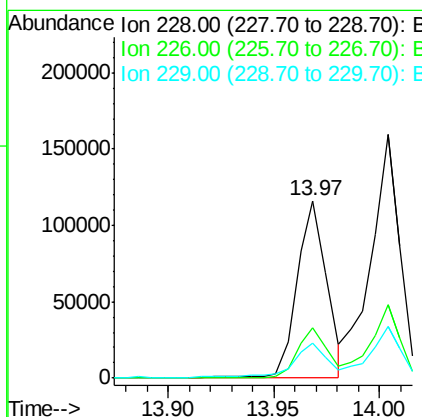
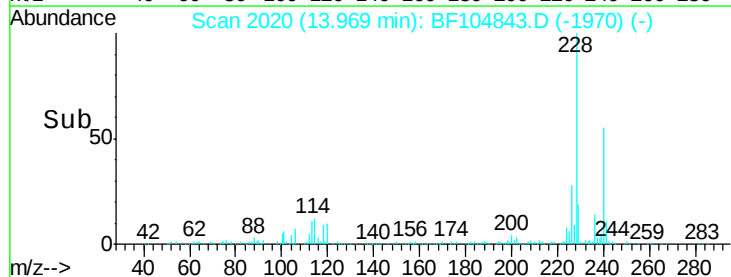
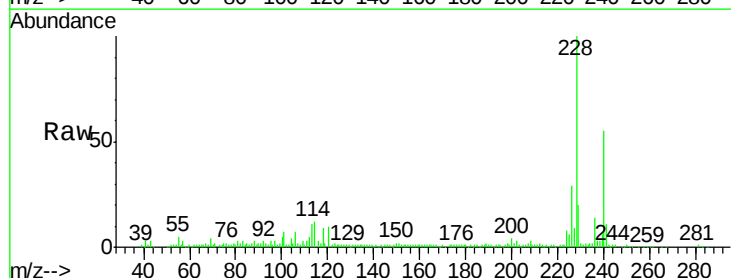
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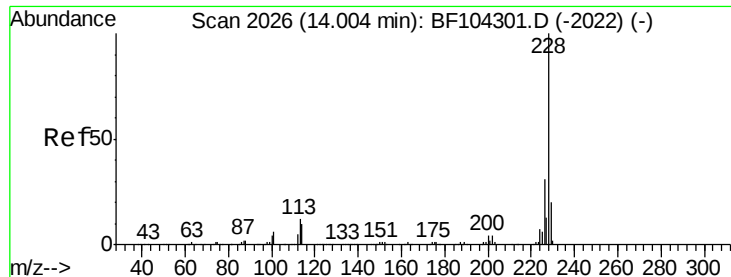
Sohil
 4/27/2018 7:30:16 PM



#80
 Benzo(a)anthracene
 Concen: 7.465 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF104843.D
 Acq: 26 Apr 2018 18:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	19.7	15.8	23.6





#82

Chrysene

Concen: 9.975 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF104843.D

Acq: 26 Apr 2018 18:01

Instrument :

BNA_F

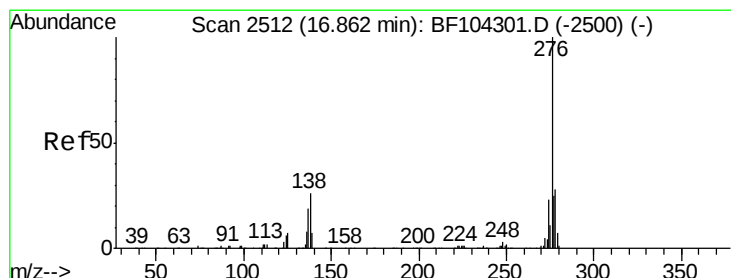
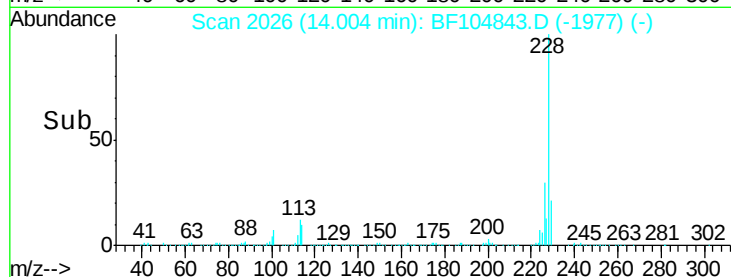
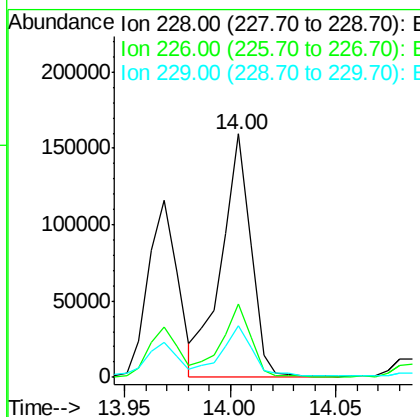
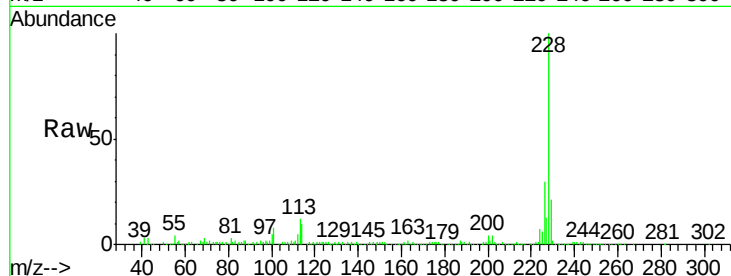
ClientSampleId :

NB-08-042418-B

Tot Ion:	228	Resp:	153568
Ion Ratio		Lower	Upper
228	100		
226	30.1	25.0	37.6
229	21.2	16.2	24.4

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#85

Indeno(1,2,3-cd)pyrene

Concen: 5.252 ng

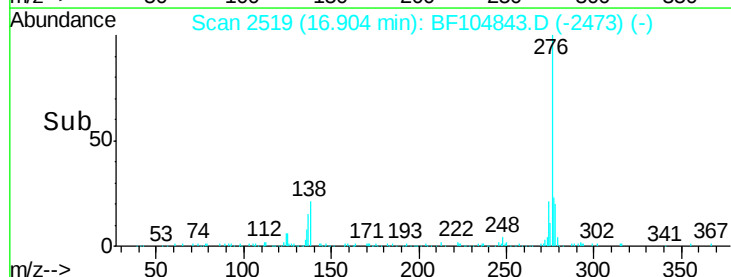
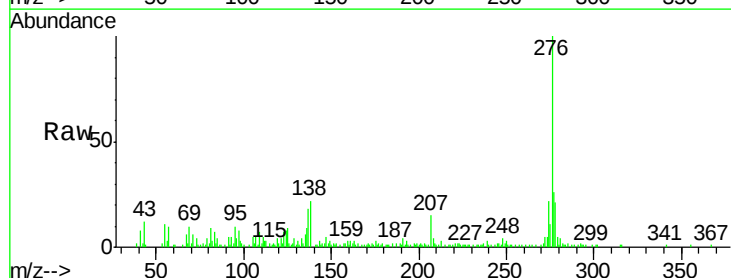
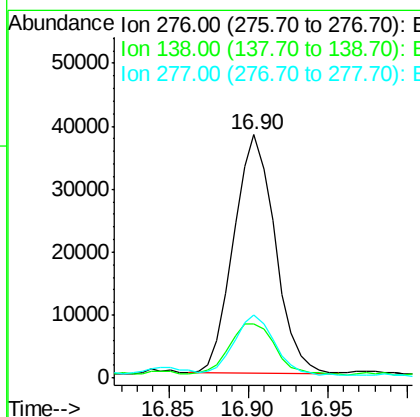
RT: 16.90 min Scan# 2519

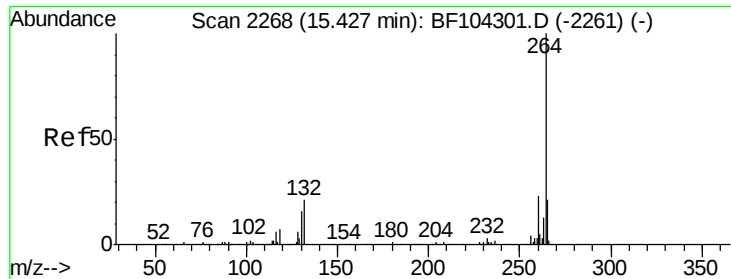
Delta R.T. -0.03 min

Lab File: BF104843.D

Acq: 26 Apr 2018 18:01

Tgt Ion:	276	Resp:	68683
Ion Ratio		Lower	Upper
276	100		
138	24.4	25.0	37.6#
277	25.9	20.1	30.1





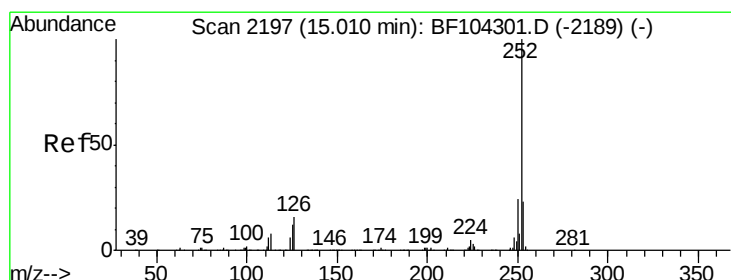
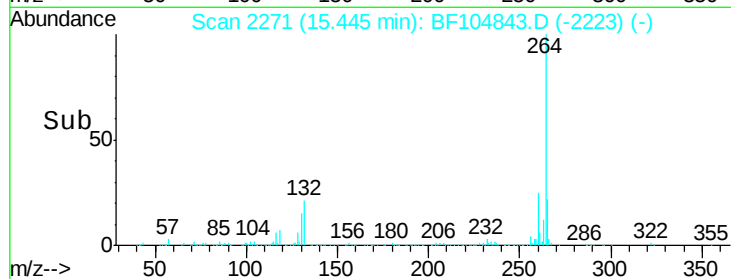
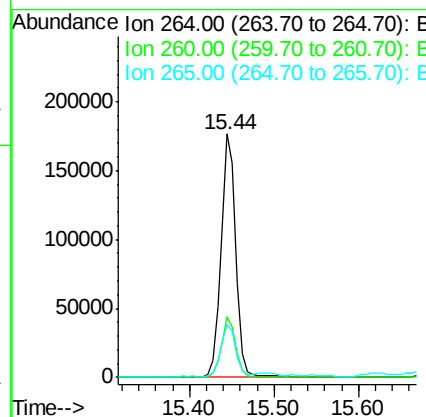
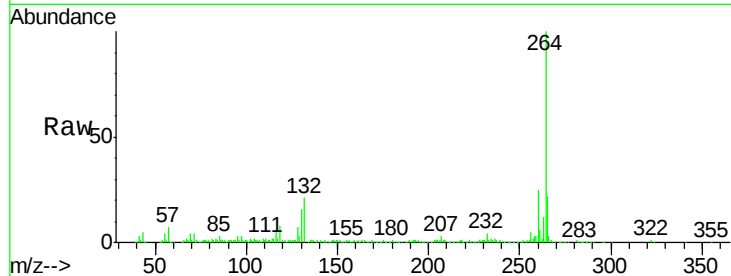
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF104843.D
Acq: 26 Apr 2018 18:01

Instrument :
BNA_F
ClientSampleId :
NB-08-042418-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.8	17.5	26.3

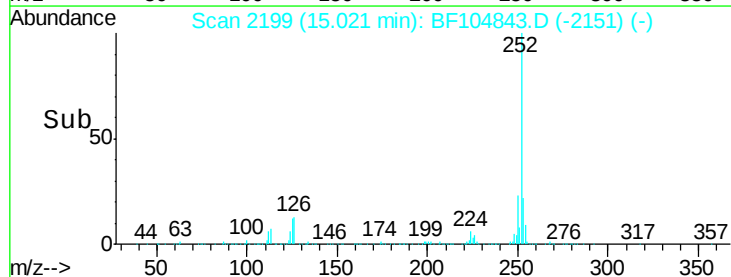
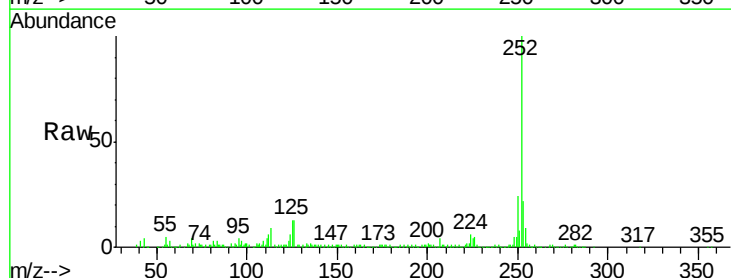
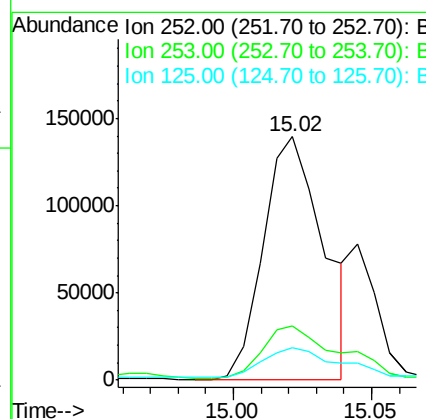
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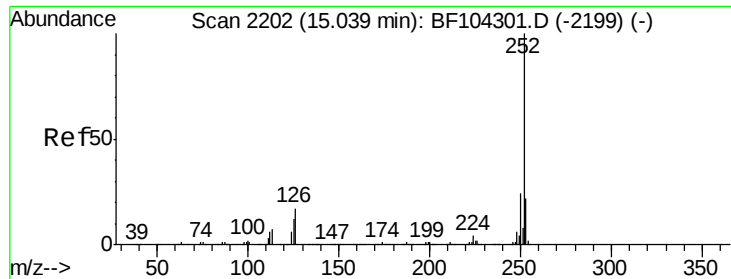
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#87
Benzo(b)fluoranthene
Concen: 15.459 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BF104843.D
Acq: 26 Apr 2018 18:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	13.4	9.0	13.6





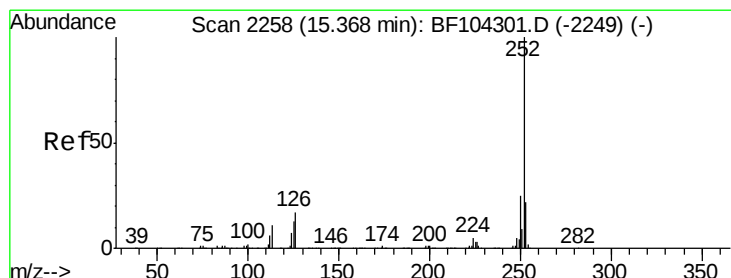
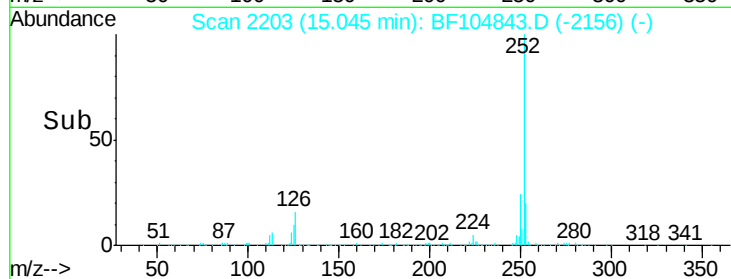
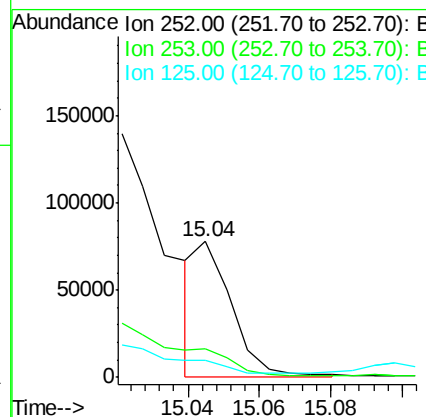
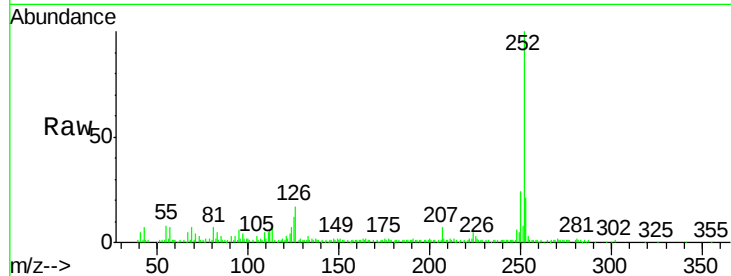
#88
Benzo(k)fluoranthene
Concen: 4.178 ng m
RT: 15.04 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BF104843.D
Acq: 26 Apr 2018 18:01

Instrument :
BNA_F
ClientSampleId :
NB-08-042418-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.9	26.9
125	12.1	10.2	15.2

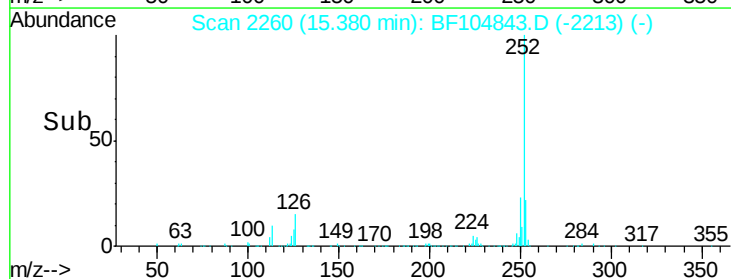
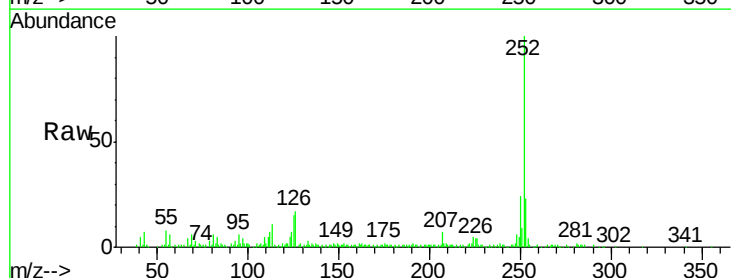
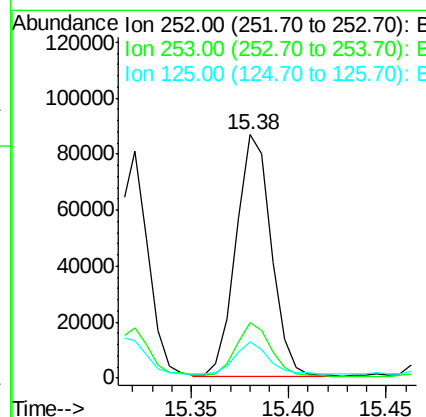
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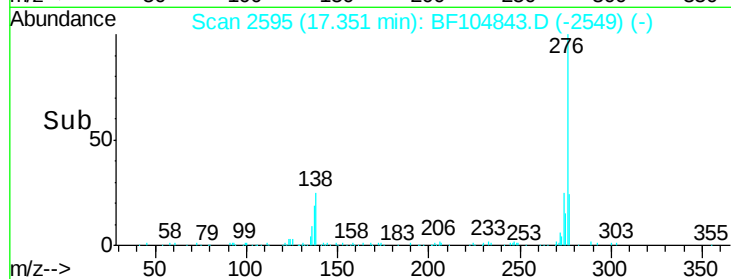
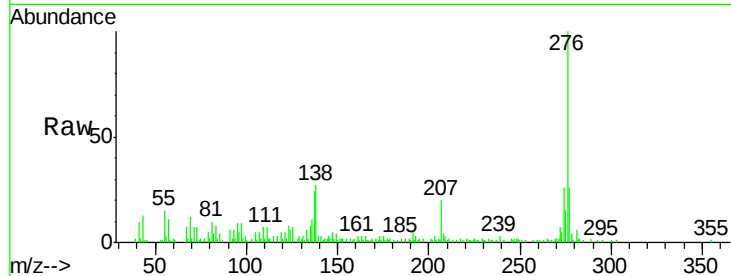
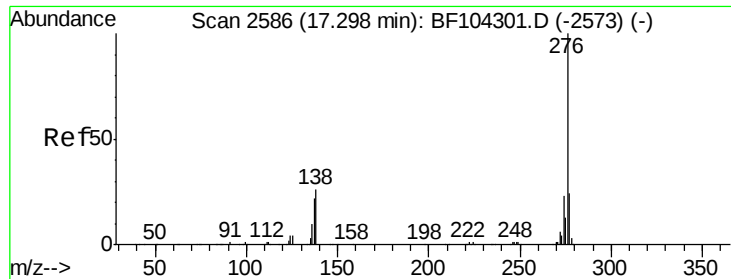
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#89
Benzo(a)pyrene
Concen: 8.879 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BF104843.D
Acq: 26 Apr 2018 18:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	15.0	9.8	14.6





#91

Benzo(a,h,i)perylene

Concen: 6.830 ng

RT: 17.35 min Scan# 2595

Delta R.T. -0.03 min

Lab File: BF104843.D

Acq: 26 Apr 2018 18:01

Instrument :

BNA_F

ClientSampleId :

NB-08-042418-B

Tot Ion: 276 Resp: 66929

Ion Ratio Lower Upper

276 100

277 25.7 17.9 26.9

138 27.4 21.8 32.8

Manual Integrations
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