

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104476.D
 Acq On : 13 Apr 2018 14:14
 Operator : JU/SJ
 Sample : J2348-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 135-348

Manual Integrations
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Quant Time: Apr 13 17:52:37 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	142900	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	587245	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	276781	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	487776	20.00	ng	0.00
75) Chrysene-d12	13.99	240	323545	20.00	ng	0.00
86) Perylene-d12	15.45	264	284377	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	813590	87.06	ng	0.00
7) Phenol-d6	6.45	99	1003952	87.43	ng	0.00
23) Nitrobenzene-d5	7.37	82	631661	70.24	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	261612	91.12	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1029405	58.75	ng	0.00
78) Terphenyl-d14	12.93	244	977346	68.87	ng	0.00
Target Compounds						
10) Phenol	6.45	94	38198	3.135	ng	90
49) Dimethylphthalate	9.56	163	149025	6.828	ng	99
70) Phenanthrene	11.36	178	442090	16.275	ng	98
71) Anthracene	11.41	178	154160	5.583	ng	97
74) Fluoranthene	12.56	202	672094	23.681	ng	98
77) Pyrene	12.79	202	568138	23.690	ng	99
80) Benzo(a)anthracene	13.97	228	300551	15.549	ng	99
82) Chrysene	14.01	228	239369	12.057	ng	98
85) Indeno(1,2,3-cd)pyrene	16.90	276	115009m	6.819	ng	
87) Benzo(b)fluoranthene	15.03	252	263515m	14.672	ng	
88) Benzo(k)fluoranthene	15.05	252	83711m	4.937	ng	
89) Benzo(a)pyrene	15.39	252	195620	12.173	ng	96
90) Dibenzo(a,h)anthracene	16.92	278	31584	2.393	ng	96
91) Benzo(g,h,i)perylene	17.34	276	100372	7.849	ng	92

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

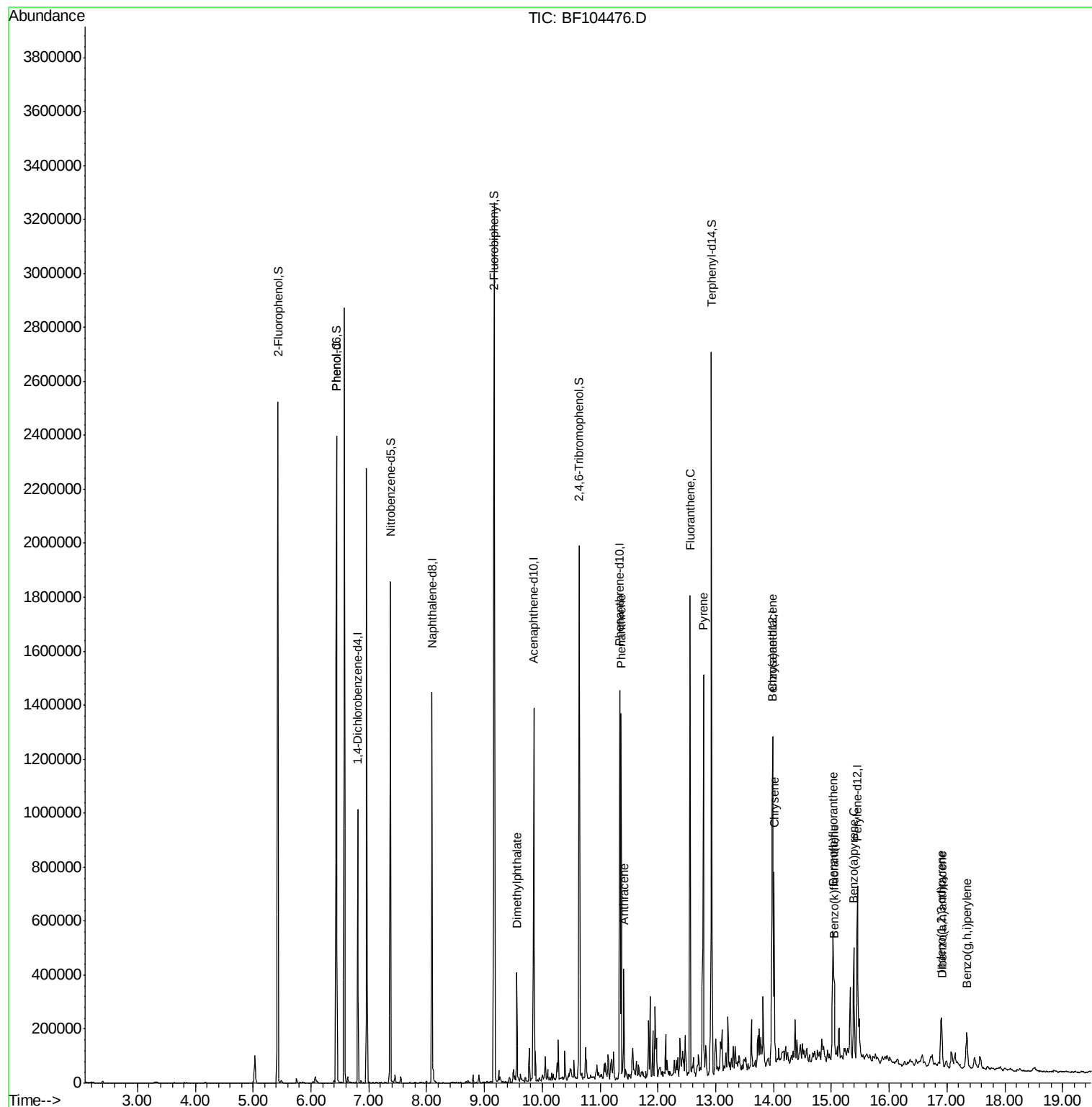
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104476.D
Acq On : 13 Apr 2018 14:14
Operator : JU/SJ
Sample : J2348-01
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ALS Vial : 5 Sample Multiplier: 1

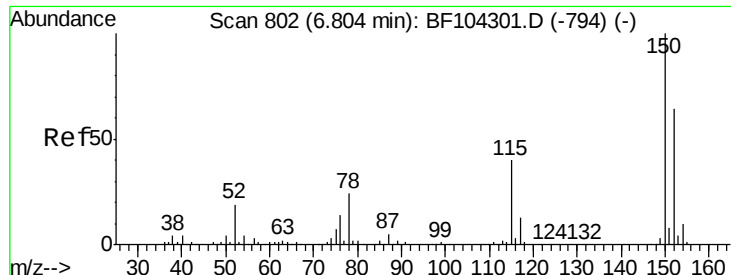
Instrument :
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#1

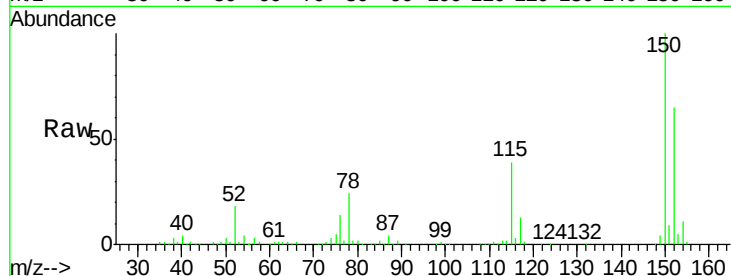
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104476.D
Acq: 13 Apr 2018 14:14

Instrument :
BNA_F
ClientSampleId :
135-348

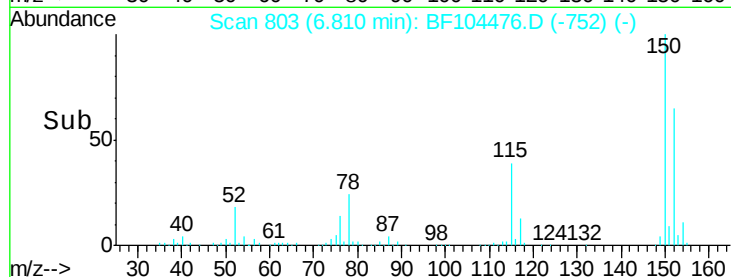
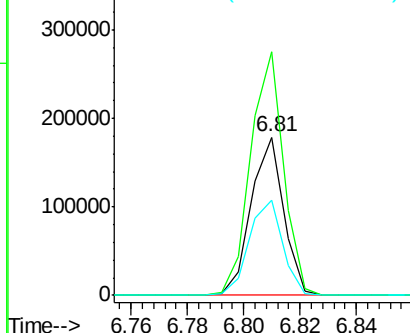
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.6	186.8
115	60.2	50.1	75.1

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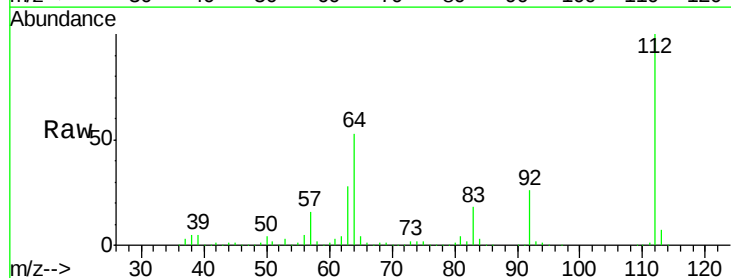
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



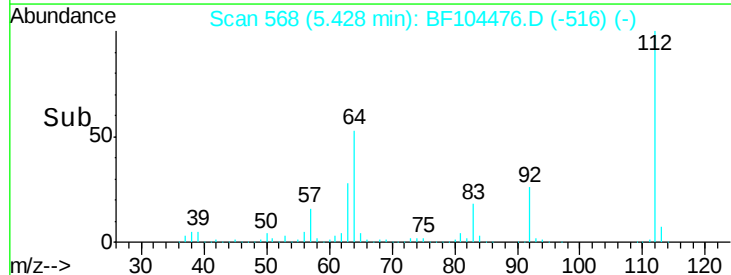
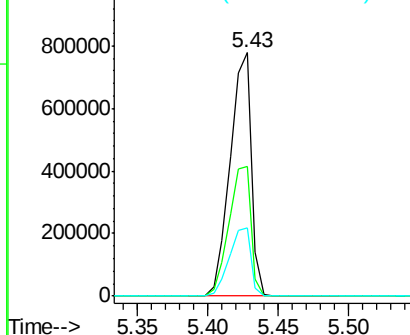
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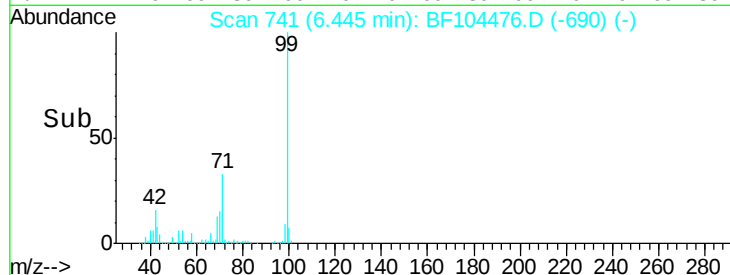
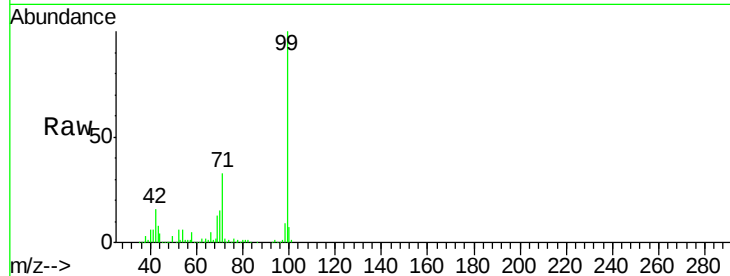
2-Fluorophenol
Concen: 87.056 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104476.D
Acq: 13 Apr 2018 14:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	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: 87.431 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104476.D

Acq: 13 Apr 2018 14:14

Tot Ion:	99	Resp:	1003952
Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.5	21.7
71	33.4	25.4	38.0

Instrument :

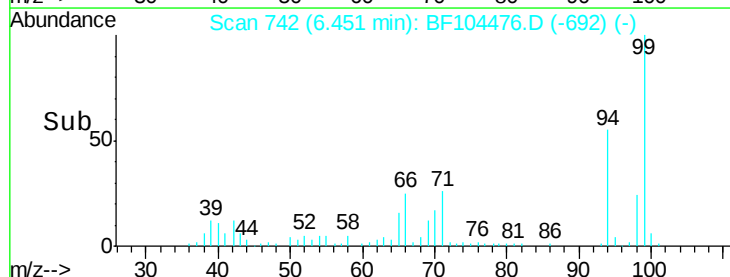
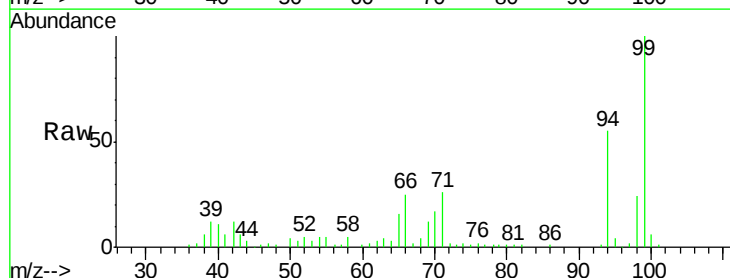
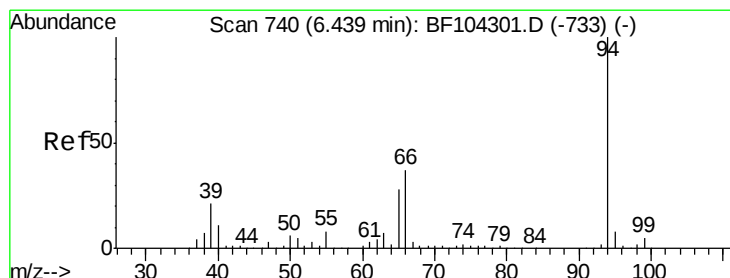
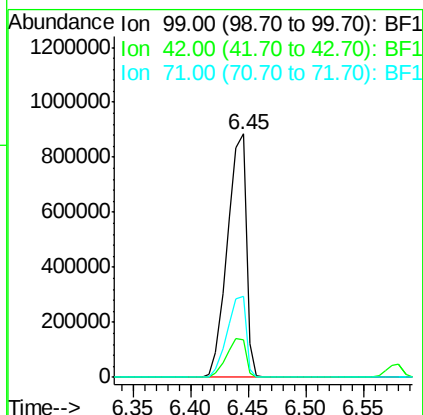
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ClientSampled :

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#10

Phenol

Concen: 3.135 ng

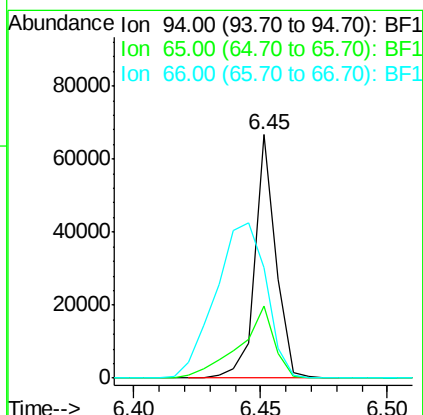
RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF104476.D

Acq: 13 Apr 2018 14:14

Tgt Ion:	94	Resp:	38198
Ion	Ratio	Lower	Upper
94	100		
65	29.5	7.9	47.9
66	45.2	16.2	56.2





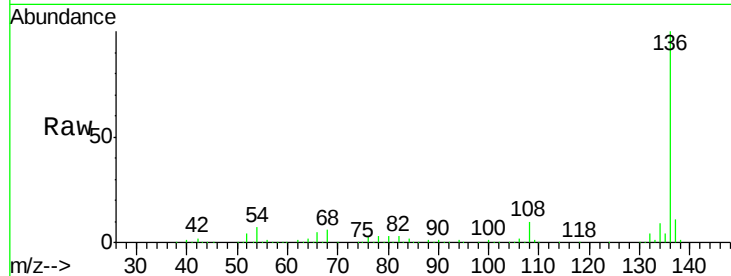
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF104476.D
Acq: 13 Apr 2018 14:14

Instrument :
BNA_F
ClientSampled :
135-348

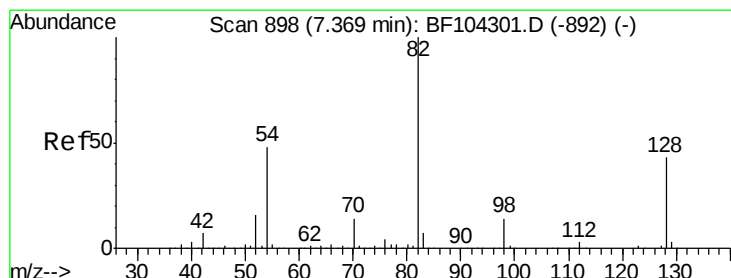
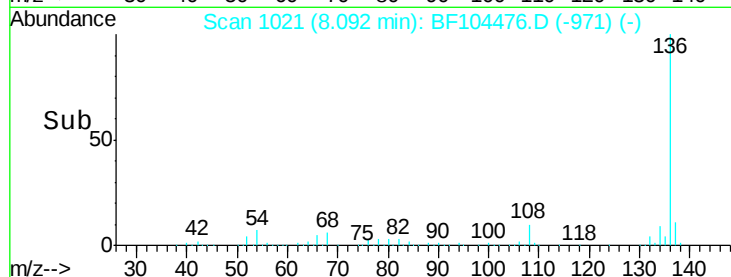
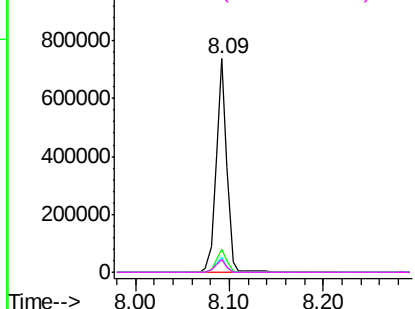
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.9	6.6	9.8
68	5.8	5.0	7.4

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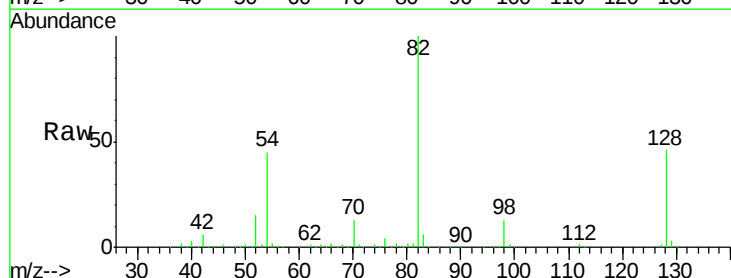


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

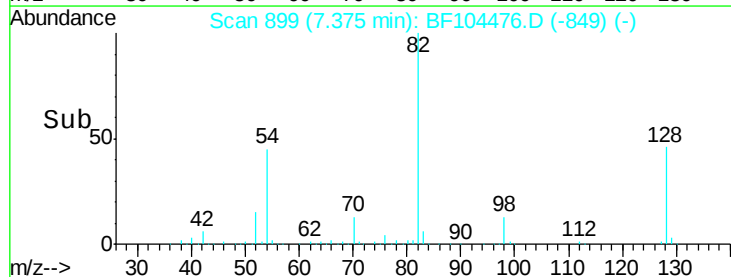
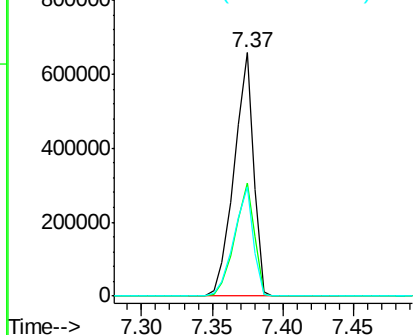


#23
Nitrobenzene-d5
Concen: 70.237 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104476.D
Acq: 13 Apr 2018 14:14

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	44.8	41.4	62.2



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





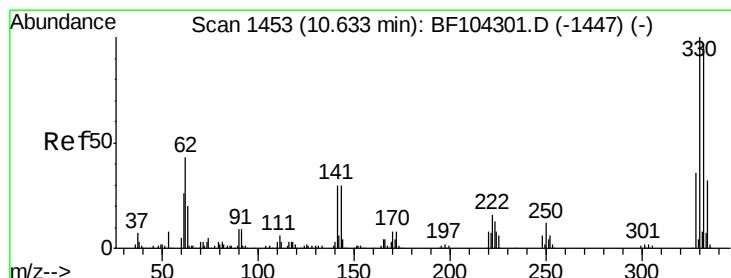
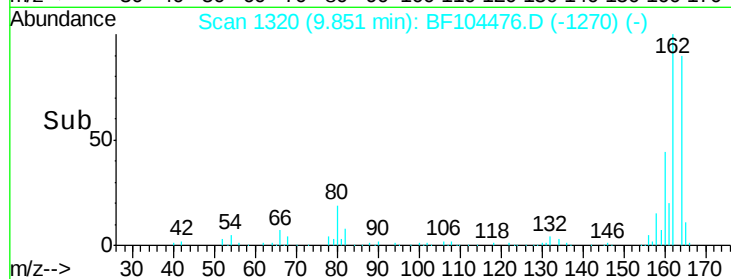
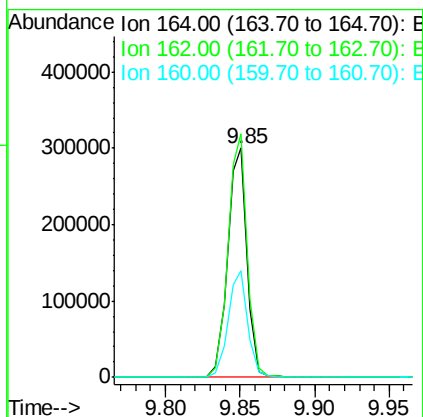
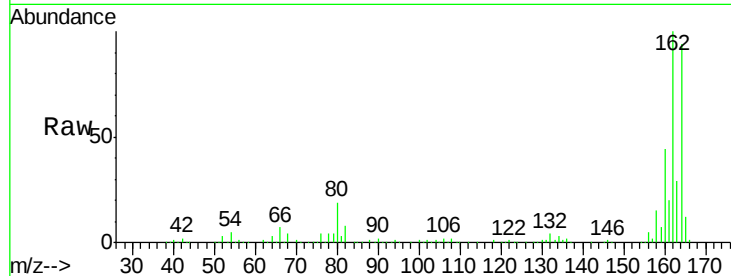
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF104476.D
Acq: 13 Apr 2018 14:14

Instrument :
BNA_F
ClientSampleId :
135-348

Tot Ion	Ratio	Resp	Lower	Upper
164	100	276781		
162	106.1	86.1	129.1	
160	46.7	38.3	57.5	

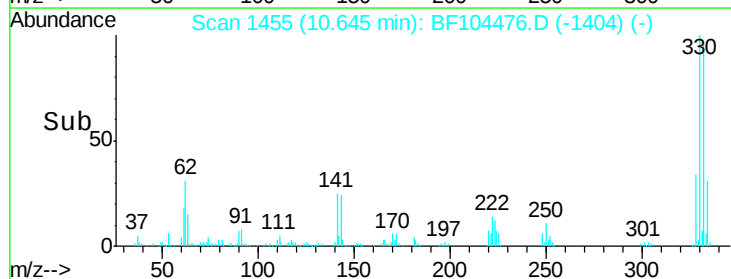
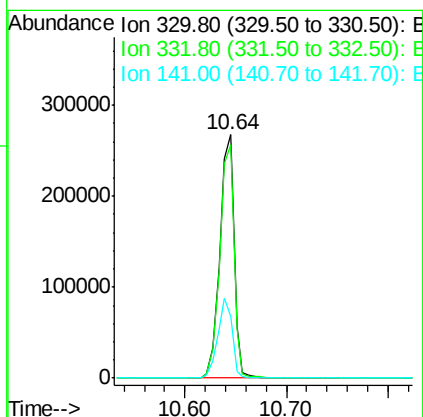
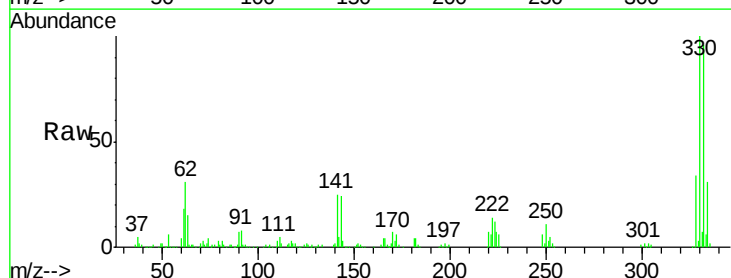
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#41
2,4,6-Tribromophenol
Concen: 91.118 ng
RT: 10.64 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BF104476.D
Acq: 13 Apr 2018 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	261612		
332	96.3	77.0	115.6	
141	33.4	29.9	44.9	





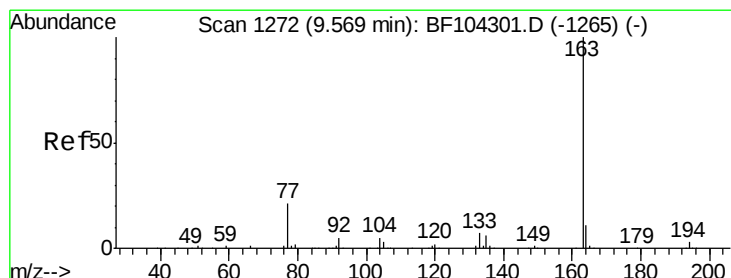
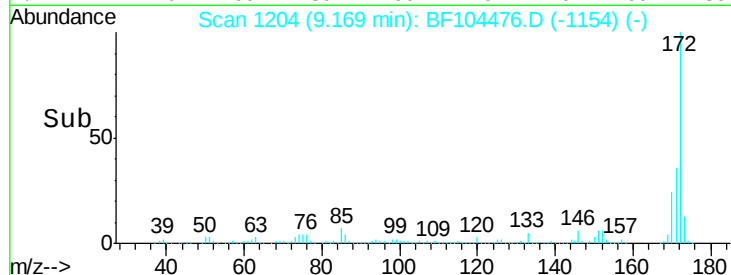
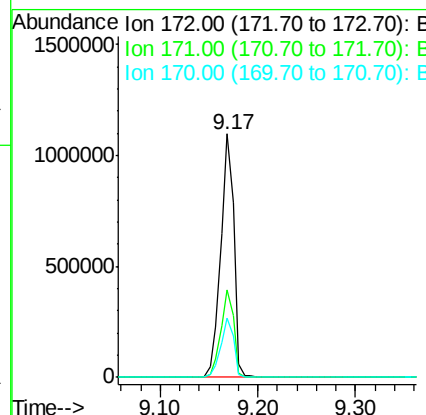
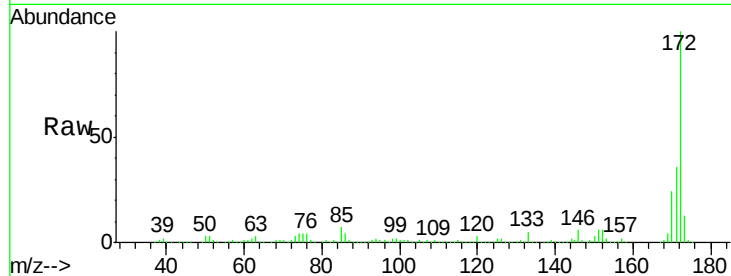
#44
2-Fluorobiphenyl
Concen: 58.754 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF104476.D
Acq: 13 Apr 2018 14:14

Instrument :
BNA_F
ClientSampled :
135-348

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.2	19.6	29.4

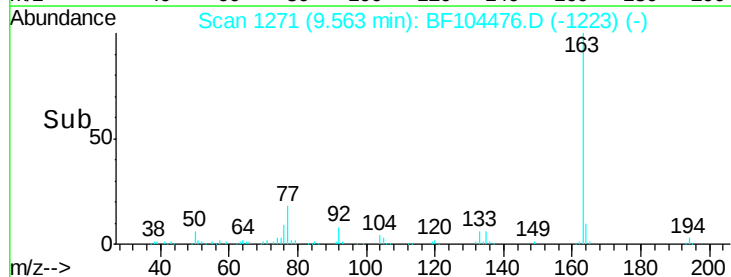
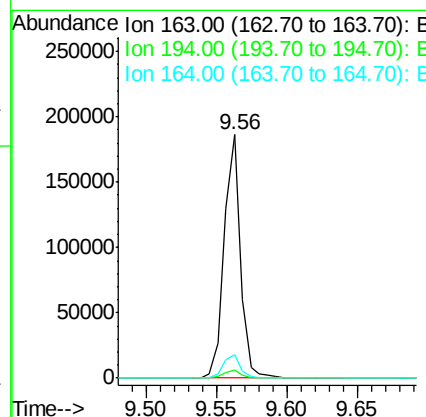
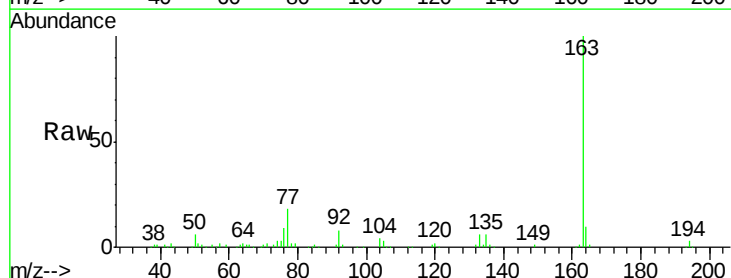
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#49
Dimethylphthalate
Concen: 6.828 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF104476.D
Acq: 13 Apr 2018 14:14

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.9	8.2	12.2





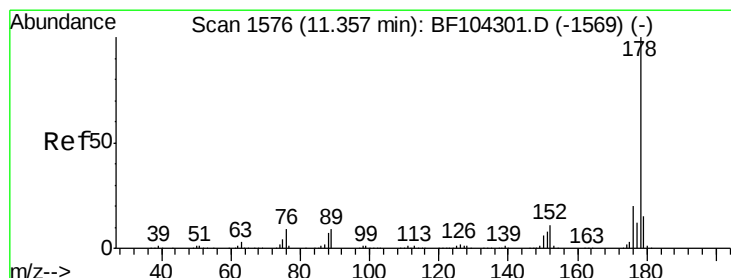
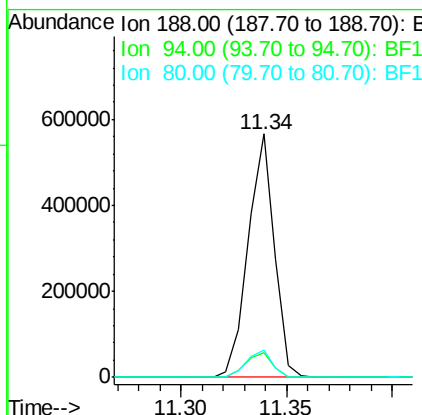
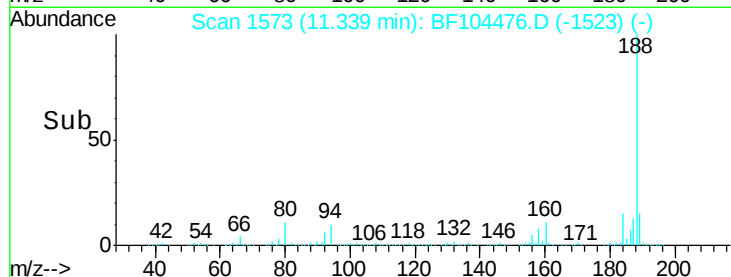
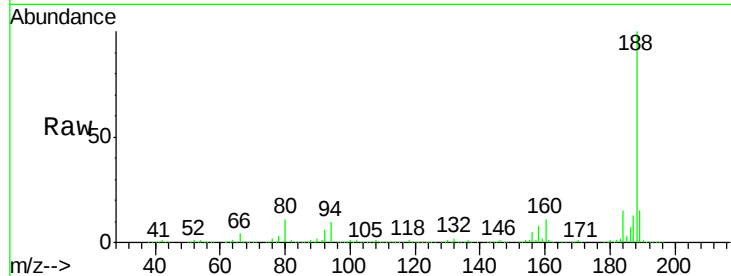
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF104476.D
Acq: 13 Apr 2018 14:14

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.9	8.5	12.7
80	11.1	9.2	13.8

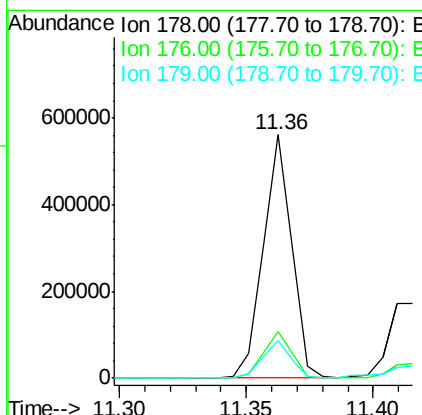
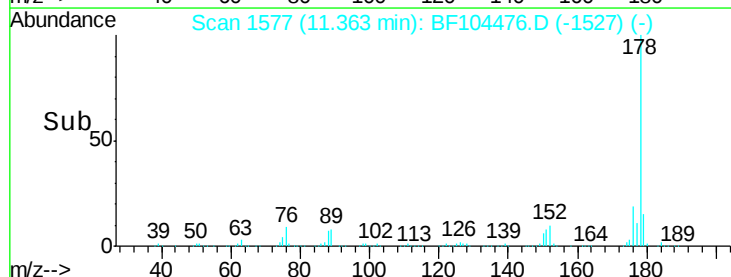
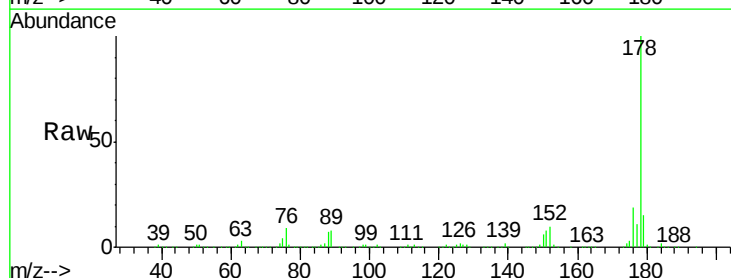
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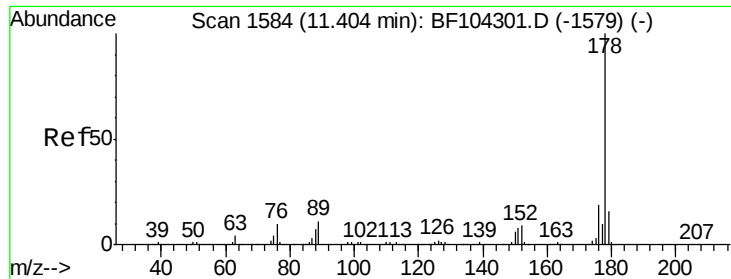
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#70
Phenanthrene
Concen: 16.275 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF104476.D
Acq: 13 Apr 2018 14:14

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.2	13.0	19.6





#71

Anthracene

Concen: 5.583 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF104476.D

Acq: 13 Apr 2018 14:14

Instrument :

BNA_F

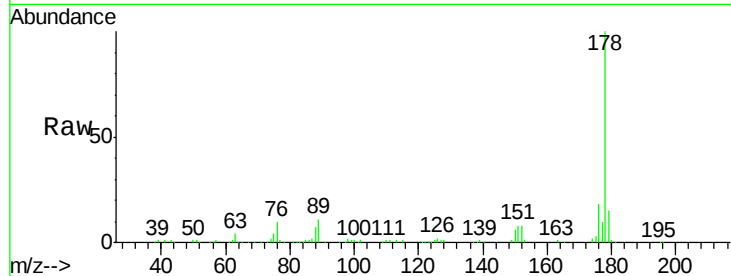
ClientSampleId :

135-348

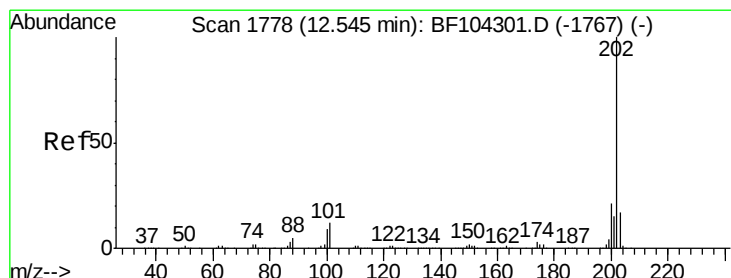
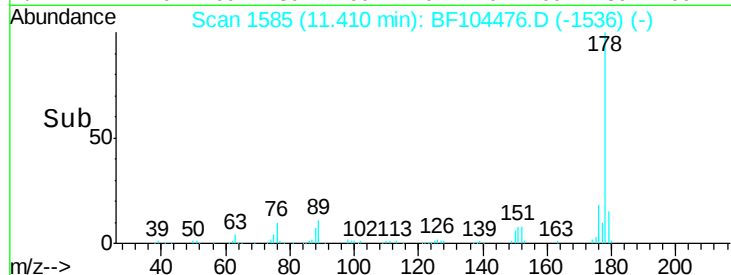
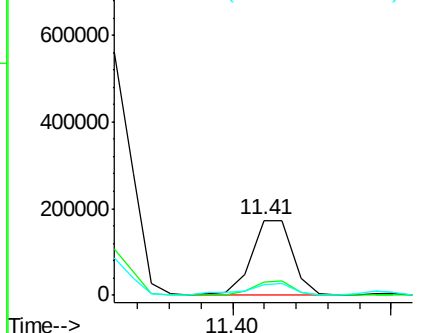
Tot Ion:	178	Resp:	154160
Ion Ratio	Lower	Upper	
178	100		
176	18.1	15.4	23.2
179	14.8	12.6	19.0

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 23.681 ng

RT: 12.56 min Scan# 1780

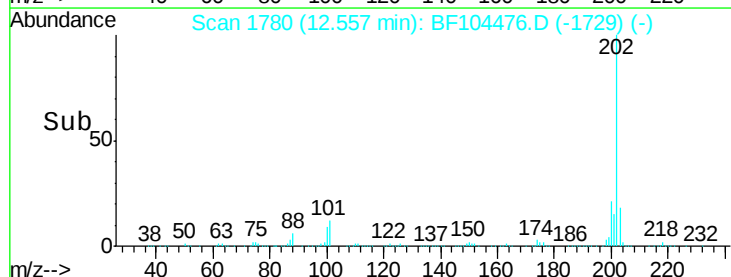
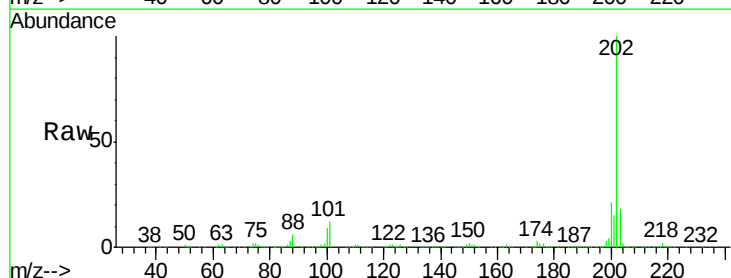
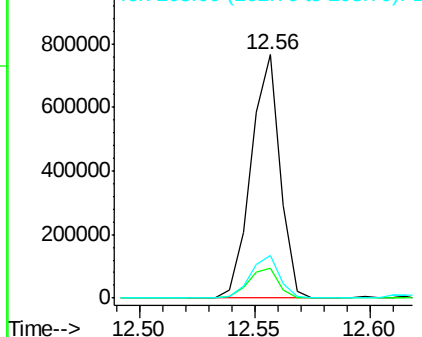
Delta R.T. -0.00 min

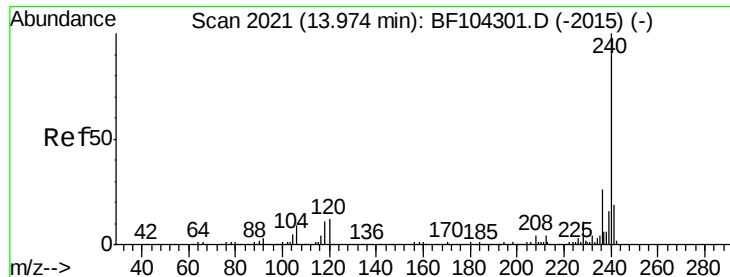
Lab File: BF104476.D

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Tgt Ion:	202	Resp:	672094
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	34.1
203	17.7	0.0	38.1

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF104476.D

Acq: 13 Apr 2018 14:14

Instrument :

BNA_F

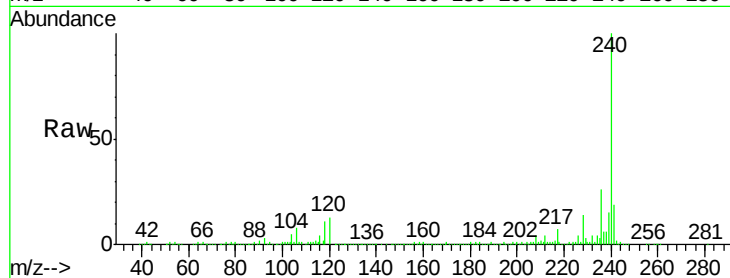
ClientSampleId :

135-348

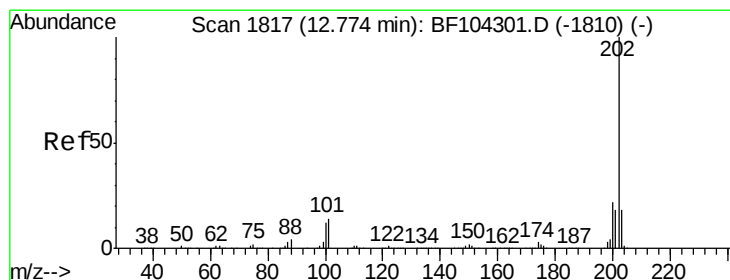
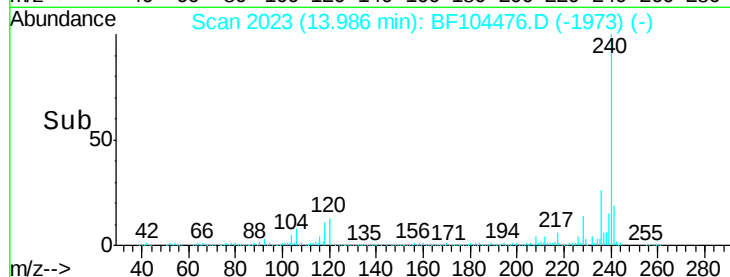
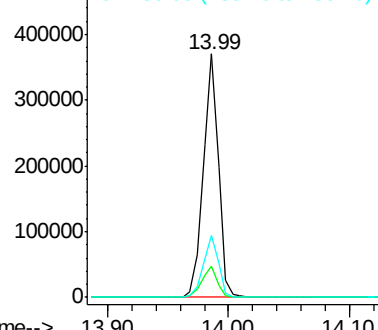
Tot Ion:	240	Resp:	323545
Ion Ratio		Lower	Upper
240	100		
120	12.5	9.5	14.3
236	25.5	20.7	31.1

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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: 23.690 ng

RT: 12.79 min Scan# 1819

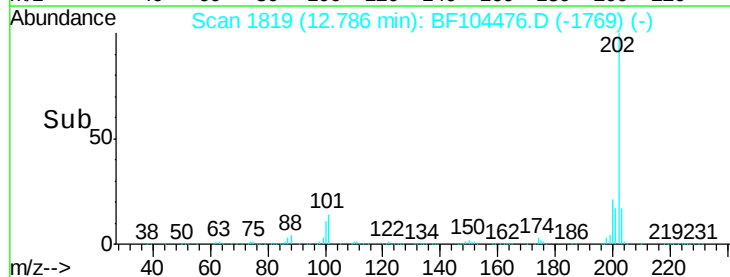
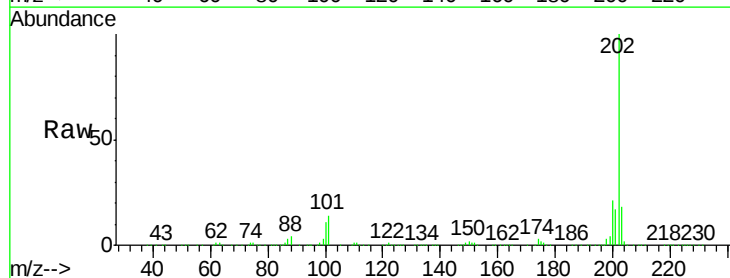
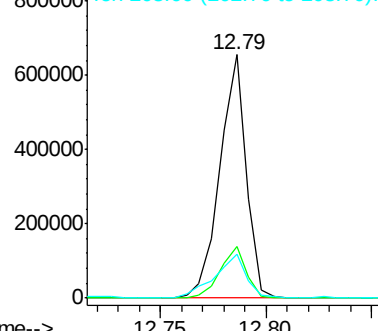
Delta R.T. -0.01 min

Lab File: BF104476.D

Acq: 13 Apr 2018 14:14

Tgt Ion:	202	Resp:	568138
Ion Ratio		Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.8	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





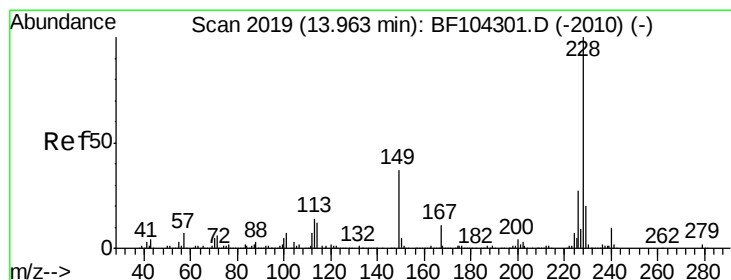
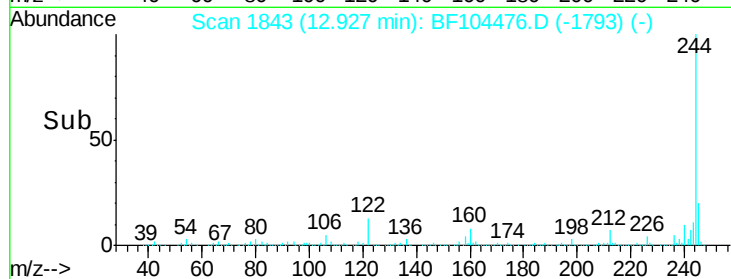
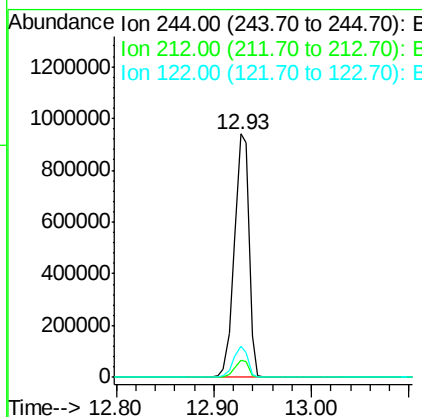
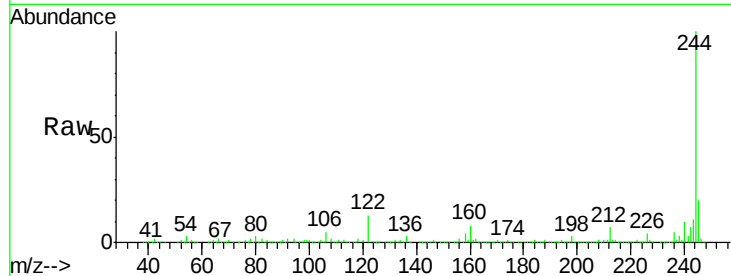
#78
 Terphenyl-d14
 Concen: 68.868 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF104476.D
 Acq: 13 Apr 2018 14:14

Instrument :
 BNA_F
 ClientSampleId :
 135-348

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.0	11.0	16.4

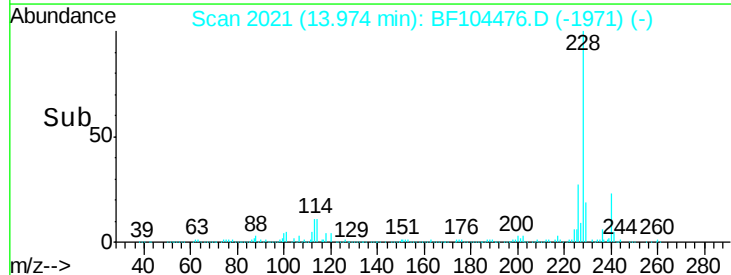
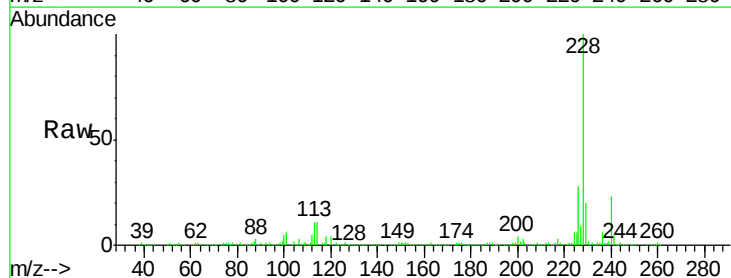
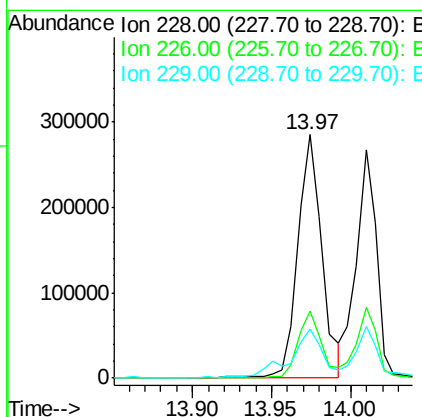
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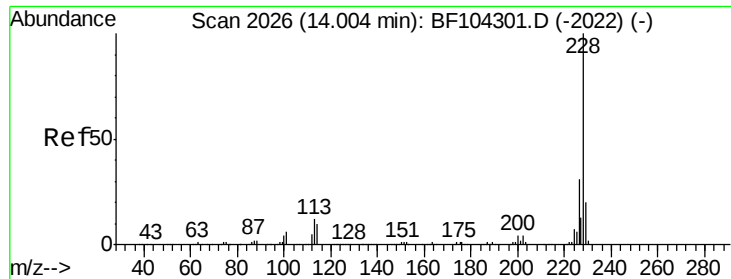
Sohil
 4/16/2018 3:10:01 PM



#80
 Benzo(a)anthracene
 Concen: 15.549 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF104476.D
 Acq: 13 Apr 2018 14:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.9	15.8	23.6





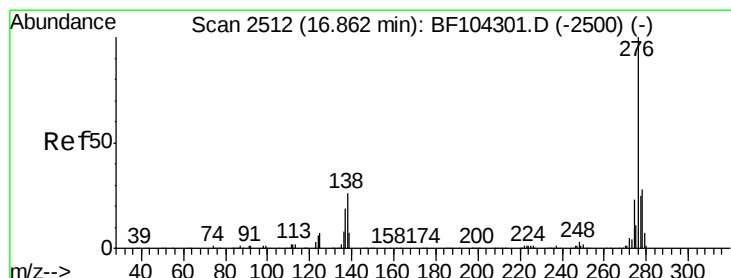
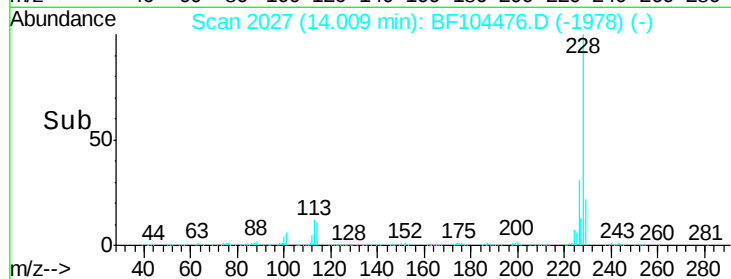
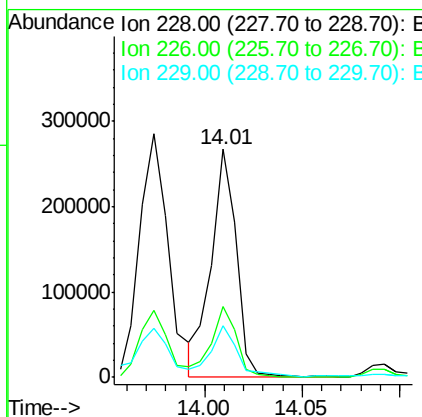
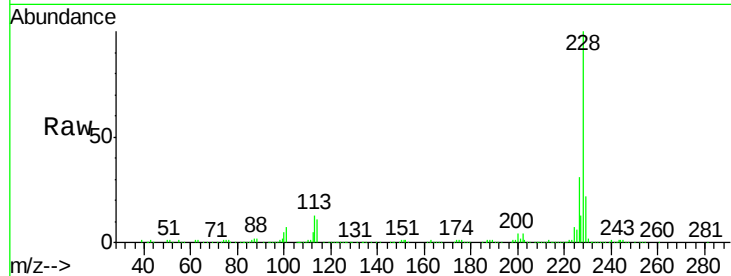
#82
Chrvsene
Concen: 12.057 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF104476.D
Acq: 13 Apr 2018 14:14

Instrument :
BNA_F
ClientSampleId :
135-348

Tot Ion	Ratio	Resp	Lower	Upper
228	100	239369		
226	31.1	25.0	37.6	
229	22.4	16.2	24.4	

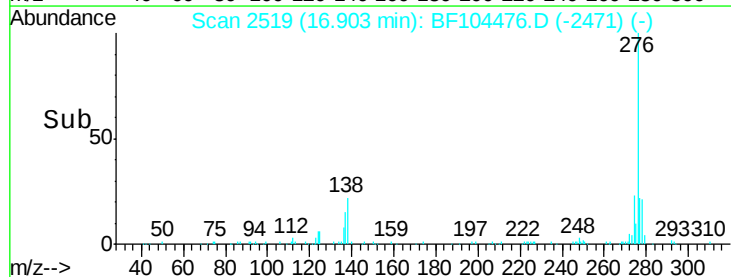
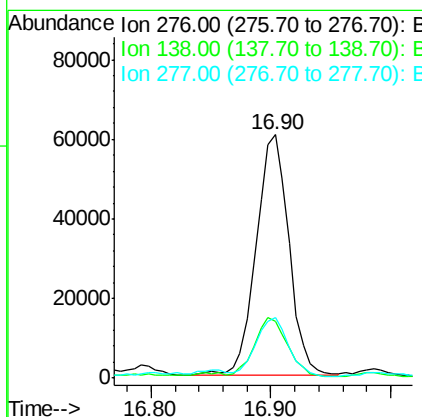
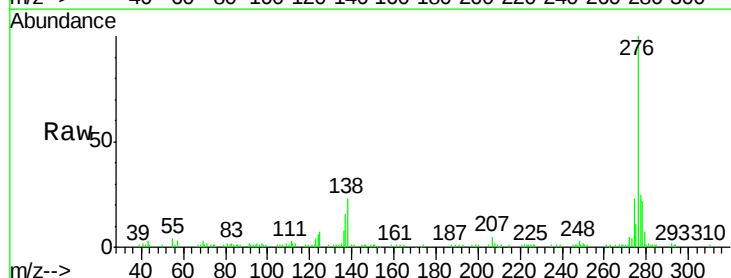
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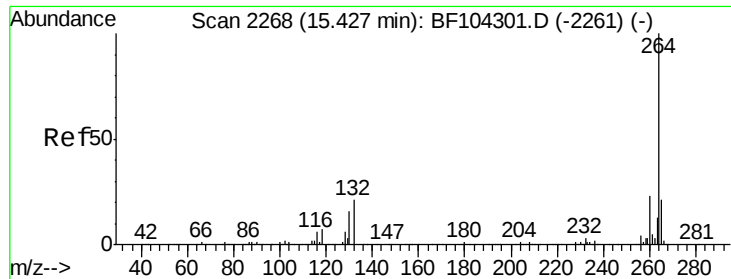
Sohil
4/16/2018 3:10:01 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 6.819 ng m
RT: 16.90 min Scan# 2519
Delta R.T. -0.02 min
Lab File: BF104476.D
Acq: 13 Apr 2018 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	115009		
138	5.4	25.0	37.6#	
277	5.1	20.1	30.1#	





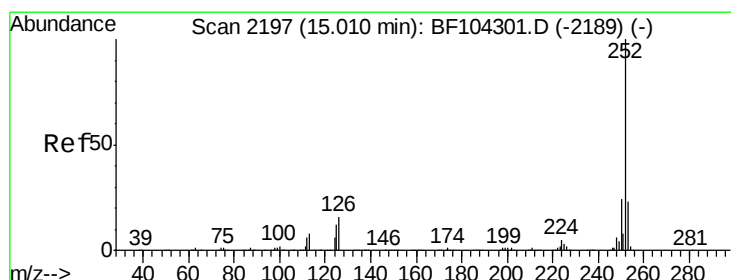
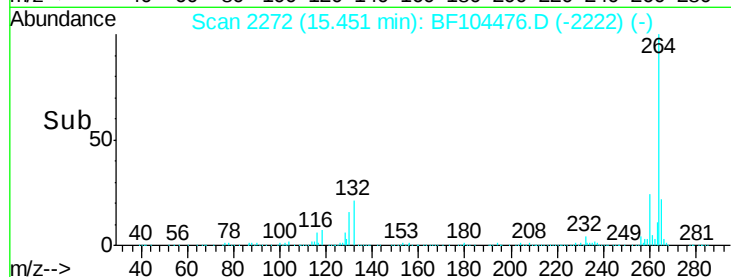
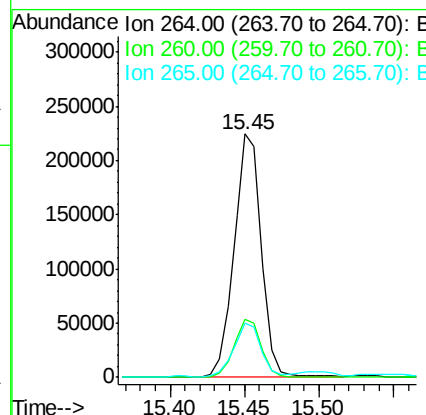
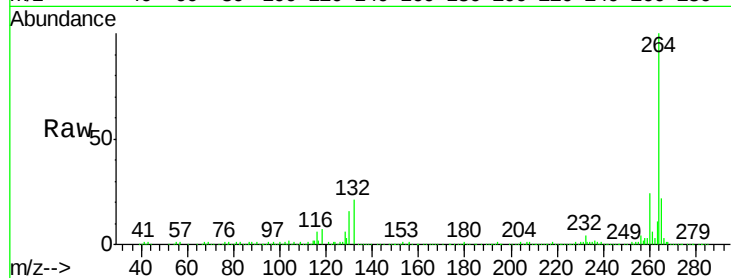
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104476.D
Acq: 13 Apr 2018 14:14

Instrument :
BNA_F
ClientSampleId :
135-348

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.5	17.5	26.3

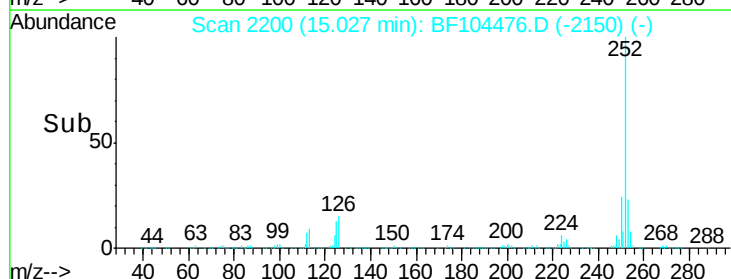
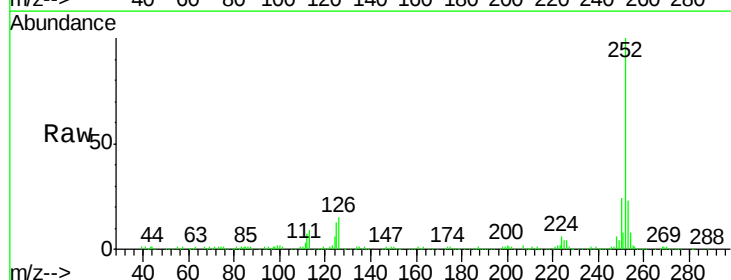
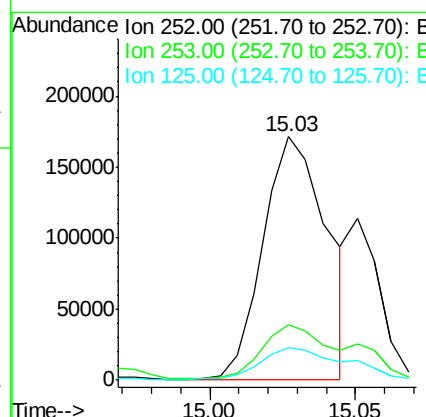
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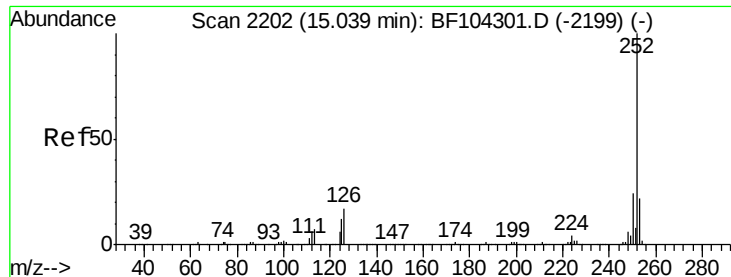
Sohil
4/16/2018 3:10:01 PM



#87
Benzo(b)fluoranthene
Concen: 14.672 ng m
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF104476.D
Acq: 13 Apr 2018 14:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	13.2	9.0	13.6





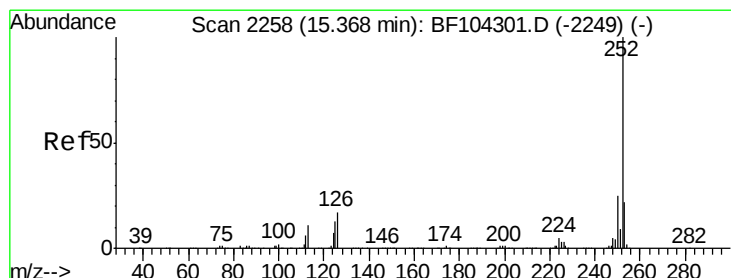
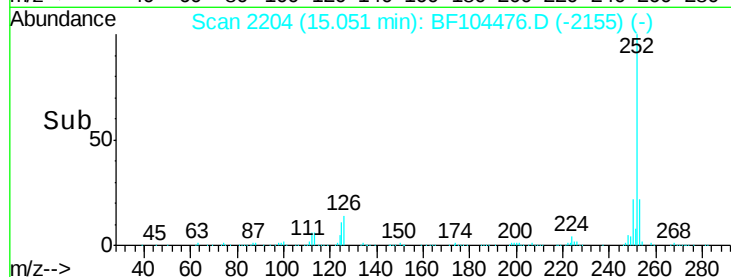
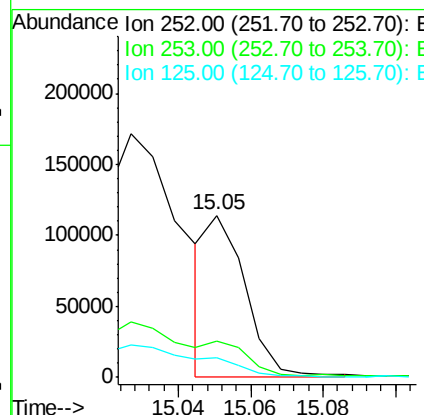
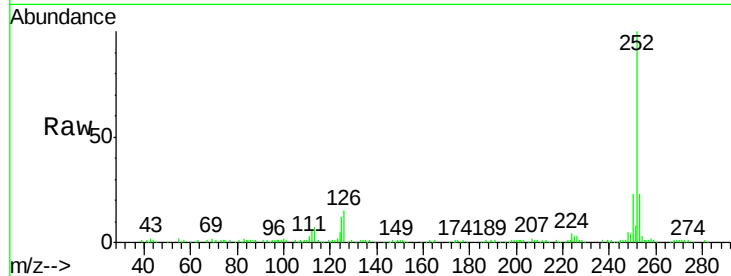
#88
Benzo(k)fluoranthene
Concen: 4.937 ng m
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF104476.D
Acq: 13 Apr 2018 14:14

Instrument :
BNA_F
ClientSampleId :
135-348

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	12.1	10.2	15.2

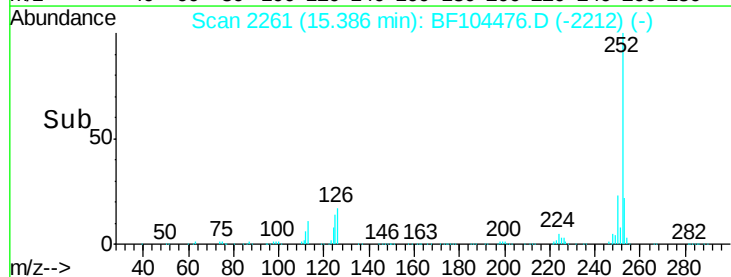
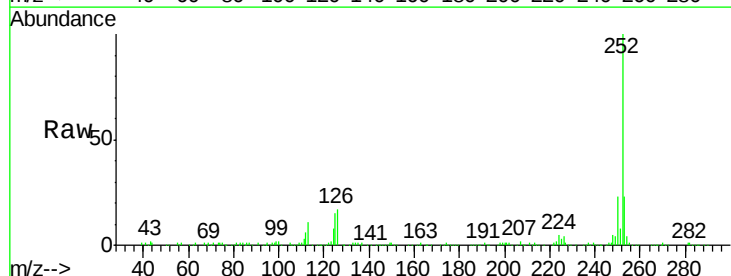
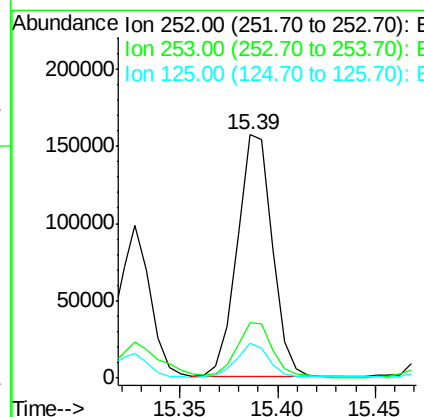
Manual Integrations
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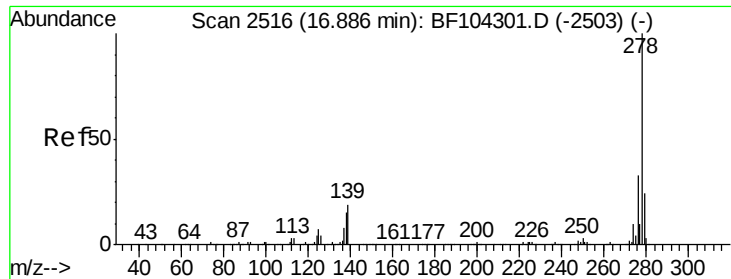
Sohil
4/16/2018 3:10:01 PM



#89
Benzo(a)pyrene
Concen: 12.173 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF104476.D
Acq: 13 Apr 2018 14:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	14.5	9.8	14.6





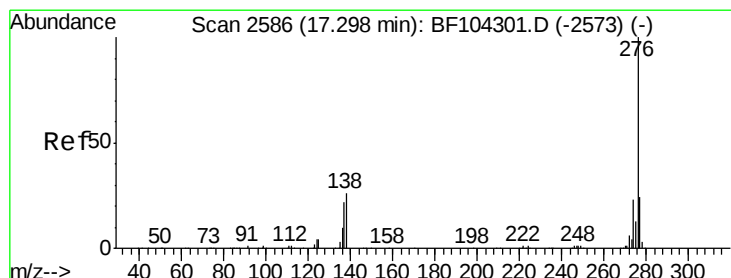
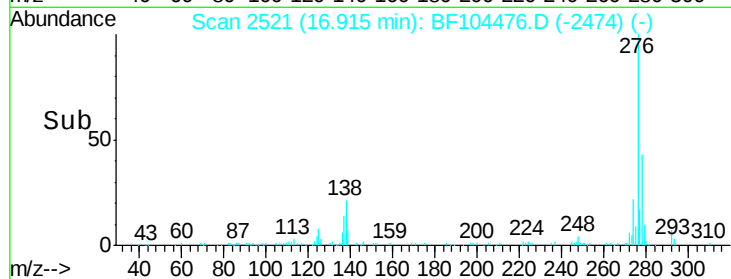
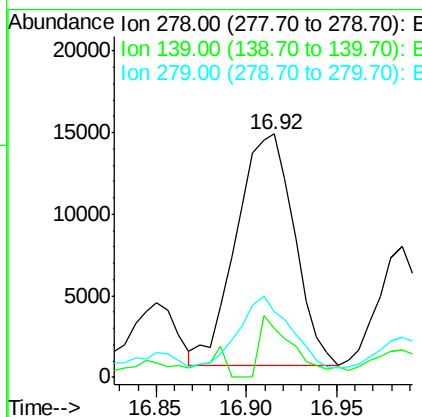
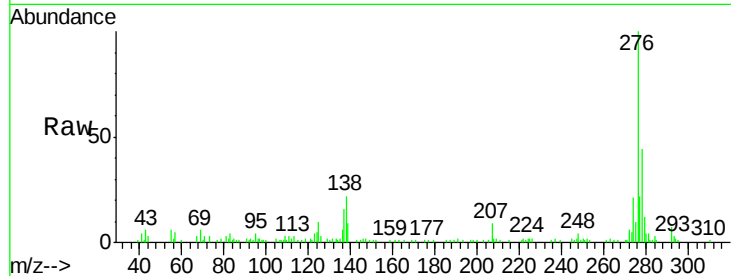
#90
Dibenzo(a,h)anthracene
Concen: 2.393 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.02 min
Lab File: BF104476.D
Acq: 13 Apr 2018 14:14

Instrument :
BNA_F
ClientSampled :
135-348

Tot Ion:	278	Resp:	31584
Ion Ratio	Lower	Upper	
278	100		
139	19.9	15.9	23.9
279	27.2	19.0	28.4

Manual Integrations
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4/16/2018 3:10:01 PM



#91
Benzo(g,h,i)perylene
Concen: 7.849 ng
RT: 17.34 min Scan# 2594
Delta R.T. -0.02 min
Lab File: BF104476.D
Acq: 13 Apr 2018 14:14

Tgt Ion:	276	Resp:	100372
Ion Ratio	Lower	Upper	
276	100		
277	25.5	17.9	26.9
138	22.4	21.8	32.8

