

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121917\
 Data File : BF101528.D
 Acq On : 19 Dec 2017 17:54
 Operator : SJ/JU
 Sample : I6940-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MS

Manual Integrations
 APPROVED

Sohil
 12/20/2017 3:47:54 PM

Quant Time: Dec 20 07:28:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	133334	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	518218	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	227216	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	385355	20.00	ng	0.00
75) Chrysene-d12	13.99	240	245979	20.00	ng	0.00
86) Perylene-d12	15.46	264	313142	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	833683	93.14	ng	0.02
7) Phenol-d6	6.46	99	1096371	98.42	ng	0.00
23) Nitrobenzene-d5	7.38	82	705155	75.75	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	183147	83.65	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1070707	73.10	ng	0.00
78) Terphenyl-d14	12.92	244	796917	78.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	149553	32.516	ng	95
3) Pyridine	3.35	79	400792	31.364	ng	95
4) n-Nitrosodimethylamine	3.32	42	196485	33.394	ng	97
6) Aniline	6.48	93	108077	6.981	ng	# 50
8) 2-Chlorophenol	6.60	128	338261	35.924	ng	98
9) Benzaldehyde	6.37	77	229923	27.947	ng	95
10) Phenol	6.47	94	499189	39.315	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	357598	35.905	ng	94
12) 1,3-Dichlorobenzene	6.75	146	390387	36.735	ng	98
13) 1,4-Dichlorobenzene	6.83	146	398113	36.685	ng	98
14) 1,2-Dichlorobenzene	6.98	146	362319	37.091	ng	95
15) Benzyl Alcohol	6.96	79	272156	35.494	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.08	45	571605	37.501	ng	59
17) 2-Methylphenol	7.07	107	289955	33.477	ng	# 90
18) Hexachloroethane	7.31	117	133683	35.431	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	247457	33.825	ng	96
20) 3+4-Methylphenols	7.23	107	390782	42.577	ng	93
22) Acetophenone	7.22	105	495265	41.885	ng	# 97
24) Nitrobenzene	7.40	77	380899	36.969	ng	100
25) Isophorone	7.63	82	688396	36.861	ng	100
26) 2-Nitrophenol	7.72	139	145446	32.858	ng	95
27) 2,4-Dimethylphenol	7.75	122	314870	41.871	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	443007	37.344	ng	99
29) 2,4-Dichlorophenol	7.96	162	285867	38.478	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	300213	38.291	ng	97
31) Naphthalene	8.12	128	1018982	39.058	ng	100
33) 4-Chloroaniline	8.17	127	69762	6.152	ng	98
34) Hexachlorobutadiene	8.22	225	174531	38.489	ng	98
35) Caprolactam	8.53	113	97010	37.605	ng	91
36) 4-Chloro-3-methylphenol	8.66	107	316553	38.766	ng	100
37) 2-Methylnaphthalene	8.80	142	653945	38.473	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	309576	40.355	ng	# 97
40) Hexachlorocyclopentadiene	8.95	237	27090	31.501	ng	95
42) 2,4,6-Trichlorophenol	9.09	196	92081	19.938	ng	98

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121917\
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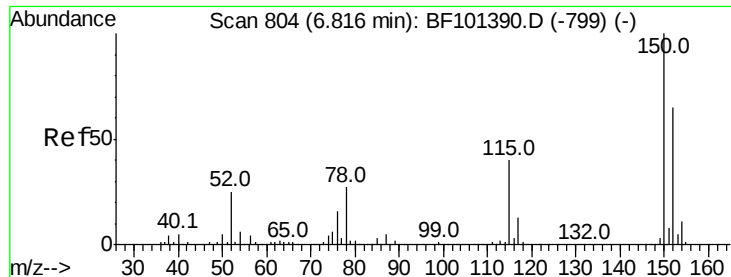
Manual Integrations
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Sohil
 12/20/2017 3:47:54 PM

Quant Time: Dec 20 07:28:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.15	196	148825	29.430	nq	94
45) 1,1'-Biphenyl	9.27	154	775058	38.463	nq	99
46) 2-Chloronaphthalene	9.30	162	586142	38.016	nq	96
47) 2-Nitroaniline	9.40	65	202825	38.080	nq	94
48) Acenaphthylene	9.71	152	856049	35.152	nq	100
49) Dimethylphthalate	9.57	163	751773	41.134	nq	99
50) 2,6-Dinitrotoluene	9.65	165	147732	39.771	nq	98
51) Acenaphthene	9.88	154	540545	36.945	nq	100
52) 3-Nitroaniline	9.82	138	109304	23.602	nq	98
54) Dibenzofuran	10.06	168	740265	39.812	nq	99
56) 2,4-Dinitrotoluene	10.06	165	173027	41.344	nq	# 86
57) Fluorene	10.40	166	618998	39.353	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	46088	12.685	nq	# 70
59) Diethylphthalate	10.26	149	647754	35.790	nq	97
60) 4-Chlorophenyl-phenylether	10.39	204	288461	38.265	nq	93
61) 4-Nitroaniline	10.43	138	155273	33.356	nq	94
62) Azobenzene	10.54	77	654092	34.887	nq	96
65) n-Nitrosodiphenylamine	10.51	169	555441	39.036	nq	95
66) 4-Bromophenyl-phenylether	10.87	248	184836	42.688	nq	# 88
67) Hexachlorobenzene	10.95	284	183608	40.065	nq	# 88
68) Atrazine	11.03	200	188222	44.363	nq	98
69) Pentachlorophenol	11.16	266	15777	14.684	nq	94
70) Phenanthrene	11.36	178	908541	42.395	nq	99
71) Anthracene	11.42	178	848217	38.748	nq	99
72) Carbazole	11.57	167	739966	36.105	nq	99
73) Di-n-butylphthalate	11.89	149	948184	38.117	nq	100
74) Fluoranthene	12.56	202	775772	34.488	nq	98
76) Benzidine	12.68	184	215857	20.778	nq	98
77) Pvrene	12.79	202	746241	40.423	nq	99
79) Butylbenzylphthalate	13.39	149	315256	37.742	nq	# 93
80) Benzo(a)anthracene	13.98	228	611025	37.619	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	119540	22.571	nq	# 98
82) Chrysene	14.02	228	573561	37.400	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	416382	39.355	nq	99
84) Di-n-octyl phthalate	14.56	149	685700	36.341	nq	99
85) Indeno(1,2,3-cd)pyrene	16.95	276	807011	59.094	nq	95
87) Benzo(b)fluoranthene	15.03	252	655984	34.369	nq	99
88) Benzo(k)fluoranthene	15.06	252	622763m	33.559	nq	
89) Benzo(a)pyrene	15.40	252	653848	37.161	nq	99
90) Dibenzo(a,h)anthracene	16.95	278	664151	43.963	nq	97
91) Benzo(g,h,i)perylene	17.40	276	706892	47.255	nq	94

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



#1

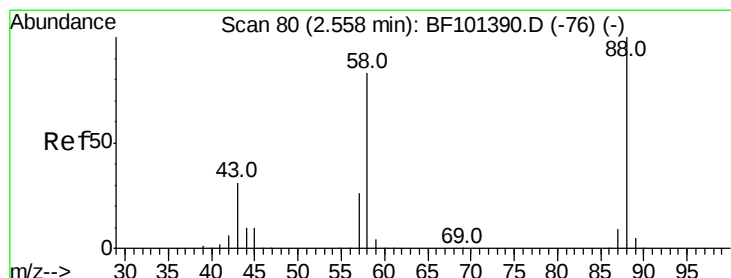
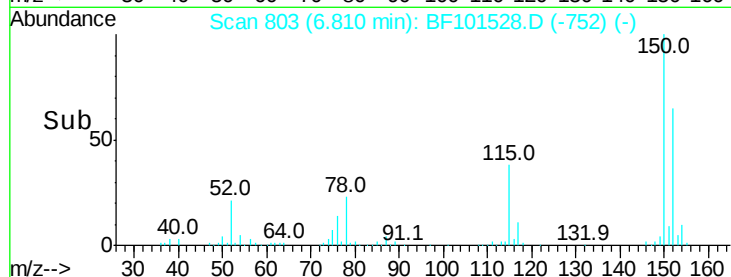
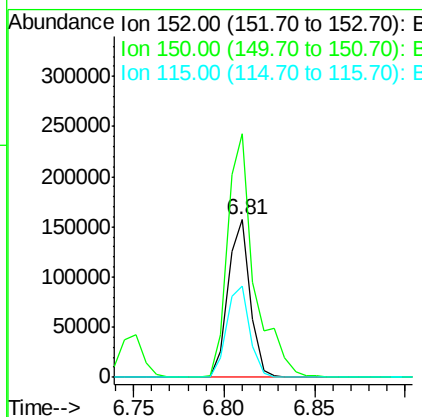
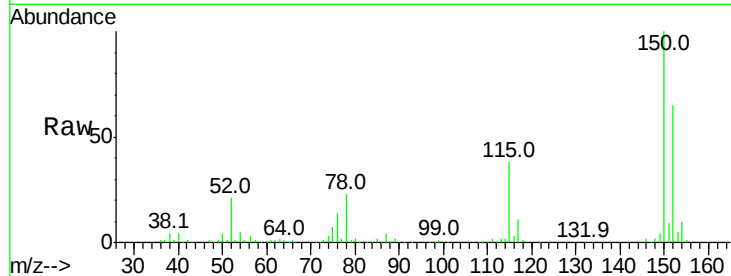
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	58.2	50.1	75.1

Manual Integrations
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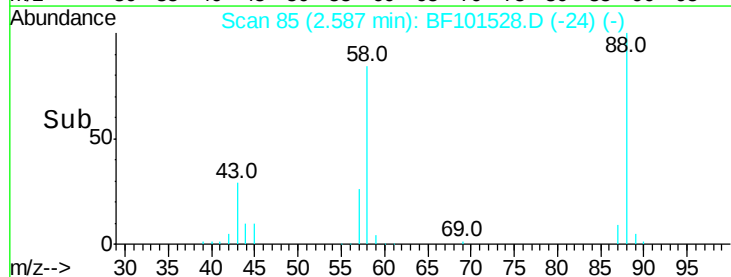
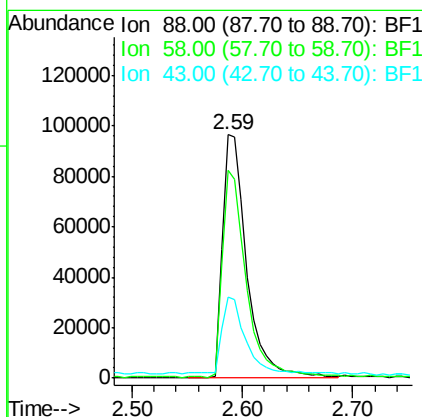
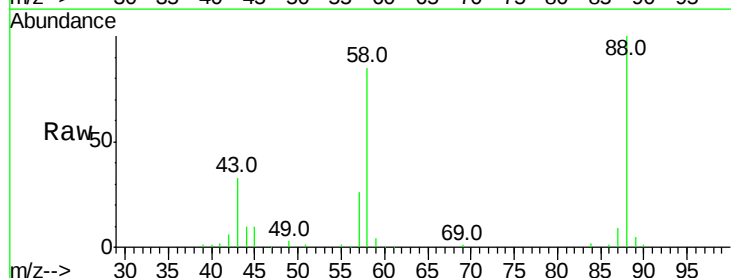
Sohil
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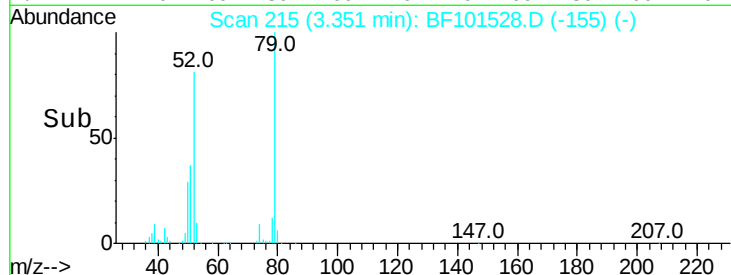
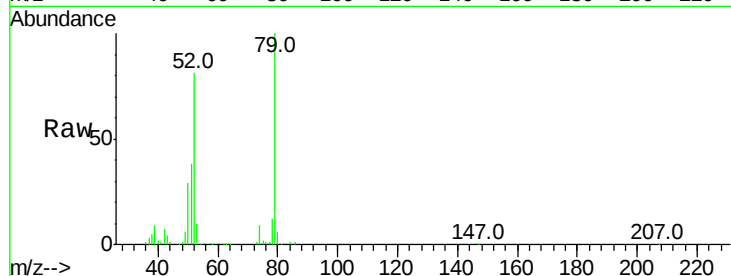
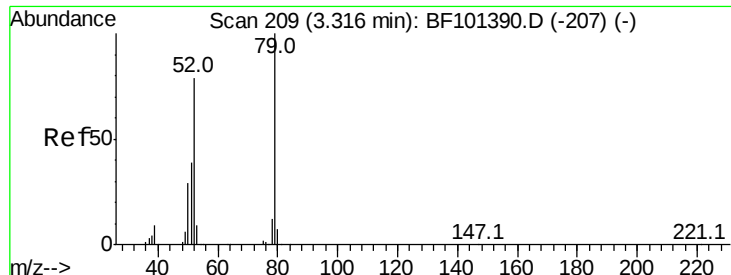


#2

1,4-Dioxane
Concen: 32.516 ng
RT: 2.59 min Scan# 85
Delta R.T. 0.06 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.7	62.6	93.8
43	31.0	24.6	37.0





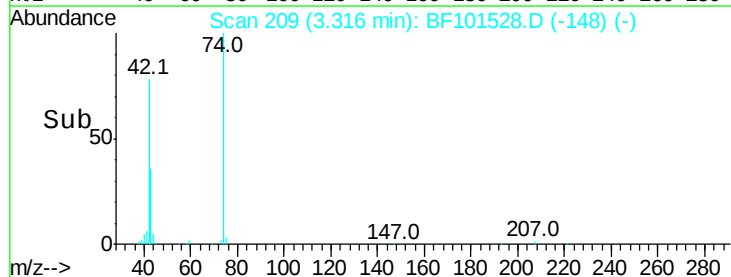
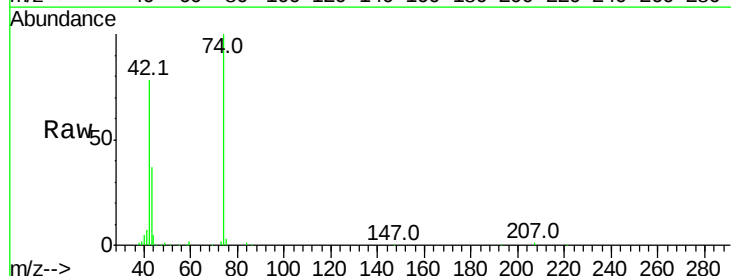
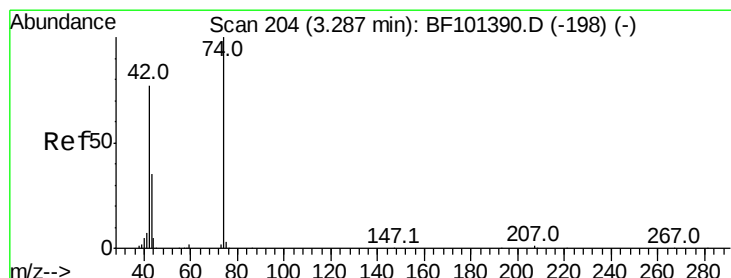
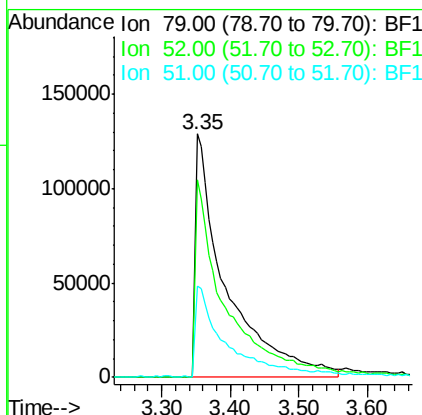
#3
Pvridine
Concen: 31.364 ng
RT: 3.35 min Scan# 215
Delta R.T. 0.05 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Tot Ion	Ratio	Lower	Upper
79	100		
52	81.0	59.8	89.6
51	37.7	29.8	44.8

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MS

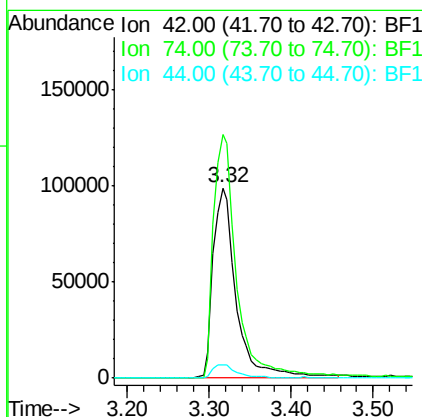
Manual Integrations
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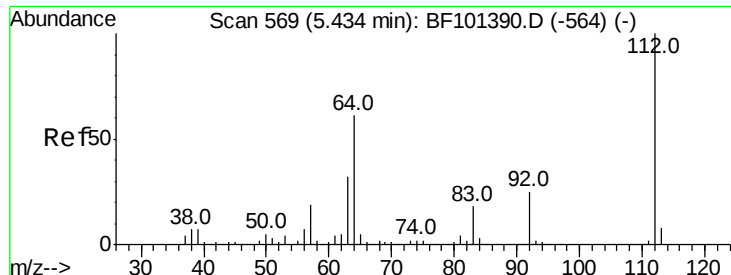
Sohil
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#4
n-Nitrosodimethylamine
Concen: 33.394 ng
RT: 3.32 min Scan# 209
Delta R.T. 0.06 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
42	100		
74	127.8	104.9	157.3
44	7.0	6.9	10.3





#5

2-Fluorophenol

Concen: 93.137 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Instrument :

BNA_F

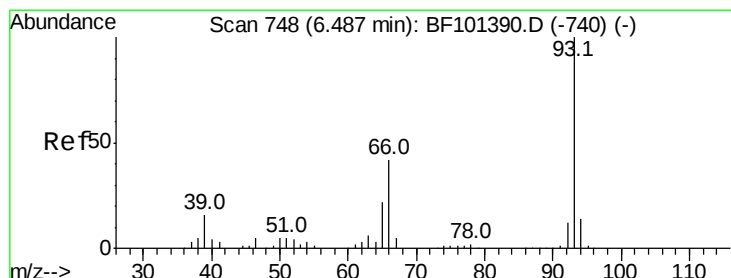
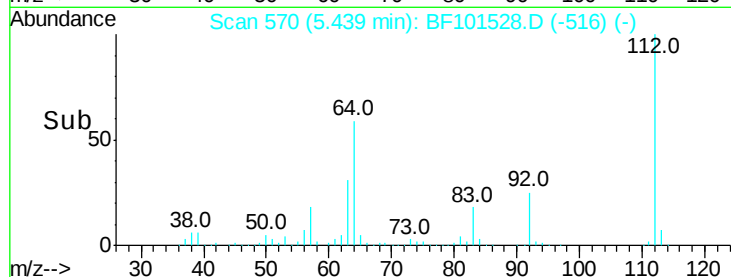
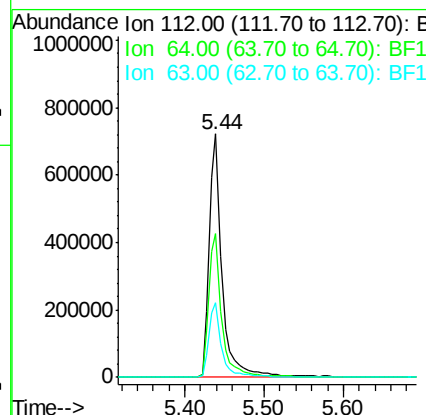
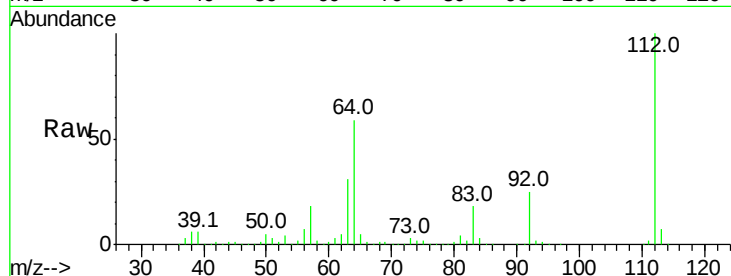
ClientSampleId :

VB16206-VB16211MS

Tot Ion:	112	Resp:	833683
Ion Ratio	Lower	Upper	
112	100		
64	59.1	47.9	71.9
63	30.8	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 6.981 ng

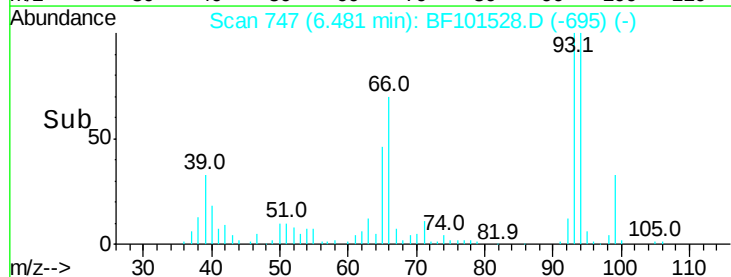
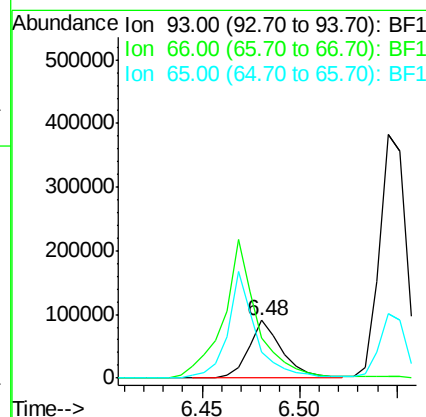
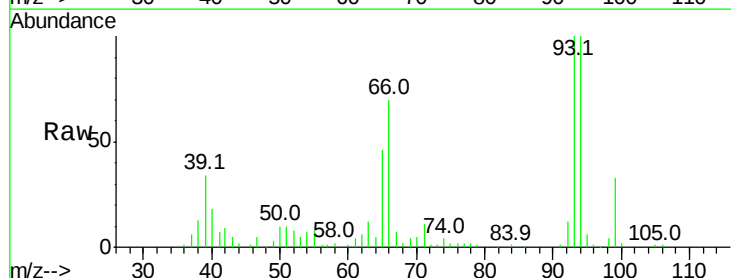
RT: 6.48 min Scan# 747

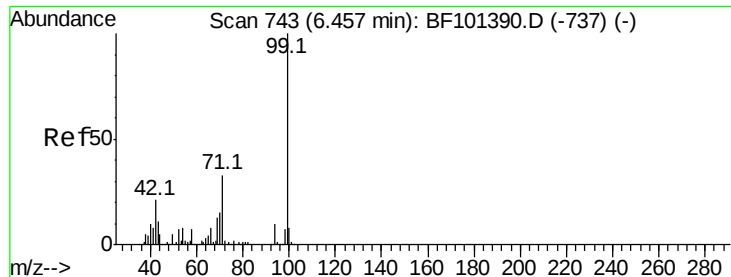
Delta R.T. 0.01 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Tgt Ion:	93	Resp:	108077
Ion Ratio	Lower	Upper	
93	100		
66	69.9	32.2	48.2#
65	45.5	16.4	24.6#





#7

Phenol-d6

Concen: 98.417 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MS

Tot Ion: 99 Resp: 1096371

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

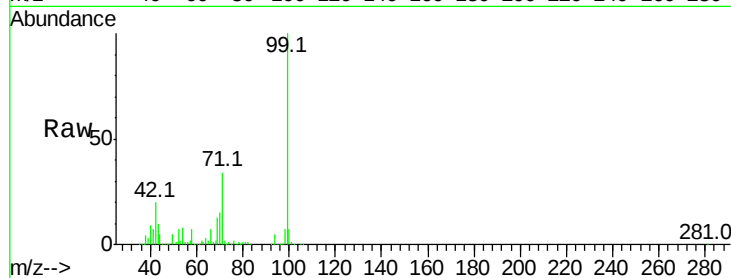
71 33.6 25.4 38.0

Manual Integrations

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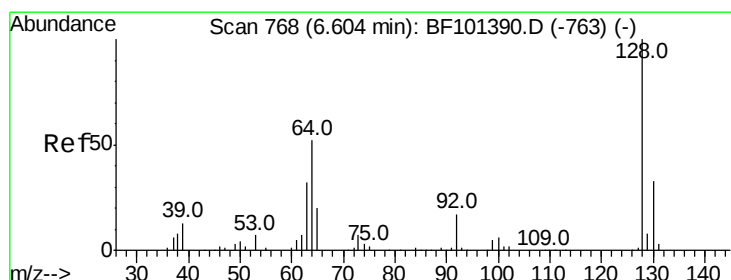
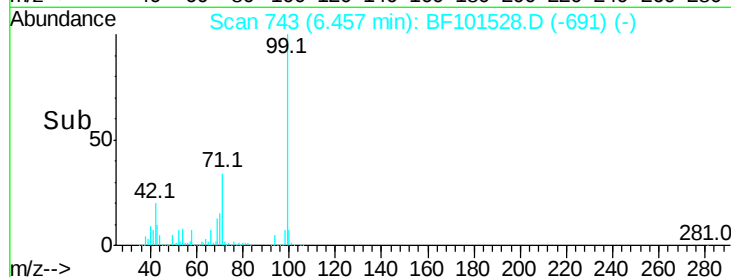
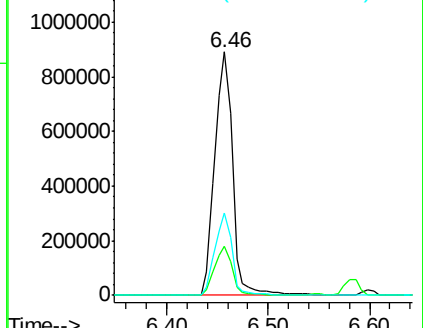
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.924 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

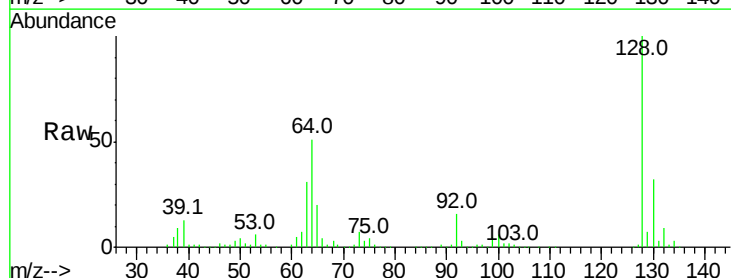
Tgt Ion: 128 Resp: 338261

Ion Ratio Lower Upper

128 100

130 32.0 13.0 53.0

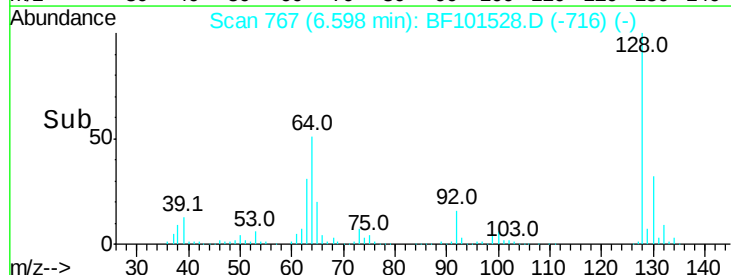
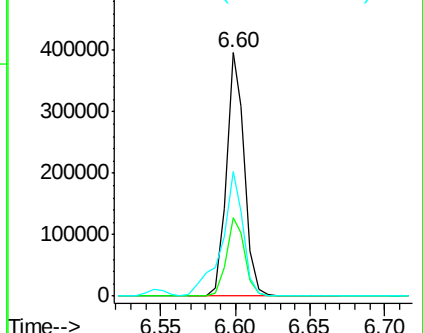
64 51.1 29.4 69.4

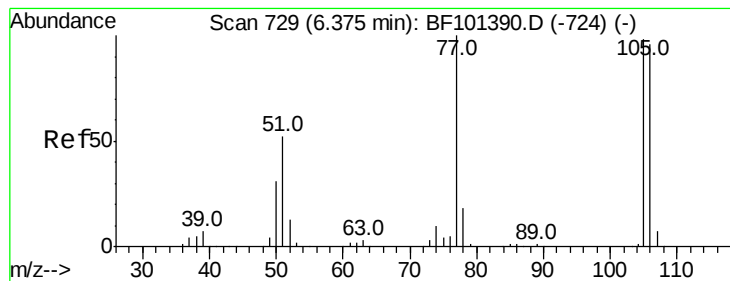


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.947 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Instrument :

BNA_F

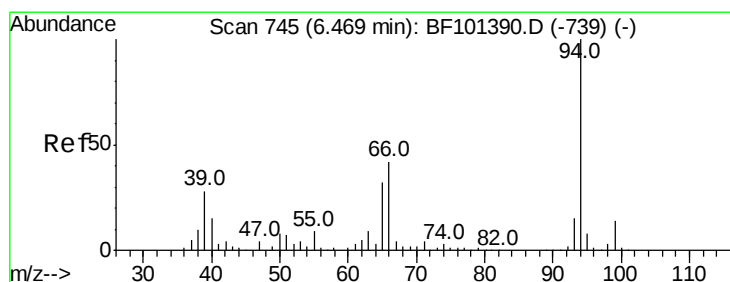
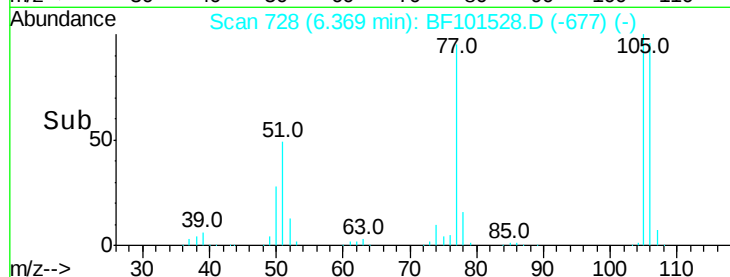
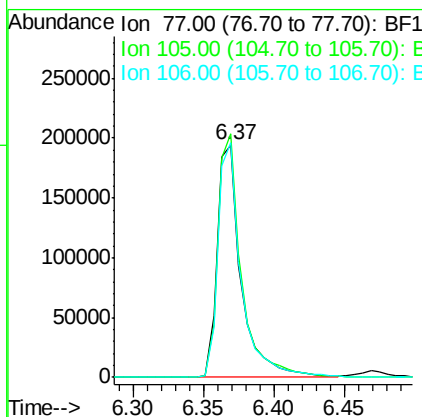
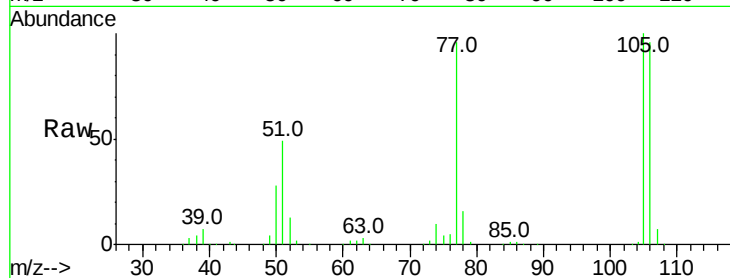
ClientSampleId :

VB16206-VB16211MS

Tot Ion:	77	Resp:	229923
Ion	Ratio	Lower	Upper
77	100		
105	104.7	81.1	121.1
106	100.8	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 39.315 ng

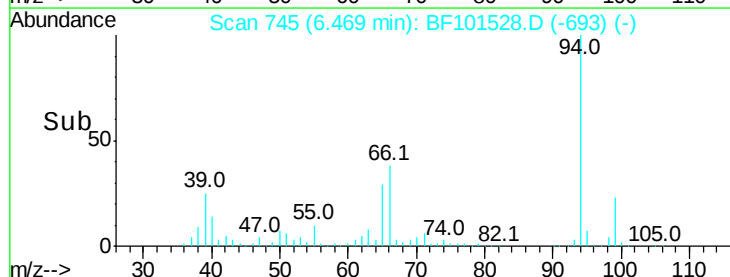
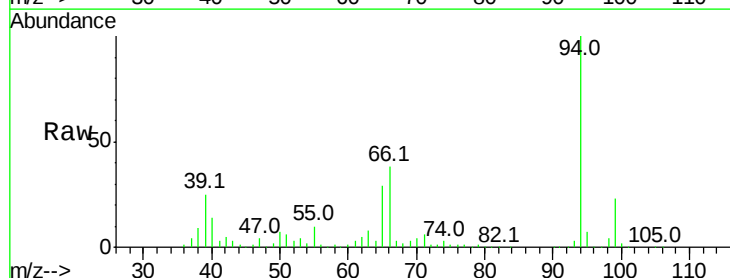
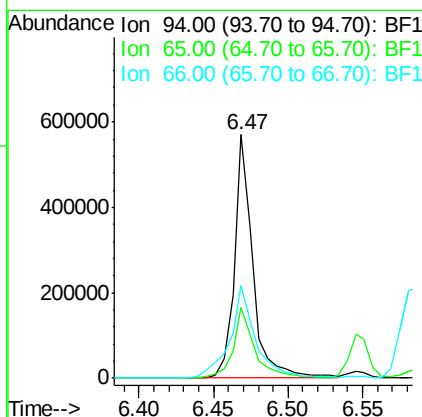
RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Tgt Ion:	94	Resp:	499189
Ion	Ratio	Lower	Upper
94	100		
65	29.2	7.9	47.9
66	38.1	16.2	56.2





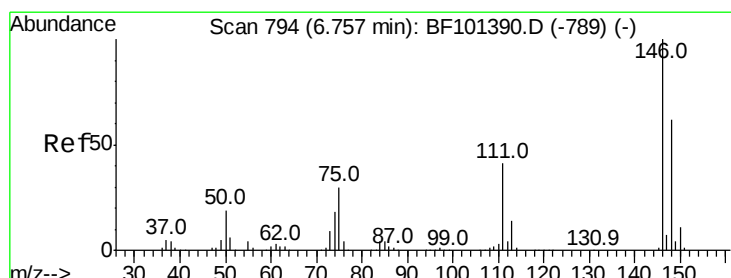
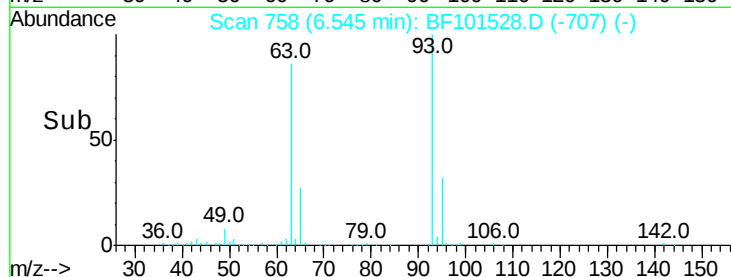
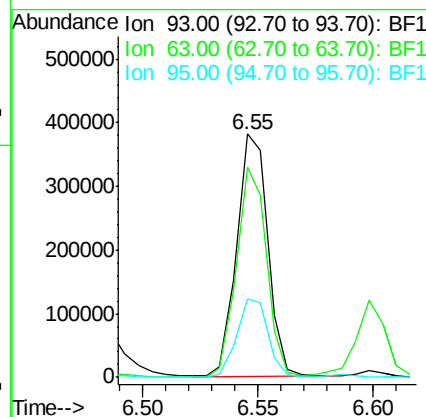
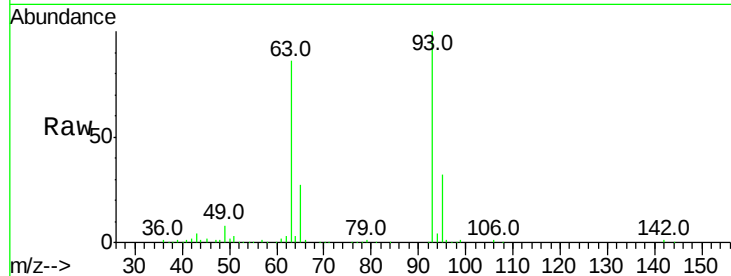
#11
bis(2-Chloroethyl)ether
Concen: 35.905 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	357598		
63	86.3		58.6	98.6
95	32.0		11.8	51.8

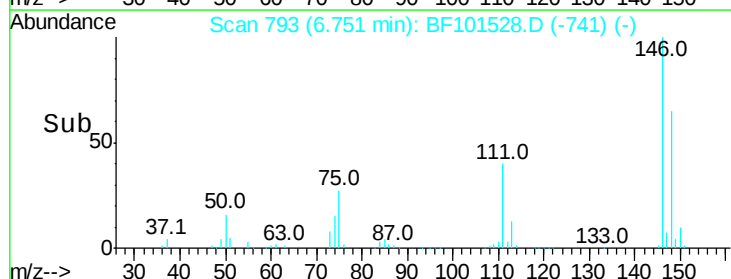
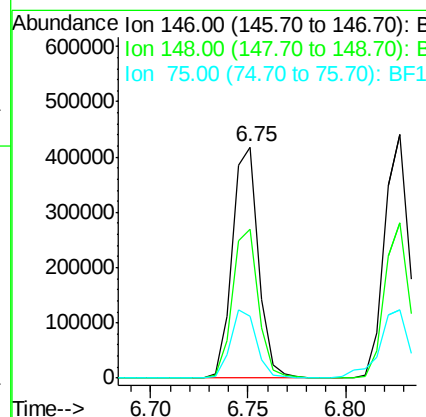
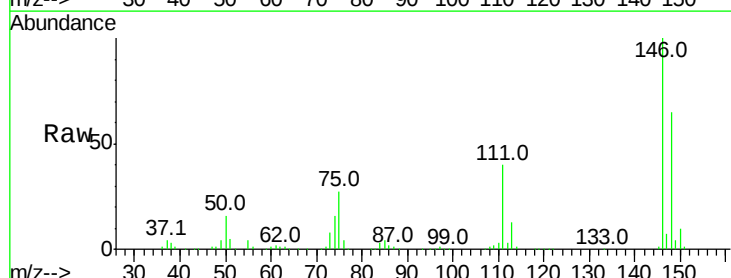
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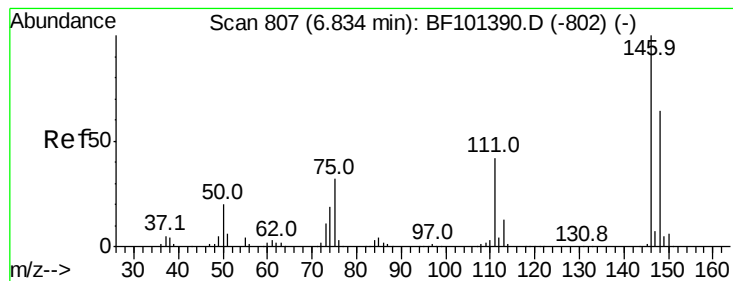
Sohil
12/20/2017 3:47:54 PM



#12
1,3-Dichlorobenzene
Concen: 36.735 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	390387		
148	64.7		51.8	77.8
75	27.0		24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 36.685 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Instrument :

BNA_F

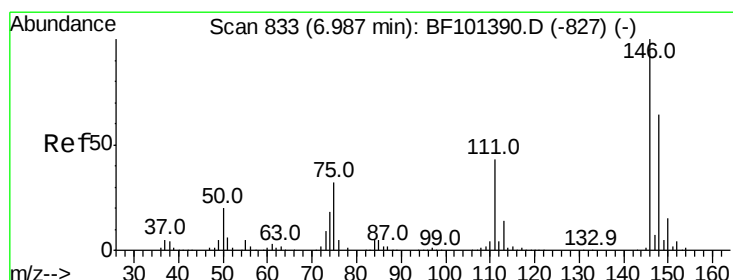
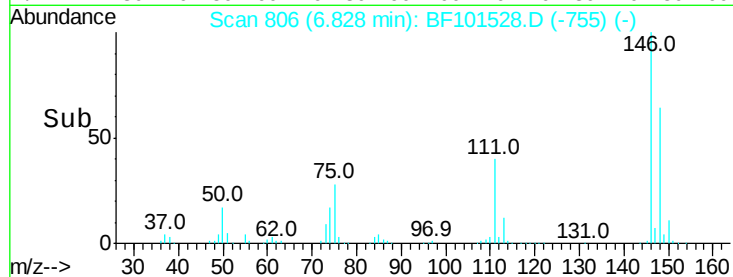
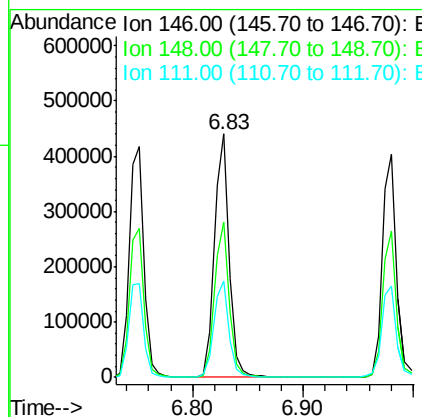
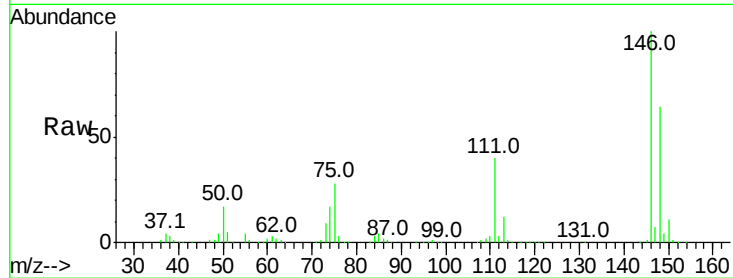
ClientSampleId :

VB16206-VB16211MS

Tot Ion:	146	Resp:	398113
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.8	76.2
111	39.8	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 37.091 ng

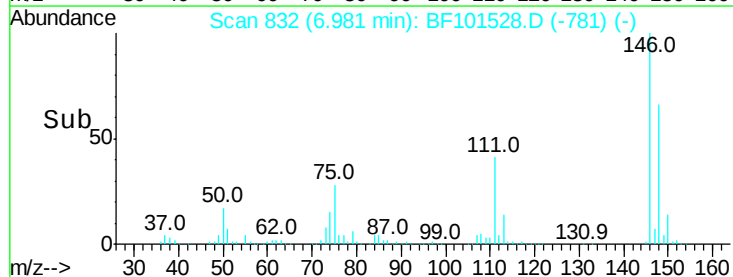
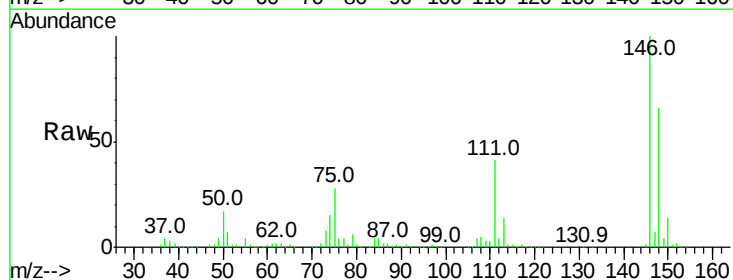
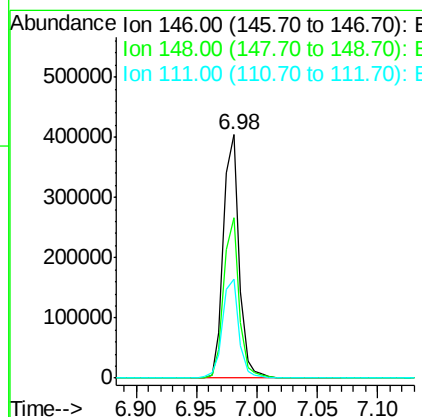
RT: 6.98 min Scan# 832

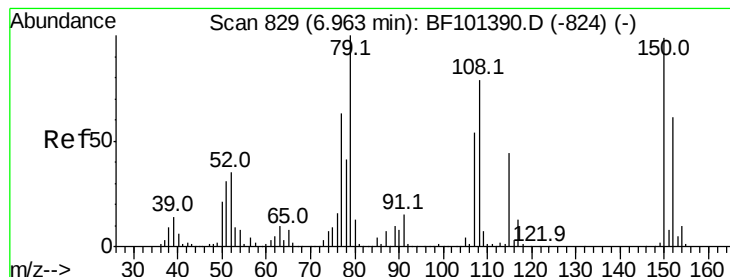
Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Tgt Ion:	146	Resp:	362319
Ion Ratio	Lower	Upper	
146	100		
148	65.7	50.6	75.8
111	40.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 35.494 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Instrument :

BNA_F

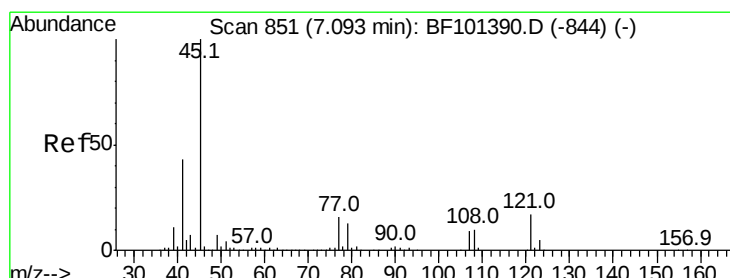
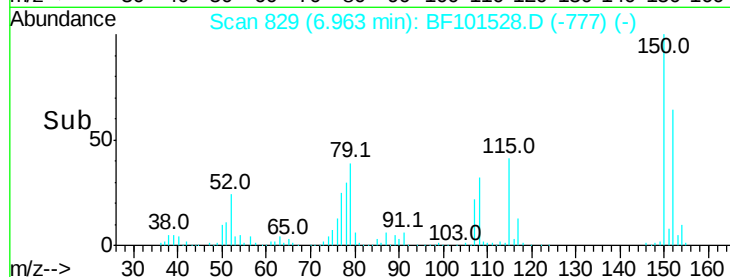
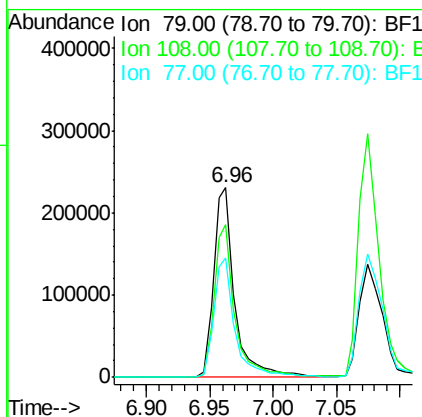
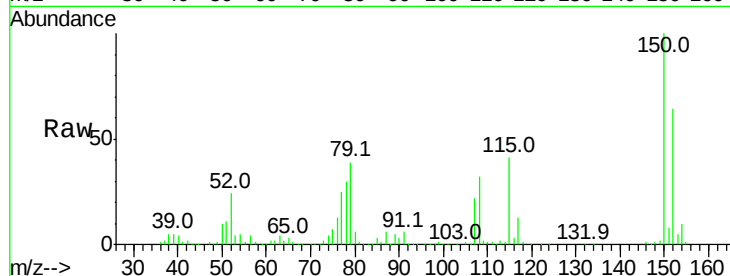
ClientSampleId :

VB16206-VB16211MS

Tot Ion:	79	Resp:	272156
Ion Ratio	Lower	Upper	
79	100		
108	80.9	65.1	97.7
77	63.0	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.501 ng

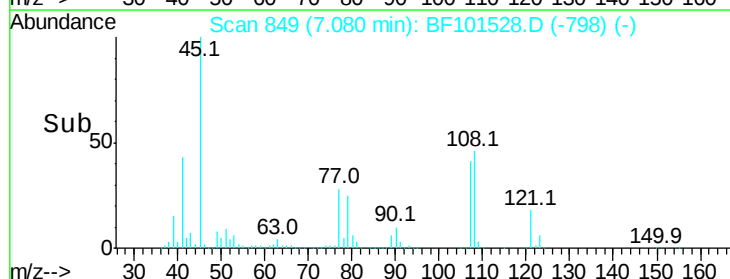
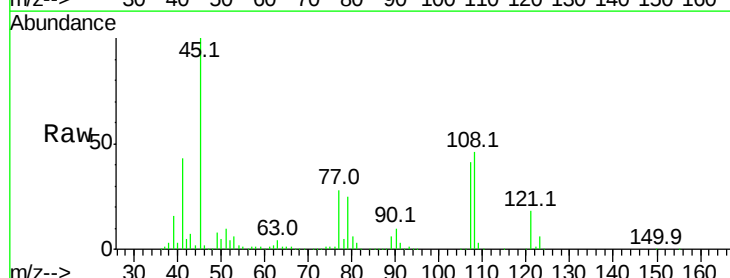
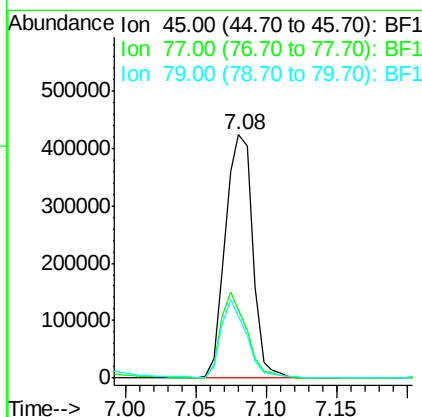
RT: 7.08 min Scan# 849

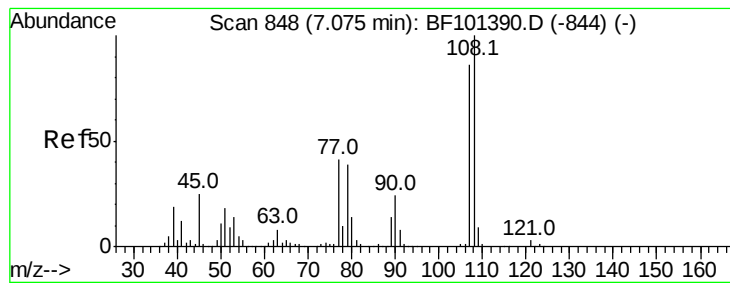
Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Tgt Ion:	45	Resp:	571605
Ion Ratio	Lower	Upper	
45	100		
77	28.3	0.0	32.9
79	25.4	0.0	29.6





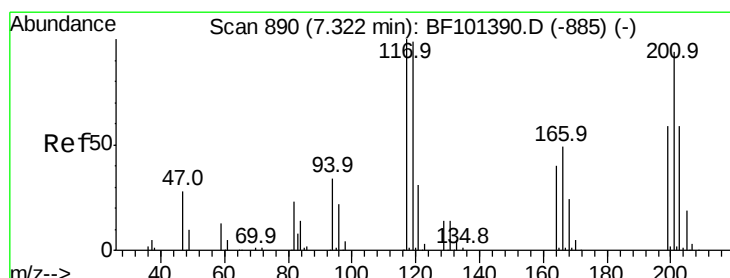
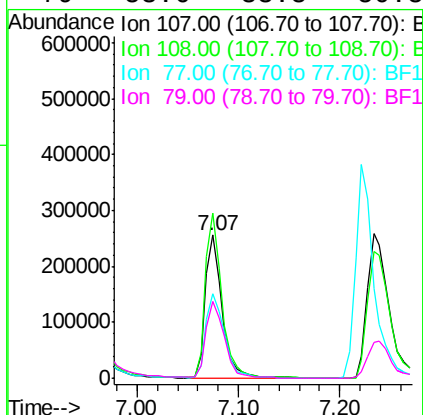
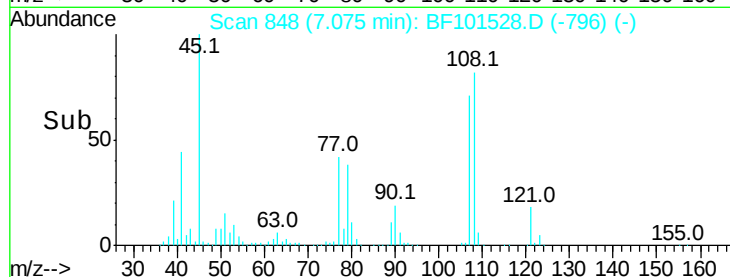
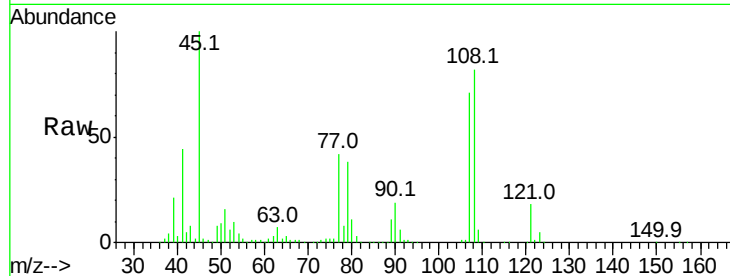
#17
2-Methylphenol
Concen: 33.477 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.9	91.7	137.5	
77	58.8	33.8	50.8#	
79	53.6	33.8	50.8#	

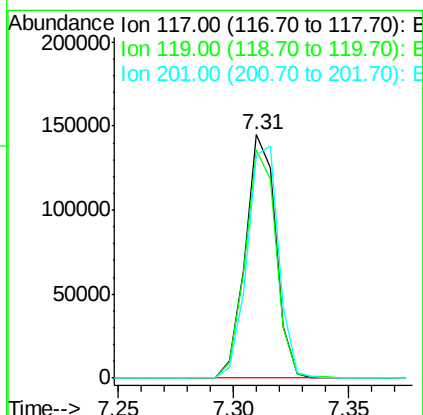
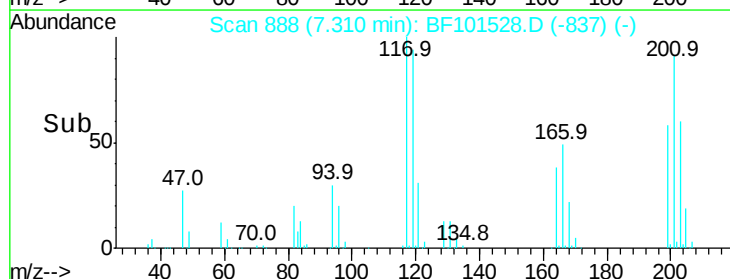
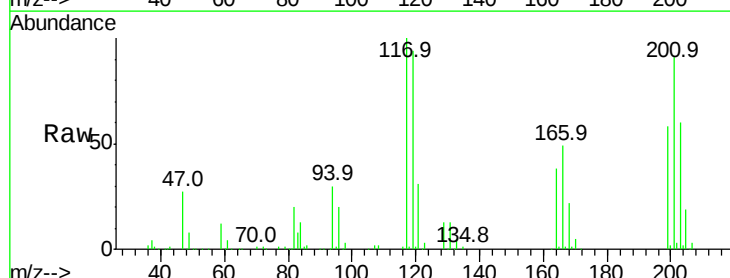
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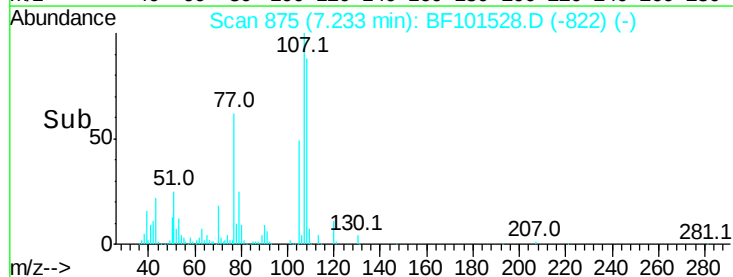
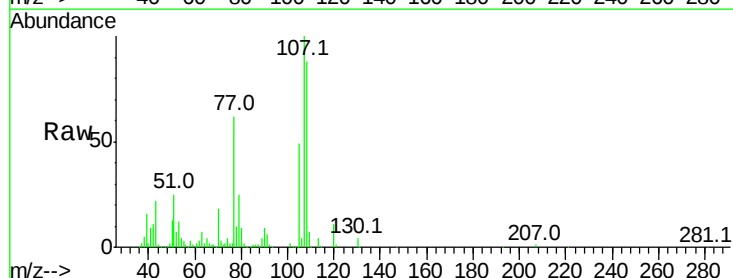
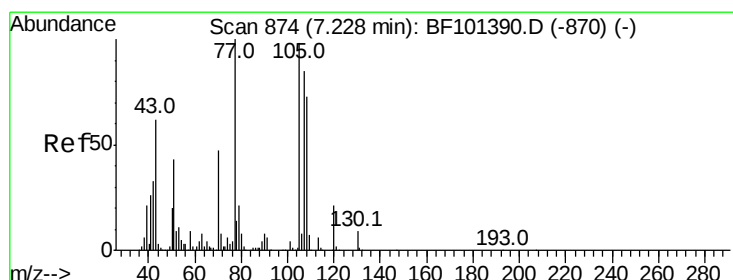
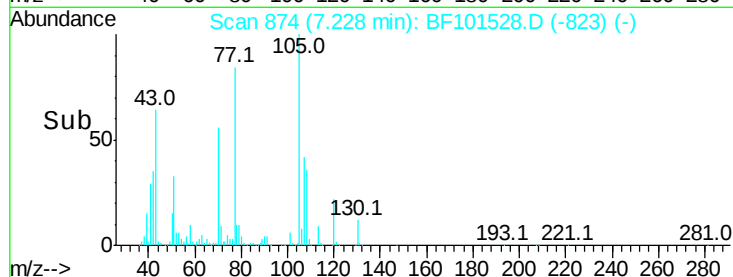
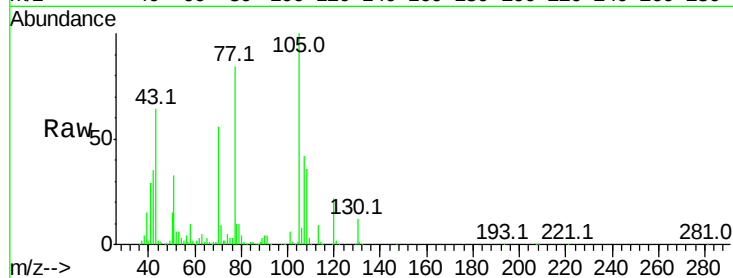
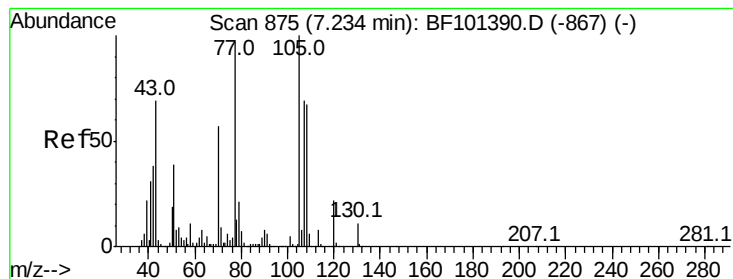
Sohil
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#18
Hexachloroethane
Concen: 35.431 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.8	75.8	113.8	
201	91.5	75.7	113.5	





#19

n-Nitroso-di-n-propylamine

Concen: 33.825 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MS

Tot Ion: 70 Resp: 247457

Ion Ratio Lower Upper

70 100

42 62.6 47.5 71.3

101 10.0 7.4 11.2

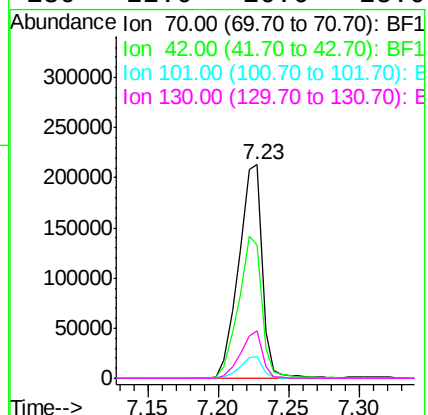
130 22.0 16.6 25.0

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#20

3+4-Methylphenols

Concen: 42.577 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.01 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Tgt Ion: 107 Resp: 390782

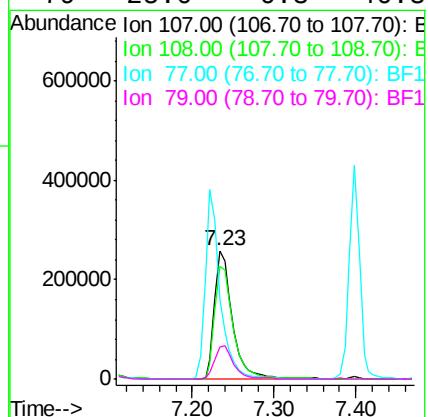
Ion Ratio Lower Upper

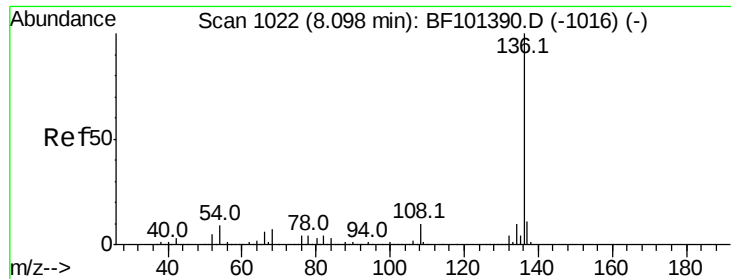
107 100

108 87.9 68.2 108.2

77 62.1 26.7 66.7

79 25.0 6.3 46.3





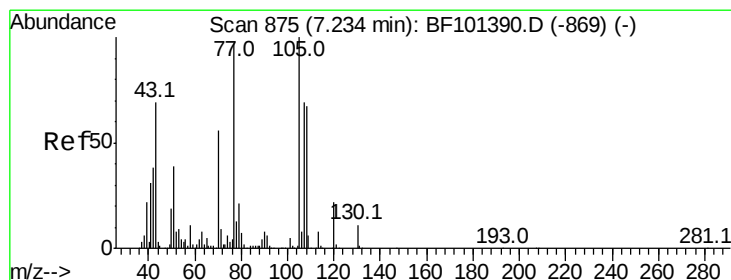
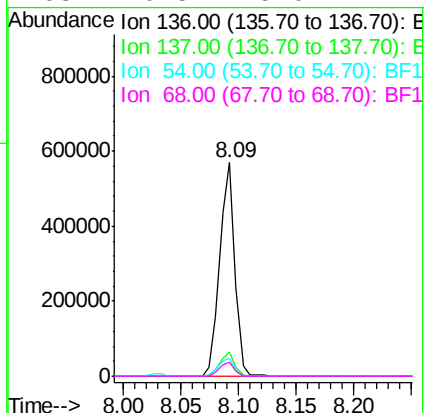
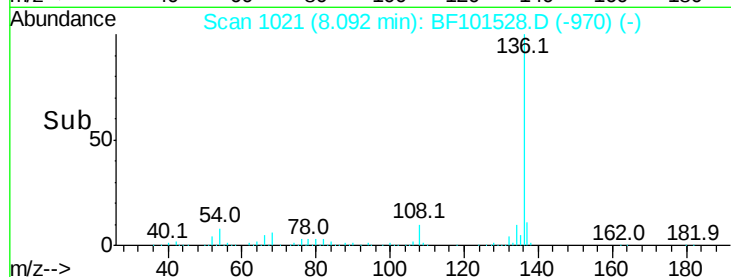
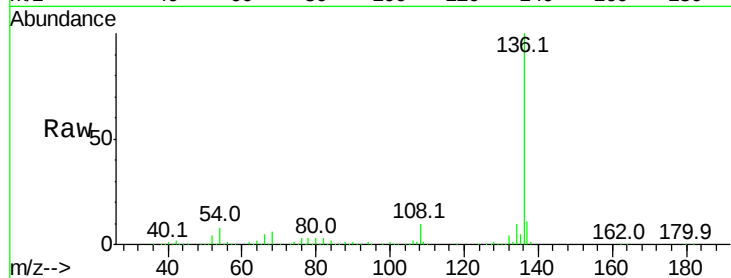
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.9	13.3	
54	8.4	6.6	9.8	
68	6.5	5.0	7.4	

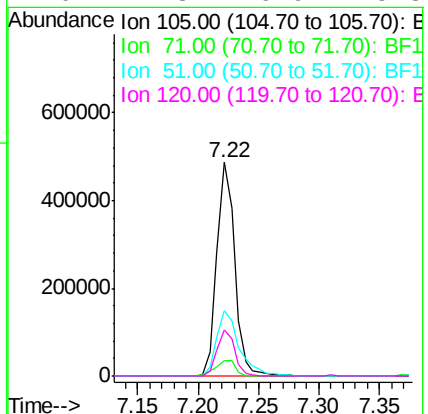
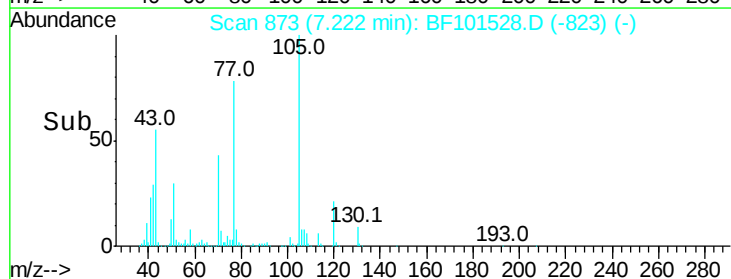
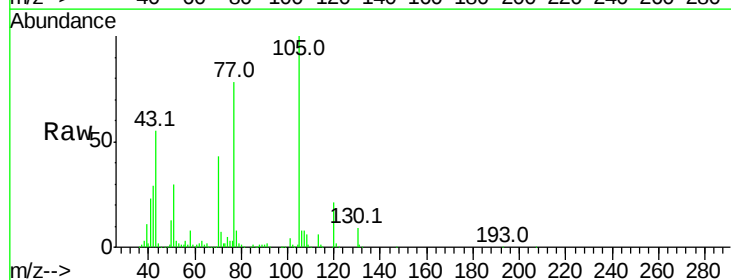
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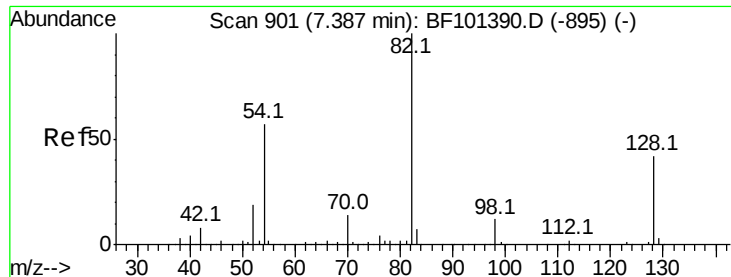
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#22
Acetophenone
Concen: 41.885 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.3	4.4	6.6#	
51	30.4	22.3	33.5	
120	21.3	16.9	25.3	





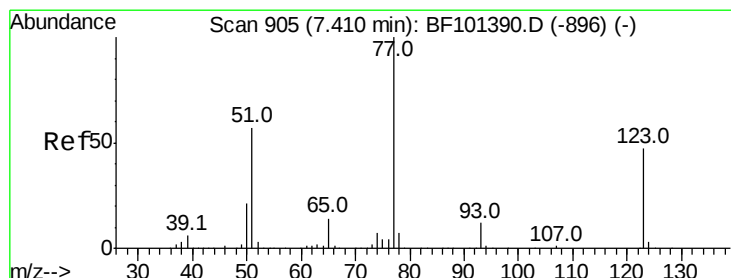
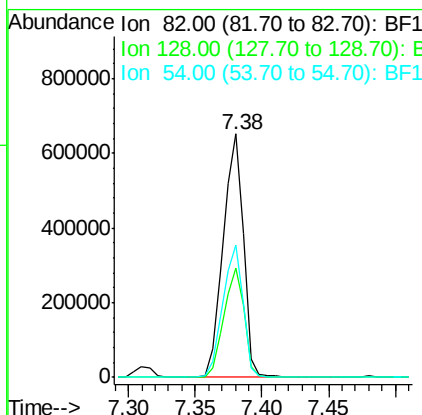
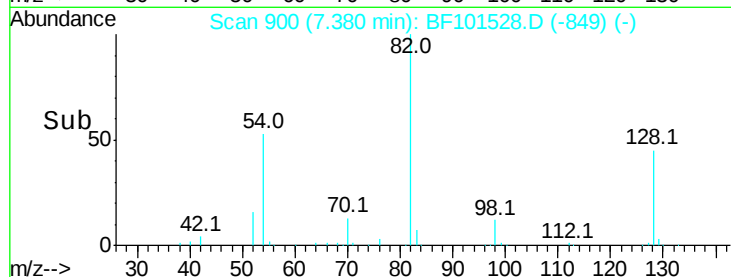
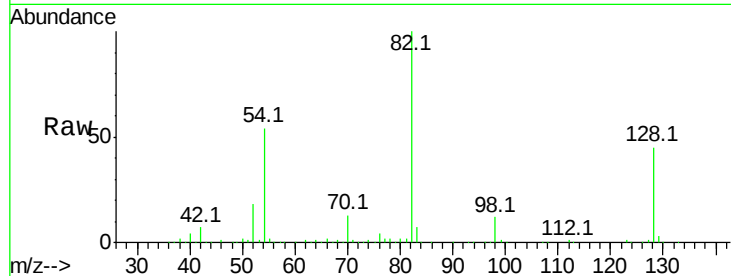
#23
Nitrobenzene-d5
Concen: 75.746 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	705155		
128	45.1	36.1	54.1	
54	54.4	41.4	62.2	

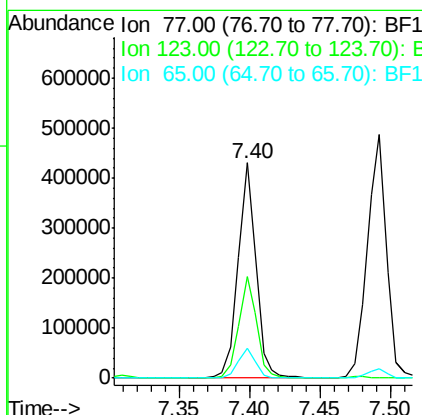
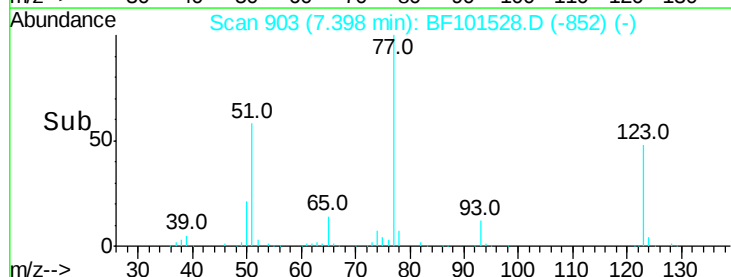
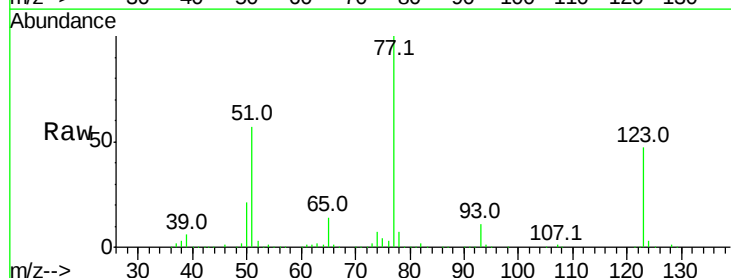
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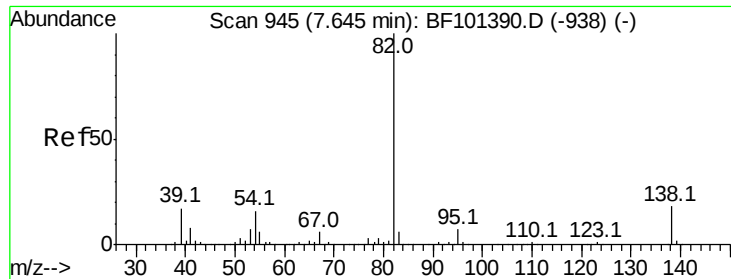
Sohil
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#24
Nitrobenzene
Concen: 36.969 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	380899		
123	47.5	37.9	56.9	
65	13.8	11.0	16.4	





#25

Isophorone

Concen: 36.861 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Instrument :

BNA_F

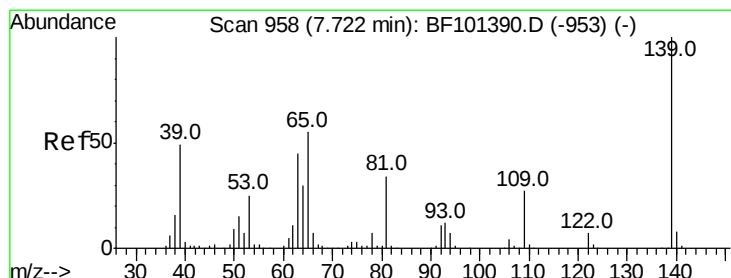
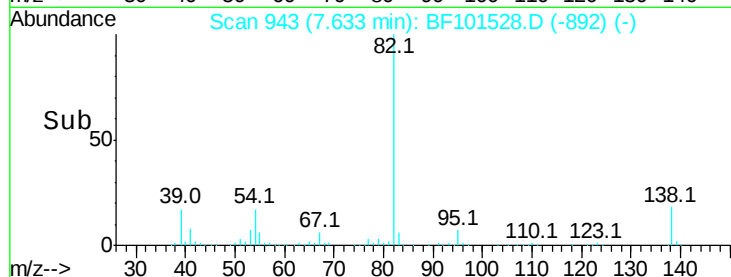
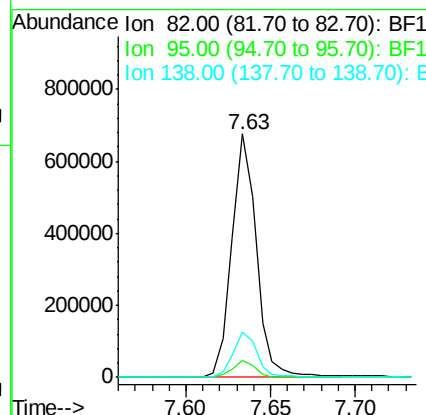
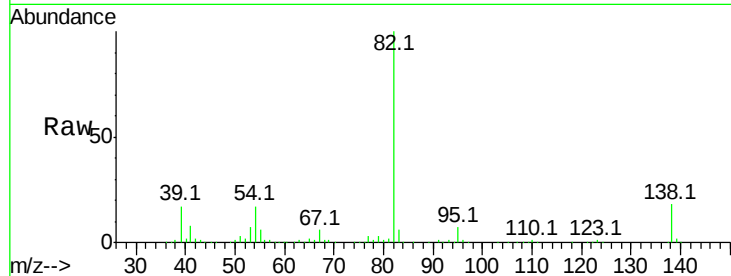
ClientSampleId :

VB16206-VB16211MS

Tot Ion:	82	Resp:	688396
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.2	7.8
138	18.5	14.9	22.3

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#26

2-Nitrophenol

Concen: 32.858 ng

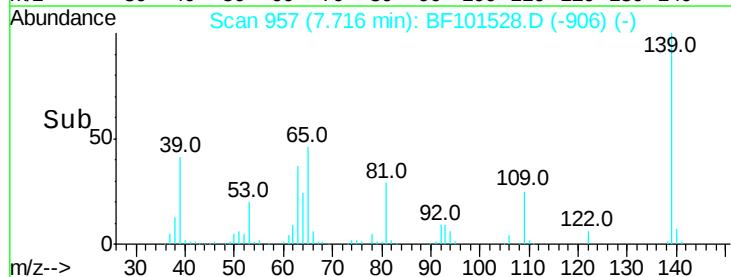
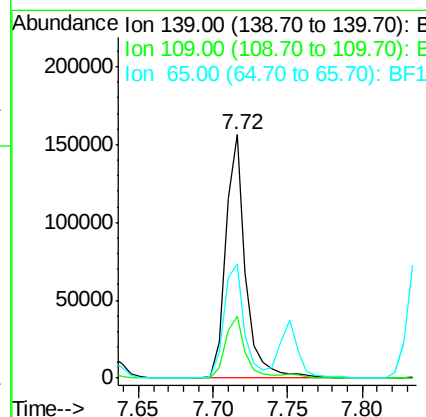
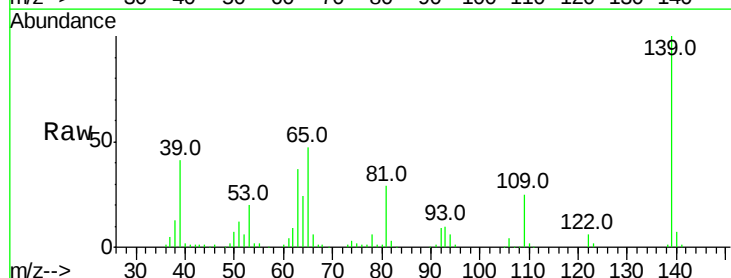
RT: 7.72 min Scan# 957

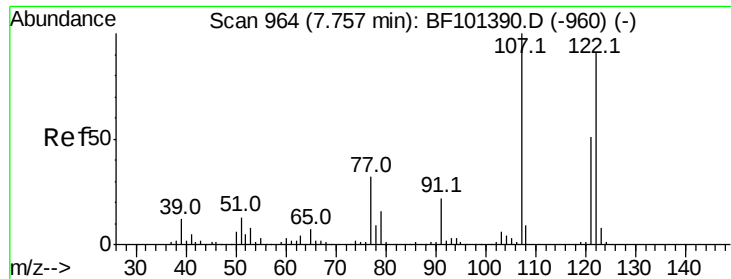
Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Tgt Ion:	139	Resp:	145446
Ion Ratio		Lower	Upper
139	100		
109	25.5	22.7	34.1
65	46.8	40.5	60.7





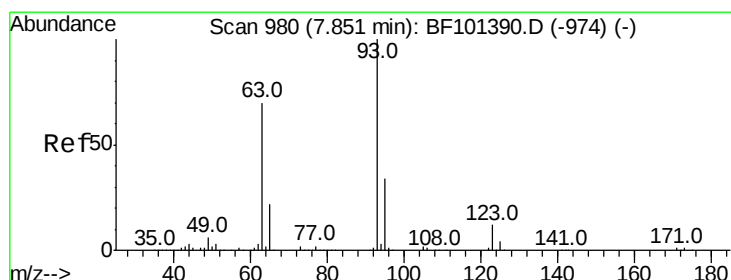
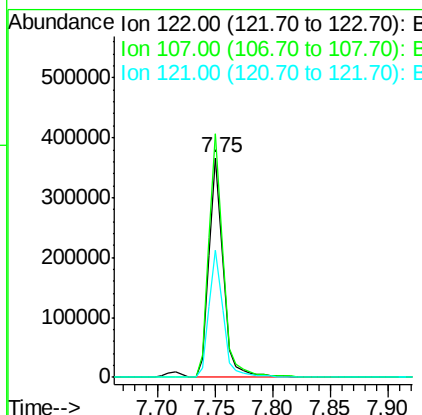
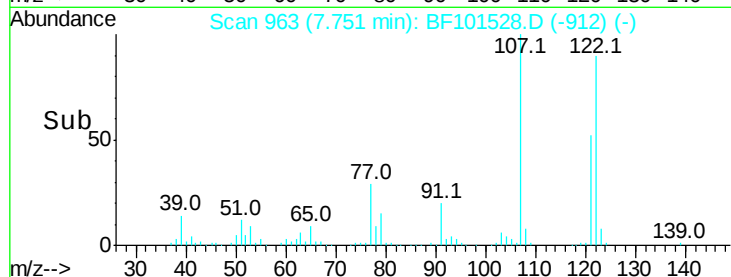
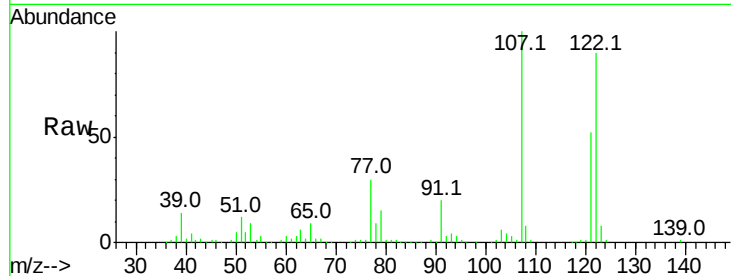
#27
2,4-Dimethylphenol
Concen: 41.871 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.0	91.2	136.8
121	58.2	47.2	70.8

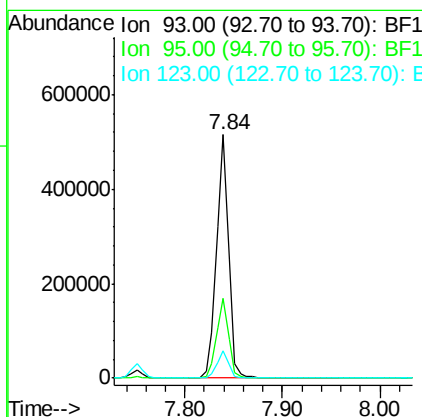
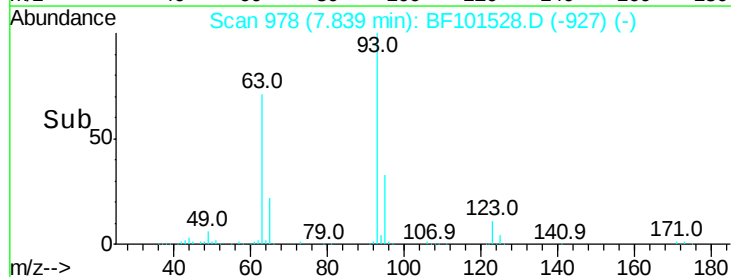
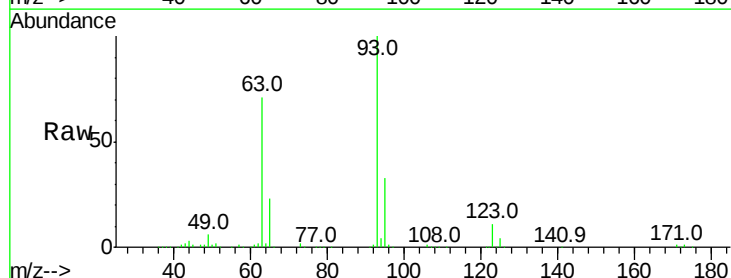
Manual Integrations
APPROVED

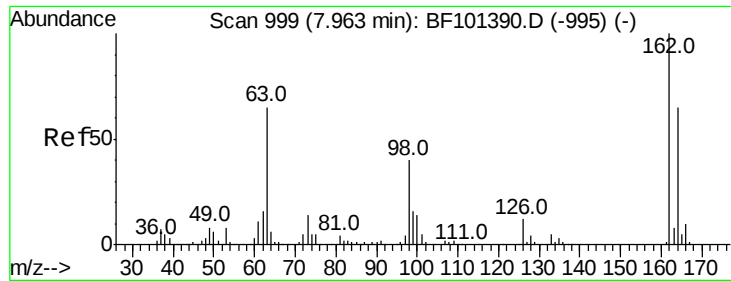
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 37.344 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.3	39.5
123	11.1	9.8	14.6





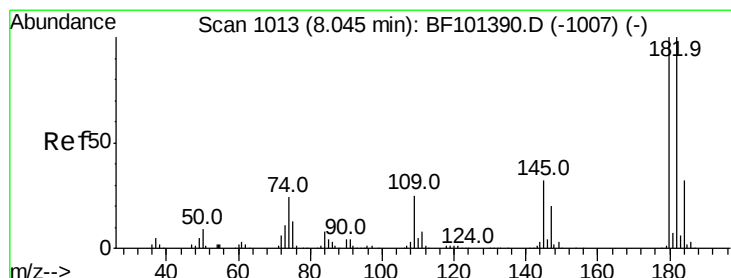
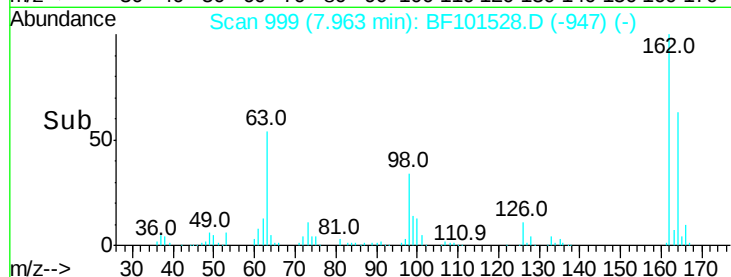
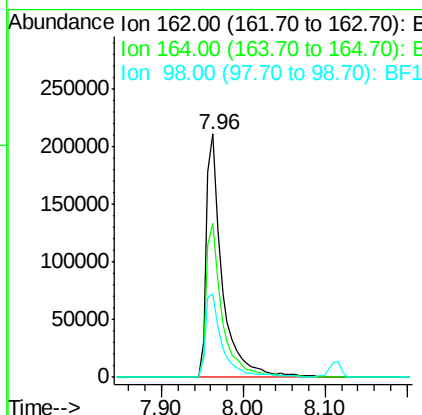
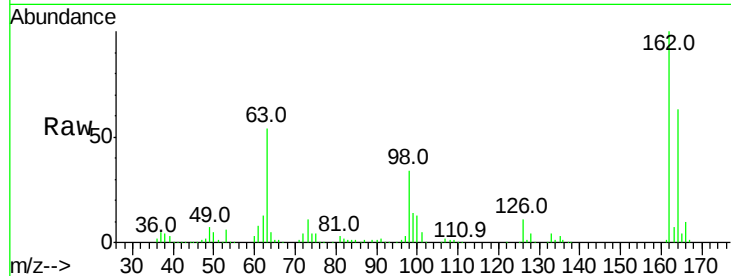
#29
 2,4-Dichlorophenol
 Concen: 38.478 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.01 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	285867		
164	63.4	42.7	82.7	
98	34.4	18.1	58.1	

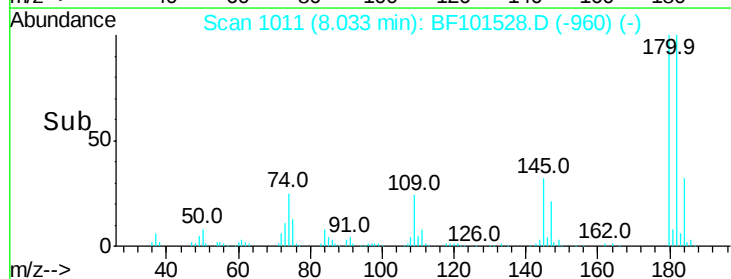
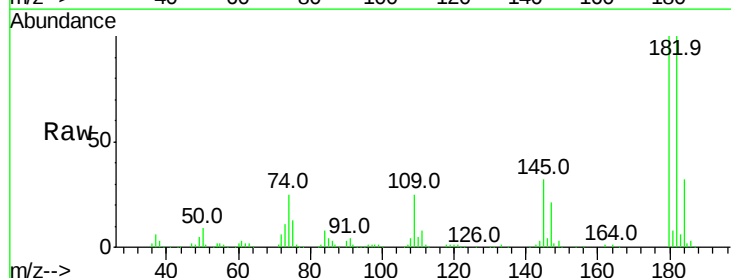
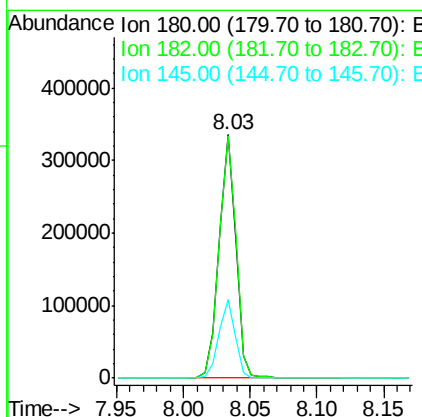
Manual Integrations
 APPROVED

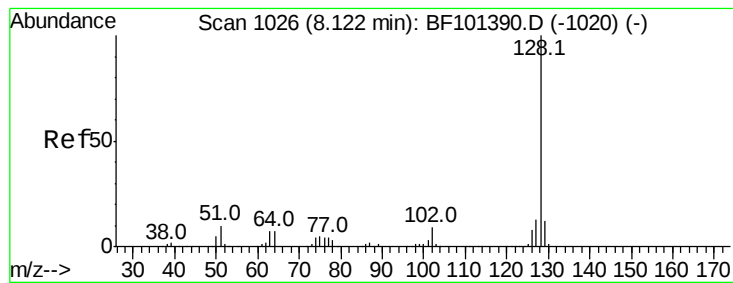
Sohil
 12/20/2017 3:47:54 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.291 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	300213		
182	99.8	76.8	115.2	
145	32.2	26.5	39.7	





#31

Naphthalene

Concen: 39.058 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MS

Tot Ion:128 Resp: 1018982

Ion Ratio Lower Upper

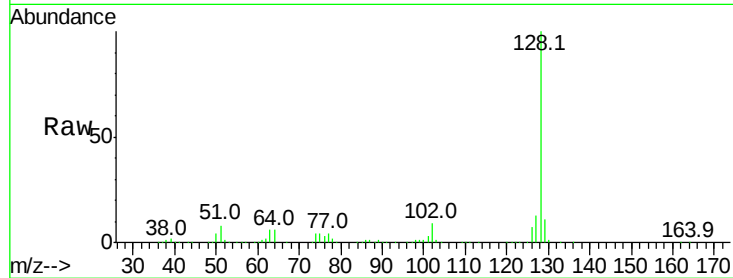
128 100

129 11.1 8.8 13.2

127 13.4 10.9 16.3

Manual Integrations
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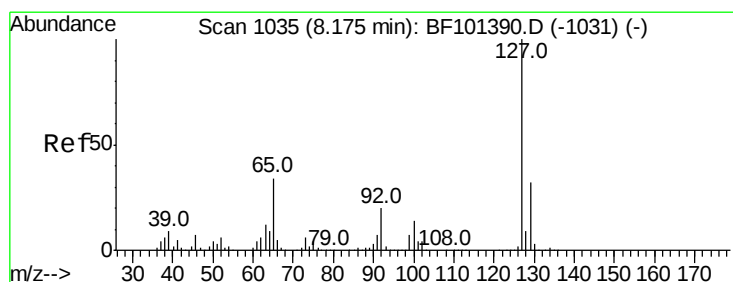
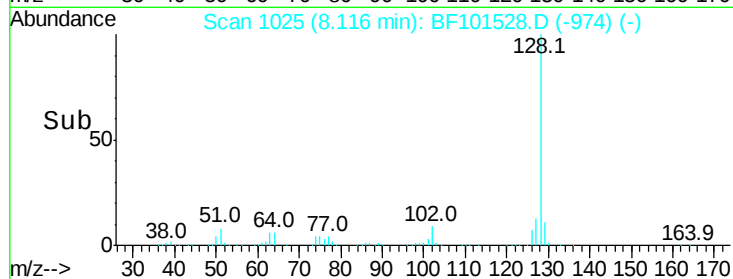
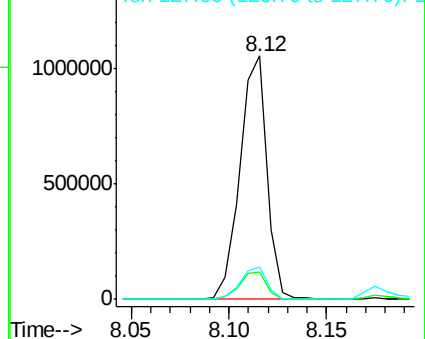
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 6.152 ng

RT: 8.17 min Scan# 1035

Delta R.T. 0.01 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Tgt Ion:127 Resp: 69762

Ion Ratio Lower Upper

127 100

129 30.6 25.9 38.9

65 31.8 25.0 37.4

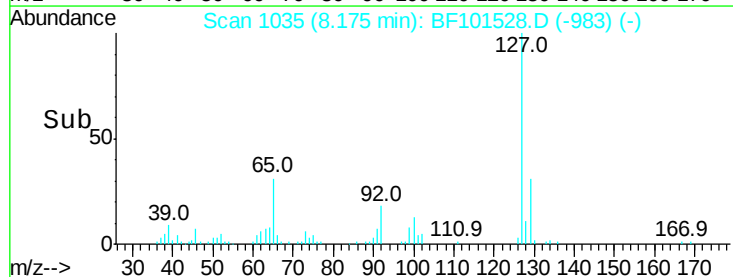
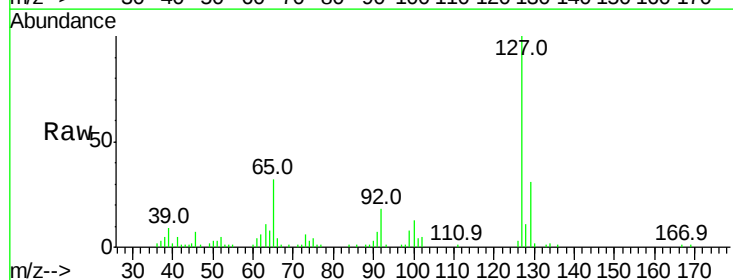
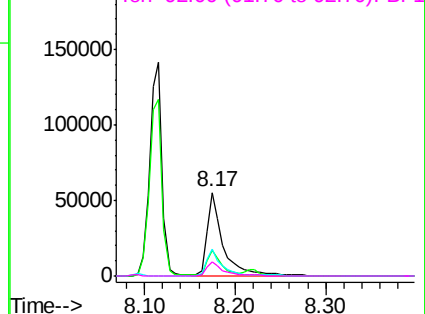
92 17.5 15.2 22.8

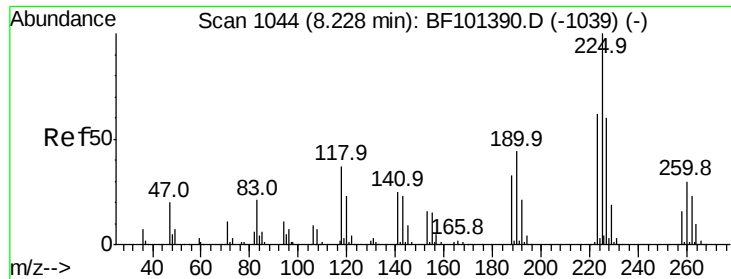
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





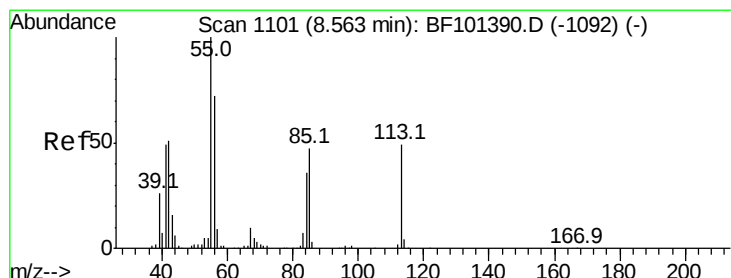
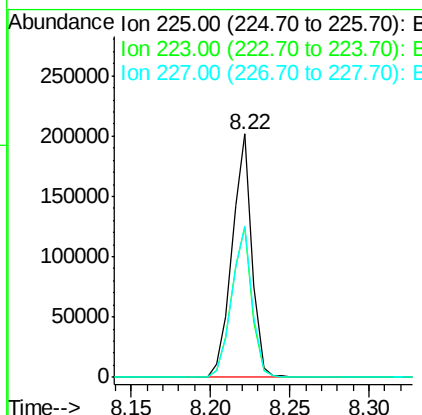
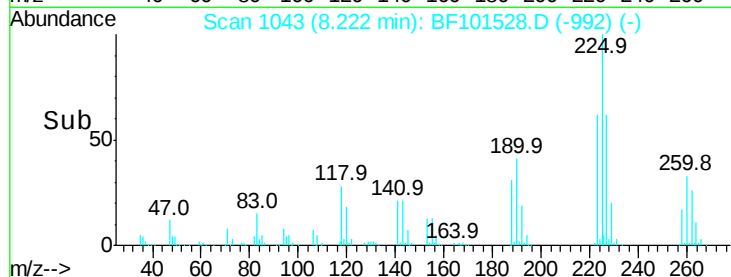
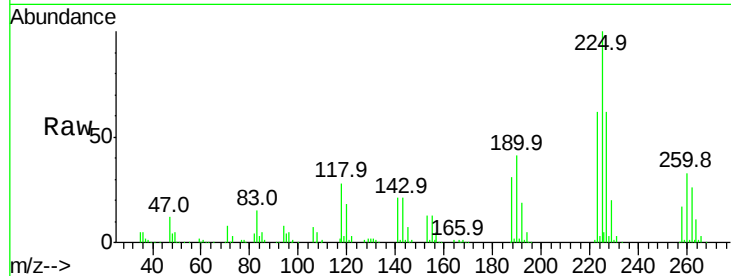
#34
Hexachlorobutadiene
Concen: 38.489 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MS

Tot Ion:	225	Resp:	174531
Ion Ratio	Lower	Upper	
225	100		
223	61.8	50.6	76.0
227	62.5	51.9	77.9

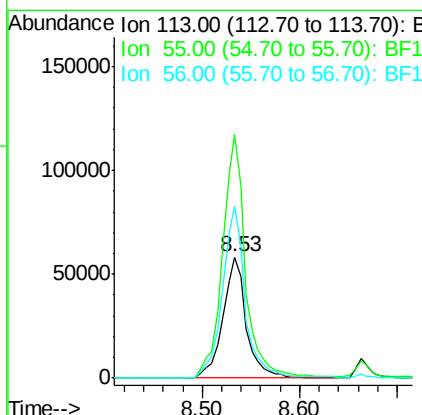
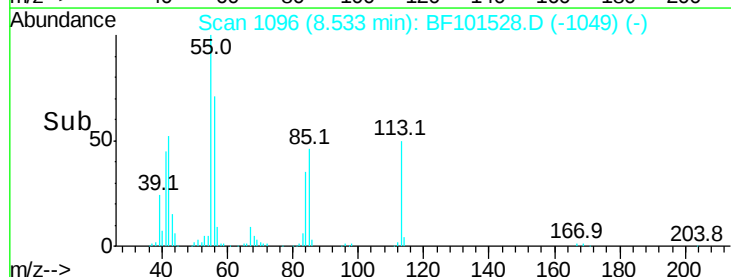
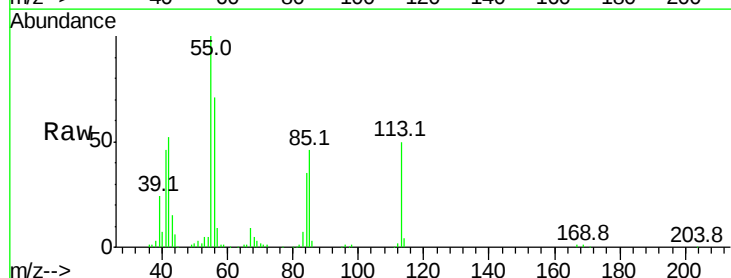
Manual Integrations
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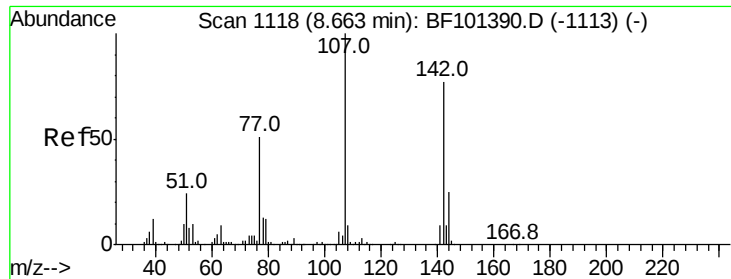
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#35
Caprolactam
Concen: 37.605 ng
RT: 8.53 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Tgt Ion:	113	Resp:	97010
Ion Ratio	Lower	Upper	
113	100		
55	200.7	163.3	203.3
56	141.6	115.7	155.7





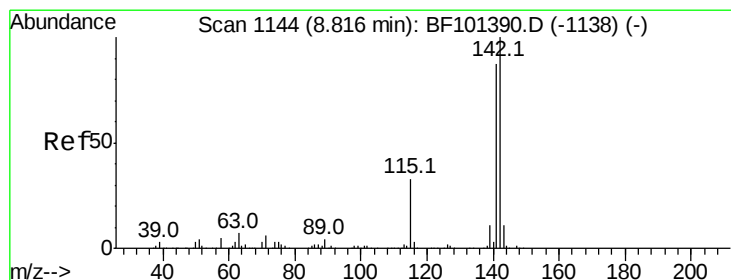
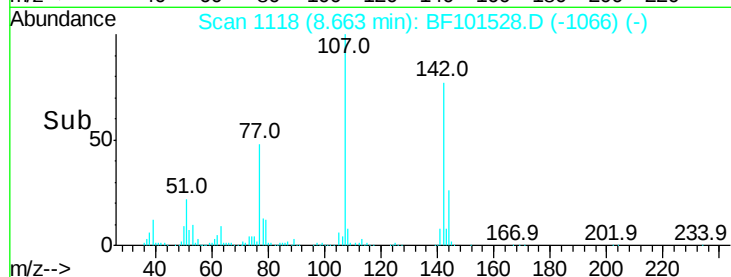
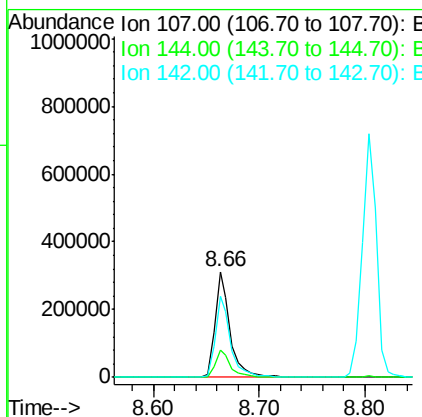
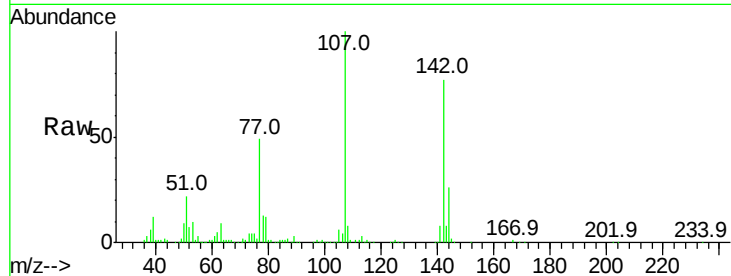
#36
4-Chloro-3-methylphenol
Concen: 38.766 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	316553		
144	25.5	20.5	30.7	
142	77.3	62.0	93.0	

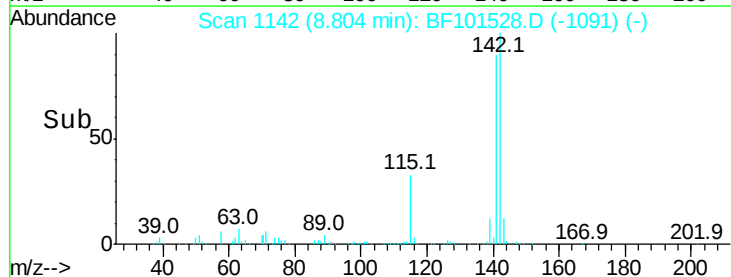
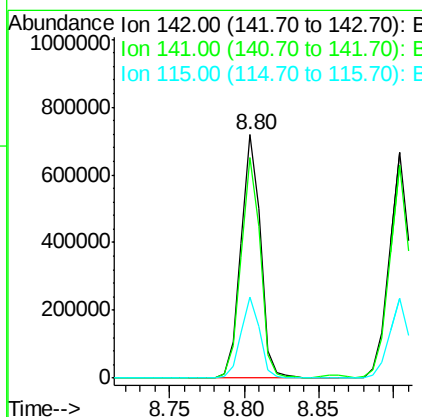
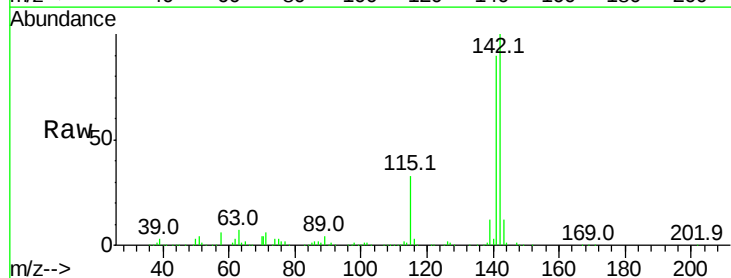
Manual Integrations
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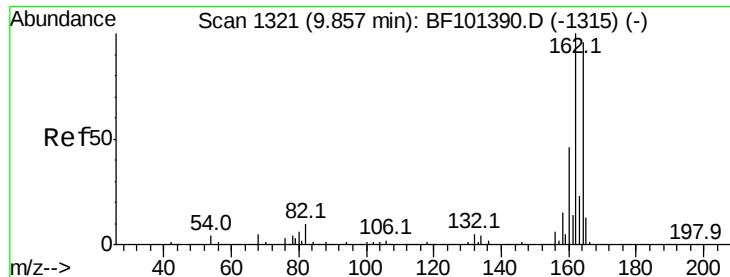
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#37
2-Methylnaphthalene
Concen: 38.473 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	653945		
141	90.4	70.8	106.2	
115	33.2	26.1	39.1	





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Instrument :

BNA_F

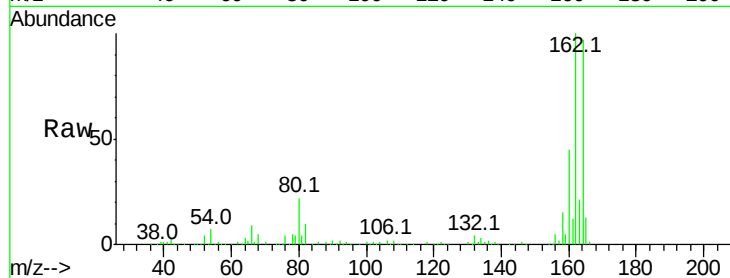
ClientSampleId :

VB16206-VB16211MS

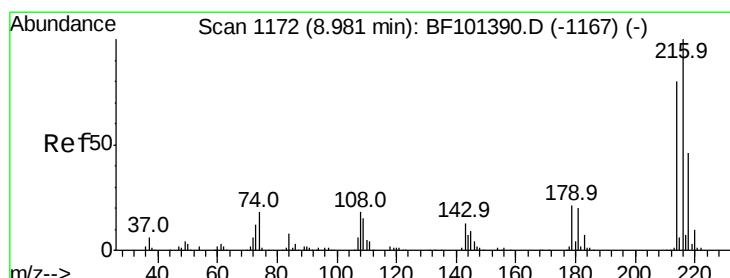
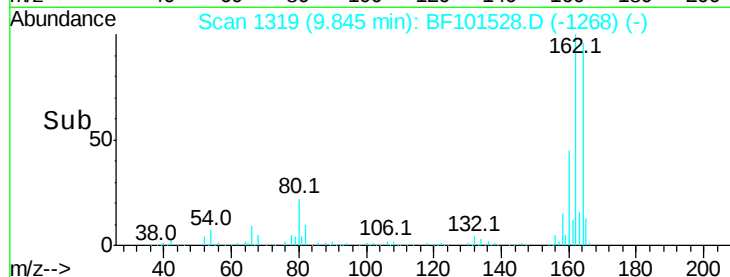
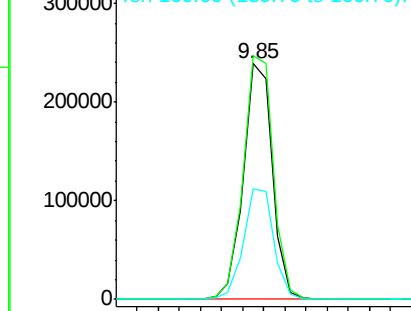
Tot Ion:	164	Resp:	227216
Ion Ratio	Lower	Upper	
164	100		
162	103.4	86.1	129.1
160	46.7	38.3	57.5

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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



#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.355 ng

RT: 8.97 min Scan# 1171

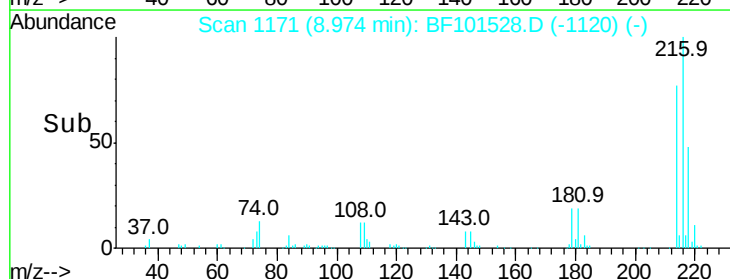
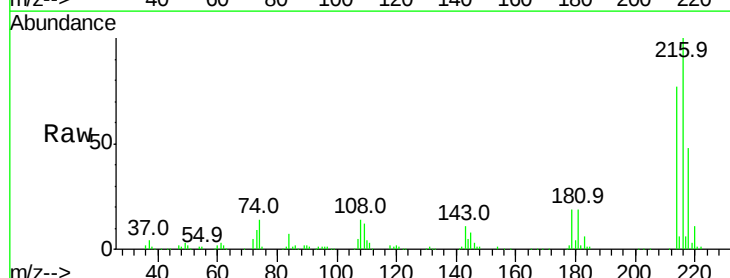
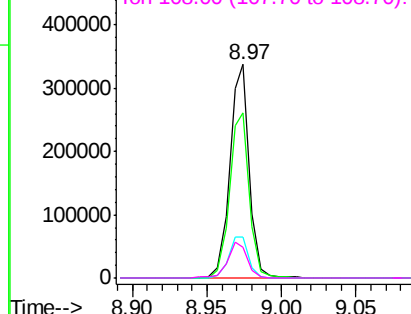
Delta R.T. -0.00 min

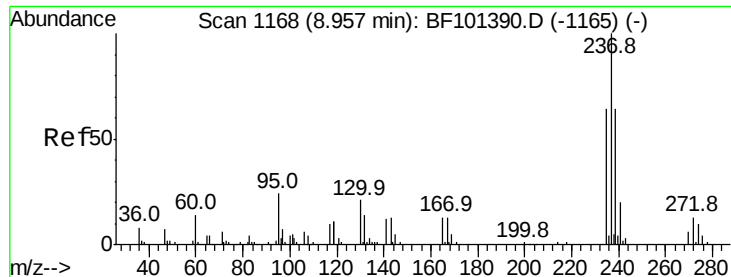
Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Tgt Ion:	216	Resp:	309576
Ion Ratio	Lower	Upper	
216	100		
214	79.1	63.0	94.4
179	20.4	18.1	27.1
108	17.1	17.2	25.8#

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





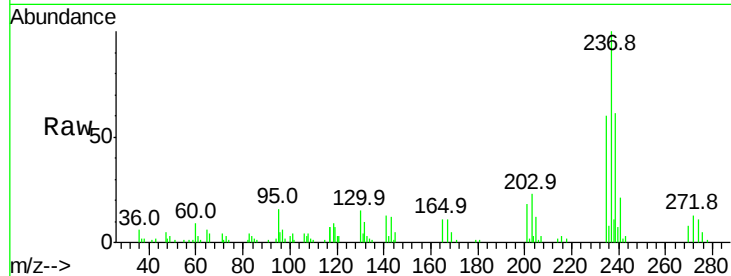
#40
Hexachlorocyclopentadiene
Concen: 31.501 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MS

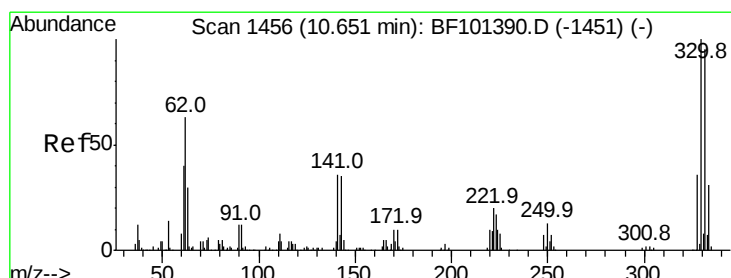
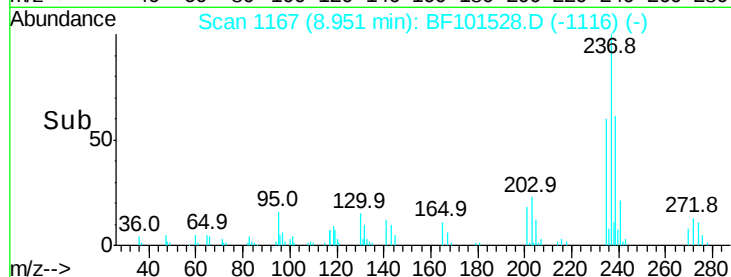
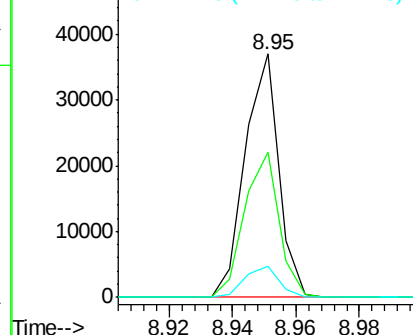
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	59.8	44.8	84.8
272	12.9	0.0	33.3

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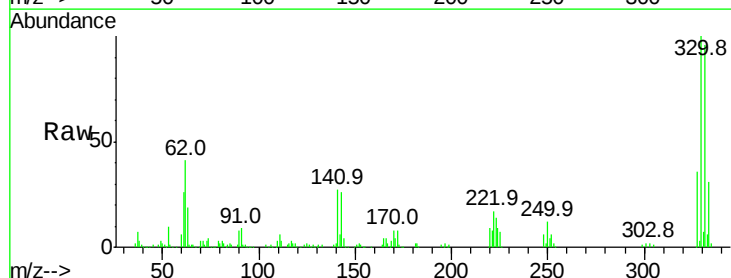


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

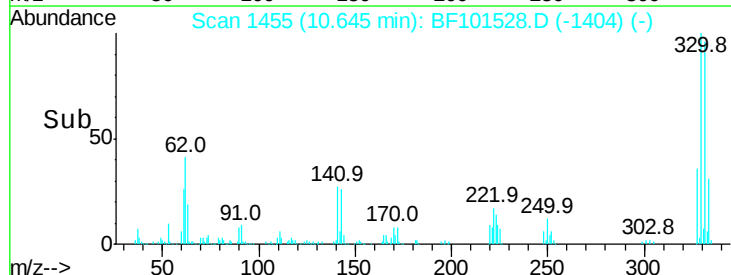
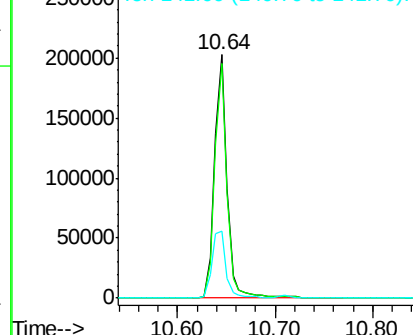


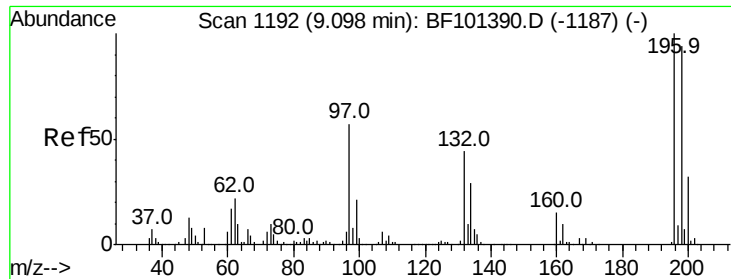
#41
2,4,6-Tribromophenol
Concen: 83.652 ng
RT: 10.64 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.3	77.0	115.6
141	30.7	29.9	44.9



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





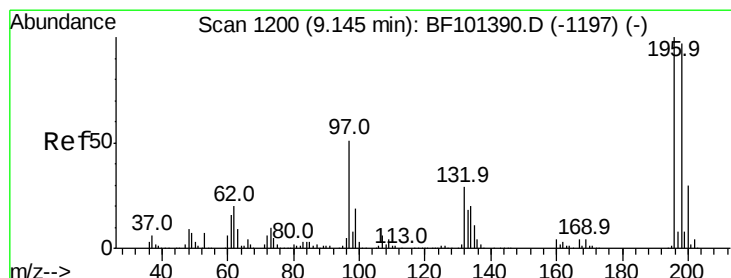
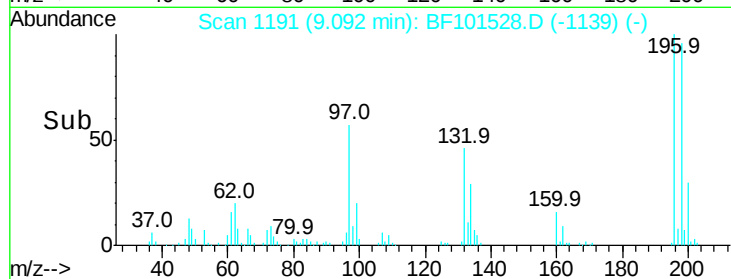
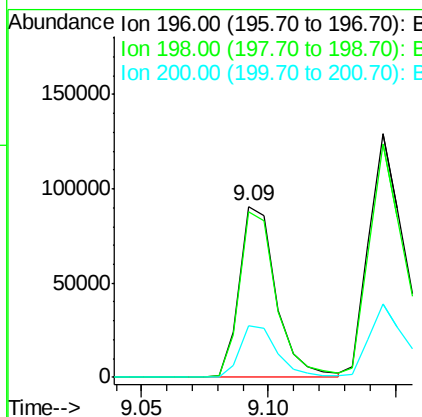
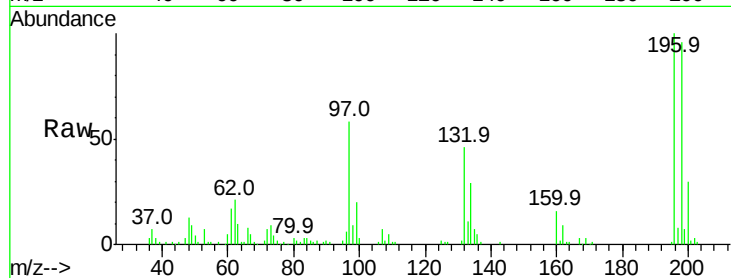
#42
2,4,6-Trichlorophenol
Concen: 19.938 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.01 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	92081		
198	96.4	75.7	113.5	
200	29.9	24.5	36.7	

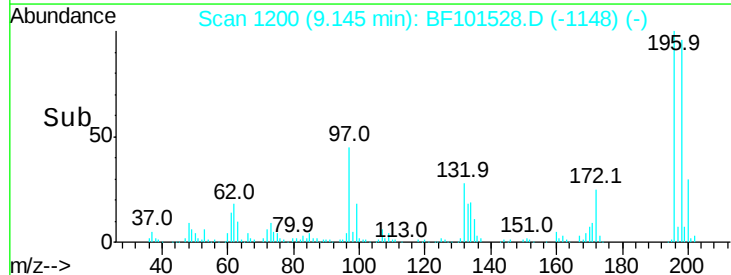
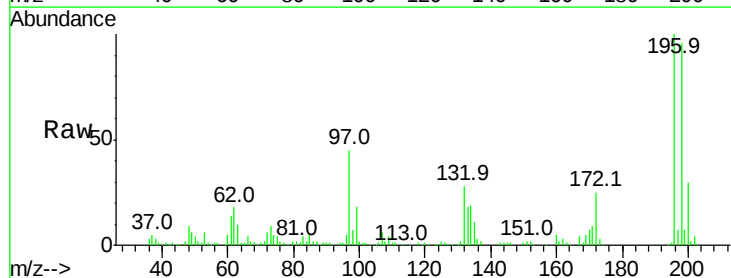
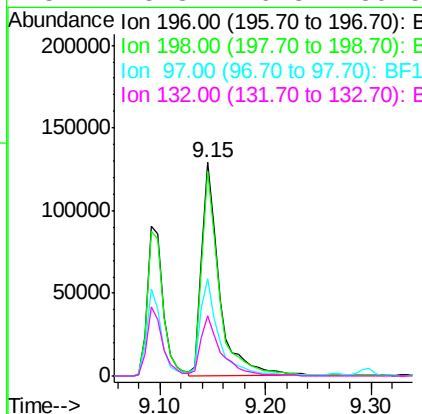
Manual Integrations
APPROVED

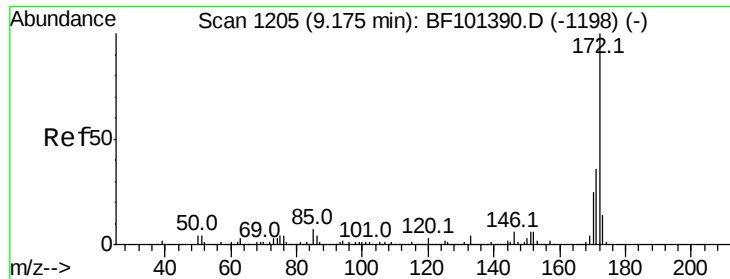
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#43
2,4,5-Trichlorophenol
Concen: 29.430 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.01 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	148825		
198	95.7	74.6	112.0	
97	45.3	42.9	64.3	
132	28.3	26.3	39.5	





#44

2-Fluorobiphenyl

Concen: 73.099 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MS

Tot Ion:172 Resp: 1070707

Ion Ratio Lower Upper

172 100

171 36.5 29.7 44.5

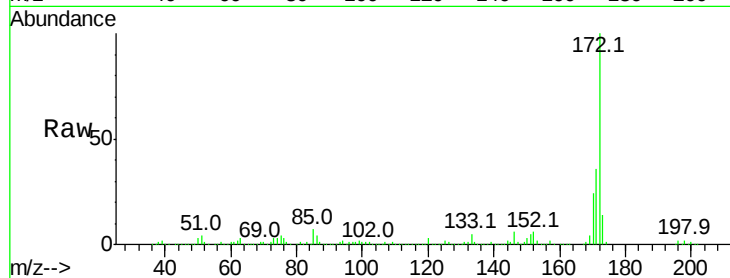
170 24.4 19.6 29.4

Manual Integrations

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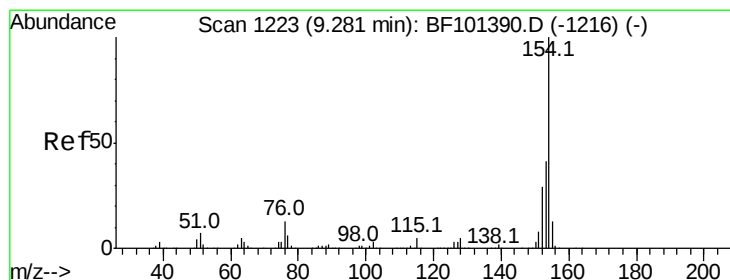
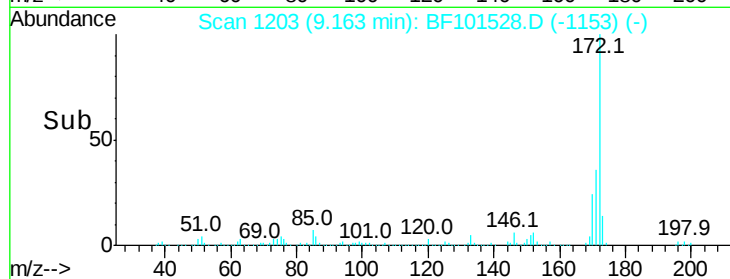
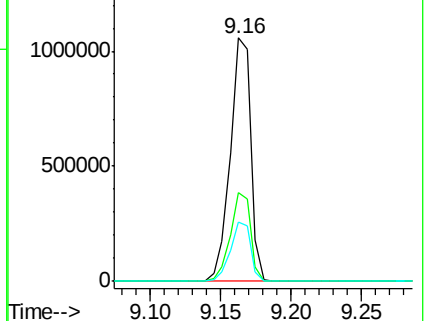
12/20/2017 3:47:54 PM



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



#45

1,1'-Biphenyl

Concen: 38.463 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

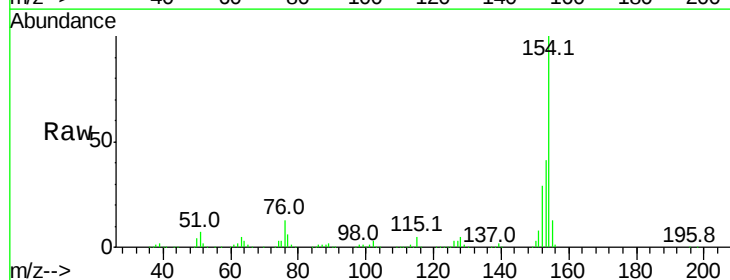
Tgt Ion:154 Resp: 775058

Ion Ratio Lower Upper

154 100

153 41.5 21.3 61.3

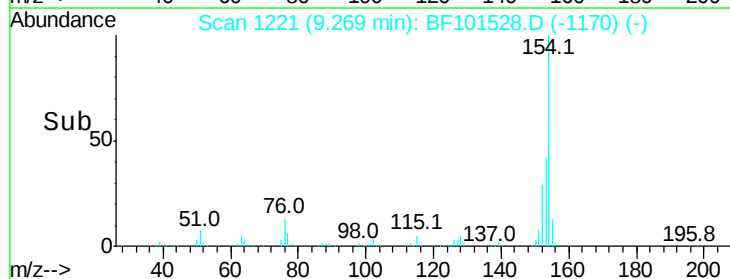
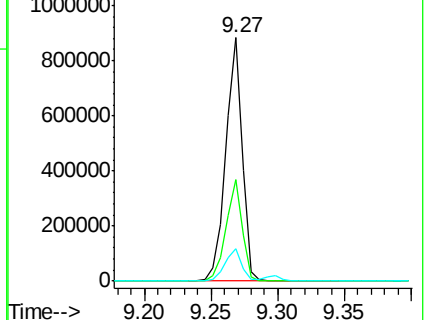
76 13.4 0.0 34.0

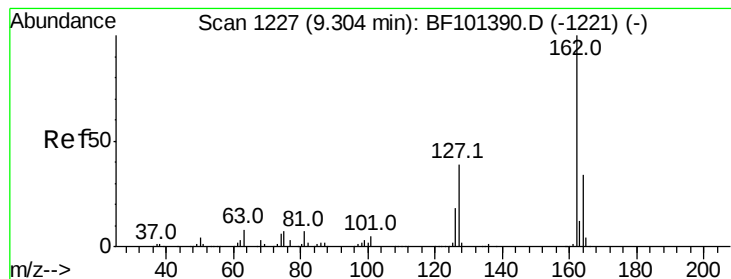


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





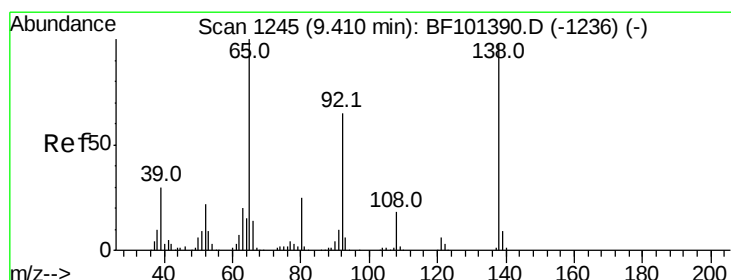
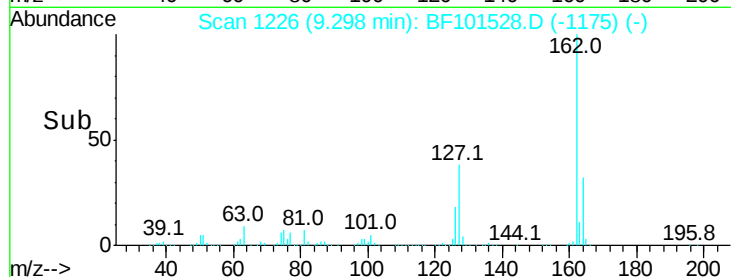
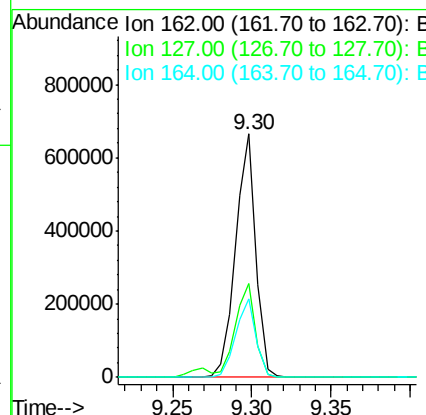
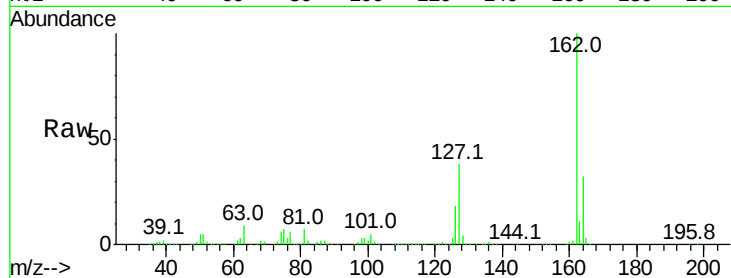
#46
2-Chloronaphthalene
Concen: 38.016 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.00 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.5	33.9	50.9	
164	32.2	26.5	39.7	

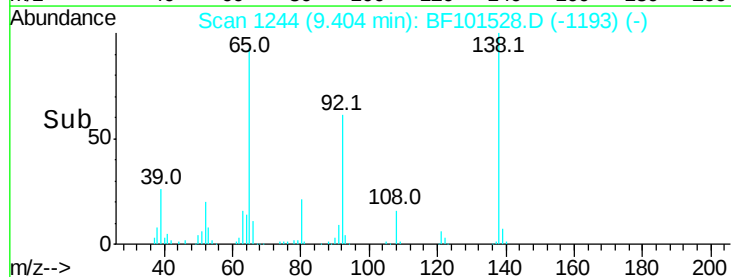
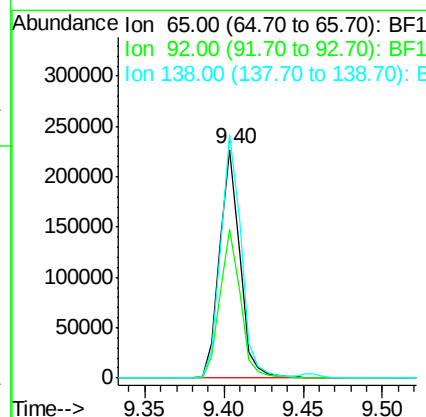
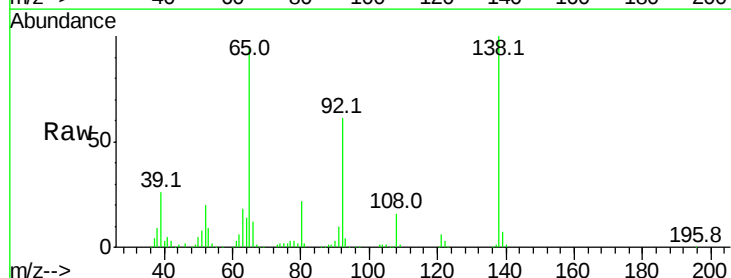
Manual Integrations
APPROVED

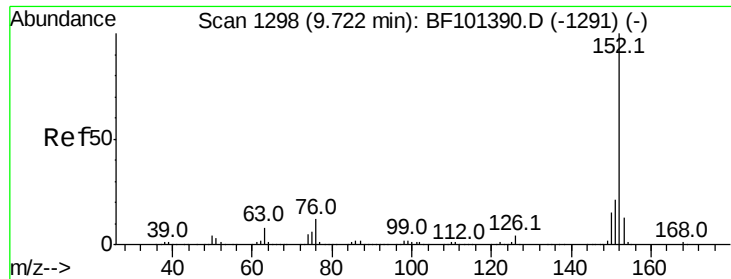
Sohil
12/20/2017 3:47:54 PM



#47
2-Nitroaniline
Concen: 38.080 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	65.1	55.8	83.6	
138	106.7	91.2	136.8	





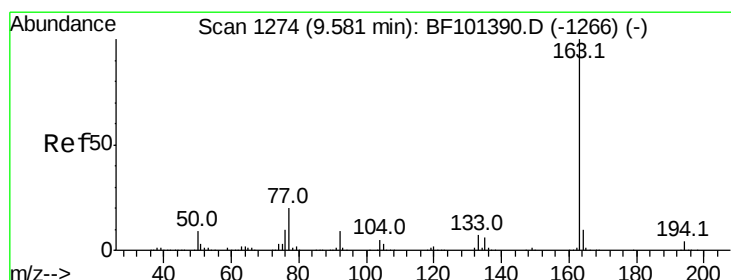
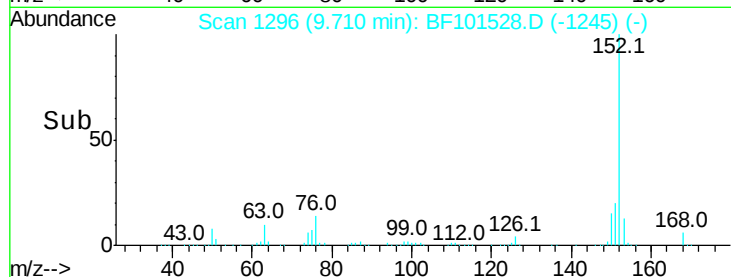
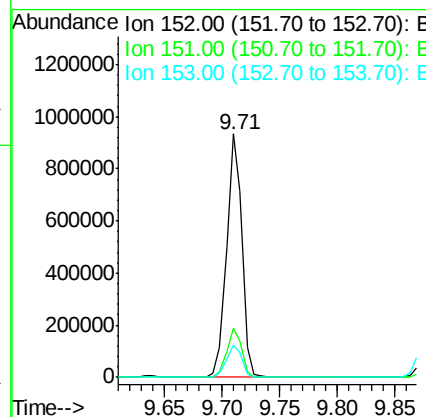
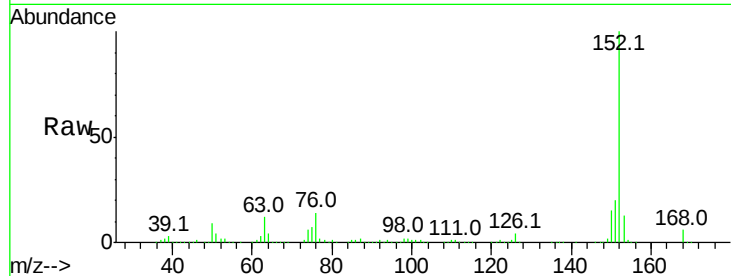
#48
Acenaphthylene
Concen: 35.152 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.4	10.7	16.1

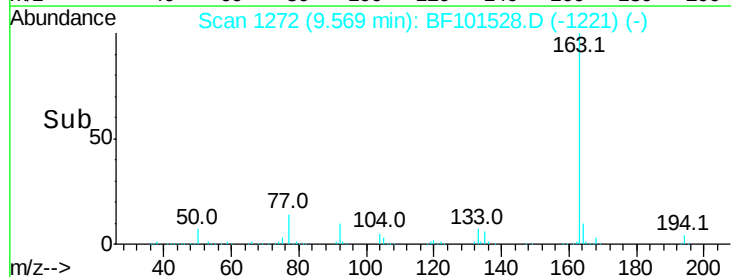
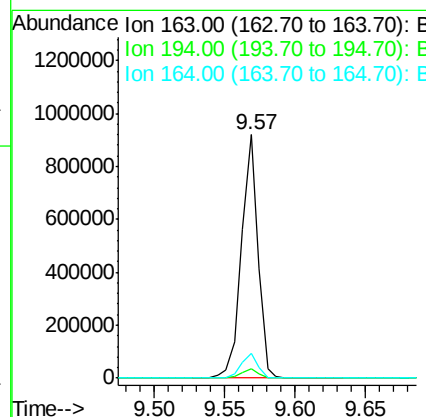
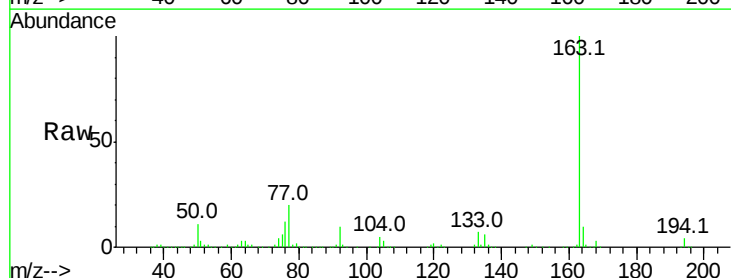
Manual Integrations
APPROVED

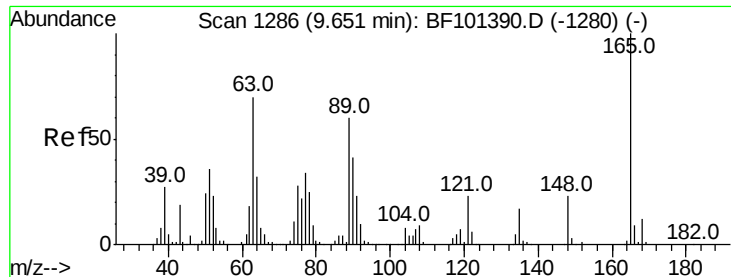
Sohil
12/20/2017 3:47:54 PM



#49
Dimethylphthalate
Concen: 41.134 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.3	8.2	12.2





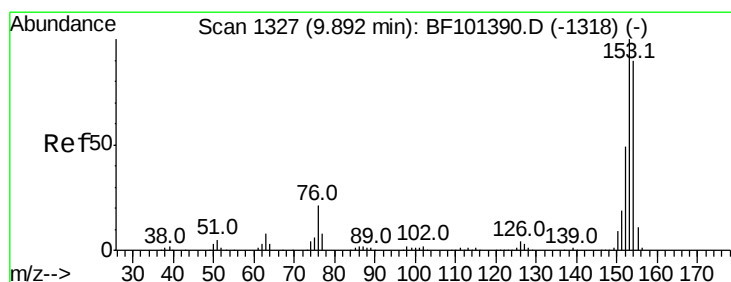
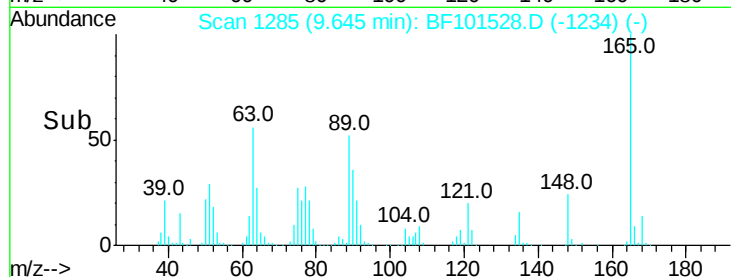
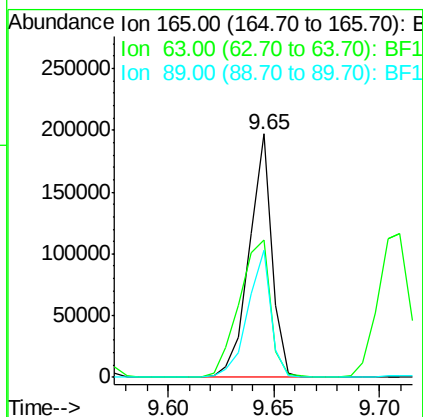
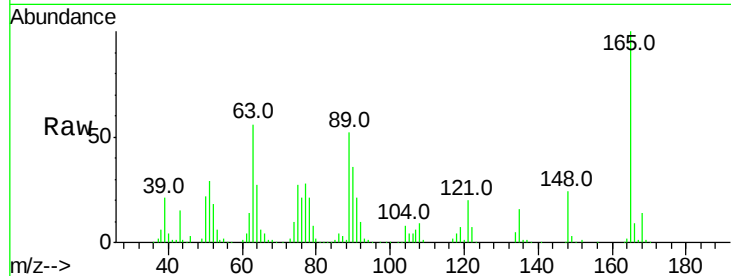
#50
 2,6-Dinitrotoluene
 Concen: 39.771 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.4	44.7	67.1
89	52.2	44.0	66.0

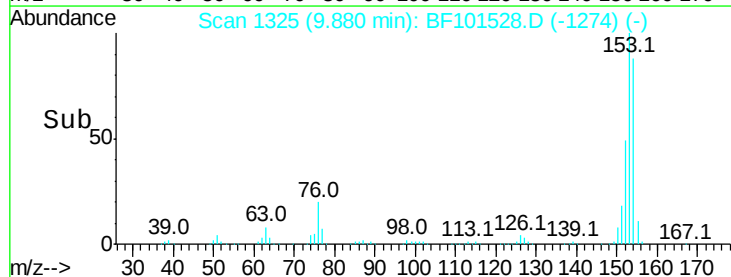
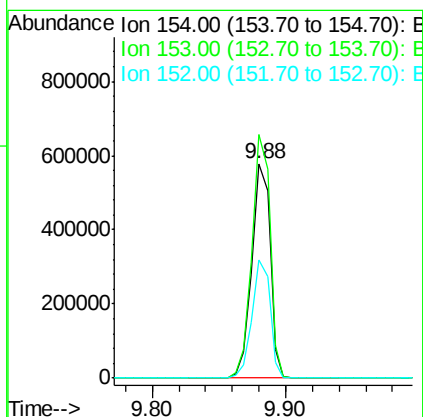
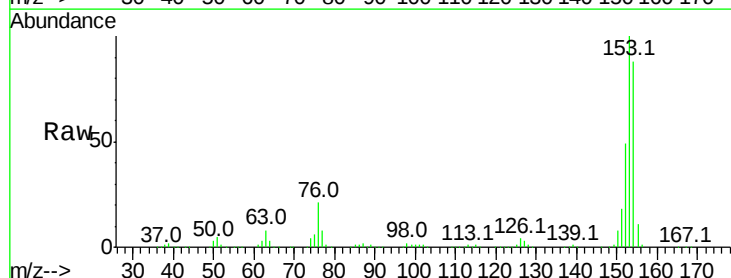
Manual Integrations
 APPROVED

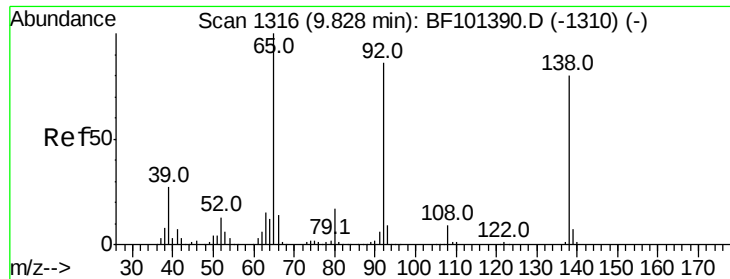
Sohil
 12/20/2017 3:47:54 PM



#51
 Acenaphthene
 Concen: 36.945 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.2	136.8
152	55.2	43.8	65.8





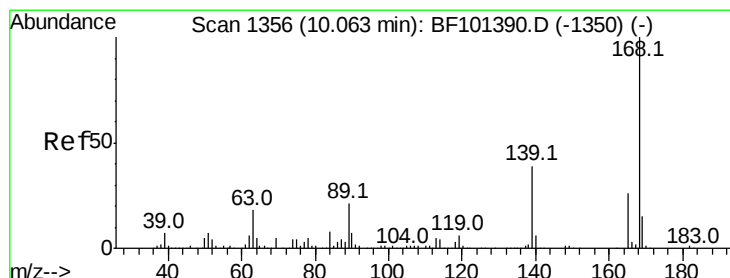
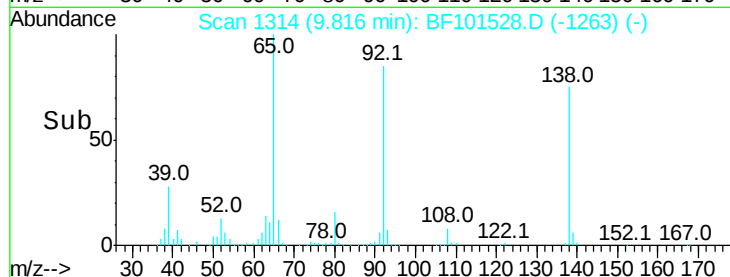
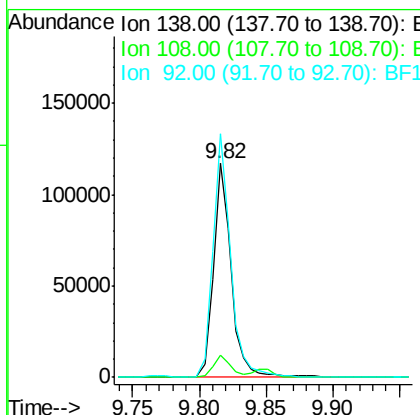
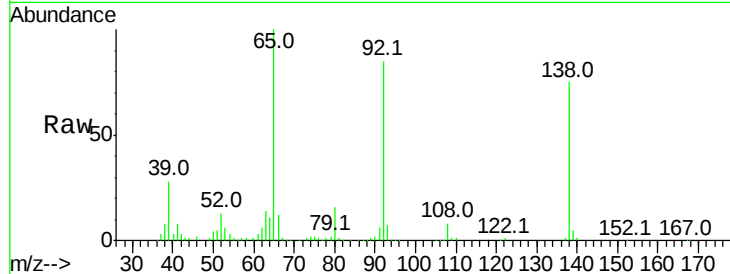
#52
3-Nitroaniline
Concen: 23.602 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.4	14.0
92	113.9	89.4	134.2

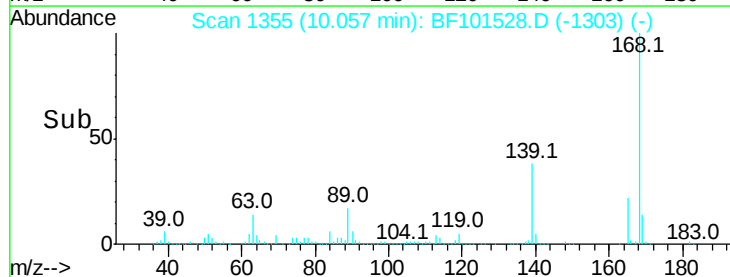
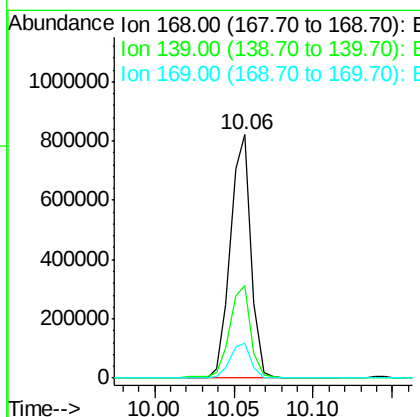
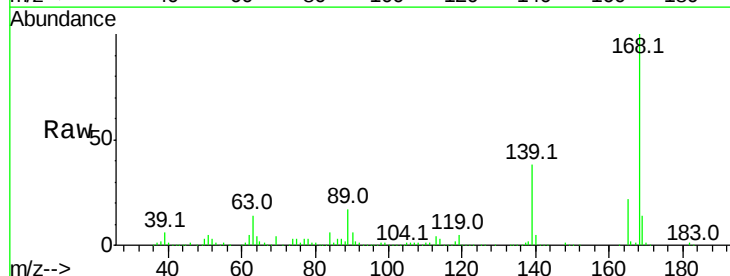
Manual Integrations
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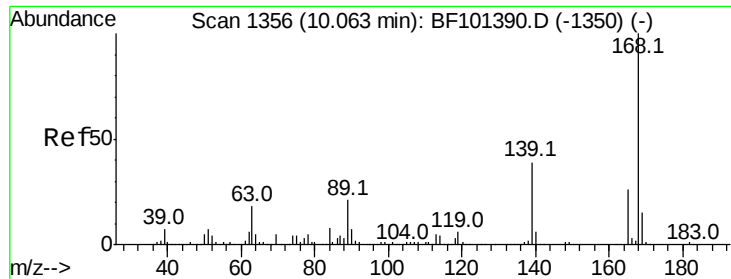
Sohil
12/20/2017 3:47:54 PM



#54
Dibenzofuran
Concen: 39.812 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.1	45.1
169	14.3	10.9	16.3





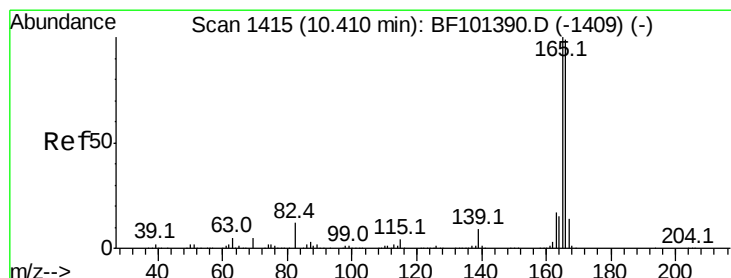
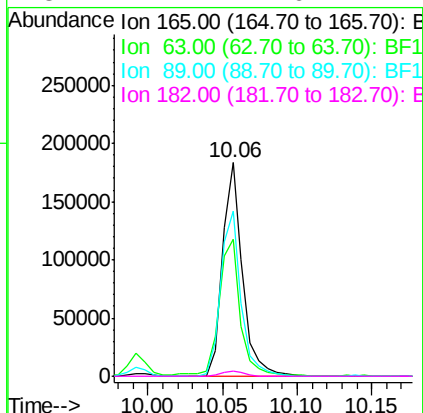
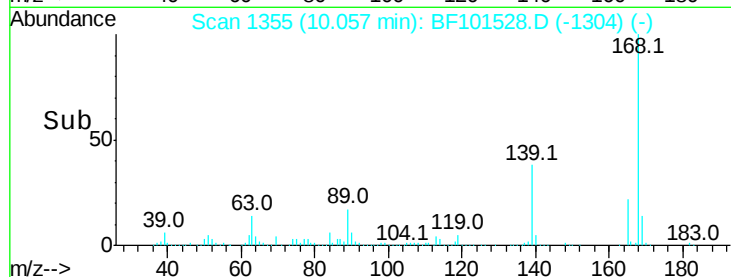
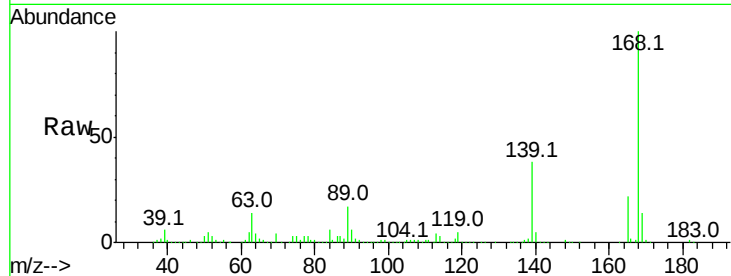
#56
 2,4-Dinitrotoluene
 Concen: 41.344 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.00 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	173027		
63	64.0	36.4	54.6#	
89	77.4	57.8	86.6	
182	2.4	1.6	2.4#	

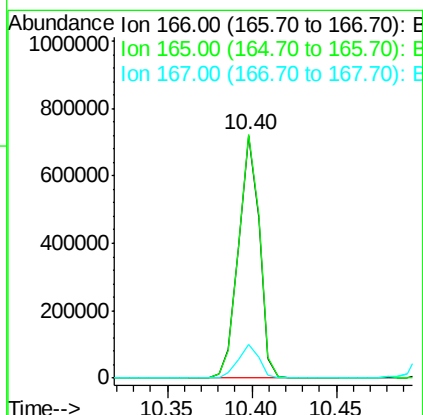
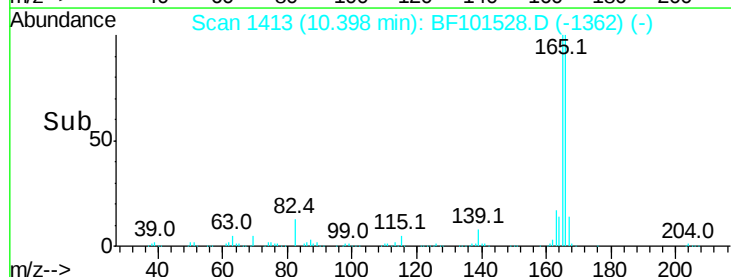
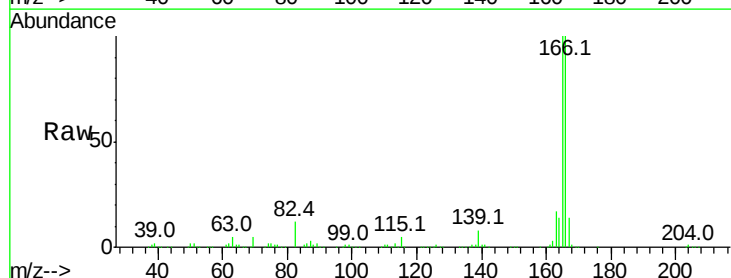
Manual Integrations
 APPROVED

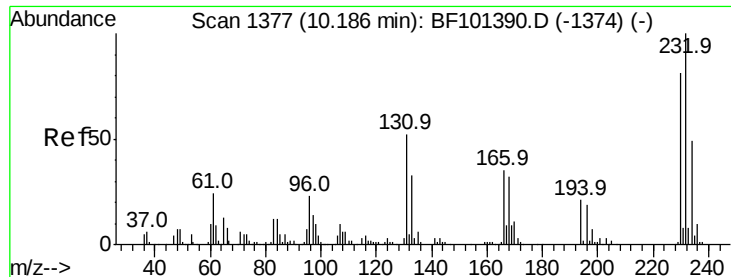
Sohil
 12/20/2017 3:47:54 PM



#57
 Fluorene
 Concen: 39.353 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	618998		
165	100.3	79.8	119.8	
167	13.6	10.6	16.0	





#58

2,3,4,6-Tetrachlorophenol

Concen: 12.685 ng

RT: 10.19 min Scan# 1377

Delta R.T. 0.01 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MS

Tot Ion:232 Resp: 46088

Ion Ratio Lower Upper

232 100

131 46.4 43.8 65.8

130 1.7 2.1 3.1#

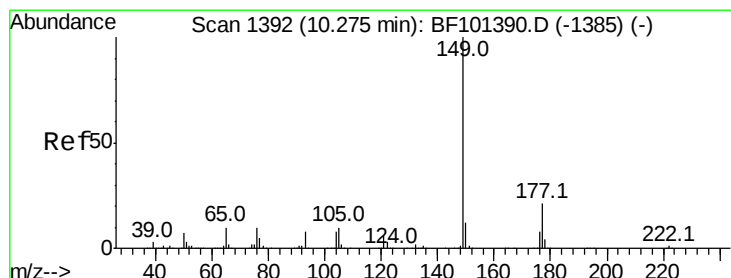
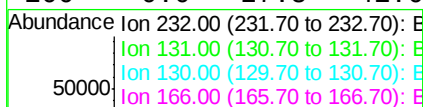
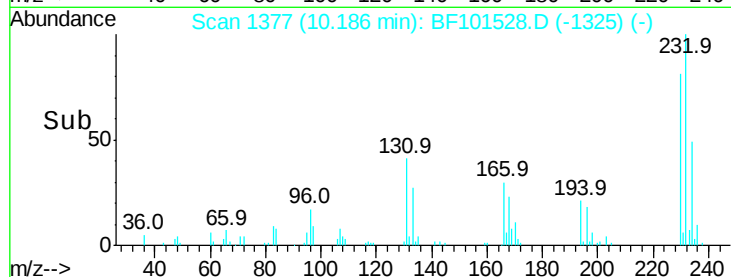
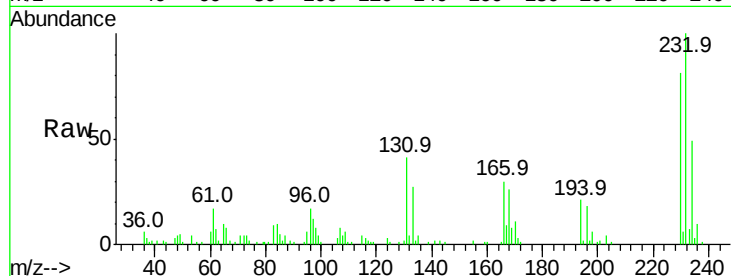
166 0.0 27.8 41.6#

Manual Integrations

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Sohil

12/20/2017 3:47:54 PM



#59

Diethylphthalate

Concen: 35.790 ng

RT: 10.26 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

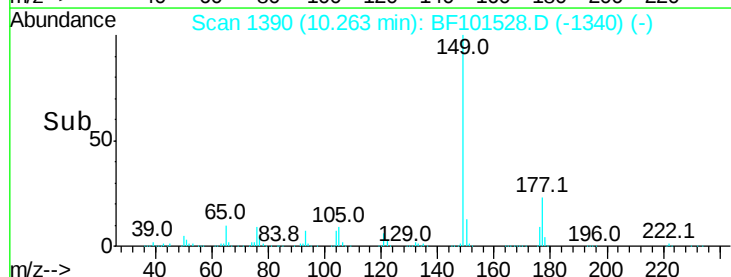
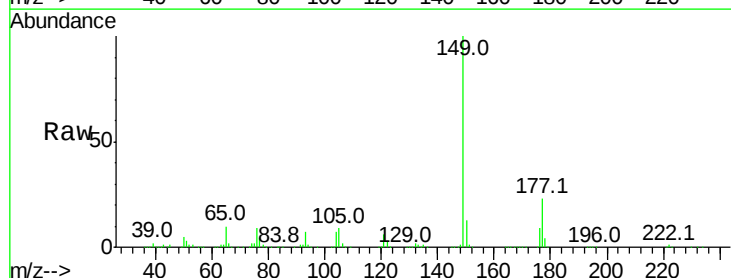
Tgt Ion:149 Resp: 647754

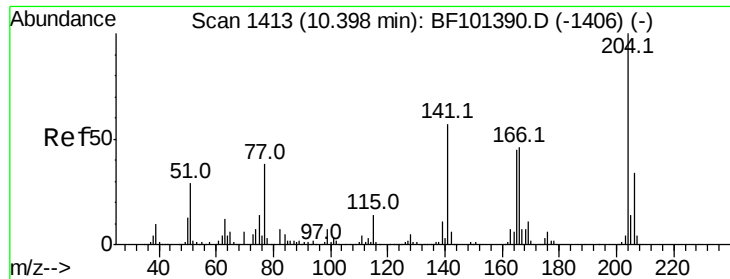
Ion Ratio Lower Upper

149 100

177 22.5 16.1 24.1

150 12.5 10.1 15.1





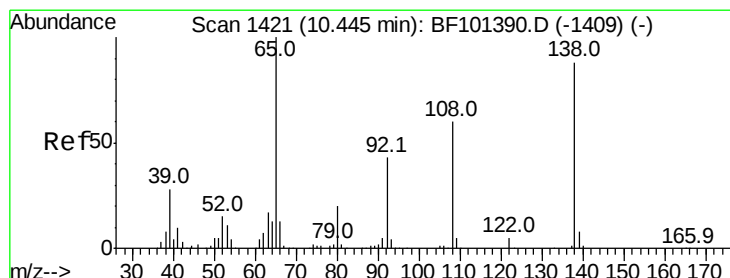
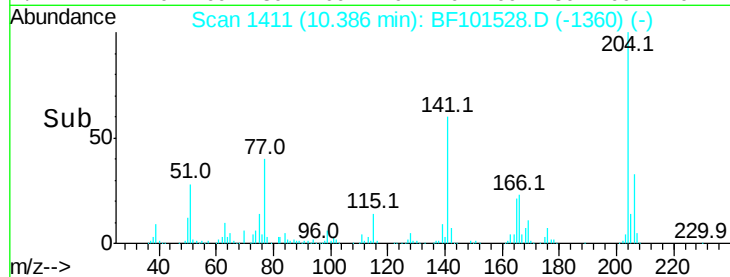
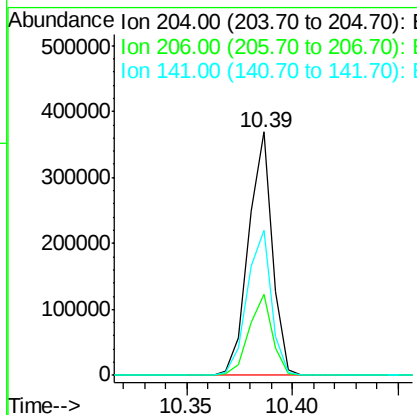
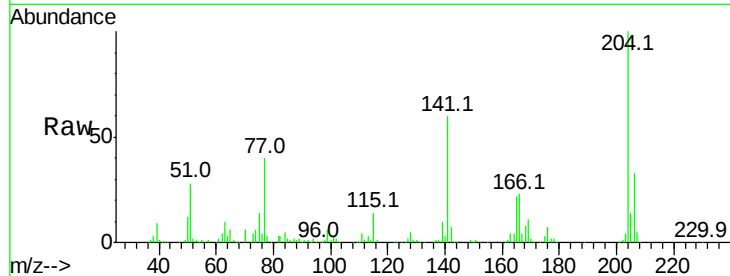
#60
 4-Chlorophenyl-phenylether
 Concen: 38.265 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MS

Tot Ion:	204	Resp:	288461
Ion Ratio	Lower	Upper	
204	100		
206	33.3	26.5	39.7
141	59.8	54.6	81.8

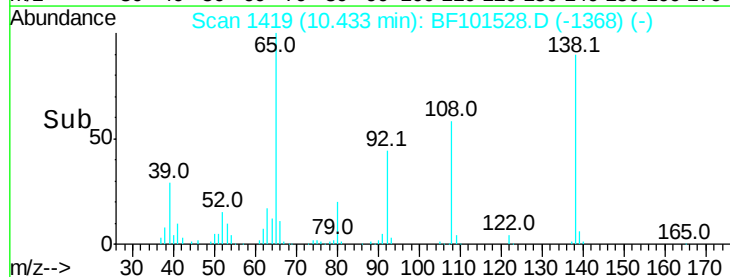
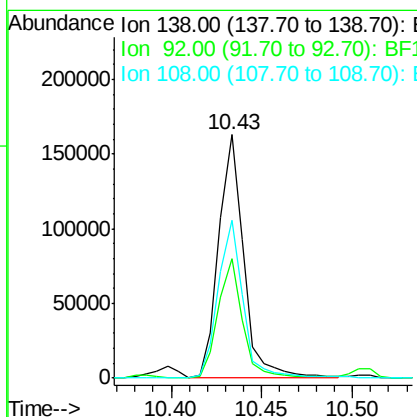
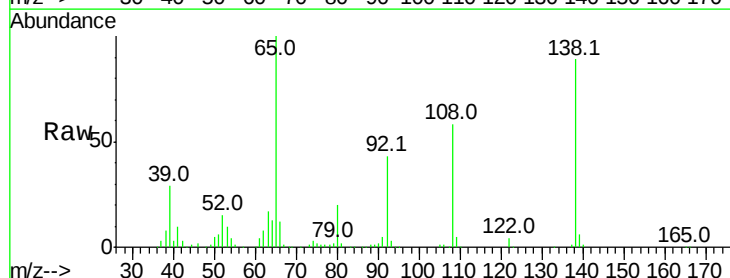
Manual Integrations
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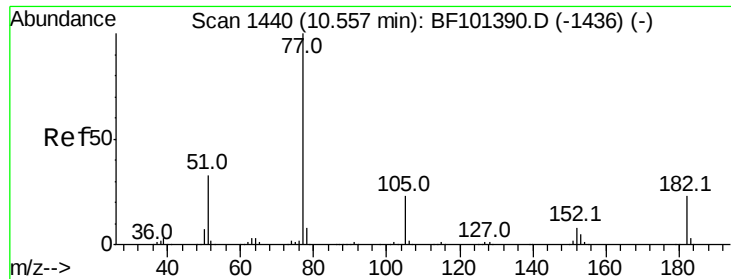
Sohil
 12/20/2017 3:47:54 PM



#61
 4-Nitroaniline
 Concen: 33.356 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.00 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

Tgt Ion:	138	Resp:	155273
Ion Ratio	Lower	Upper	
138	100		
92	48.9	30.2	70.2
108	64.8	52.5	92.5





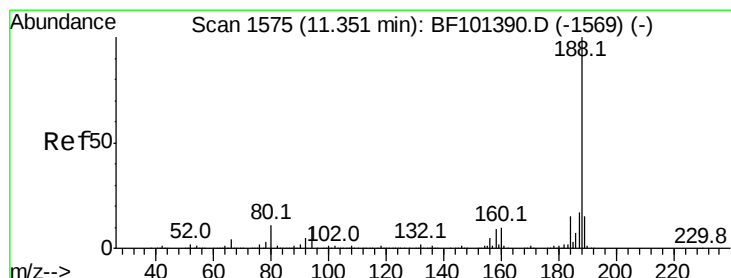
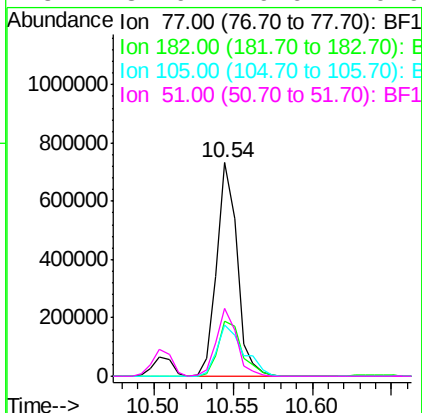
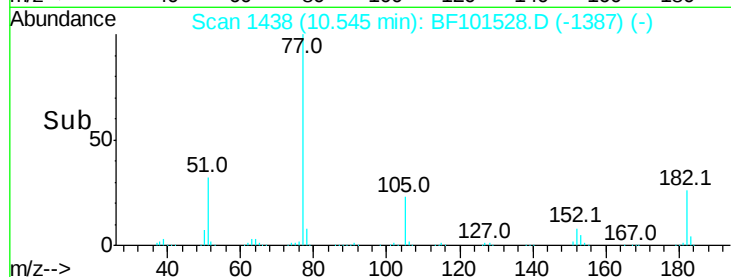
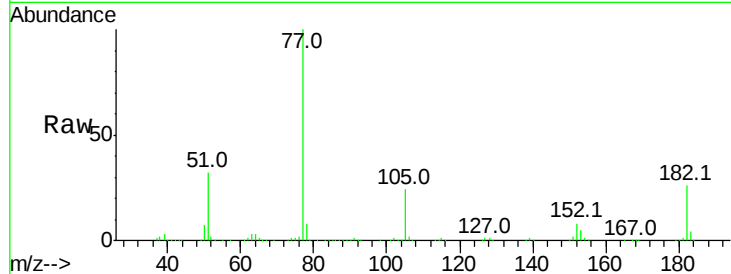
#62
Azobenzene
Concen: 34.887 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.5	1.7	41.7
105	23.7	3.0	43.0
51	31.9	9.9	49.9

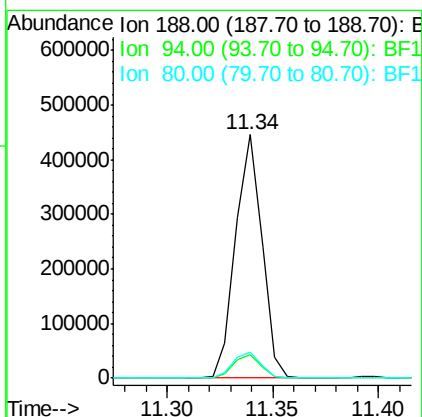
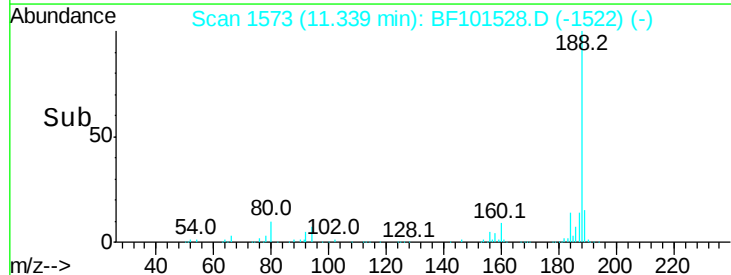
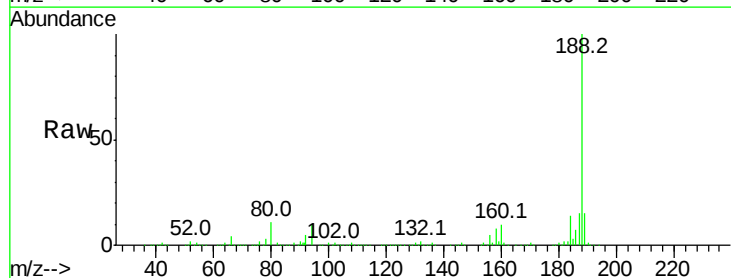
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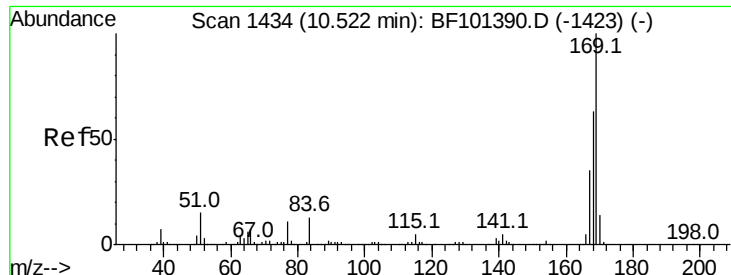
Sohil
12/20/2017 3:47:54 PM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.5	9.2	13.8





#65

n-Nitrosodiphenylamine

Concen: 39.036 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Instrument :

BNA_F

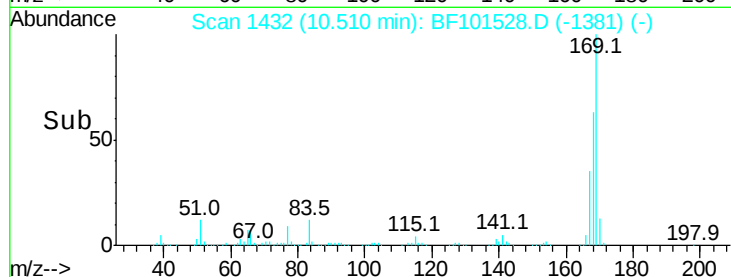
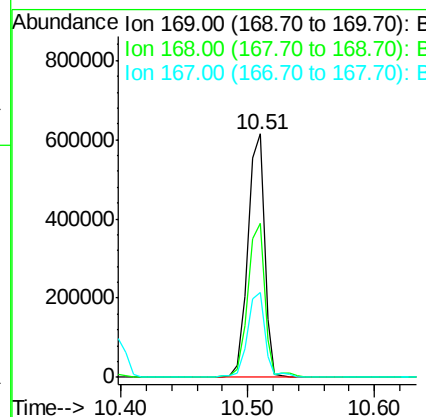
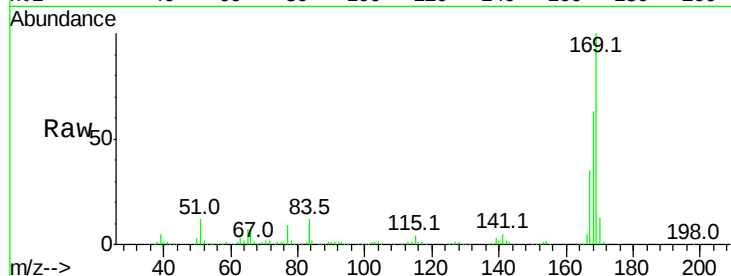
ClientSampleId :

VB16206-VB16211MS

Tot Ion:	169	Resp:	555441
Ion Ratio	Lower	Upper	
169	100		
168	63.4	54.4	81.6
167	34.9	29.8	44.6

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#66

4-Bromophenyl-phenylether

Concen: 42.688 ng

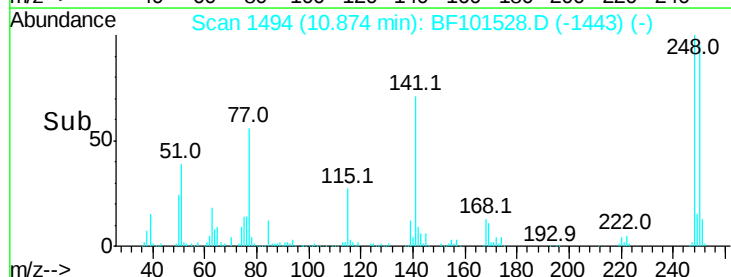
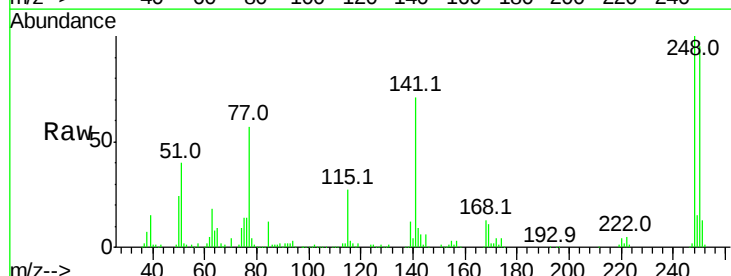
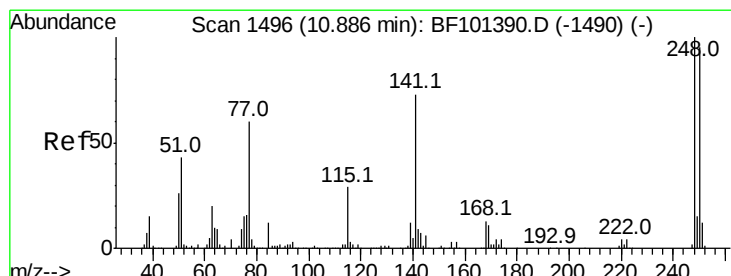
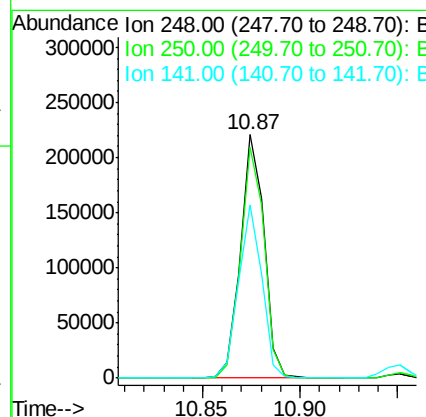
RT: 10.87 min Scan# 1494

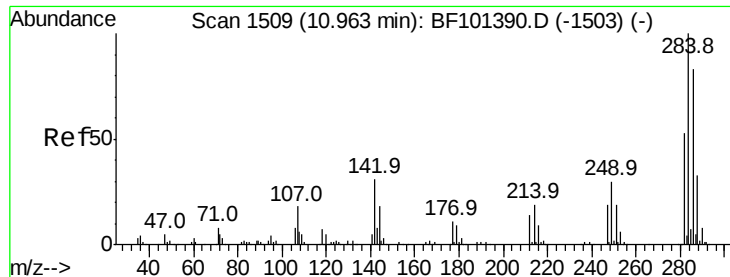
Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Tgt Ion:	248	Resp:	184836
Ion Ratio	Lower	Upper	
248	100		
250	94.9	76.9	115.3
141	71.2	74.4	111.6#





#67

Hexachlorobenzene

Concen: 40.065 ng

RT: 10.95 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MS

Tot Ion:284 Resp: 183608

Ion Ratio Lower Upper

284 100

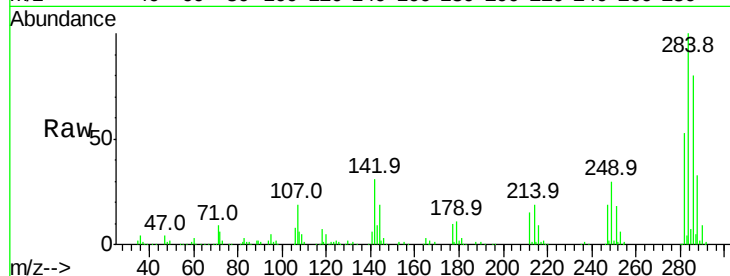
142 30.7 34.6 52.0#

249 29.9 24.8 37.2

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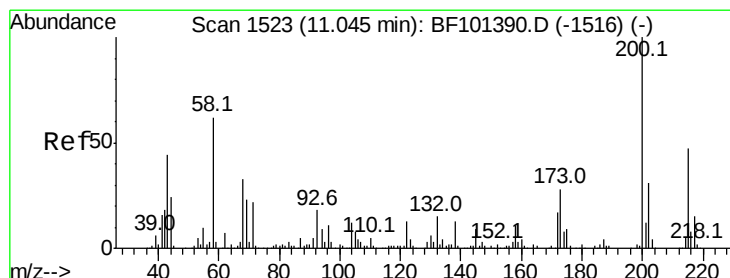
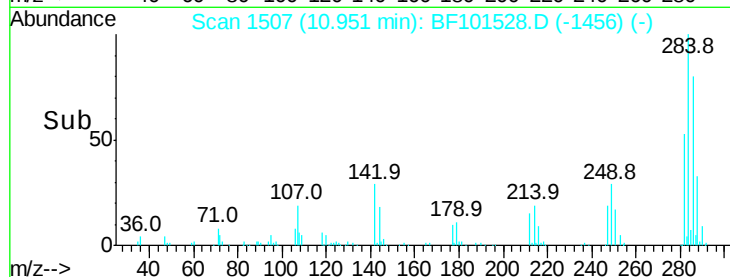
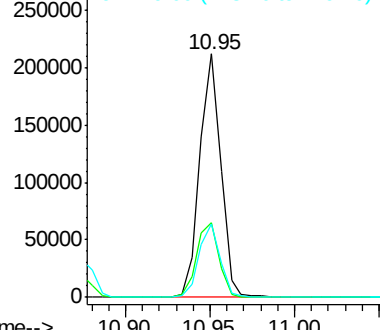
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.363 ng

RT: 11.03 min Scan# 1521

Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

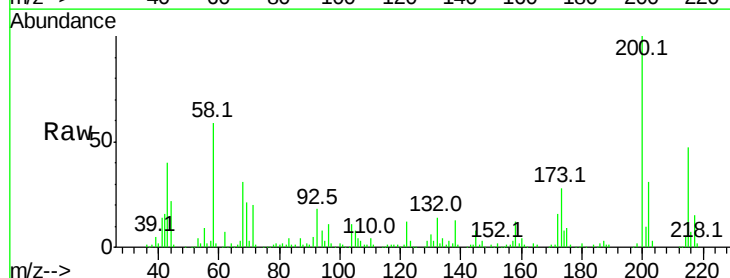
Tgt Ion:200 Resp: 188222

Ion Ratio Lower Upper

200 100

173 27.8 8.6 48.6

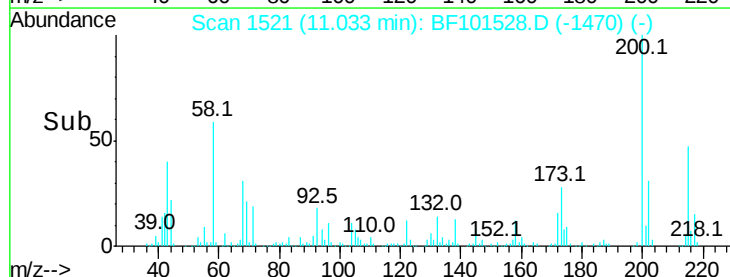
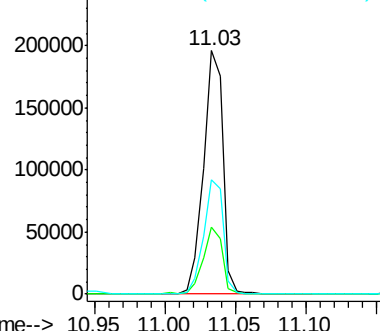
215 47.0 25.1 65.1

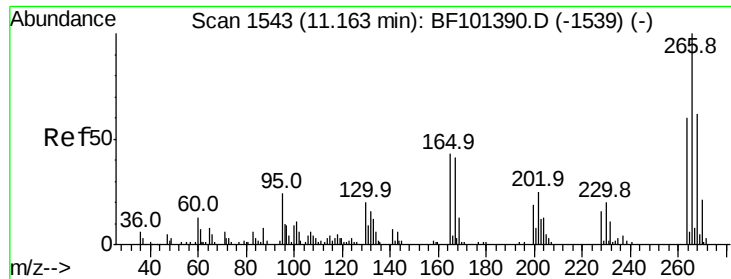


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





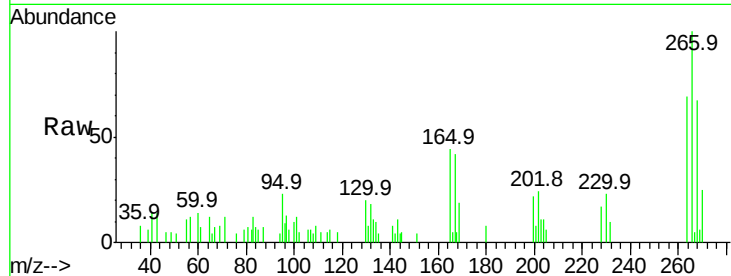
#69
 Pentachlorophenol
 Concen: 14.684 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. 0.01 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MS

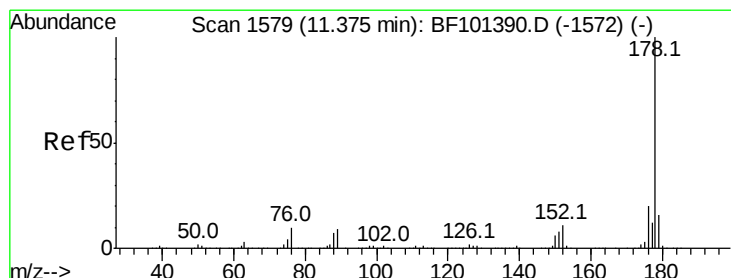
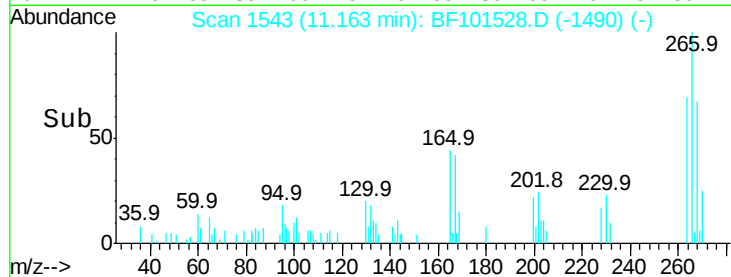
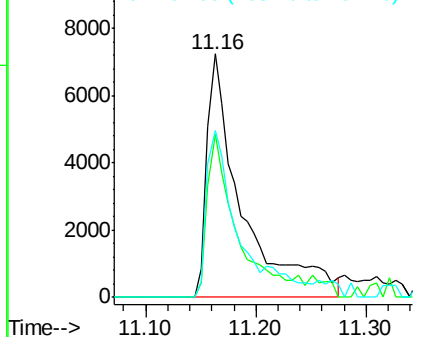
Tot Ion:	266	Resp:	15777
Ion Ratio	Lower	Upper	
266	100		
268	67.1	51.1	76.7
264	68.7	49.5	74.3

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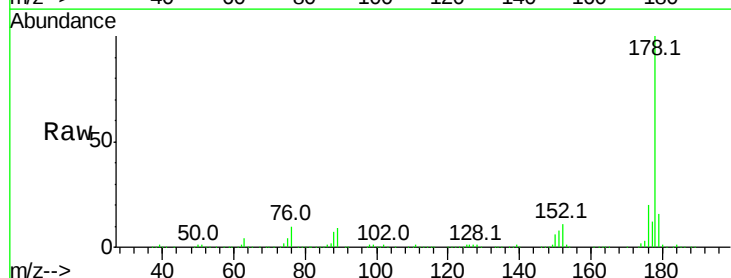


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

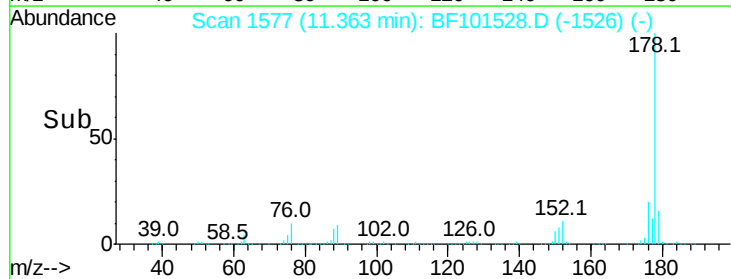
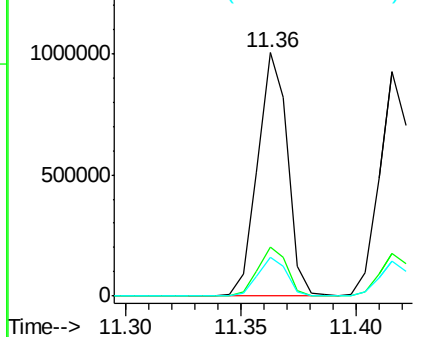


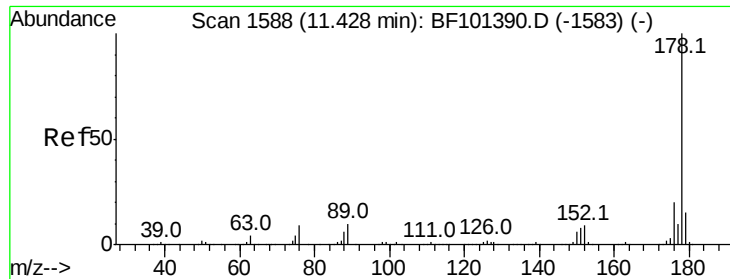
#70
 Phenanthrene
 Concen: 42.395 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

Tgt Ion:	178	Resp:	908541
Ion Ratio	Lower	Upper	
178	100		
176	19.9	15.8	23.8
179	15.9	13.0	19.6



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





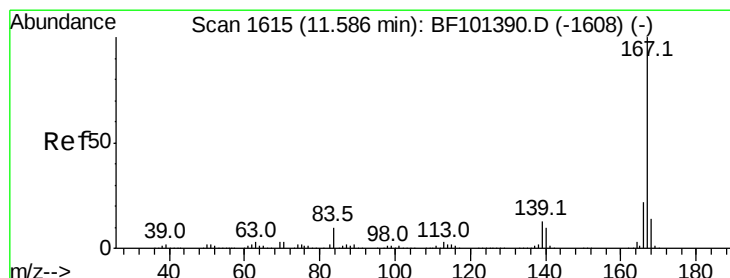
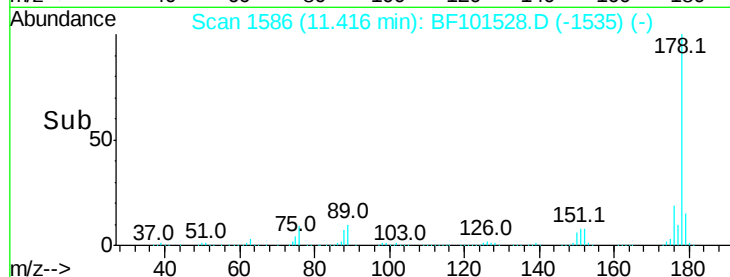
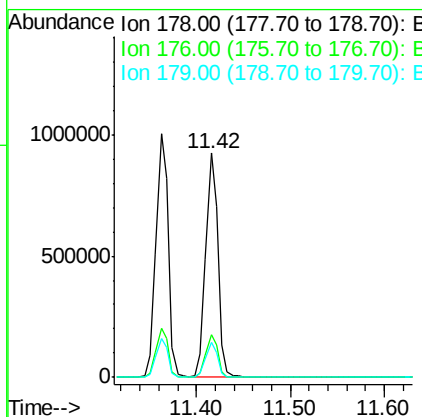
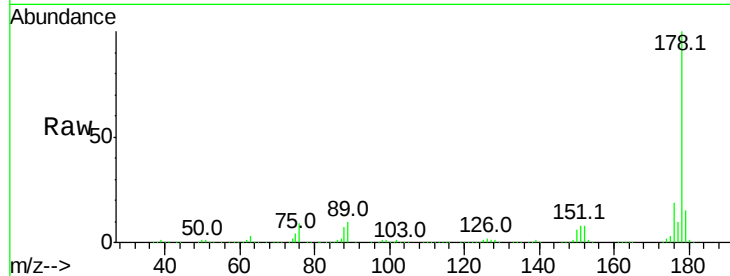
#71
 Anthracene
 Concen: 38.748 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.5	12.6	19.0

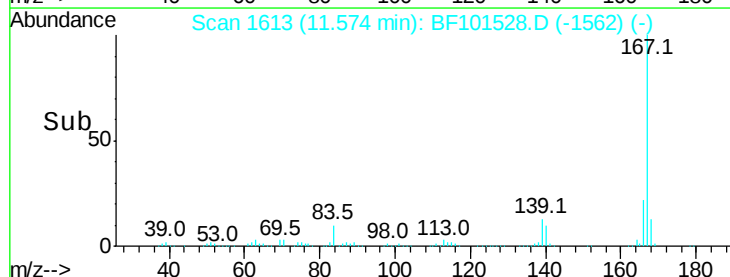
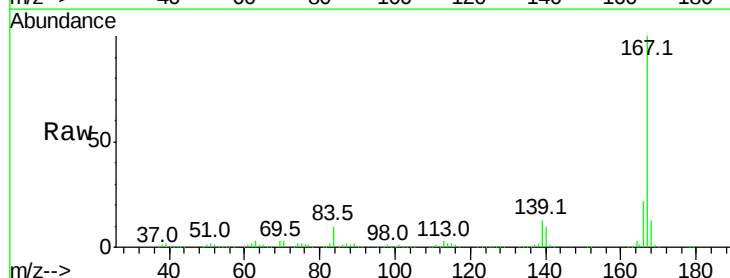
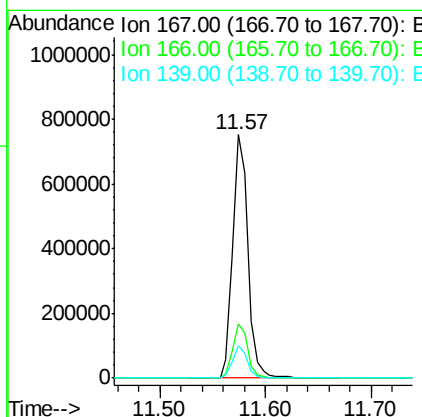
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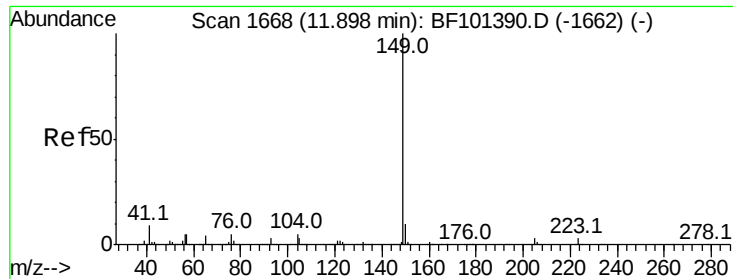
Sohil
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#72
 Carbazole
 Concen: 36.105 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.00 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	13.2	10.9	16.3





#73

Di-n-butylphthalate

Concen: 38.117 ng

RT: 11.89 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Instrument :

BNA_F

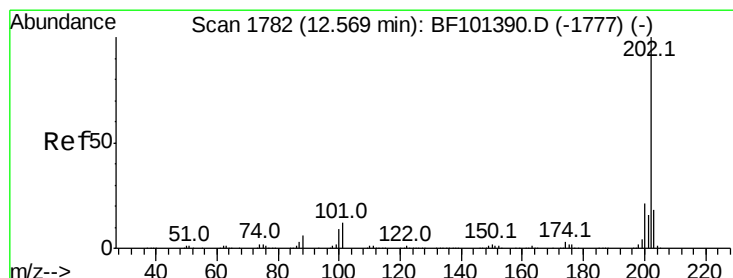
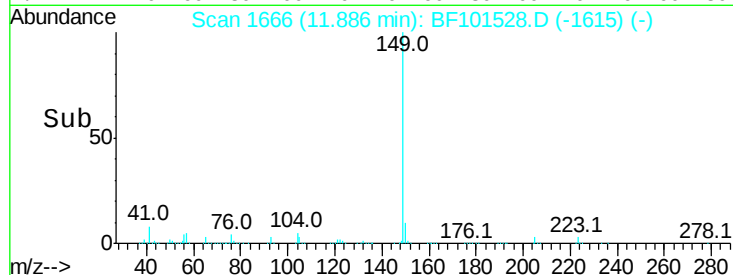
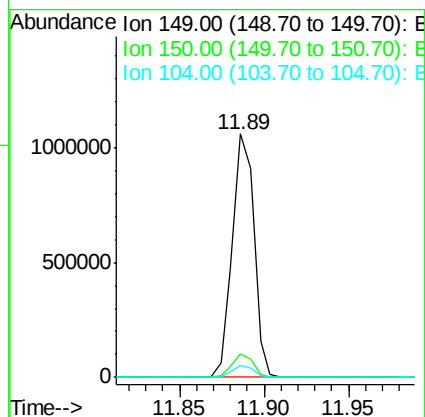
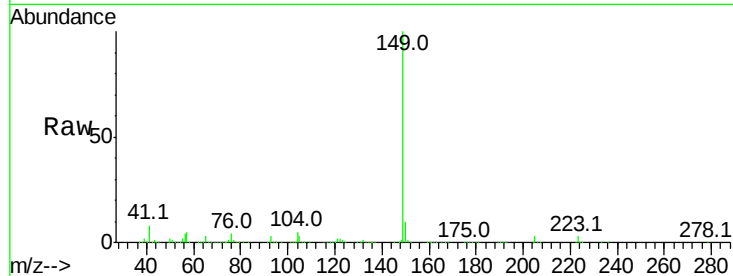
ClientSampleId :

VB16206-VB16211MS

Tot Ion:	149	Resp:	948184
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	4.7	3.8	5.8

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#74

Fluoranthene

Concen: 34.488 ng

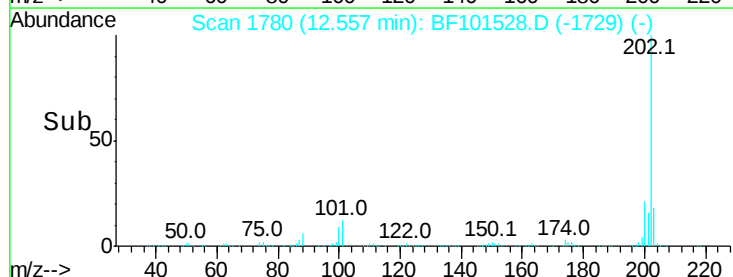
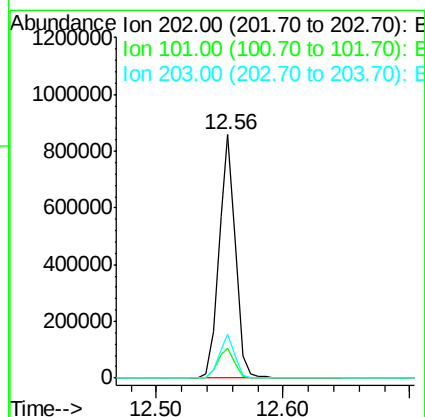
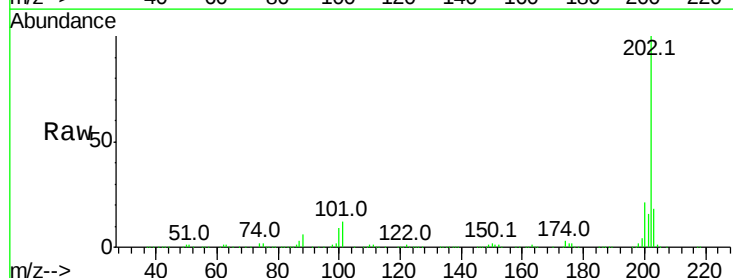
RT: 12.56 min Scan# 1780

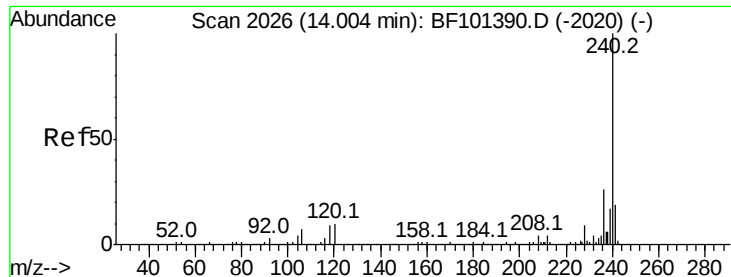
Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Tgt Ion:	202	Resp:	775772
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	34.1
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Instrument :

BNA_F

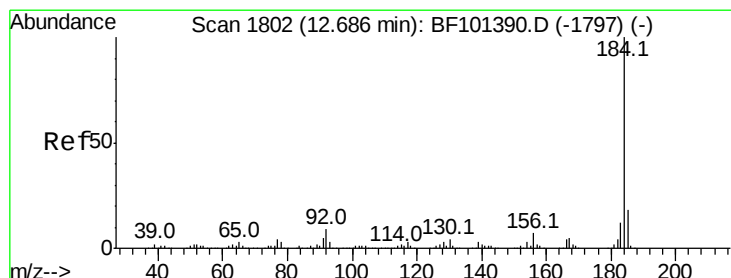
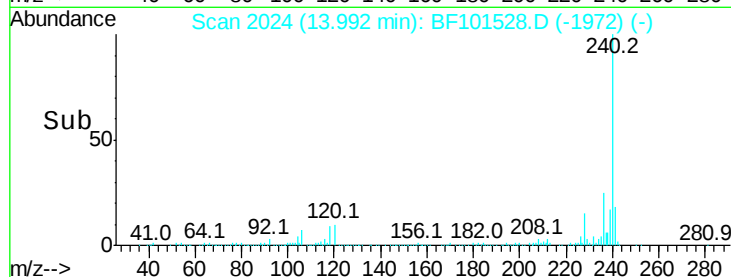
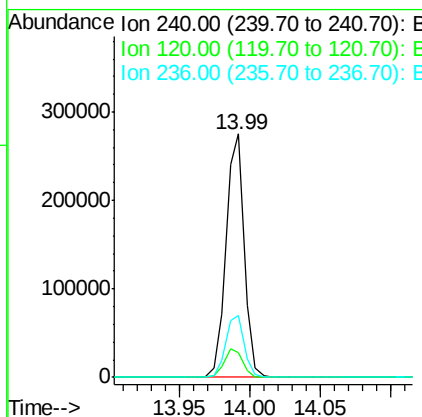
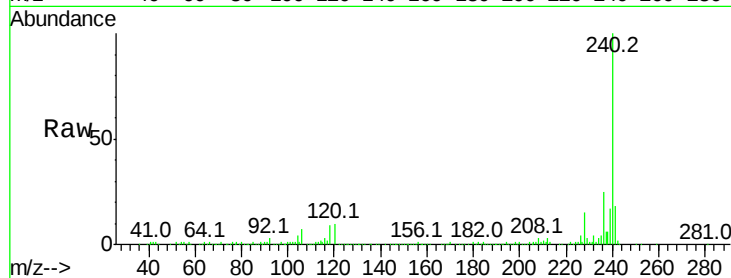
ClientSampleId :

VB16206-VB16211MS

Tot Ion:	240	Resp:	245979
Ion Ratio	Lower	Upper	
240	100		
120	10.4	9.5	14.3
236	25.3	20.7	31.1

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#76

Benzidine

Concen: 20.778 ng

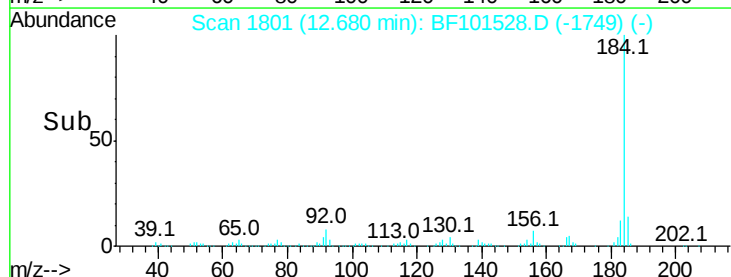
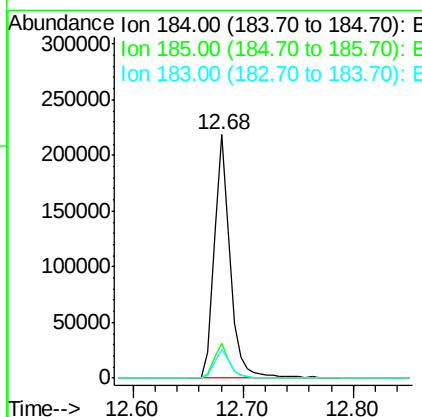
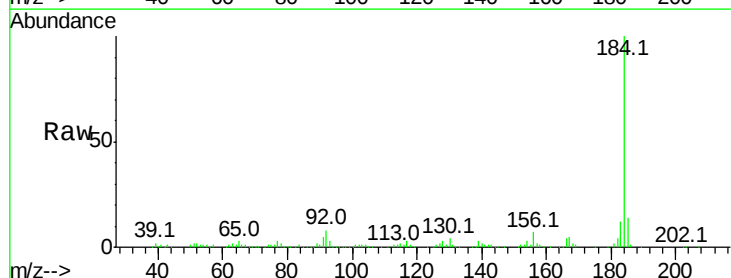
RT: 12.68 min Scan# 1801

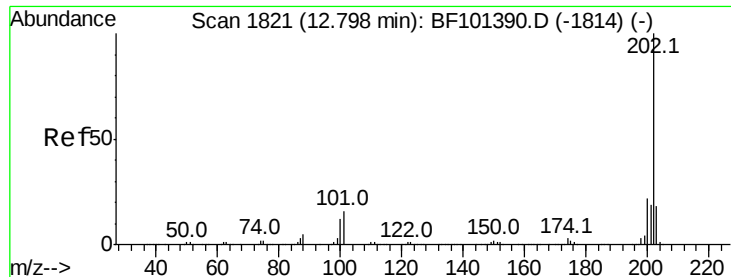
Delta R.T. 0.01 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Tgt Ion:	184	Resp:	215857
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.6	18.8
183	11.5	9.3	13.9





#77

Pvrene

Concen: 40.423 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Instrument :

BNA_F

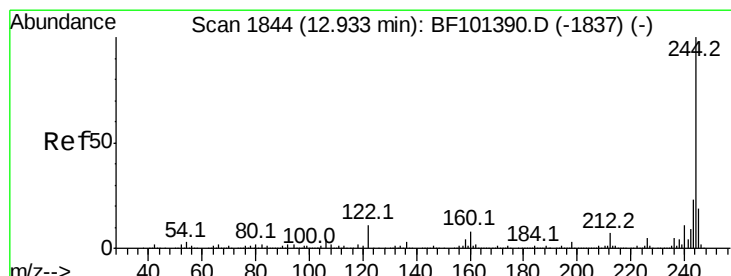
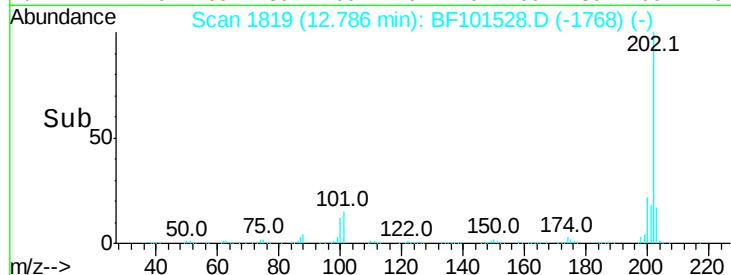
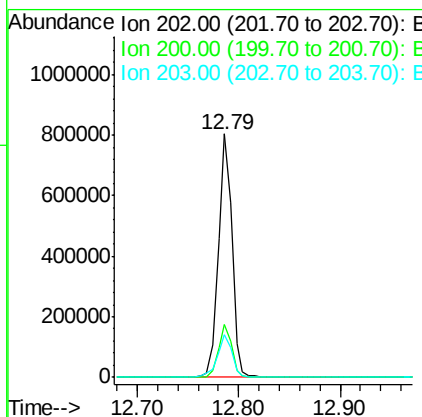
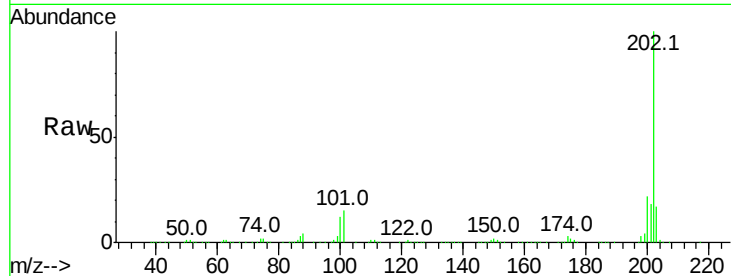
ClientSampleId :

VB16206-VB16211MS

Tot Ion:	202	Resp:	746241
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.4	26.2
203	17.5	14.3	21.5

Manual Integrations
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#78

Terphenyl-d14

Concen: 78.104 ng

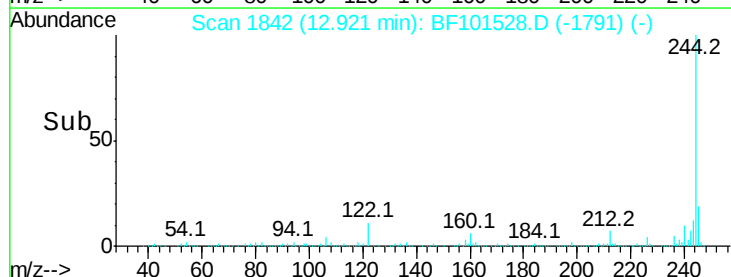
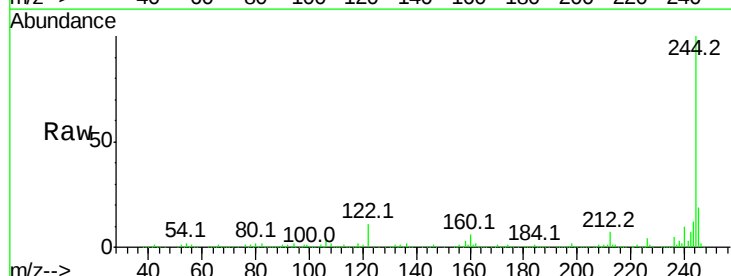
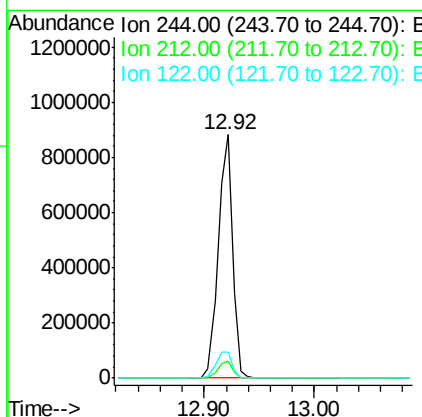
RT: 12.92 min Scan# 1842

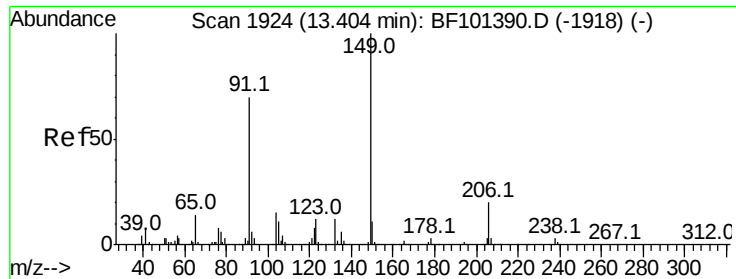
Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Tgt Ion:	244	Resp:	796917
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	10.6	11.0	16.4#





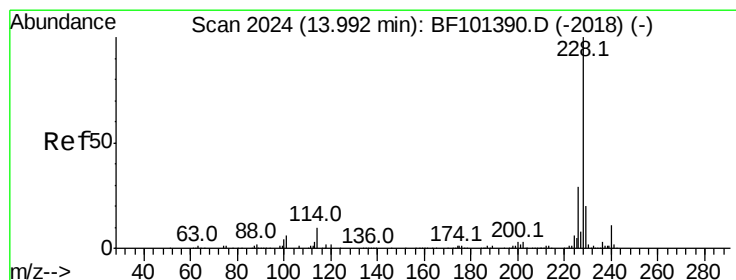
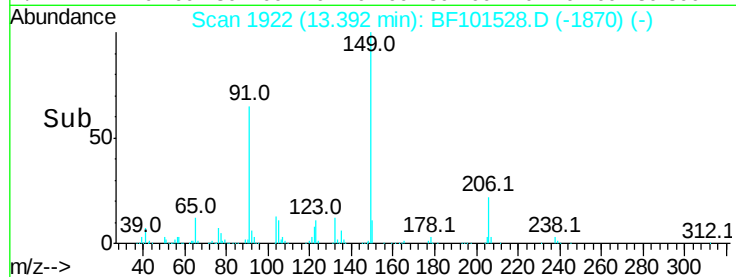
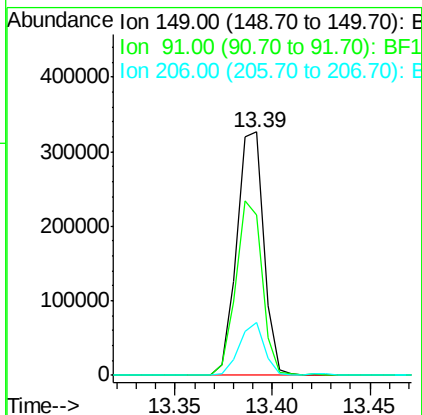
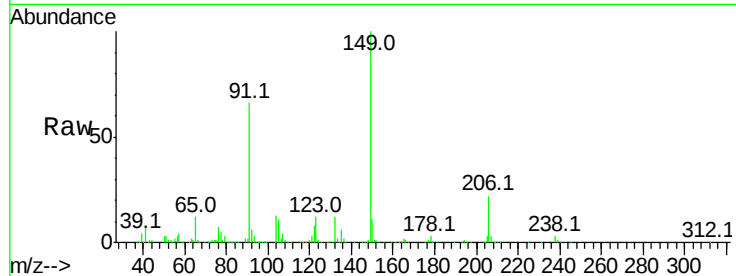
#79
Butylbenzylphthalate
Concen: 37.742 ng
RT: 13.39 min Scan# 1922
Delta R.T. 0.01 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	65.7	56.8	85.2
206	21.6	14.1	21.1

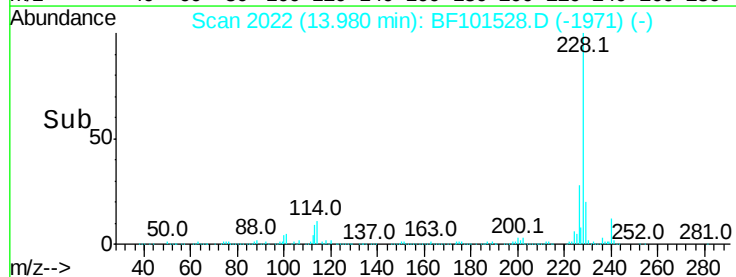
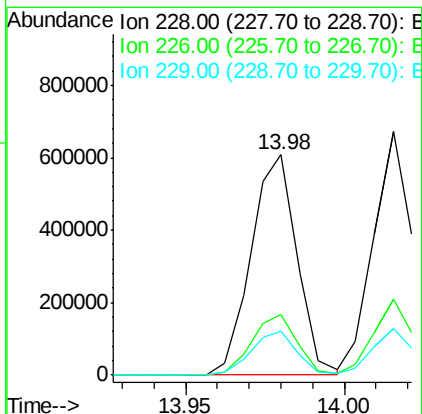
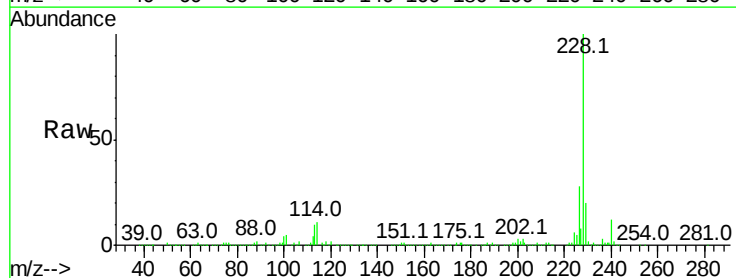
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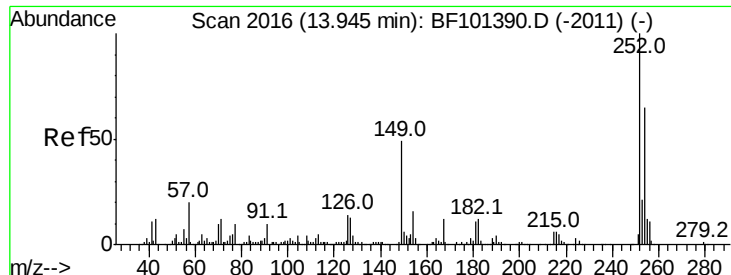
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#80
Benzo(a)anthracene
Concen: 37.619 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.5	22.6	33.8
229	19.8	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 22.571 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.01 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Instrument :

BNA_F

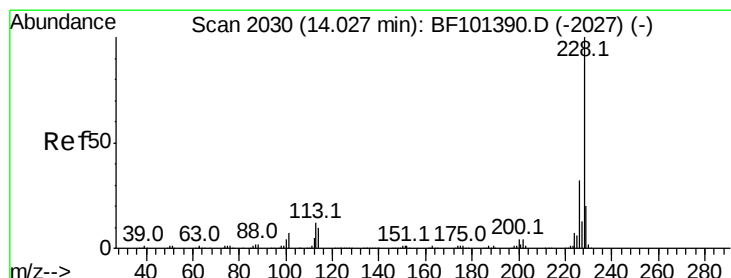
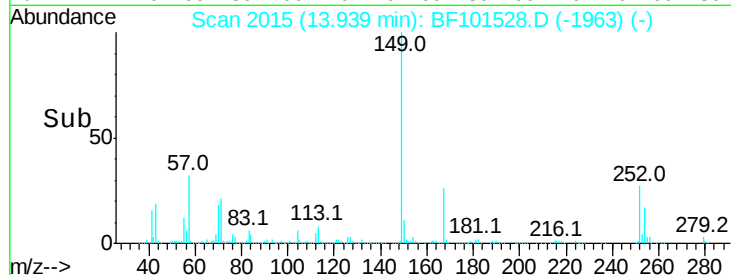
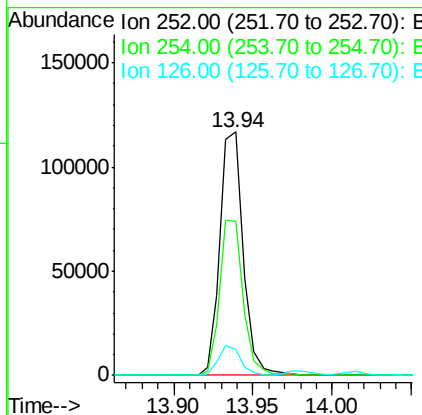
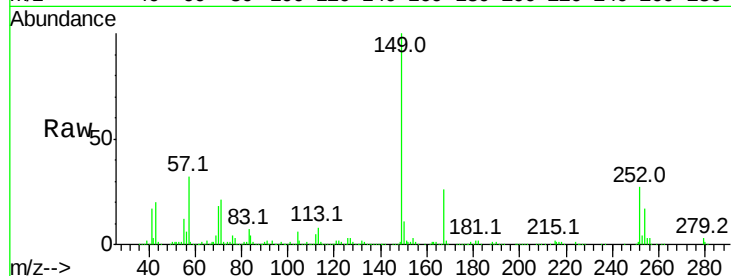
ClientSampleId :

VB16206-VB16211MS

Tot Ion:	252	Resp:	119540
Ion Ratio	Lower	Upper	
252	100		
254	63.2	50.4	75.6
126	10.7	11.3	16.9#

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#82

Chrysene

Concen: 37.400 ng

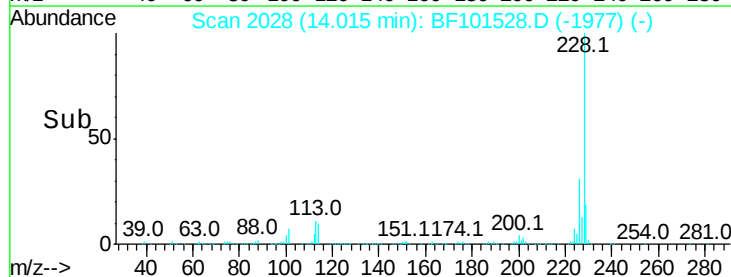
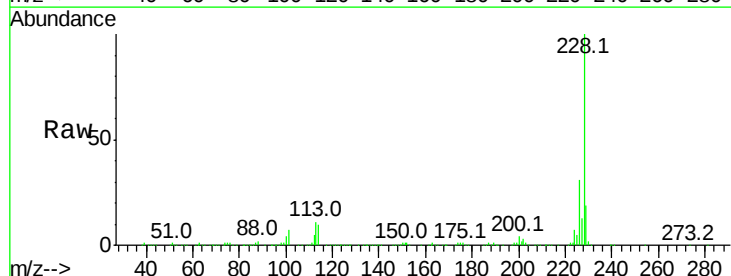
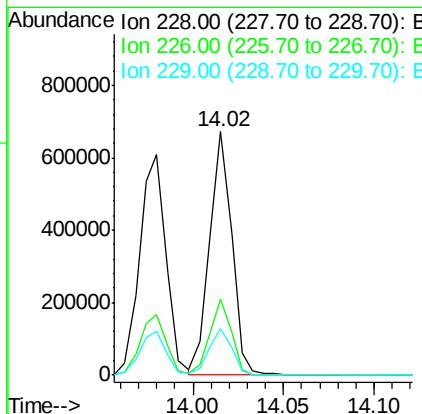
RT: 14.02 min Scan# 2028

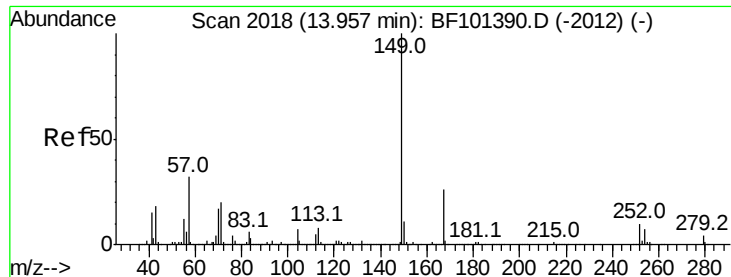
Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Tgt Ion:	228	Resp:	573561
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.0	37.6
229	19.2	16.2	24.4





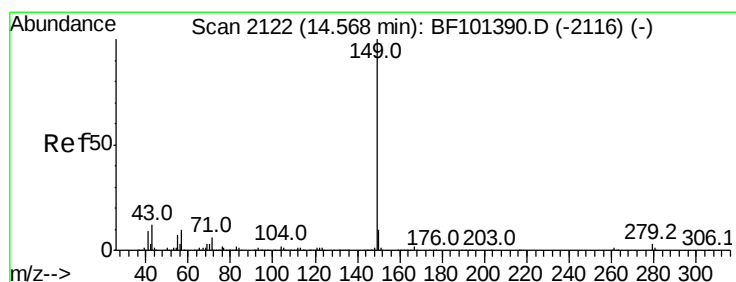
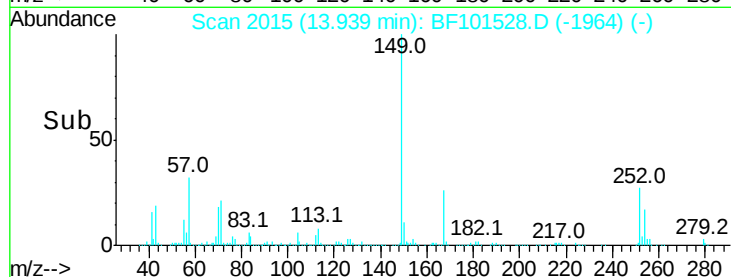
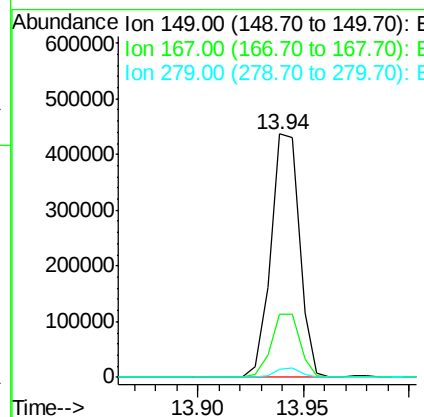
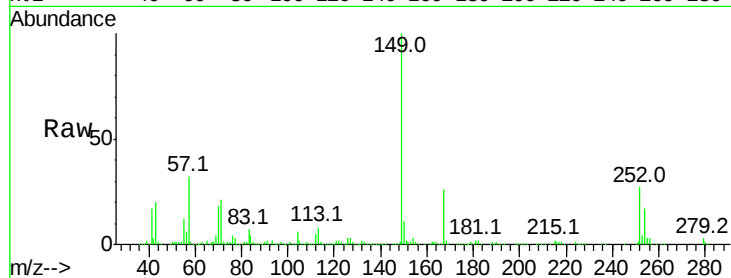
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.355 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	26.2	21.3	31.9
279	3.1	3.0	4.4

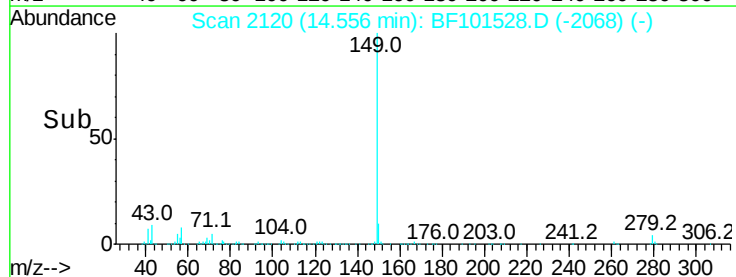
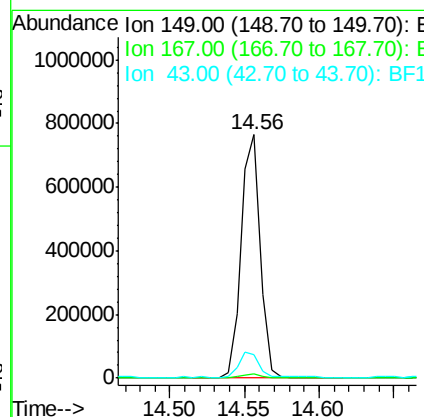
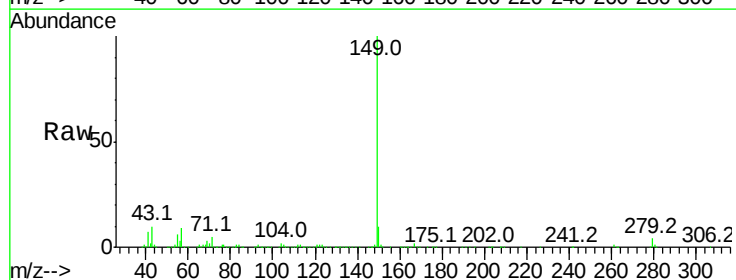
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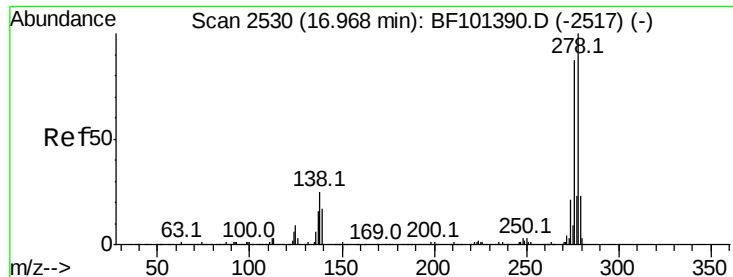
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#84
 Di-n-octyl phthalate
 Concen: 36.341 ng
 RT: 14.56 min Scan# 2120
 Delta R.T. 0.01 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.7	1.2	1.8
43	10.8	8.4	12.6





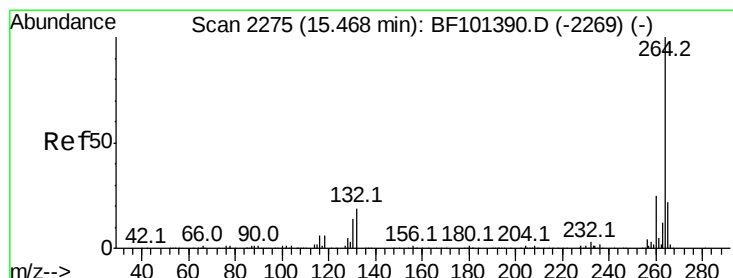
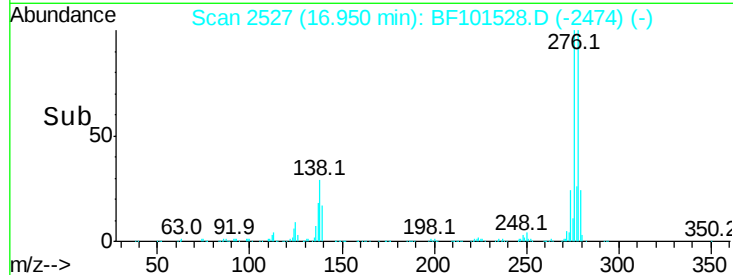
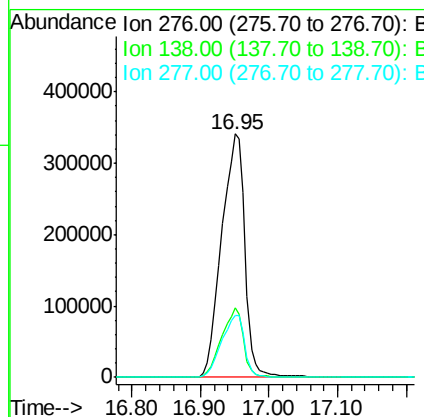
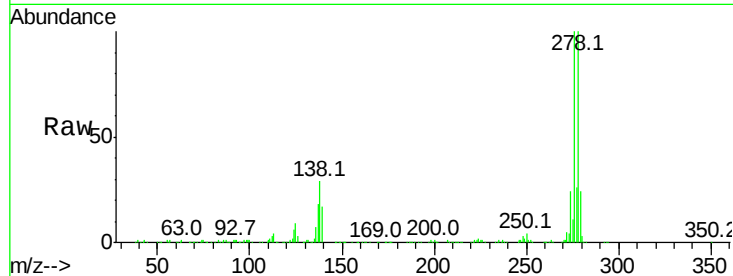
#85
Indeno(1,2,3-cd)pyrene
Concen: 59.094 ng
RT: 16.95 min Scan# 2527
Delta R.T. 0.01 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.9	25.0	37.6
277	25.3	20.1	30.1

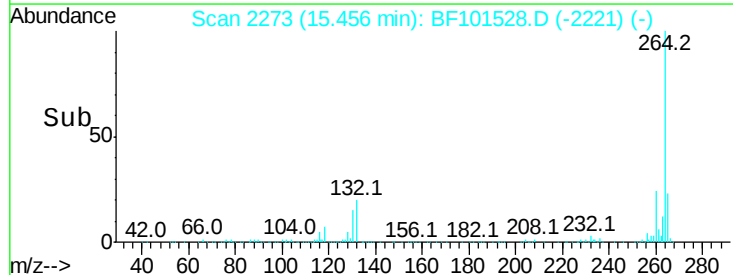
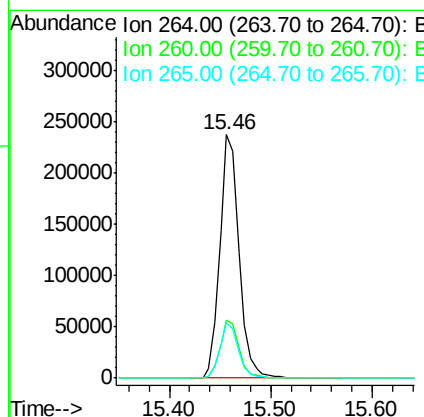
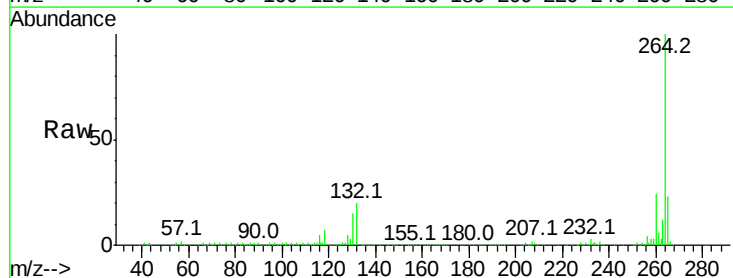
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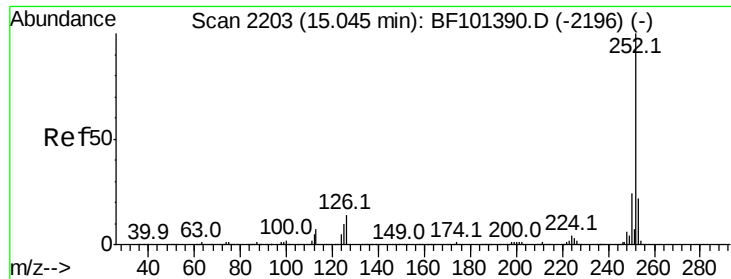
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	23.0	17.5	26.3





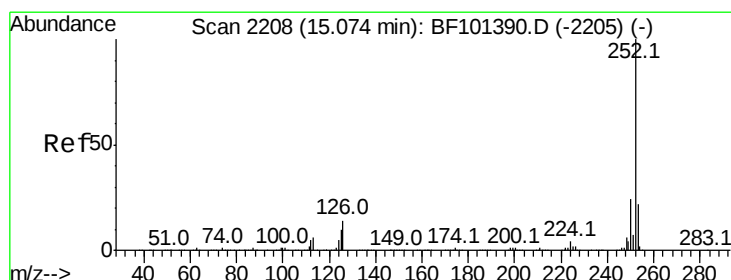
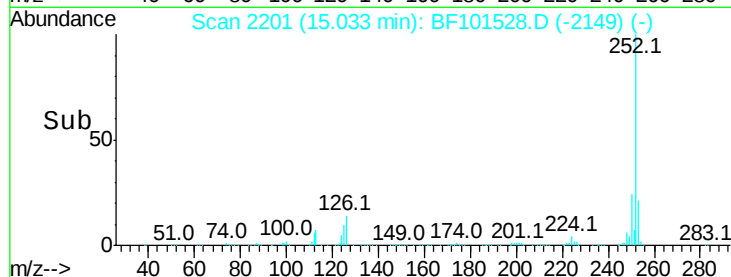
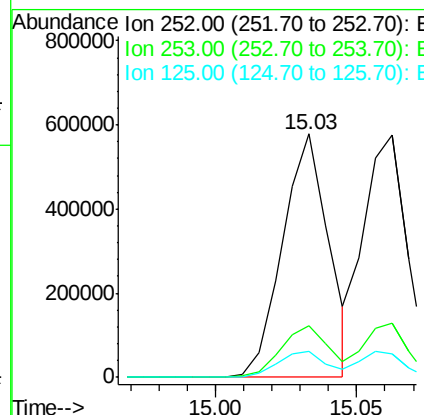
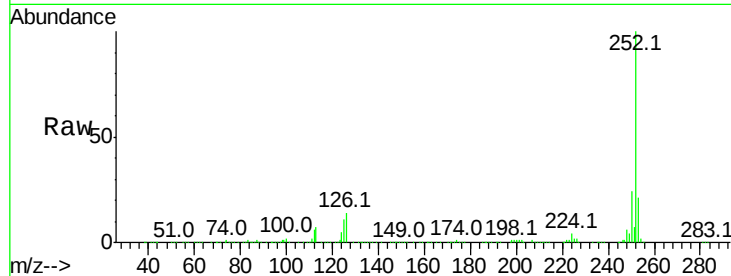
#87
Benzo(b)fluoranthene
Concen: 34.369 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.0	25.6
125	10.6	9.0	13.6

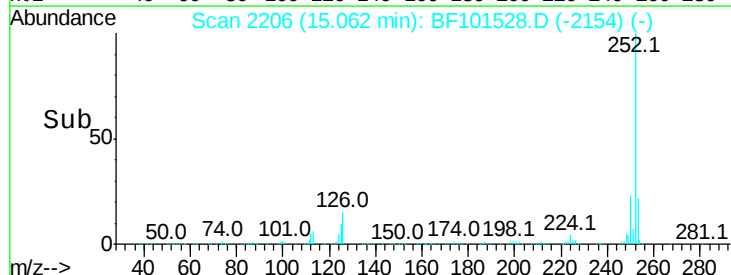
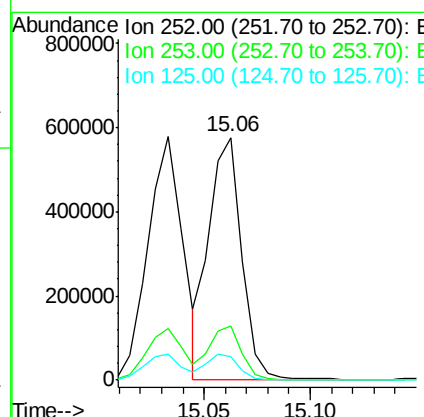
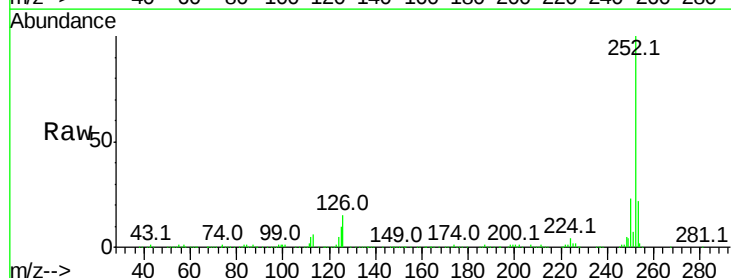
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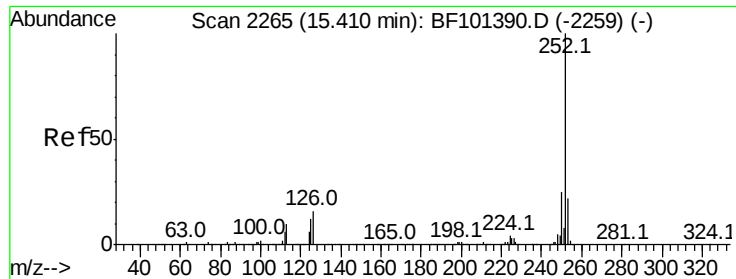
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#88
Benzo(k)fluoranthene
Concen: 33.559 ng m
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	9.8	10.2	15.2#





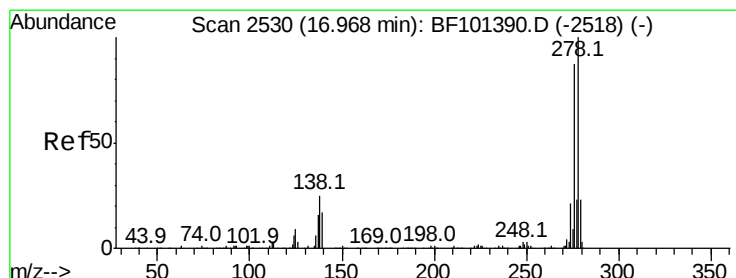
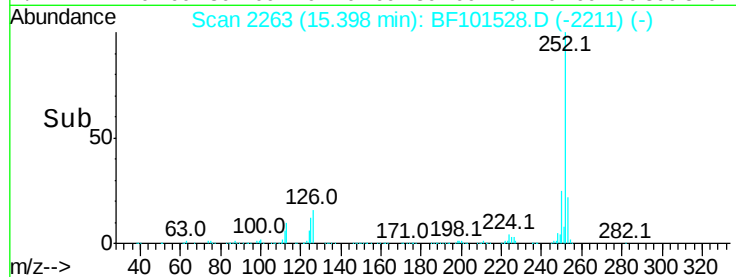
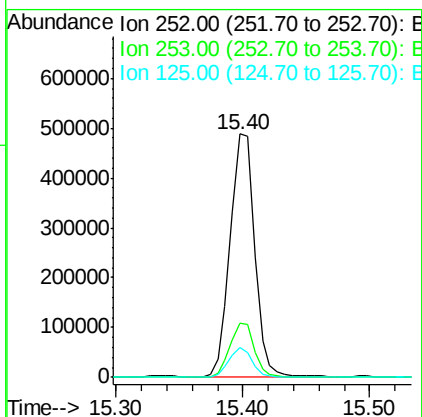
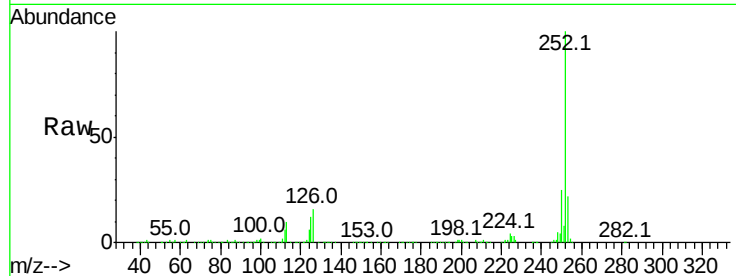
#89
Benzo(a)pyrene
Concen: 37.161 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	12.4	9.8	14.6

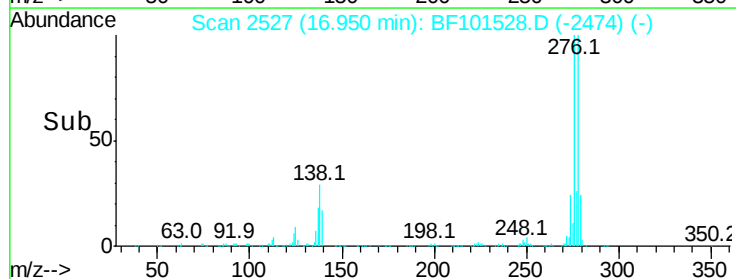
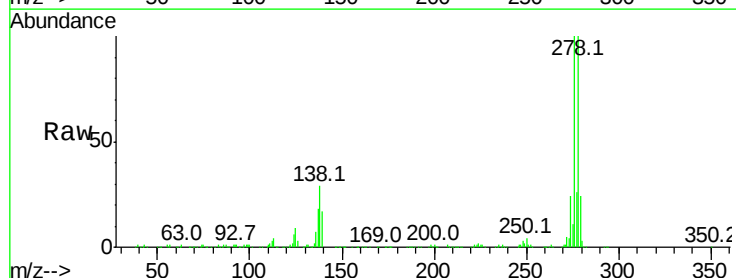
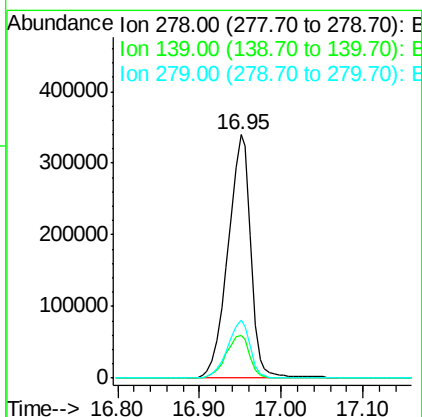
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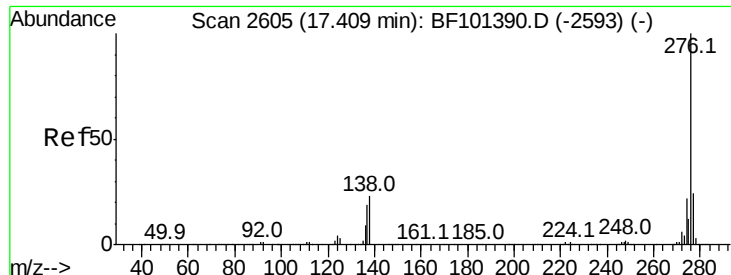
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#90
Dibenzo(a,h)anthracene
Concen: 43.963 ng
RT: 16.95 min Scan# 2527
Delta R.T. 0.01 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.4	15.9	23.9
279	23.7	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 47.255 ng
 RT: 17.40 min Scan# 2603
 Delta R.T. 0.02 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	22.1	21.8	32.8

Manual Integrations
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