

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
 Data File : BF104755.D
 Acq On : 24 Apr 2018 14:46
 Operator : JU/SJ
 Sample : J2498-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16122

Manual Integrations
 APPROVED

Sohil
 4/25/2018 4:22:42 PM

Quant Time: Apr 24 22:20:15 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	6.80	152	121801	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	516426	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	252125	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	480416	20.00	ng	0.00
75) Chrysene-d12	13.99	240	390632	20.00	ng	0.00
86) Perylene-d12	15.46	264	292068	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	190863	23.96	ng	0.00
7) Phenol-d6	6.45	99	184057	18.81	ng	0.00
23) Nitrobenzene-d5	7.37	82	325701	41.18	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	91269	34.90	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	650930	40.79	ng	0.00
78) Terphenyl-d14	12.93	244	770059	44.94	ng	0.00
Target Compounds						
10) Phenol	6.46	94	138751	13.361	ng	97
15) Benzyl Alcohol	6.95	79	21569	2.901	ng	96
20) 3+4-Methylphenols	7.22	107	148321	16.364	ng	86
32) Benzoic acid	7.86	122	37669	6.396	ng	97
49) Dimethylphthalate	9.56	163	82325	4.141	ng	100
59) Diethylphthalate	10.26	149	90600	4.575	ng	99
80) Benzo(a)anthracene	13.97	228	52390	2.245	ng	97
82) Chrysene	14.01	228	60640	2.530	ng	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	41039	2.339	ng	98
87) Benzo(b)fluoranthene	15.03	252	60128	3.260	ng	# 95
88) Benzo(k)fluoranthene	15.06	252	56053m	3.219	ng	
89) Benzo(a)pyrene	15.40	252	44800	2.714	ng	# 93
91) Benzo(a,h,i)perylene	17.37	276	36295	2.764	ng	97

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

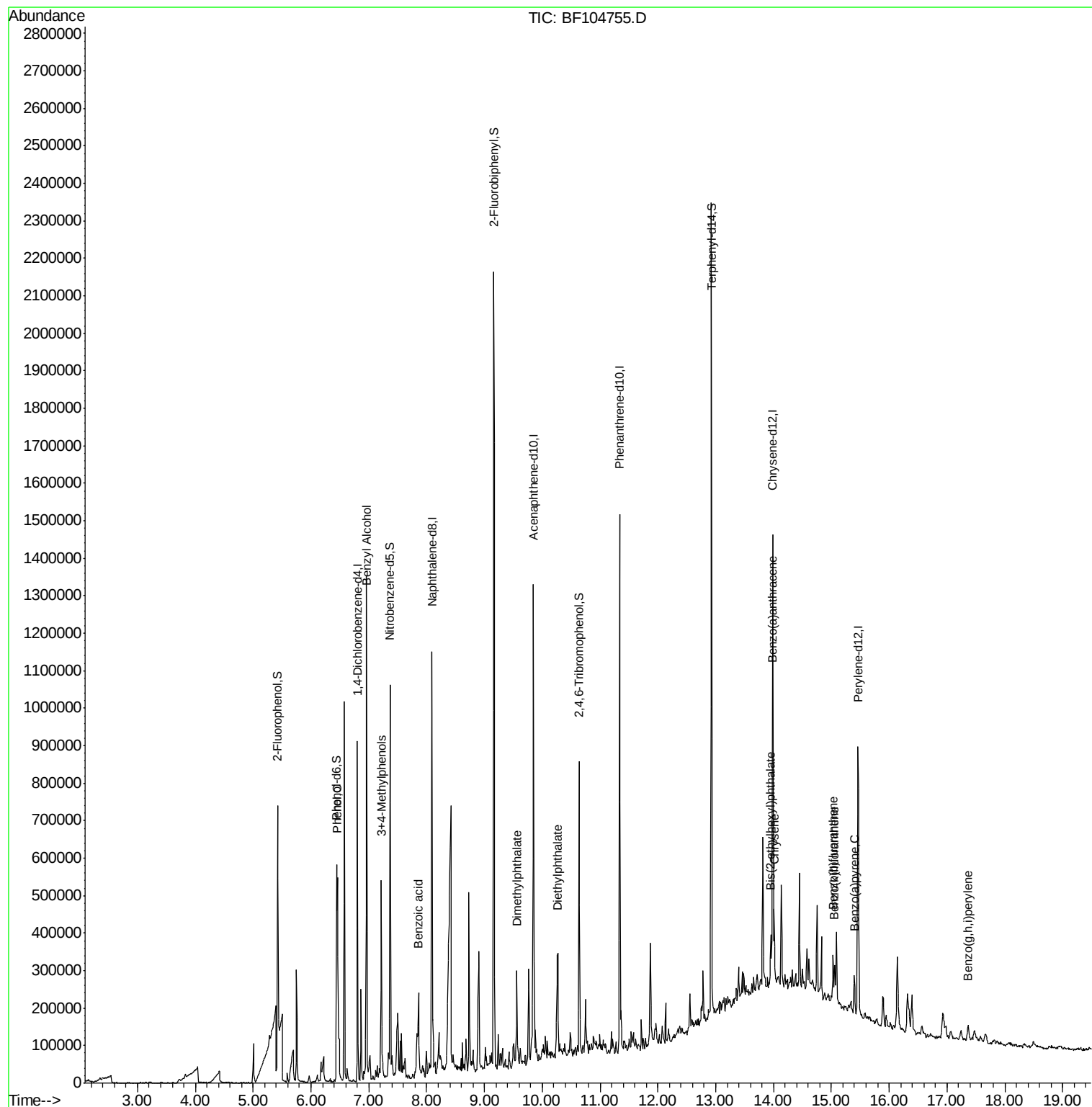
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
Data File : BF104755.D
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Operator : JU/SJ
Sample : J2498-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

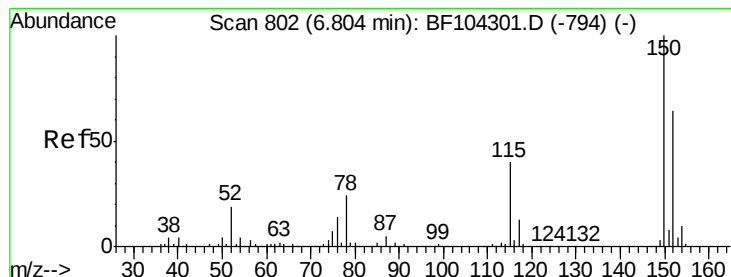
Instrument :
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Quant Time: Apr 24 22:20:15 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

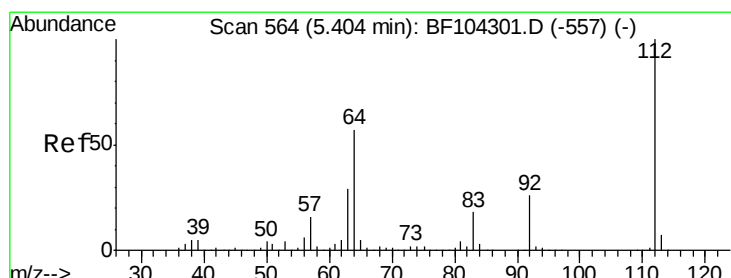
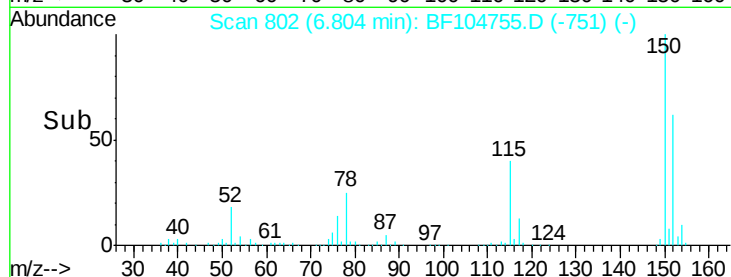
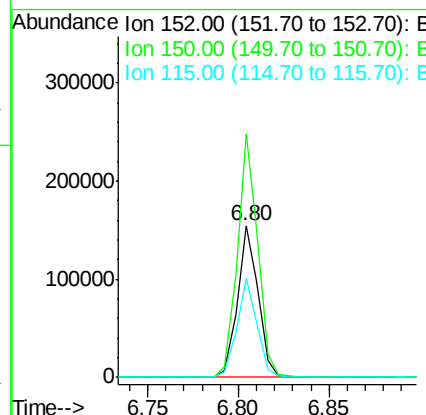
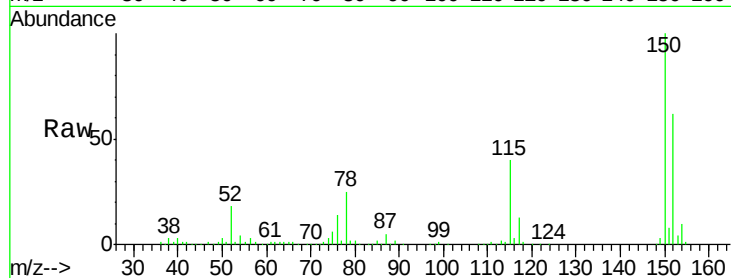
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104755.D
Acq: 24 Apr 2018 14:46

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16122

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	124.6	186.8
115	64.9	50.1	75.1

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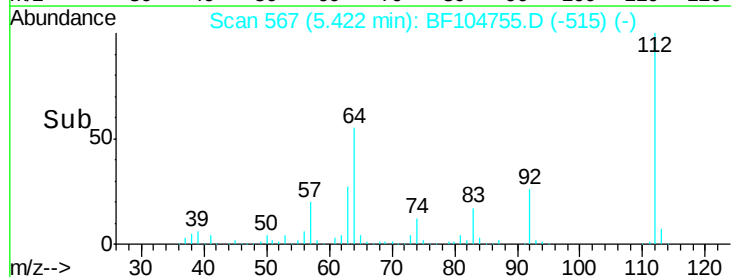
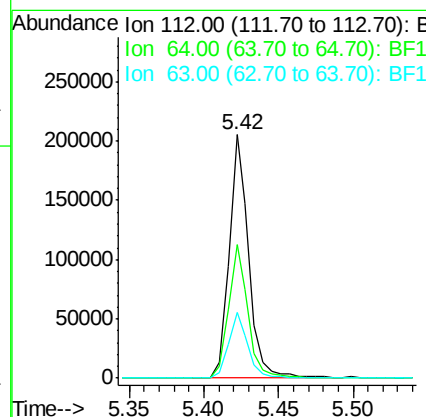
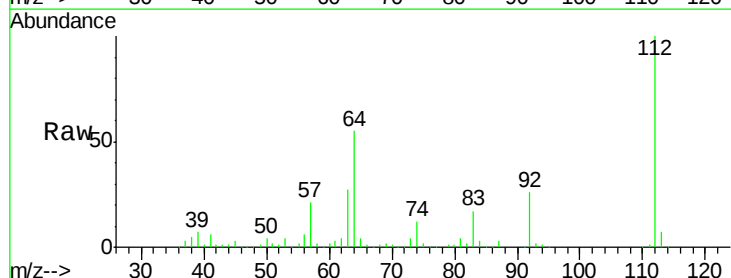
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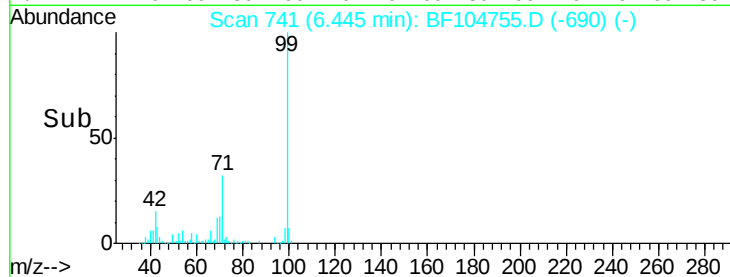
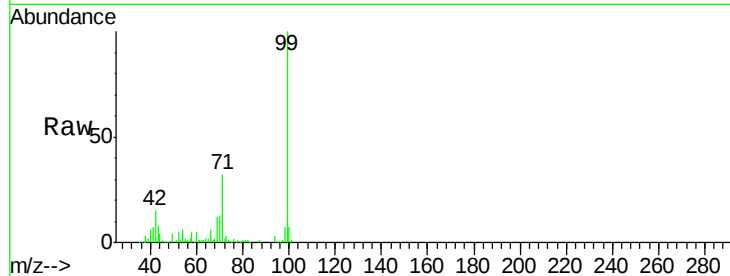


#5

2-Fluorophenol
Concen: 23.960 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104755.D
Acq: 24 Apr 2018 14:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	47.9	71.9
63	26.9	23.7	35.5





#7

Phenol-d6

Concen: 18.806 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104755.D

Acq: 24 Apr 2018 14:46

Tot Ion:	99	Resp:	184057
Ion Ratio	Lower	Upper	
99	100		
42	15.0	14.5	21.7
71	32.0	25.4	38.0

Instrument :

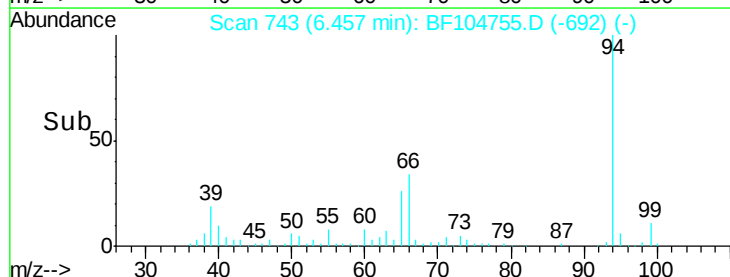
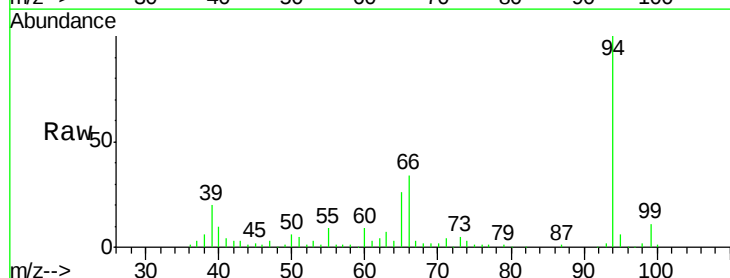
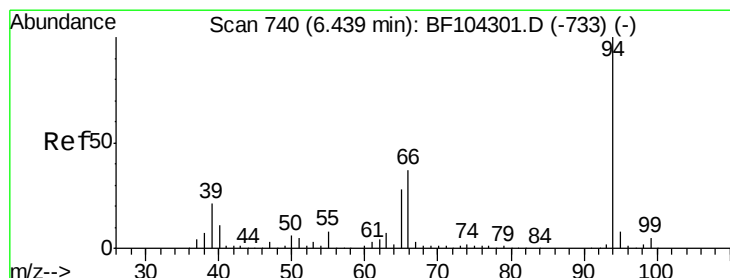
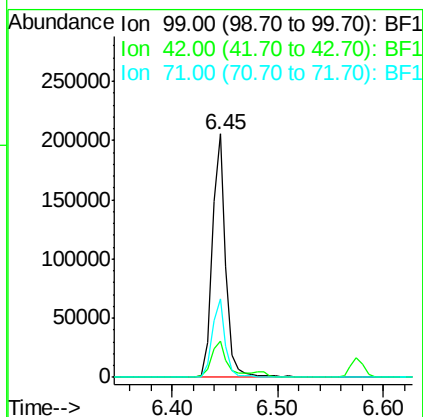
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 13.361 ng

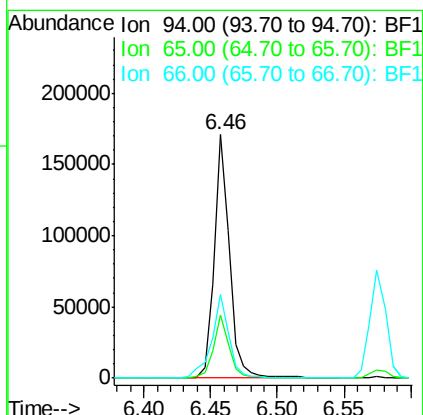
RT: 6.46 min Scan# 743

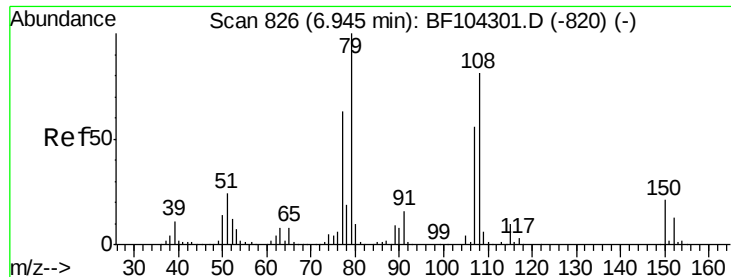
Delta R.T. -0.00 min

Lab File: BF104755.D

Acq: 24 Apr 2018 14:46

Tgt Ion:	94	Resp:	138751
Ion Ratio	Lower	Upper	
94	100		
65	26.0	7.9	47.9
66	34.5	16.2	56.2





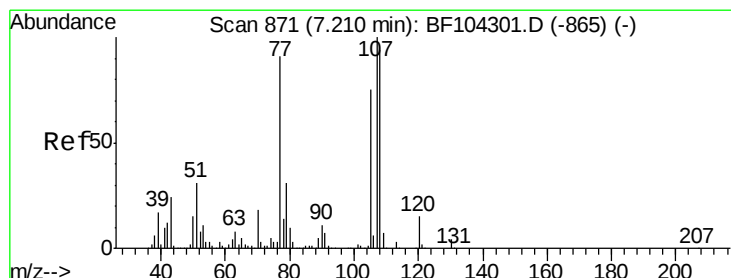
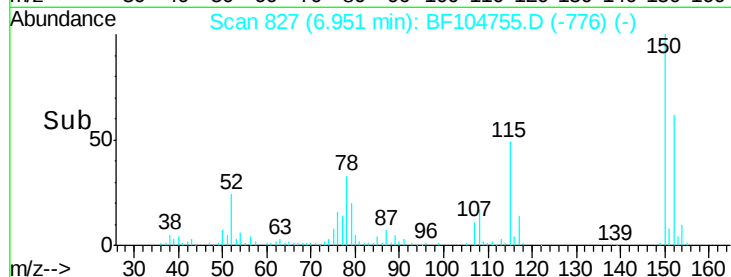
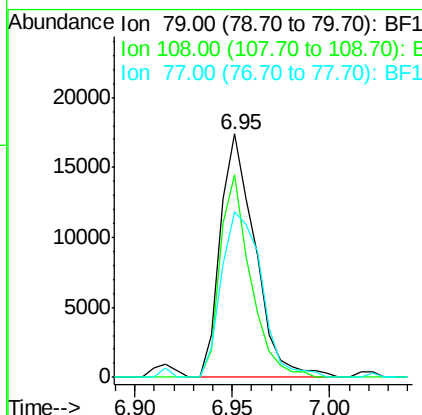
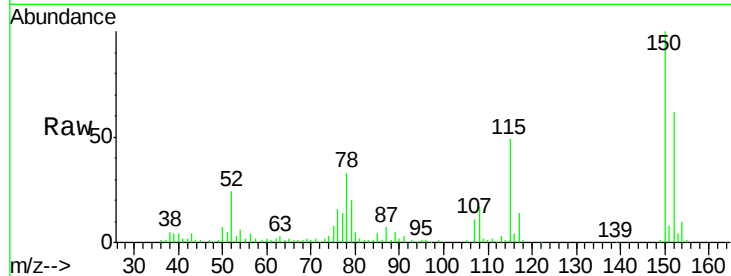
#15
Benzyl Alcohol
Concen: 2.901 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF104755.D
Acq: 24 Apr 2018 14:46

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16122

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.1	65.1	97.7
77	68.0	50.6	75.8

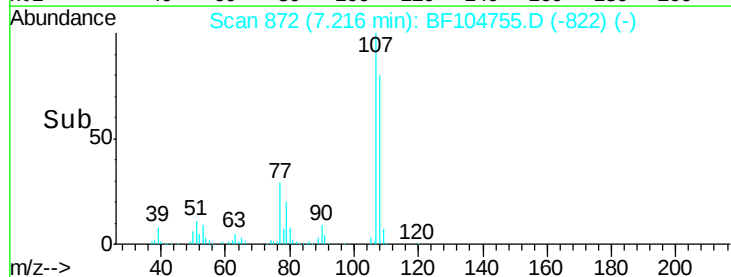
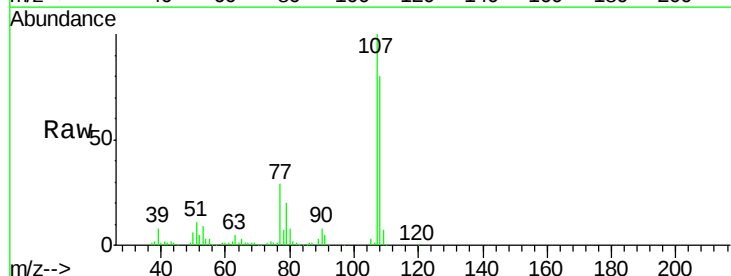
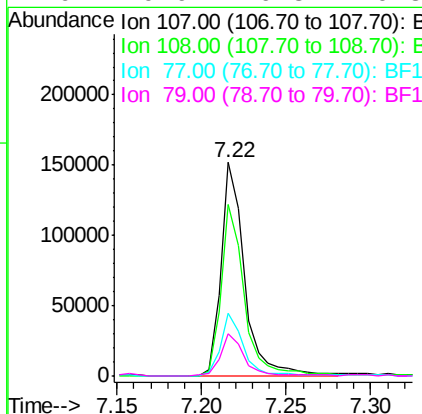
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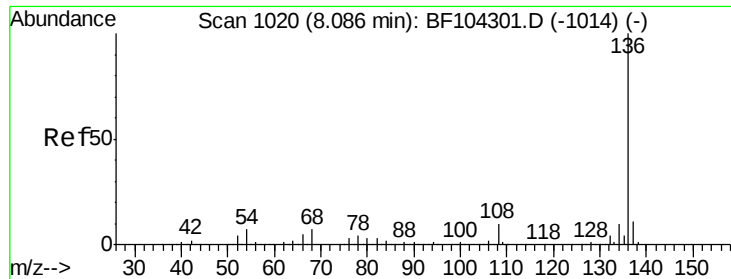
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#20
3+4-Methylphenols
Concen: 16.364 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF104755.D
Acq: 24 Apr 2018 14:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	80.3	68.2	108.2
77	29.2	26.7	66.7
79	19.9	6.3	46.3





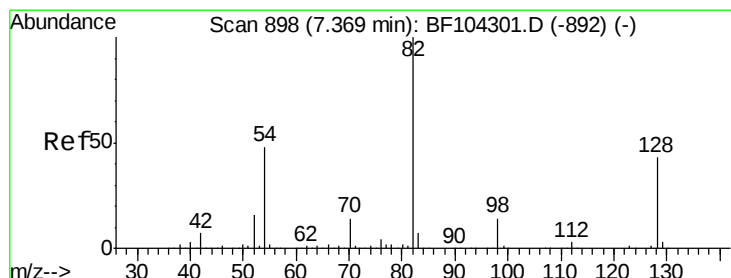
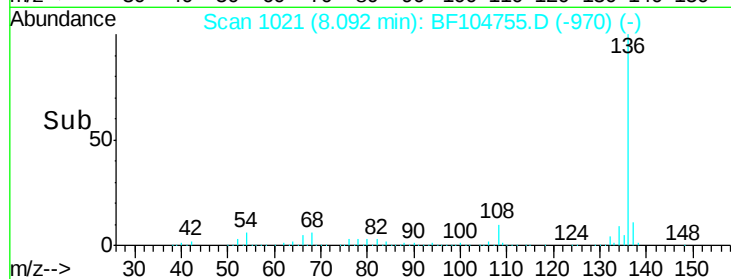
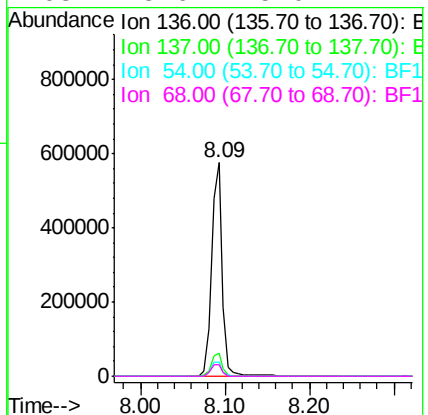
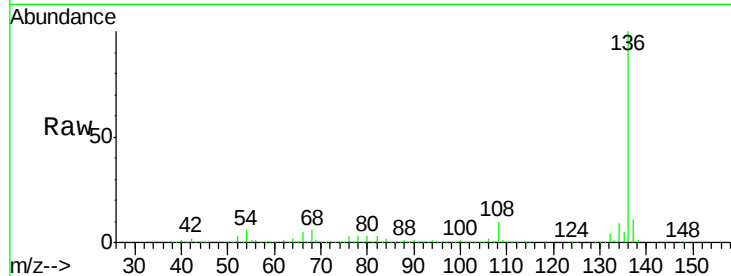
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104755.D
Acq: 24 Apr 2018 14:46

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16122

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	6.5	6.6	9.8	
68	5.6	5.0	7.4	

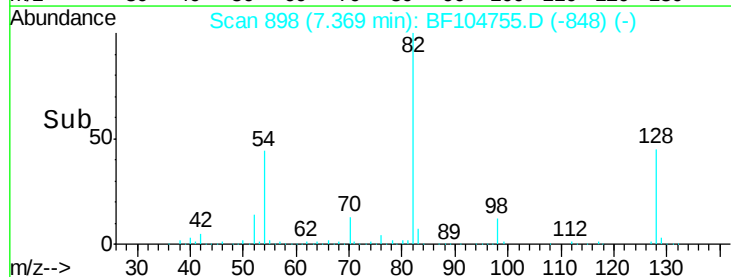
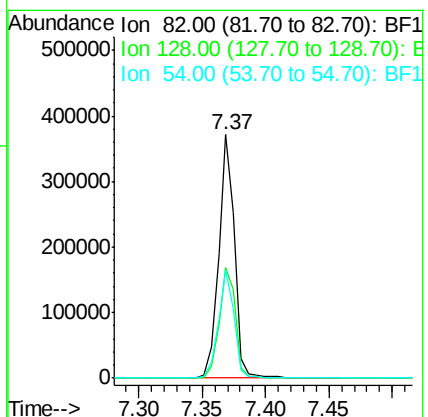
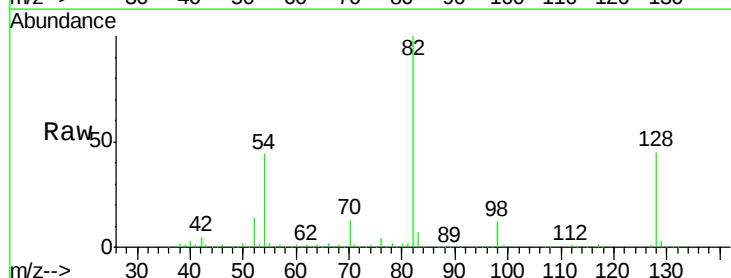
Manual Integrations
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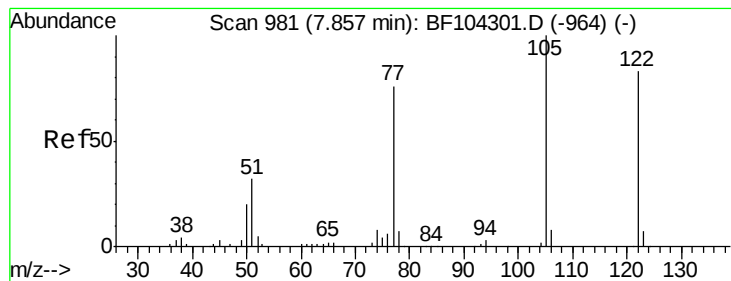
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#23
Nitrobenzene-d5
Concen: 41.182 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104755.D
Acq: 24 Apr 2018 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.2	36.1	54.1	
54	44.3	41.4	62.2	





#32

Benzoic acid

Concen: 6.396 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF104755.D

Acq: 24 Apr 2018 14:46

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16122

Tot Ion:122 Resp: 37669

Ion Ratio Lower Upper

122 100

105 125.9 101.1 141.1

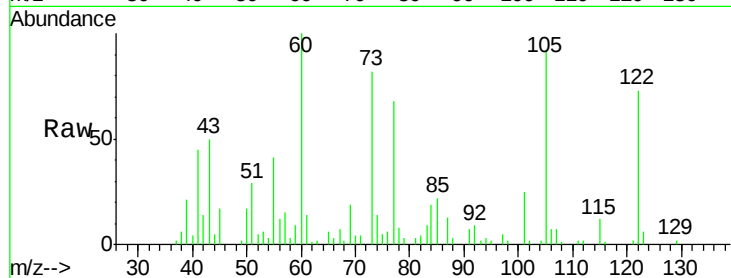
77 92.5 70.7 110.7

Manual Integrations

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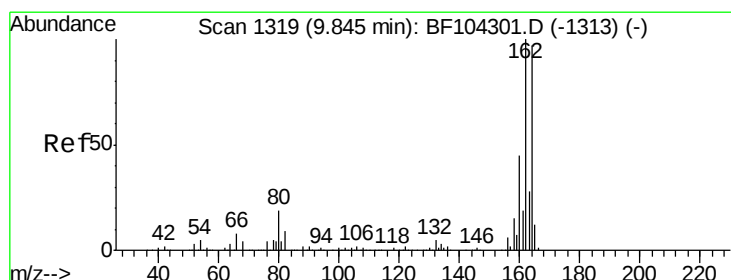
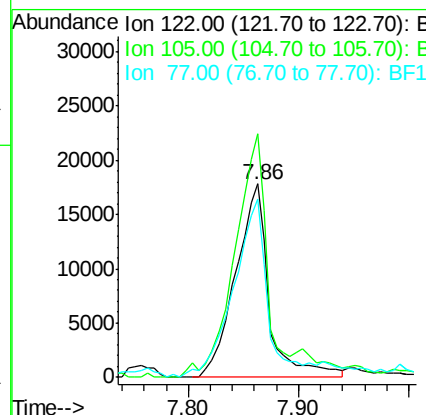
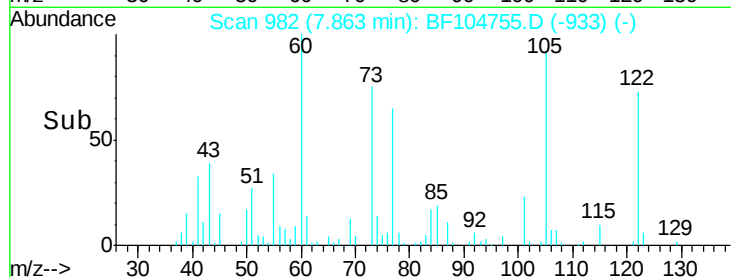
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF104755.D

Acq: 24 Apr 2018 14:46

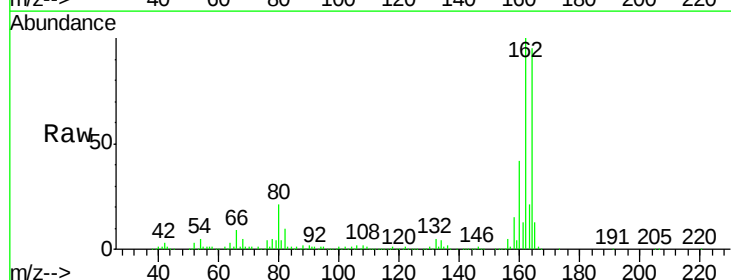
Tgt Ion:164 Resp: 252125

Ion Ratio Lower Upper

164 100

162 105.1 86.1 129.1

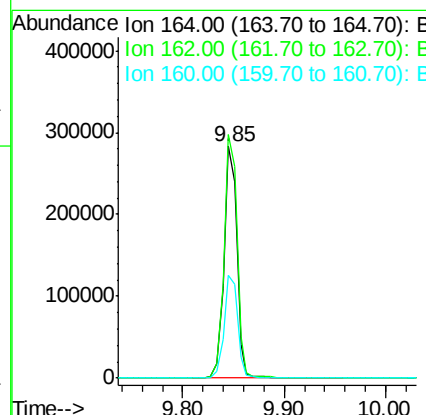
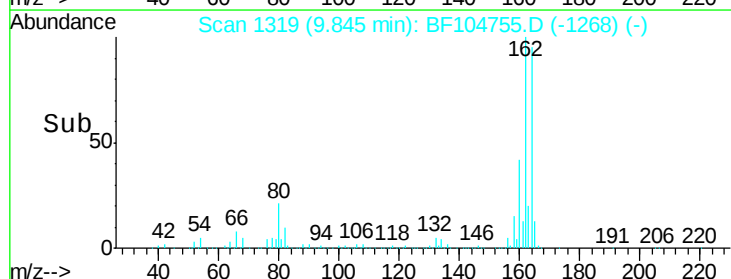
160 44.2 38.3 57.5

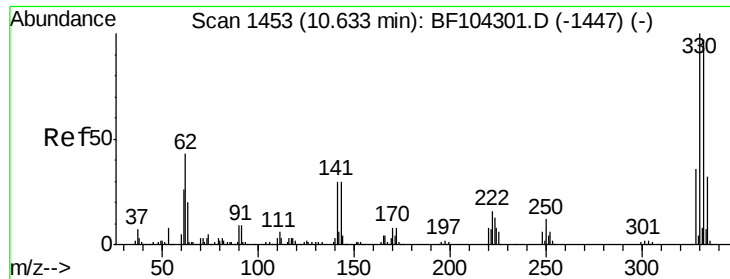


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





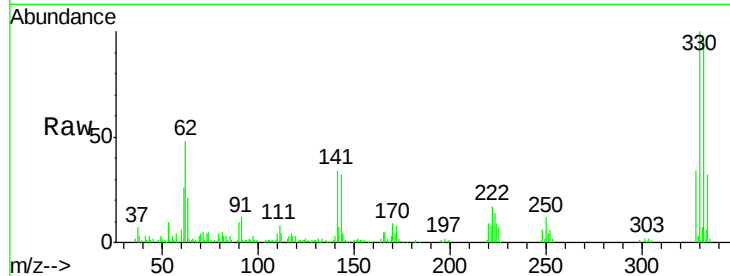
#41
 2,4,6-Tribromophenol
 Concen: 34.897 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF104755.D
 Acq: 24 Apr 2018 14:46

Instrument :
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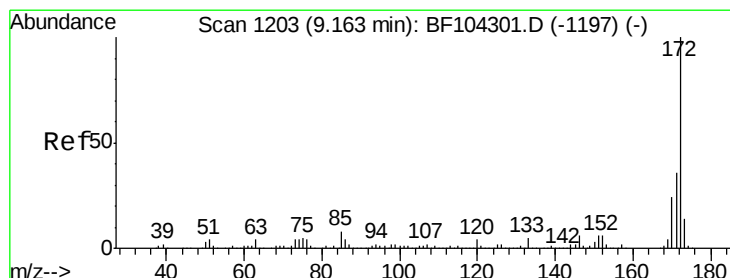
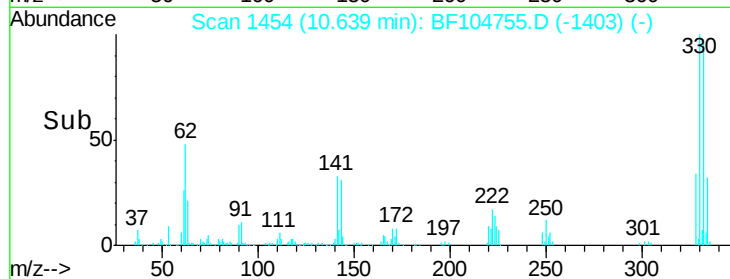
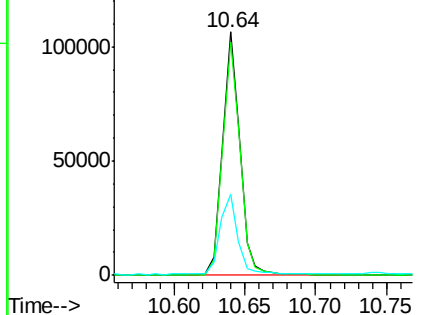
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	34.3	29.9	44.9

Manual Integrations
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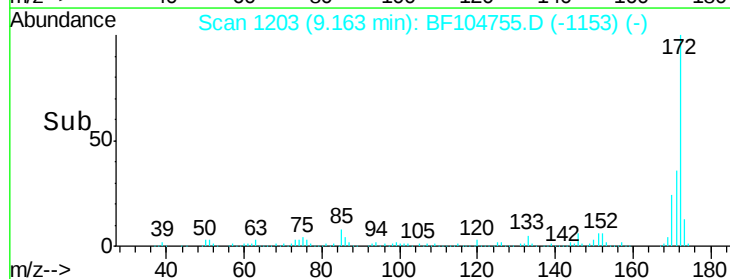
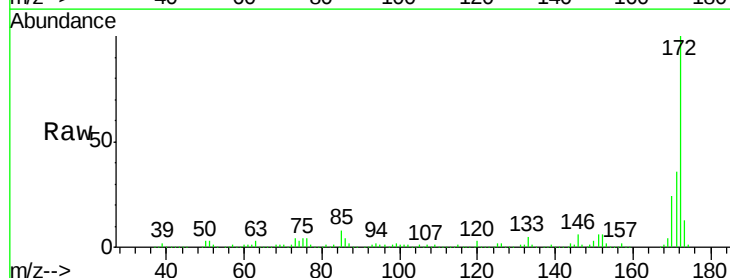
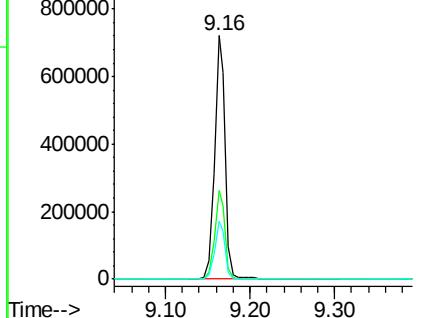
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

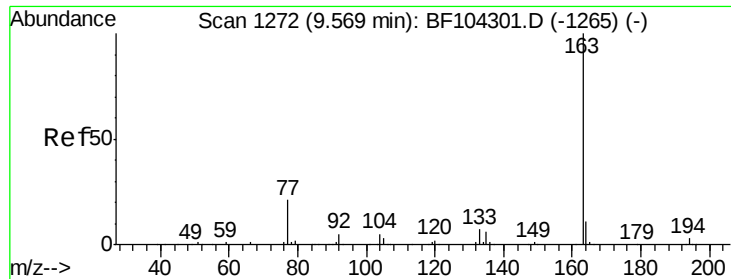


#44
 2-Fluorobiphenyl
 Concen: 40.786 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104755.D
 Acq: 24 Apr 2018 14:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.9	19.6	29.4

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





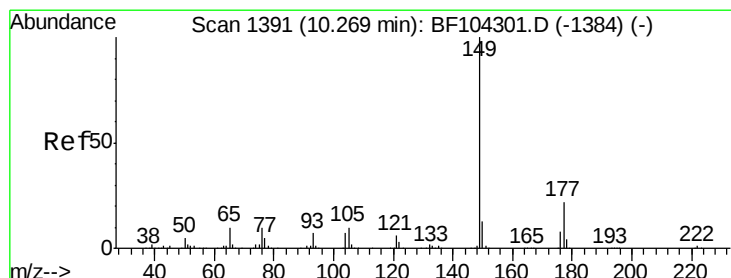
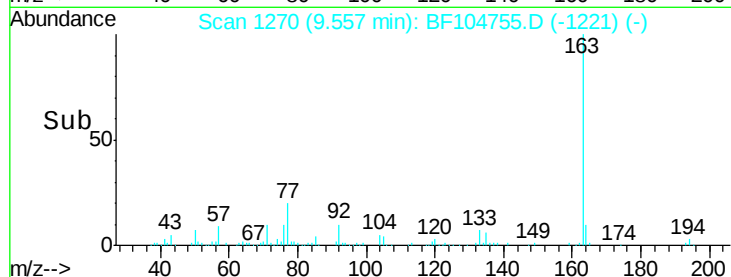
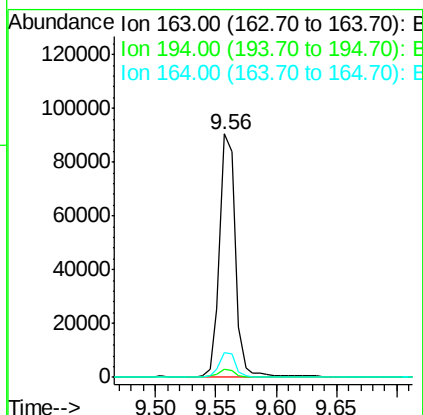
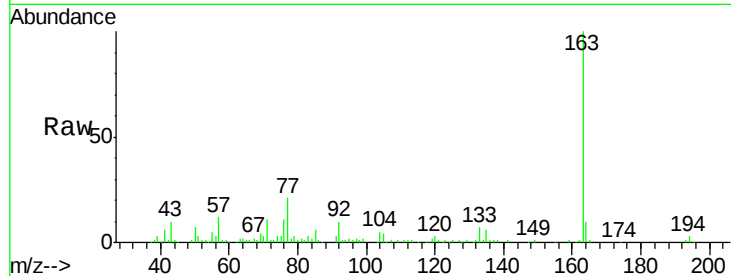
#49
Dimethylphthalate
Concen: 4.141 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104755.D
Acq: 24 Apr 2018 14:46

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16122

Tot Ion	Ratio	Resp	Lower	Upper
163	100	82325		
194	3.4		2.7	4.1
164	10.1		8.2	12.2

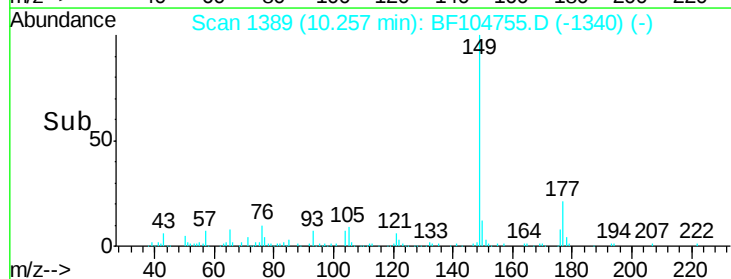
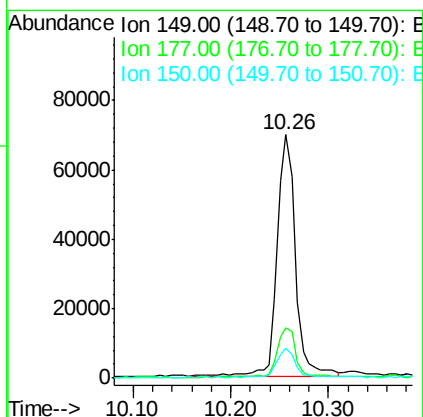
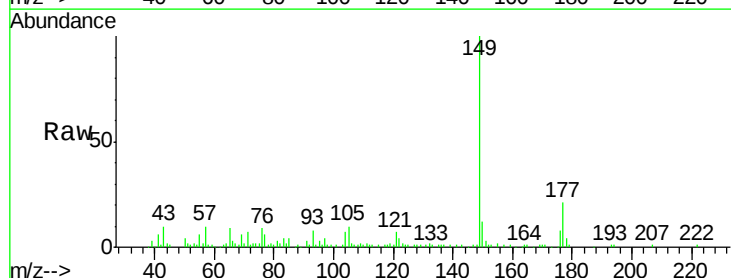
Manual Integrations
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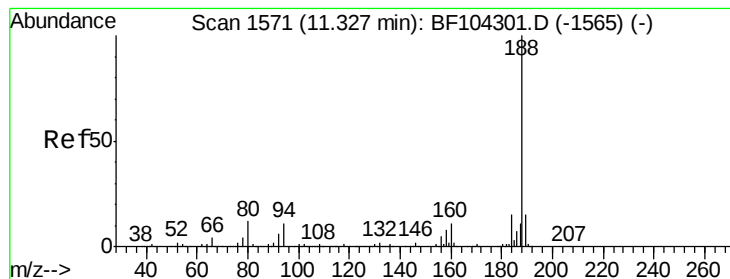
Sohil
4/25/2018 4:22:42 PM



#59
Diethylphthalate
Concen: 4.575 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF104755.D
Acq: 24 Apr 2018 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	90600		
177	20.6		16.1	24.1
150	12.2		10.1	15.1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF104755.D

Acq: 24 Apr 2018 14:46

Instrument :

BNA_F

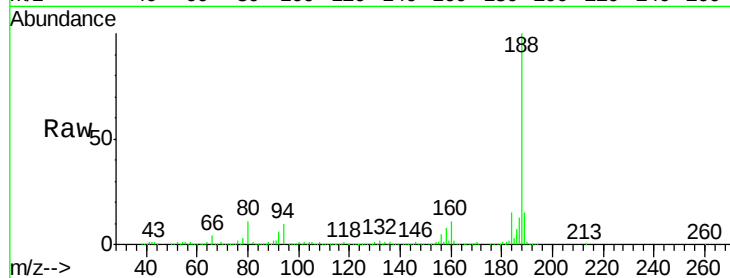
ClientSampleId :

VB16206-VB16122

Tot Ion:	188	Resp:	480416
Ion Ratio	Lower	Upper	
188	100		
94	10.5	8.5	12.7
80	11.1	9.2	13.8

Manual Integrations
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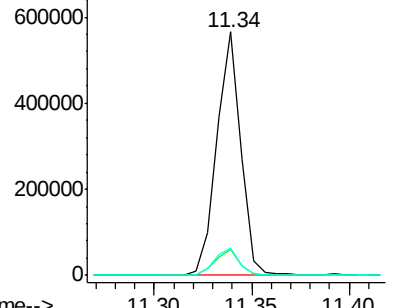
Sohil
4/25/2018 4:22:42 PM



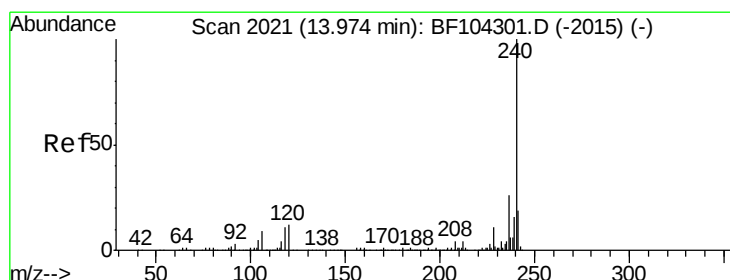
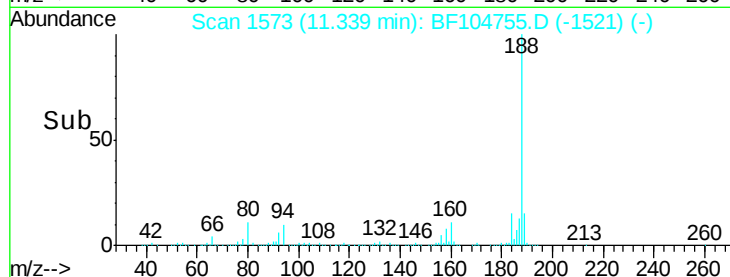
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

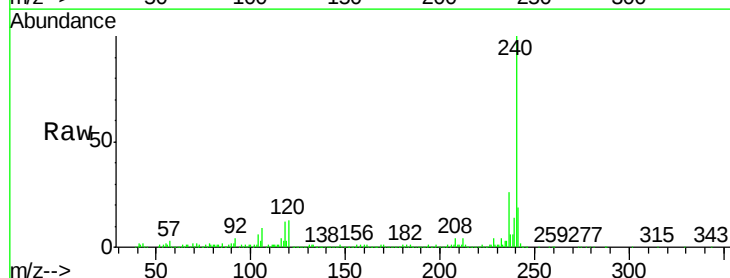
RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF104755.D

Acq: 24 Apr 2018 14:46

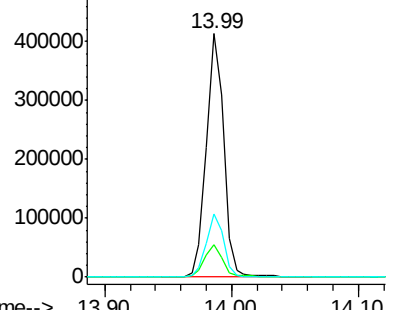
Tgt Ion:	240	Resp:	390632
Ion Ratio	Lower	Upper	
240	100		
120	13.4	9.5	14.3
236	26.2	20.7	31.1



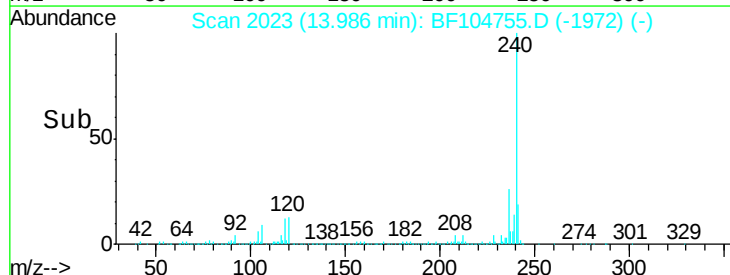
Abundance Ion 240.00 (239.70 to 240.70): E

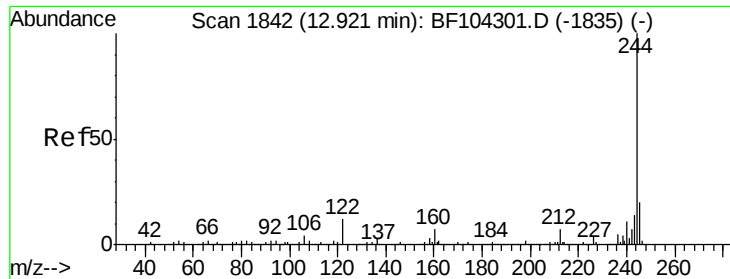
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 44.943 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF104755.D

Acq: 24 Apr 2018 14:46

Instrument :

BNA_F

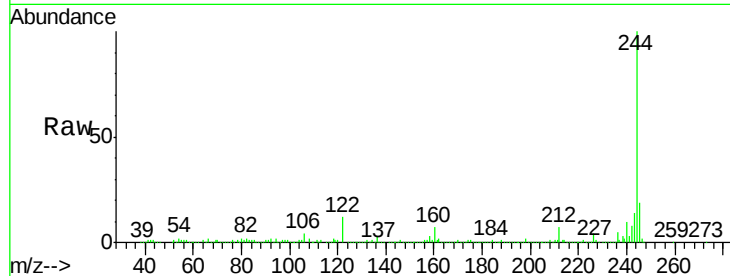
ClientSampleId :

VB16206-VB16122

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.0	11.0	16.4

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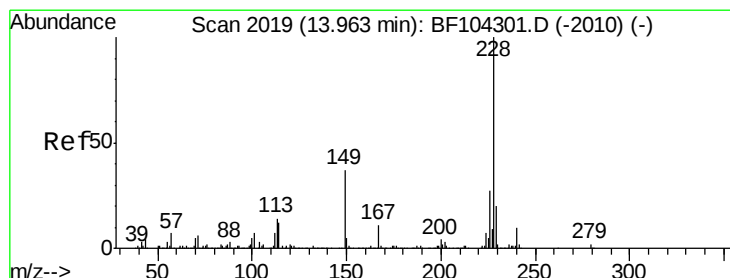
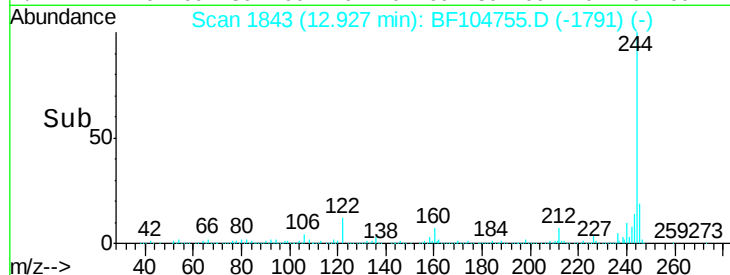
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.93

Time-->



#80

Benzo(a)anthracene

Concen: 2.245 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF104755.D

Acq: 24 Apr 2018 14:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	33.8
229	21.3	15.8	23.6

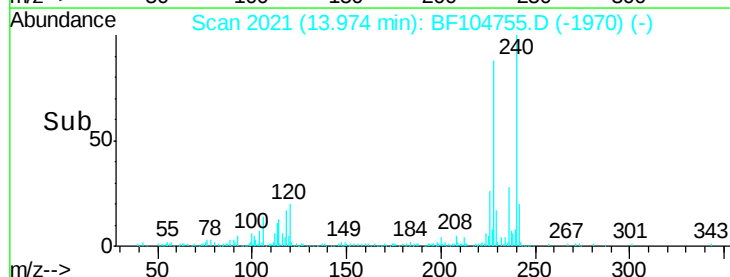
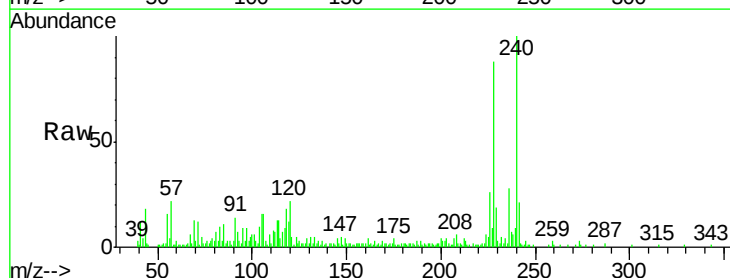
Abundance Ion 228.00 (227.70 to 228.70): E

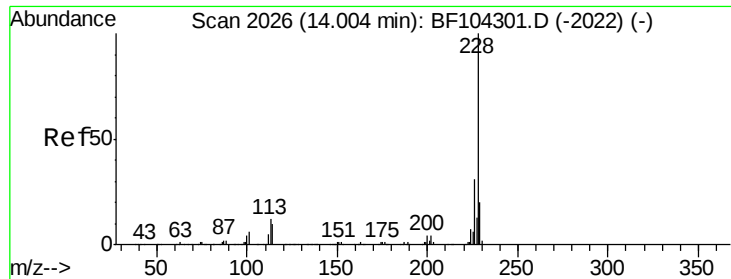
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

13.97

Time-->





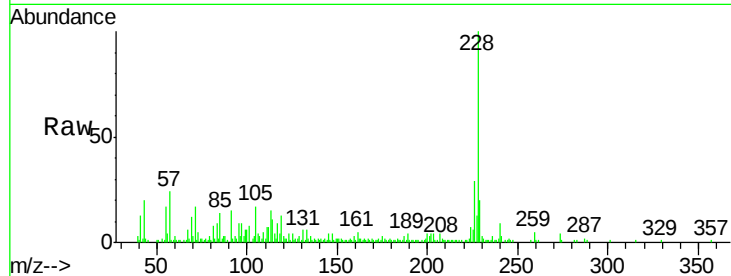
#82
Chrysene
Concen: 2.530 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF104755.D
Acq: 24 Apr 2018 14:46

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16122

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.0	37.6
229	19.9	16.2	24.4

Manual Integrations
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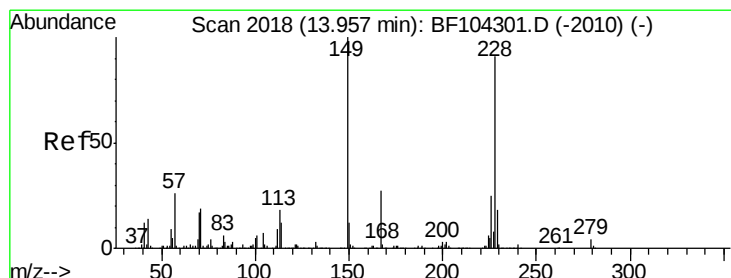
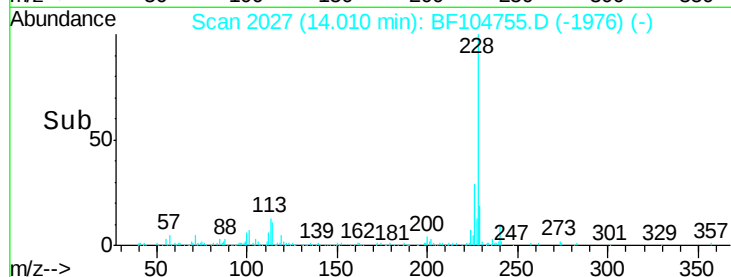
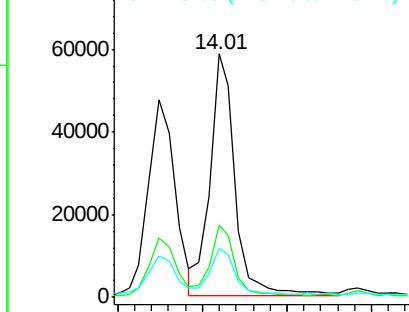


Abundance

Ion 228.00 (227.70 to 228.70): E

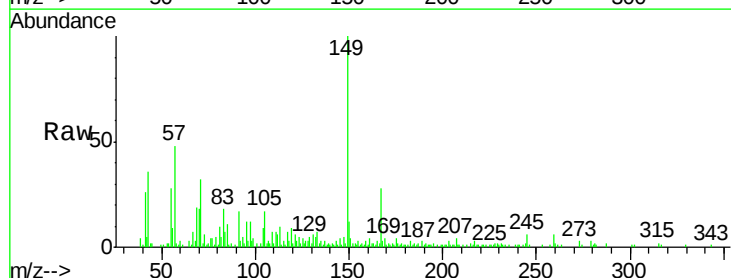
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83
Bis(2-ethylhexyl)phthalate
Concen: 2.339 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF104755.D
Acq: 24 Apr 2018 14:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.3	31.9
279	3.0	3.0	4.4

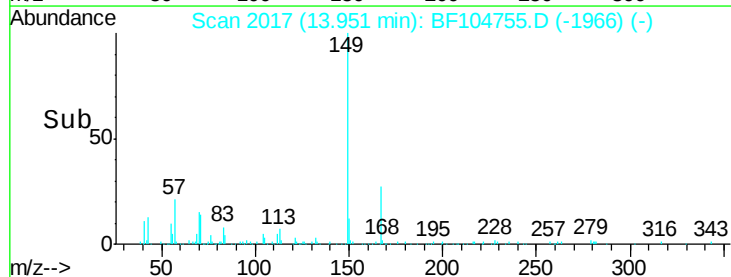
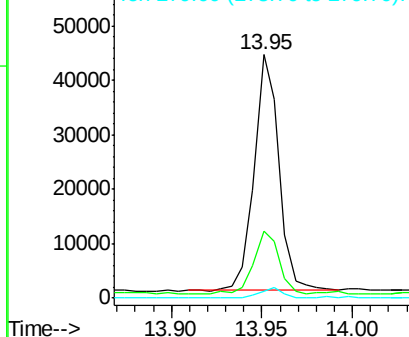


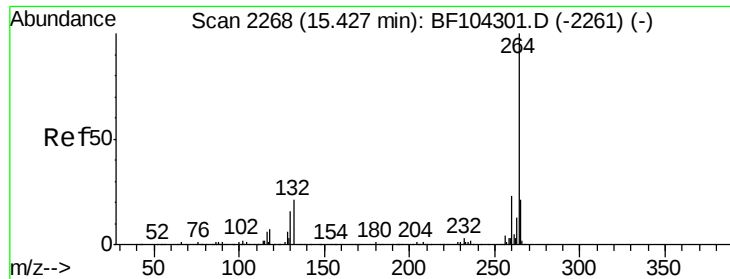
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





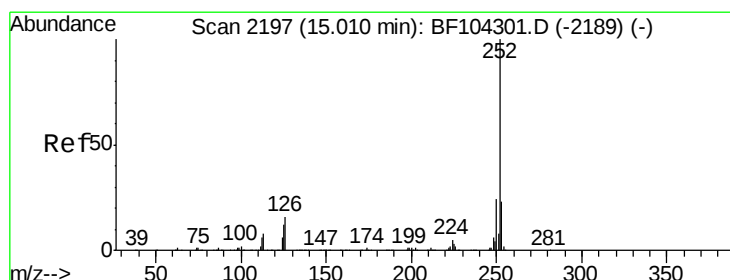
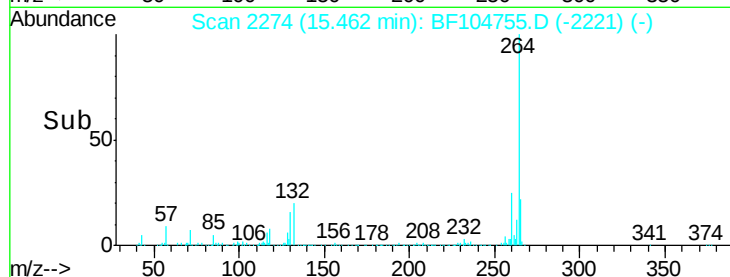
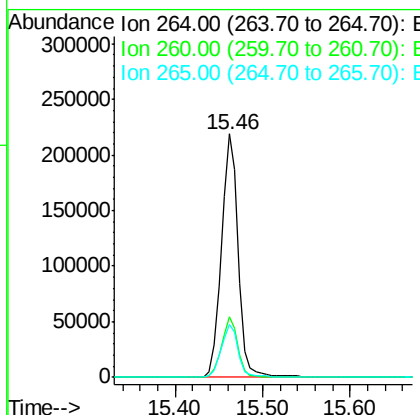
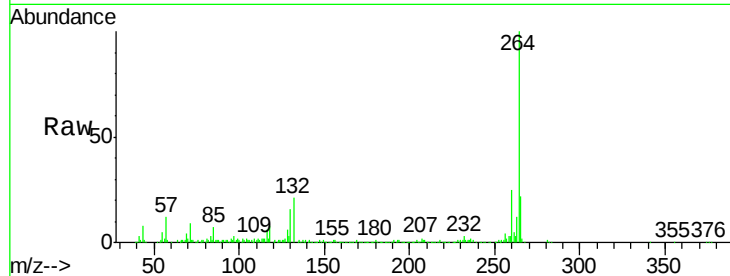
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF104755.D
Acq: 24 Apr 2018 14:46

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16122

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.7	17.5	26.3

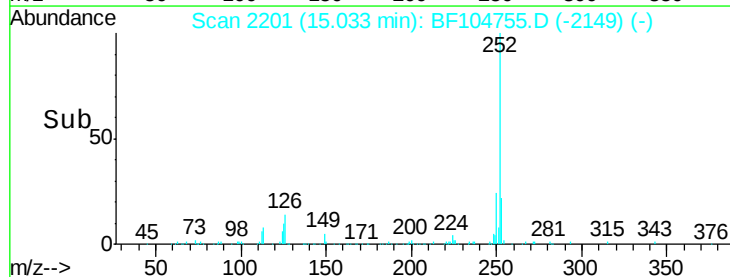
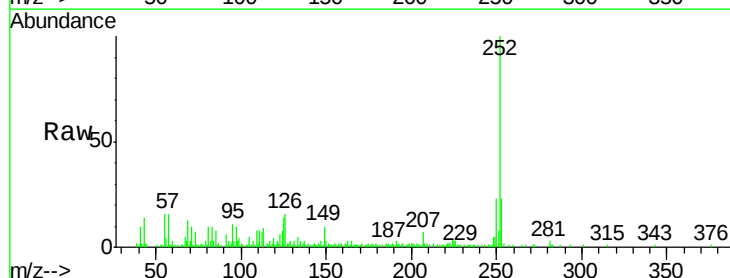
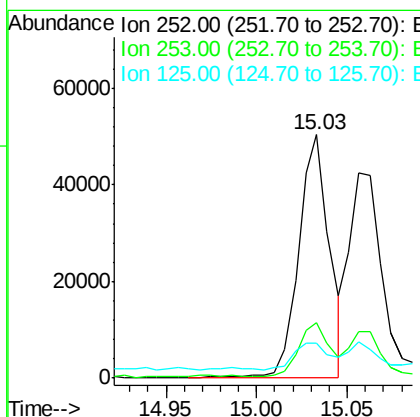
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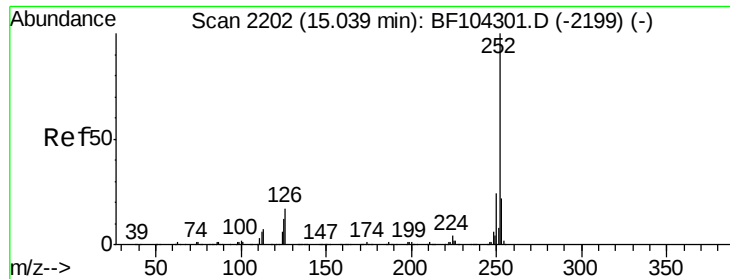
Sohil
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#87
Benzo(b)fluoranthene
Concen: 3.260 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF104755.D
Acq: 24 Apr 2018 14:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	14.1	9.0	13.6





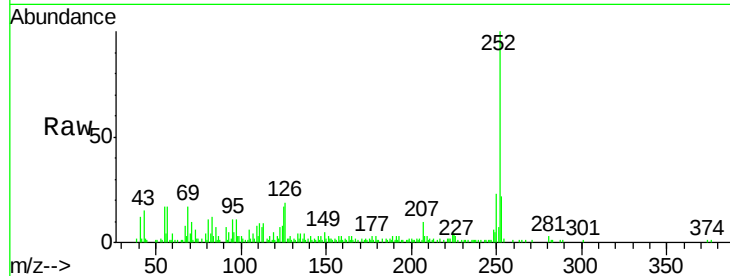
#88
Benzo(k)fluoranthene
Concen: 3.219 ng m
RT: 15.06 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BF104755.D
Acq: 24 Apr 2018 14:46

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16122

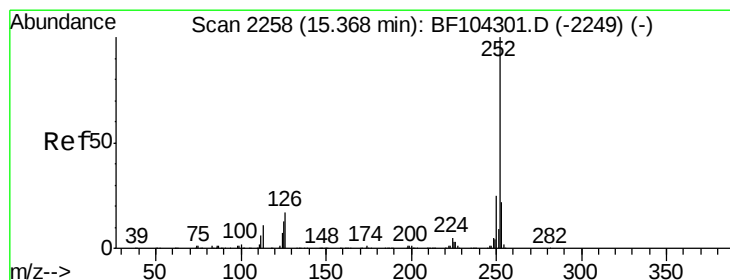
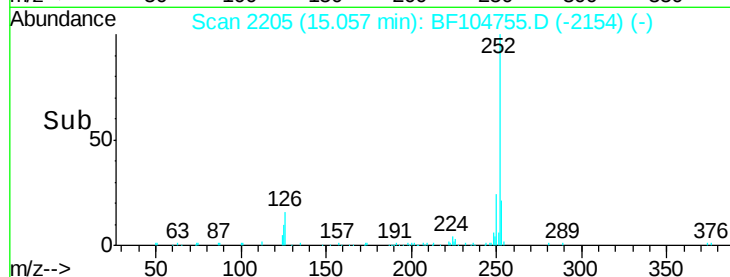
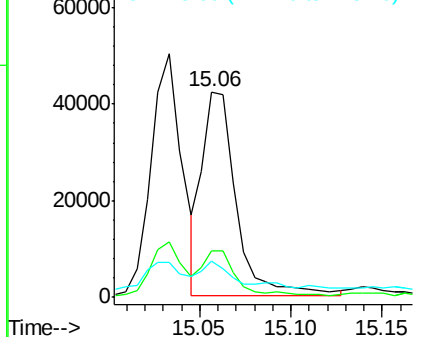
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	17.4	10.2	15.2

Manual Integrations
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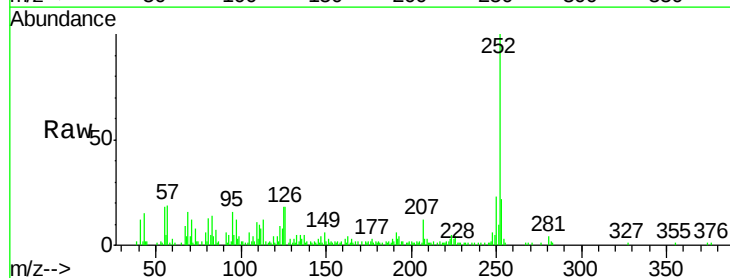


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

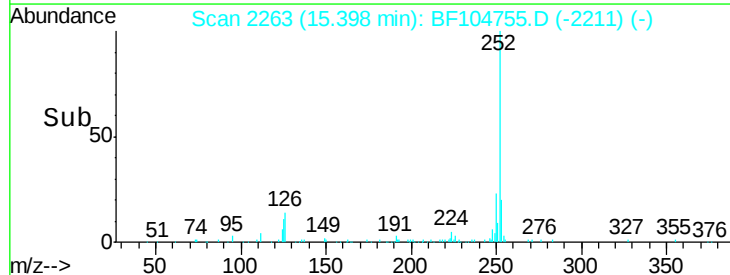
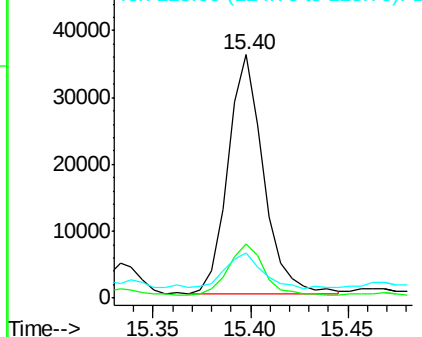


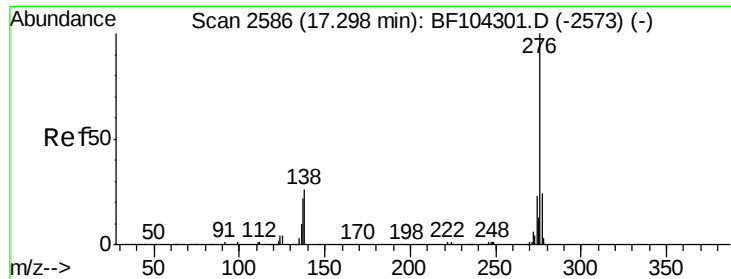
#89
Benzo(a)pyrene
Concen: 2.714 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF104755.D
Acq: 24 Apr 2018 14:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	18.4	9.8	14.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 2.764 ng
 RT: 17.37 min Scan# 2598
 Delta R.T. 0.02 min
 Lab File: BF104755.D
 Acq: 24 Apr 2018 14:46

Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16122

Tot Ion:	276	Resp:	36295
Ion Ratio	Lower	Upper	
276	100		
277	23.9	17.9	26.9
138	25.6	21.8	32.8

Manual Integrations
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 4/25/2018 4:22:42 PM

