

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041018\
 Data File : BF104409.D
 Acq On : 10 Apr 2018 15:27
 Operator : JU/SJ
 Sample : J2156-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-040918

Manual Integrations
 APPROVED

Sohil
 4/11/2018 5:17:02 PM

Quant Time: Apr 10 16:35:53 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 12:04:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	133748	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	525845	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	219034	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	315734	20.00	ng	0.00
75) Chrysene-d12	13.99	240	260248	20.00	ng	0.00
86) Perylene-d12	15.46	264	193835	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	396916	45.38	ng	0.00
7) Phenol-d6	6.43	99	488029	45.41	ng	-0.01
23) Nitrobenzene-d5	7.37	82	282658	35.10	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	86585	38.11	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	519108	37.44	ng	0.00
78) Terphenyl-d14	12.93	244	369775	32.39	ng	0.00
Target Compounds						
31) Naphthalene	8.11	128	166715	6.367	ng	Qvalue 100
37) 2-Methylnaphthalene	8.80	142	69038	4.076	ng	99
45) 1,1'-Biphenyl	9.26	154	44651	2.427	ng	98
48) Acenaphthylene	9.71	152	78472	3.441	ng	99
49) Dimethylphthalate	9.56	163	39381	2.280	ng	# 99
51) Acenaphthene	9.88	154	159214	11.443	ng	98
54) Dibenzofuran	10.05	168	215787	11.129	ng	98
57) Fluorene	10.40	166	303658	21.516	ng	100
70) Phenanthrene	11.37	178	1379161	78.437	ng	99
71) Anthracene	11.41	178	437464	24.476	ng	99
72) Carbazole	11.56	167	138999	7.959	ng	99
73) Di-n-butylphthalate	11.90	149	59320	2.780	ng	99
74) Fluoranthene	12.56	202	1464164	79.700	ng	98
77) Pyrene	12.79	202	1338242	69.373	ng	99
80) Benzo(a)anthracene	13.97	228	719502	46.278	ng	96
82) Chrysene	14.02	228	619209	38.774	ng	98
83) Bis(2-ethylhexyl)phthalate	13.96	149	38316	3.278	ng	98
85) Indeno(1,2,3-cd)pyrene	16.91	276	229398m	16.910	ng	
87) Benzo(b)fluoranthene	15.03	252	649578m	53.060	ng	
88) Benzo(k)fluoranthene	15.06	252	175123m	15.152	ng	
89) Benzo(a)pyrene	15.40	252	421252	38.457	ng	98
90) Dibenz(a,h)anthracene	16.92	278	59783m	6.645	ng	
91) Benzo(g,h,i)perylene	17.35	276	215440	24.718	ng	96

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

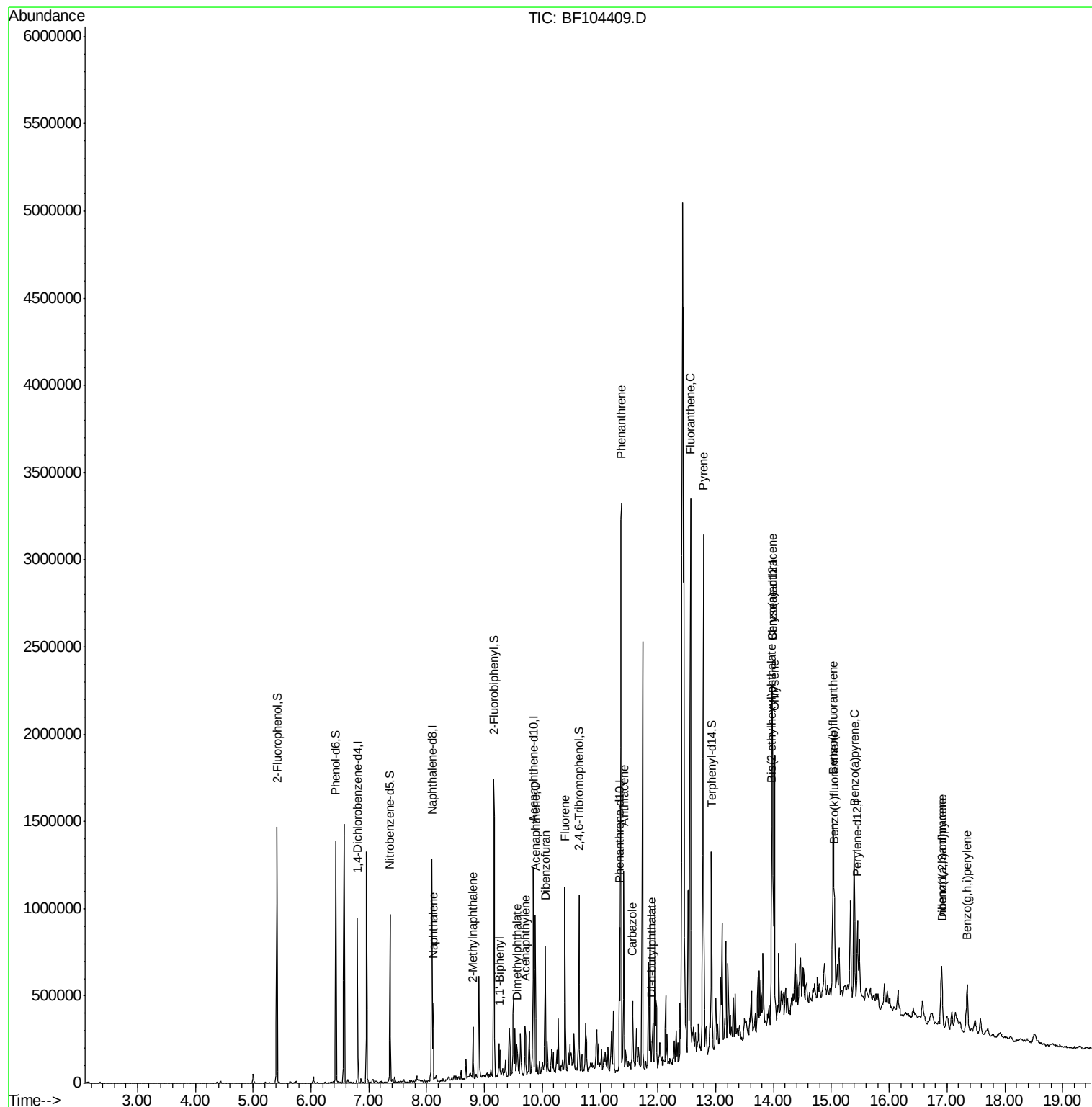
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041018\
Data File : BF104409.D
Acq On : 10 Apr 2018 15:27
Operator : JU/SJ
Sample : J2156-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

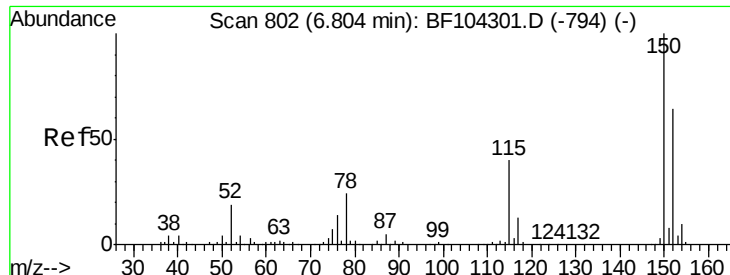
Instrument :
BNA_F
ClientSampleId :
HD-01-040918

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#1

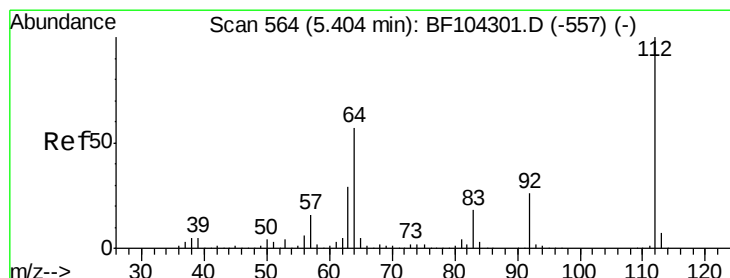
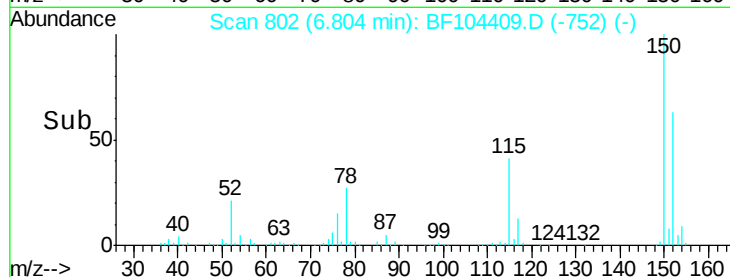
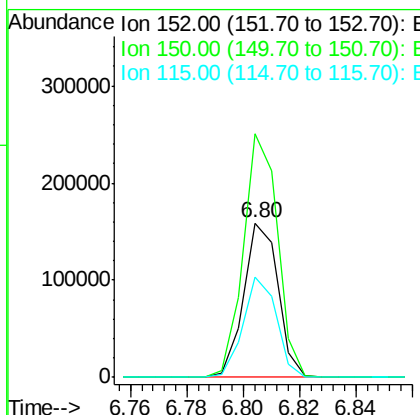
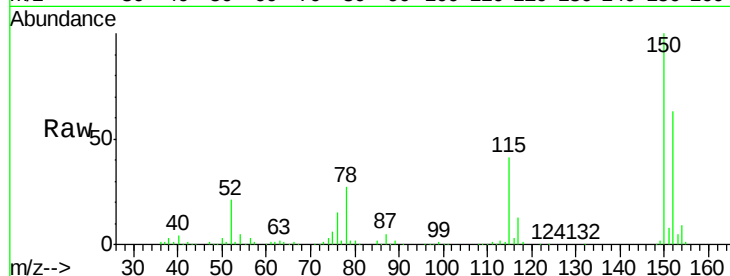
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF104409.D
Acq: 10 Apr 2018 15:27

Instrument :
BNA_F
ClientSampleId :
HD-01-040918

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	64.6	50.1	75.1

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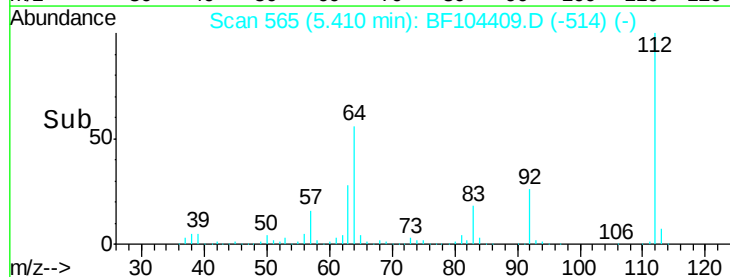
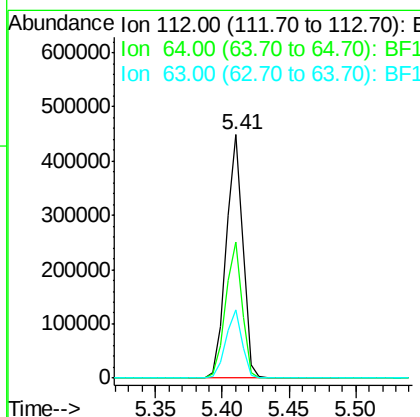
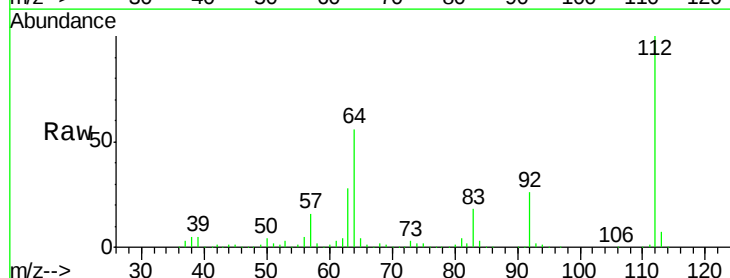
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#5

2-Fluorophenol
Concen: 45.377 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF104409.D
Acq: 10 Apr 2018 15:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.9	71.9
63	28.1	23.7	35.5





#7

Phenol-d6

Concen: 45.409 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF104409.D

Acq: 10 Apr 2018 15:27

Instrument :

BNA_F

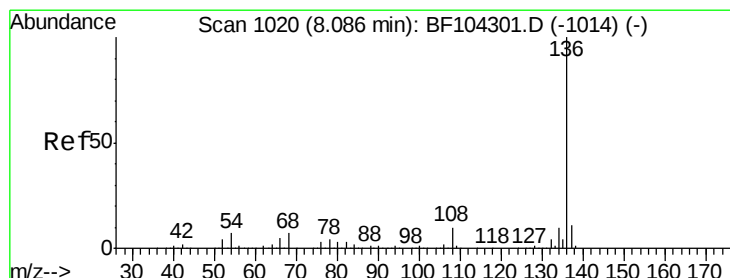
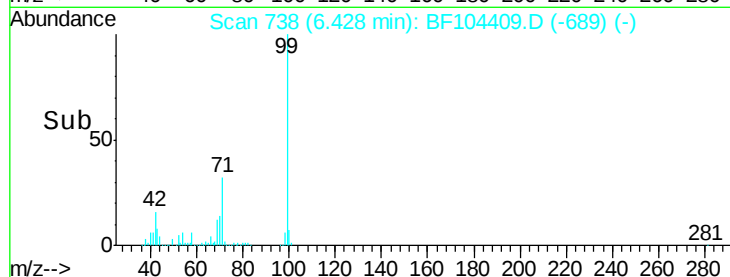
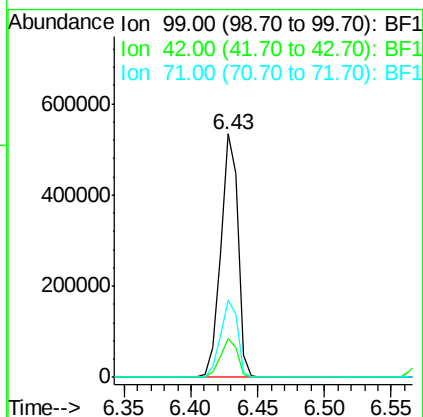
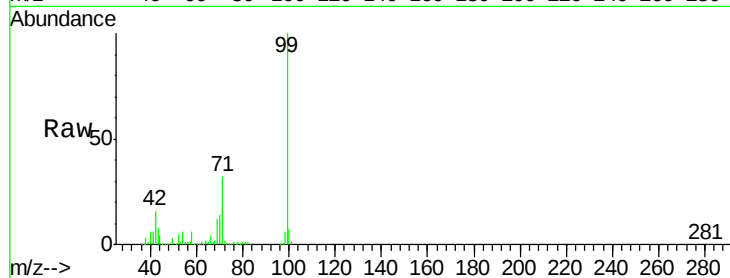
ClientSampleId :

HD-01-040918

Tot Ion:	99	Resp:	488029
Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.5	21.7
71	31.9	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

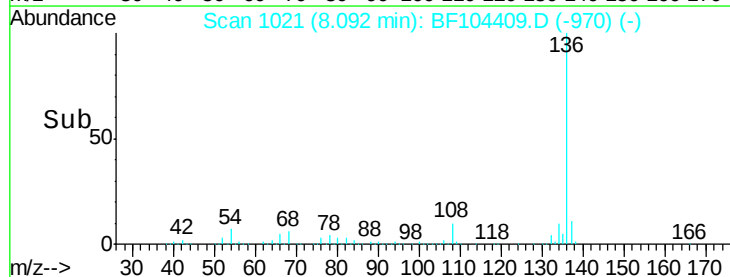
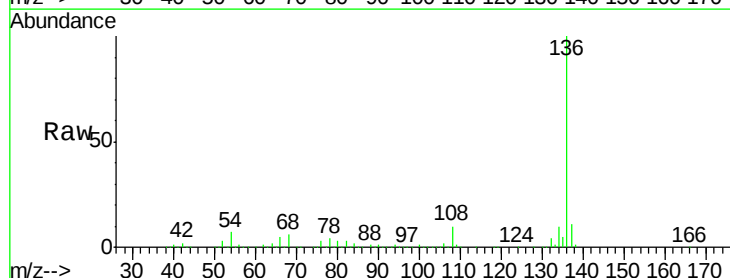
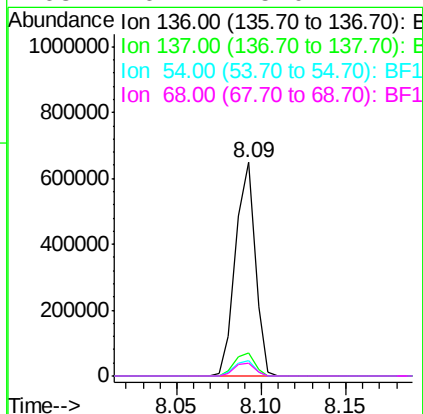
RT: 8.09 min Scan# 1021

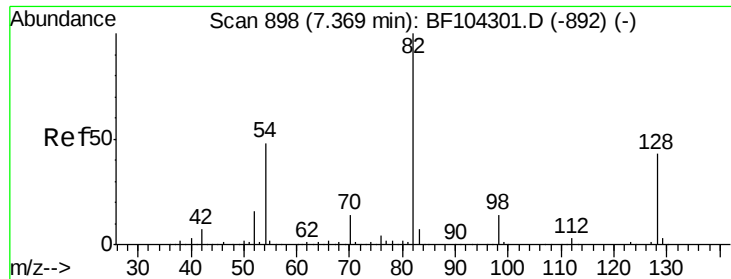
Delta R.T. 0.00 min

Lab File: BF104409.D

Acq: 10 Apr 2018 15:27

Tgt Ion:	136	Resp:	525845
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.0	6.6	9.8
68	6.1	5.0	7.4





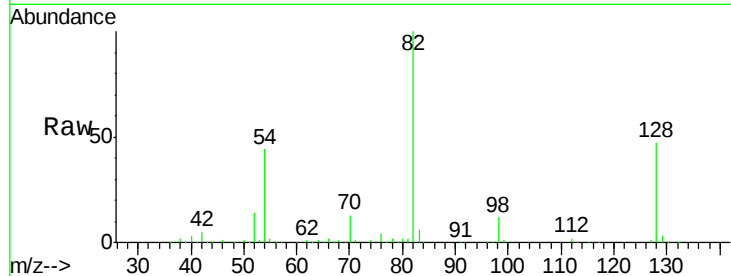
#23
Nitrobenzene-d5
Concen: 35.100 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104409.D
Acq: 10 Apr 2018 15:27

Instrument :
BNA_F
ClientSampleId :
HD-01-040918

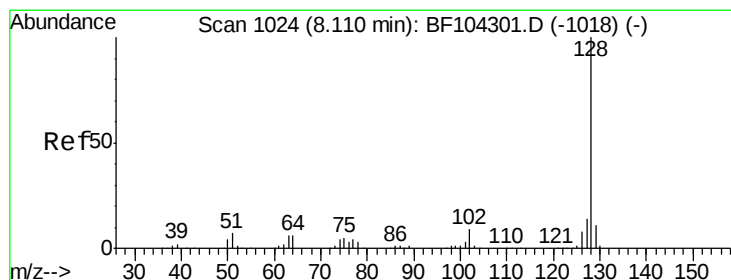
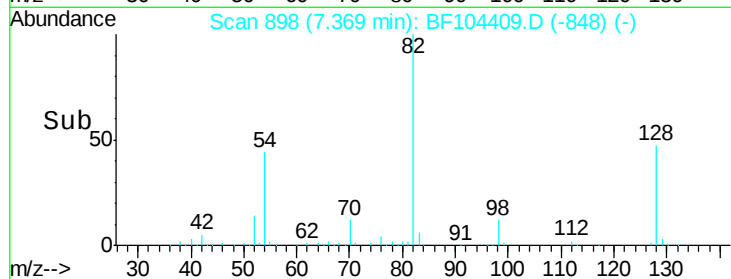
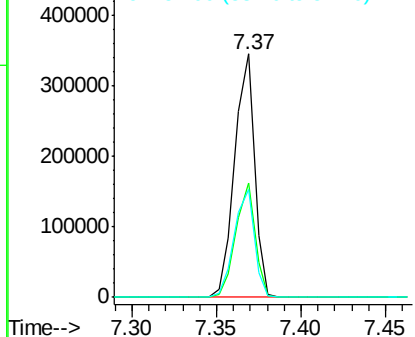
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.2	36.1	54.1	
54	44.1	41.4	62.2	

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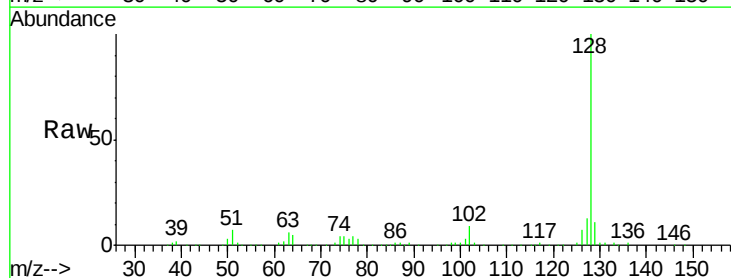


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

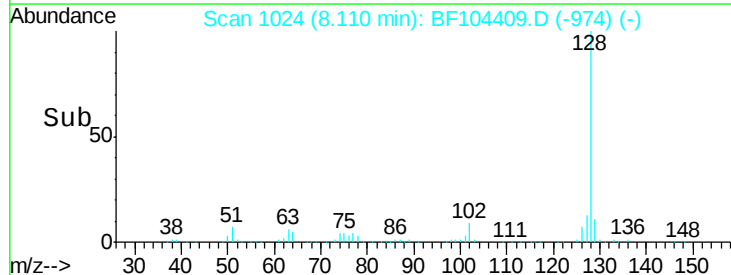
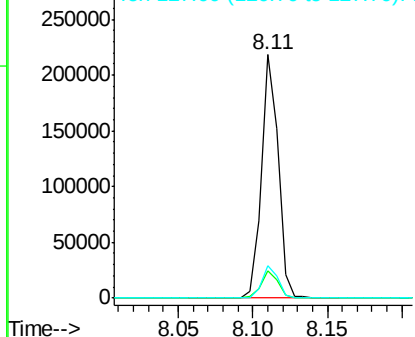


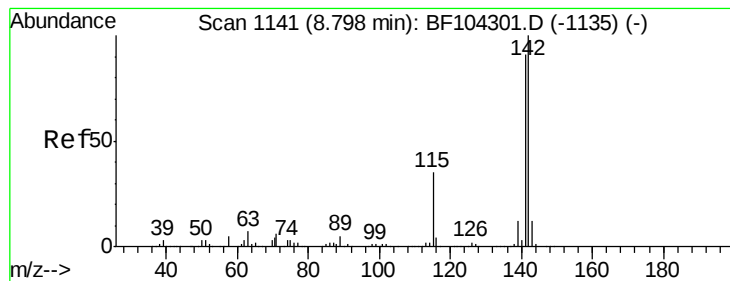
#31
Naphthalene
Concen: 6.367 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF104409.D
Acq: 10 Apr 2018 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.0	8.8	13.2	
127	13.3	10.9	16.3	



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





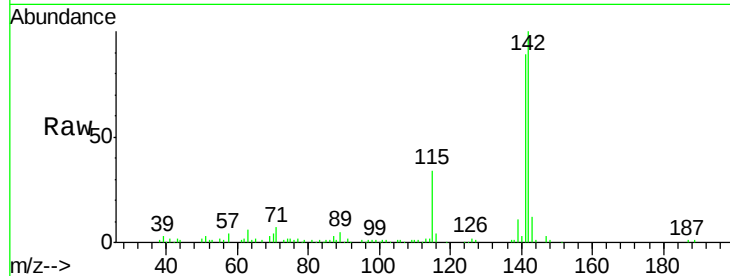
#37
2-Methylnaphthalene
Concen: 4.076 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF104409.D
Acq: 10 Apr 2018 15:27

Instrument :
BNA_F
ClientSampleId :
HD-01-040918

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	33.9	26.1	39.1

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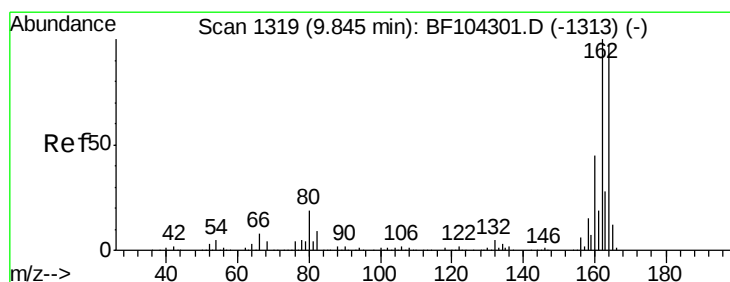
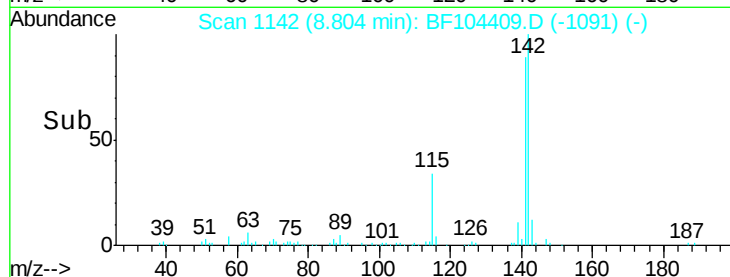
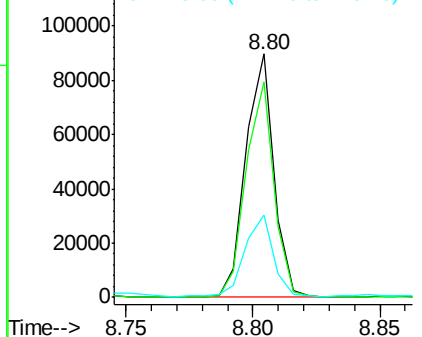


Abundance

Ion 142.00 (141.70 to 142.70): E

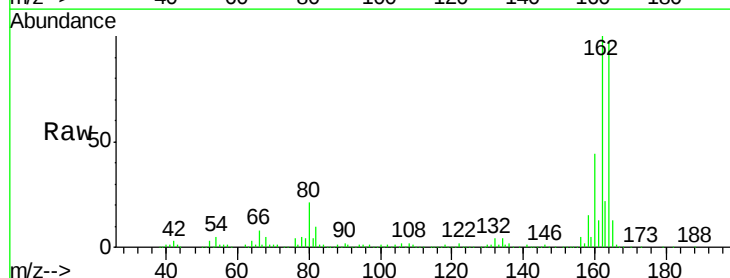
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF104409.D
Acq: 10 Apr 2018 15:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	45.7	38.3	57.5

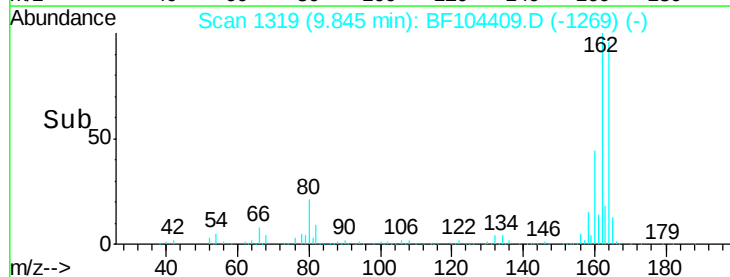
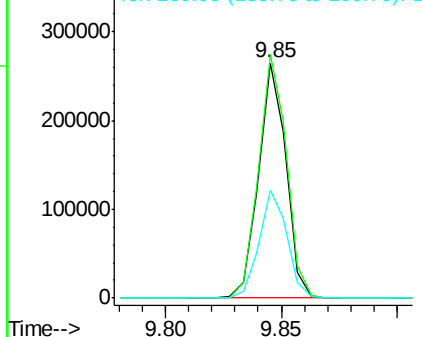


Abundance

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





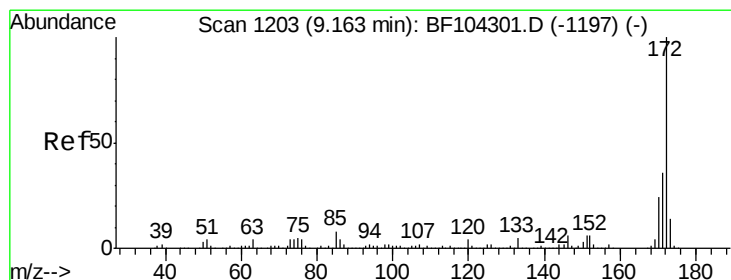
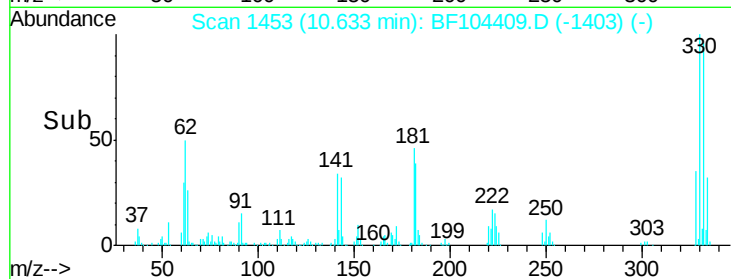
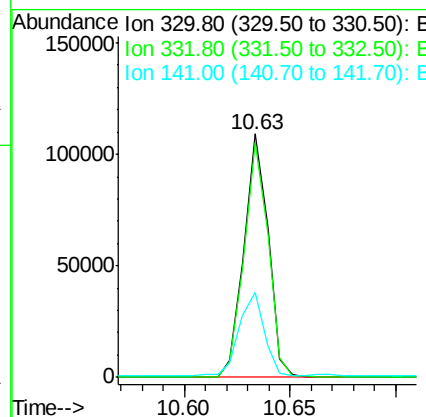
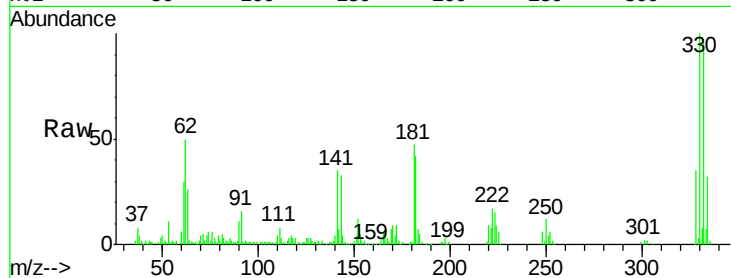
#41
 2,4,6-Tribromophenol
 Concen: 38.108 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104409.D
 Acq: 10 Apr 2018 15:27

Instrument :
 BNA_F
 ClientSampled :
 HD-01-040918

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	35.6	29.9	44.9

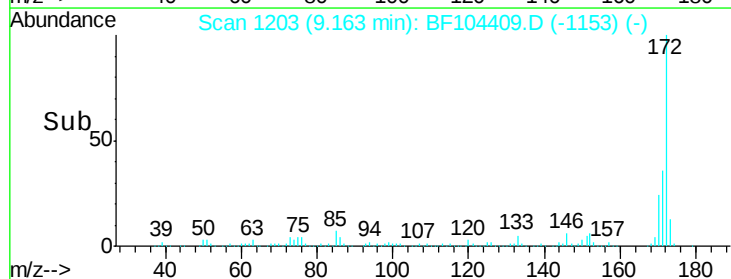
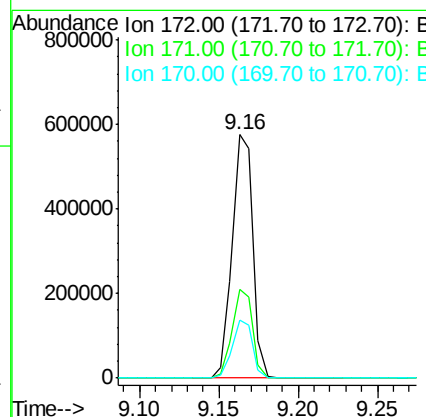
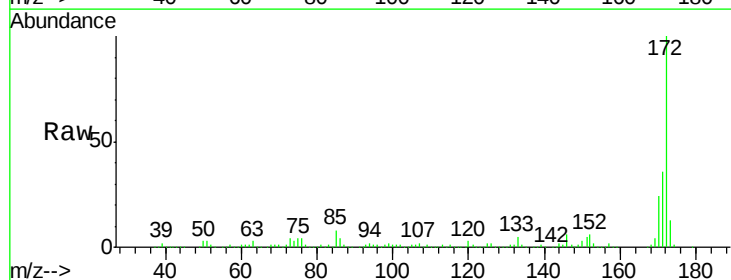
Manual Integrations
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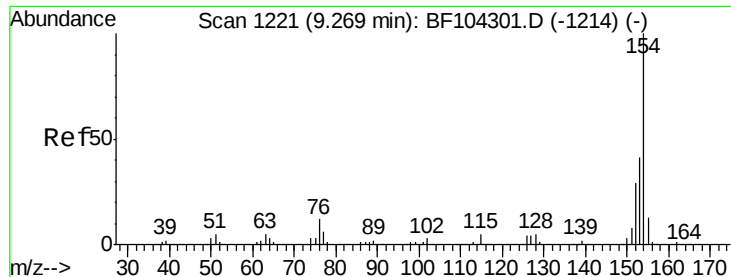
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#44
 2-Fluorobiphenyl
 Concen: 37.440 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104409.D
 Acq: 10 Apr 2018 15:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.9	19.6	29.4





#45

1,1'-Biphenyl

Concen: 2.427 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BF104409.D

Acq: 10 Apr 2018 15:27

Instrument :

BNA_F

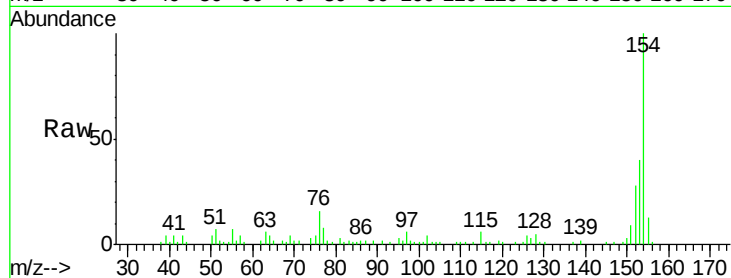
ClientSampleId :

HD-01-040918

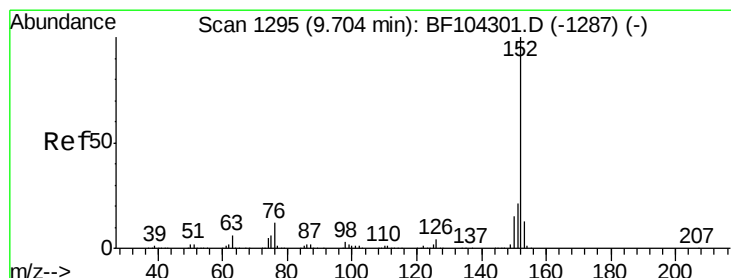
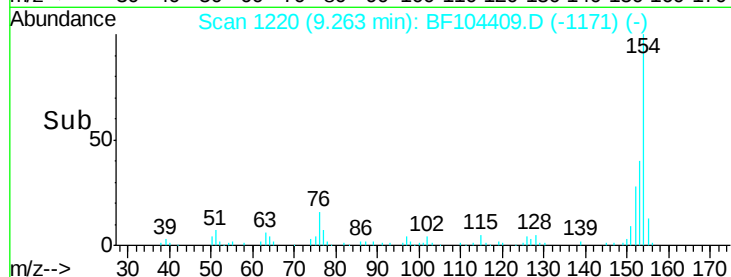
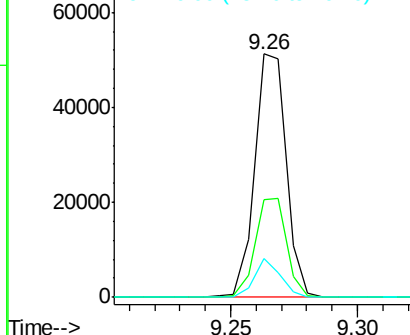
Tot Ion:	154	Resp:	44651
Ion Ratio	Lower	Upper	
154	100		
153	40.2	21.3	61.3
76	15.9	0.0	34.0

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#48

Acenaphthylene

Concen: 3.441 ng

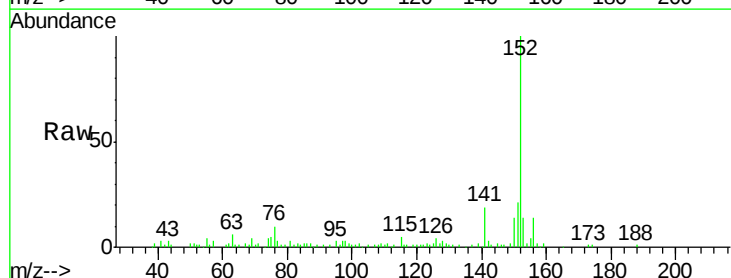
RT: 9.71 min Scan# 1296

Delta R.T. 0.00 min

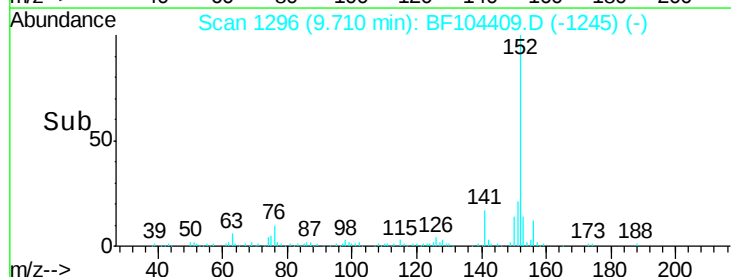
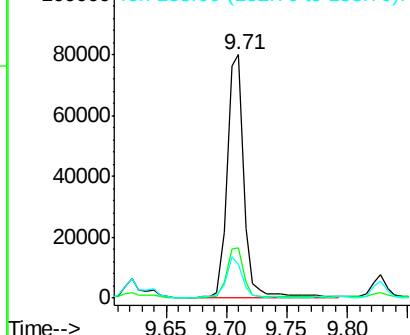
Lab File: BF104409.D

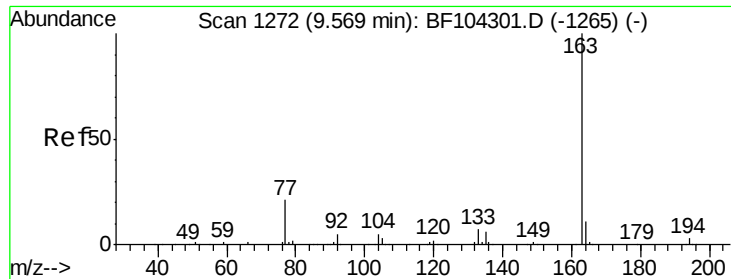
Acq: 10 Apr 2018 15:27

Tgt Ion:	152	Resp:	78472
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.3	24.5
153	13.6	10.7	16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





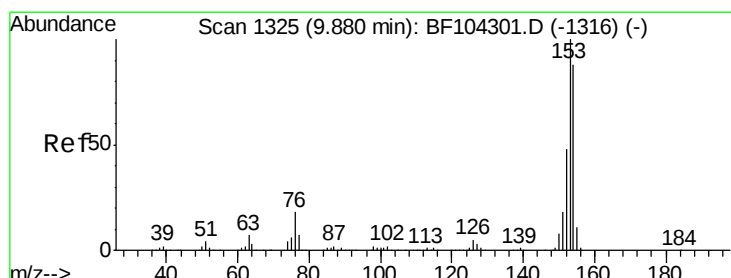
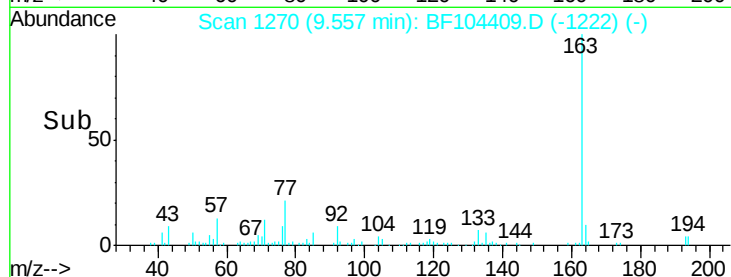
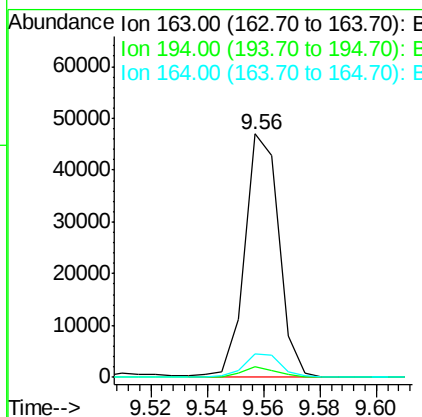
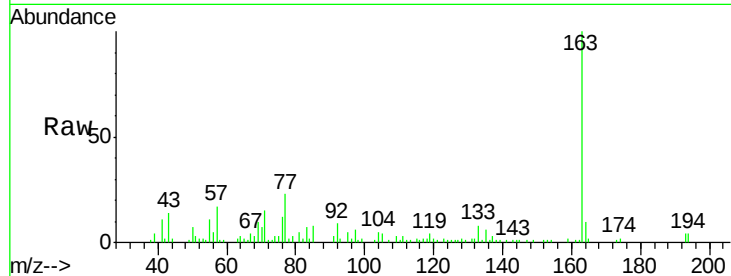
#49
Dimethylphthalate
Concen: 2.280 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF104409.D
Acq: 10 Apr 2018 15:27

Instrument :
BNA_F
ClientSampleId :
HD-01-040918

Tot Ion	Ratio	Resp	Lower	Upper
163	100	39381		
194	4.4	2.7	4.1#	
164	9.9	8.2	12.2	

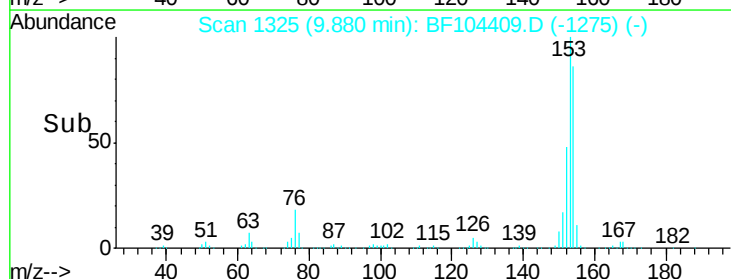
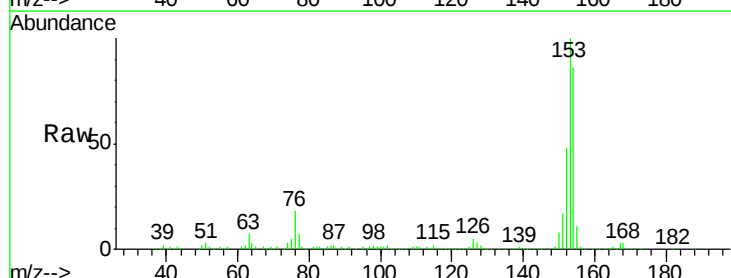
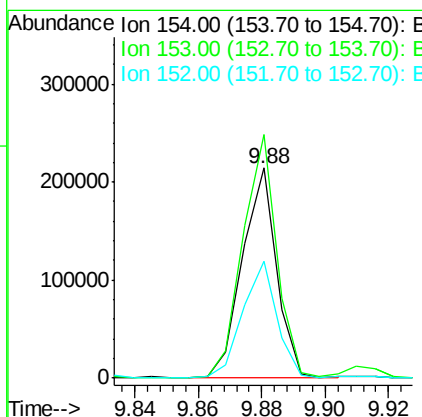
Manual Integrations
APPROVED

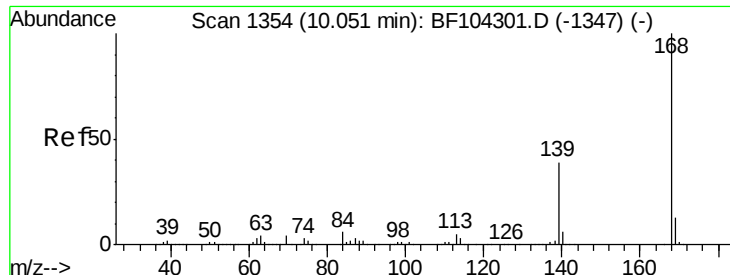
Sohil
4/11/2018 5:17:02 PM



#51
Acenaphthene
Concen: 11.443 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF104409.D
Acq: 10 Apr 2018 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	159214		
153	116.0	91.2	136.8	
152	55.6	43.8	65.8	





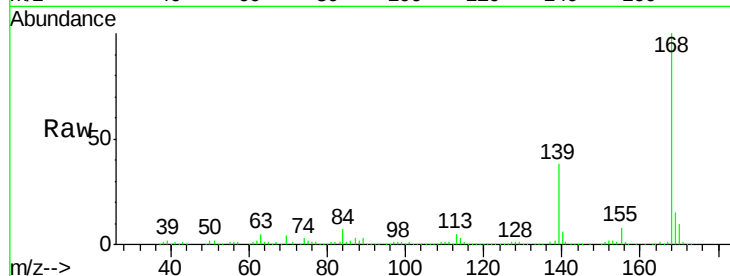
#54
Dibenzenofuran
Concen: 11.129 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF104409.D
Acq: 10 Apr 2018 15:27

Instrument :
BNA_F
ClientSampleId :
HD-01-040918

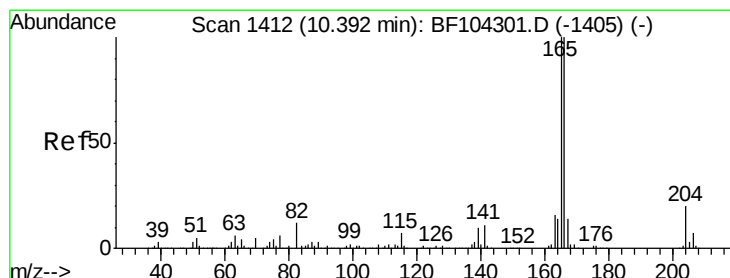
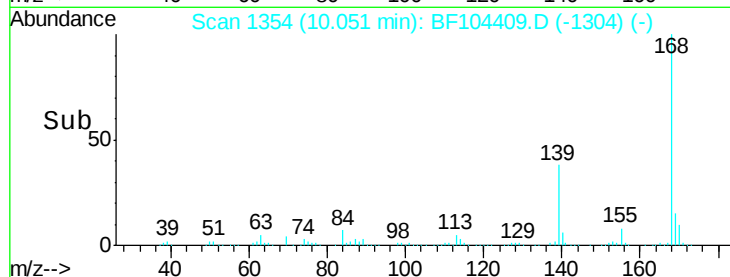
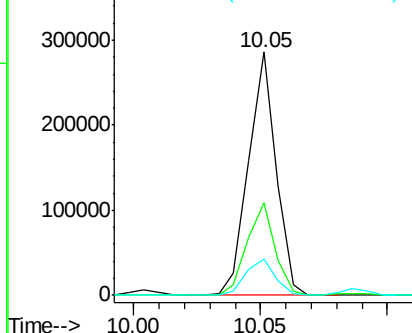
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.1	45.1
169	15.1	10.9	16.3

Manual Integrations
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Sohil
4/11/2018 5:17:02 PM



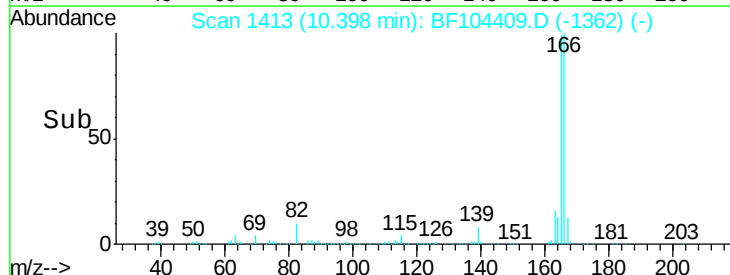
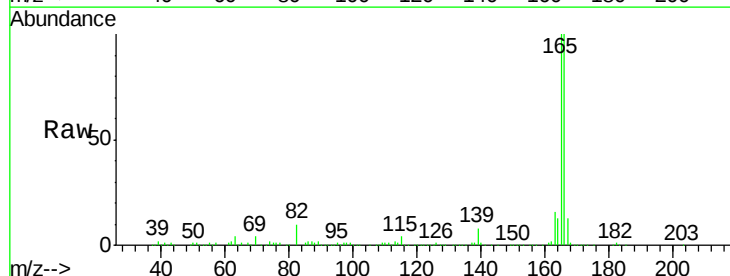
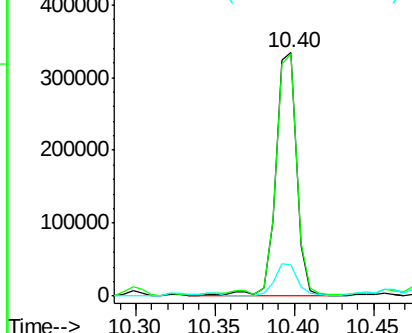
Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

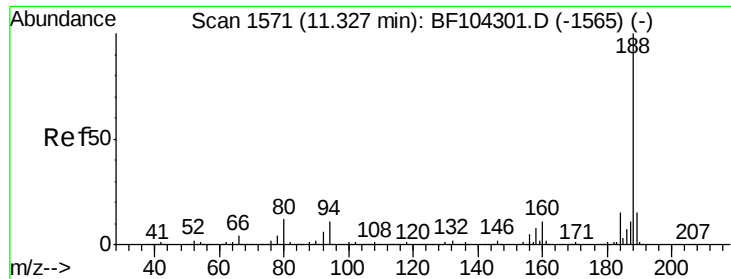


#57
Fluorene
Concen: 21.516 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF104409.D
Acq: 10 Apr 2018 15:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.8	119.8
167	12.9	10.6	16.0

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





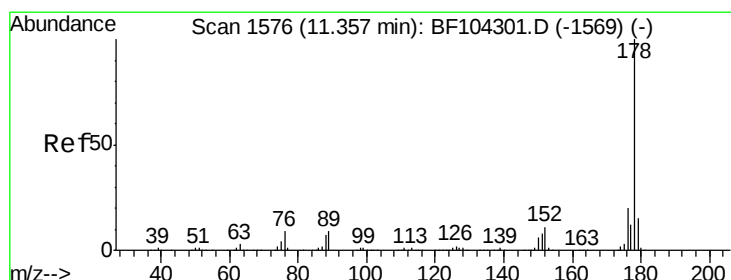
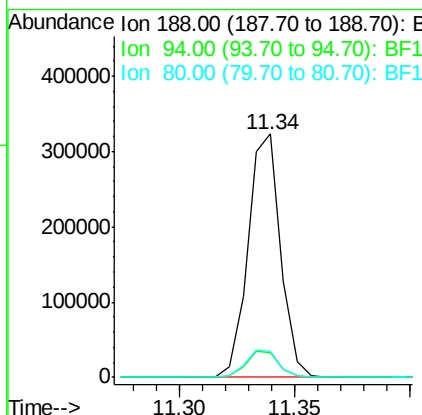
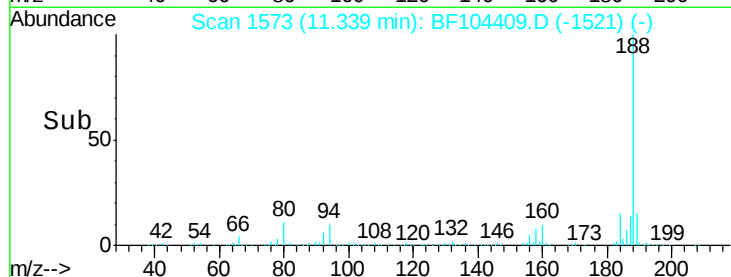
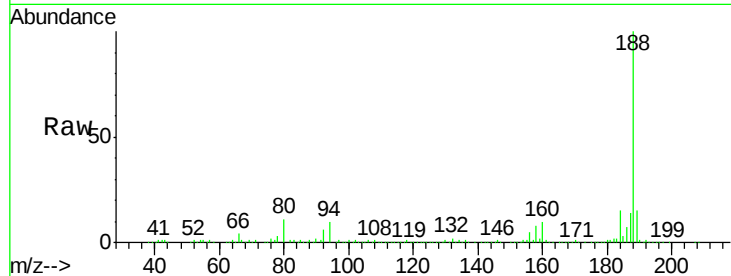
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104409.D
Acq: 10 Apr 2018 15:27

Instrument :
BNA_F
ClientSampleId :
HD-01-040918

Tot Ion	Ratio	Resp	Lower	Upper
188	100	315734		
94	10.2		8.5	12.7
80	10.9		9.2	13.8

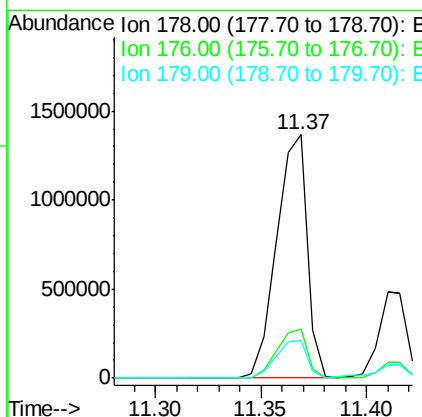
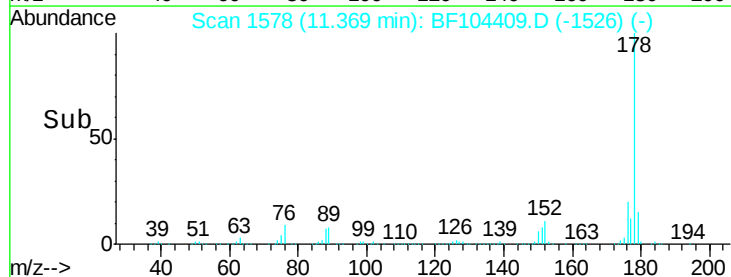
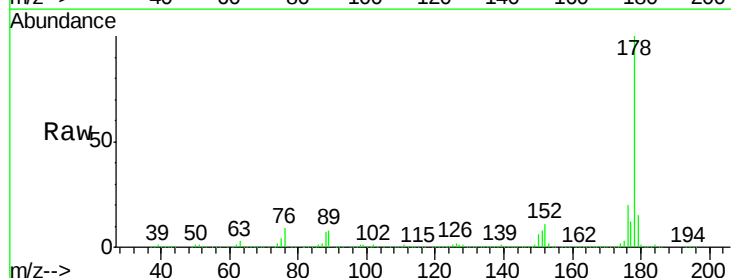
Manual Integrations
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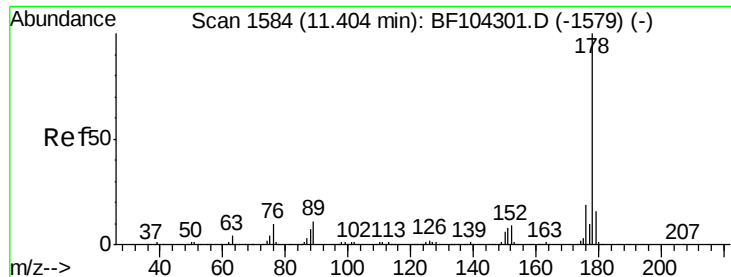
Sohil
4/11/2018 5:17:02 PM



#70
Phenanthrene
Concen: 78.437 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF104409.D
Acq: 10 Apr 2018 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1379161		
176	20.0		15.8	23.8
179	15.4		13.0	19.6





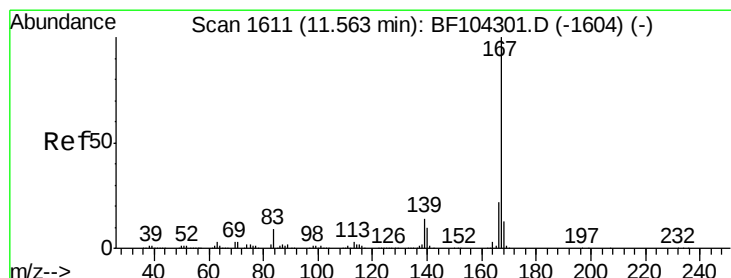
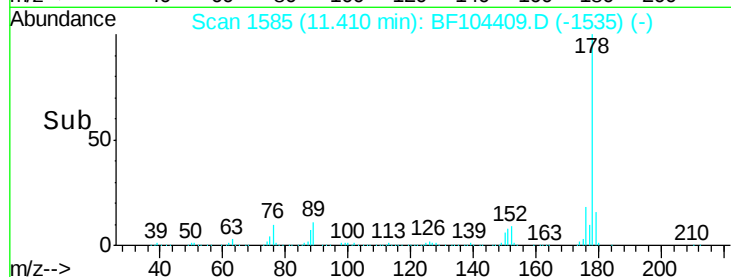
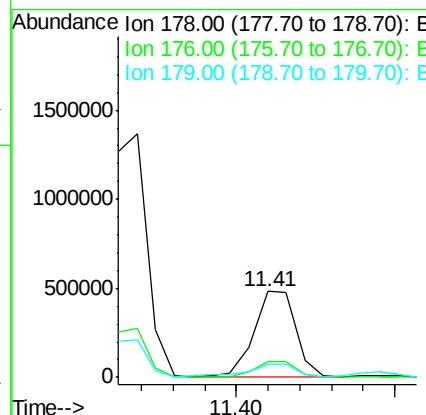
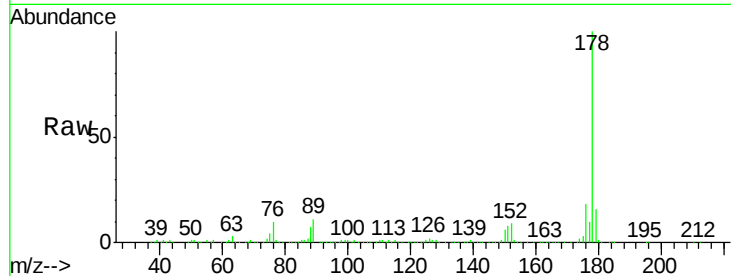
#71
 Anthracene
 Concen: 24.476 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF104409.D
 Acq: 10 Apr 2018 15:27

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-040918

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.7	12.6	19.0

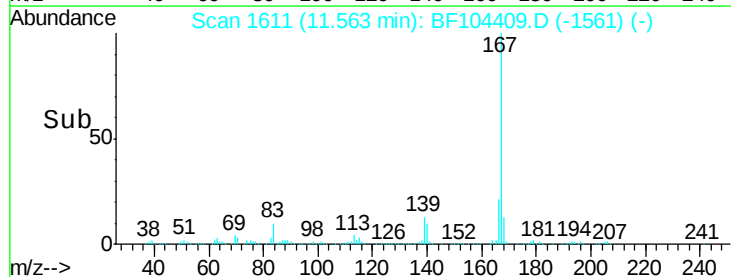
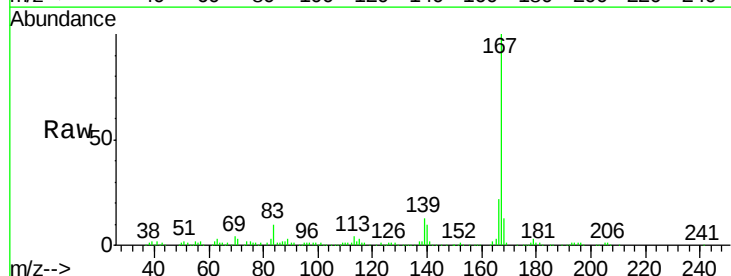
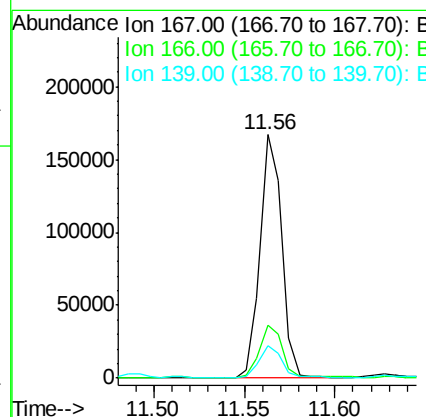
Manual Integrations
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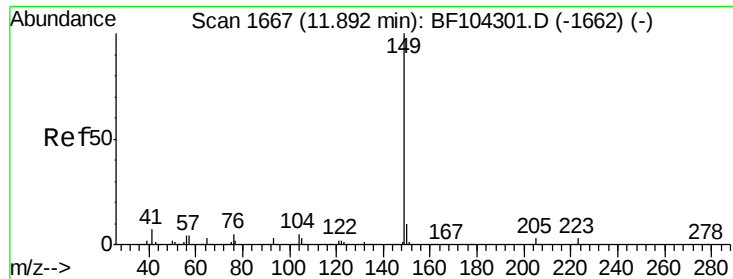
Sohil
 4/11/2018 5:17:02 PM



#72
 Carbazole
 Concen: 7.959 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF104409.D
 Acq: 10 Apr 2018 15:27

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	13.1	10.9	16.3





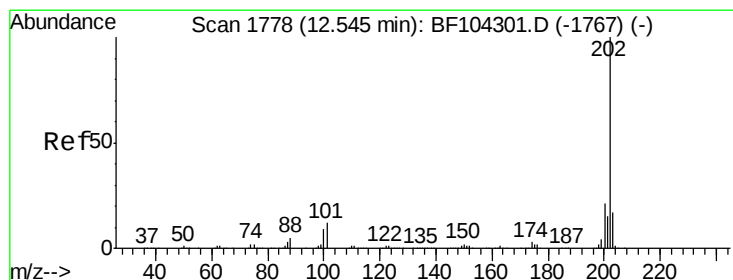
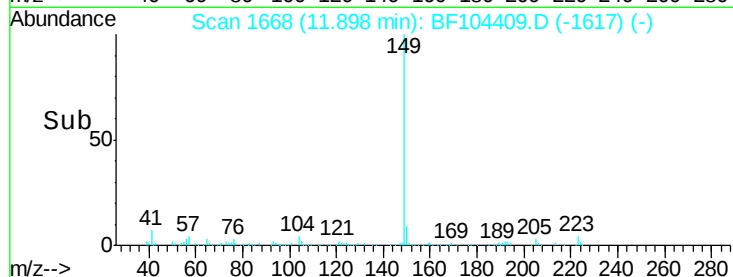
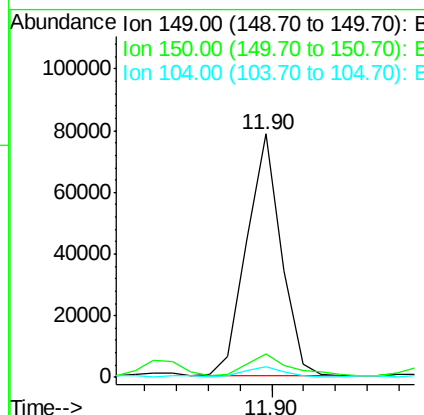
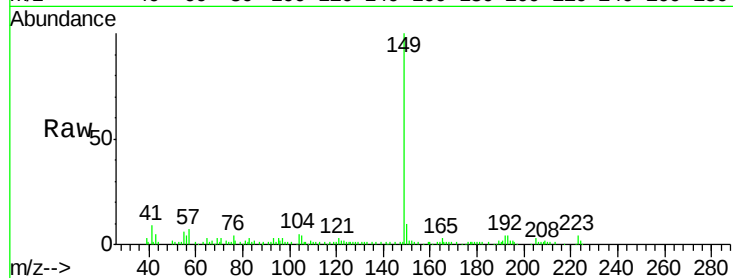
#73
Di-n-butylphthalate
Concen: 2.780 ng
RT: 11.90 min Scan# 1668
Delta R.T. 0.00 min
Lab File: BF104409.D
Acq: 10 Apr 2018 15:27

Instrument :
BNA_F
ClientSampled :
HD-01-040918

Tot Ion:	149	Resp:	59320
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	4.6	3.8	5.8

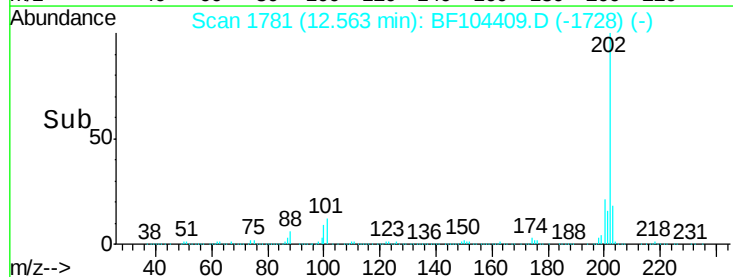
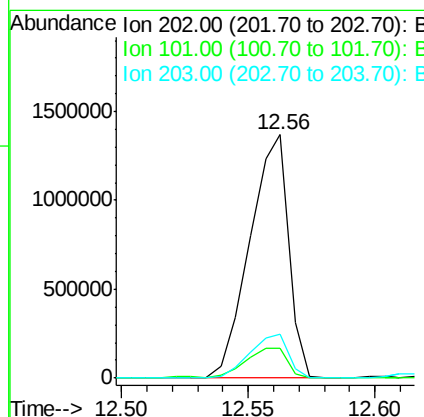
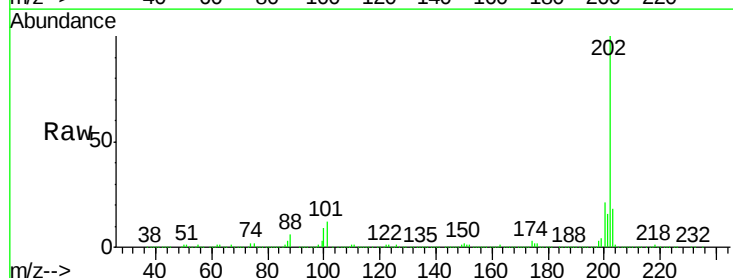
Manual Integrations
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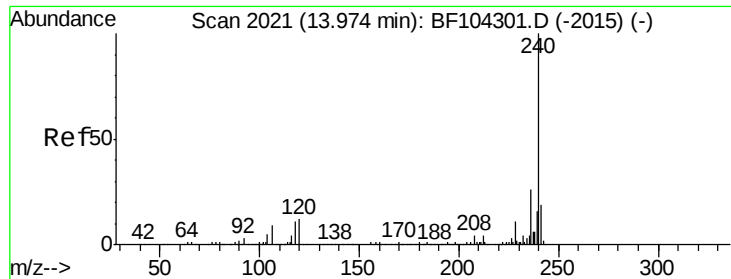
Sohil
4/11/2018 5:17:02 PM



#74
Fluoranthene
Concen: 79.700 ng
RT: 12.56 min Scan# 1781
Delta R.T. 0.01 min
Lab File: BF104409.D
Acq: 10 Apr 2018 15:27

Tgt Ion:	202	Resp:	1464164
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	34.1
203	17.8	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: BF104409.D

Acq: 10 Apr 2018 15:27

Instrument :

BNA_F

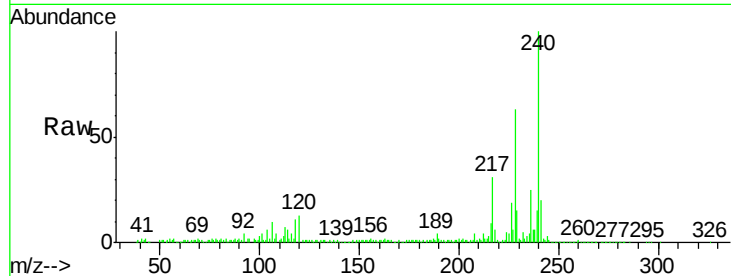
ClientSampleId :

HD-01-040918

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.5	14.3
236	24.8	20.7	31.1

Manual Integrations
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4/11/2018 5:17:02 PM

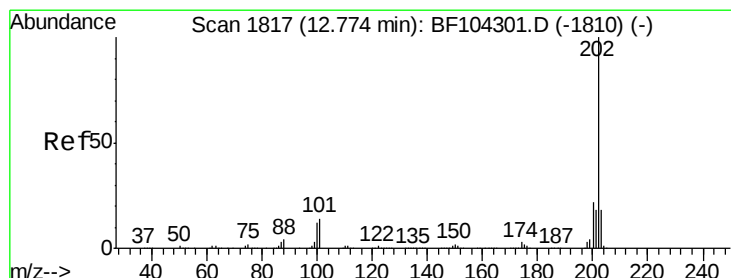
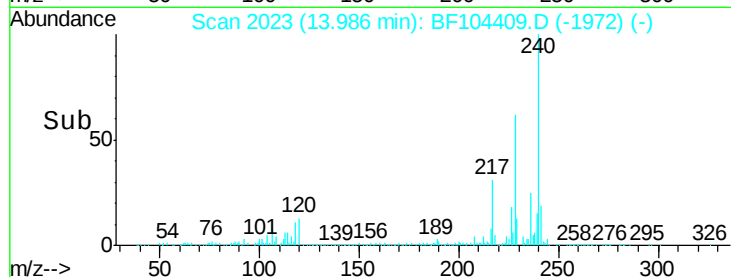
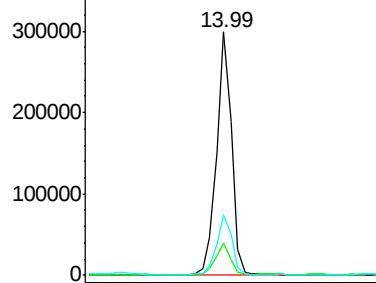


Abundance

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: 69.373 ng

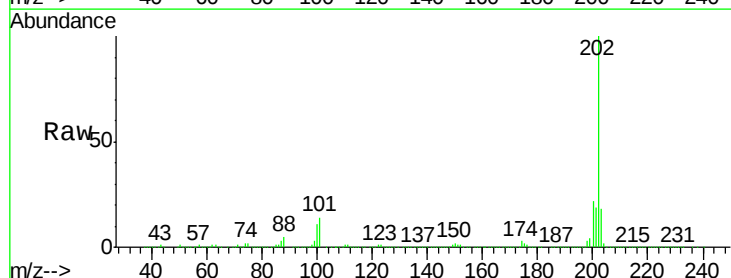
RT: 12.79 min Scan# 1820

Delta R.T. 0.01 min

Lab File: BF104409.D

Acq: 10 Apr 2018 15:27

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.4	26.2
203	18.2	14.3	21.5

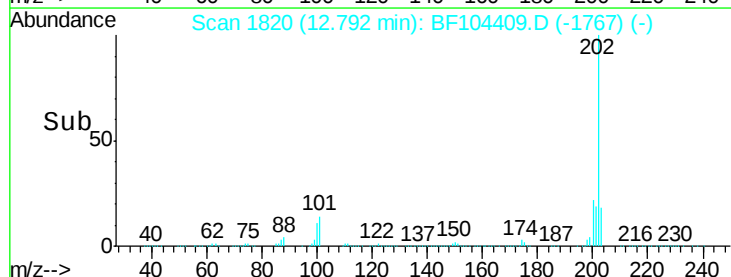
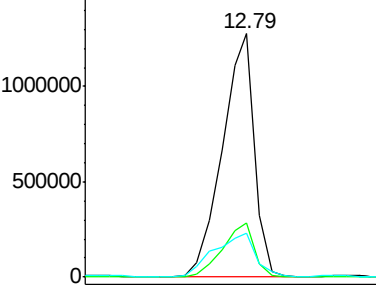


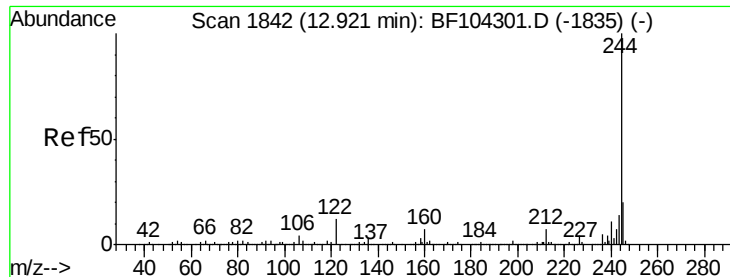
Abundance

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: 32.393 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BF104409.D

Acq: 10 Apr 2018 15:27

Instrument :

BNA_F

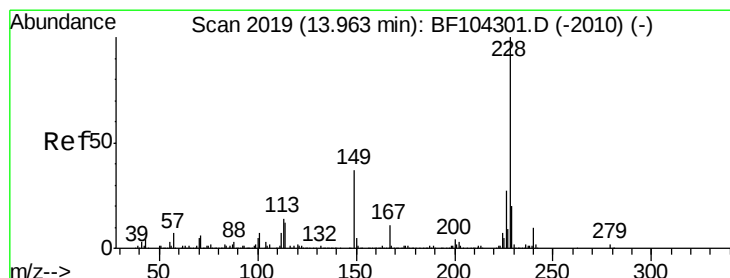
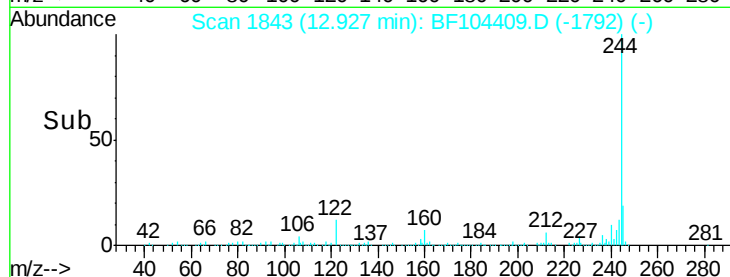
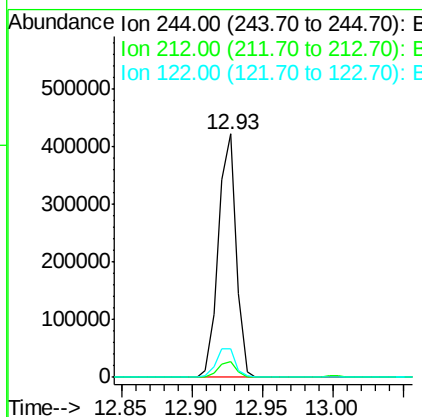
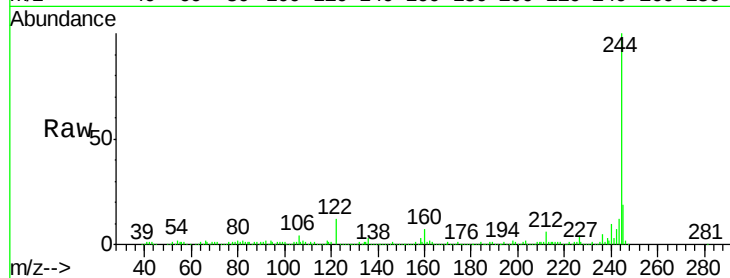
ClientSampleId :

HD-01-040918

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	12.0	11.0	16.4

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 46.278 ng

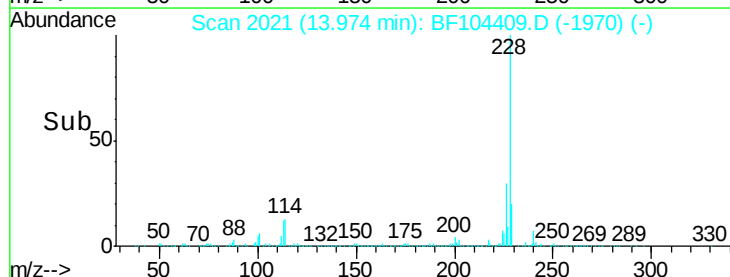
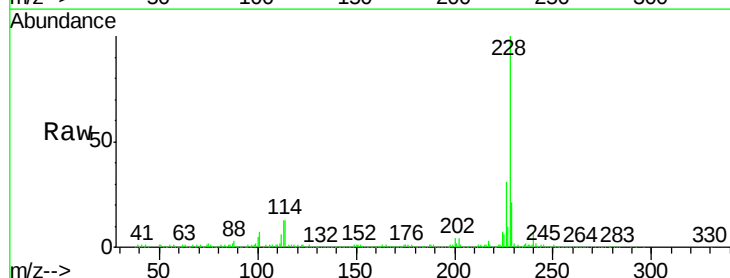
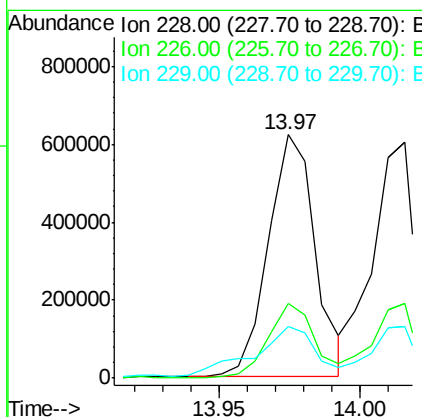
RT: 13.97 min Scan# 2021

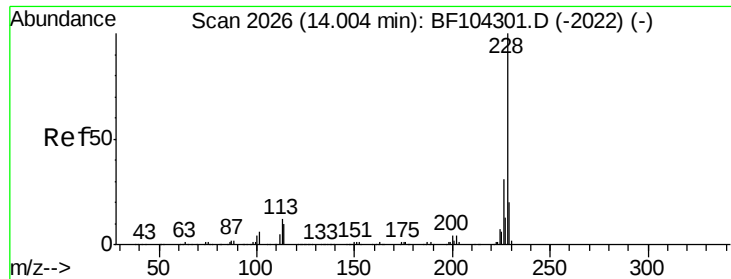
Delta R.T. 0.00 min

Lab File: BF104409.D

Acq: 10 Apr 2018 15:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.6	33.8
229	21.0	15.8	23.6





#82

Chrysene

Concen: 38.774 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF104409.D

Acq: 10 Apr 2018 15:27

Instrument :

BNA_F

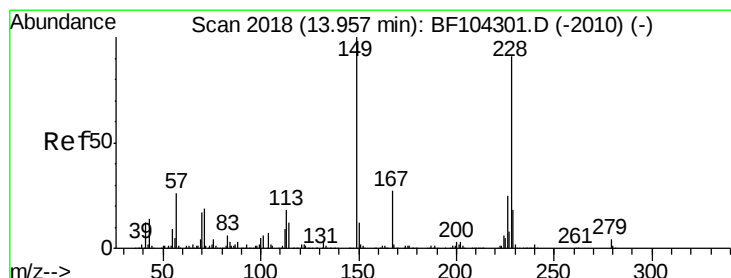
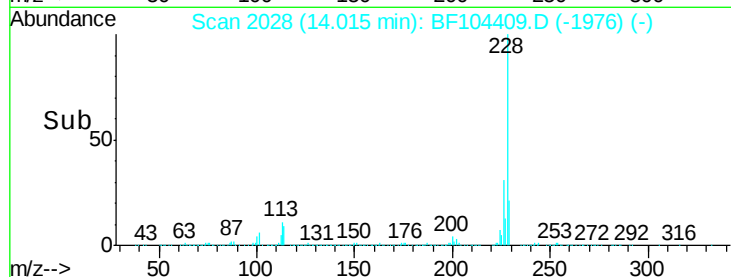
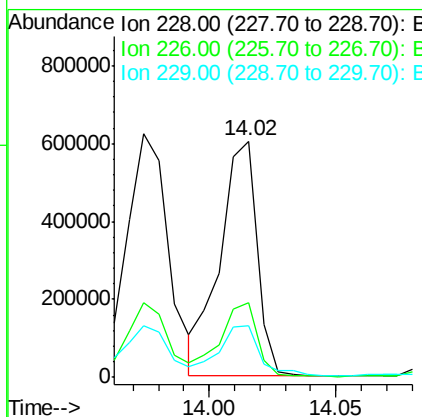
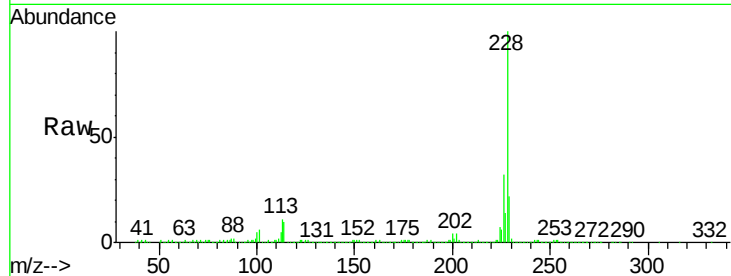
ClientSampleId :

HD-01-040918

Tot Ion:	228	Resp:	619209
Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	22.0	16.2	24.4

Manual Integrations
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Sohil
4/11/2018 5:17:02 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.278 ng

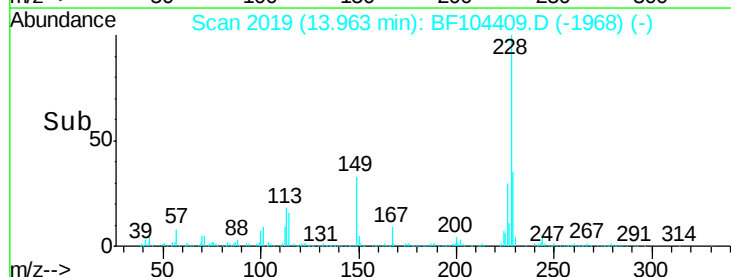
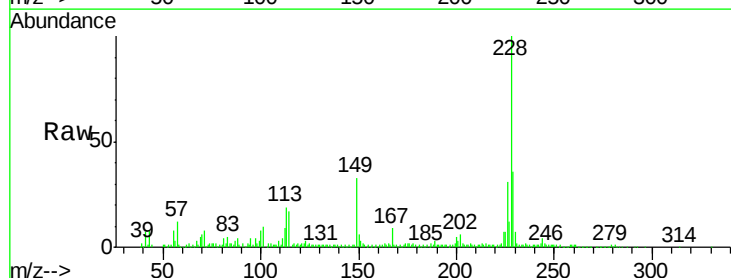
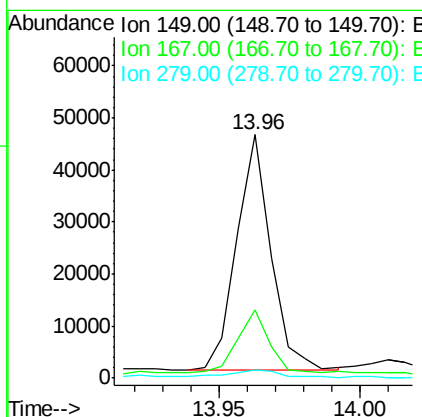
RT: 13.96 min Scan# 2019

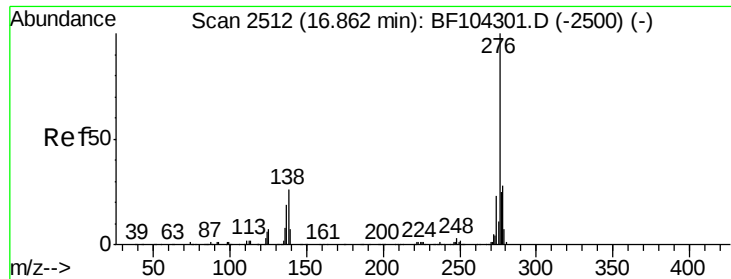
Delta R.T. 0.00 min

Lab File: BF104409.D

Acq: 10 Apr 2018 15:27

Tgt Ion:	149	Resp:	38316
Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.3	31.9
279	3.6	3.0	4.4





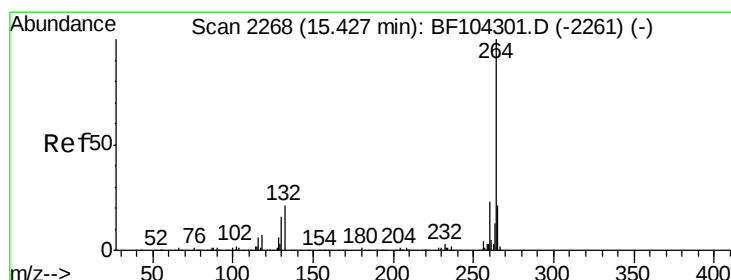
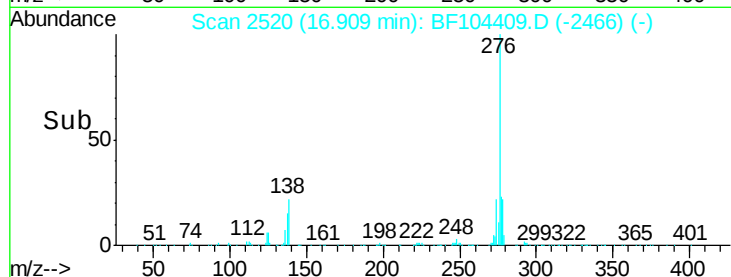
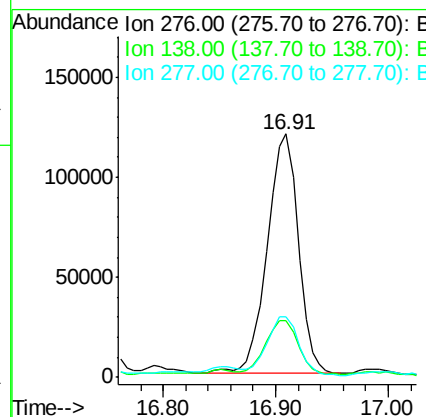
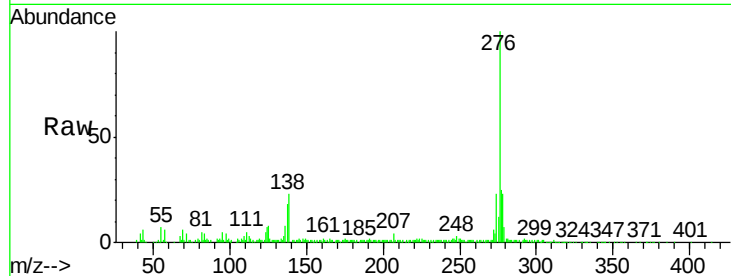
#85
Indeno(1,2,3-cd)pyrene
Concen: 16.910 ng/ml
RT: 16.91 min Scan# 2520
Delta R.T. 0.02 min
Lab File: BF104409.D
Acq: 10 Apr 2018 15:27

Instrument :
BNA_F
ClientSampleId :
HD-01-040918

Tot Ion	Ratio	Lower	Upper
276	100		
138	5.0	25.0	37.6#
277	4.7	20.1	30.1#

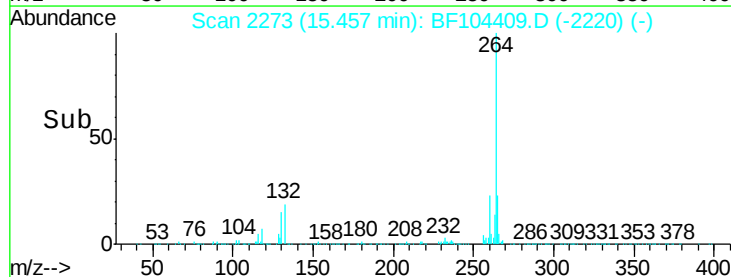
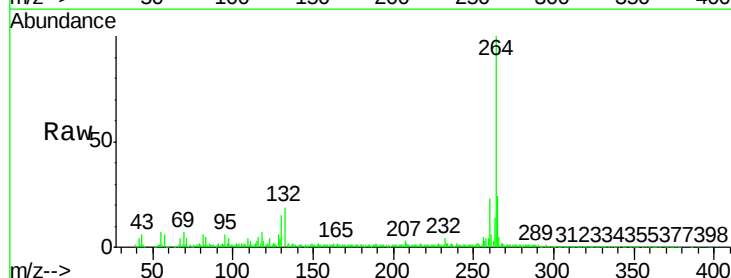
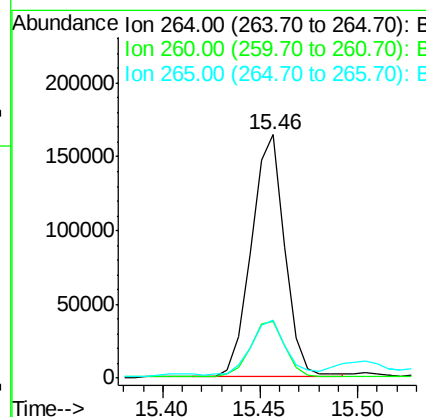
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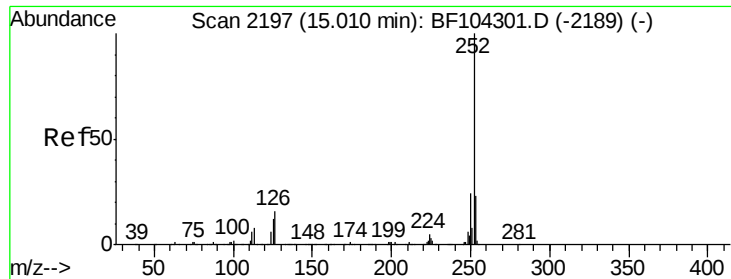
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF104409.D
Acq: 10 Apr 2018 15:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	23.6	17.5	26.3





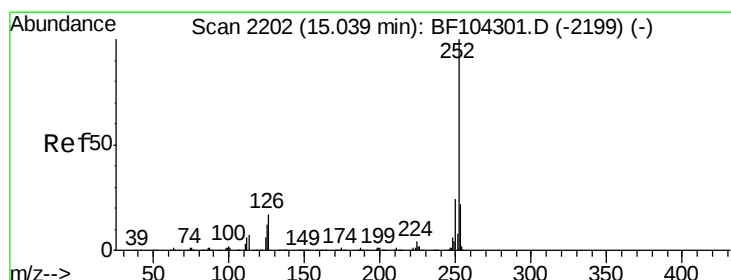
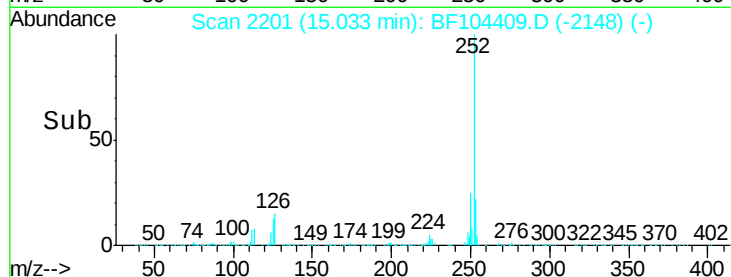
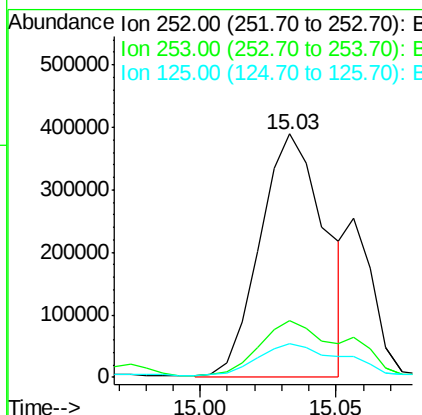
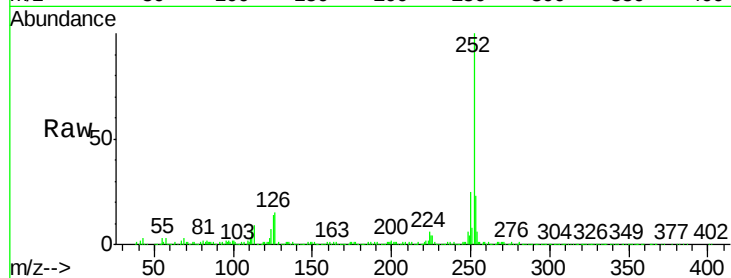
#87
Benzo(b)fluoranthene
Concen: 53.060 ng m
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF104409.D
Acq: 10 Apr 2018 15:27

Instrument :
BNA_F
ClientSampleId :
HD-01-040918

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	13.8	9.0	13.6

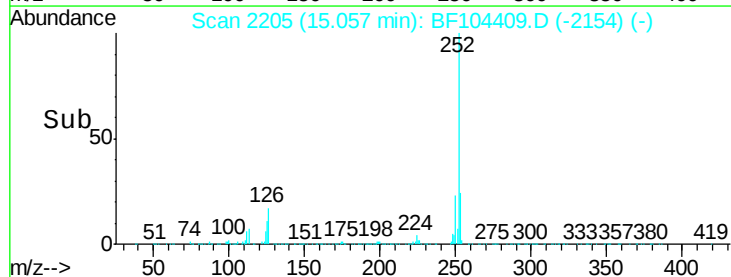
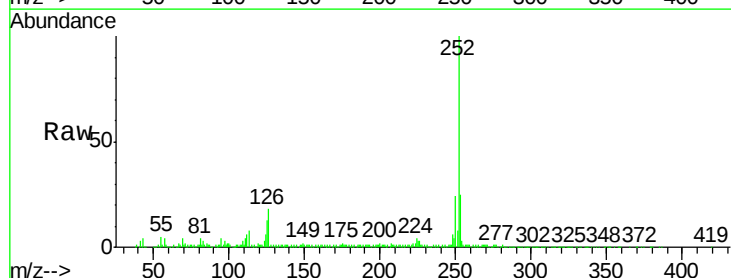
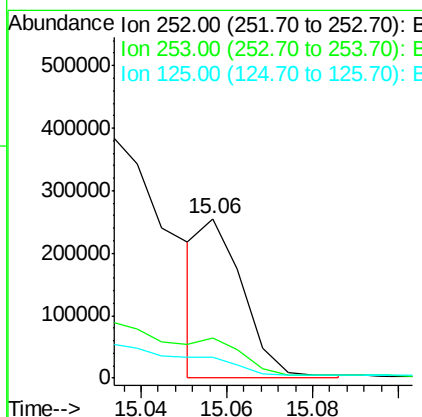
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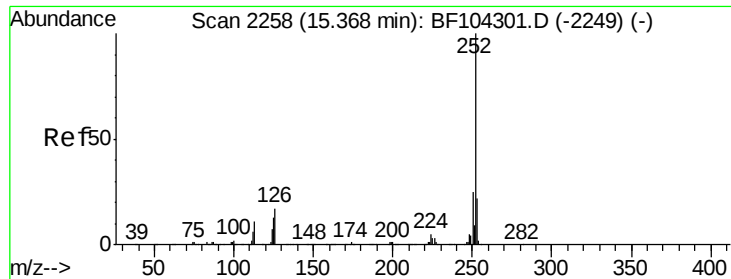
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#88
Benzo(k)fluoranthene
Concen: 15.152 ng m
RT: 15.06 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF104409.D
Acq: 10 Apr 2018 15:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.9	26.9
125	12.8	10.2	15.2





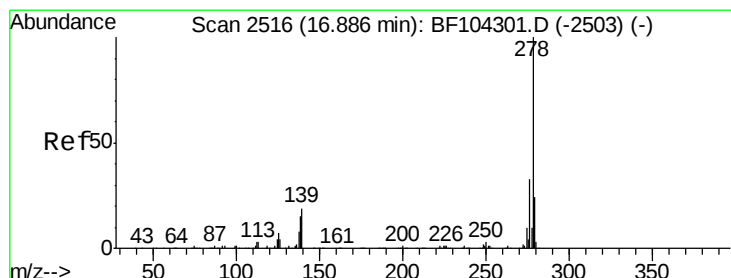
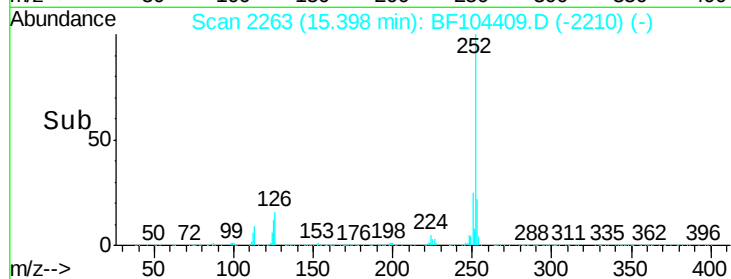
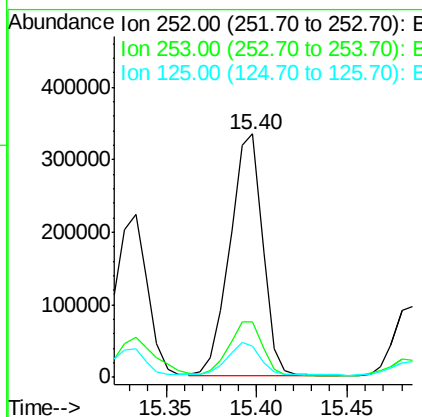
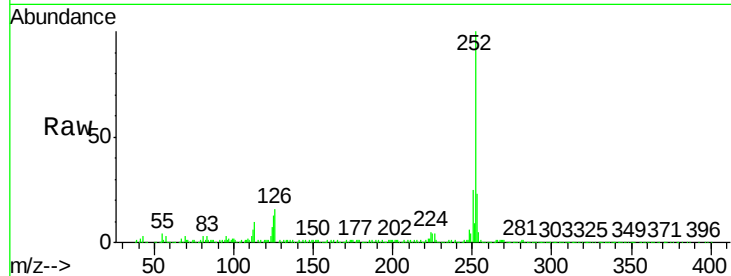
#89
Benzo(a)pyrene
Concen: 38.457 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF104409.D
Acq: 10 Apr 2018 15:27

Instrument :
BNA_F
ClientSampleId :
HD-01-040918

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	12.6	9.8	14.6

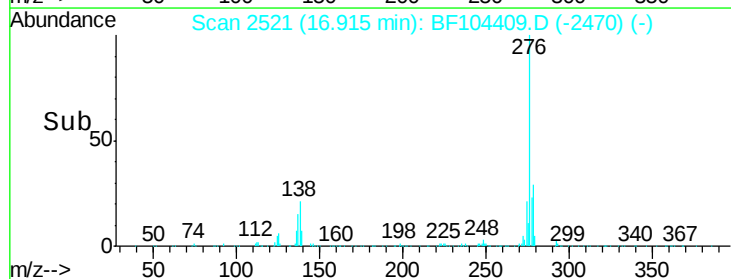
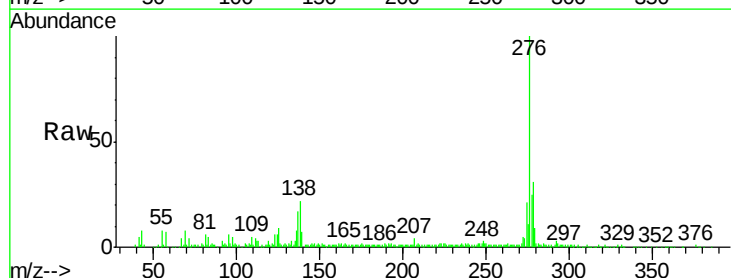
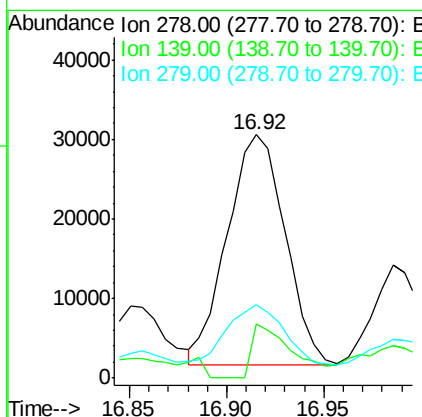
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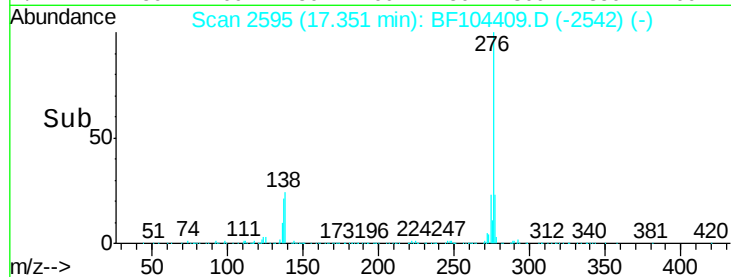
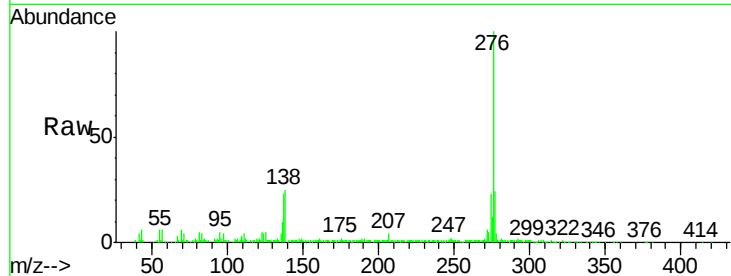
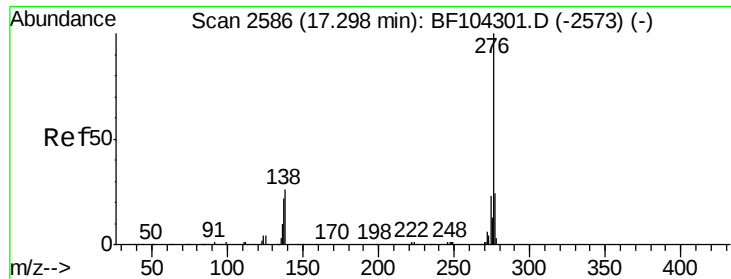
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#90
Dibenzo(a,h)anthracene
Concen: 6.645 ng m
RT: 16.92 min Scan# 2521
Delta R.T. 0.00 min
Lab File: BF104409.D
Acq: 10 Apr 2018 15:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.2	15.9	23.9
279	29.9	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 24.718 ng

RT: 17.35 min Scan# 2595

Delta R.T. 0.01 min

Lab File: BF104409.D

Acq: 10 Apr 2018 15:27

Instrument :

BNA_F

ClientSampleId :

HD-01-040918

Tot Ion:	276	Resp:	215440
Ion Ratio	Lower	Upper	
276	100		
277	24.3	17.9	26.9
138	25.1	21.8	32.8

Manual Integrations
APPROVED

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