

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\
 Data File : BF107614.D
 Acq On : 24 Jul 2018 13:10
 Operator : JU/SJ
 Sample : PB111380BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111380BS

Manual Integrations
 APPROVED

Sohil
 7/25/2018 12:57:59 PM

Quant Time: Jul 25 02:02:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	270219	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	1059782	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	502139	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	1040602	20.00	ng	0.00
75) Chrysene-d12	14.16	240	796022	20.00	ng	0.00
86) Perylene-d12	15.69	264	712880	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	1807688	107.56	ng	0.01
7) Phenol-d6	6.61	99	2109332	104.52	ng	0.00
23) Nitrobenzene-d5	7.54	82	1381980	88.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	740005	129.60	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2545965	87.55	ng	-0.01
78) Terphenyl-d14	13.09	244	2717284	87.39	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.92	88	208993	26.716	ng	# 86
3) Pyridine	3.70	79	573646	26.956	ng	86
4) n-Nitrosodimethylamine	3.65	42	278000	30.973	ng	95
6) Aniline	6.64	93	665647	25.574	ng	# 80
8) 2-Chlorophenol	6.76	128	658849	36.591	ng	94
9) Benzaldehyde	6.52	77	413867	32.191	ng	95
10) Phenol	6.62	94	772839	32.563	ng	89
11) bis(2-Chloroethyl)ether	6.70	93	642687	32.663	ng	93
12) 1,3-Dichlorobenzene	6.91	146	696172	34.101	ng	97
13) 1,4-Dichlorobenzene	6.98	146	747283	35.714	ng	99
14) 1,2-Dichlorobenzene	7.14	146	660020	35.149	ng	98
15) Benzyl Alcohol	7.11	79	528475	38.424	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1059425	31.915	ng	78
17) 2-Methylphenol	7.22	107	559832	36.581	ng	# 90
18) Hexachloroethane	7.47	117	262113	35.715	ng	97
19) n-Nitroso-di-n-propylamine	7.38	70	446157	34.223	ng	99
20) 3+4-Methylphenols	7.38	107	712980	39.234	ng	# 65
22) Acetophenone	7.38	105	933394	37.502	ng	# 87
24) Nitrobenzene	7.55	77	692925	38.525	ng	97
25) Isophorone	7.78	82	1274213	38.003	ng	99
26) 2-Nitrophenol	7.87	139	387487	51.016	ng	96
27) 2,4-Dimethylphenol	7.90	122	607984	42.288	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	809571	36.130	ng	100
29) 2,4-Dichlorophenol	8.11	162	592331	40.308	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	599895	36.347	ng	99
31) Naphthalene	8.27	128	1920825	41.217	ng	98
32) Benzoic acid	8.00	122	101932	16.384	ng	96
33) 4-Chloroaniline	8.32	127	366075	17.972	ng	99
34) Hexachlorobutadiene	8.38	225	355025	36.200	ng	99
35) Caprolactam	8.70	113	202409m	42.347	ng	
36) 4-Chloro-3-methylphenol	8.81	107	658058	40.313	ng	99
37) 2-Methylnaphthalene	8.97	142	1348688	41.763	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	617986	36.898	ng	98
40) Hexachlorocyclopentadiene	9.11	237	726125	85.287	ng	98

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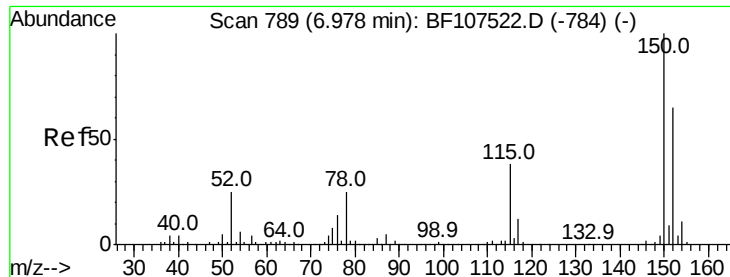
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 7/25/2018 12:57:59 PM

Quant Time: Jul 25 02:02:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	422999	39.457	nq	99
43) 2,4,5-Trichlorophenol	9.30	196	473221	42.235	nq	93
45) 1,1'-Biphenyl	9.43	154	1642260	37.544	nq	98
46) 2-Chloronaphthalene	9.46	162	1225985	36.668	nq	99
47) 2-Nitroaniline	9.56	65	447678	45.927	nq	89
48) Acenaphthylene	9.88	152	2008184	39.983	nq	97
49) Dimethylphthalate	9.73	163	1429021	37.760	nq	99
50) 2,6-Dinitrotoluene	9.80	165	327473	43.584	nq	93
51) Acenaphthene	10.05	154	1127359	35.824	nq	99
52) 3-Nitroaniline	9.98	138	251346	27.497	nq	97
53) 2,4-Dinitrophenol	10.08	184	191819	61.648	nq #	26
54) Dibenzofuran	10.22	168	1749246	37.757	nq	96
55) 4-Nitrophenol	10.15	139	528907	77.283	nq	95
56) 2,4-Dinitrotoluene	10.21	165	424579	46.813	nq #	95
57) Fluorene	10.57	166	1400699	42.378	nq	94
58) 2,3,4,6-Tetrachlorophenol	10.34	232	397519	42.630	nq #	87
59) Diethylphthalate	10.42	149	1488121	37.651	nq	98
60) 4-Chlorophenyl-phenylether	10.55	204	693816	37.132	nq	96
61) 4-Nitroaniline	10.60	138	384755	50.100	nq	95
62) Azobenzene	10.71	77	1373821	37.069	nq	92
64) 4,6-Dinitro-2-methylphenol	10.61	198	175226	37.253	nq	91
65) n-Nitrosodiphenylamine	10.68	169	1259331	35.633	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	441626	36.052	nq	90
67) Hexachlorobenzene	11.11	284	486528	36.097	nq #	84
68) Atrazine	11.20	200	401028	37.165	nq	95
69) Pentachlorophenol	11.31	266	447192	53.118	nq	98
70) Phenanthrene	11.53	178	1959628	38.645	nq	98
71) Anthracene	11.58	178	2104381	41.217	nq	97
72) Carbazole	11.74	167	2003825	37.742	nq	98
73) Di-n-butylphthalate	12.05	149	2230185	39.332	nq	98
74) Fluoranthene	12.72	202	2184211	40.140	nq	97
76) Benzidine	12.85	184	1319224	57.548	nq	98
77) Pyrene	12.96	202	2165239	39.767	nq	99
79) Butylbenzylphthalate	13.56	149	996753	42.567	nq	92
80) Benzo(a)anthracene	14.15	228	1840223	39.449	nq	97
81) 3,3'-Dichlorobenzidine	14.11	252	364088	22.758	nq #	97
82) Chrysene	14.18	228	1776433	39.643	nq	98
83) Bis(2-ethylhexyl)phthalate	14.11	149	1221995	36.986	nq	100
84) Di-n-octyl phthalate	14.73	149	1991814	38.785	nq	98
85) Indeno(1,2,3-cd)pyrene	17.27	276	1573002	41.419	nq #	94
87) Benzo(b)fluoranthene	15.23	252	1603108	41.089	nq	97
88) Benzo(k)fluoranthene	15.27	252	1470402m	38.468	nq	
89) Benzo(a)pyrene	15.62	252	1472602	41.263	nq	99
90) Dibenzo(a,h)anthracene	17.28	278	1312881	42.557	nq	96
91) Benzo(g,h,i)perylene	17.75	276	1313748	43.173	nq #	93

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



#1

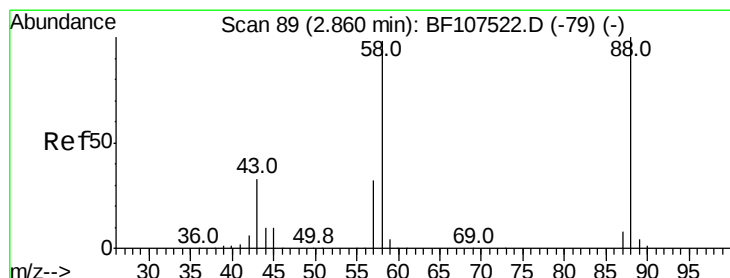
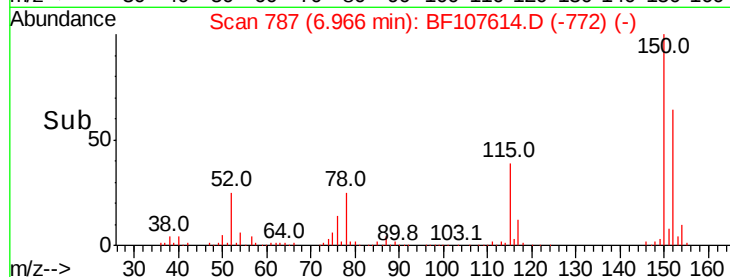
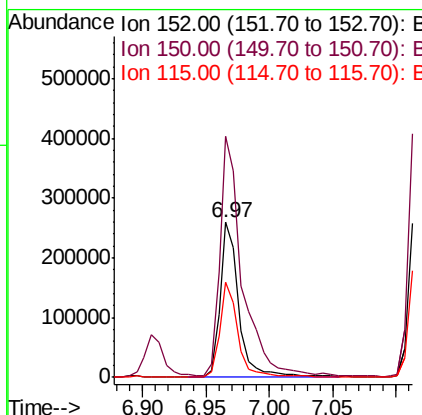
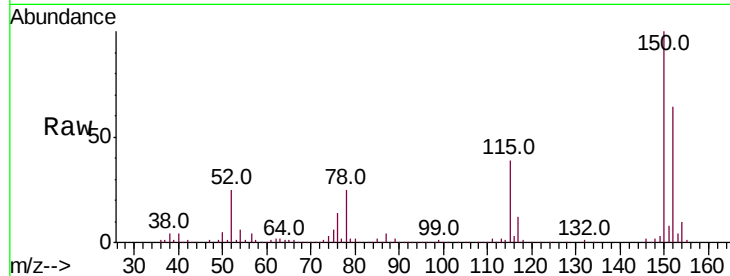
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Instrument :
BNA_F
ClientSampleId :
PB111380BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	61.3	50.1	75.1

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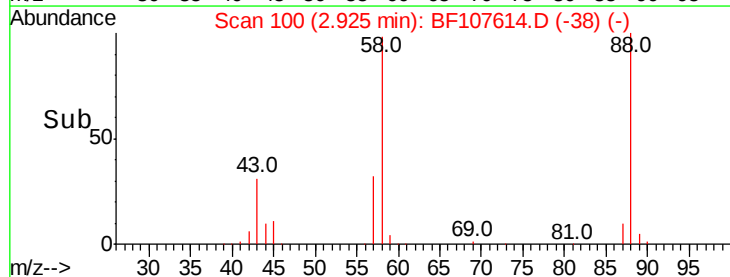
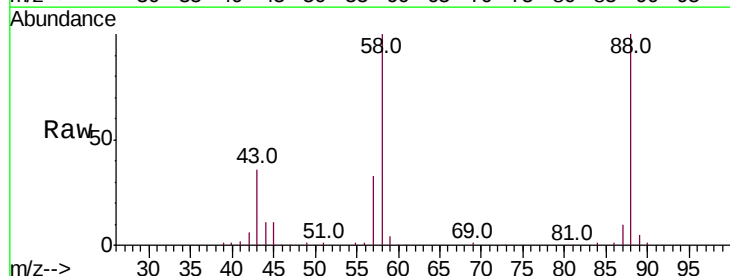
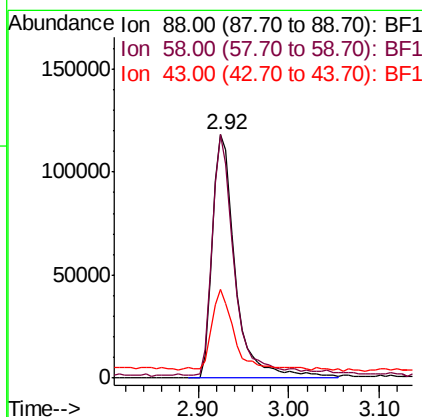
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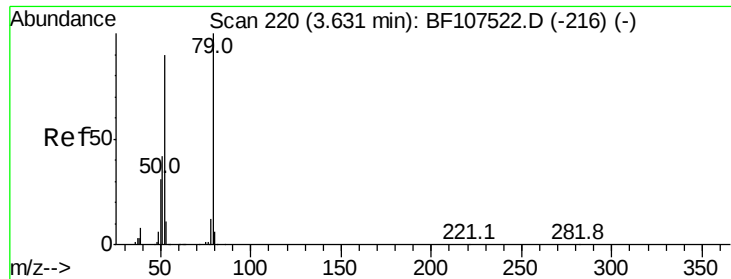


#2

1,4-Dioxane
Concen: 26.716 ng
RT: 2.92 min Scan# 100
Delta R.T. 0.06 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.0	62.6	93.8#
43	30.9	24.6	37.0





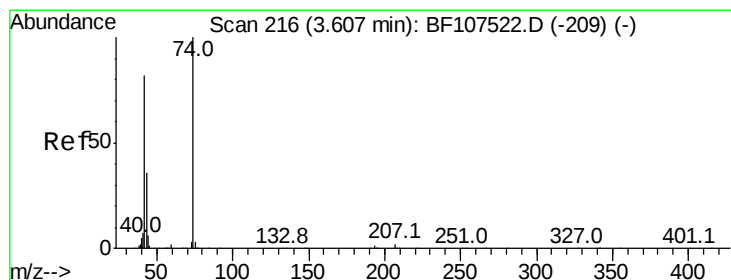
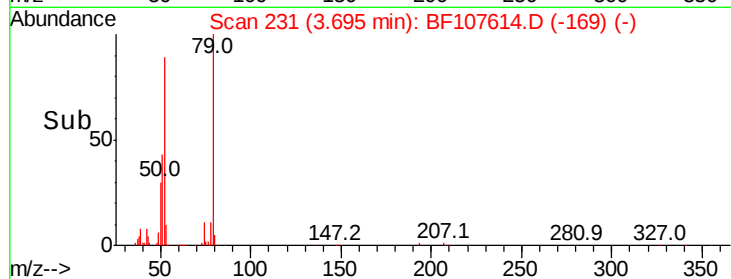
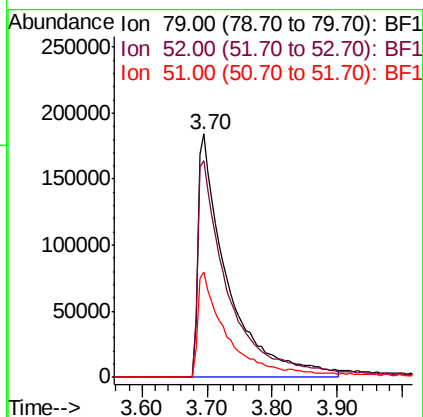
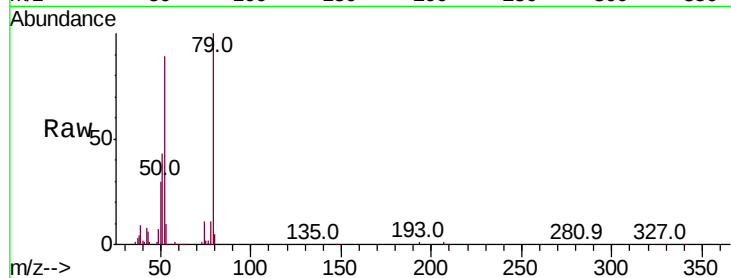
#3
 Pvridine
 Concen: 26.956 ng
 RT: 3.70 min Scan# 231
 Delta R.T. 0.06 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB111380BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	88.9	59.8	89.6
51	43.1	29.8	44.8

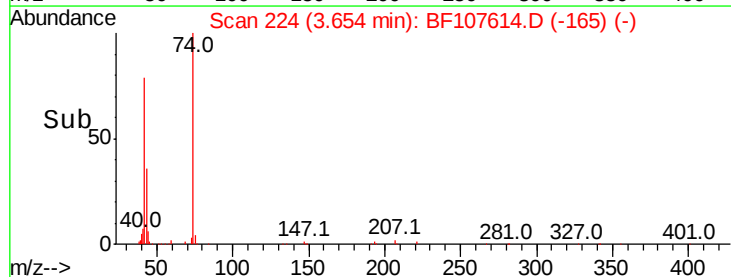
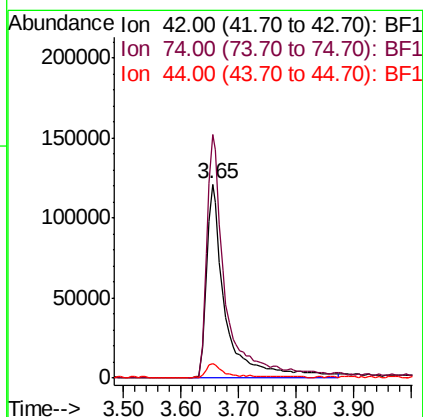
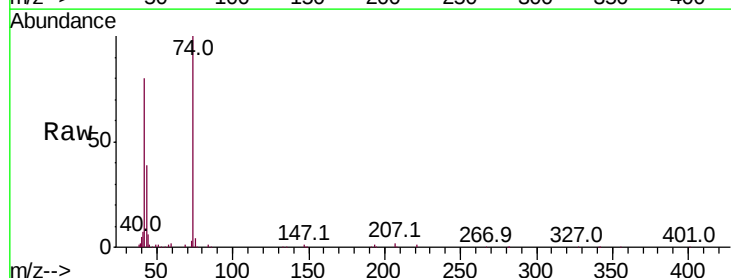
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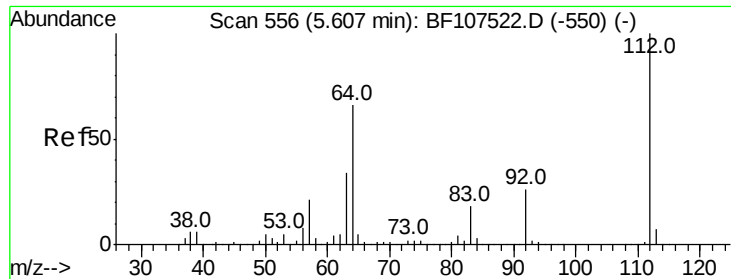
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#4
 n-Nitrosodimethylamine
 Concen: 30.973 ng
 RT: 3.65 min Scan# 224
 Delta R.T. 0.05 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	125.6	104.9	157.3
44	7.5	6.9	10.3





#5

2-Fluorophenol

Concen: 107.558 ng

RT: 5.62 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Instrument :

BNA_F

ClientSampleId :

PB111380BS

Tot Ion:112 Resp: 1807688

Ion Ratio Lower Upper

112 100

64 63.5 47.9 71.9

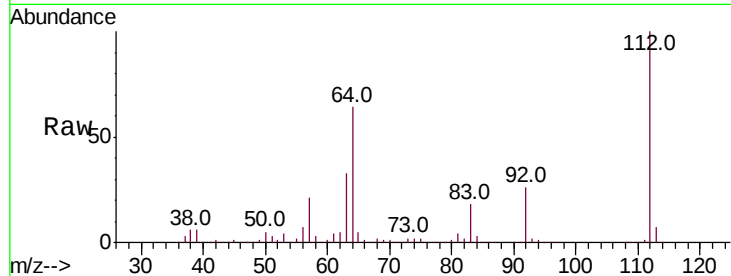
63 33.1 23.7 35.5

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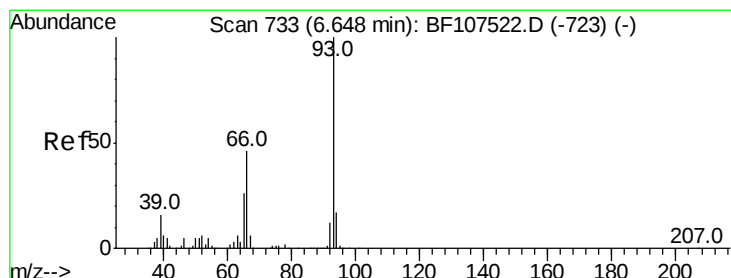
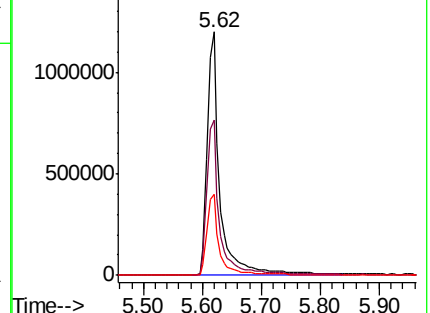
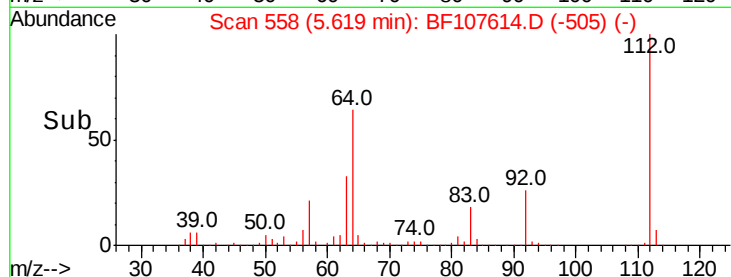
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.574 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

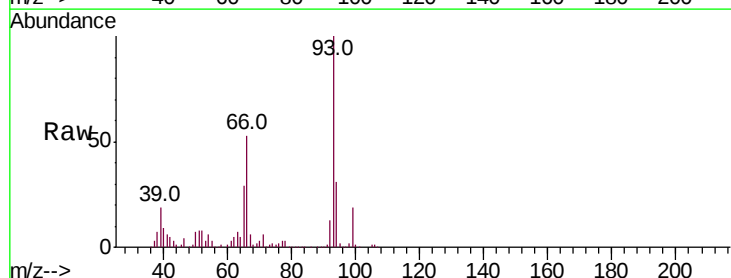
Tgt Ion: 93 Resp: 665647

Ion Ratio Lower Upper

93 100

66 53.2 32.2 48.2#

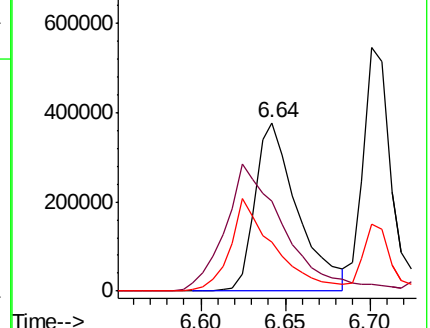
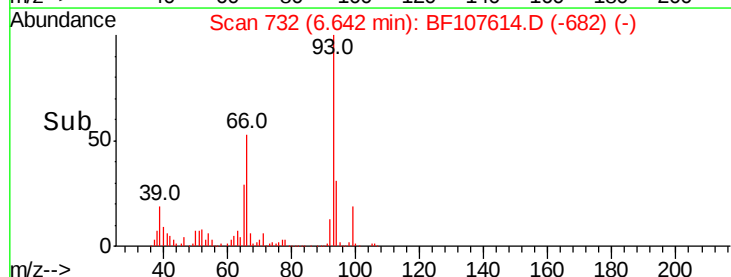
65 28.9 16.4 24.6#

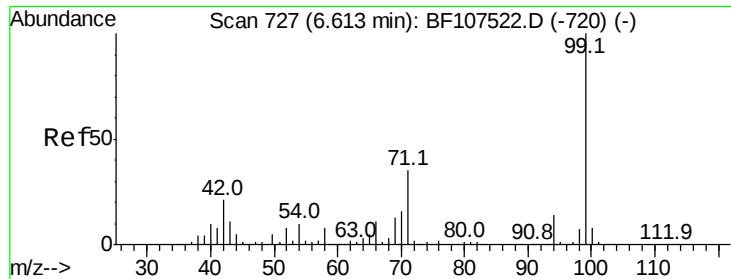


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 104.524 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Instrument :

BNA_F

ClientSampleId :

PB111380BS

Tot Ion: 99 Resp: 2109332

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

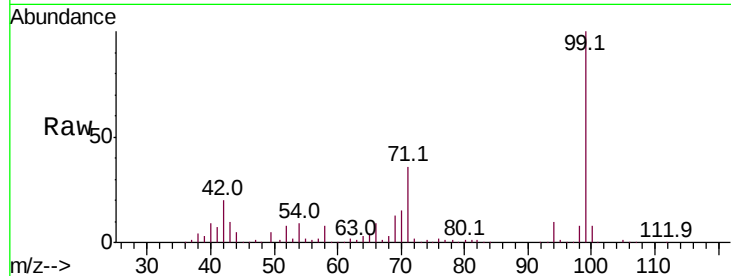
71 35.7 25.4 38.0

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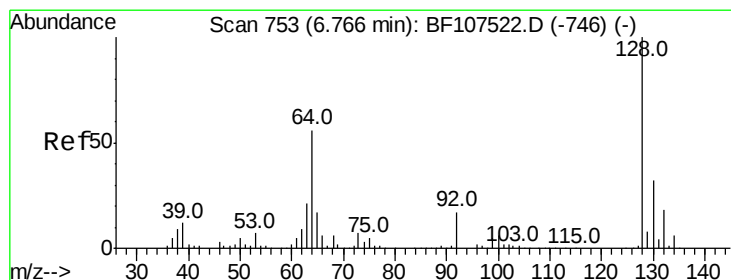
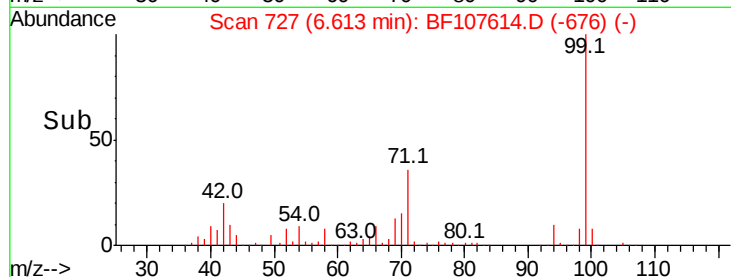
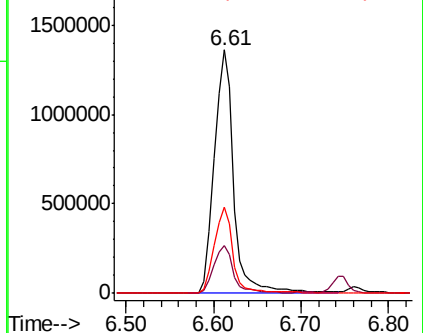
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 36.591 ng

RT: 6.76 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

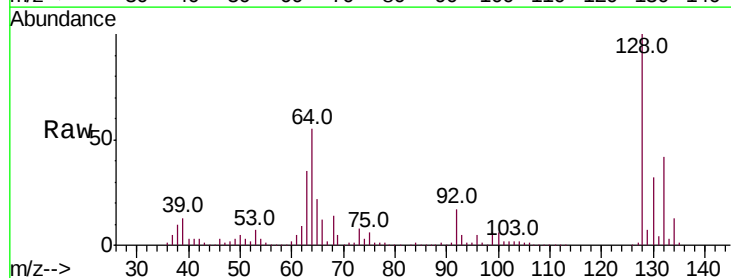
Tgt Ion:128 Resp: 658849

Ion Ratio Lower Upper

128 100

130 32.4 13.0 53.0

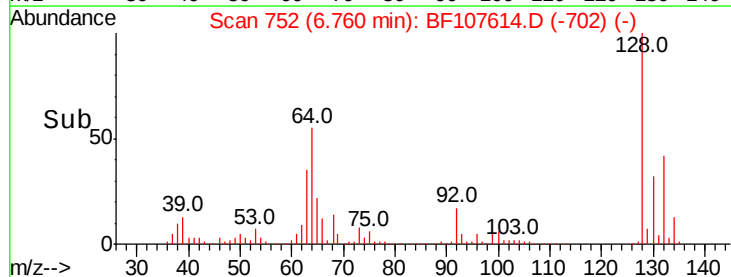
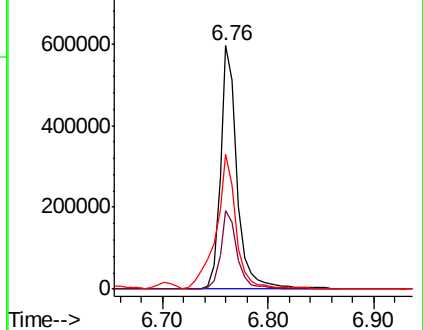
64 55.3 29.4 69.4

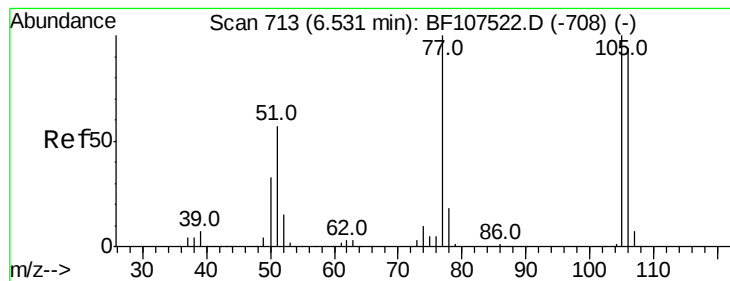


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 32.191 ng

RT: 6.52 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Instrument :

BNA_F

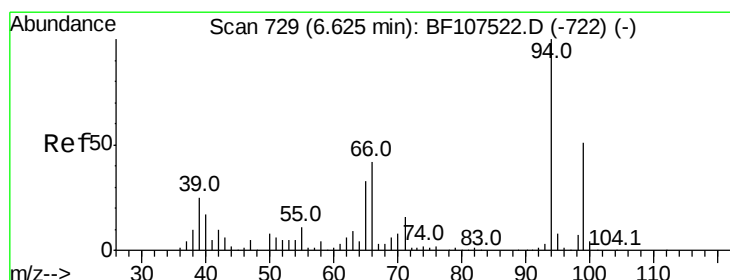
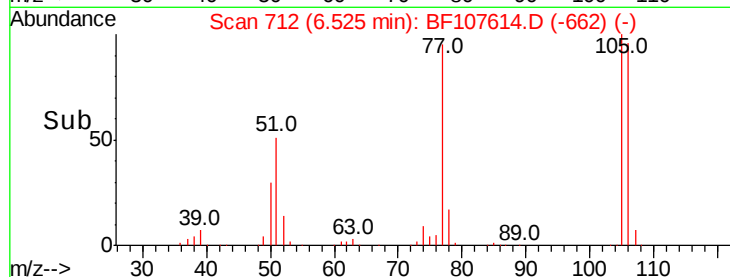
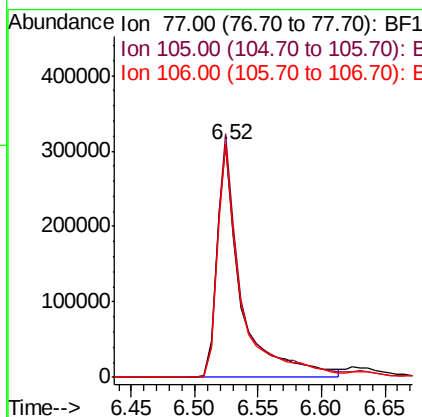
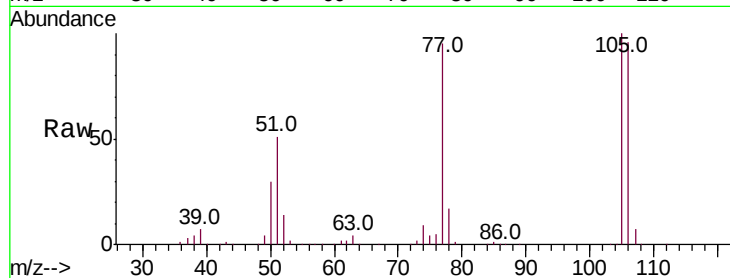
ClientSampleId :

PB111380BS

Tot Ion:	77	Resp:	413867
Ion	Ratio	Lower	Upper
77	100		
105	104.8	81.1	121.1
106	100.6	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 32.563 ng

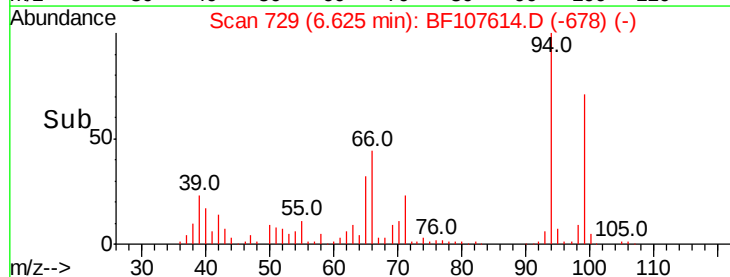
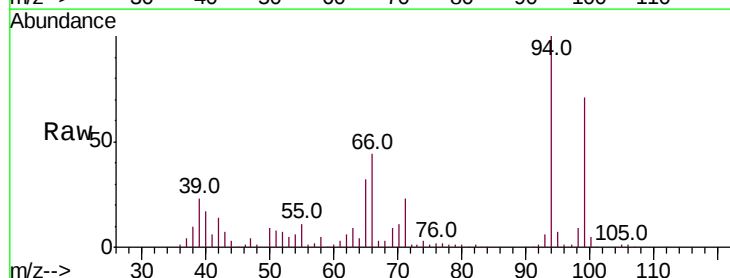
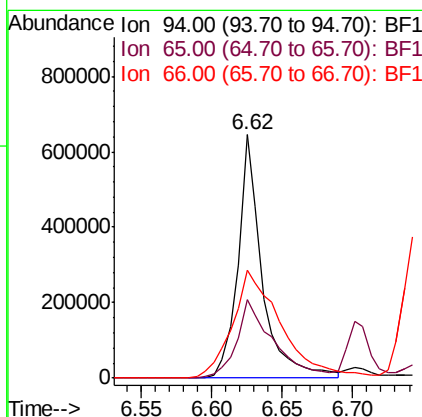
RT: 6.62 min Scan# 729

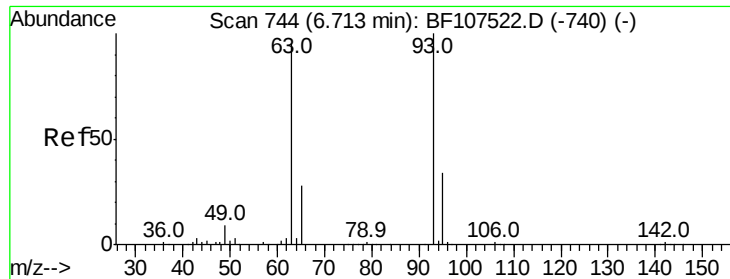
Delta R.T. -0.00 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Tgt Ion:	94	Resp:	772839
Ion	Ratio	Lower	Upper
94	100		
65	32.2	7.9	47.9
66	44.4	16.2	56.2





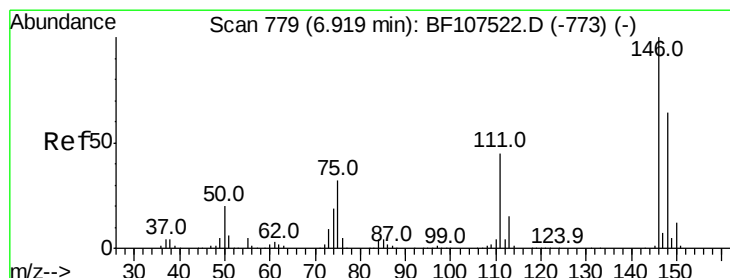
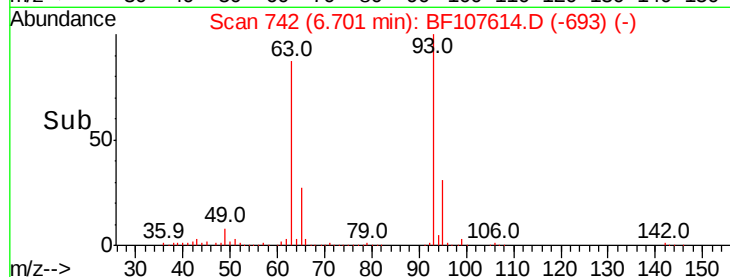
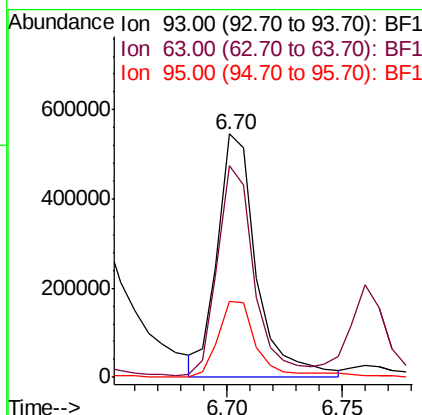
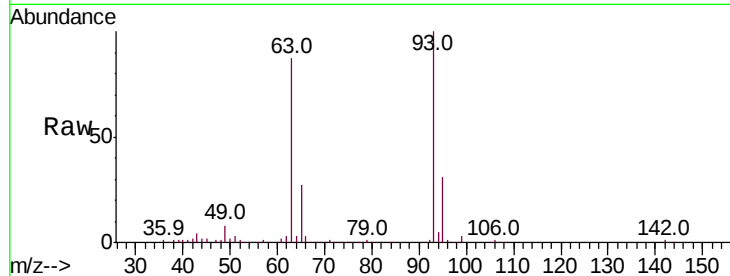
#11
bis(2-Chloroethyl)ether
Concen: 32.663 ng
RT: 6.70 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Instrument :
BNA_F
ClientSampleId :
PB111380BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.8	58.6	98.6
95	31.3	11.8	51.8

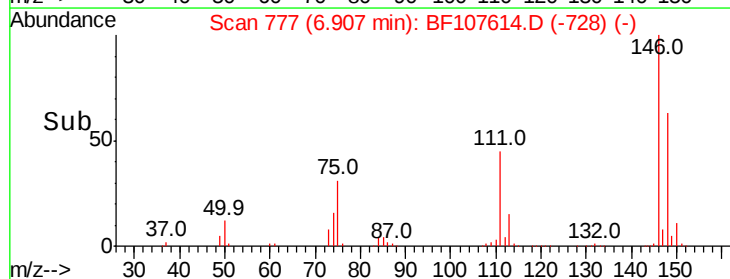
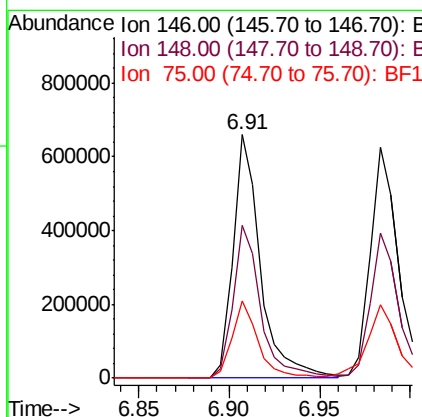
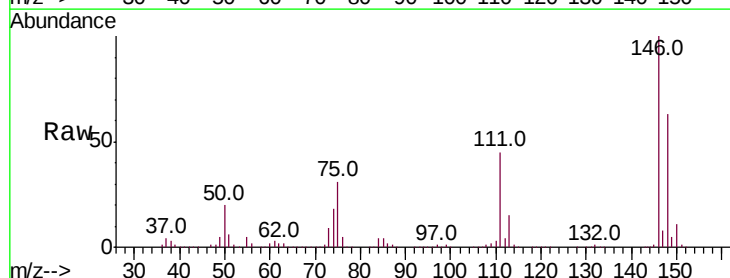
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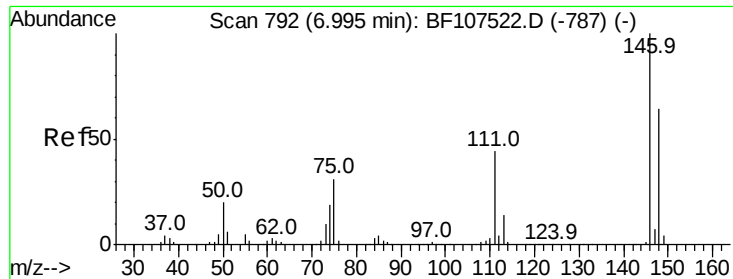
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#12
1,3-Dichlorobenzene
Concen: 34.101 ng
RT: 6.91 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.8	77.8
75	31.5	24.2	36.4





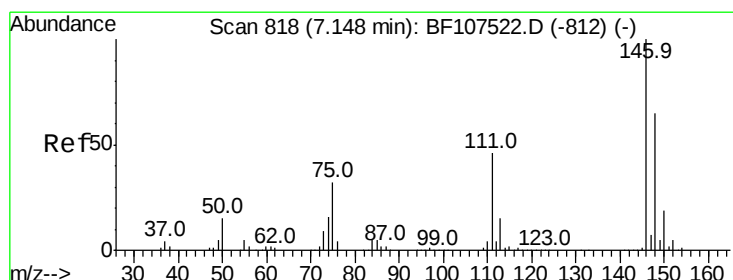
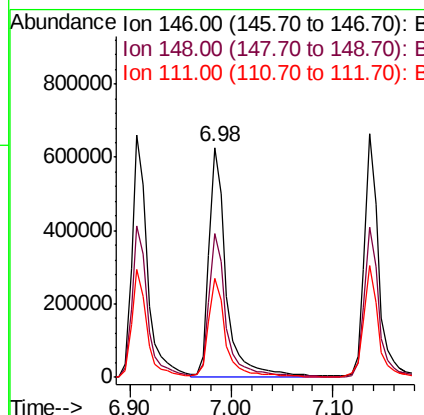
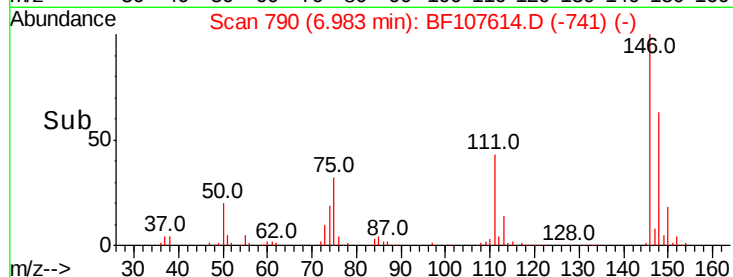
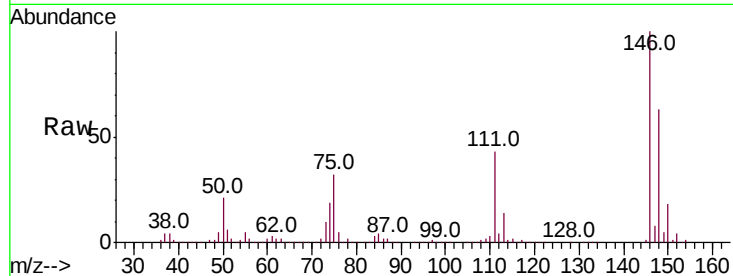
#13
 1,4-Dichlorobenzene
 Concen: 35.714 ng
 RT: 6.98 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB111380BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.8	76.2
111	43.2	34.2	51.2

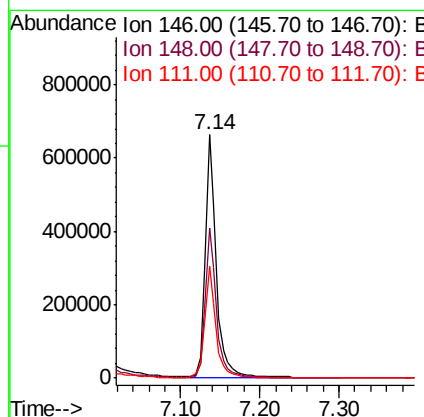
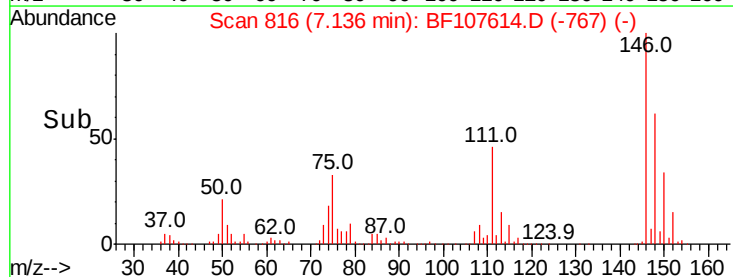
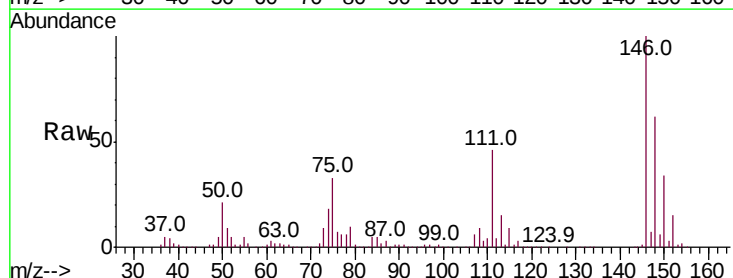
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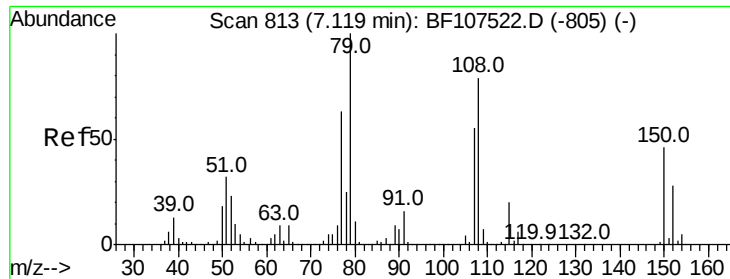
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#14
 1,2-Dichlorobenzene
 Concen: 35.149 ng
 RT: 7.14 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	50.6	75.8
111	46.0	36.0	54.0





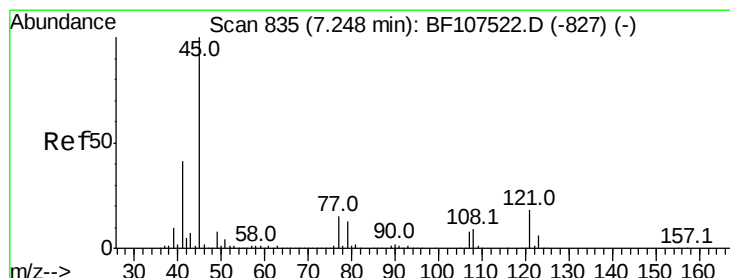
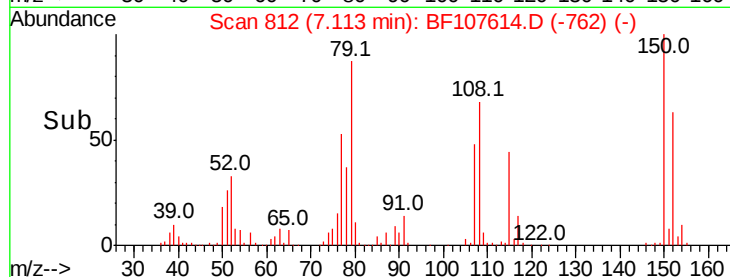
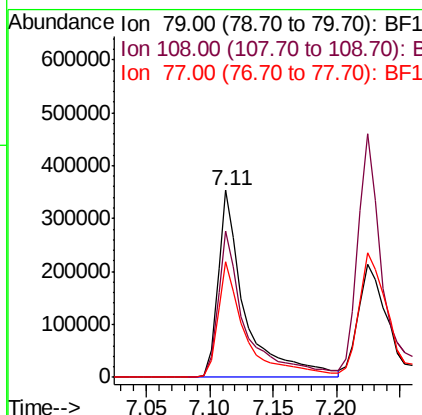
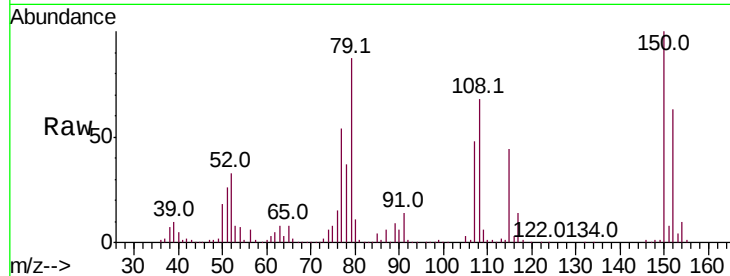
#15
Benzyl Alcohol
Concen: 38.424 ng
RT: 7.11 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Instrument :
BNA_F
ClientSampleId :
PB111380BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.2	65.1	97.7
77	61.8	50.6	75.8

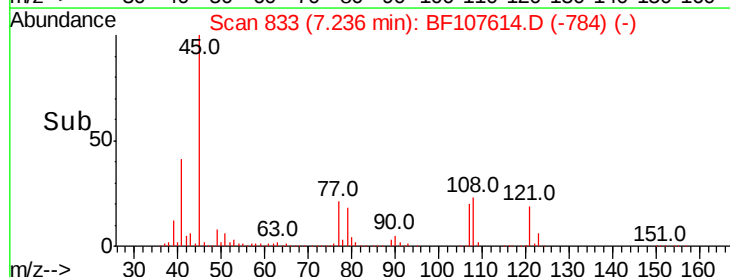
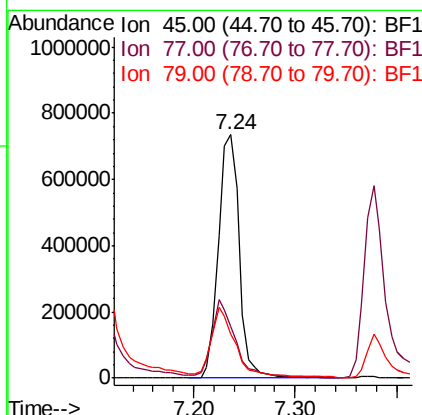
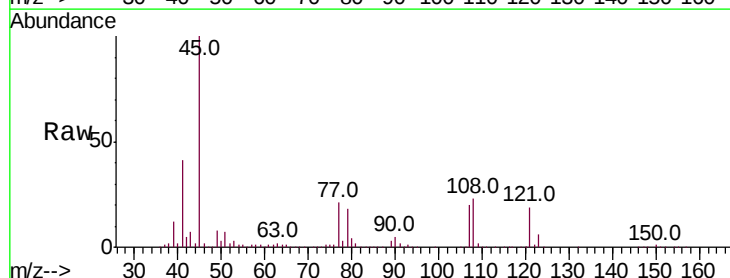
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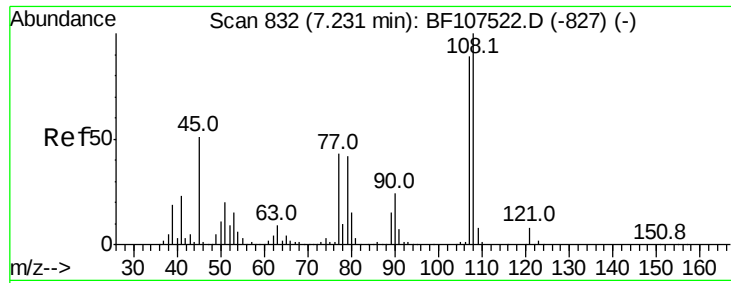
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.915 ng
RT: 7.24 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.4	0.0	32.9
79	17.8	0.0	29.6





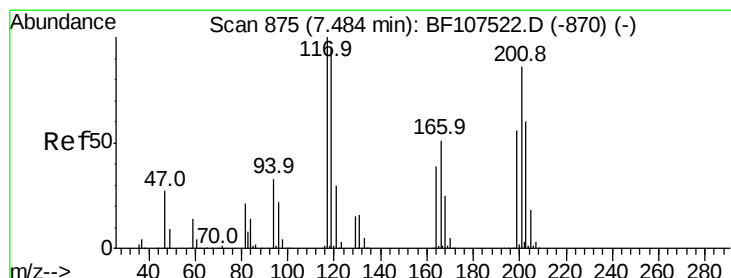
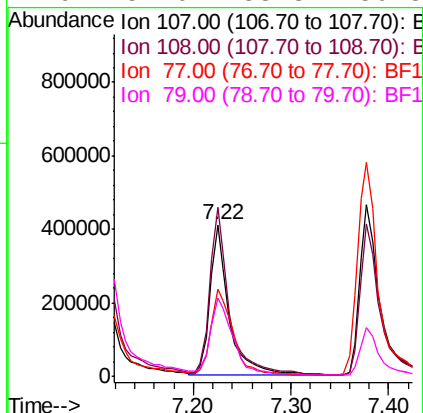
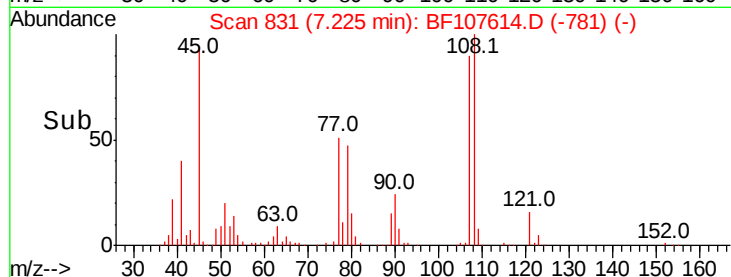
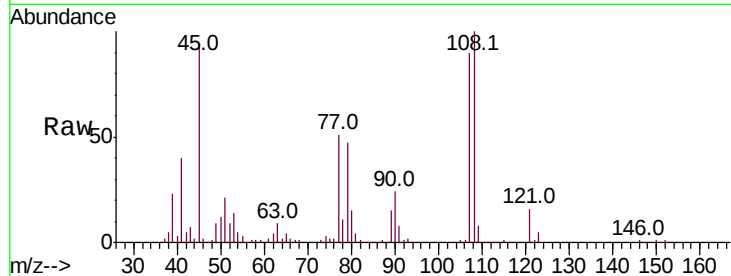
#17
2-Methylphenol
Concen: 36.581 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Instrument :
BNA_F
ClientSampleId :
PB111380BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.5	91.7	137.5
77	57.1	33.8	50.8#
79	52.0	33.8	50.8#

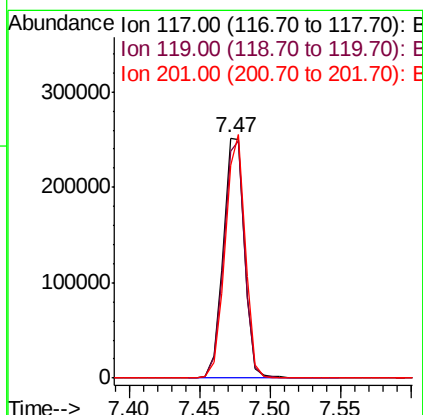
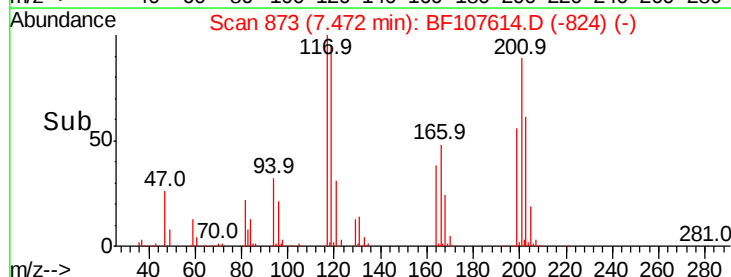
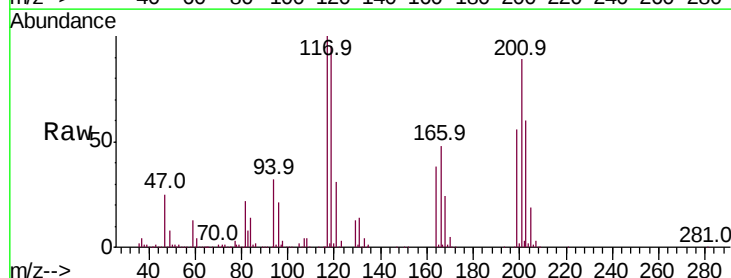
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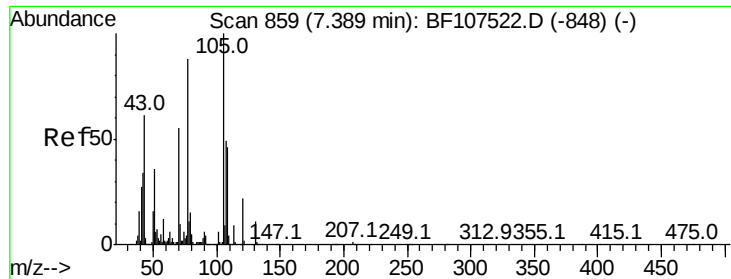
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#18
Hexachloroethane
Concen: 35.715 ng
RT: 7.47 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.8	113.8
201	89.0	75.7	113.5





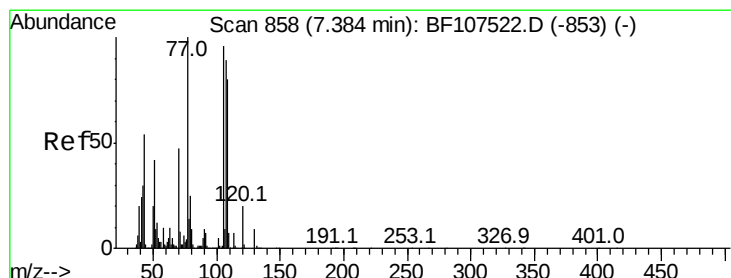
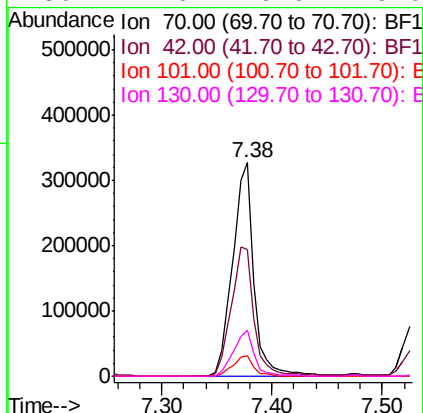
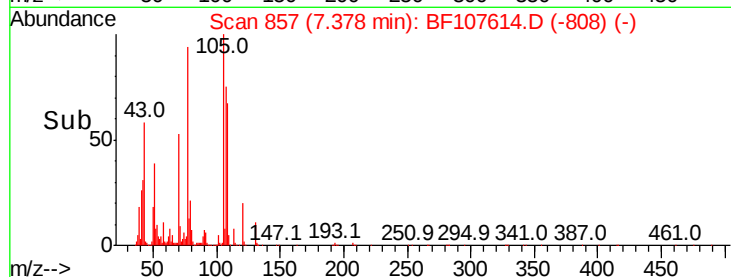
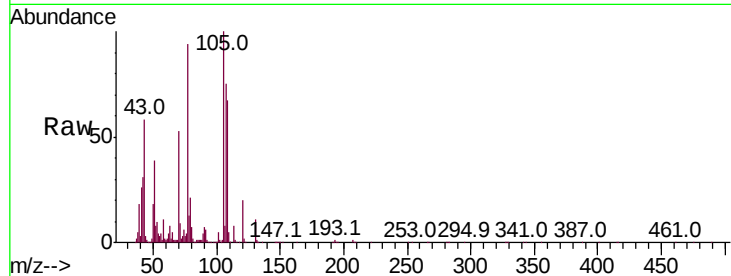
#19
n-Nitroso-di-n-propylamine
Concen: 34.223 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Instrument :
BNA_F
ClientSampleId :
PB111380BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.2	47.5	71.3
101	9.9	7.4	11.2
130	21.6	16.6	25.0

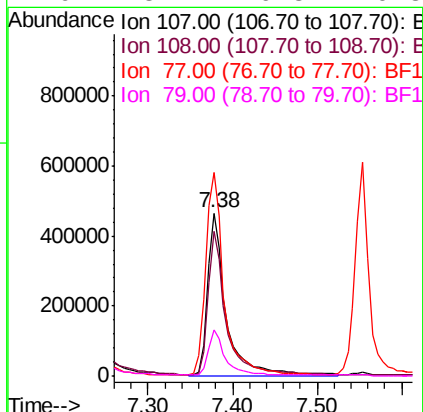
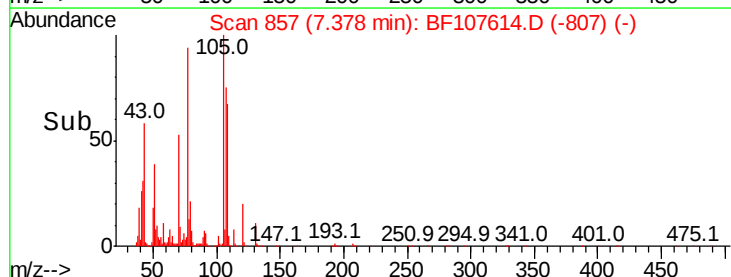
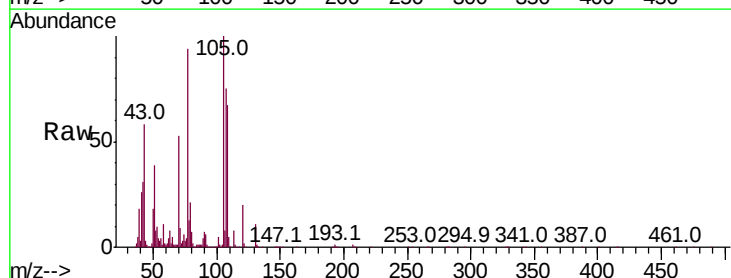
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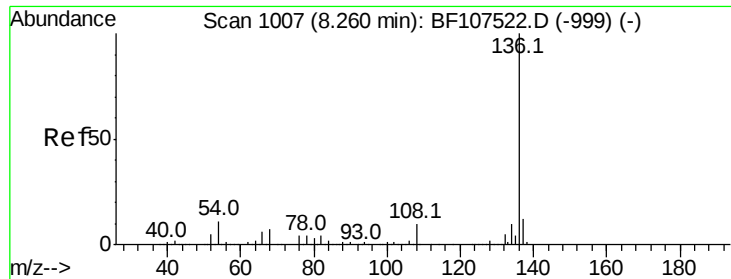
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#20
3+4-Methylphenols
Concen: 39.234 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	68.2	108.2
77	124.7	26.7	66.7#
79	28.2	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Instrument :

BNA_F

ClientSampled :

PB111380BS

Tot Ion:136 Resp: 1059782

Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.0 6.6 9.8

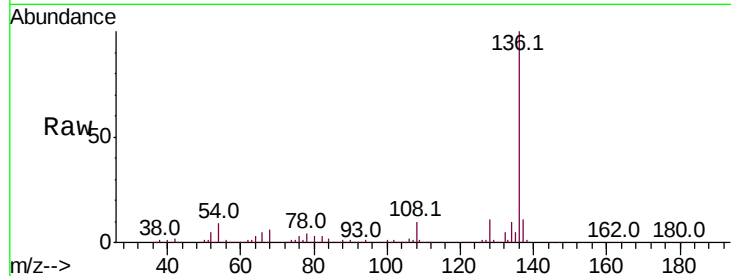
68 5.7 5.0 7.4

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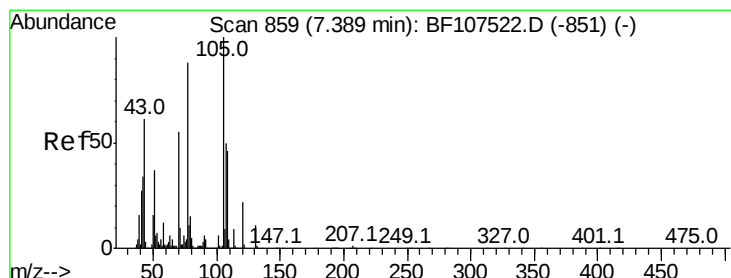
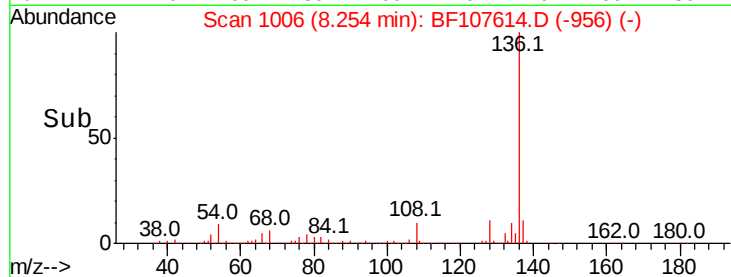
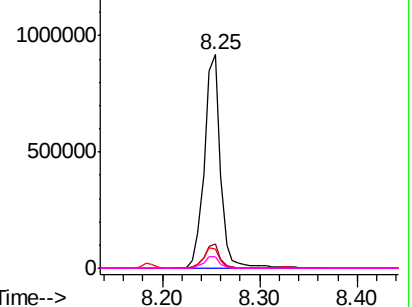


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.502 ng

RT: 7.38 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Tgt Ion:105 Resp: 933394

Ion Ratio Lower Upper

105 100

71 8.7 4.4 6.6#

51 39.2 22.3 33.5#

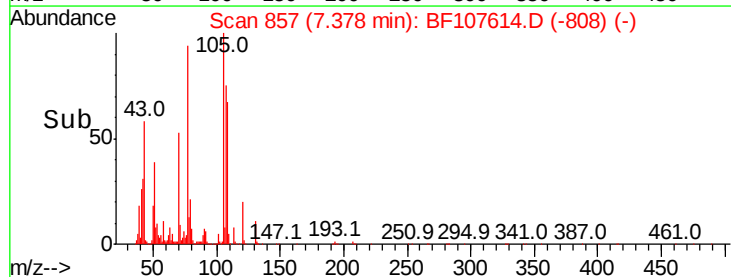
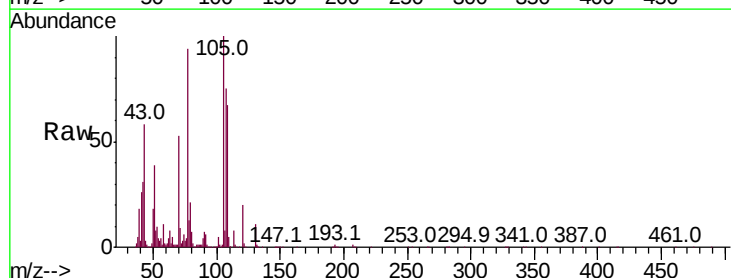
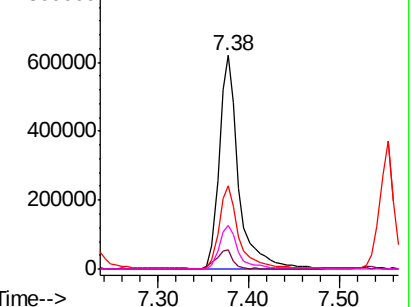
120 20.3 16.9 25.3

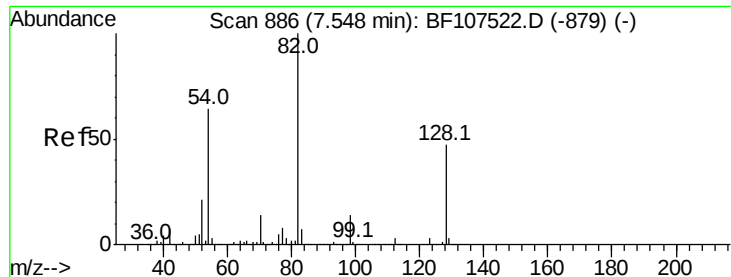
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





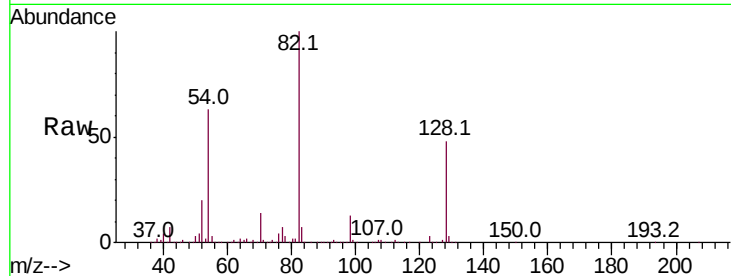
#23
Nitrobenzene-d5
Concen: 88.005 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Instrument :
BNA_F
ClientSampled :
PB111380BS

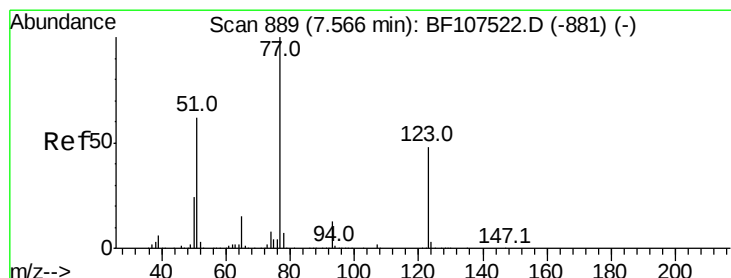
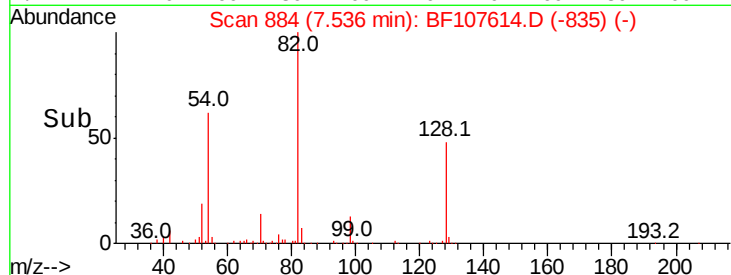
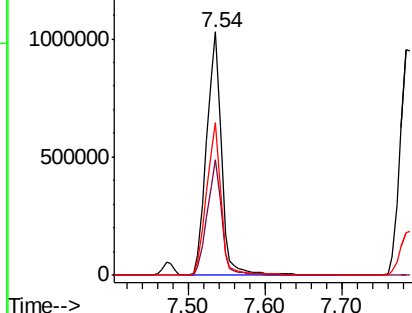
Tot Ion: 82 Resp: 1381980
Ion Ratio Lower Upper
82 100
128 47.5 36.1 54.1
54 62.6 41.4 62.2#

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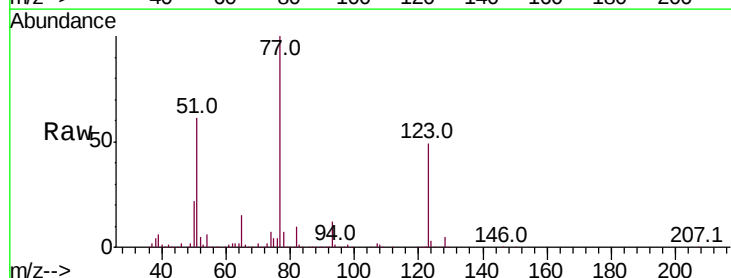


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

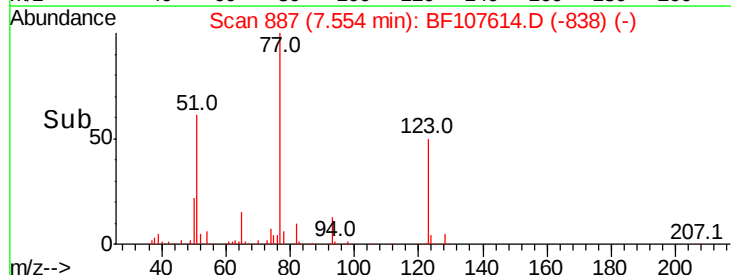
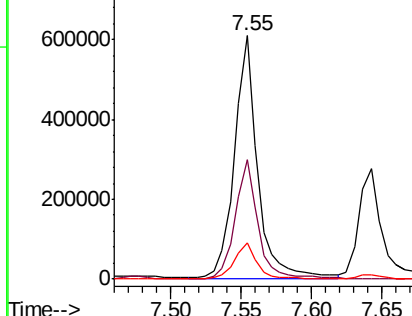


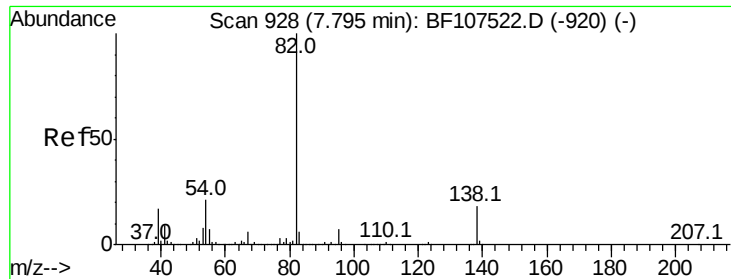
#24
Nitrobenzene
Concen: 38.525 ng
RT: 7.55 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Tgt Ion: 77 Resp: 692925
Ion Ratio Lower Upper
77 100
123 49.1 37.9 56.9
65 15.1 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.003 ng

RT: 7.78 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Instrument :

BNA_F

ClientSampleId :

PB111380BS

Tot Ion: 82 Resp: 1274213

Ion Ratio Lower Upper

82 100

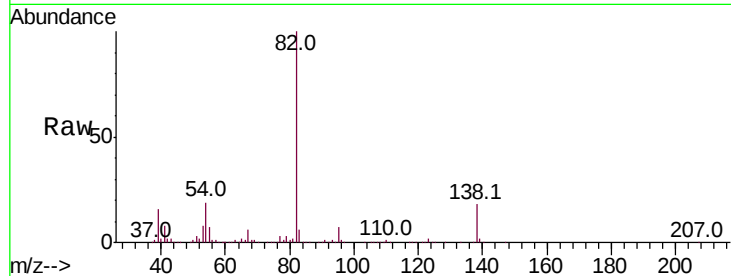
95 7.0 5.2 7.8

138 18.4 14.9 22.3

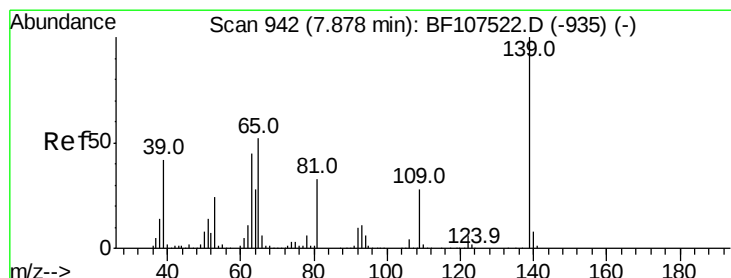
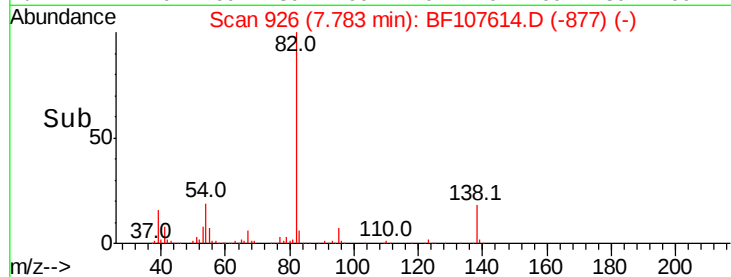
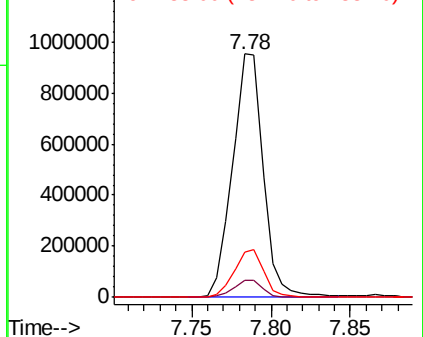
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 51.016 ng

RT: 7.87 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

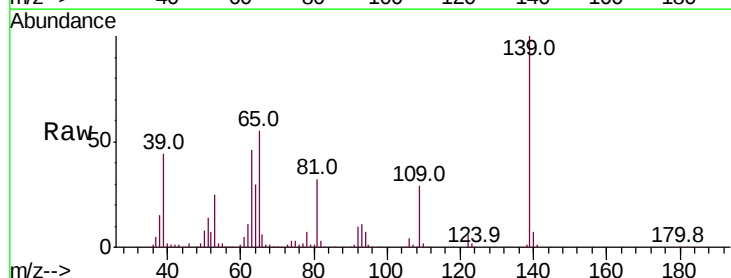
Tgt Ion: 139 Resp: 387487

Ion Ratio Lower Upper

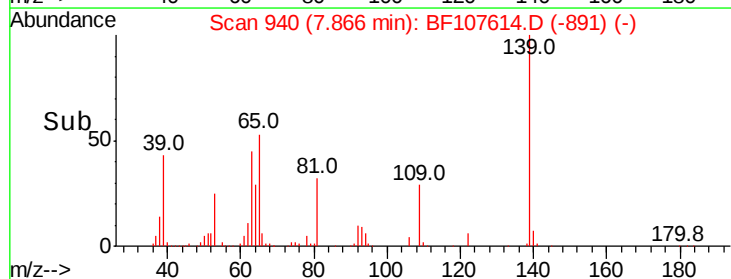
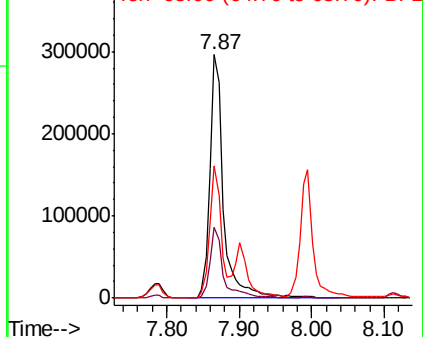
139 100

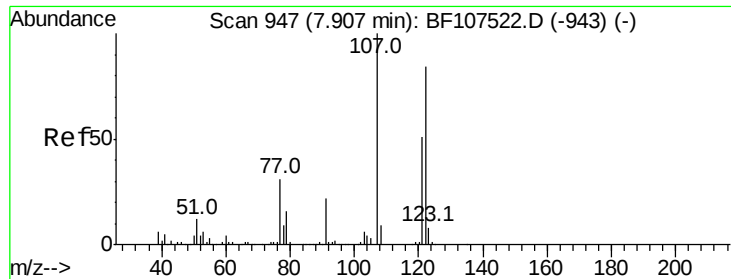
109 29.0 22.7 34.1

65 54.5 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





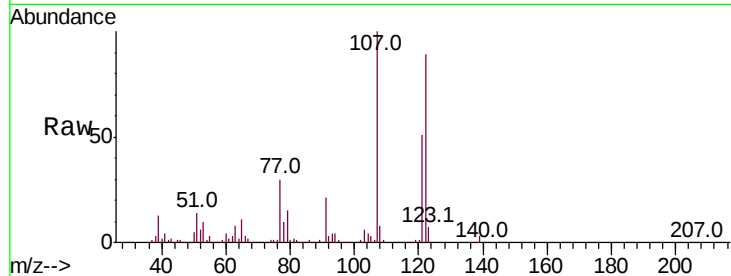
#27
2,4-Dimethylphenol
Concen: 42.288 ng
RT: 7.90 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Instrument :
BNA_F
ClientSampleId :
PB111380BS

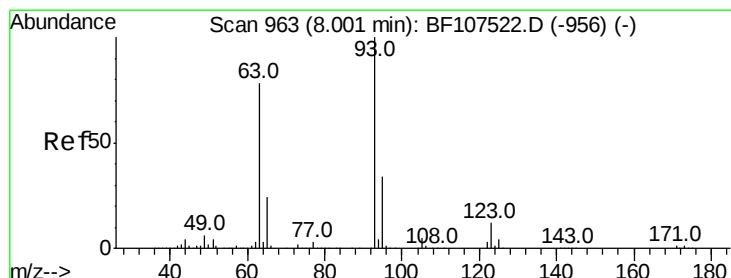
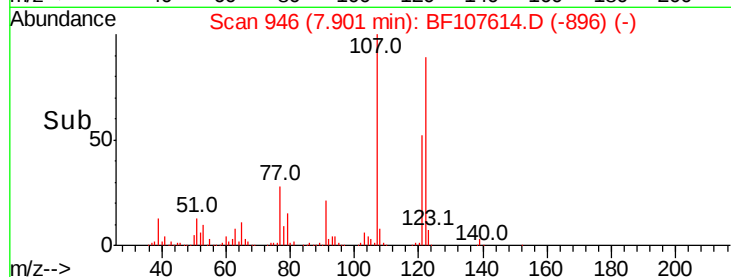
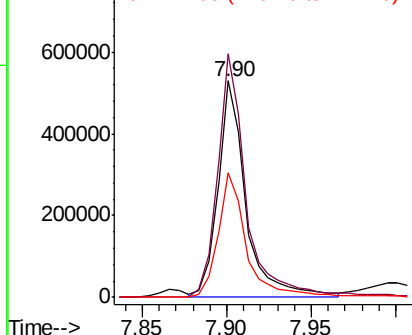
Tot Ion	Ratio	Resp	Lower	Upper
122	100	607984		
107	112.4	91.2	136.8	
121	57.7	47.2	70.8	

Manual Integrations
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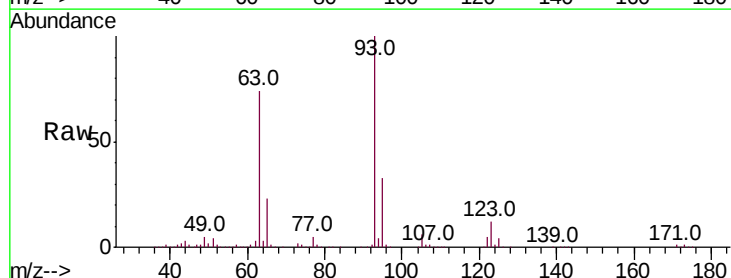


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

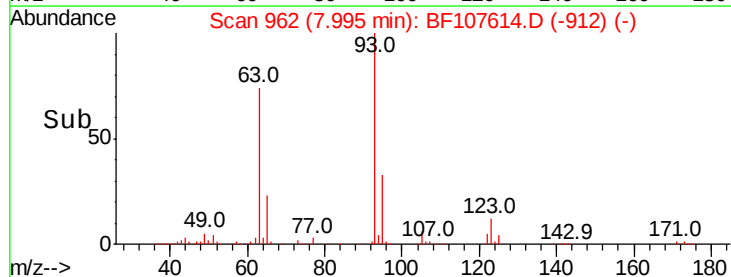
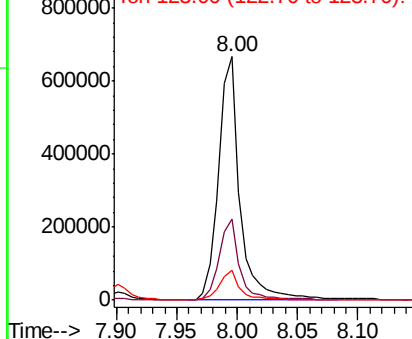


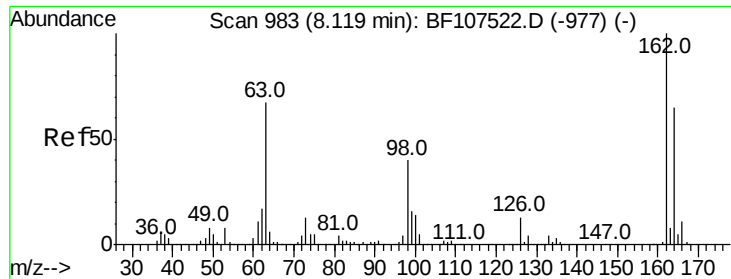
#28
bis(2-Chloroethoxy)methane
Concen: 36.130 ng
RT: 8.00 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	809571		
95	33.1	26.3	39.5	
123	12.4	9.8	14.6	



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





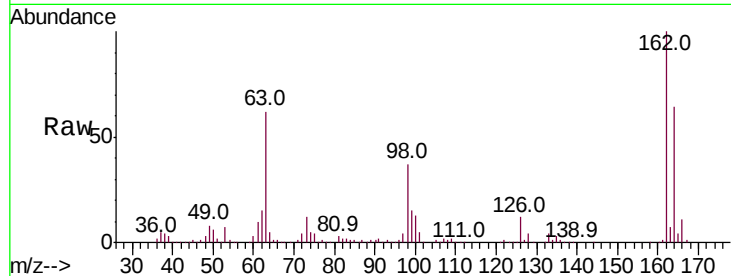
#29
2,4-Dichlorophenol
Concen: 40.308 ng
RT: 8.11 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Instrument :
BNA_F
ClientSampleId :
PB111380BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	592331		
164	63.7	42.7	82.7	
98	37.3	18.1	58.1	

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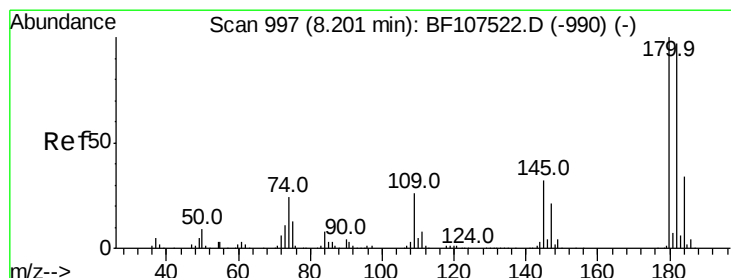
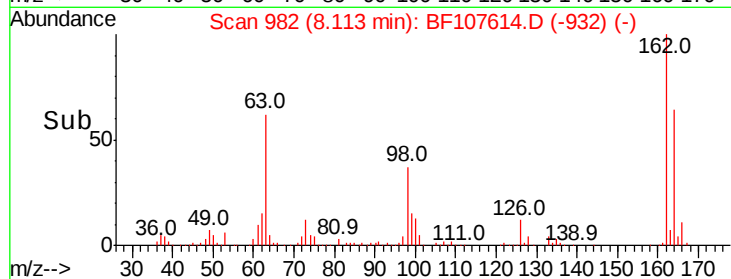
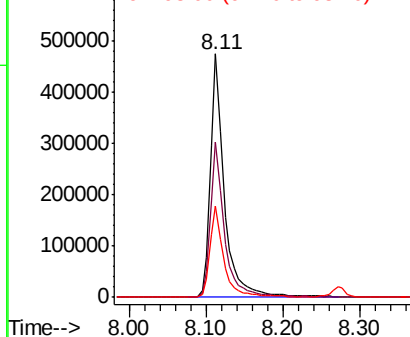


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 36.347 ng
RT: 8.19 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

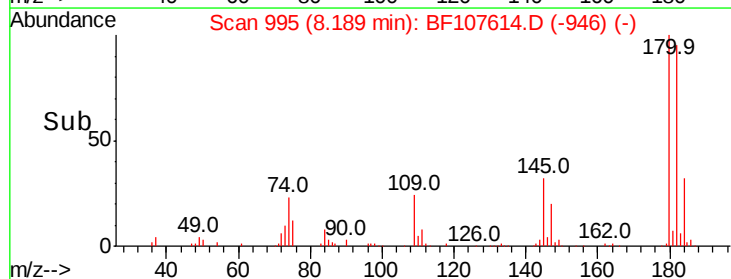
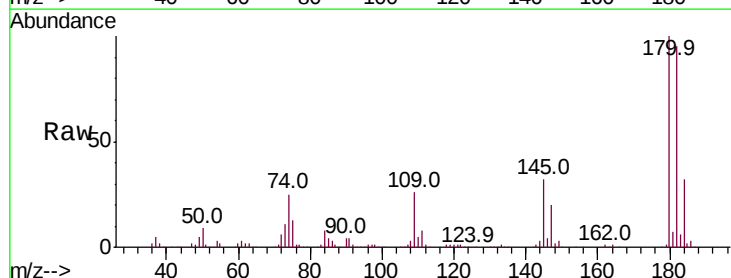
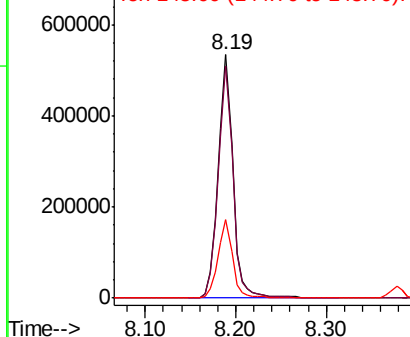
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	599895		
182	95.1	76.8	115.2	
145	32.1	26.5	39.7	

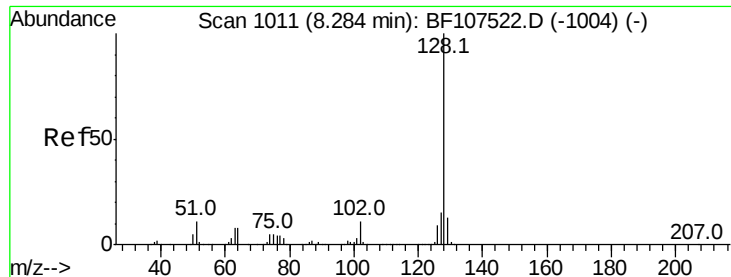
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





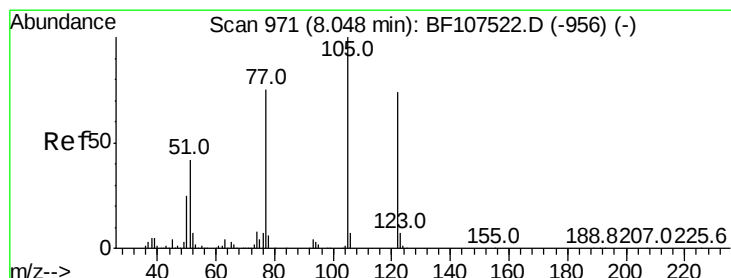
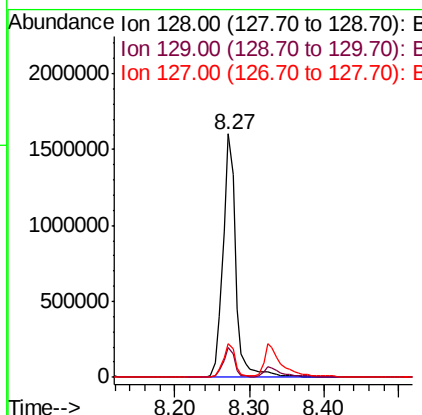
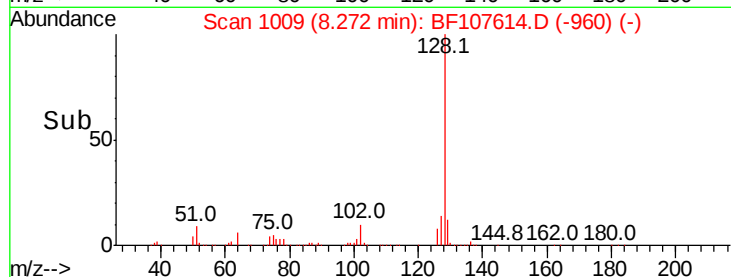
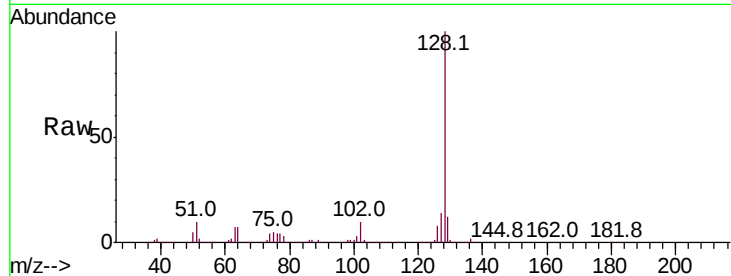
#31
Naphthalene
Concen: 41.217 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Instrument :
BNA_F
ClientSampleId :
PB111380BS

Tot Ion:128 Resp: 1920825
Ion Ratio Lower Upper
128 100
129 12.2 8.8 13.2
127 14.1 10.9 16.3

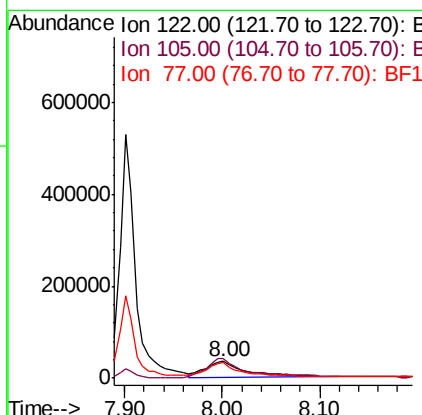
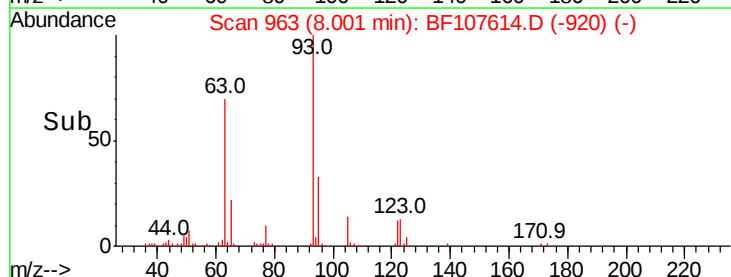
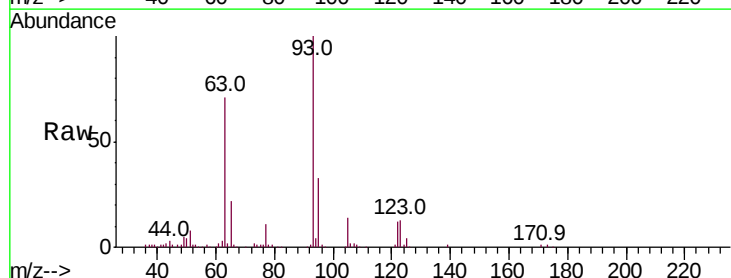
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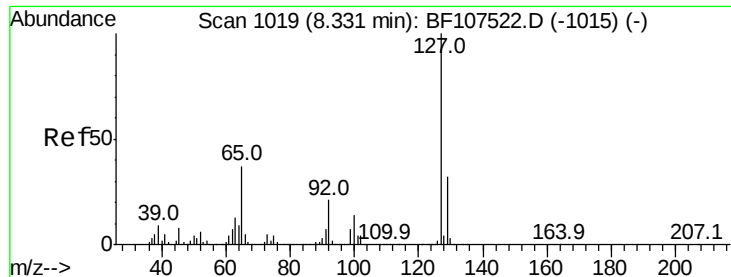
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#32
Benzoic acid
Concen: 16.384 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.05 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Tgt Ion:122 Resp: 101932
Ion Ratio Lower Upper
122 100
105 114.0 101.1 141.1
77 91.7 70.7 110.7





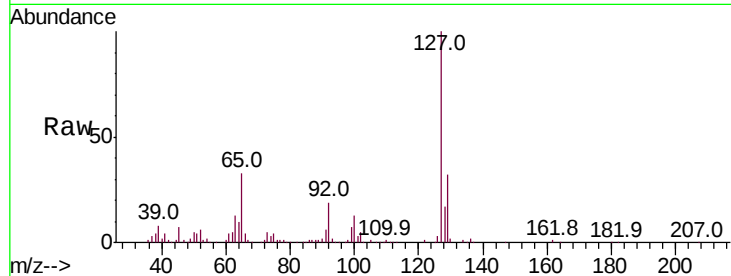
#33
4-Chloroaniline
Concen: 17.972 ng
RT: 8.32 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Instrument :
BNA_F
ClientSampleId :
PB111380BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	25.9	38.9	
65	32.8	25.0	37.4	
92	18.8	15.2	22.8	

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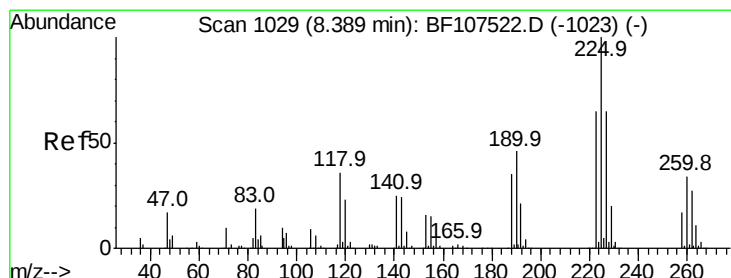
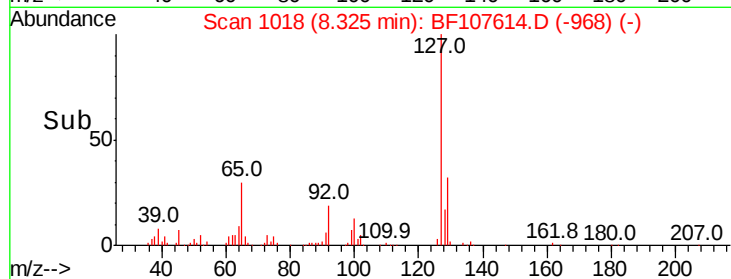
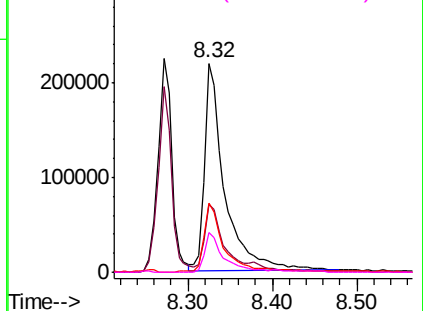
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

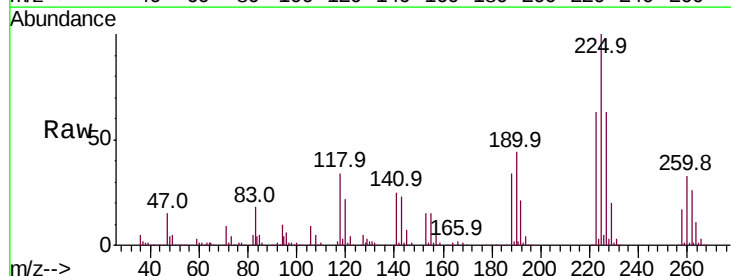
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 36.200 ng
RT: 8.38 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.5	50.6	76.0	
227	63.3	51.9	77.9	

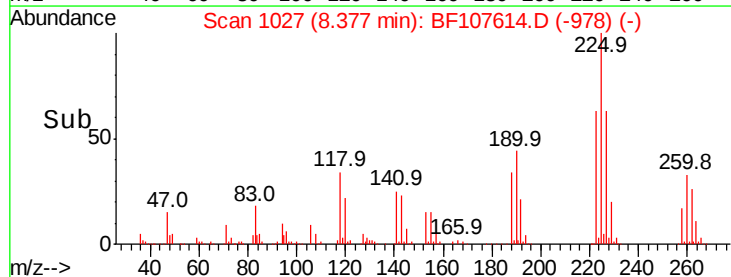
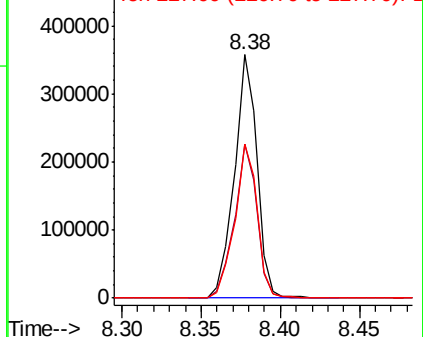


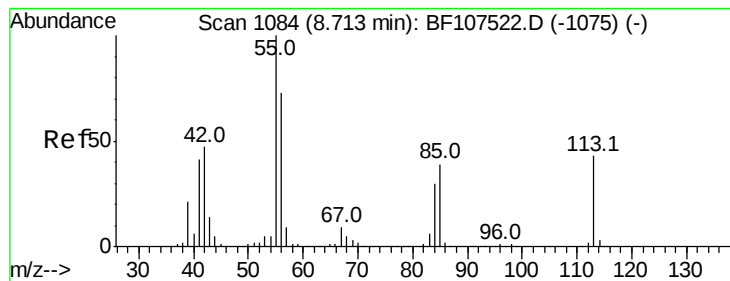
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.347 ng/mL

RT: 8.70 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Instrument :

BNA_F

ClientSampleID :

PB111380BS

Tot Ion:113 Resp: 202409

Ion Ratio Lower Upper

113 100

55 212.6 163.3 203.3#

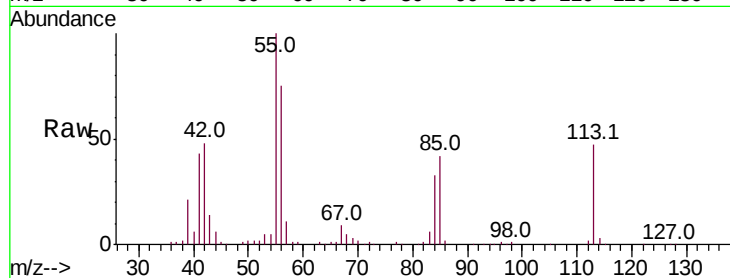
56 160.3 115.7 155.7#

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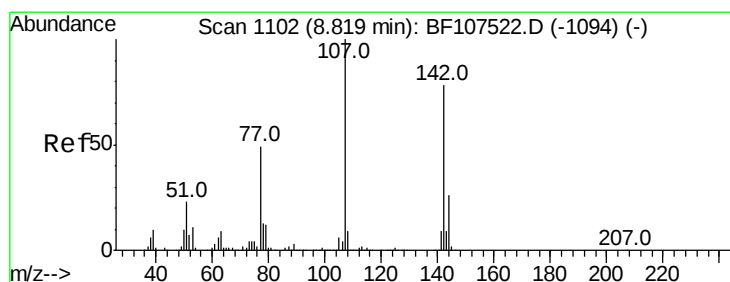
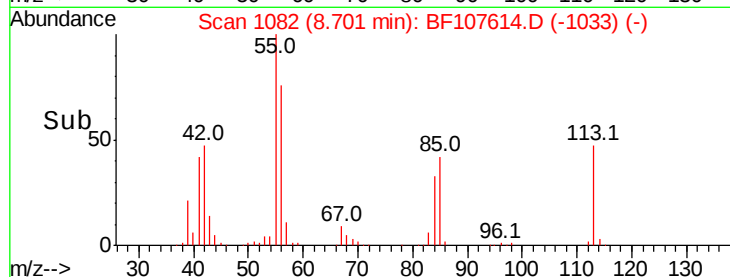
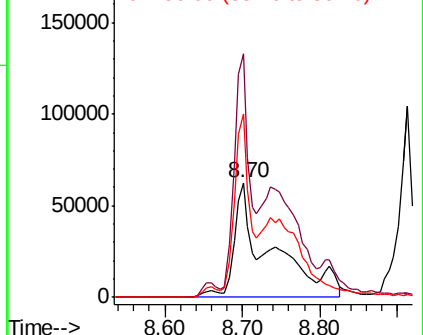
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.313 ng/mL

RT: 8.81 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

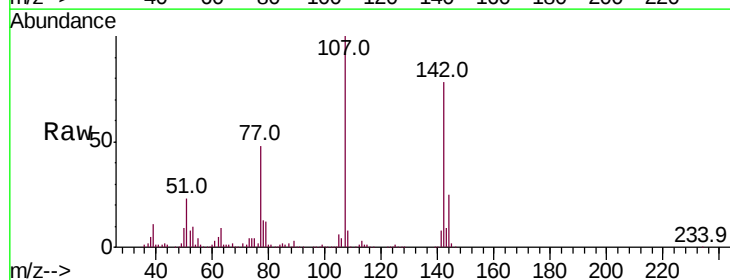
Tgt Ion:107 Resp: 658058

Ion Ratio Lower Upper

107 100

144 24.8 20.5 30.7

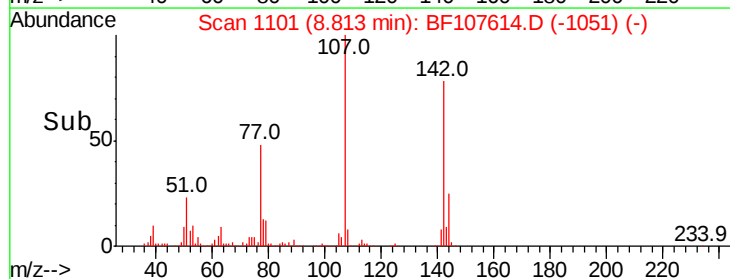
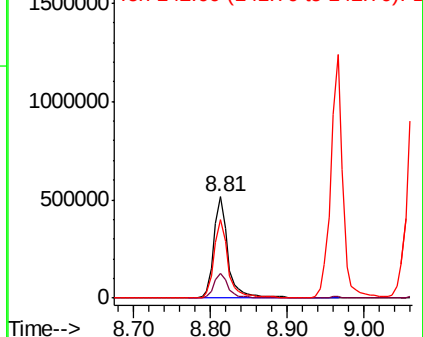
142 78.3 62.0 93.0

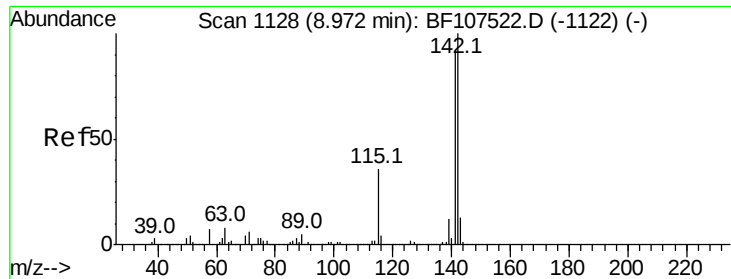


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





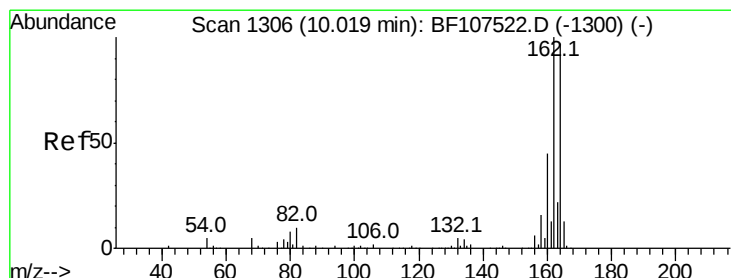
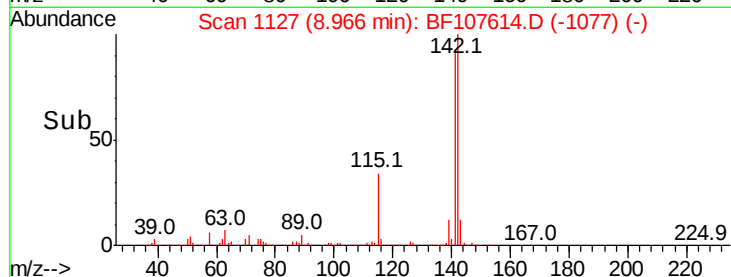
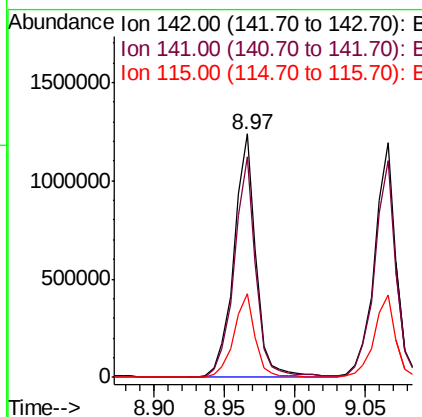
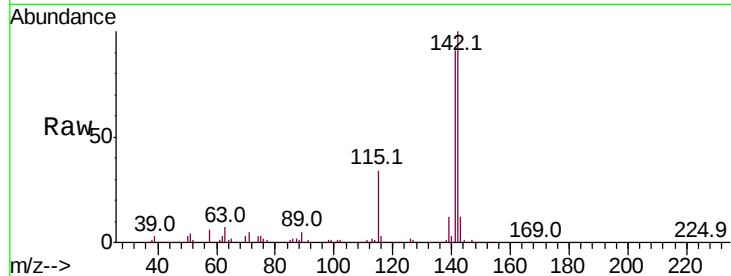
#37
2-Methylnaphthalene
Concen: 41.763 ng
RT: 8.97 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Instrument :
BNA_F
ClientSampleId :
PB111380BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	70.8	106.2
115	34.2	26.1	39.1

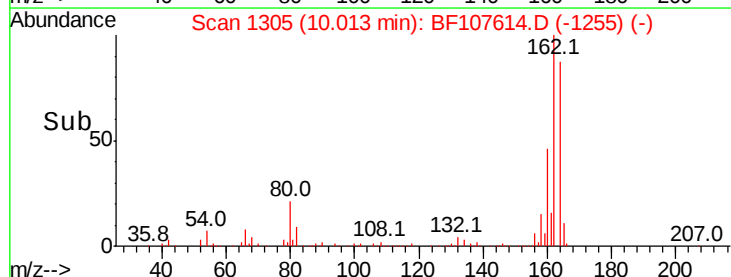
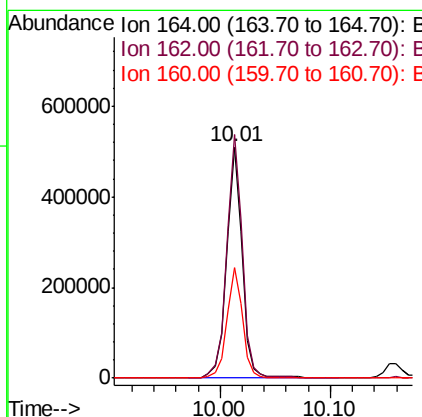
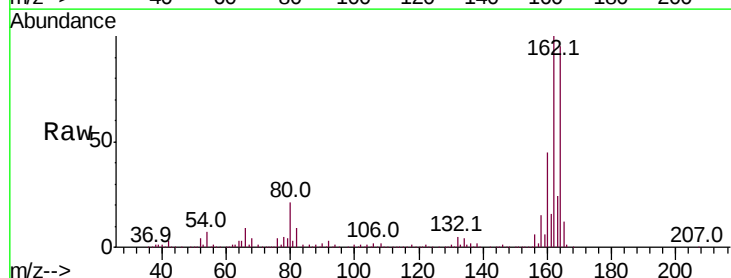
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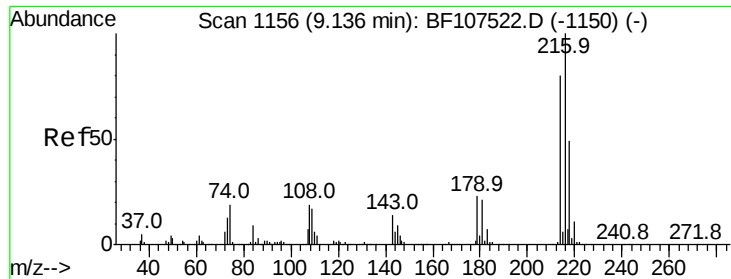
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	47.7	38.3	57.5





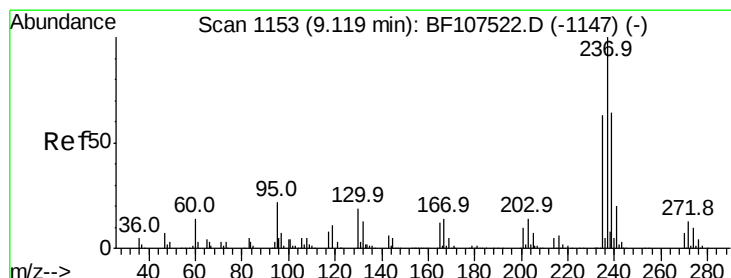
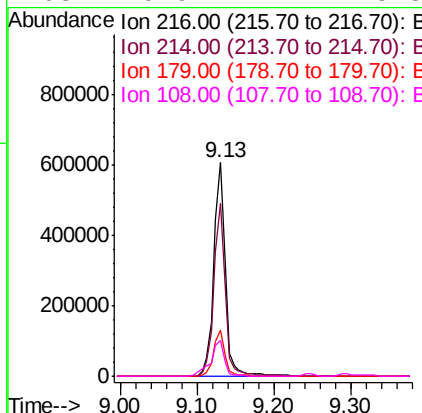
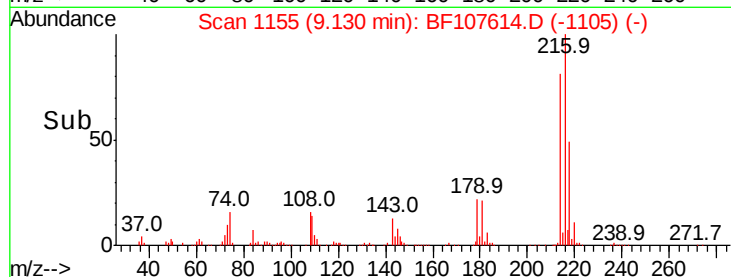
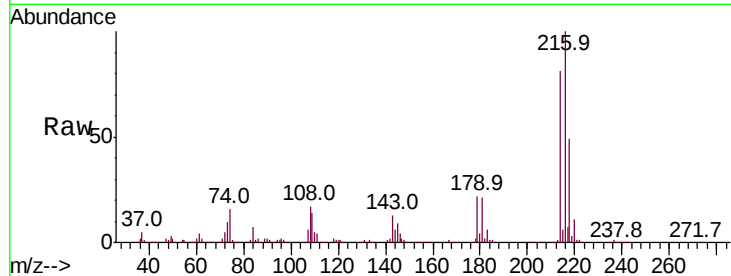
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.898 ng
 RT: 9.13 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB111380BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	617986		
214	79.9	63.0	94.4	
179	21.4	18.1	27.1	
108	19.9	17.2	25.8	

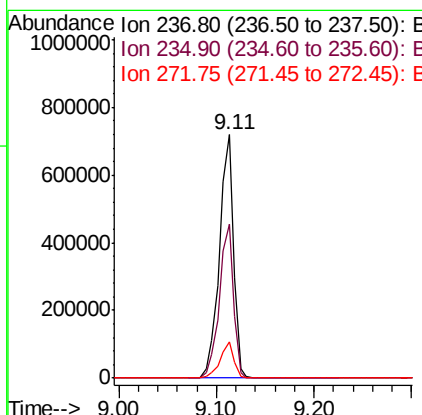
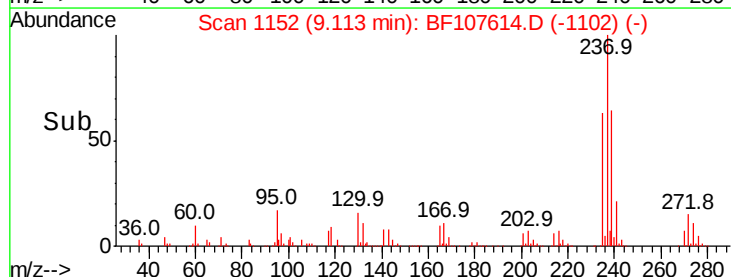
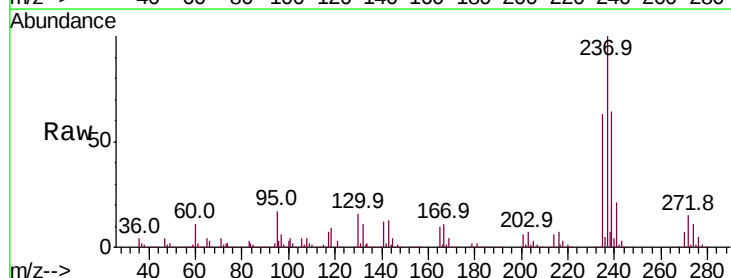
Manual Integrations
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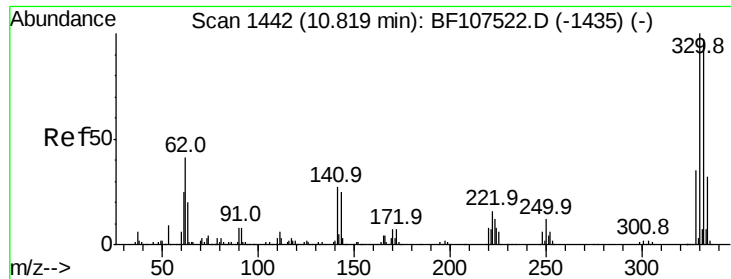
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#40
 Hexachlorocyclopentadiene
 Concen: 85.287 ng
 RT: 9.11 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	726125		
235	63.2	44.8	84.8	
272	14.8	0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 129.596 ng

RT: 10.81 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Instrument :

BNA_F

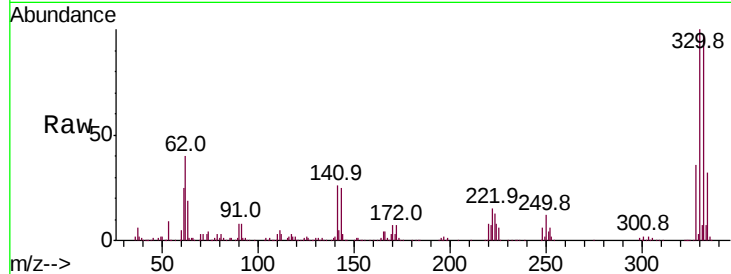
ClientSampleId :

PB111380BS

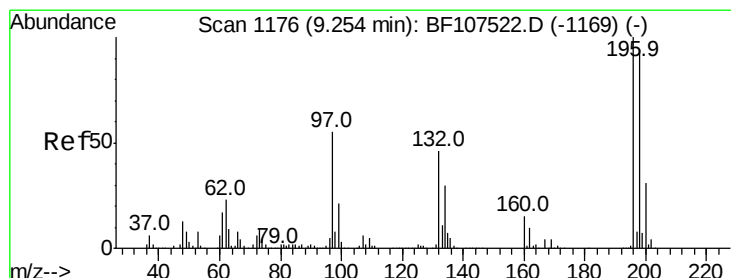
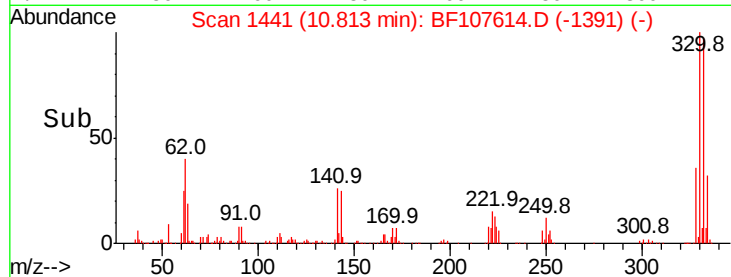
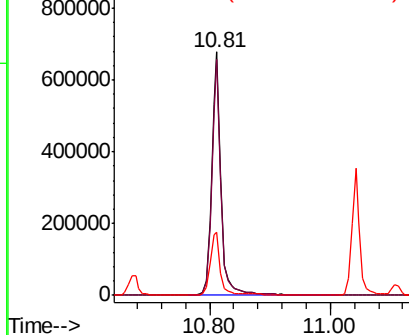
Tot Ion:	330	Resp:	740005
Ion Ratio	Lower	Upper	
330	100		
332	95.5	77.0	115.6
141	28.0	29.9	44.9#

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



#42

2,4,6-Trichlorophenol

Concen: 39.457 ng

RT: 9.25 min Scan# 1175

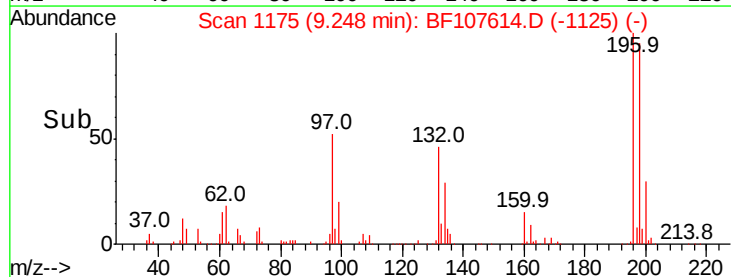
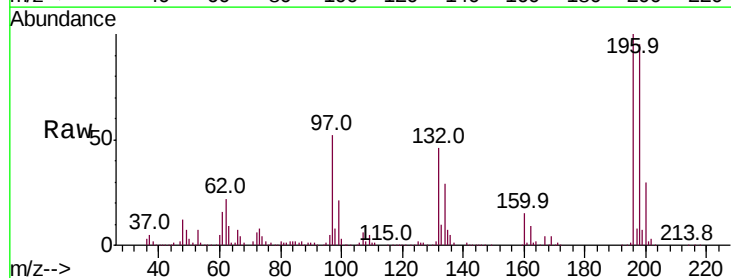
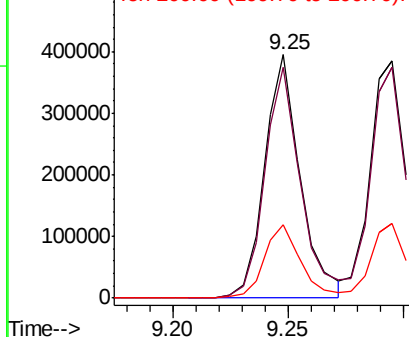
Delta R.T. -0.01 min

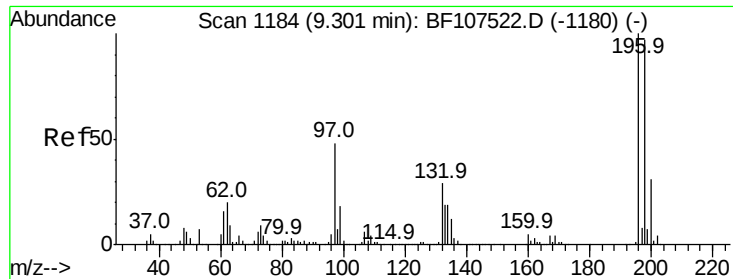
Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Tgt Ion:	196	Resp:	422999
Ion Ratio	Lower	Upper	
196	100		
198	94.9	75.7	113.5
200	29.9	24.5	36.7

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





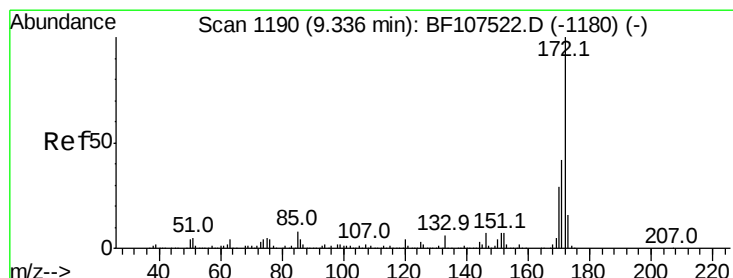
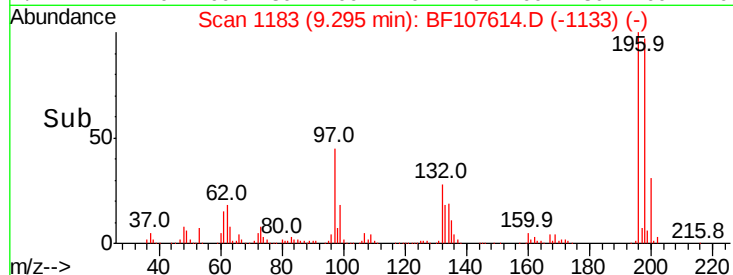
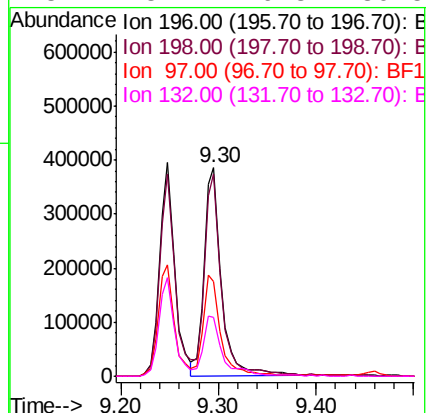
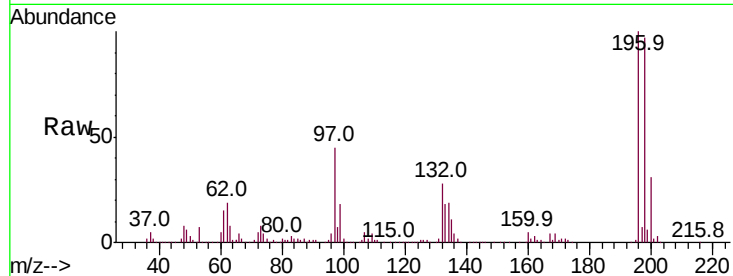
#43
 2,4,5-Trichlorophenol
 Concen: 42.235 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB111380BS

Tot Ion:	196	Resp:	473221
Ion Ratio	Lower	Upper	
196	100		
198	97.0	74.6	112.0
97	45.5	42.9	64.3
132	28.1	26.3	39.5

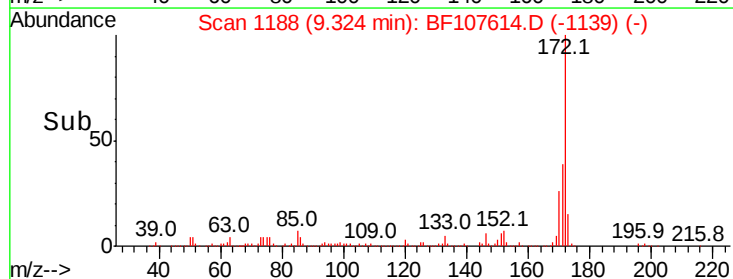
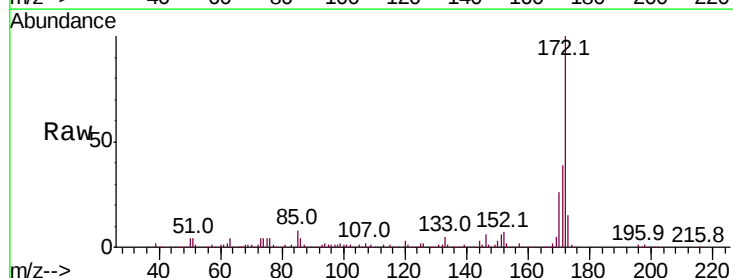
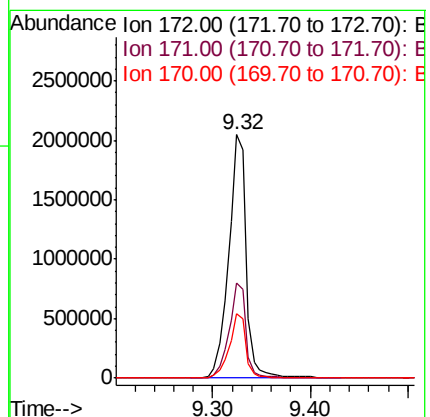
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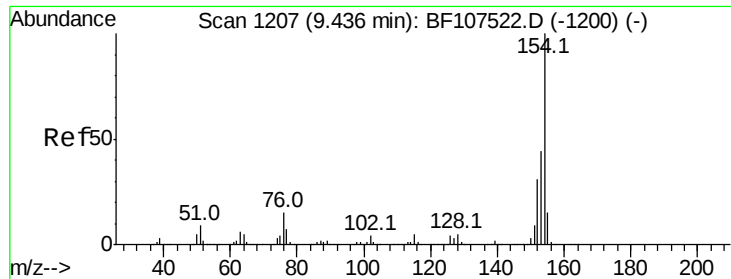
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#44
 2-Fluorobiphenyl
 Concen: 87.546 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

Tgt Ion:	172	Resp:	2545965
Ion Ratio	Lower	Upper	
172	100		
171	39.1	29.7	44.5
170	26.4	19.6	29.4





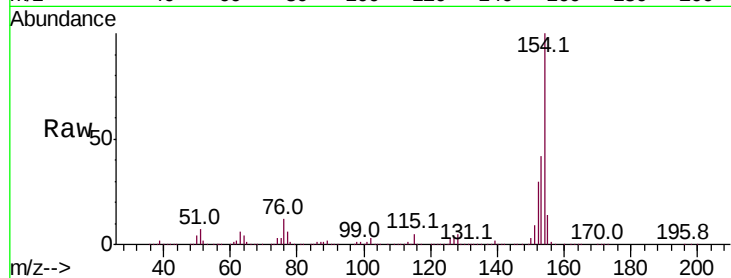
#45
 1,1'-Biphenyl
 Concen: 37.544 ng
 RT: 9.43 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB111380BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.2	21.3	61.3
76	12.4	0.0	34.0

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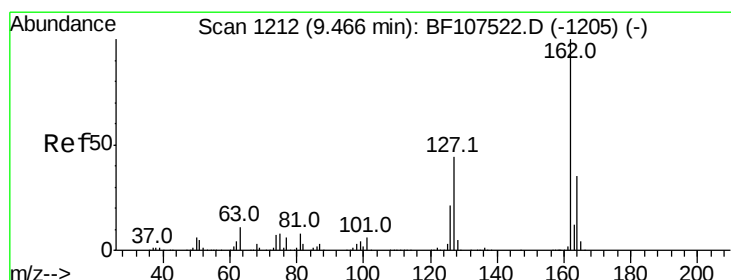
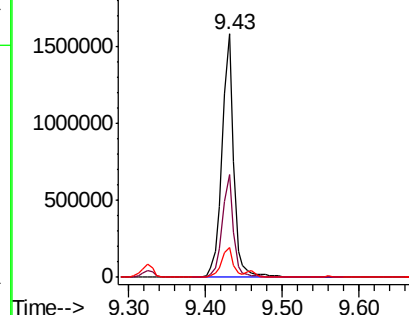
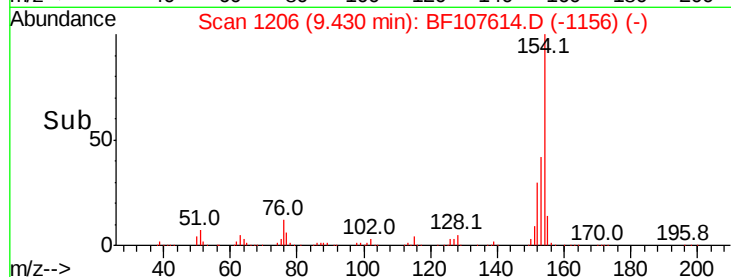


Abundance

Ion 154.00 (153.70 to 154.70): E

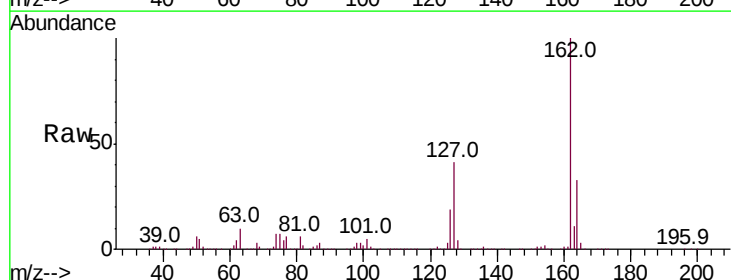
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 36.668 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.1	33.9	50.9
164	33.2	26.5	39.7

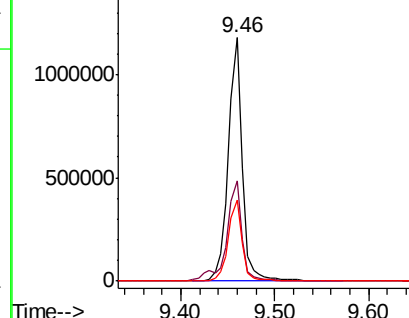
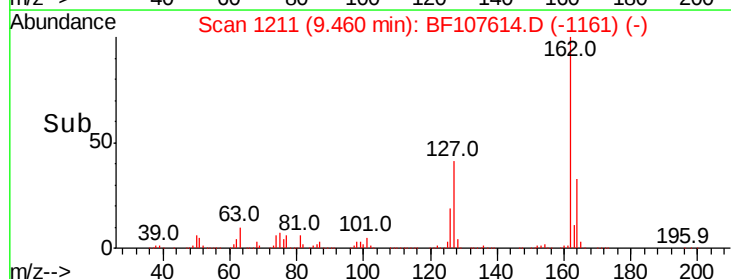


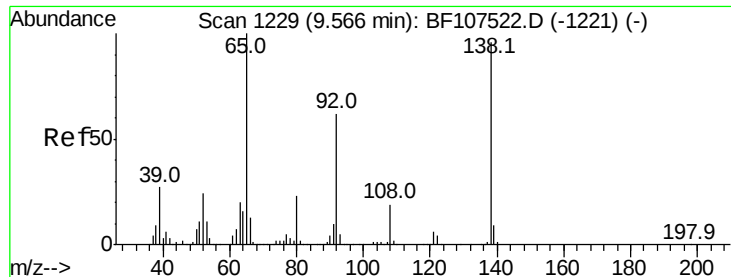
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





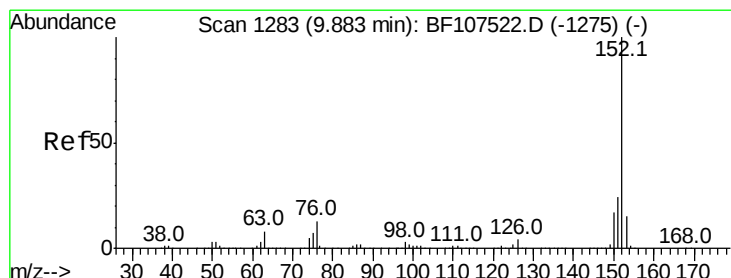
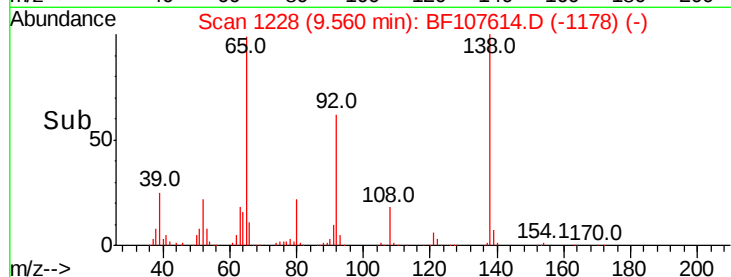
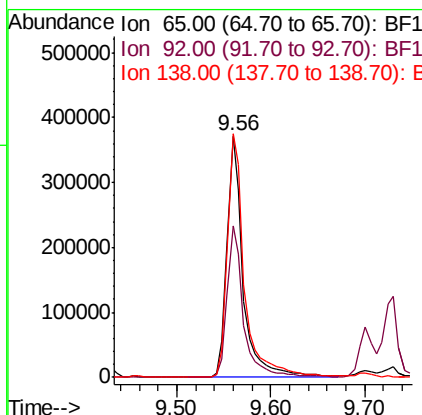
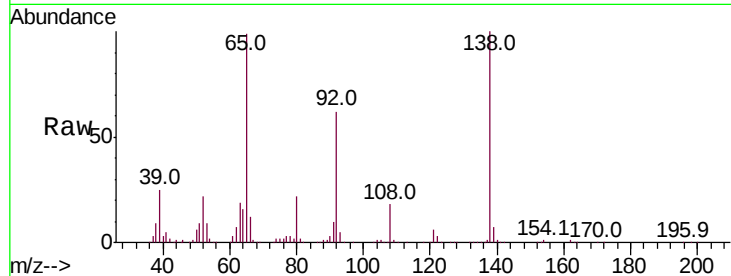
#47
2-Nitroaniline
Concen: 45.927 ng
RT: 9.56 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Instrument :
BNA_F
ClientSampleId :
PB111380BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.0	55.8	83.6
138	100.8	91.2	136.8

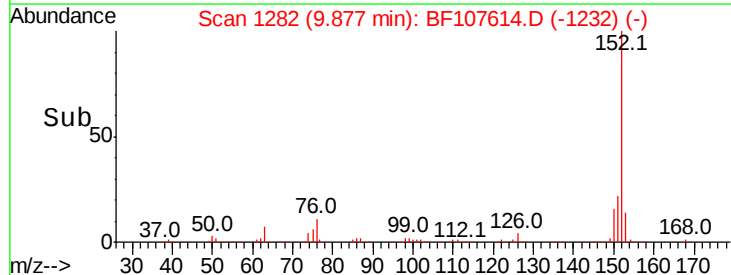
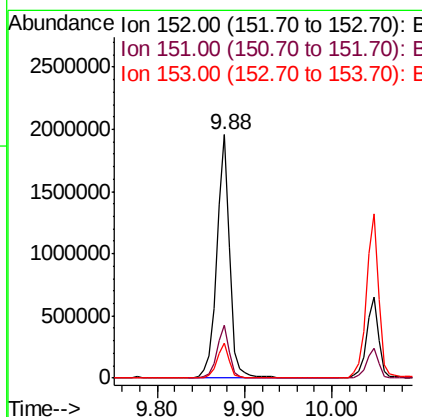
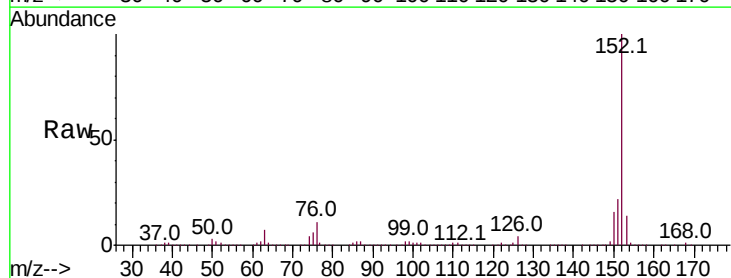
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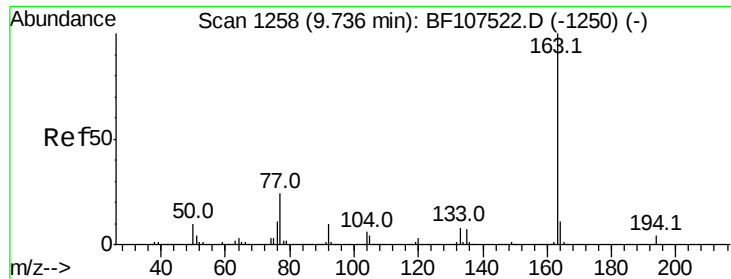
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#48
Acenaphthylene
Concen: 39.983 ng
RT: 9.88 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.3	24.5
153	14.4	10.7	16.1





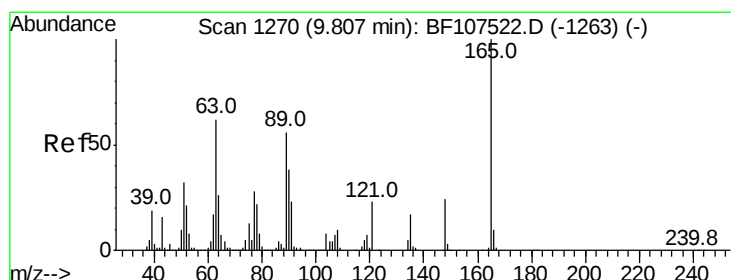
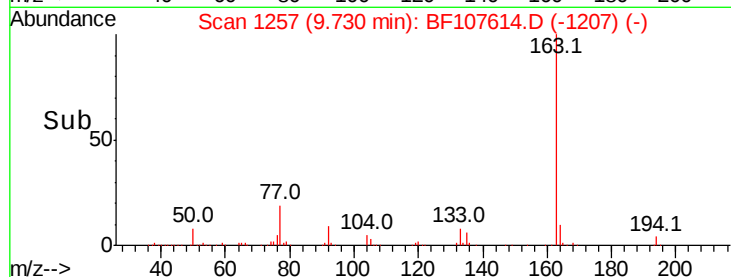
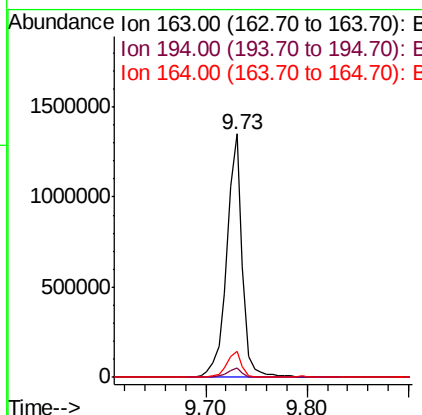
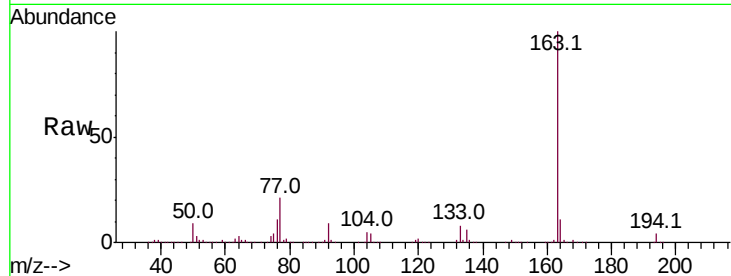
#49
Dimethylphthalate
Concen: 37.760 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Instrument :
BNA_F
ClientSampleId :
PB111380BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.5	8.2	12.2

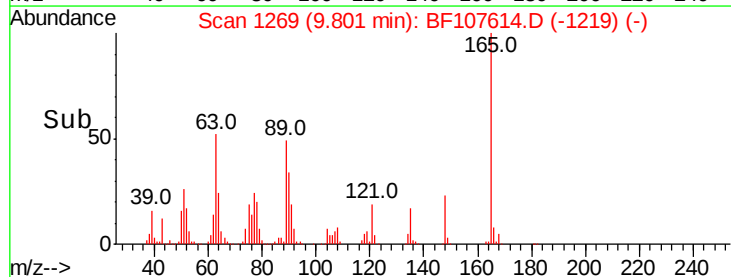
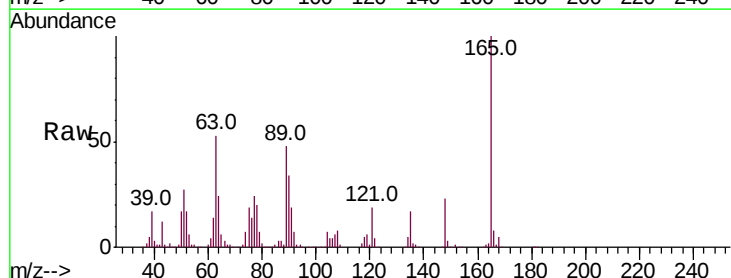
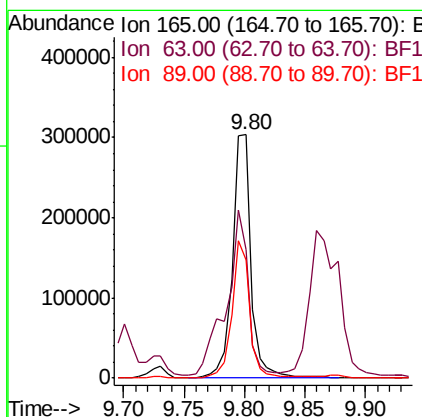
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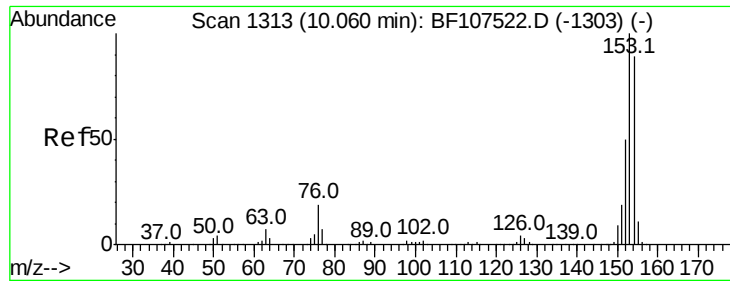
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#50
2,6-Dinitrotoluene
Concen: 43.584 ng
RT: 9.80 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.9	44.7	67.1
89	48.4	44.0	66.0





#51

Acenaphthene

Concen: 35.824 ng

RT: 10.05 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Instrument :

BNA_F

ClientSampleId :

PB111380BS

Tot Ion:154 Resp: 1127359

Ion Ratio Lower Upper

154 100

153 112.2 91.2 136.8

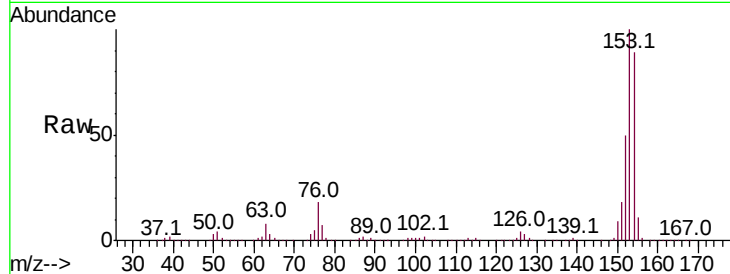
152 55.6 43.8 65.8

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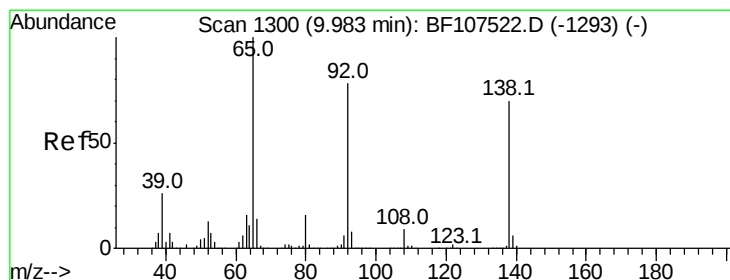
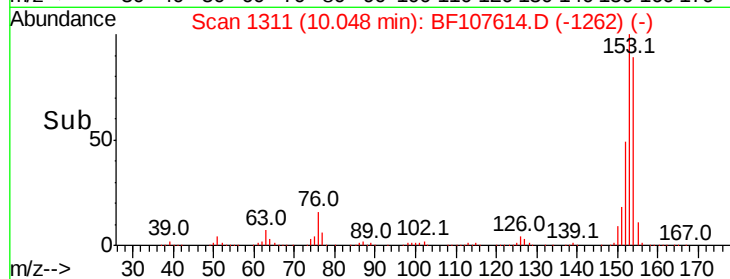
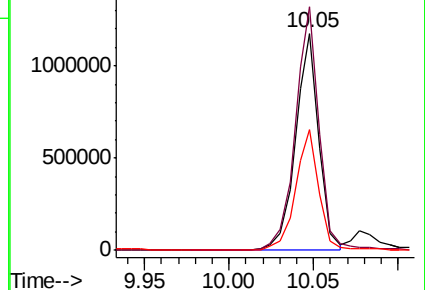
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.497 ng

RT: 9.98 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

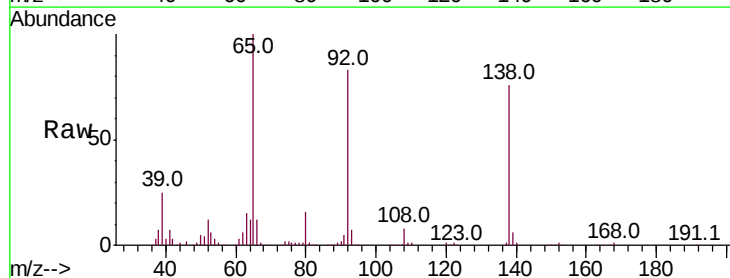
Tgt Ion:138 Resp: 251346

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

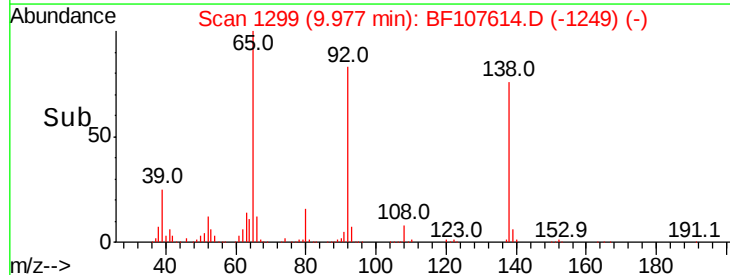
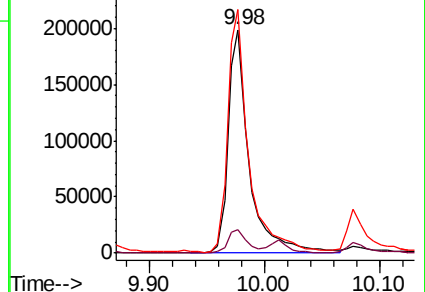
92 108.9 89.4 134.2

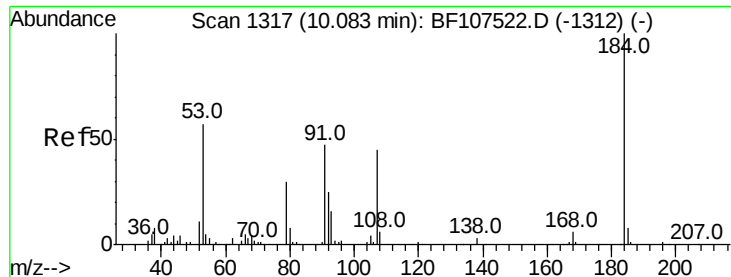


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





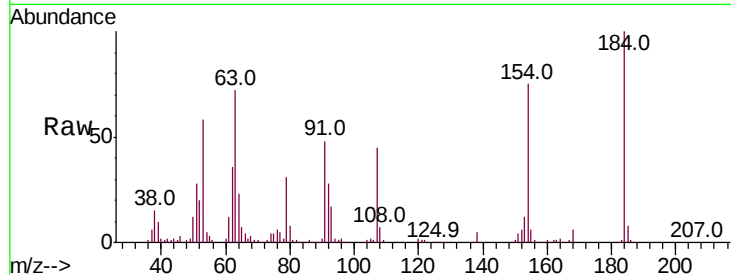
#53
2,4-Dinitrophenol
Concen: 61.648 ng
RT: 10.08 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Instrument :
BNA_F
ClientSampleId :
PB111380BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	72.2	54.2	81.2
154	75.1	184.0	276.0#

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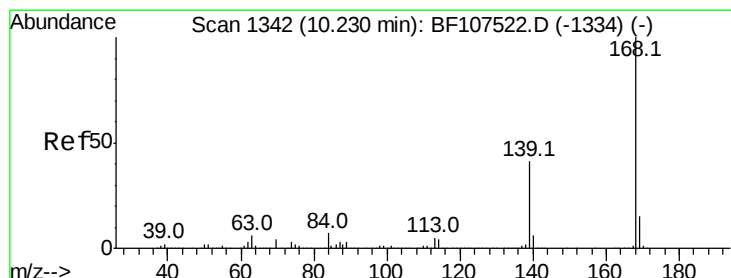
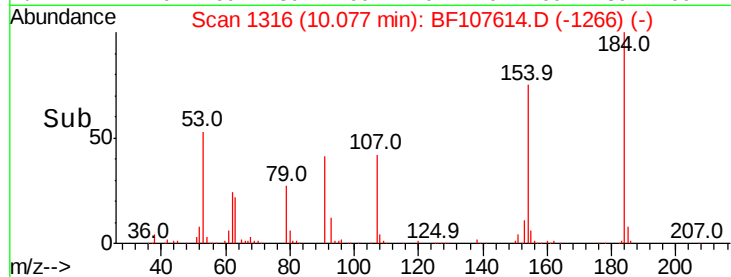
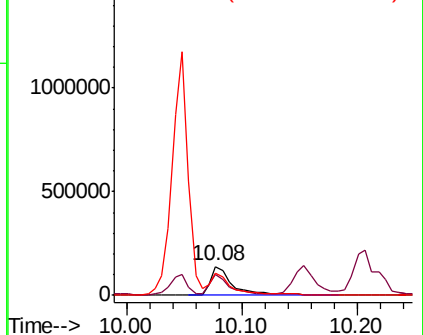


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#54
Dibenzofuran
Concen: 37.757 ng
RT: 10.22 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

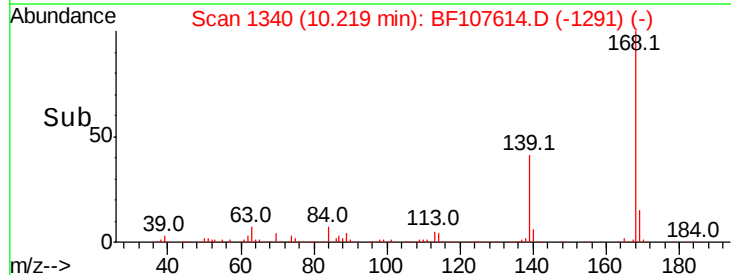
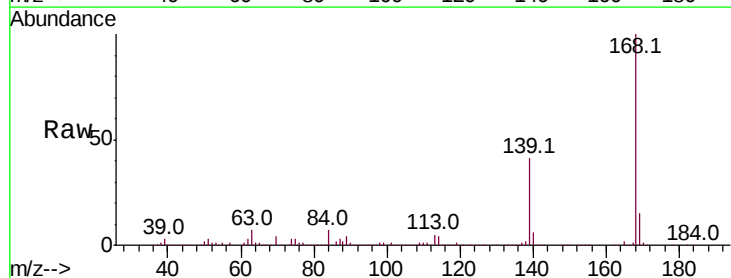
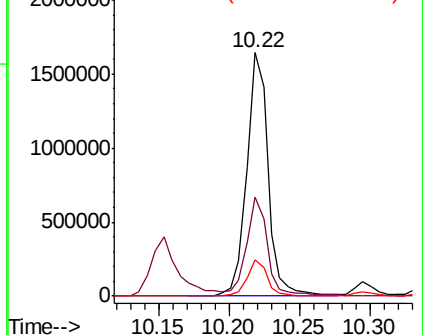
Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.5	30.1	45.1
169	14.7	10.9	16.3

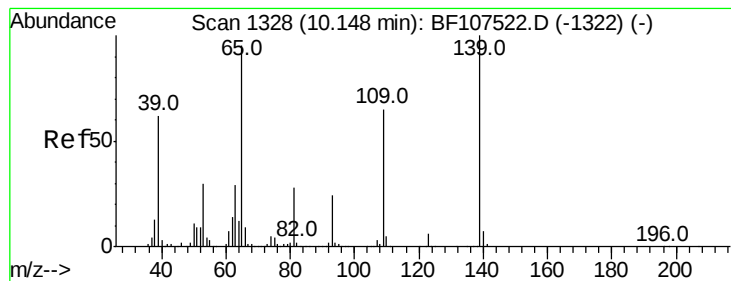
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 77.283 ng

RT: 10.15 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Instrument :

BNA_F

ClientSampleId :

PB111380BS

Tot Ion:139 Resp: 528907

Ion Ratio Lower Upper

139 100

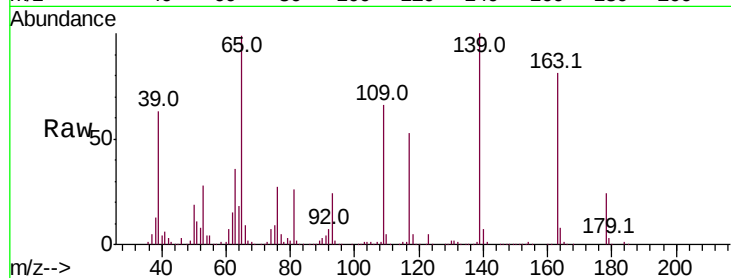
109 66.2 48.4 88.4

65 98.7 72.6 112.6

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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

800000

600000

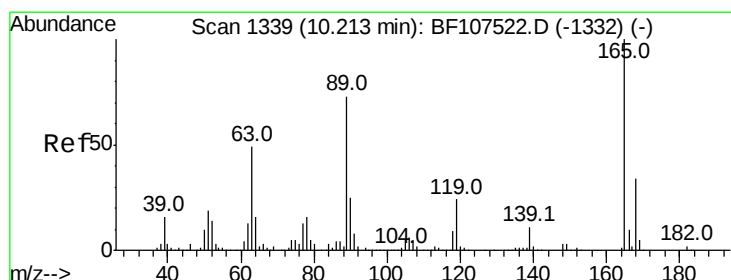
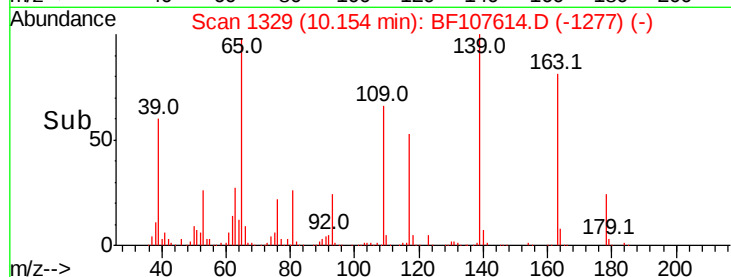
400000

200000

0

10.10 10.15 10.20

Time-->



#56

2,4-Dinitrotoluene

Concen: 46.813 ng

RT: 10.21 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Tgt Ion:165 Resp: 424579

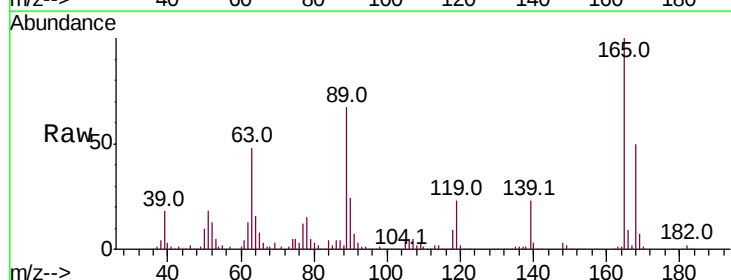
Ion Ratio Lower Upper

165 100

63 48.0 36.4 54.6

89 66.9 57.8 86.6

182 2.4 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

600000

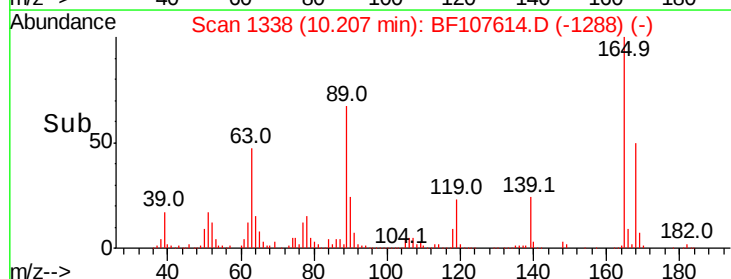
400000

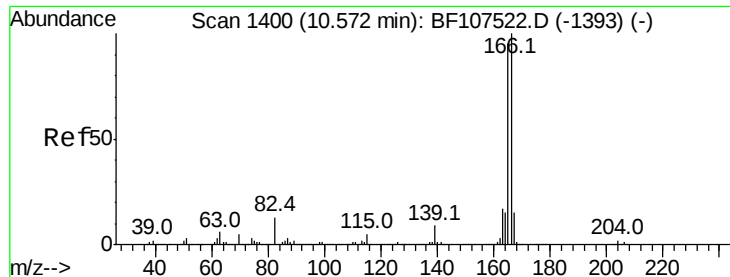
200000

0

10.15 10.20 10.25 10.30

Time-->





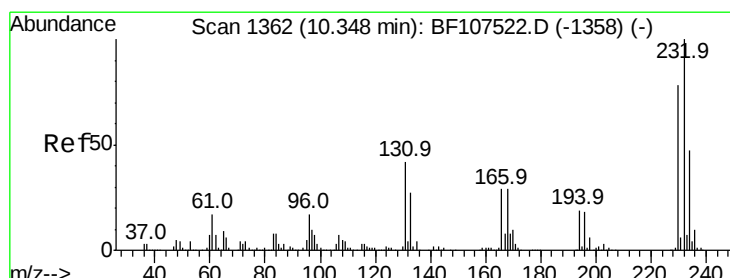
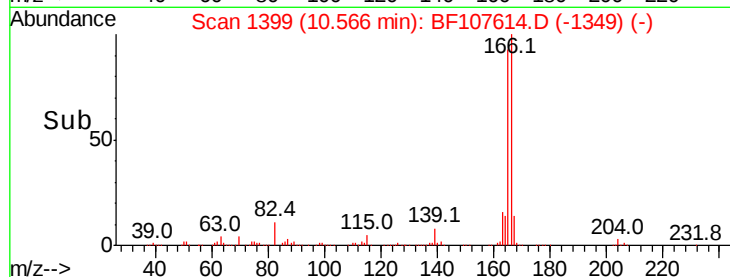
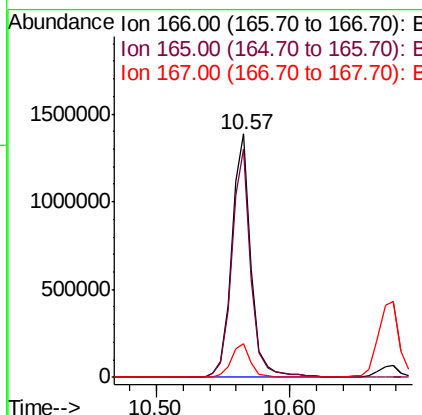
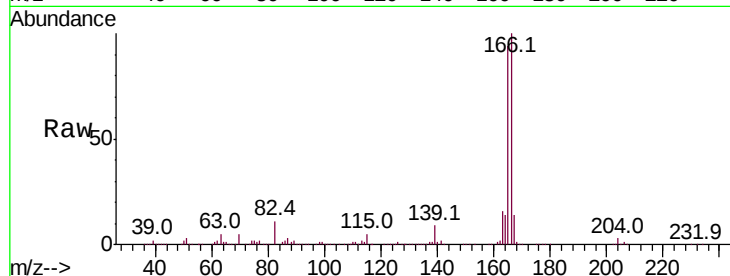
#57
 Fluorene
 Concen: 42.378 ng
 RT: 10.57 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB111380BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	93.5	79.8	119.8
167	13.8	10.6	16.0

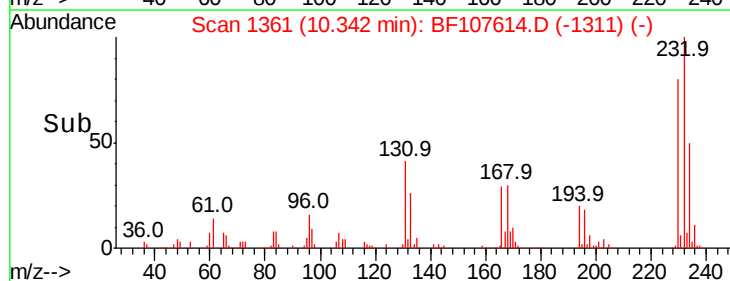
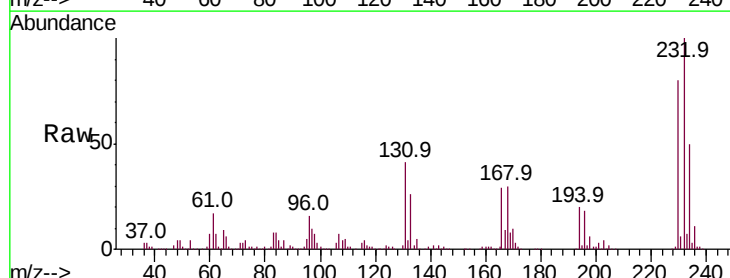
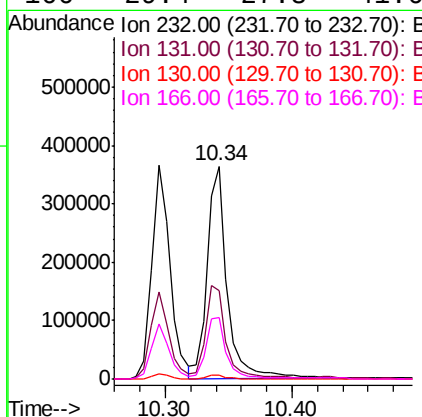
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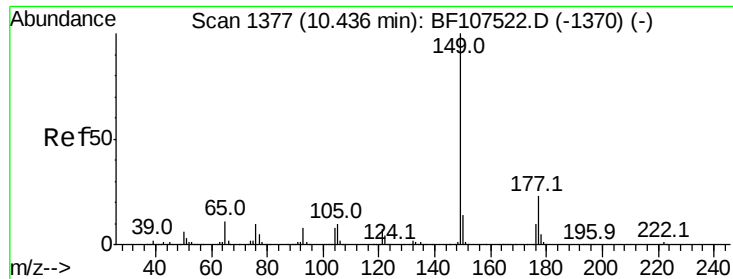
Sohil
 7/25/2018 12:57:59 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.630 ng
 RT: 10.34 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.9	43.8	65.8
130	2.0	2.1	3.1#
166	29.4	27.8	41.6





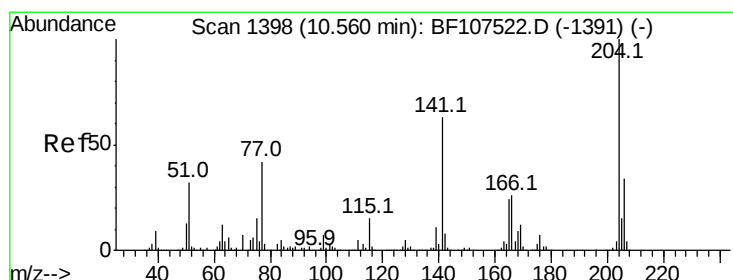
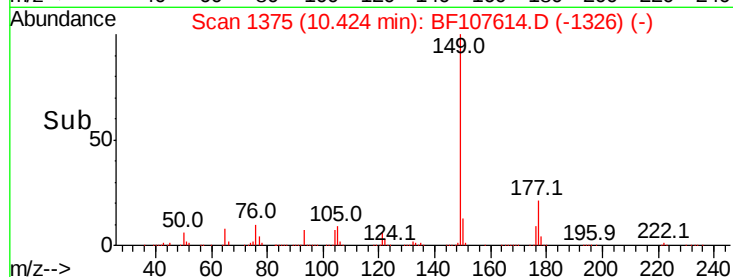
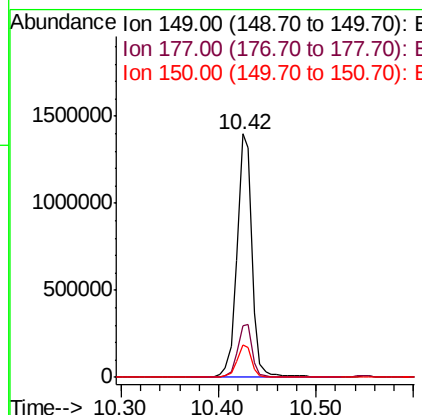
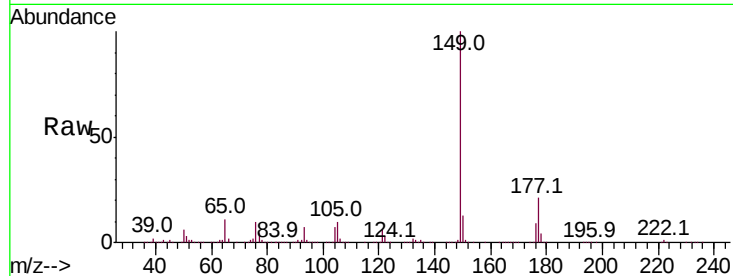
#59
Diethylphthalate
Concen: 37.651 ng
RT: 10.42 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Instrument :
BNA_F
ClientSampleId :
PB111380BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.1	24.1
150	13.2	10.1	15.1

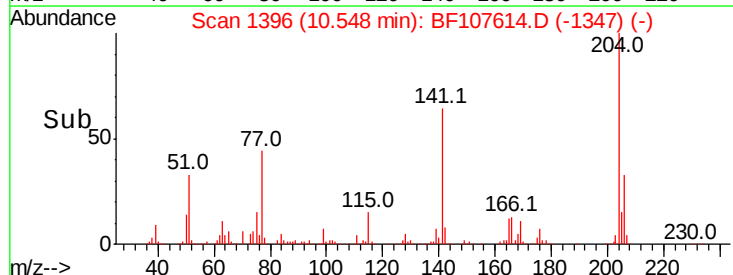
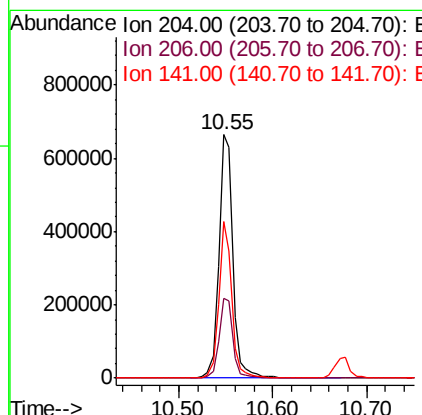
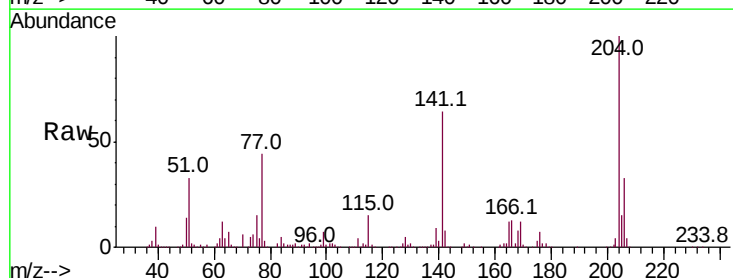
Manual Integrations
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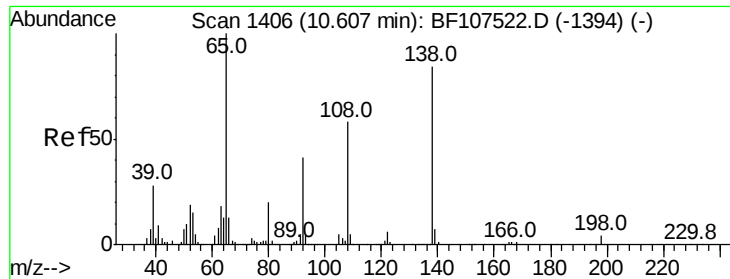
Sohil
7/25/2018 12:57:59 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.132 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	64.1	54.6	81.8





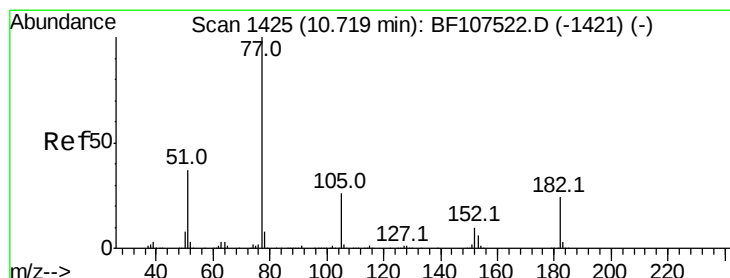
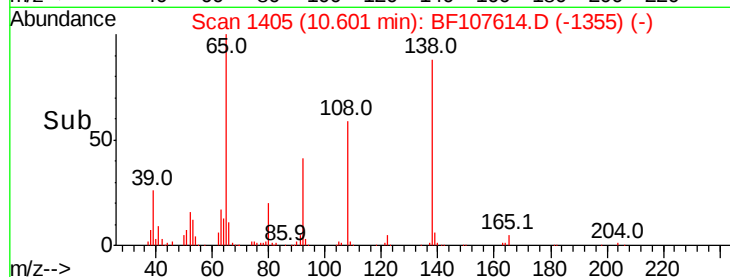
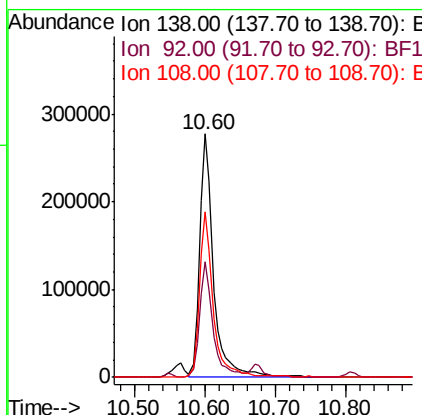
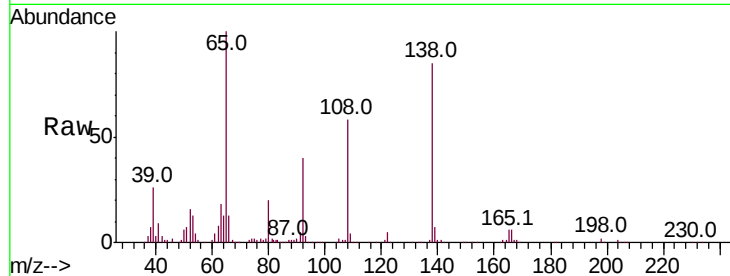
#61
4-Nitroaniline
Concen: 50.100 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Instrument :
BNA_F
ClientSampleId :
PB111380BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.3	30.2	70.2
108	67.8	52.5	92.5

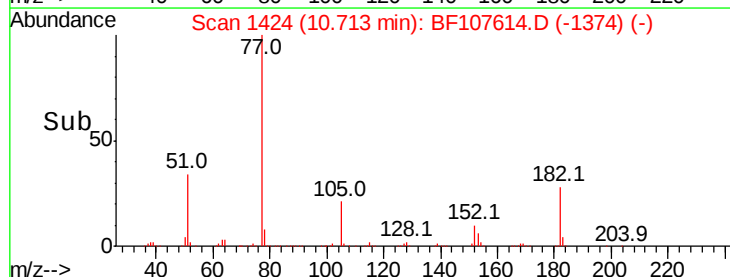
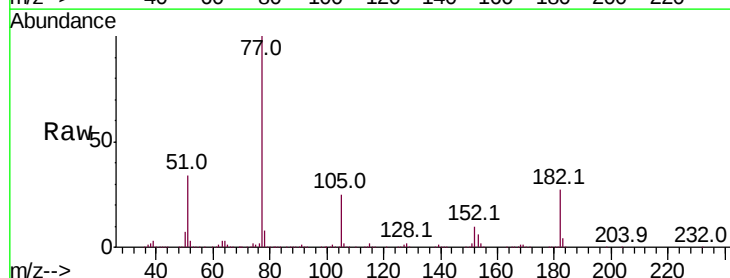
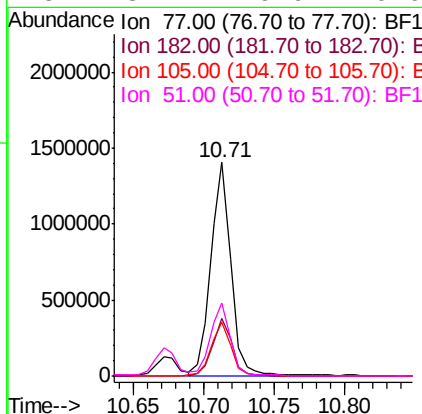
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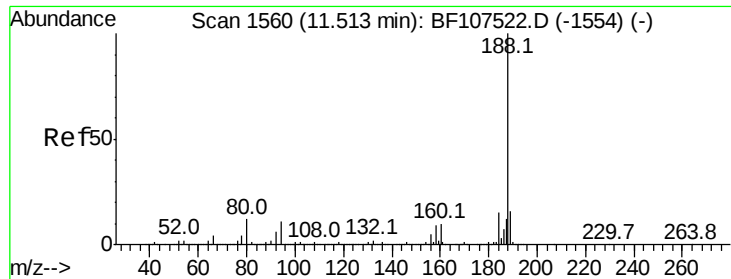
Sohil
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#62
Azobenzene
Concen: 37.069 ng
RT: 10.71 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.0	1.7	41.7
105	25.3	3.0	43.0
51	34.4	9.9	49.9





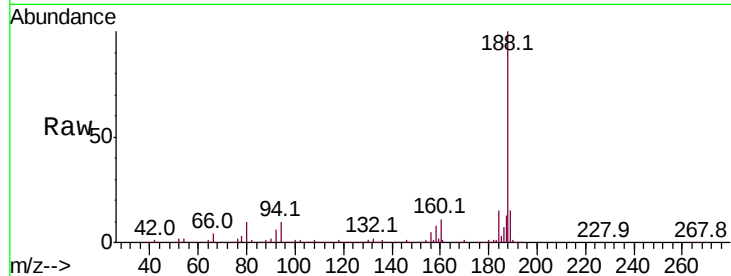
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Instrument :
BNA_F
ClientSampleId :
PB111380BS

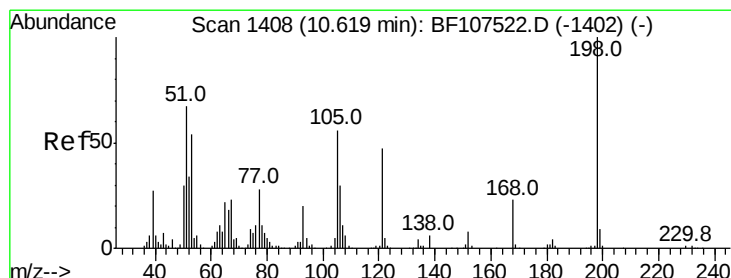
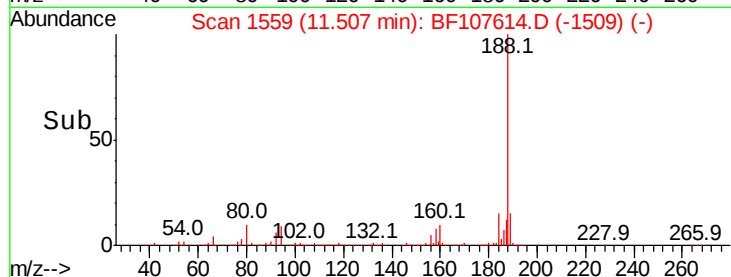
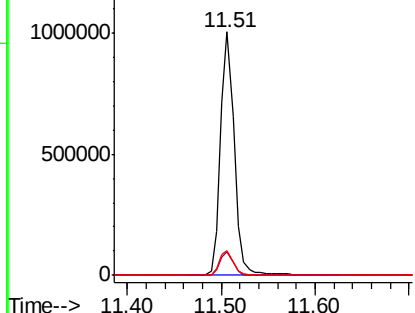
Tot Ion:188 Resp: 1040602
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.1 9.2 13.8

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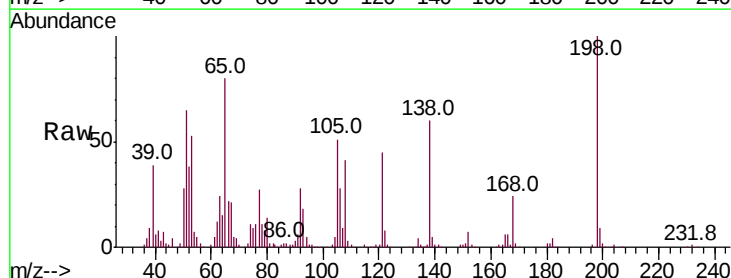


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

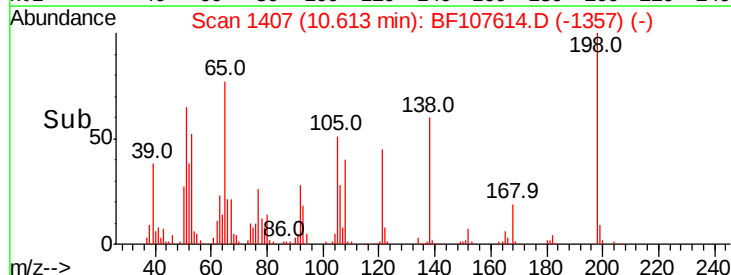
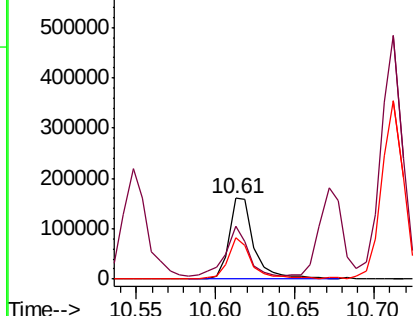


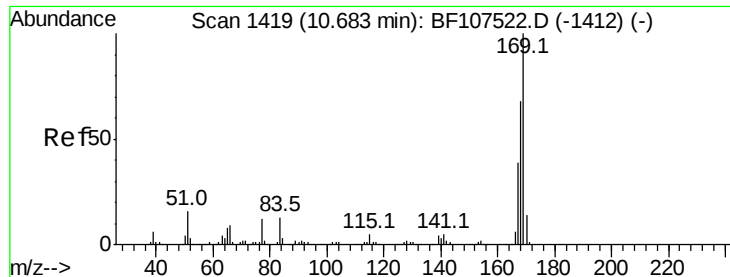
#64
4,6-Dinitro-2-methylphenol
Concen: 37.253 ng
RT: 10.61 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Tgt Ion:198 Resp: 175226
Ion Ratio Lower Upper
198 100
51 65.1 37.7 77.7
105 51.1 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E





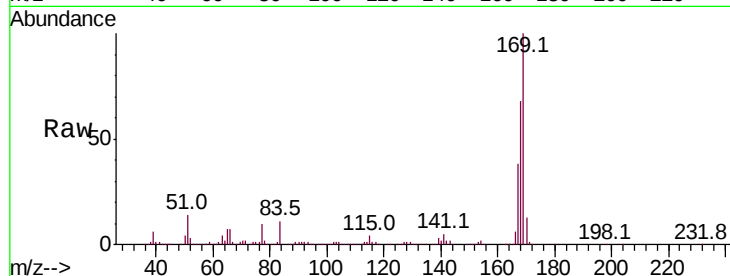
#65
n-Nitrosodiphenylamine
Concen: 35.633 ng
RT: 10.68 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Instrument :
BNA_F
ClientSampleId :
PB111380BS

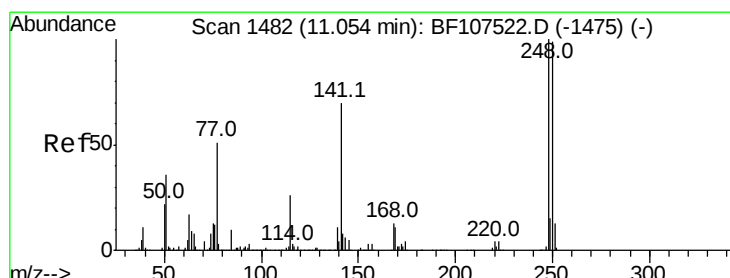
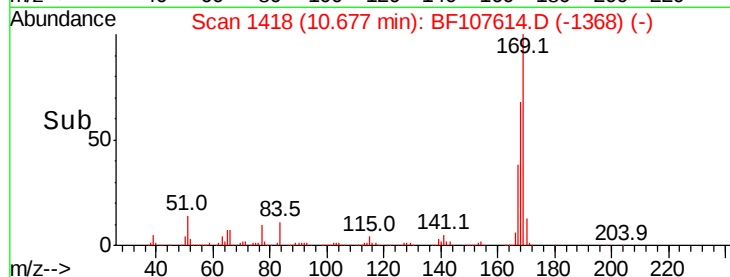
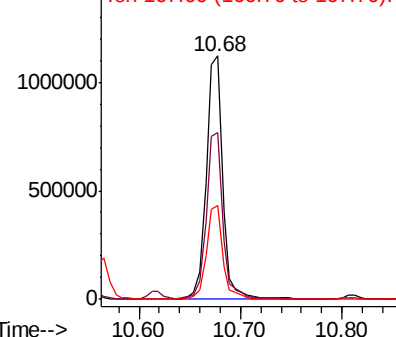
Tot Ion:169 Resp: 1259331
Ion Ratio Lower Upper
169 100
168 68.5 54.4 81.6
167 38.4 29.8 44.6

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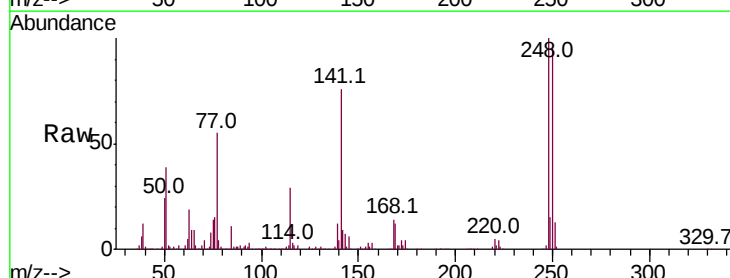


Abundance Ion 169.00 (168.70 to 169.70): E
1500000 Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

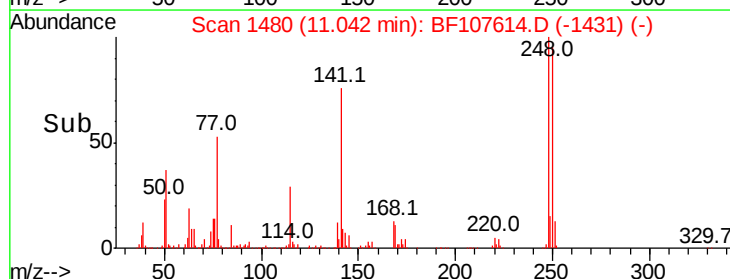
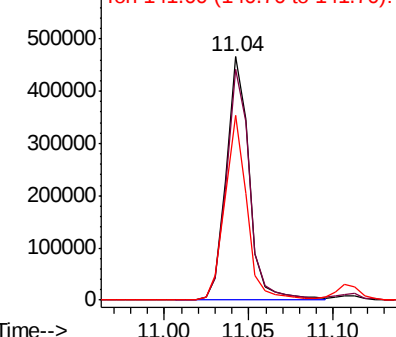


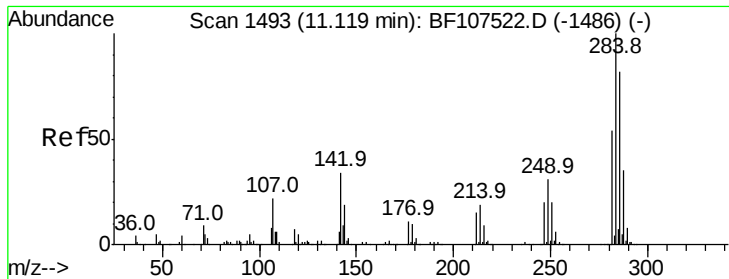
#66
4-Bromophenyl-phenylether
Concen: 36.052 ng
RT: 11.04 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Tgt Ion:248 Resp: 441626
Ion Ratio Lower Upper
248 100
250 94.7 76.9 115.3
141 75.8 74.4 111.6



Abundance Ion 248.00 (247.70 to 248.70): E
600000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





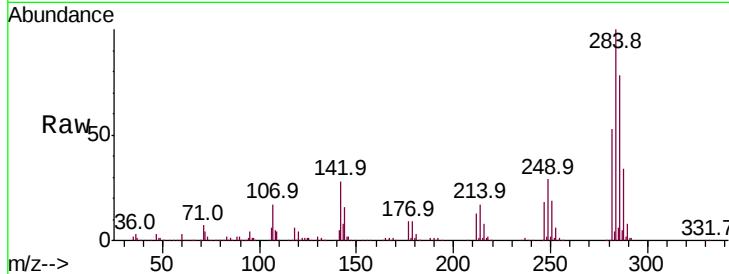
#67
Hexachlorobenzene
Concen: 36.097 ng
RT: 11.11 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Instrument :
BNA_F
ClientSampleId :
PB111380BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	27.5	34.6	52.0	
249	28.5	24.8	37.2	

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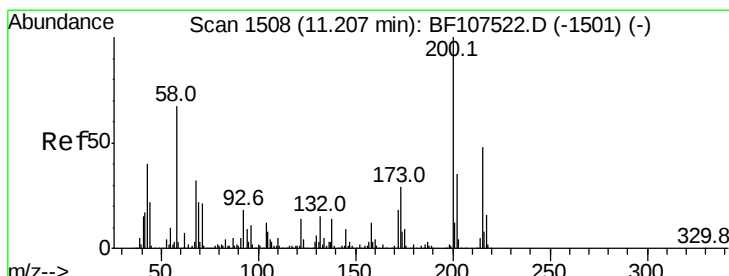
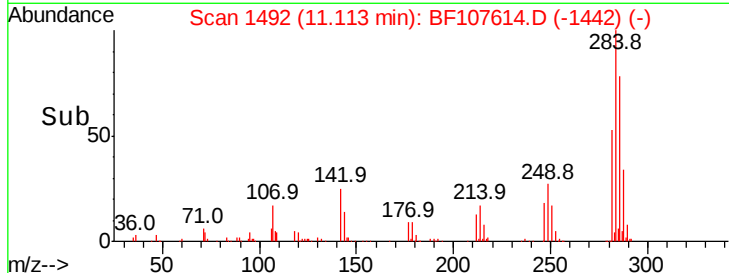
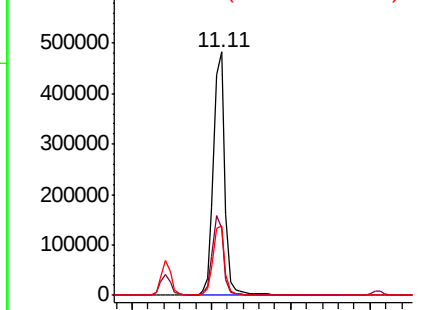


Abundance

Ion 283.80 (283.50 to 284.50): E

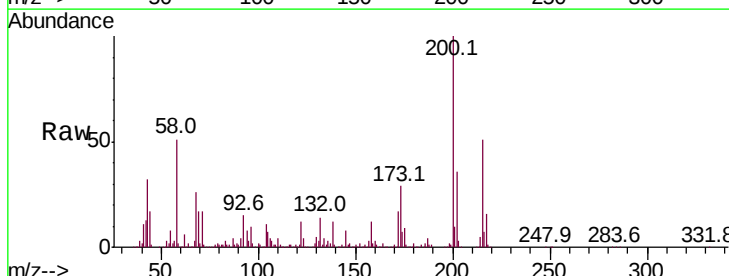
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68
Atrazine
Concen: 37.165 ng
RT: 11.20 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.5	8.6	48.6	
215	50.6	25.1	65.1	

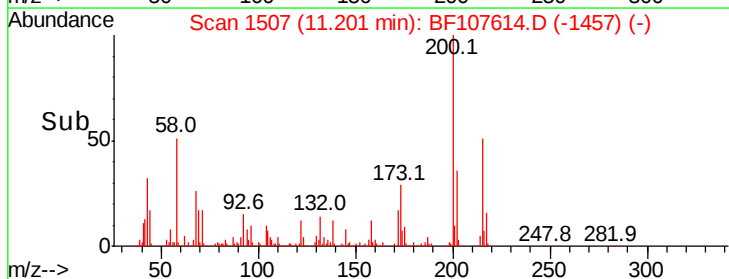
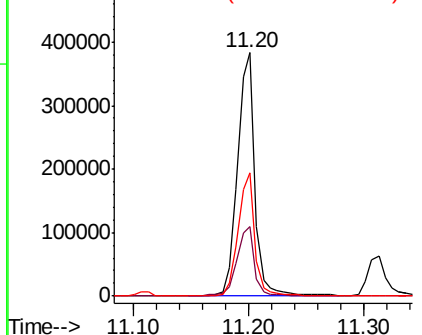


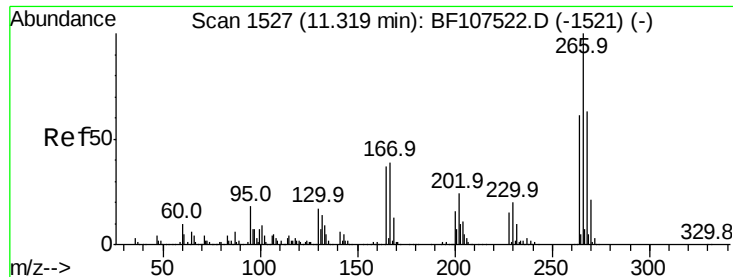
Abundance

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





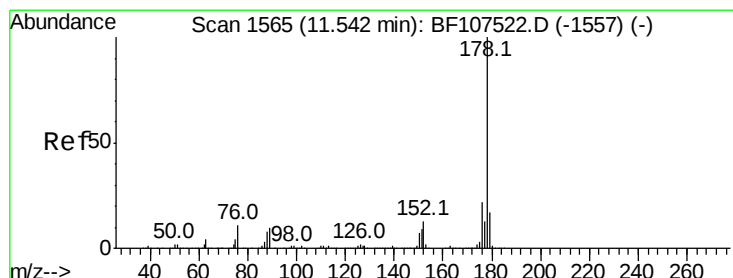
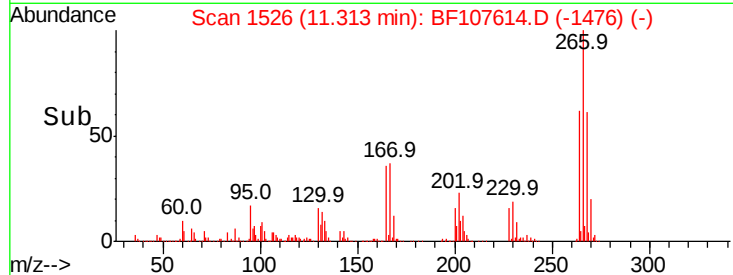
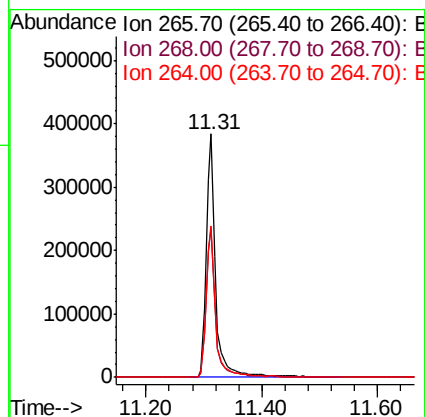
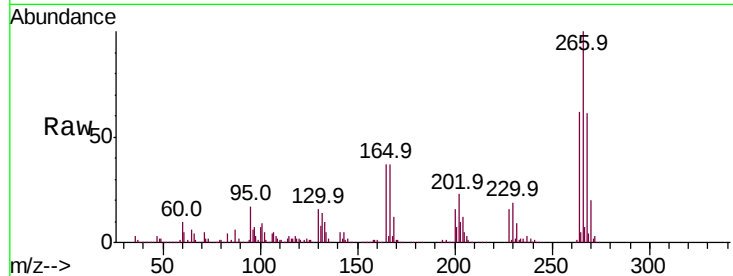
#69
 Pentachlorophenol
 Concen: 53.118 ng
 RT: 11.31 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

Instrument :
 BNA_F
 ClientSampleID :
 PB111380BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	447192		
268	61.0	51.1	76.7	
264	62.3	49.5	74.3	

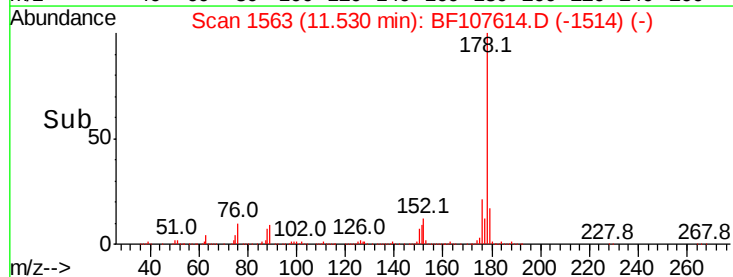
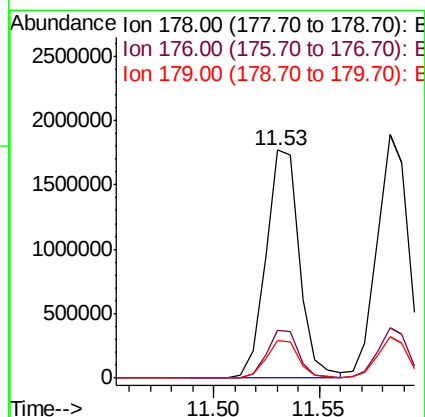
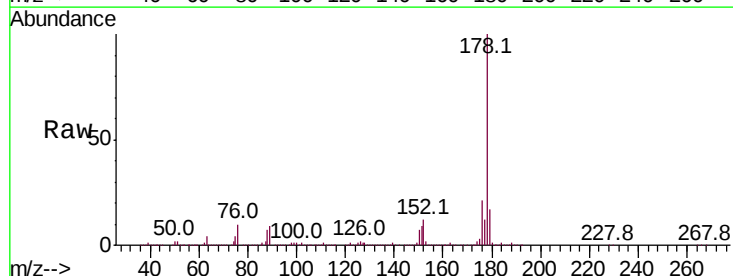
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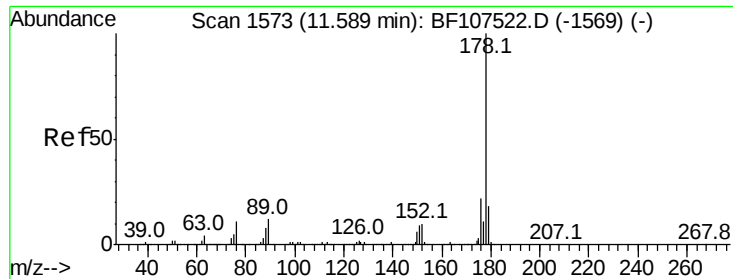
Sohil
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#70
 Phenanthrene
 Concen: 38.645 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1959628		
176	21.0	15.8	23.8	
179	16.7	13.0	19.6	





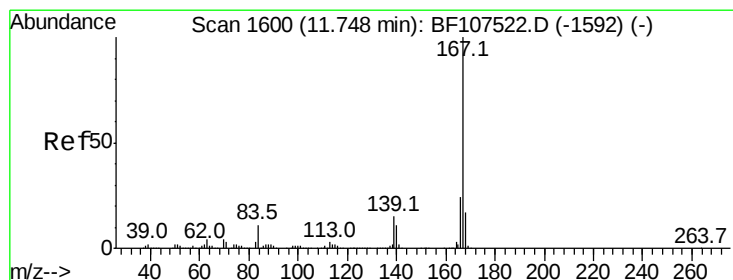
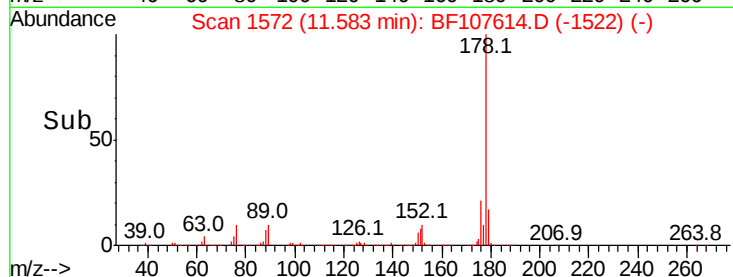
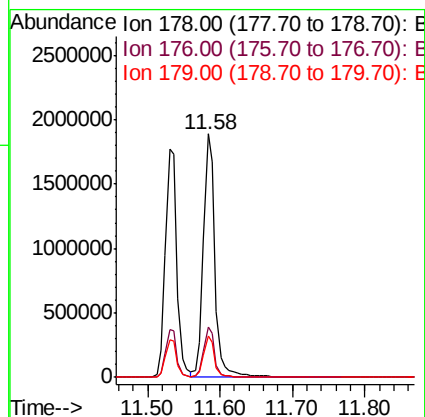
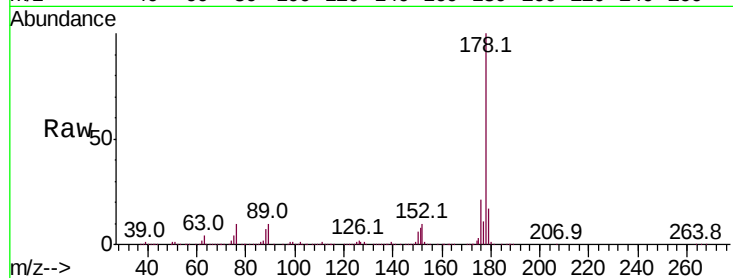
#71
 Anthracene
 Concen: 41.217 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB111380BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.4	23.2
179	17.1	12.6	19.0

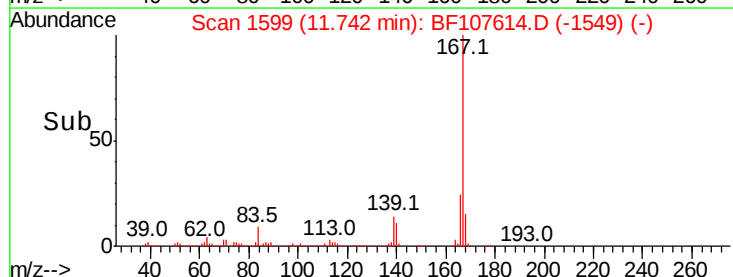
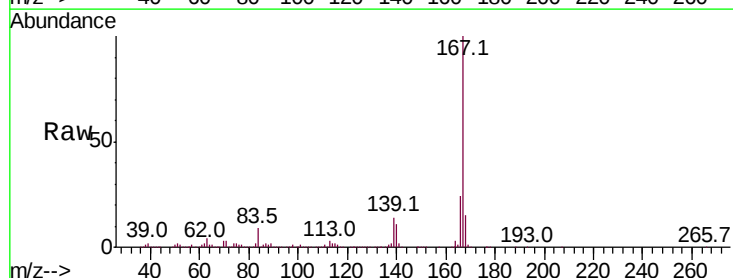
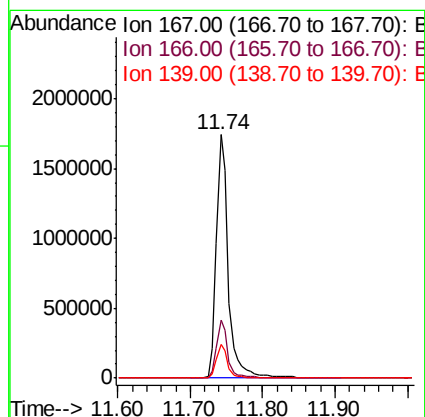
Manual Integrations
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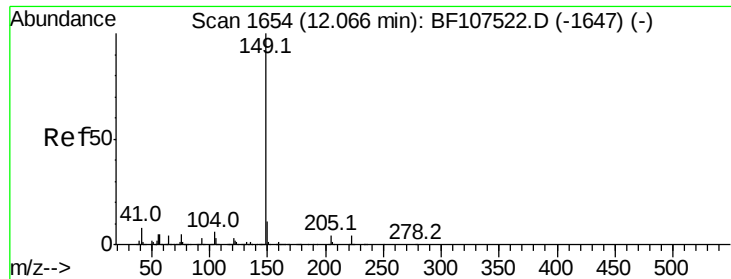
Sohil
 7/25/2018 12:57:59 PM



#72
 Carbazole
 Concen: 37.742 ng
 RT: 11.74 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.6	17.6	26.4
139	13.8	10.9	16.3





#73

Di-n-butylphthalate

Concen: 39.332 ng

RT: 12.05 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Instrument :

BNA_F

ClientSampleId :

PB111380BS

Tot Ion:149 Resp: 2230185

Ion Ratio Lower Upper

149 100

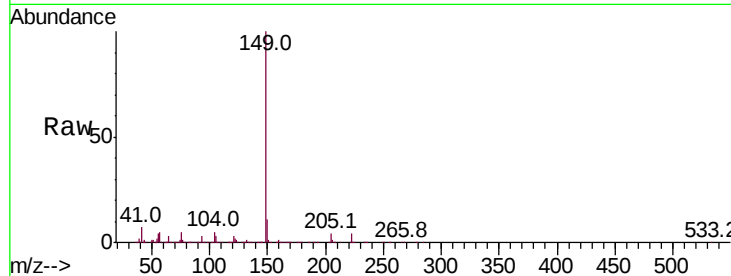
150 10.6 7.8 11.6

104 5.0 3.8 5.8

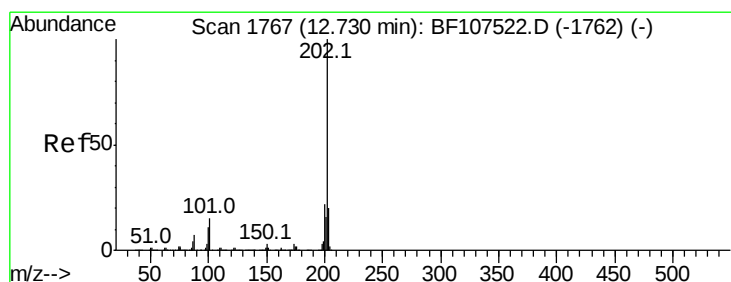
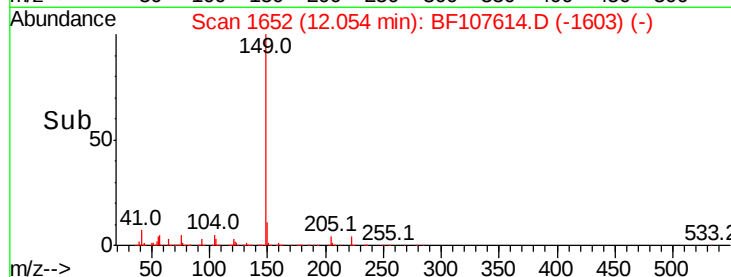
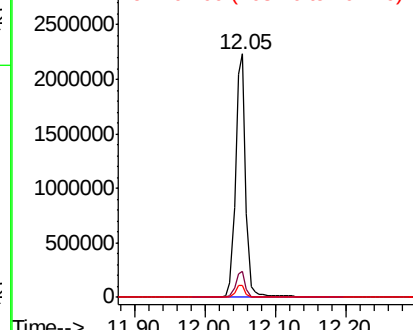
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.140 ng

RT: 12.72 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

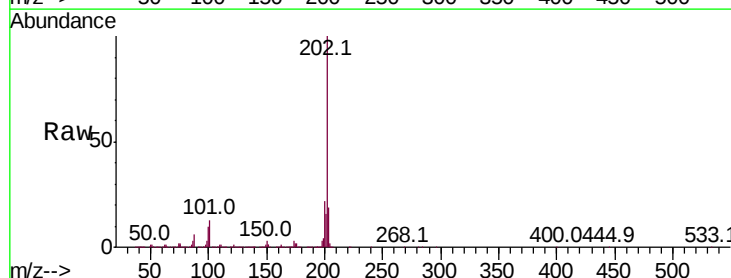
Tgt Ion:202 Resp: 2184211

Ion Ratio Lower Upper

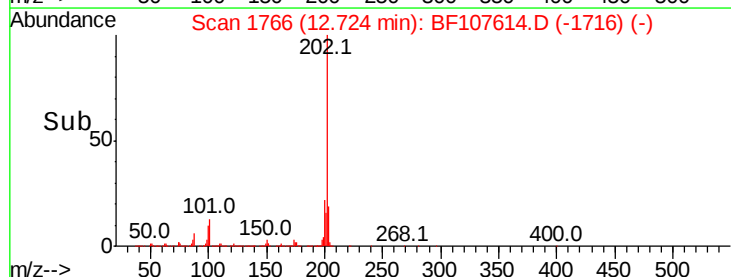
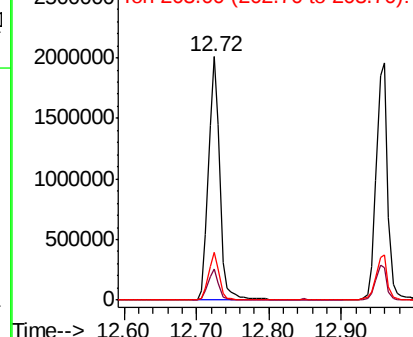
202 100

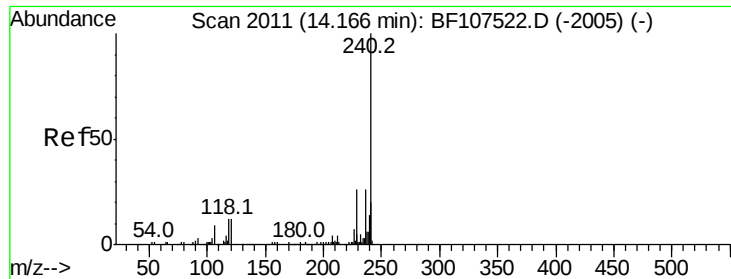
101 12.9 0.0 34.1

203 19.4 0.0 38.1



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





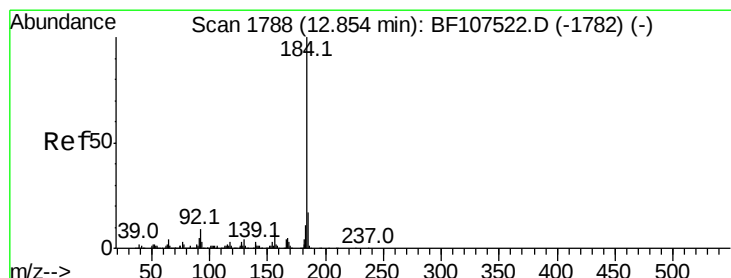
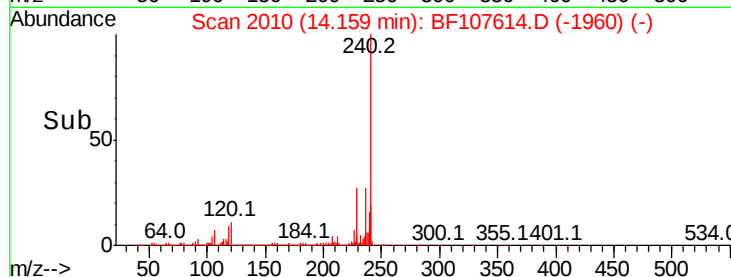
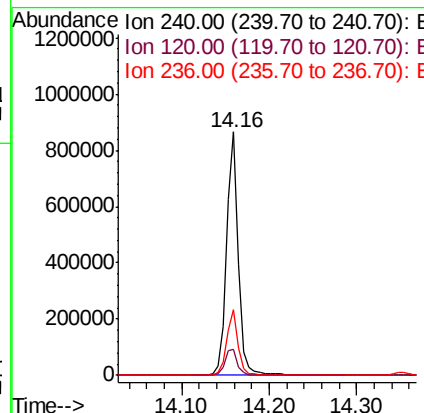
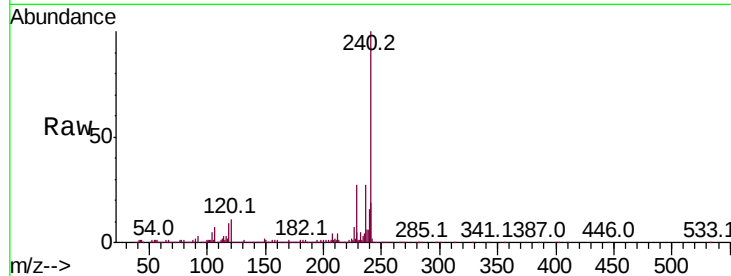
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Instrument :
BNA_F
ClientSampleId :
PB111380BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	26.8	20.7	31.1

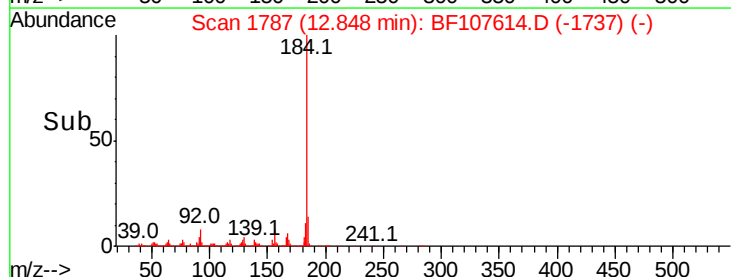
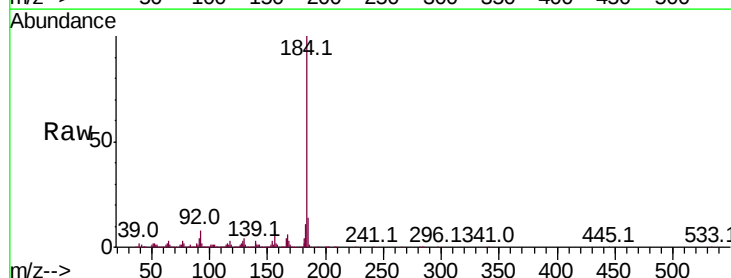
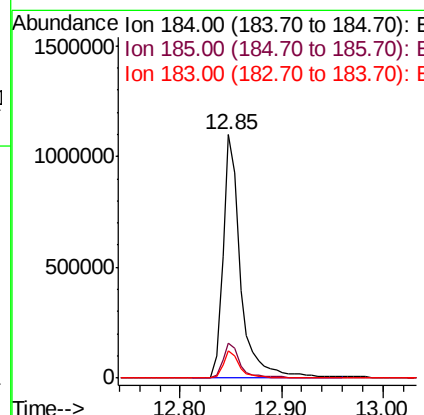
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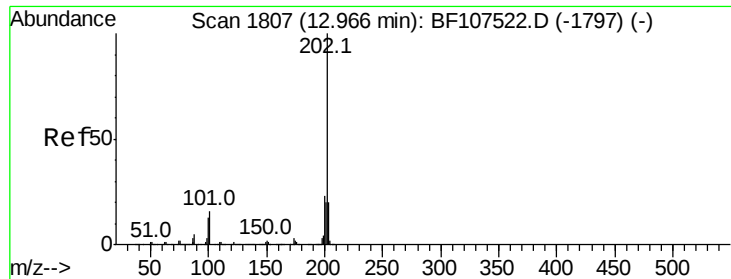
Sohil
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#76
Benzidine
Concen: 57.548 ng
RT: 12.85 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.6	18.8
183	11.5	9.3	13.9





#77

Pvrene

Concen: 39.767 ng

RT: 12.96 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Instrument :

BNA_F

ClientSampled :

PB111380BS

Tot Ion:202 Resp: 2165239

Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

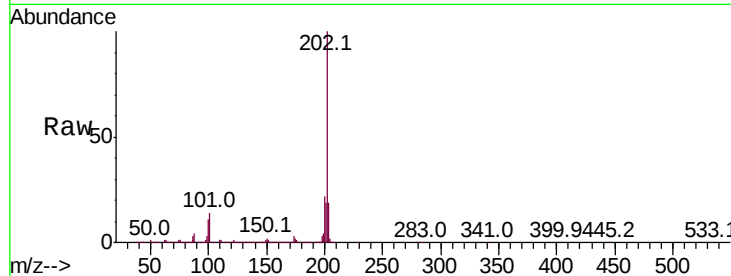
203 18.9 14.3 21.5

Manual Integrations

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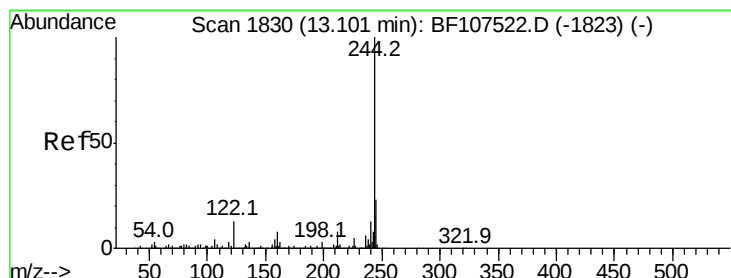
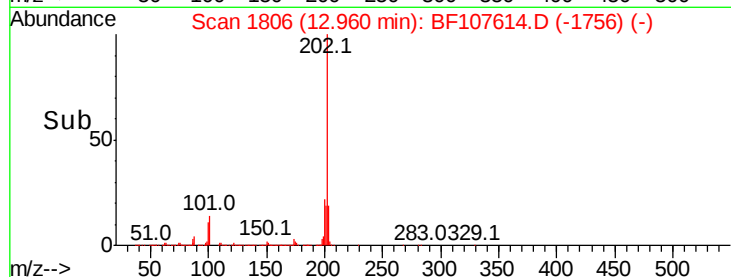
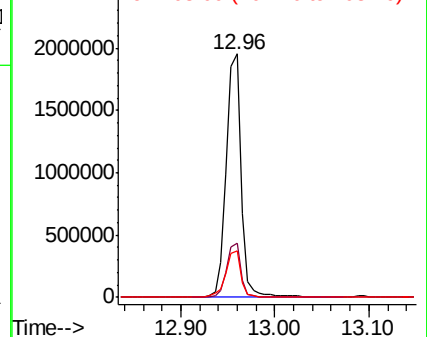


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 87.391 ng

RT: 13.09 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

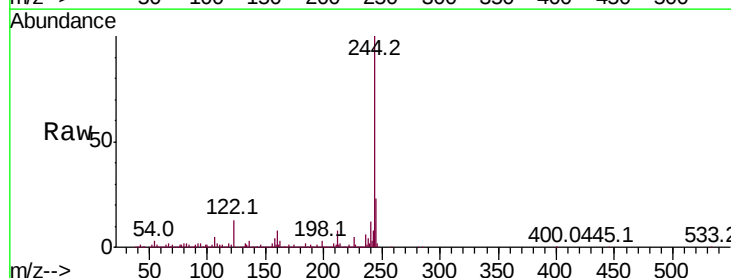
Tgt Ion:244 Resp: 2717284

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.0

122 12.8 11.0 16.4

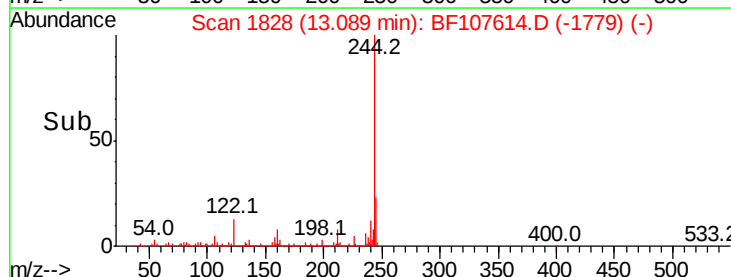
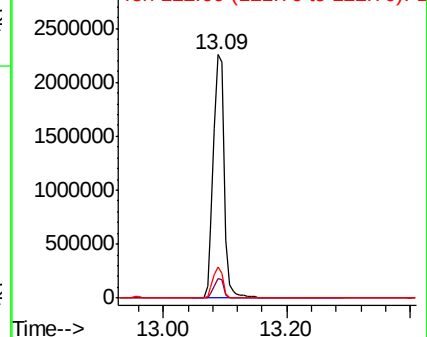


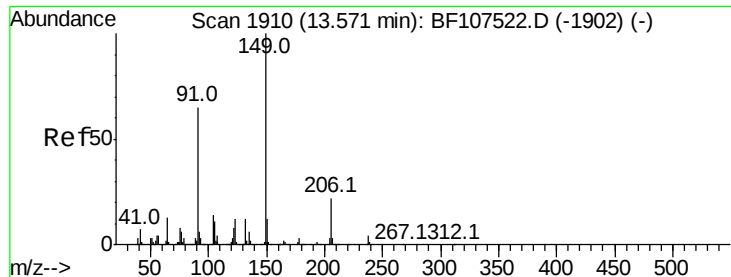
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





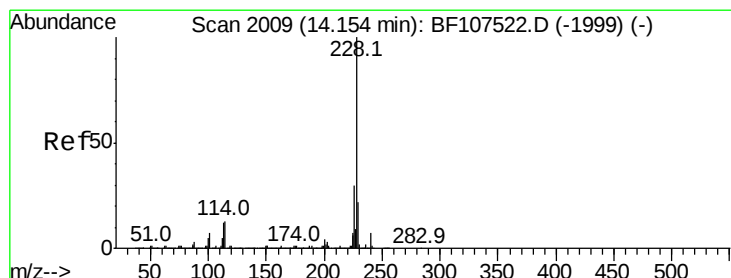
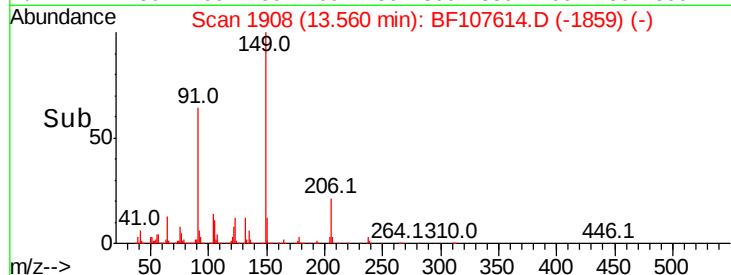
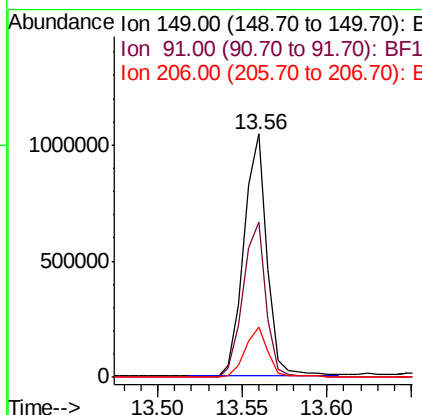
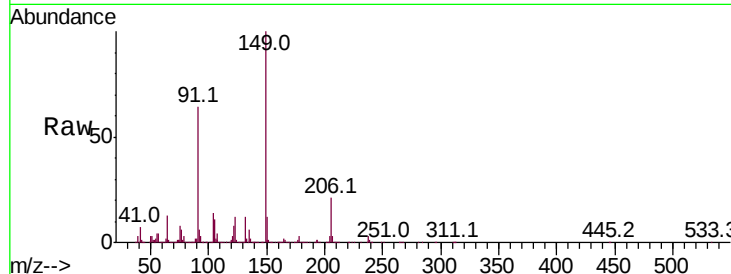
#79
Butylbenzylphthalate
Concen: 42.567 ng
RT: 13.56 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Instrument :
BNA_F
ClientSampleId :
PB111380BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	63.9	56.8	85.2
206	20.7	14.1	21.1

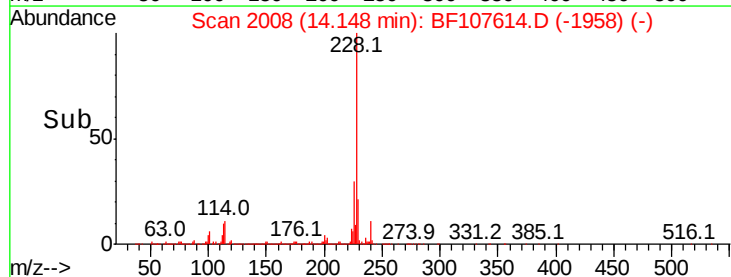
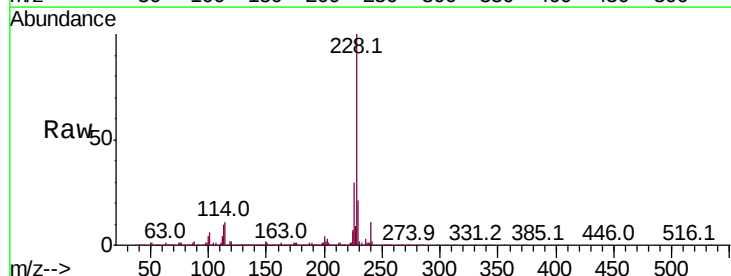
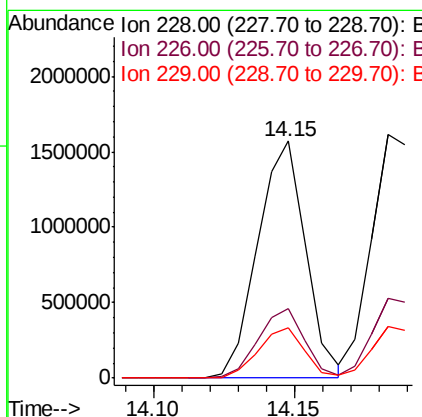
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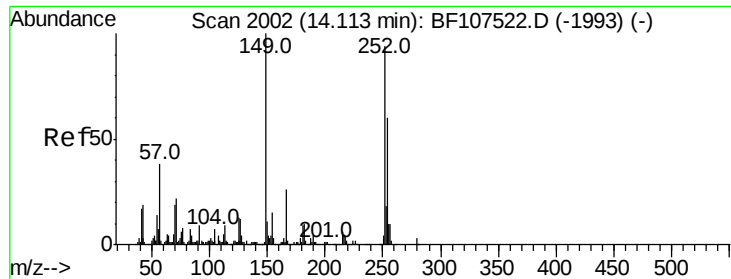
Sohil
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#80
Benzo(a)anthracene
Concen: 39.449 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107614.D
Acq: 24 Jul 2018 13:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	33.8
229	21.2	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 22.758 ng

RT: 14.11 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Instrument :

BNA_F

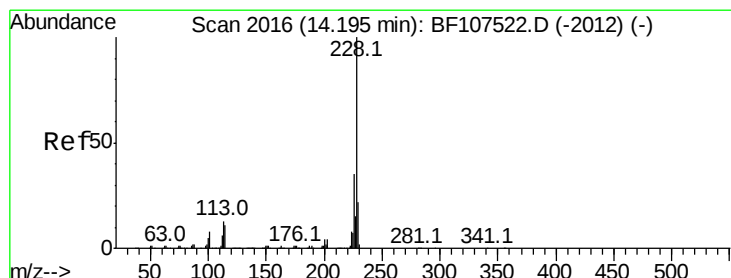
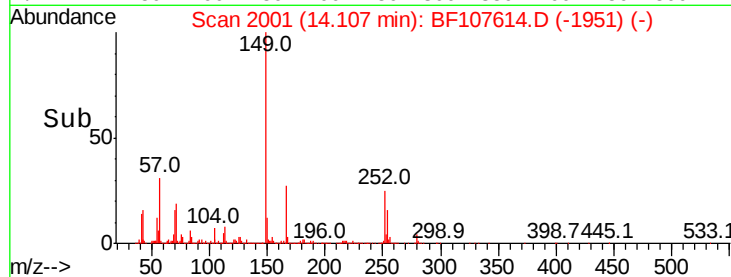
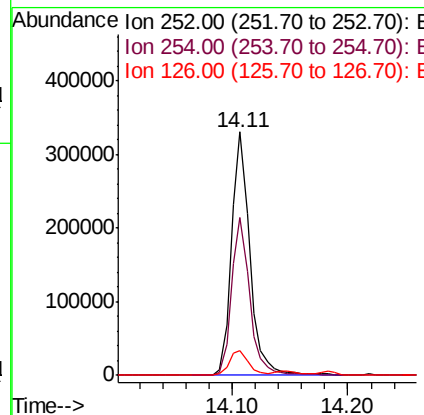
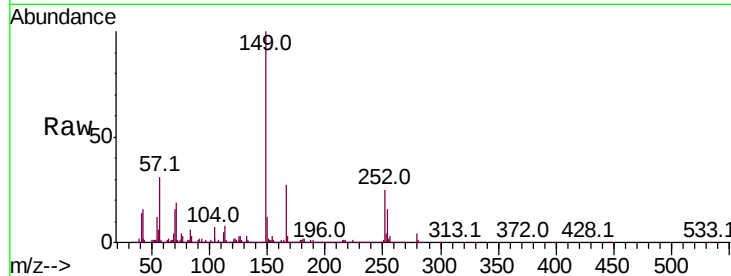
ClientSampleId :

PB111380BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.4	75.6
126	10.1	11.3	16.9#

Manual Integrations
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#82

Chrysene

Concen: 39.643 ng

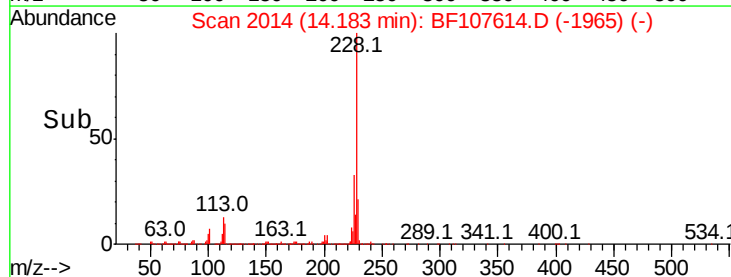
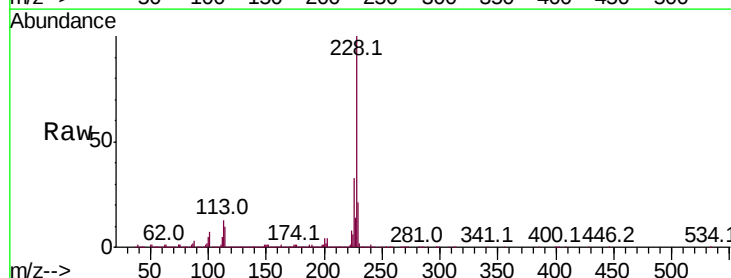
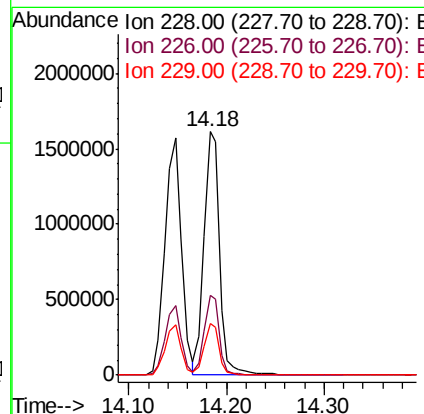
RT: 14.18 min Scan# 2014

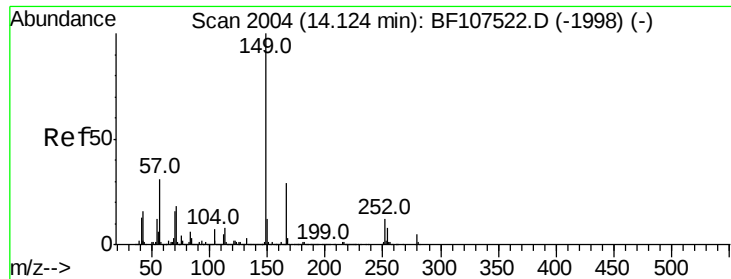
Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.0	37.6
229	21.3	16.2	24.4





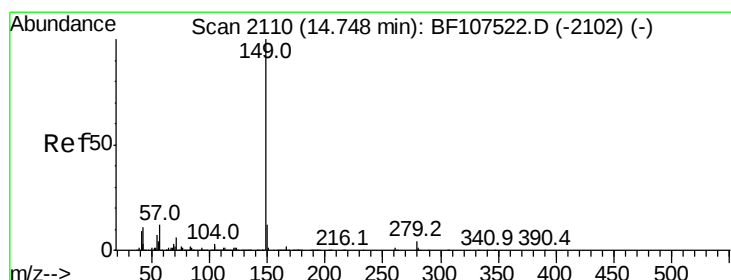
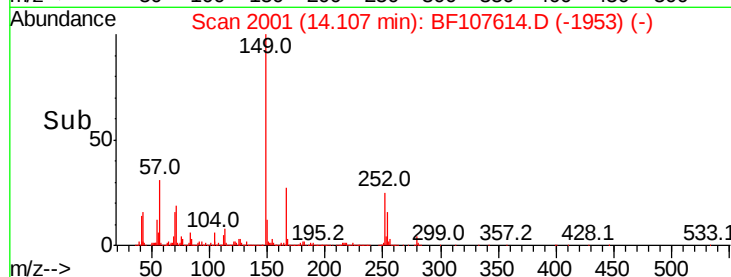
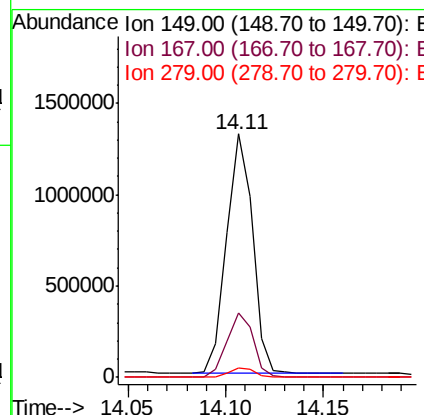
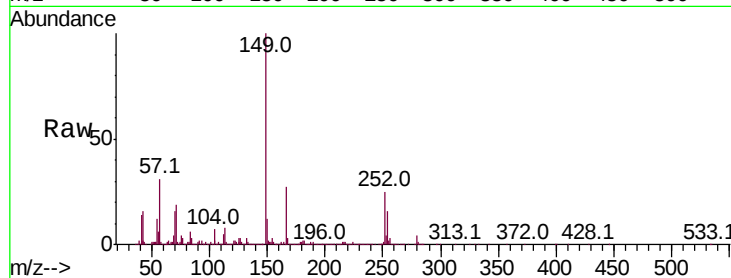
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.986 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB111380BS

Tot Ion:149 Resp: 1221995
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.3 31.9
 279 3.7 3.0 4.4

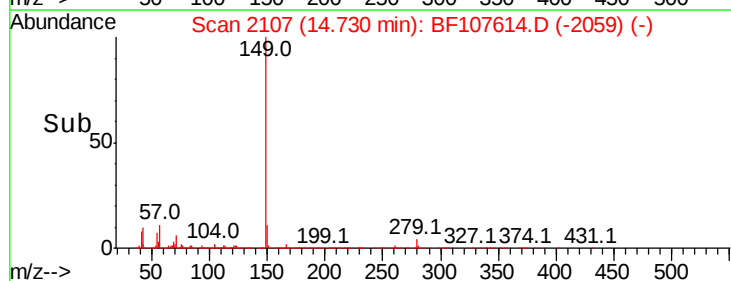
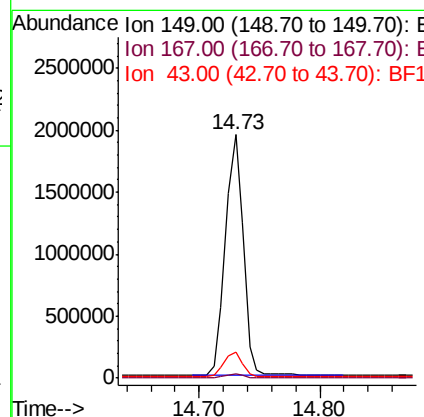
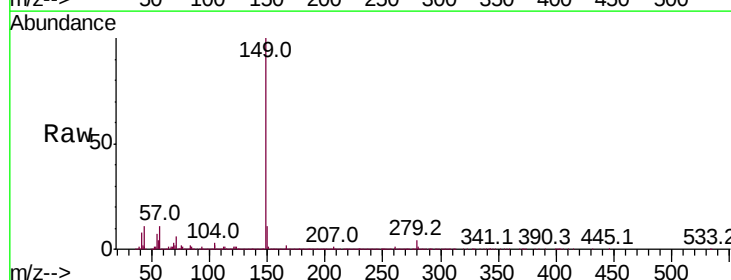
Manual Integrations
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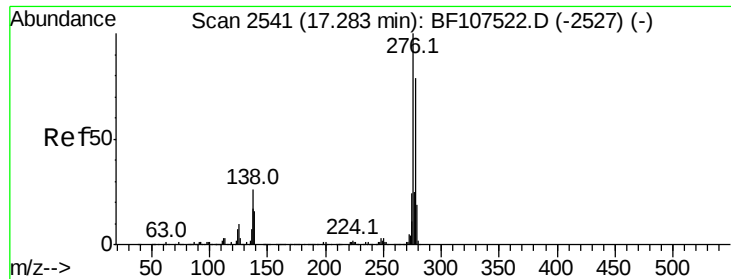
Sohil
 7/25/2018 12:57:59 PM



#84
 Di-n-octyl phthalate
 Concen: 38.785 ng
 RT: 14.73 min Scan# 2107
 Delta R.T. -0.02 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

Tgt Ion:149 Resp: 1991814
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.9 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.419 ng

RT: 17.27 min Scan# 2538

Delta R.T. -0.02 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Instrument :

BNA_F

ClientSampleId :

PB111380BS

Tot Ion:276 Resp: 1573002

Ion Ratio Lower Upper

276 100

138 25.0 25.0 37.6#

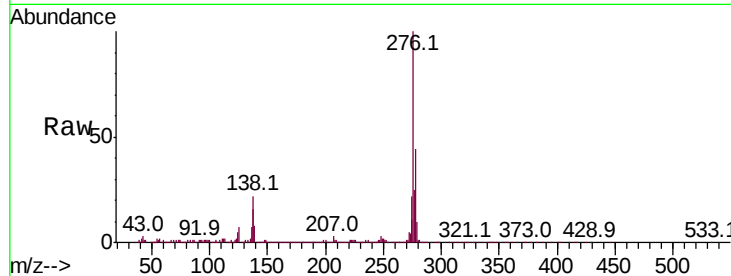
277 25.2 20.1 30.1

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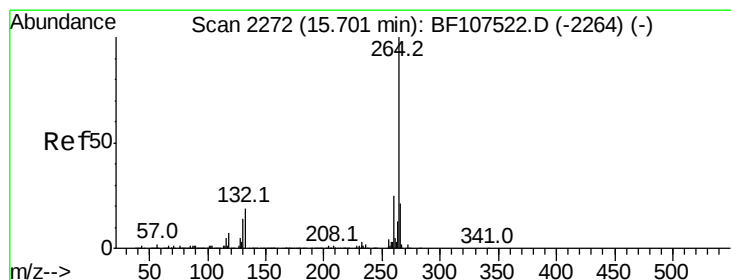
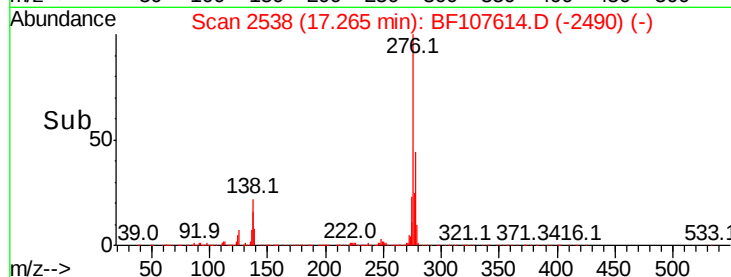
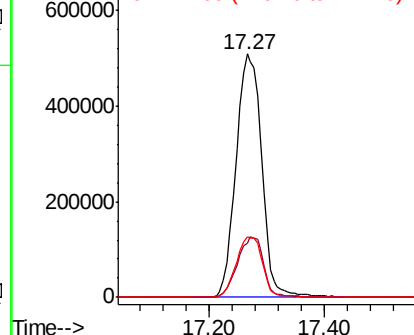
7/25/2018 12:57:59 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

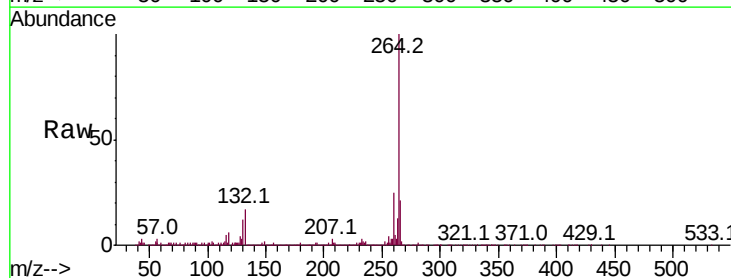
Tgt Ion:264 Resp: 712880

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

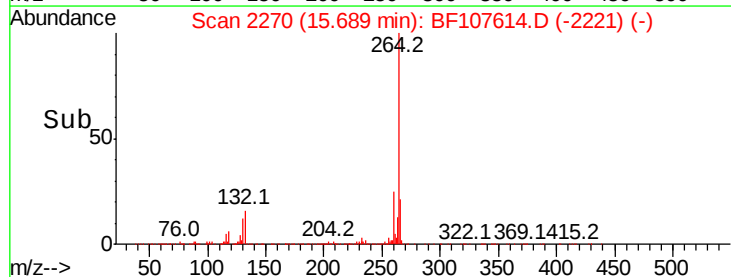
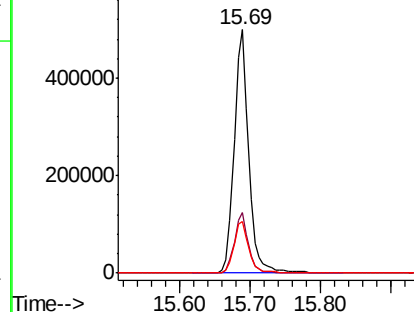
265 21.1 17.5 26.3

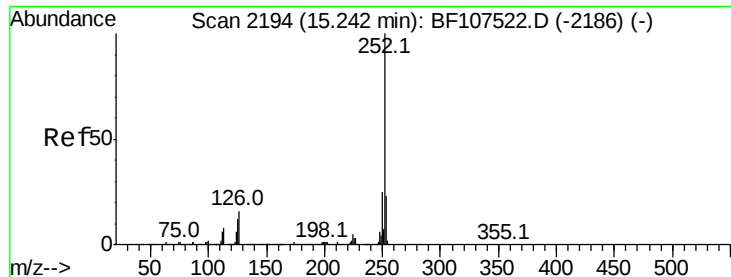


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.089 ng

RT: 15.23 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Instrument :

BNA_F

ClientSampleId :

PB111380BS

Tot Ion:252 Resp: 1603108

Ion Ratio Lower Upper

252 100

253 22.7 17.0 25.6

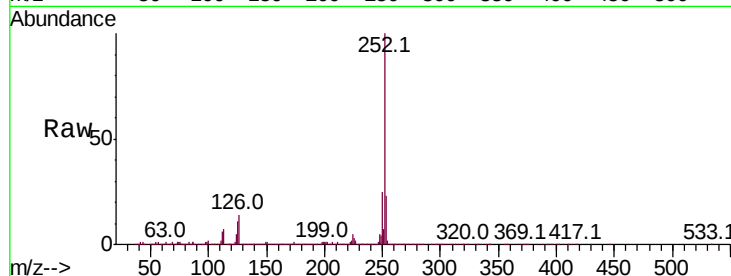
125 10.5 9.0 13.6

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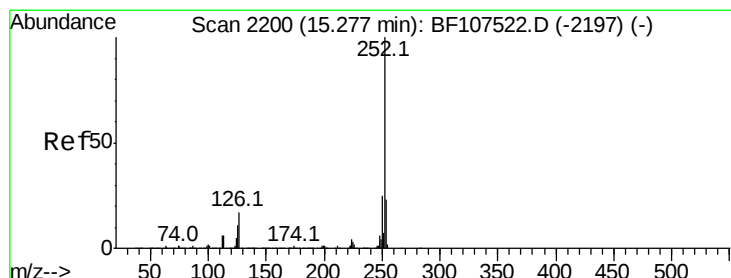
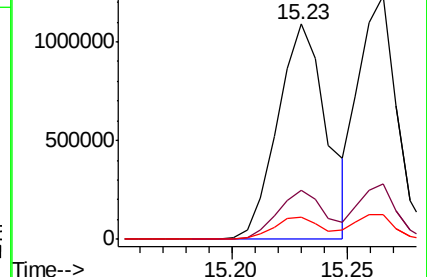
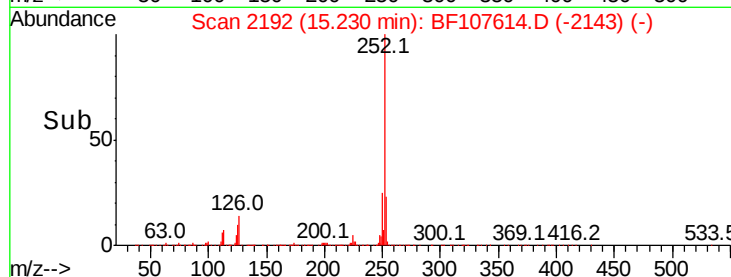
7/25/2018 12:57:59 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.468 ng m

RT: 15.27 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

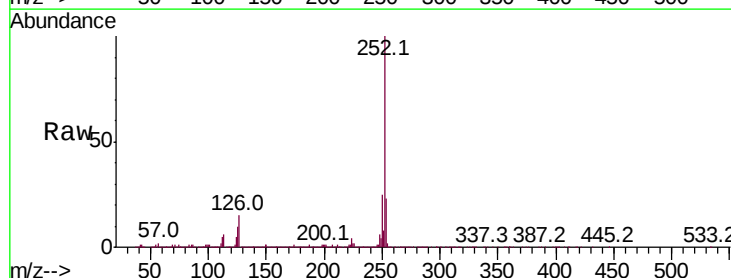
Tgt Ion:252 Resp: 1470402

Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

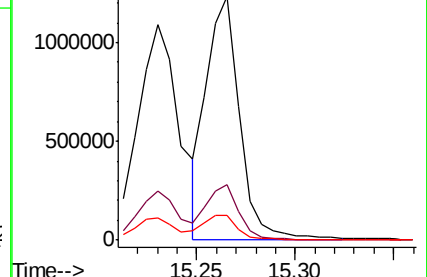
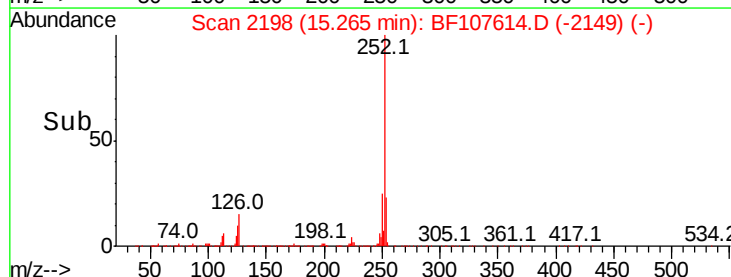
125 9.9 10.2 15.2#

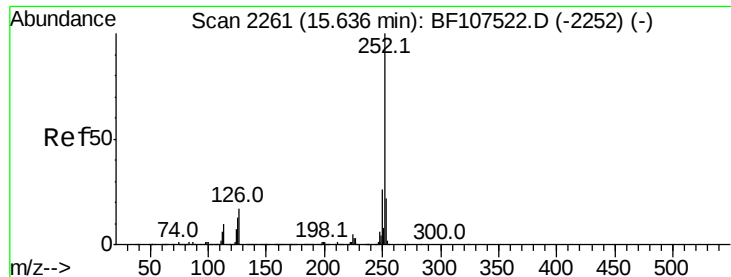


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.263 ng

RT: 15.62 min Scan# 2259

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

Instrument :

BNA_F

ClientSampleId :

PB111380BS

Tot Ion:252 Resp: 1472602

Ion Ratio Lower Upper

252 100

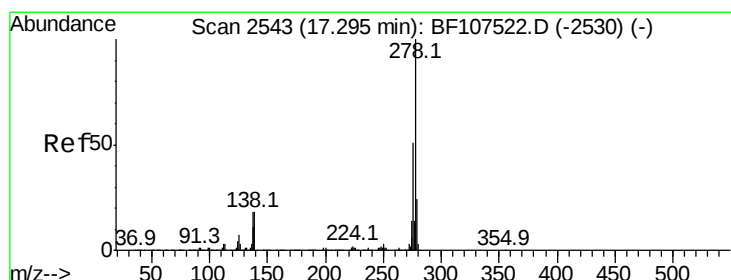
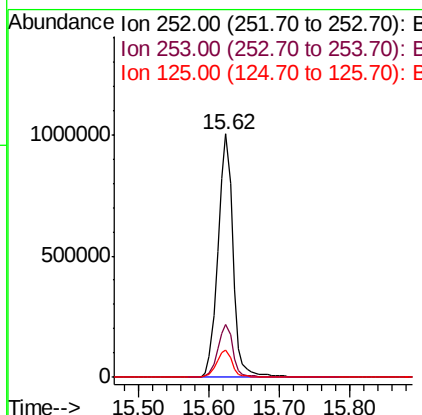
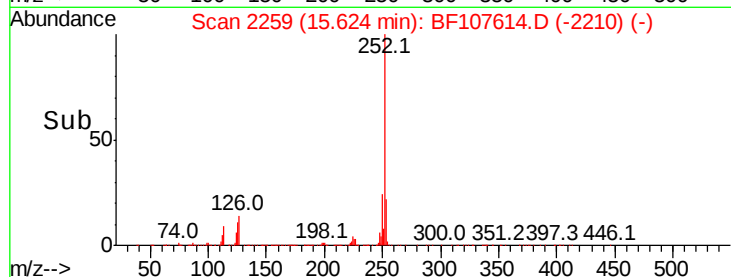
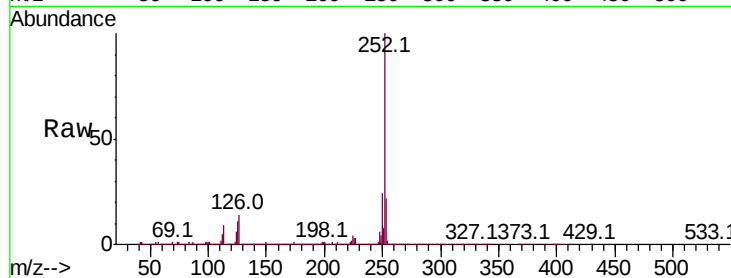
253 21.7 17.1 25.7

125 11.2 9.8 14.6

Manual Integrations
APPROVED

Sohil

7/25/2018 12:57:59 PM



#90

Dibenzo(a,h)anthracene

Concen: 42.557 ng

RT: 17.28 min Scan# 2541

Delta R.T. -0.01 min

Lab File: BF107614.D

Acq: 24 Jul 2018 13:10

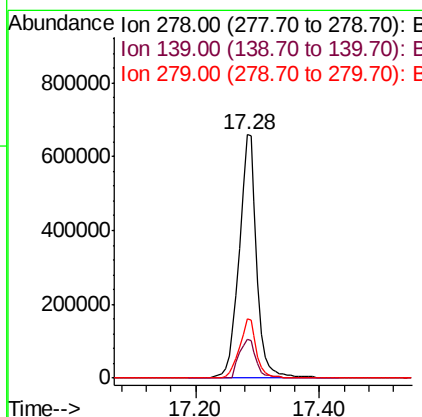
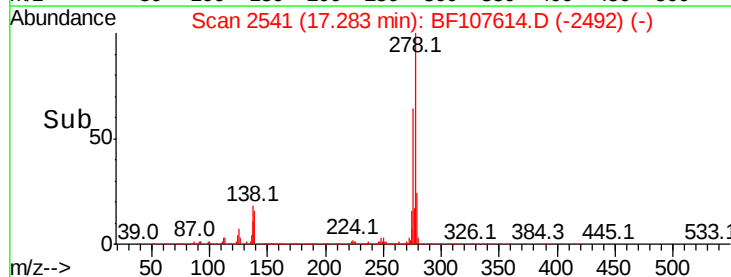
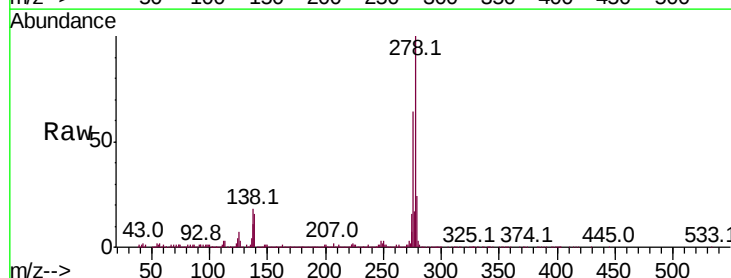
Tgt Ion:278 Resp: 1312881

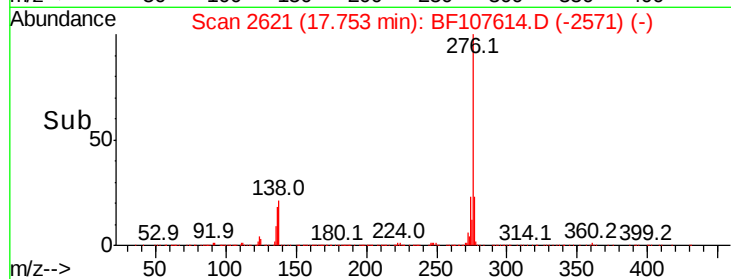
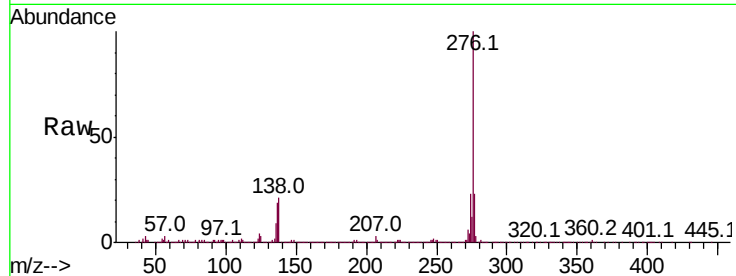
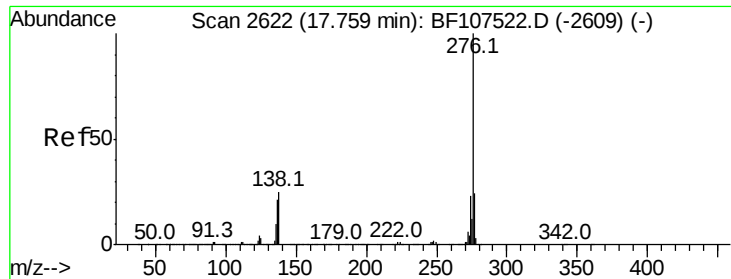
Ion Ratio Lower Upper

278 100

139 16.1 15.9 23.9

279 24.2 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 43.173 ng
 RT: 17.75 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BF107614.D
 Acq: 24 Jul 2018 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB111380BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	21.4	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 7/25/2018 12:57:59 PM

