

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
 Data File : BF107941.D
 Acq On : 3 Aug 2018 16:50
 Operator : JU/SJ
 Sample : J4285-05MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-2MSD

Manual Integrations
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Sohil
 8/6/2018 5:05:28 PM

Quant Time: Aug 03 17:52:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	127569	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	567336	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	246578	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	463514	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	309250	20.00	ng	-0.01
86) Perylene-d12	15.68	264	366059	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	552297	73.58	ng	0.00
7) Phenol-d6	6.60	99	751622	75.98	ng	0.00
23) Nitrobenzene-d5	7.52	82	511883	51.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	233600	69.72	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	1041507	58.86	ng	-0.01
78) Terphenyl-d14	13.07	244	848083	59.47	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.84	88	72318	23.850	ng	# 83
3) Pyridine	3.68	79	154848m	21.538	ng	
4) n-Nitrosodimethylamine	3.65	42	64808m	16.969	ng	
6) Aniline	6.65	93	181049	17.596	ng	# 68
8) 2-Chlorophenol	6.75	128	252125	26.741	ng	94
9) Benzaldehyde	6.61	77	110717	18.550	ng	98
10) Phenol	6.62	94	339150	28.748	ng	90
11) bis(2-Chloroethyl)ether	6.68	93	296884	28.301	ng	96
12) 1,3-Dichlorobenzene	6.90	146	251024	25.384	ng	96
13) 1,4-Dichlorobenzene	6.97	146	292459	26.568	ng	99
14) 1,2-Dichlorobenzene	7.12	146	278691	27.273	ng	99
15) Benzyl Alcohol	7.12	79	142617	23.195	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.22	45	409466	27.149	ng	66
17) 2-Methylphenol	7.22	107	173954	24.993	ng	# 65
18) Hexachloroethane	7.45	117	99859	25.238	ng	94
19) n-Nitroso-di-n-propylamine	7.35	70	177685	28.315	ng	96
20) 3+4-Methylphenols	7.38	107	202340	23.678	ng	# 72
22) Acetophenone	7.37	105	366186	26.828	ng	96
24) Nitrobenzene	7.54	77	226434	21.928	ng	98
25) Isophorone	7.77	82	498634	30.846	ng	99
26) 2-Nitrophenol	7.86	139	135932	26.230	ng	97
27) 2,4-Dimethylphenol	7.90	122	216519	31.206	ng	96
28) bis(2-Chloroethoxy)methane	7.98	93	290164	27.237	ng	96
29) 2,4-Dichlorophenol	8.11	162	201894	25.725	ng	98
30) 1,2,4-Trichlorobenzene	8.17	180	233314	26.059	ng	98
31) Naphthalene	8.25	128	778658	29.526	ng	99
32) Benzoic acid	7.90	122	216519	46.171	ng	# 15
33) 4-Chloroaniline	8.34	127	187063	16.606	ng	97
34) Hexachlorobutadiene	8.36	225	137324	24.820	ng	97
35) Caprolactam	8.67	113	50172	21.236	ng	# 86
36) 4-Chloro-3-methylphenol	8.80	107	208667	24.481	ng	97
37) 2-Methylnaphthalene	8.95	142	498550	30.095	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	245057	29.149	ng	# 96
40) Hexachlorocyclopentadiene	9.09	237	94710	31.160	ng	97

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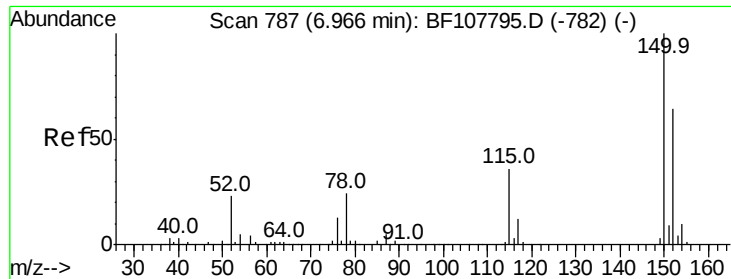
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	123282	26.525	nq	99
43) 2,4,5-Trichlorophenol	9.29	196	158846	28.390	nq	96
45) 1,1'-Biphenyl	9.41	154	652904	29.096	nq	97
46) 2-Chloronaphthalene	9.44	162	479312	28.325	nq	97
47) 2-Nitroaniline	9.56	65	144688	26.286	nq	95
48) Acenaphthylene	9.85	152	766370	29.213	nq	100
49) Dimethylphthalate	9.71	163	647409	34.961	nq	99
50) 2,6-Dinitrotoluene	9.78	165	113061	28.094	nq	90
51) Acenaphthene	10.02	154	451888	29.653	nq	98
52) 3-Nitroaniline	9.98	138	104861	20.678	nq	96
53) 2,4-Dinitrophenol	10.13	184	9510	12.451	nq #	68
54) Dibenzofuran	10.20	168	639571	27.153	nq	97
55) 4-Nitrophenol	10.20	139	367067	145.207	nq #	20
56) 2,4-Dinitrotoluene	10.20	165	140144	26.495	nq #	75
57) Fluorene	10.54	166	519924	28.403	nq	95
58) 2,3,4,6-Tetrachlorophenol	10.32	232	123831	24.096	nq #	77
59) Diethylphthalate	10.40	149	626579	31.470	nq	99
60) 4-Chlorophenyl-phenylether	10.53	204	257452	25.817	nq	92
61) 4-Nitroaniline	10.61	138	101220	22.492	nq	99
62) Azobenzene	10.69	77	477426	25.747	nq	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	23913	9.483	nq #	77
65) n-Nitrosodiphenylamine	10.65	169	447791	29.340	nq	99
66) 4-Bromophenyl-phenylether	11.02	248	156365	28.943	nq #	89
67) Hexachlorobenzene	11.09	284	163738	27.331	nq #	89
68) Atrazine	11.18	200	121480	26.893	nq	95
69) Pentachlorophenol	11.30	266	77046	26.125	nq	95
70) Phenanthrene	11.51	178	627896	28.529	nq	98
71) Anthracene	11.57	178	774722	30.518	nq	99
72) Carbazole	11.74	167	641589	25.575	nq	99
73) Di-n-butylphthalate	12.03	149	766255	27.997	nq	100
74) Fluoranthene	12.71	202	663528	25.662	nq	96
76) Benzidine	12.85	184	236325	23.635	nq	97
77) Pyrene	12.94	202	620795	27.878	nq	97
79) Butylbenzylphthalate	13.54	149	251405	25.781	nq	93
80) Benzo(a)anthracene	14.13	228	480081	27.405	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	169139	24.907	nq #	97
82) Chrysene	14.17	228	562168	29.753	nq	98
83) Bis(2-ethylhexyl)phthalate	14.09	149	329771	26.900	nq	99
84) Di-n-octyl phthalate	14.71	149	587804	29.872	nq	97
85) Indeno(1,2,3-cd)pyrene	17.26	276	647026	45.020	nq	93
87) Benzo(b)fluoranthene	15.22	252	456723	25.298	nq	98
88) Benzo(k)fluoranthene	15.25	252	646025	29.145	nq	97
89) Benzo(a)pyrene	15.61	252	556125	29.838	nq	98
90) Dibenzo(a,h)anthracene	17.27	278	542930	33.395	nq #	95
91) Benzo(g,h,i)perylene	17.74	276	507657	32.271	nq #	93

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



#1

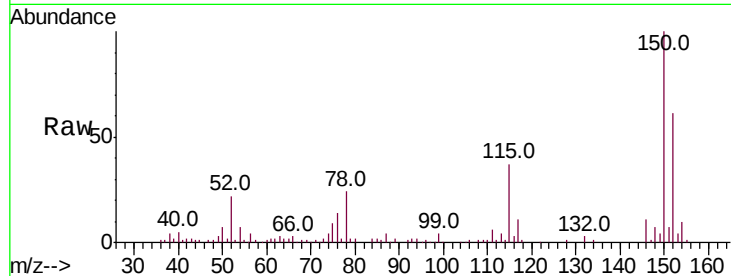
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Instrument :
BNA_F
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KG-PIT-2MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.0	124.6	186.8
115	60.3	50.1	75.1

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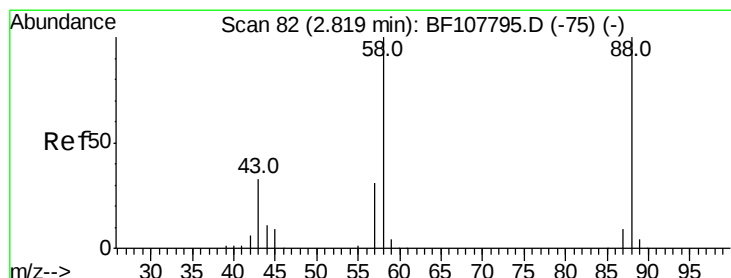
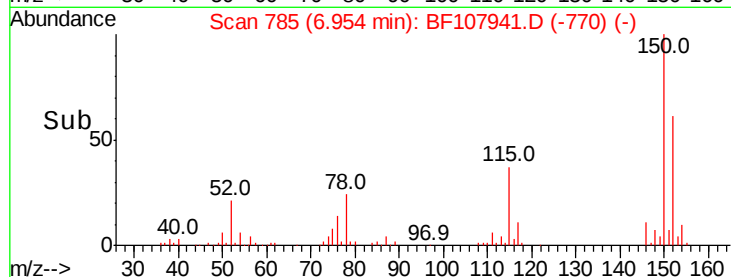
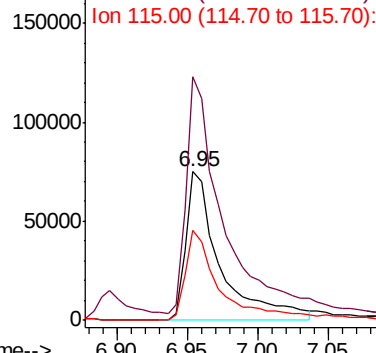


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

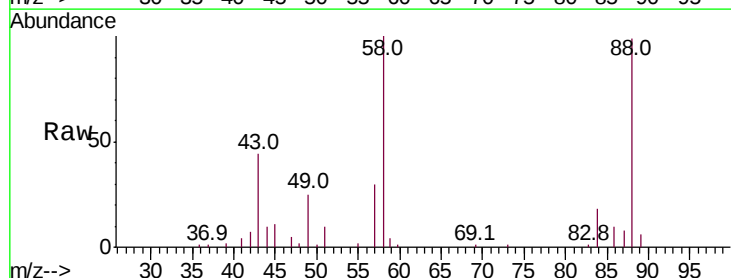
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 23.850 ng
RT: 2.84 min Scan# 85
Delta R.T. 0.02 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.5	62.6	93.8
43	22.8	24.6	37.0

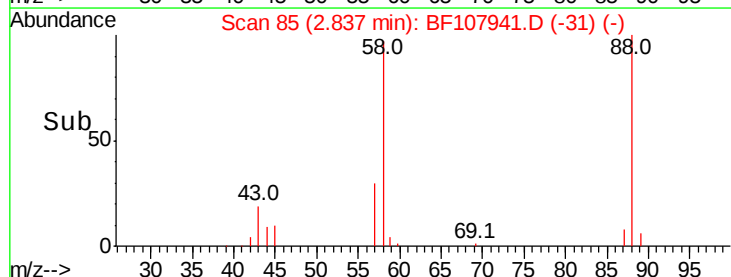
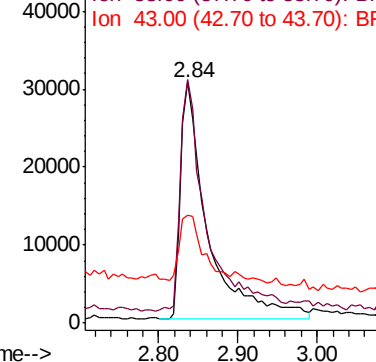


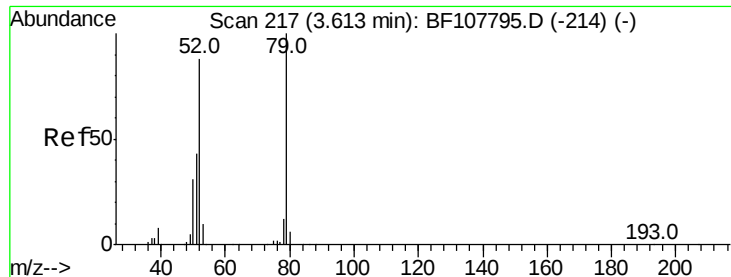
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 21.538 ng m

RT: 3.68 min Scan# 228

Delta R.T. 0.06 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

Instrument :

BNA_F

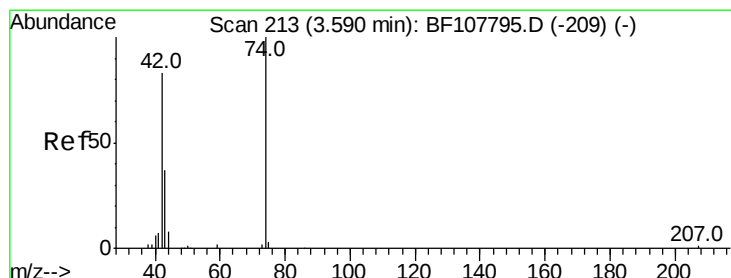
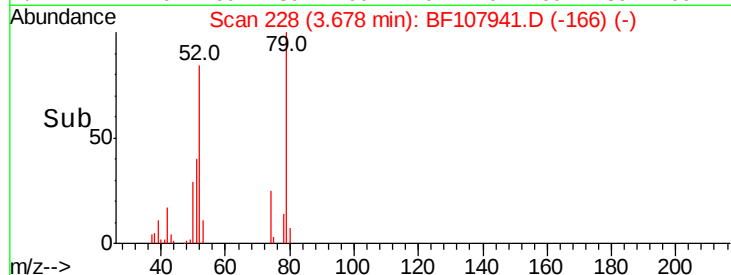
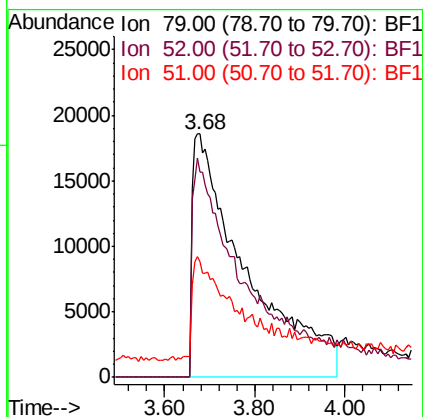
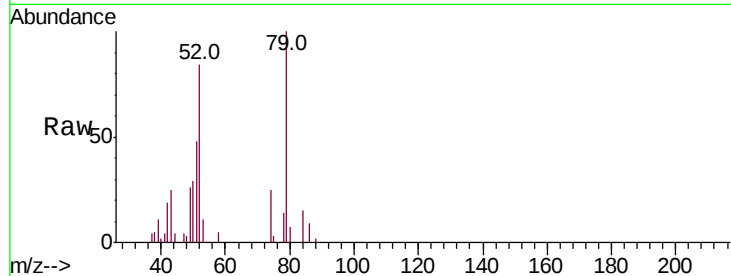
ClientSampleId :

KG-PIT-2MSD

Tot Ion:	79	Resp:	154848
Ion Ratio	Lower	Upper	
79	100		
52	84.5	59.8	89.6
51	47.5	29.8	44.8#

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#4

n-Nitrosodimethylamine

Concen: 16.969 ng m

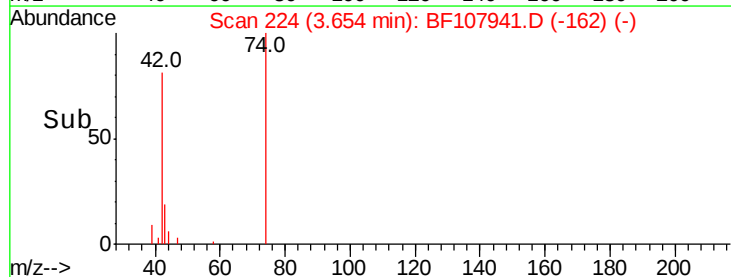
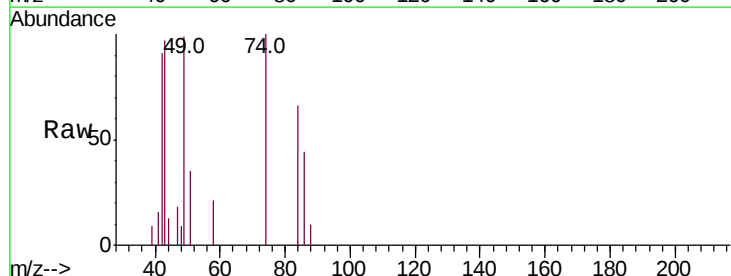
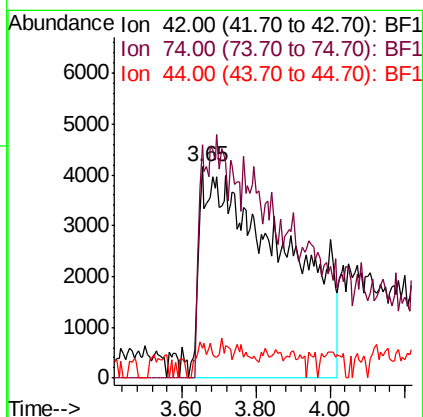
RT: 3.65 min Scan# 224

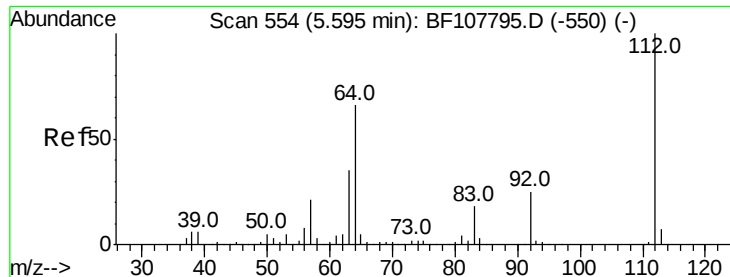
Delta R.T. 0.06 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

Tgt Ion:	42	Resp:	64808
Ion Ratio	Lower	Upper	
42	100		
74	110.4	104.9	157.3
44	14.2	6.9	10.3#





#5

2-Fluorophenol

Concen: 73.580 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

Instrument :

BNA_F

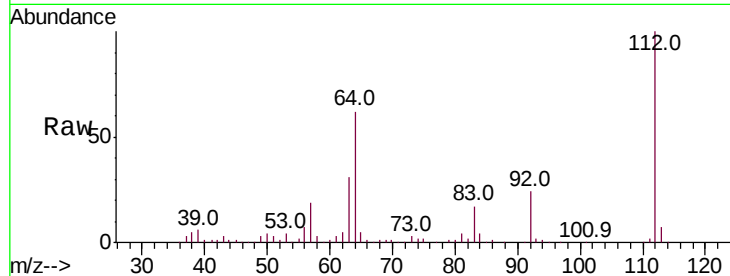
ClientSampleId :

KG-PIT-2MSD

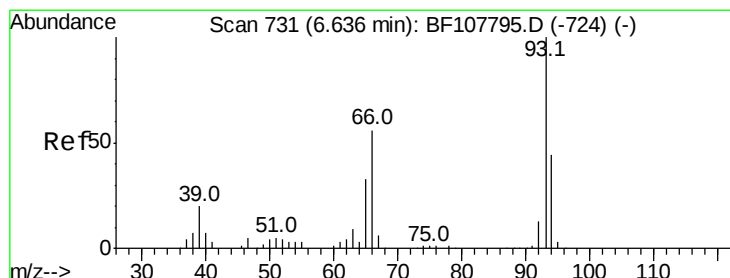
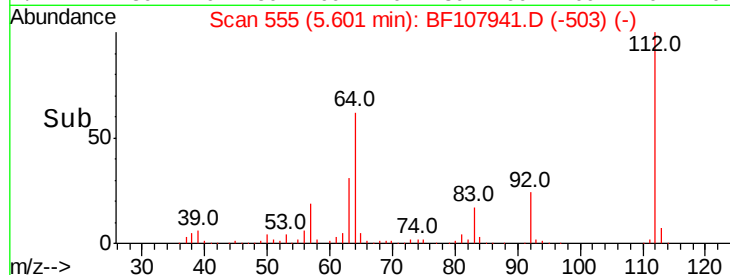
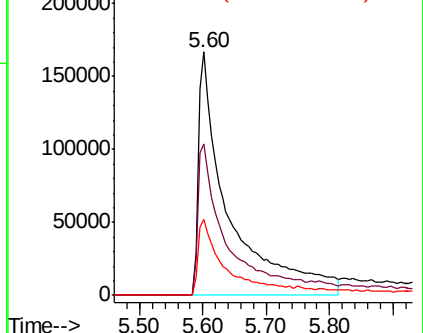
Tot Ion:	112	Resp:	552297
Ion Ratio	Lower	Upper	
112	100		
64	62.3	47.9	71.9
63	31.2	23.7	35.5

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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: 17.596 ng

RT: 6.65 min Scan# 733

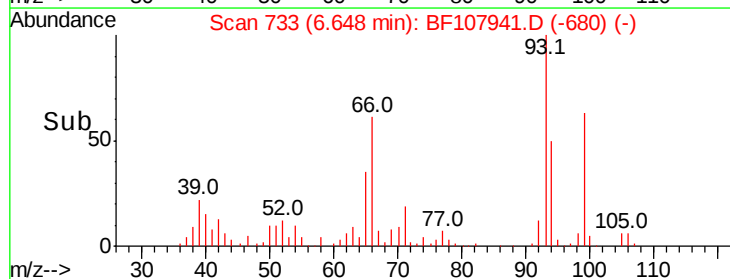
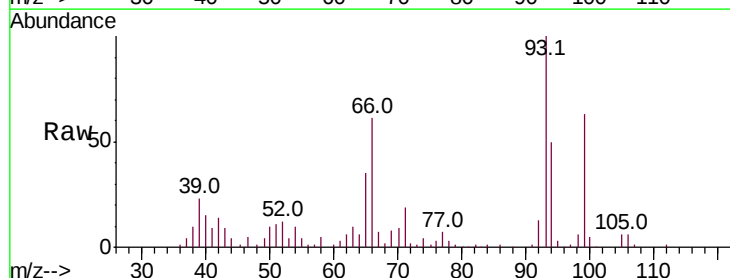
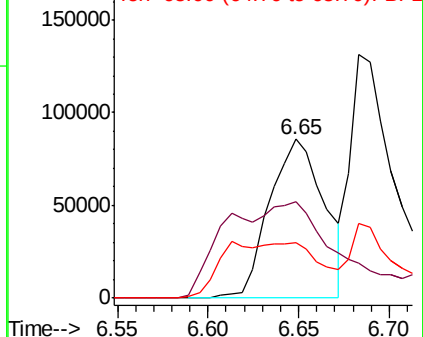
Delta R.T. 0.01 min

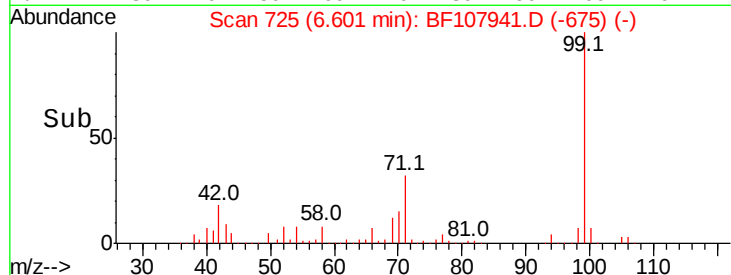
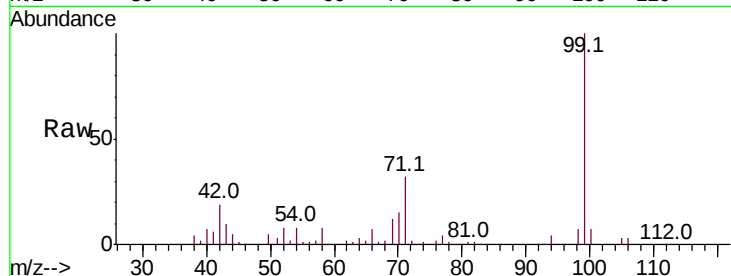
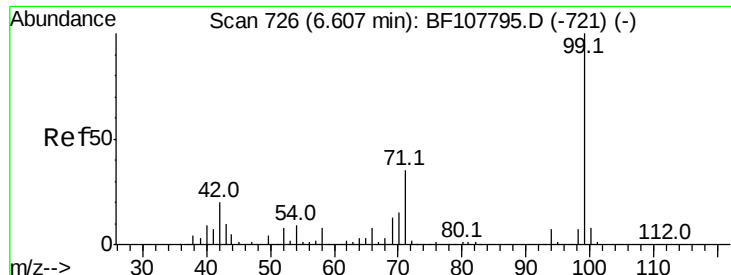
Lab File: BF107941.D

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Tgt Ion:	93	Resp:	181049
Ion Ratio	Lower	Upper	
93	100		
66	60.5	32.2	48.2#
65	34.7	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: 75.979 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107941.D

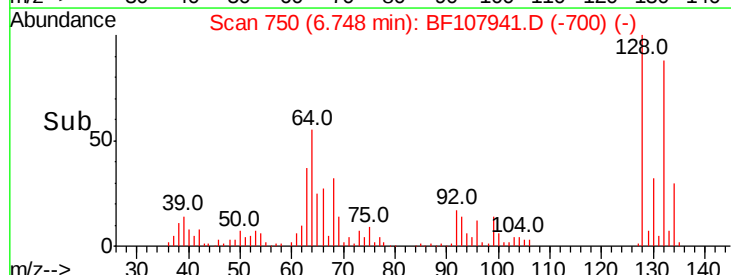
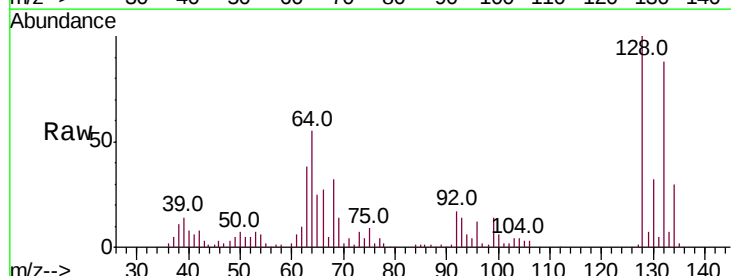
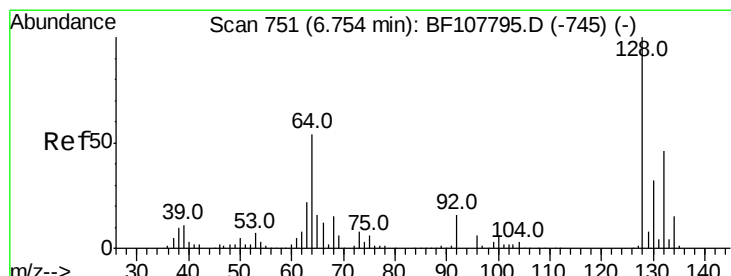
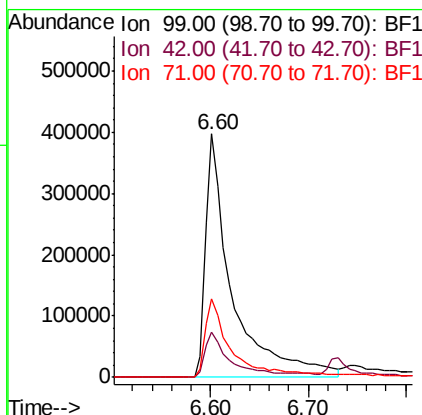
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		751622		
42	18.6	14.5	21.7		
71	32.3	25.4	38.0		

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#8

2-Chlorophenol

Concen: 26.741 ng

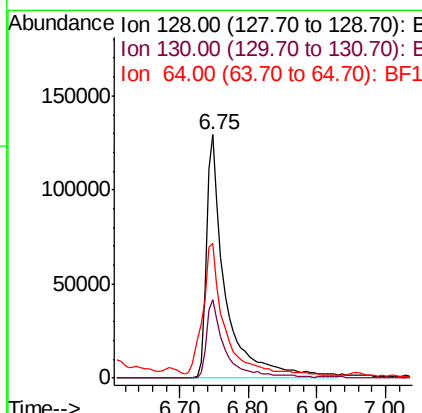
RT: 6.75 min Scan# 750

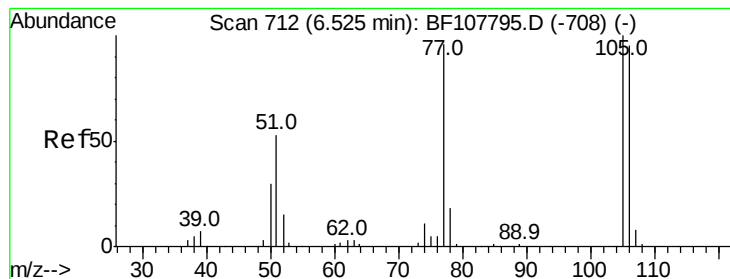
Delta R.T. -0.01 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		252125		
130	32.4	13.0	53.0		
64	55.5	29.4	69.4		





#9

Benzaldehyde

Concen: 18.550 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.09 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

Instrument :

BNA_F

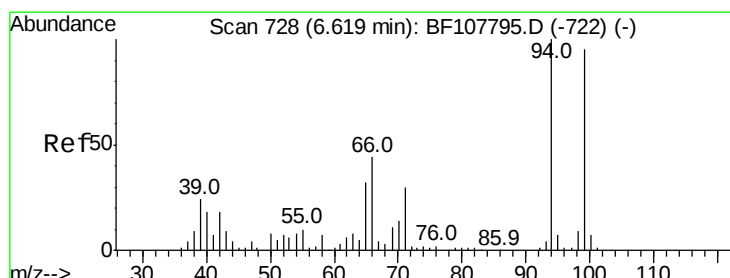
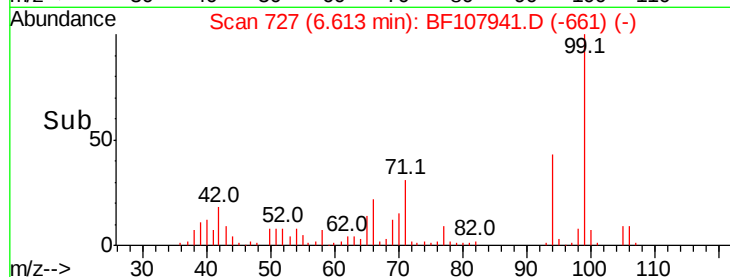
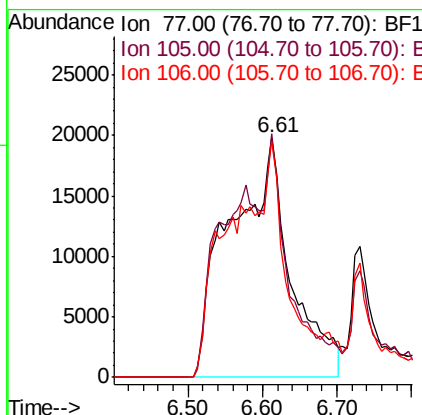
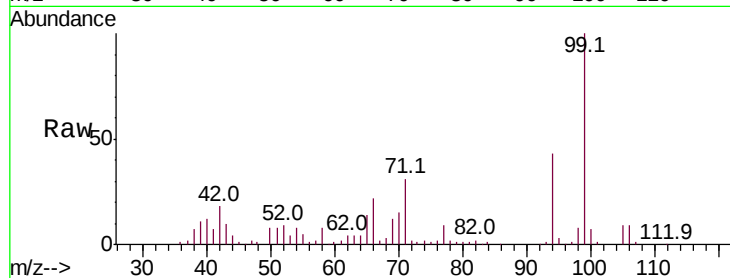
ClientSampleID :

KG-PIT-2MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.7	81.1	121.1
106	98.7	74.5	114.5

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#10

Phenol

Concen: 28.748 ng

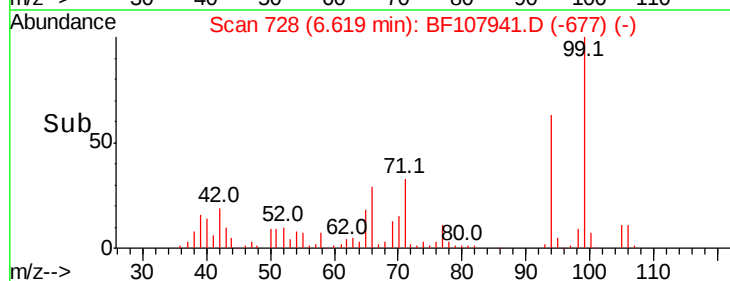
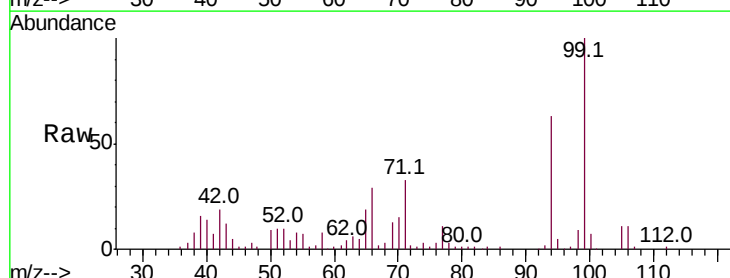
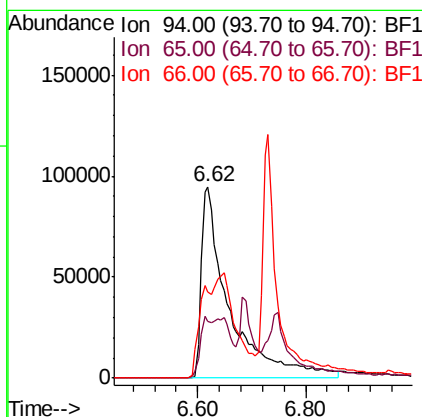
RT: 6.62 min Scan# 728

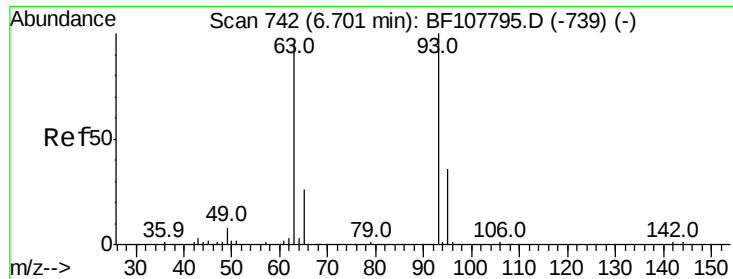
Delta R.T. -0.00 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.8	7.9	47.9
66	45.3	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 28.301 ng

RT: 6.68 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

Instrument :

BNA_F

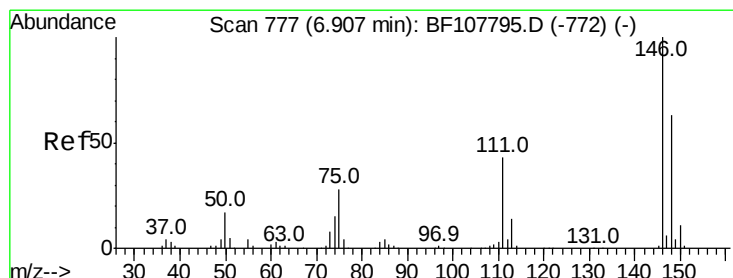
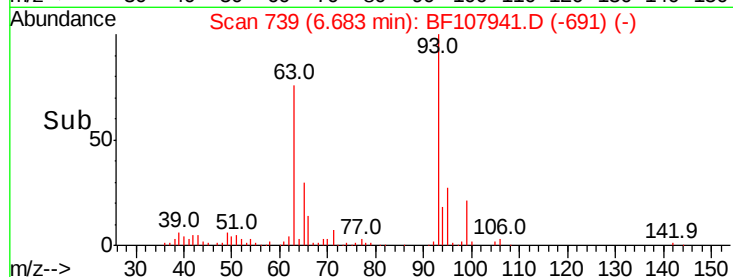
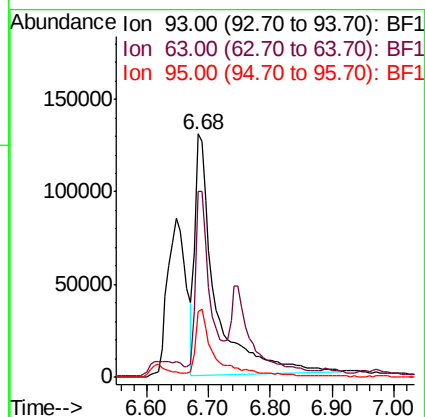
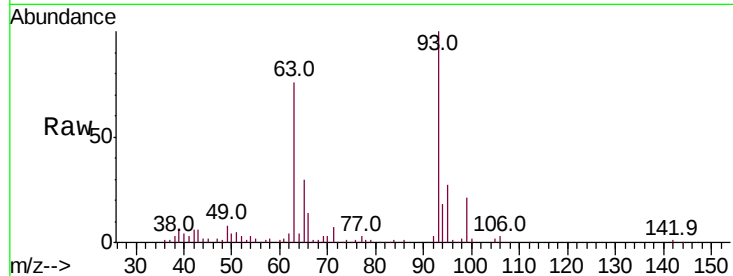
ClientSampleId :

KG-PIT-2MSD

Tot Ion:	93	Resp:	296884
Ion Ratio	Lower	Upper	
93	100		
63	76.3	58.6	98.6
95	27.1	11.8	51.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 25.384 ng

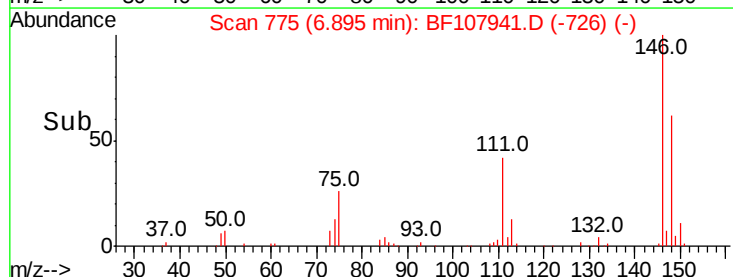
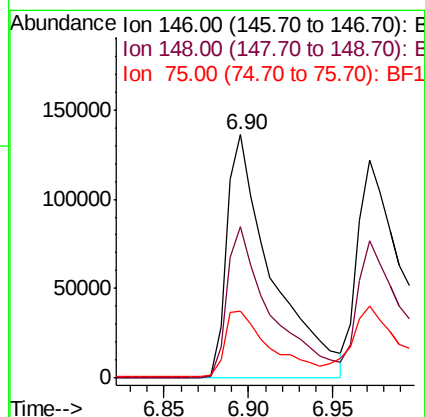
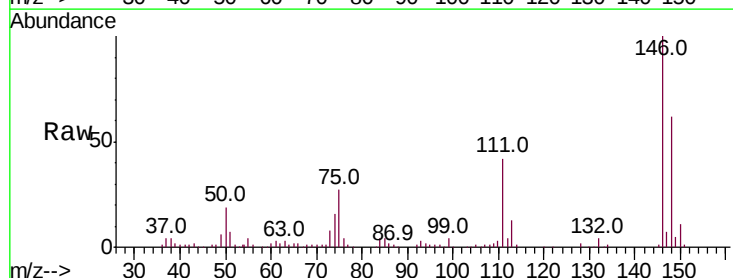
RT: 6.90 min Scan# 775

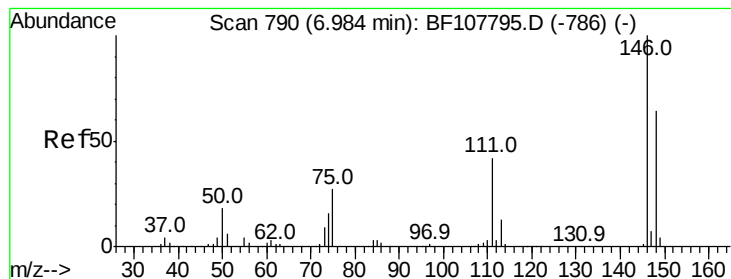
Delta R.T. -0.01 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

Tgt Ion:	146	Resp:	251024
Ion Ratio	Lower	Upper	
146	100		
148	62.2	51.8	77.8
75	27.4	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 26.568 ng

RT: 6.97 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

Instrument :

BNA_F

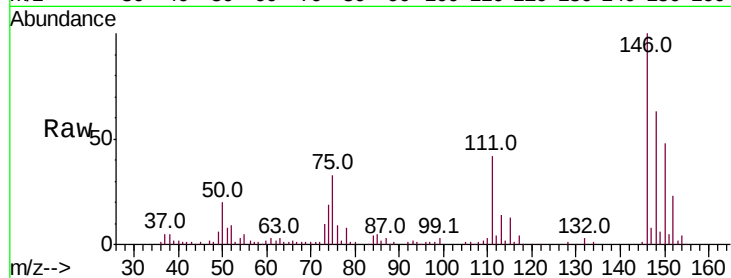
ClientSampled :

KG-PIT-2MSD

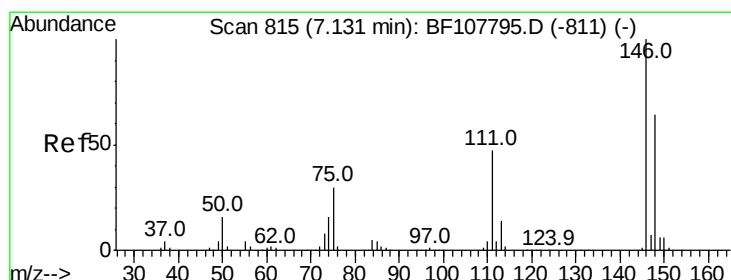
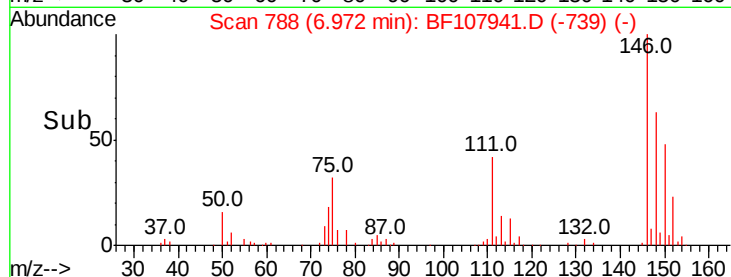
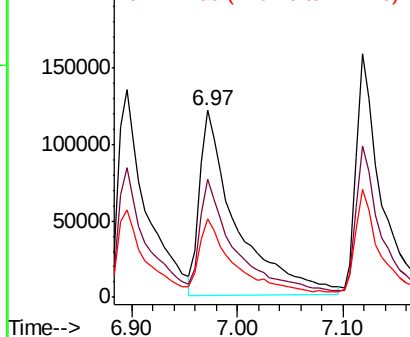
Tot Ion:	146	Resp:	292459
Ion Ratio	Lower	Upper	
146	100		
148	63.1	50.8	76.2
111	42.4	34.2	51.2

Manual Integrations
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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 27.273 ng

RT: 7.12 min Scan# 813

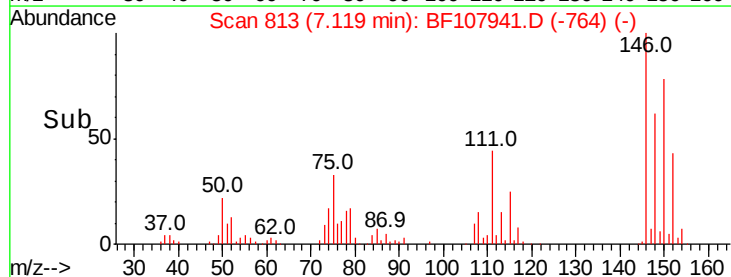
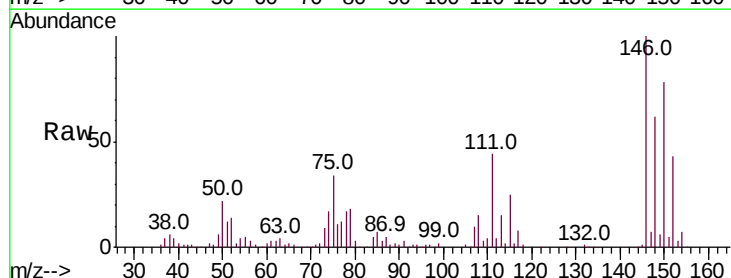
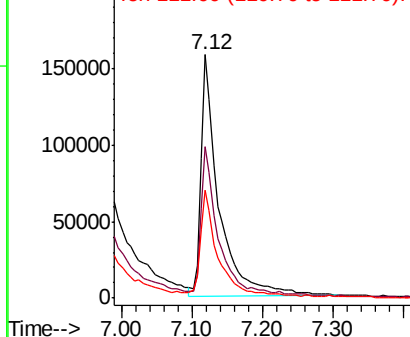
Delta R.T. -0.01 min

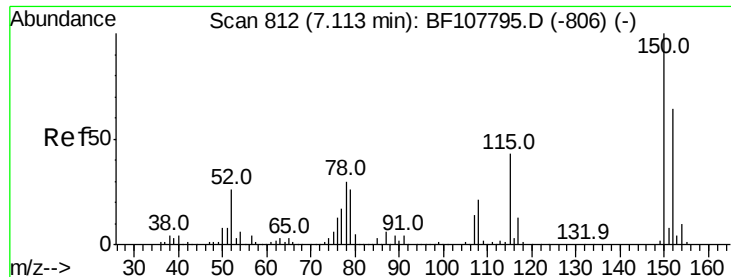
Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

Tgt Ion:	146	Resp:	278691
Ion Ratio	Lower	Upper	
146	100		
148	62.2	50.6	75.8
111	44.1	36.0	54.0

Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 23.195 ng

RT: 7.12 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

Instrument :

BNA_F

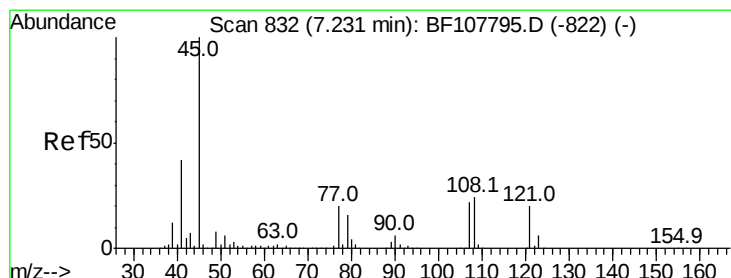
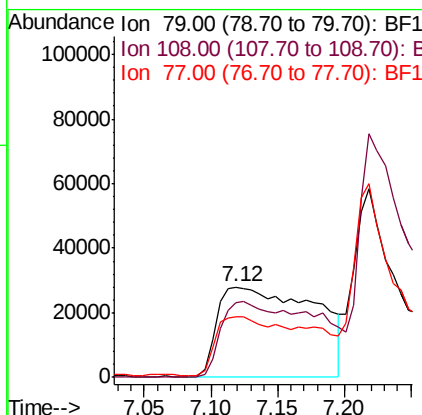
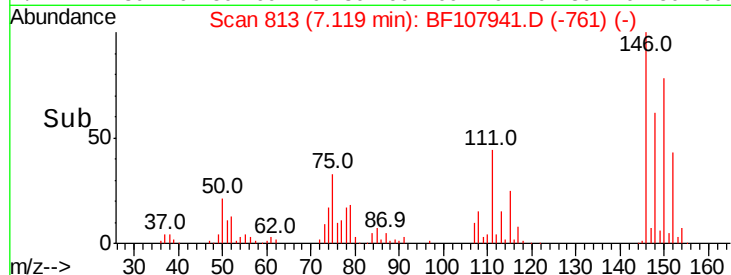
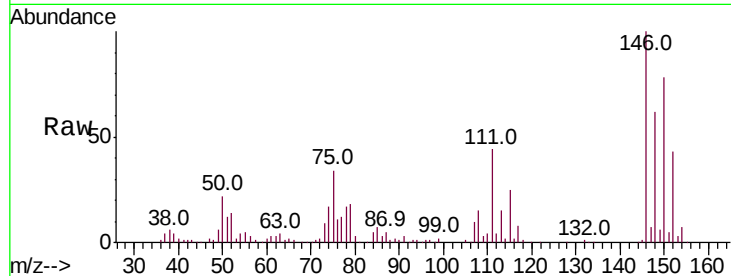
ClientSampled :

KG-PIT-2MSD

Tot Ion:	79	Resp:	142617
Ion Ratio	Lower	Upper	
79	100		
108	82.8	65.1	97.7
77	66.9	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.149 ng

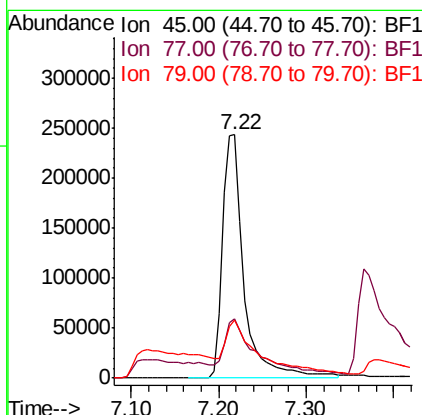
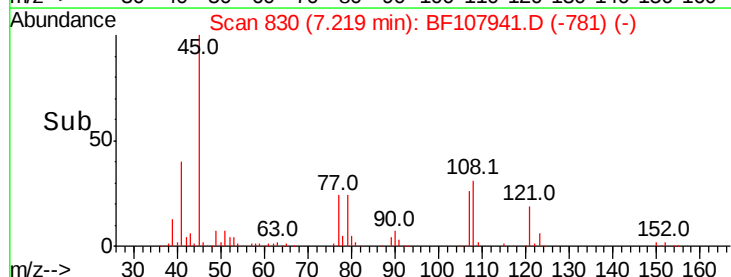
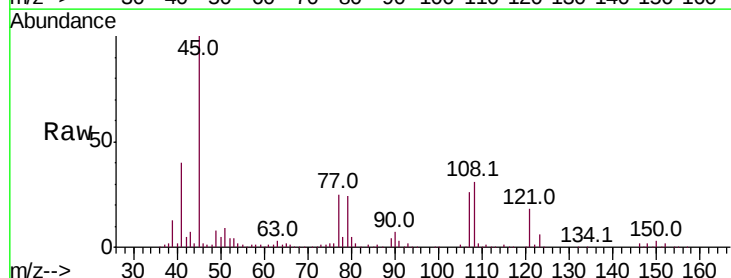
RT: 7.22 min Scan# 830

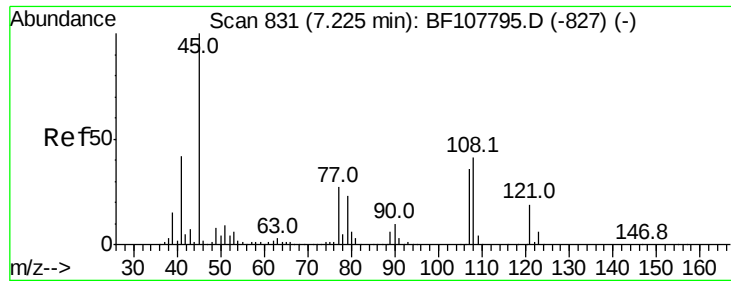
Delta R.T. -0.01 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

Tgt Ion:	45	Resp:	409466
Ion Ratio	Lower	Upper	
45	100		
77	24.6	0.0	32.9
79	24.0	0.0	29.6





#17

2-Methylphenol

Concen: 24.993 ng

RT: 7.22 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

Instrument :

BNA_F

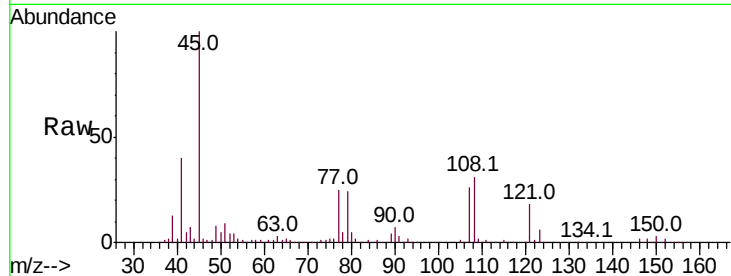
ClientSampleId :

KG-PIT-2MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	117.9	91.7	137.5
77	93.7	33.8	50.8#
79	91.4	33.8	50.8#

Manual Integrations
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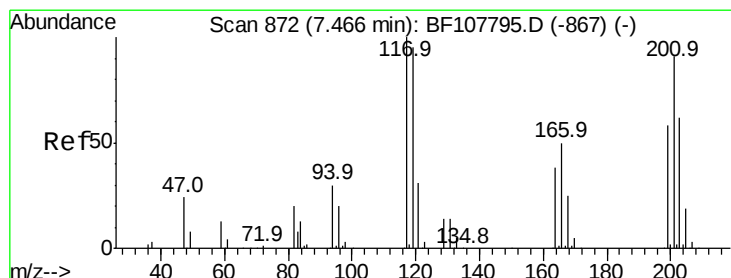
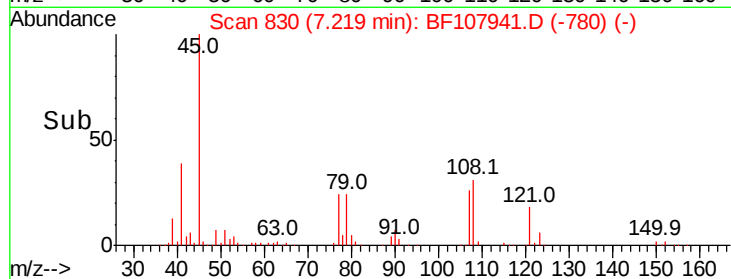
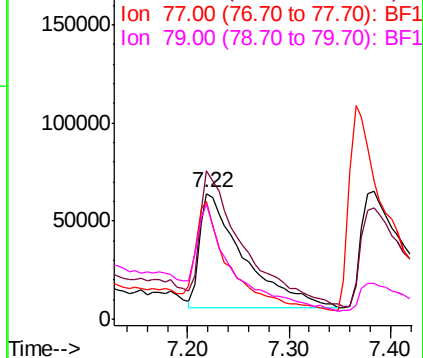
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 25.238 ng

RT: 7.45 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

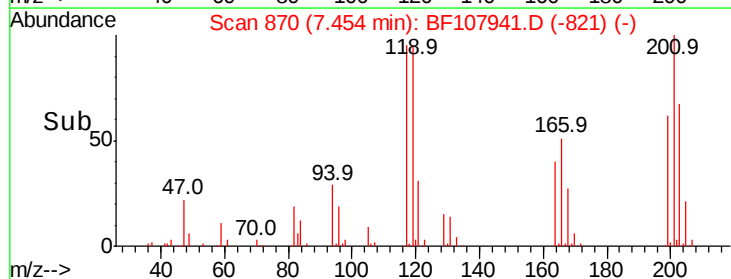
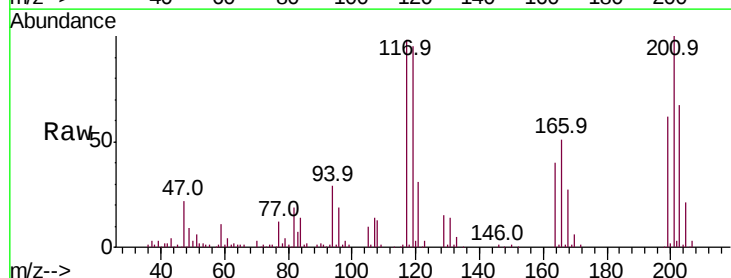
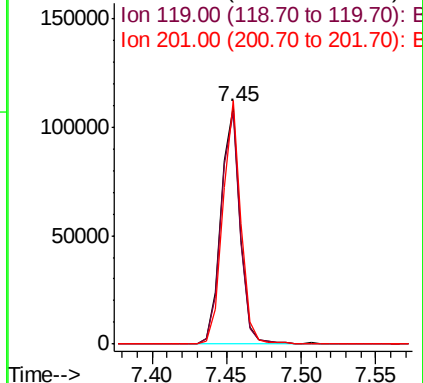
Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	75.8	113.8
201	102.5	75.7	113.5

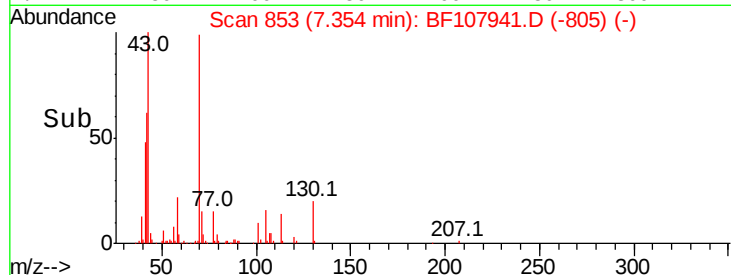
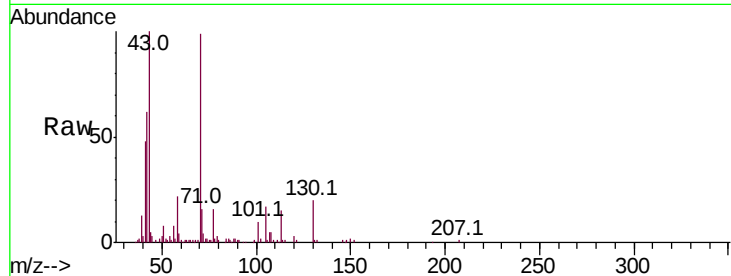
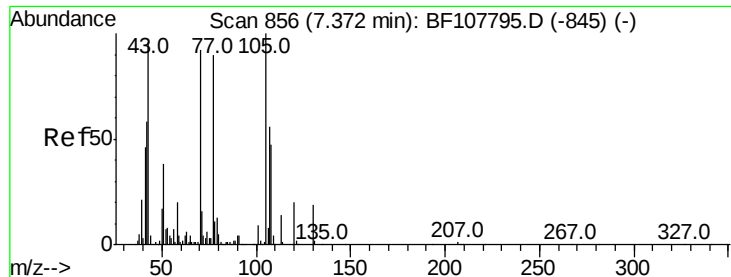
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





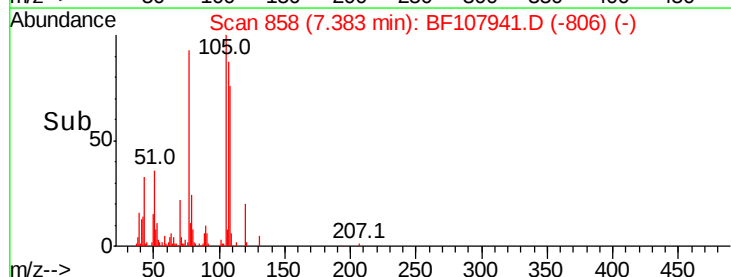
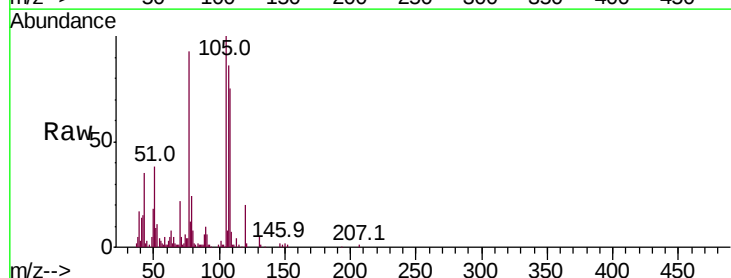
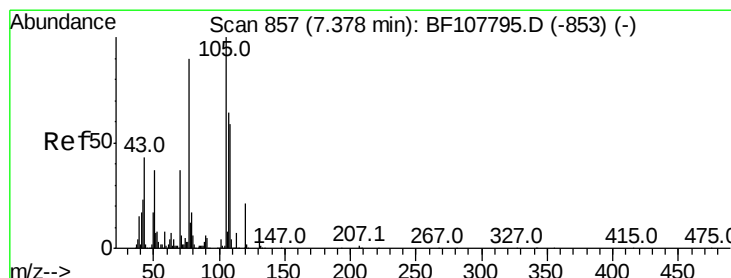
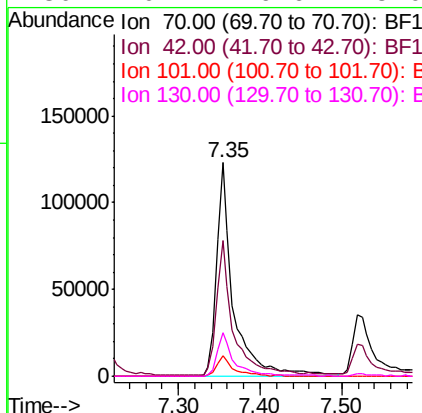
#19
n-Nitroso-di-n-propylamine
Concen: 28.315 ng
RT: 7.35 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.3	47.5	71.3
101	9.9	7.4	11.2
130	20.4	16.6	25.0

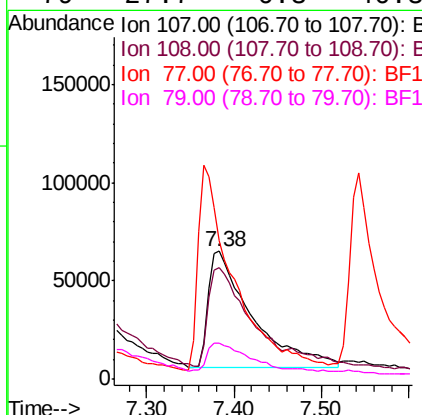
Manual Integrations
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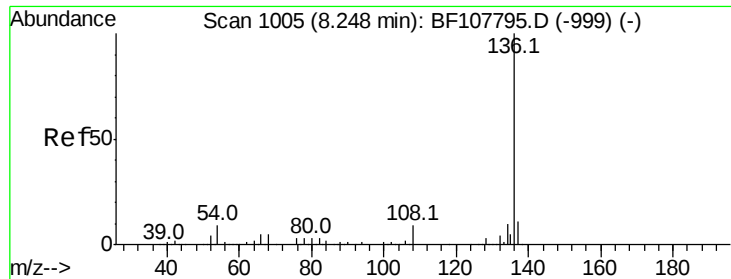
Sohil
8/6/2018 5:05:28 PM



#20
3+4-Methylphenols
Concen: 23.678 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.0	68.2	108.2
77	108.0	26.7	66.7#
79	27.7	6.3	46.3





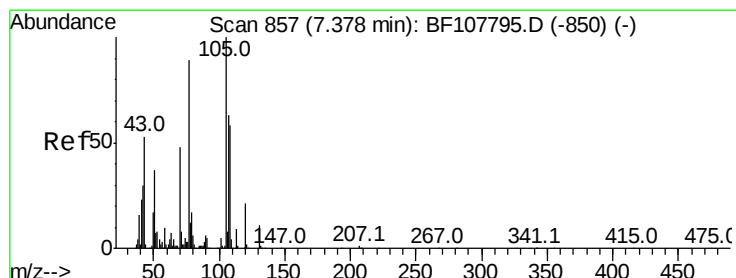
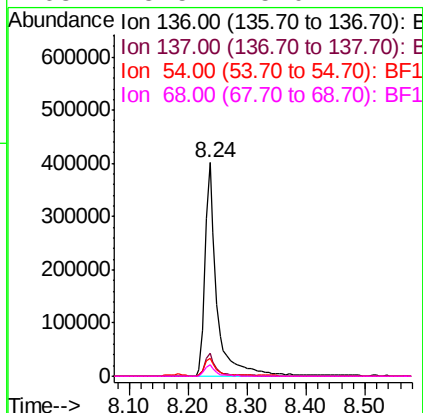
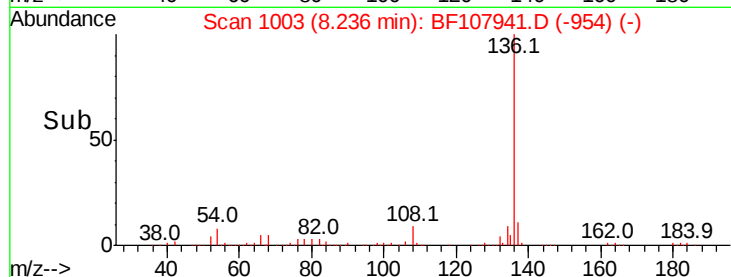
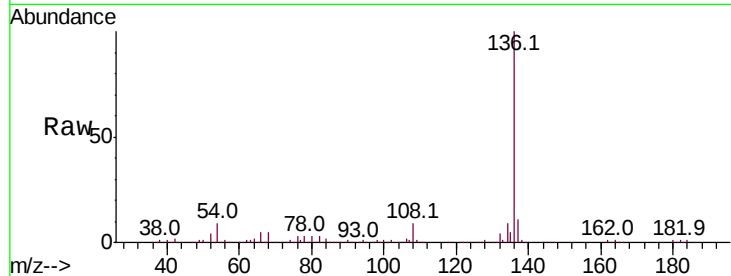
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	567336		
137	10.5		8.9	13.3
54	8.6		6.6	9.8
68	5.5		5.0	7.4

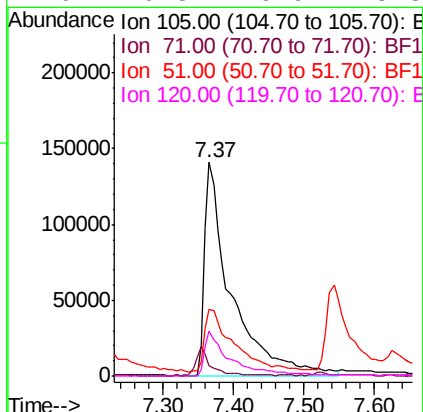
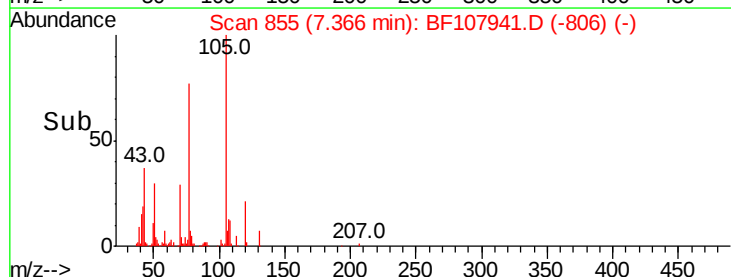
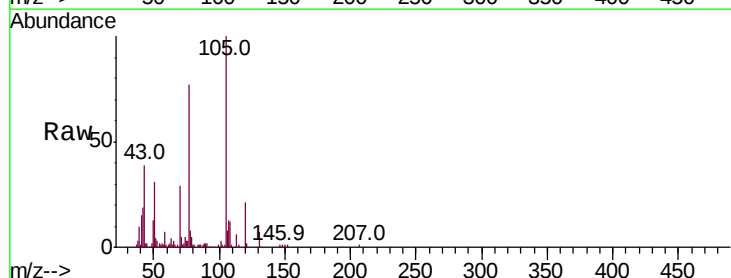
Manual Integrations
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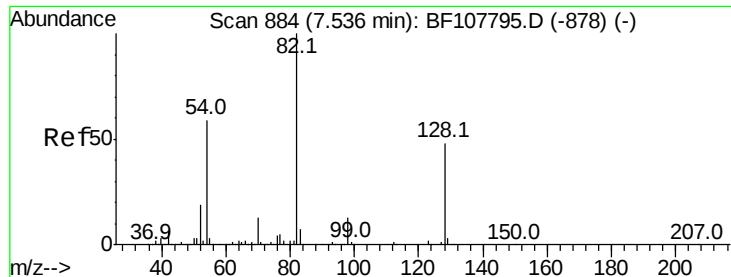
Sohil
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#22
Acetophenone
Concen: 26.828 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	366186		
71	4.8		4.4	6.6
51	31.3		22.3	33.5
120	20.8		16.9	25.3





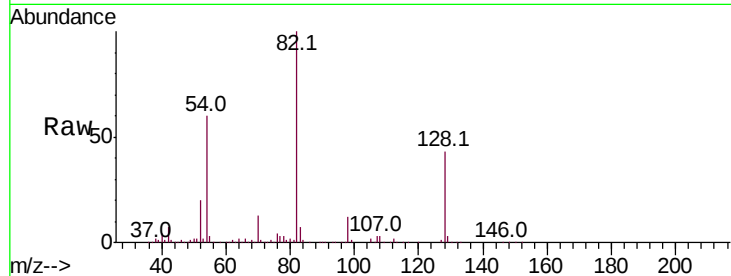
#23
Nitrobenzene-d5
Concen: 51.979 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.1	54.1
54	60.1	41.4	62.2

Manual Integrations
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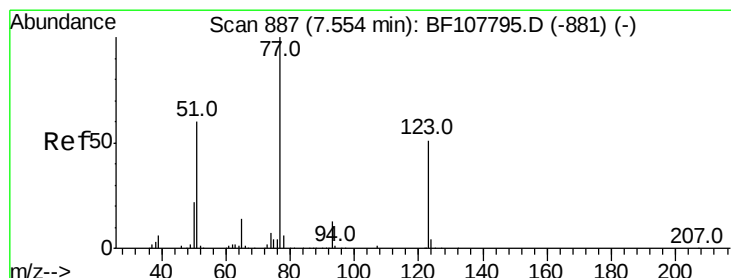
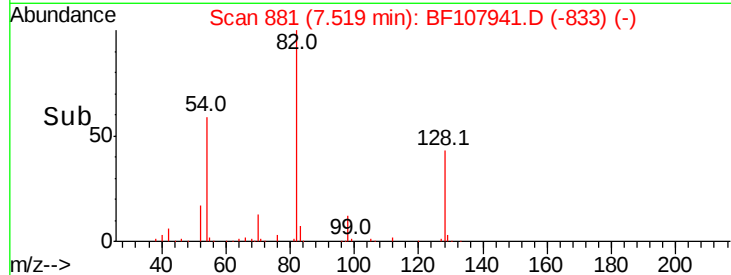
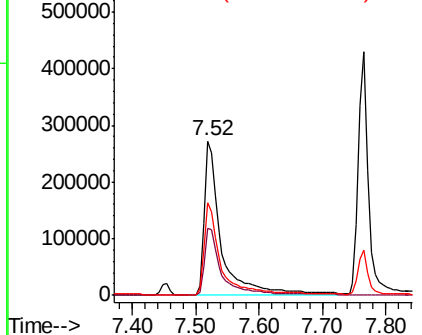


Abundance

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: 21.928 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

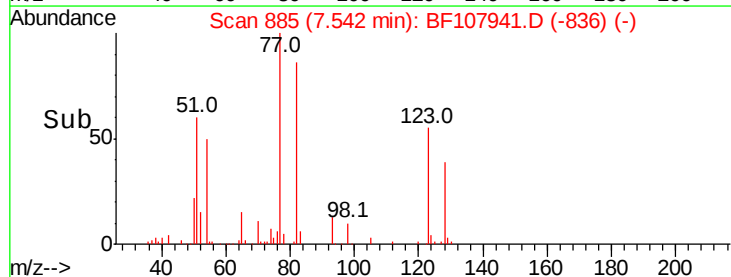
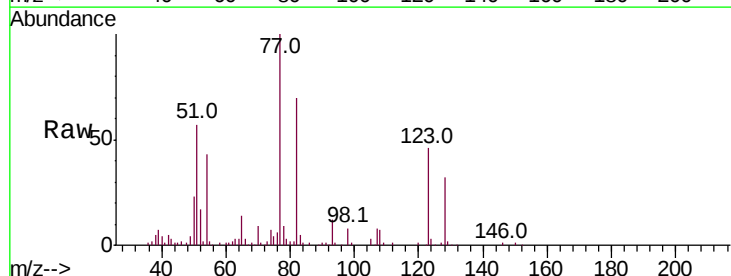
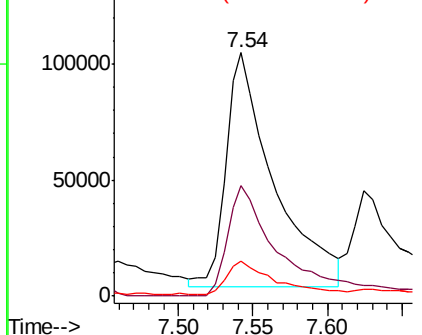
Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.6	37.9	56.9
65	14.3	11.0	16.4

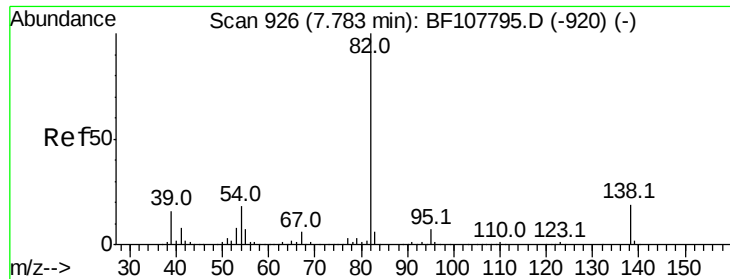
Abundance

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





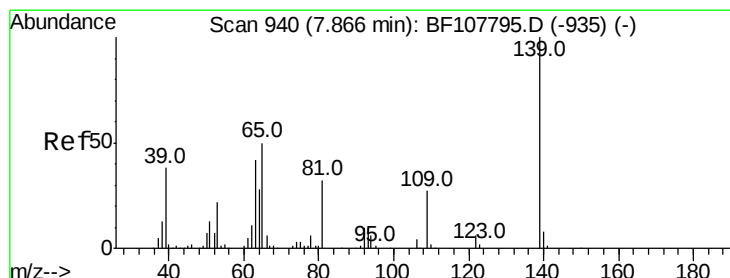
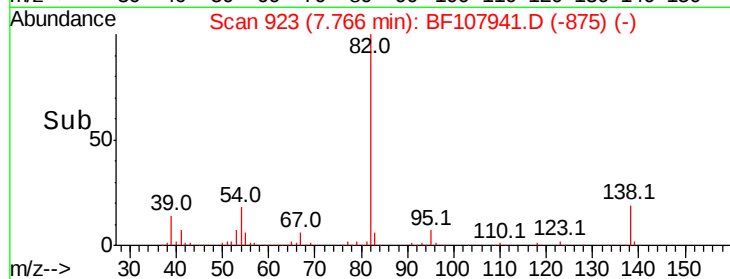
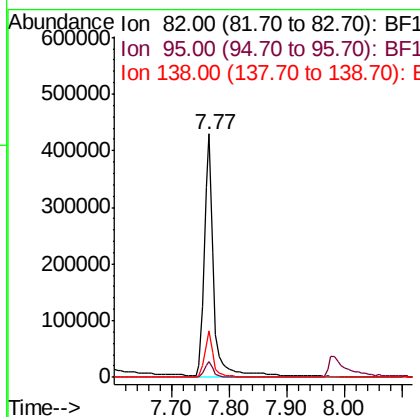
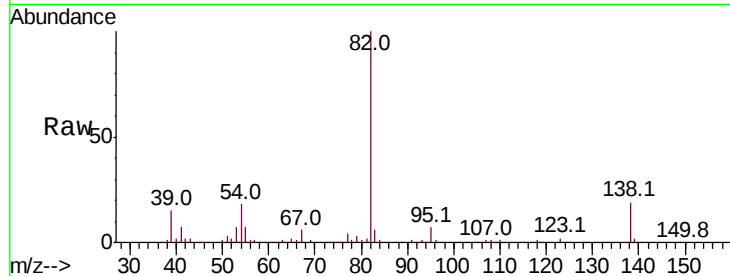
#25
Isophorone
Concen: 30.846 ng
RT: 7.77 min Scan# 923
Delta R.T. -0.02 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	498634		
95	6.7	5.2	7.8	
138	19.0	14.9	22.3	

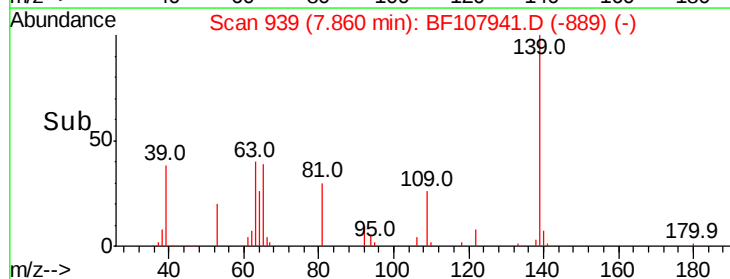
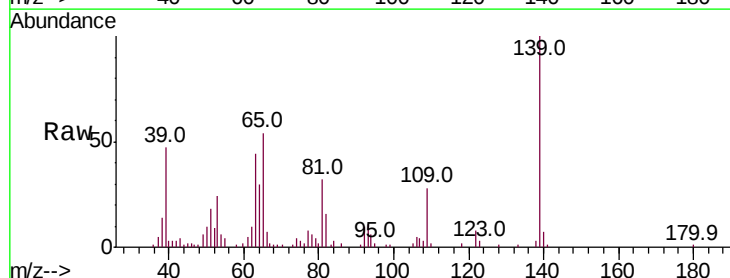
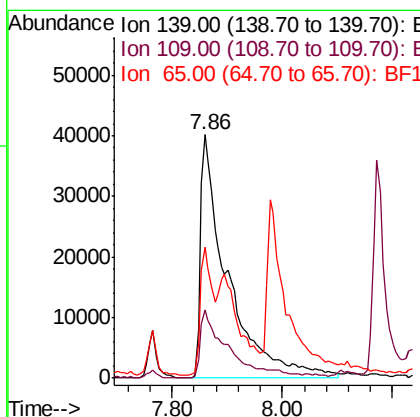
Manual Integrations
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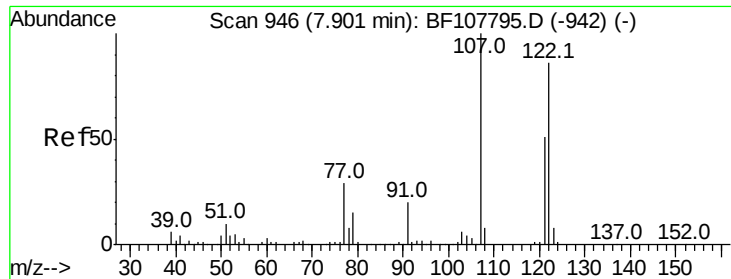
Sohil
8/6/2018 5:05:28 PM



#26
2-Nitrophenol
Concen: 26.230 ng
RT: 7.86 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	135932		
109	28.0	22.7	34.1	
65	54.0	40.5	60.7	





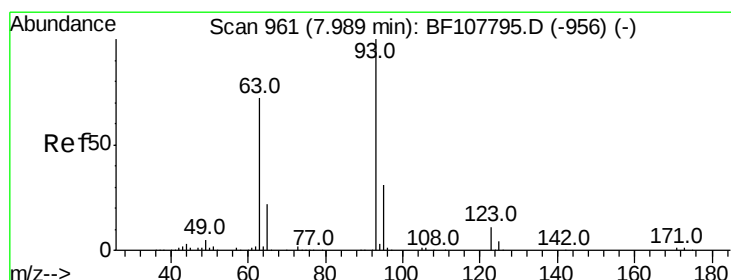
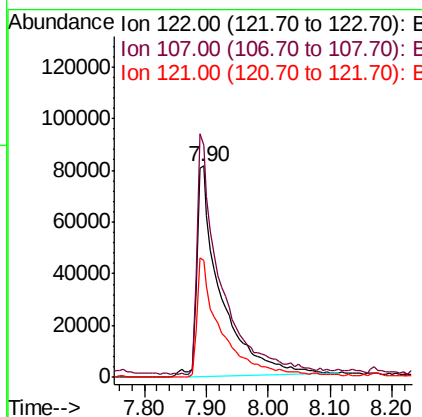
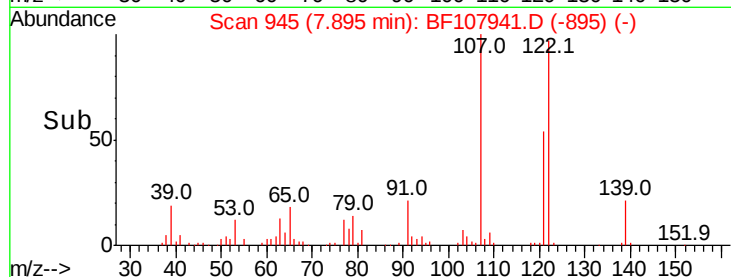
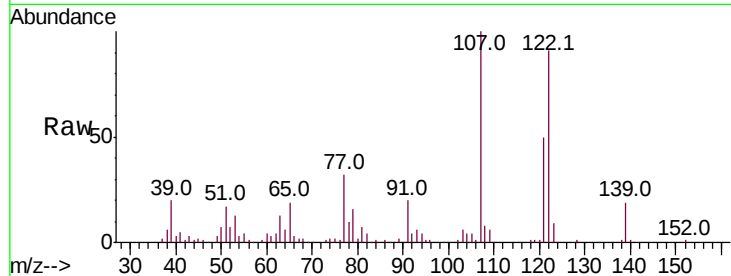
#27
2,4-Dimethylphenol
Concen: 31.206 ng
RT: 7.90 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.5	91.2	136.8
121	55.2	47.2	70.8

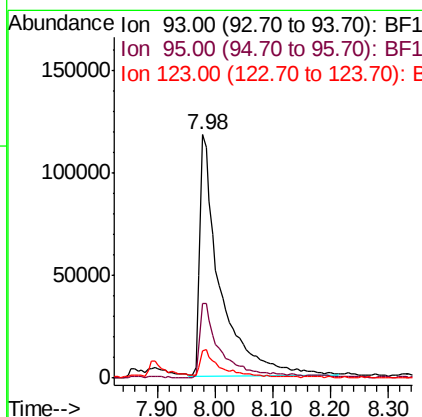
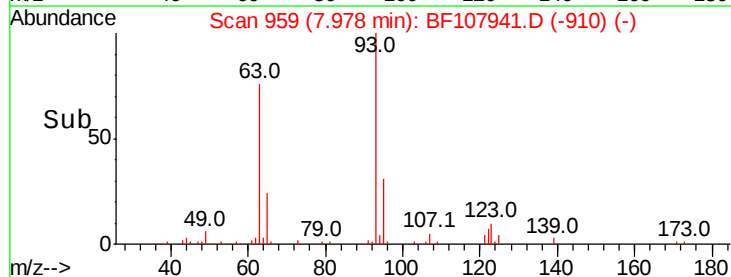
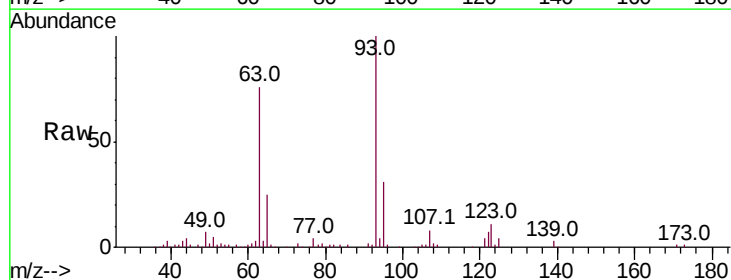
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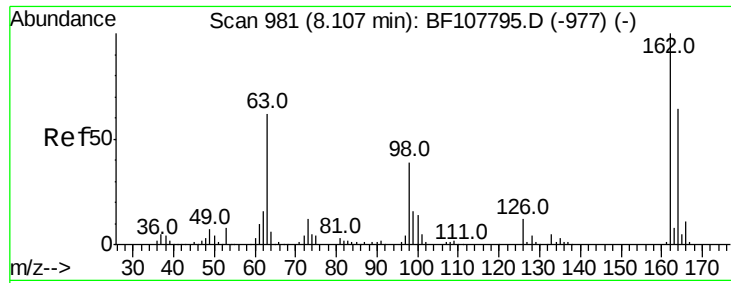
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 27.237 ng
RT: 7.98 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.7	26.3	39.5
123	11.1	9.8	14.6





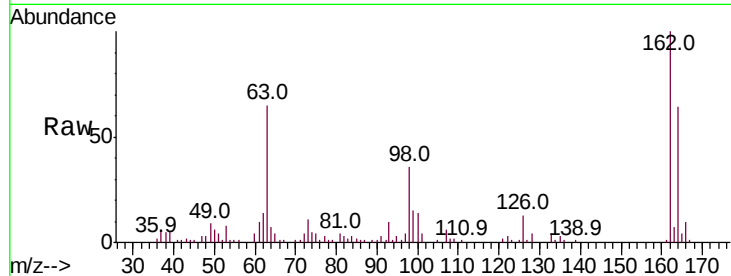
#29
2,4-Dichlorophenol
Concen: 25.725 ng
RT: 8.11 min Scan# 982
Delta R.T. 0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	201894		
164	64.0	42.7	82.7	
98	35.9	18.1	58.1	

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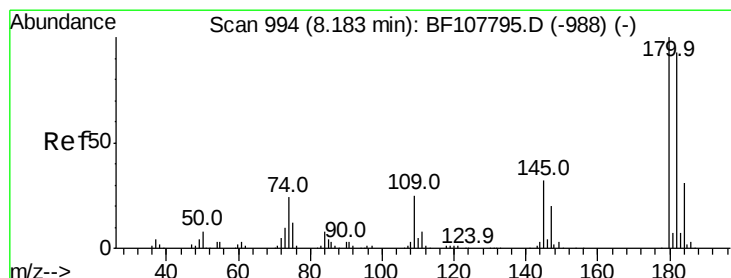
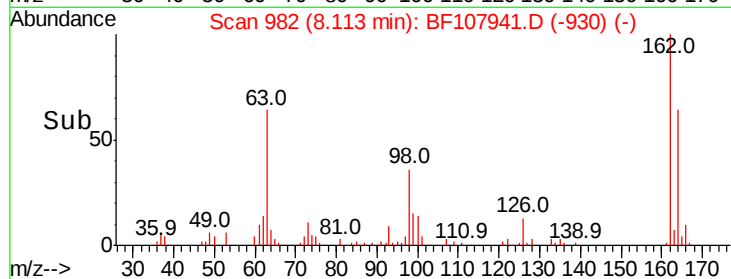
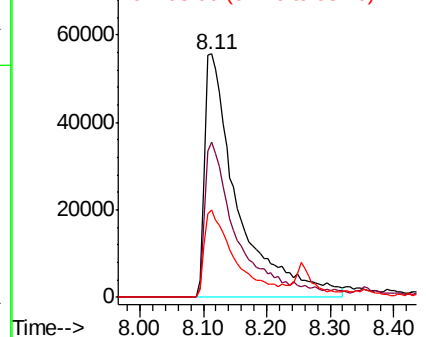


Abundance

Ion 162.00 (161.70 to 162.70): E

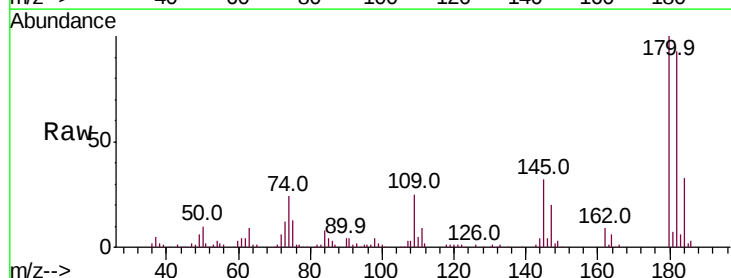
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 26.059 ng
RT: 8.17 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	233314		
182	93.4	76.8	115.2	
145	32.0	26.5	39.7	

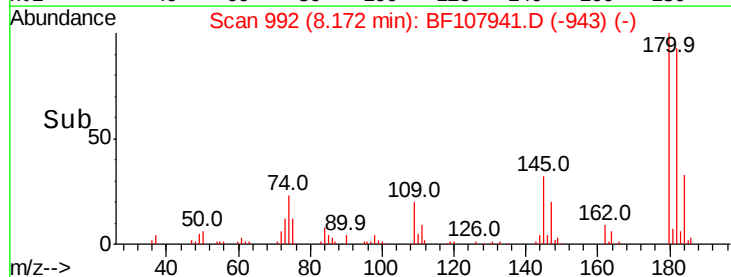
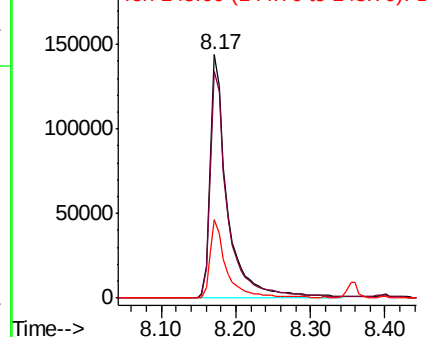


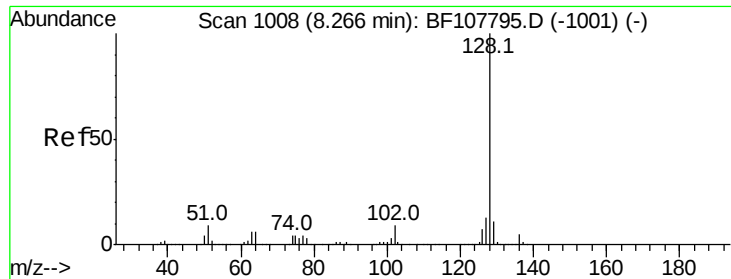
Abundance

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





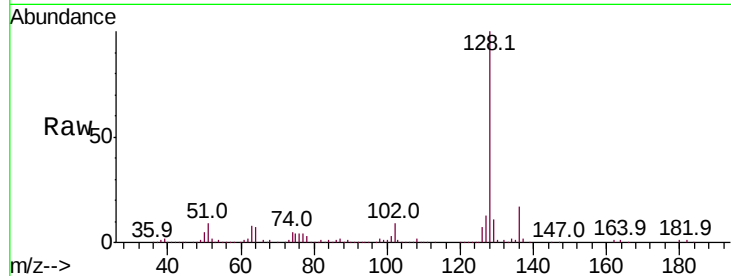
#31
Naphthalene
Concen: 29.526 ng
RT: 8.25 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	778658		
129	11.4	8.8	13.2	
127	13.4	10.9	16.3	

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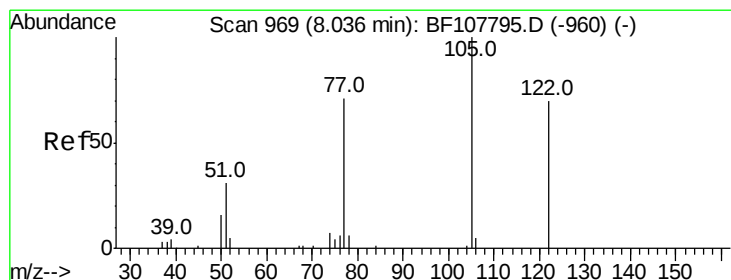
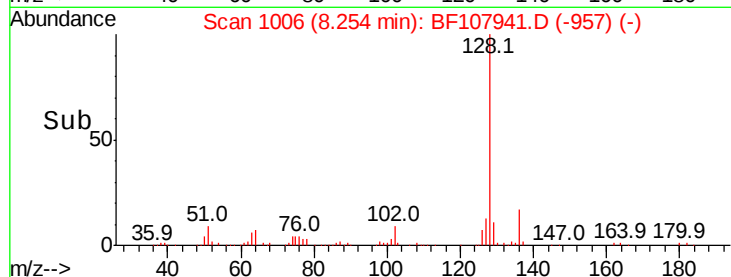
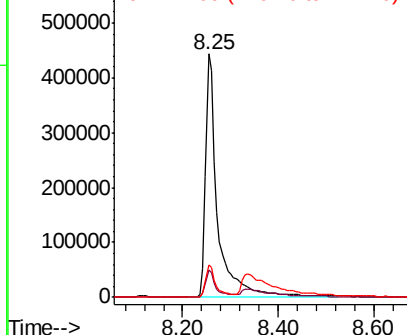


Abundance

Ion 128.00 (127.70 to 128.70): E

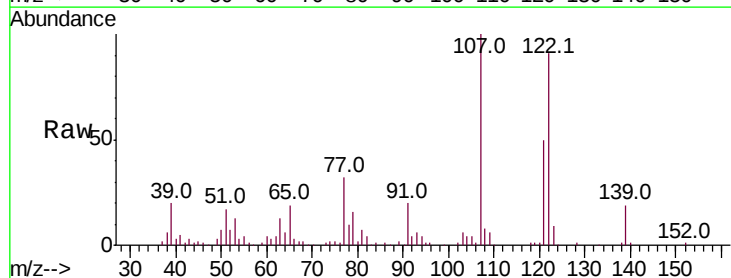
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 46.171 ng
RT: 7.90 min Scan# 945
Delta R.T. -0.14 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	216519		
105	4.8	101.1	141.1#	
77	34.7	70.7	110.7#	

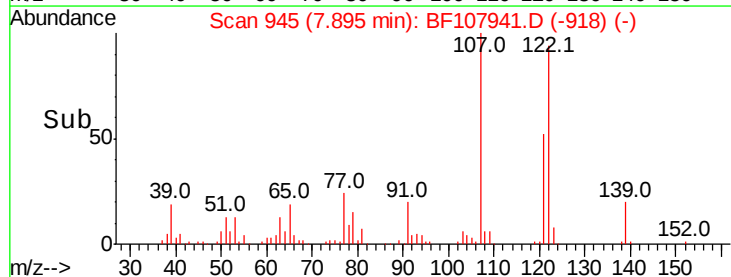
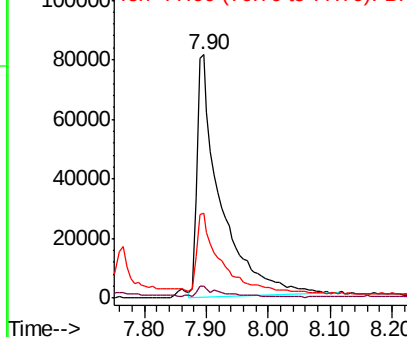


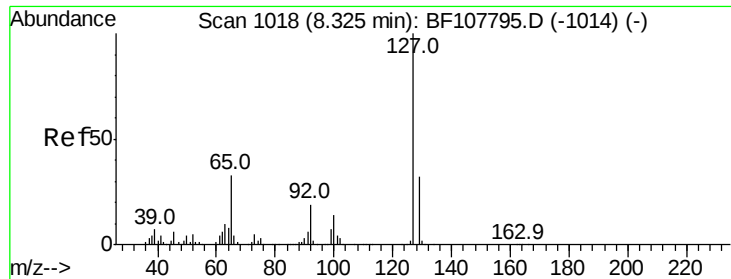
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





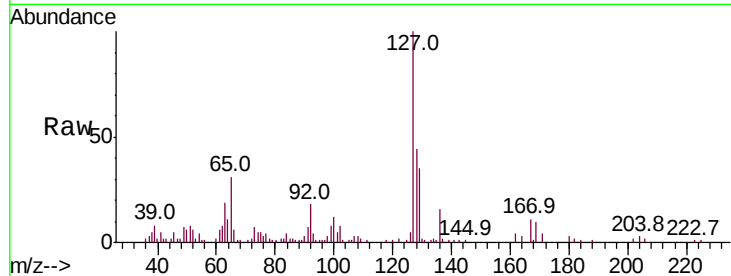
#33
4-Chloroaniline
Concen: 16.606 ng
RT: 8.34 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		187063		
129	35.5	25.9	38.9		
65	31.2	25.0	37.4		
92	18.2	15.2	22.8		

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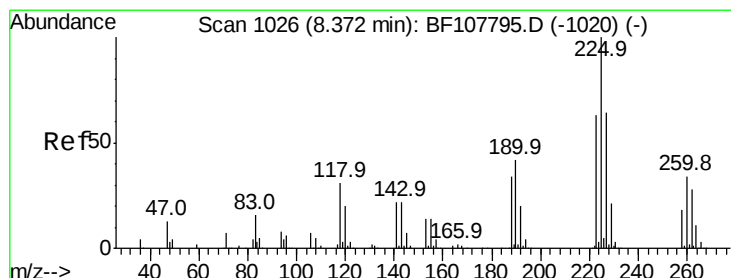
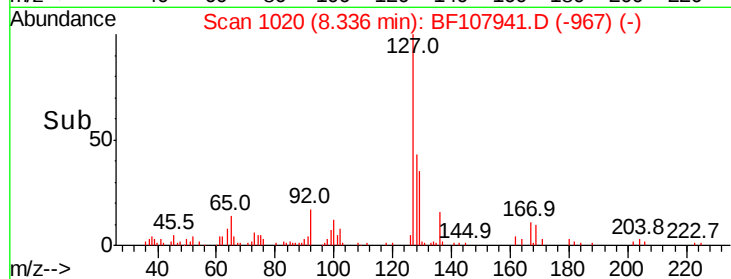
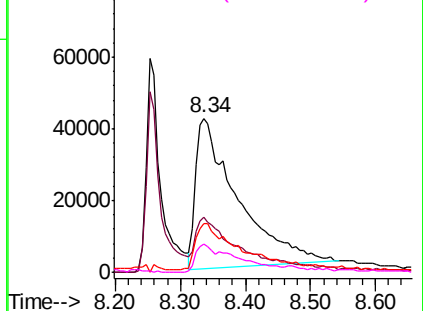
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

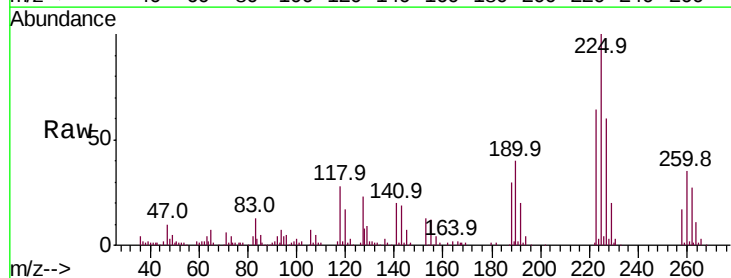
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 24.820 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		137324		
223	63.6	50.6	76.0		
227	60.2	51.9	77.9		

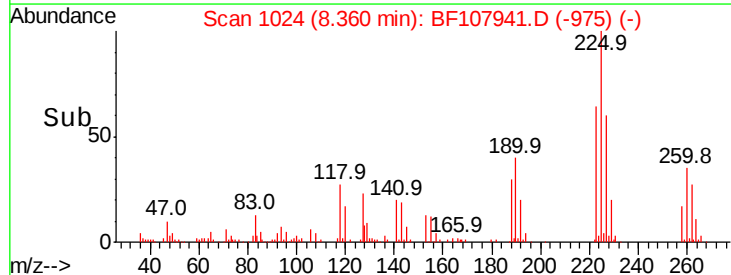
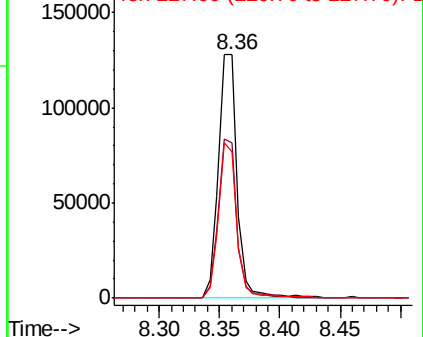


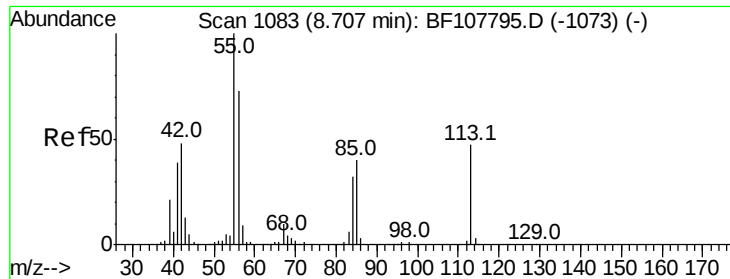
Abundance

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





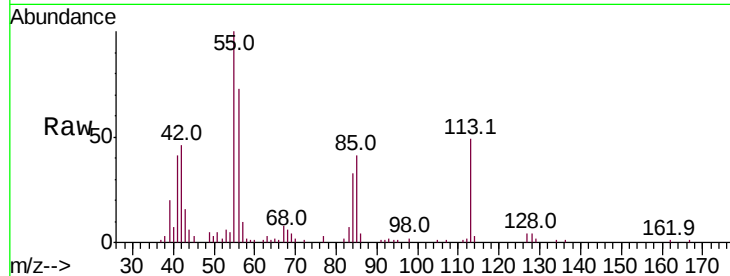
#35
Caprolactam
Concen: 21.236 ng
RT: 8.67 min Scan# 1077
Delta R.T. -0.04 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

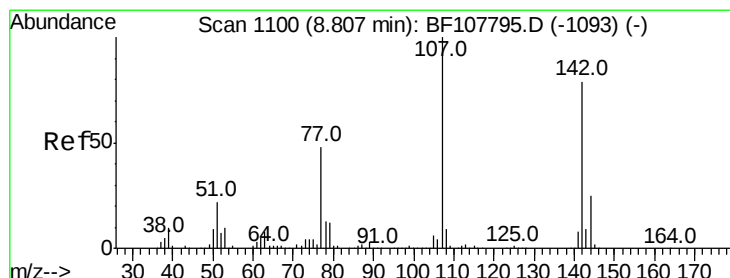
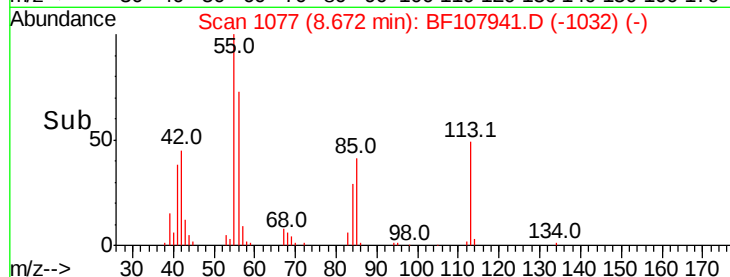
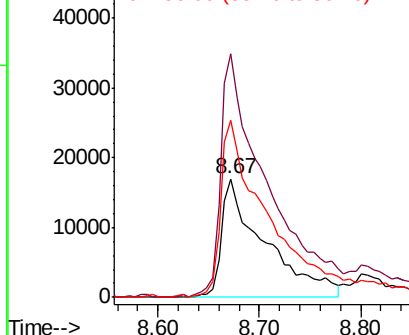
Tot Ion:113 Resp: 50172
Ion Ratio Lower Upper
113 100
55 206.0 163.3 203.3#
56 149.4 115.7 155.7

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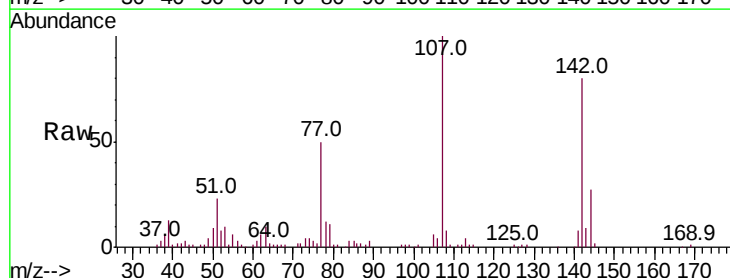


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

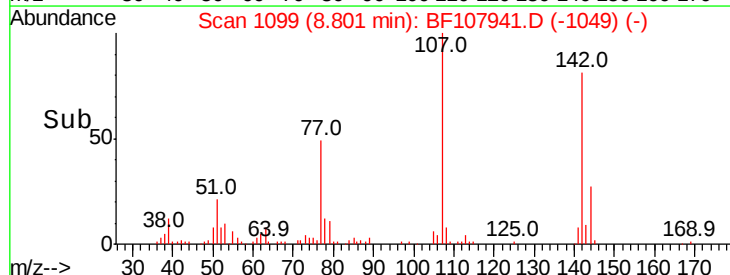
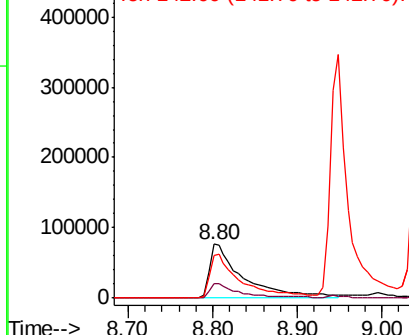


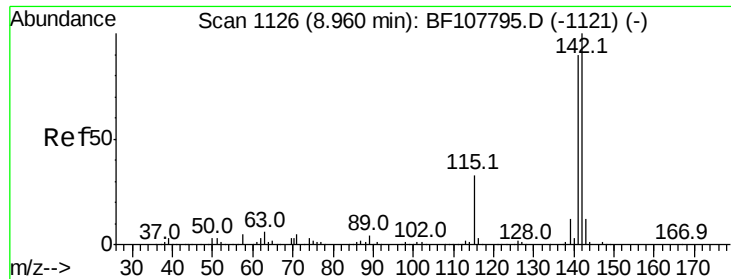
#36
4-Chloro-3-methylphenol
Concen: 24.481 ng
RT: 8.80 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion:107 Resp: 208667
Ion Ratio Lower Upper
107 100
144 26.8 20.5 30.7
142 80.3 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





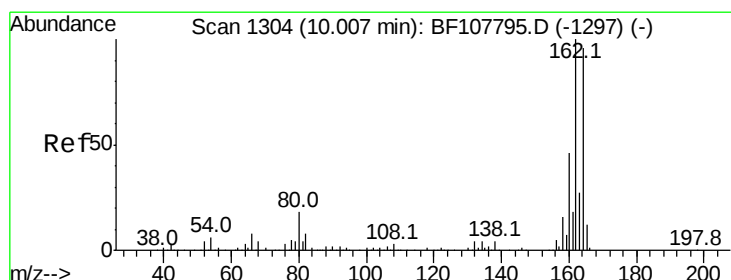
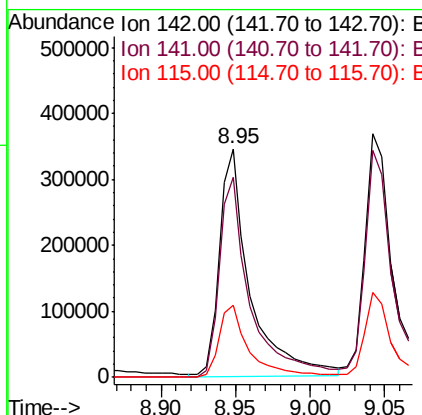
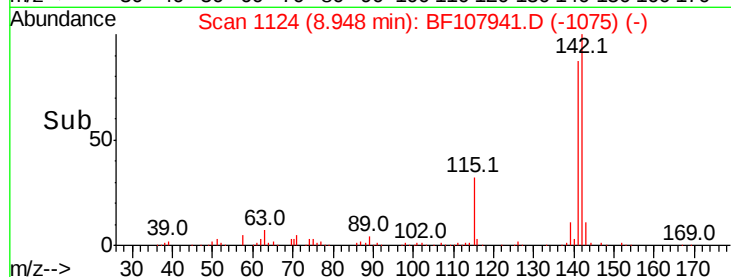
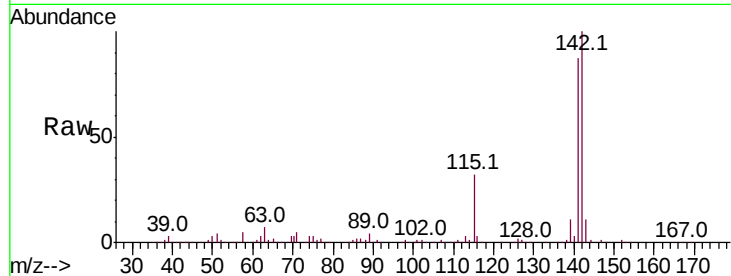
#37
2-Methylnaphthalene
Concen: 30.095 ng
RT: 8.95 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	498550		
141	87.4	70.8	106.2	
115	31.6	26.1	39.1	

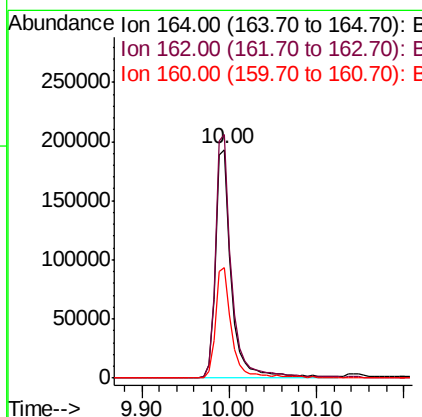
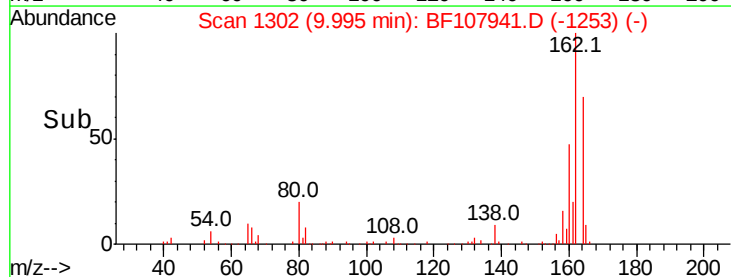
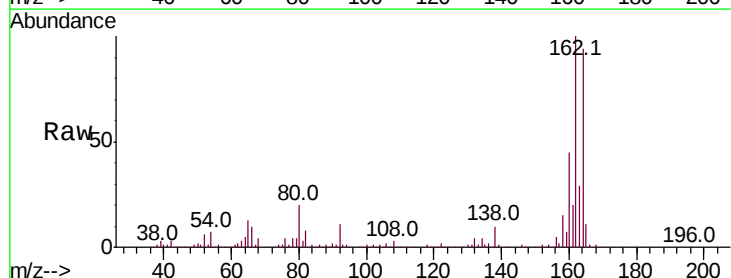
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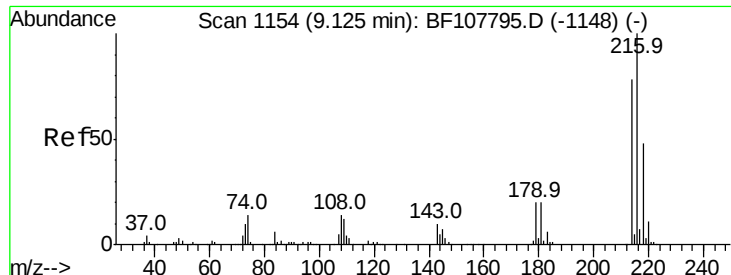
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	246578		
162	106.4	86.1	129.1	
160	48.2	38.3	57.5	





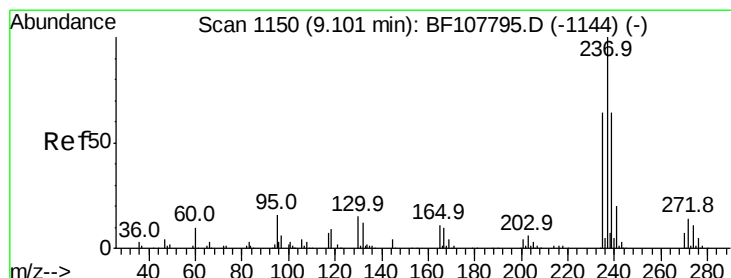
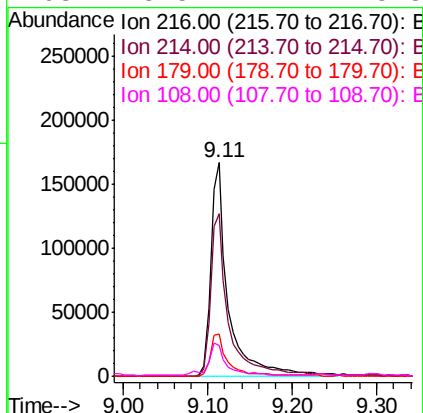
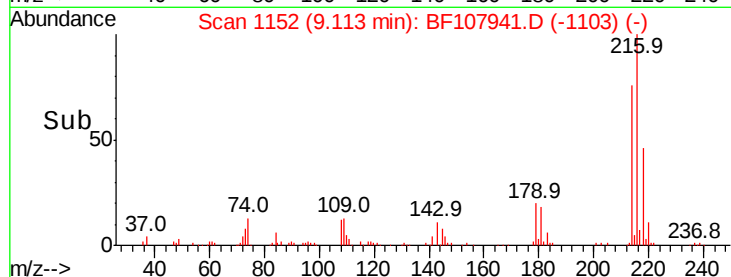
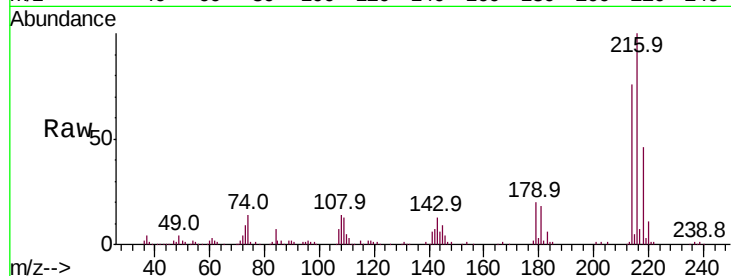
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.149 ng
 RT: 9.11 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-2MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.6	63.0	94.4
179	20.0	18.1	27.1
108	15.5	17.2	25.8

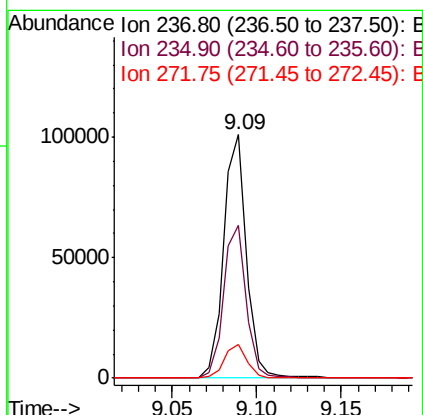
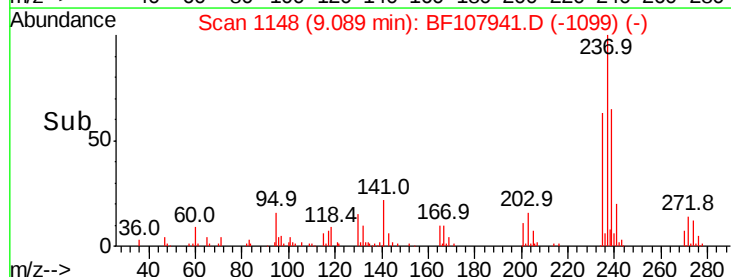
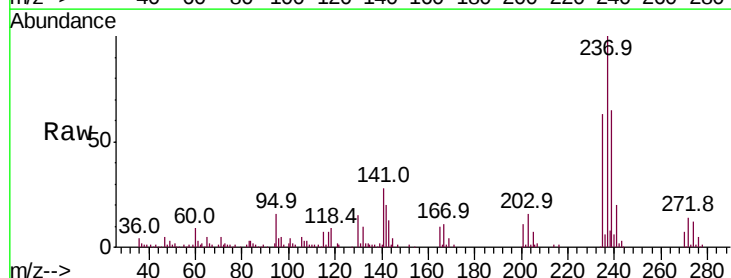
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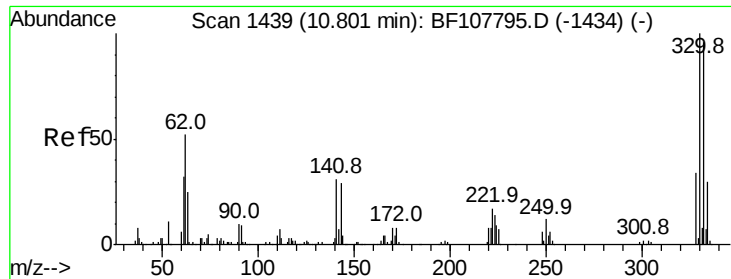
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 31.160 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.7	44.8	84.8
272	14.1	0.0	33.3





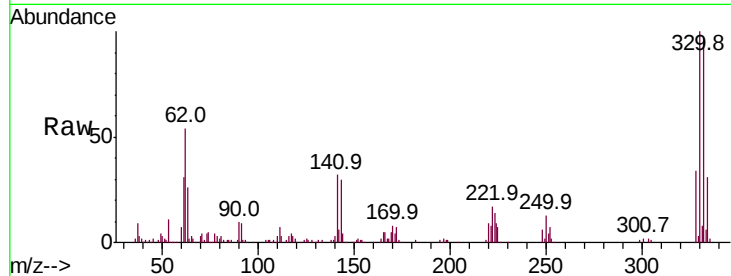
#41
 2,4,6-Tribromophenol
 Concen: 69.721 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-2MSD

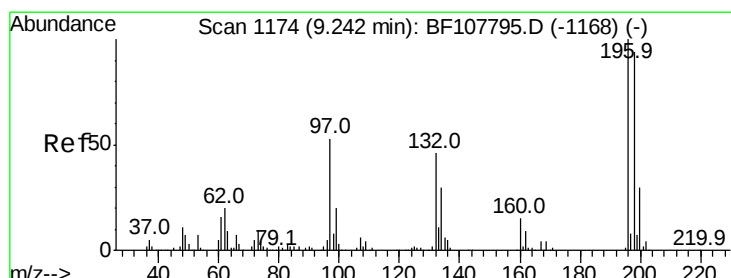
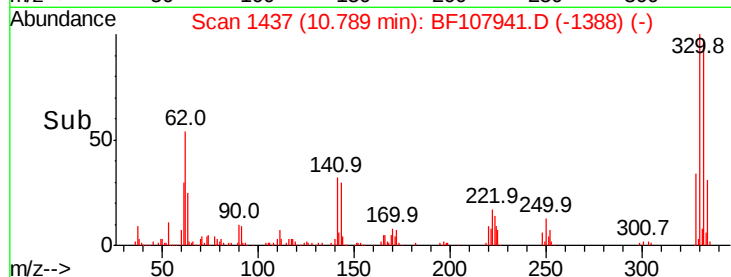
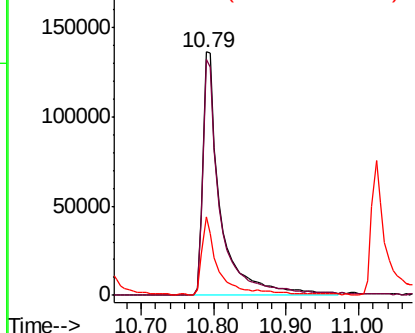
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.8	77.0	115.6	
141	28.3	29.9	44.9#	

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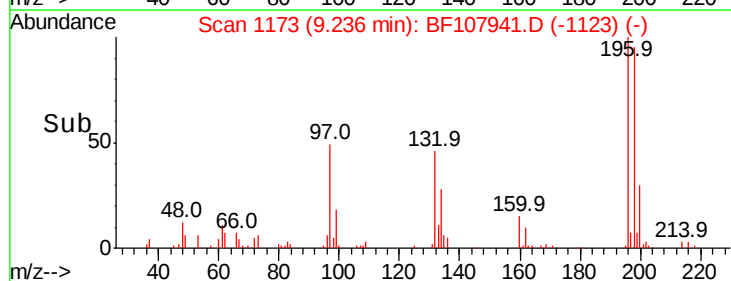
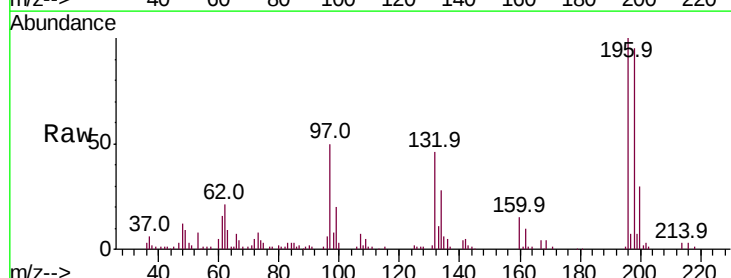
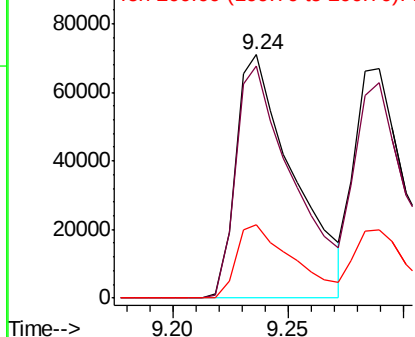
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

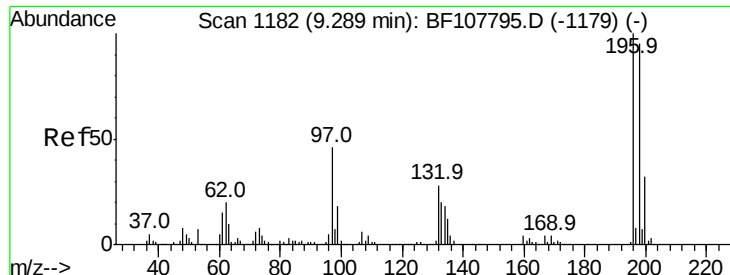


#42
 2,4,6-Trichlorophenol
 Concen: 26.525 ng
 RT: 9.24 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.4	75.7	113.5	
200	30.1	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





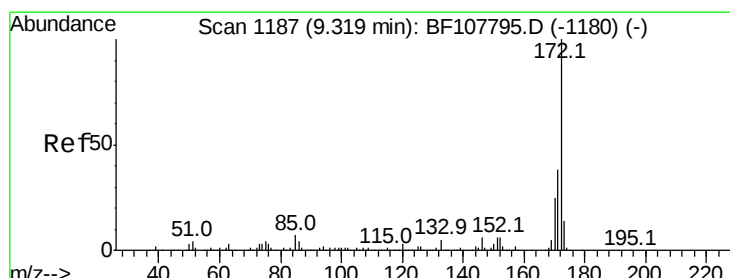
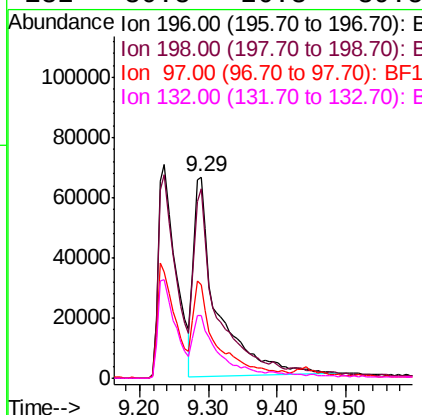
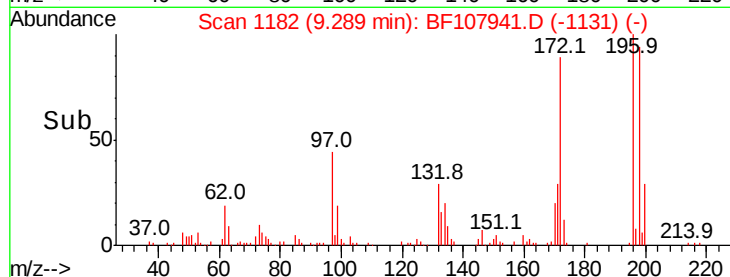
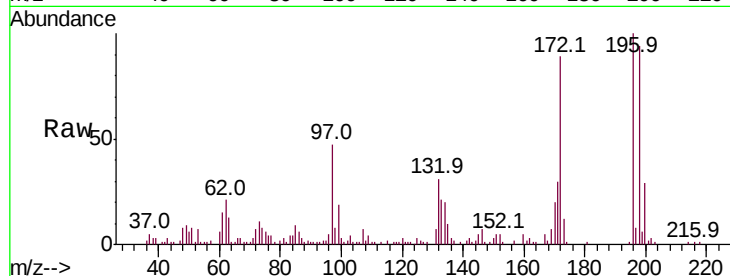
#43
 2,4,5-Trichlorophenol
 Concen: 28.390 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	158846		
198	93.8	74.6	112.0	
97	46.6	42.9	64.3	
132	30.8	26.3	39.5	

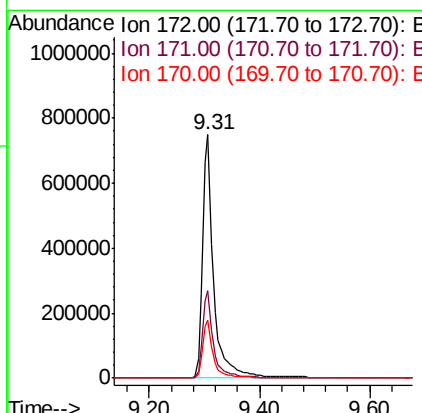
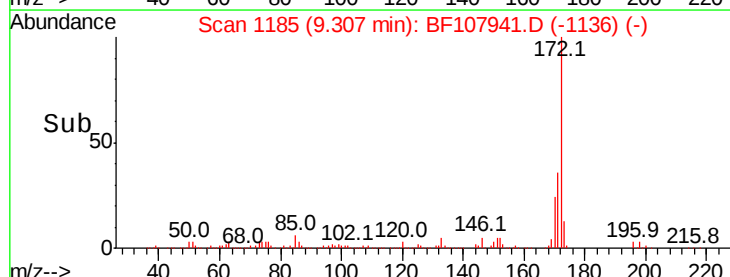
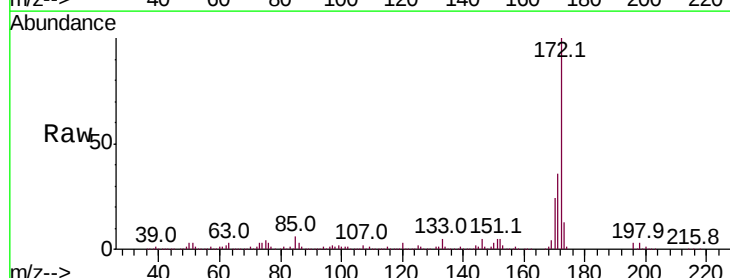
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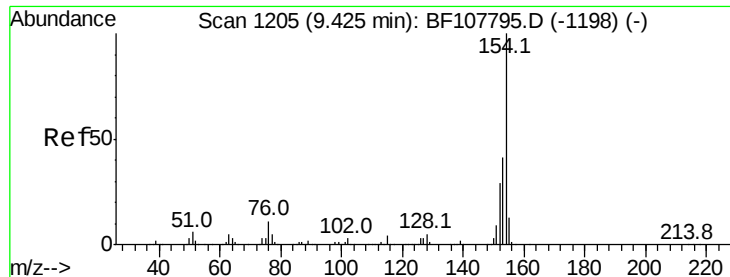
Sohil
 8/6/2018 5:05:28 PM



#44
 2-Fluorobiphenyl
 Concen: 58.859 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1041507		
171	35.9	29.7	44.5	
170	23.6	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 29.096 ng

RT: 9.41 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

Instrument :

BNA_F

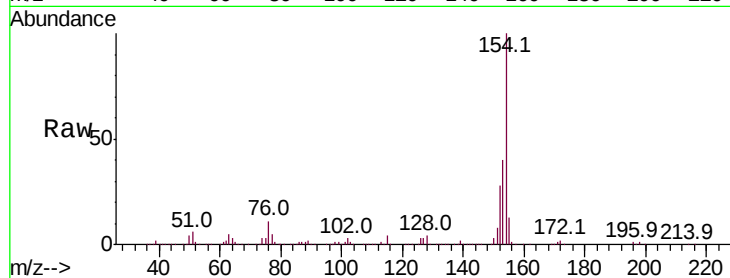
ClientSampleId :

KG-PIT-2MSD

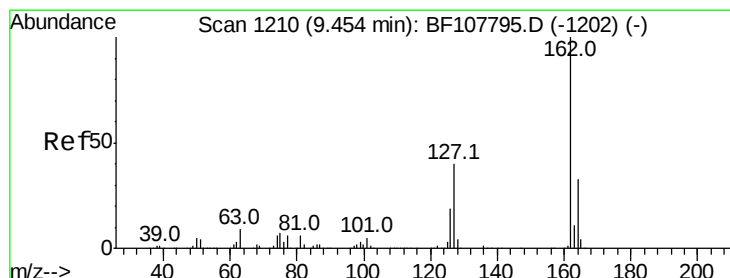
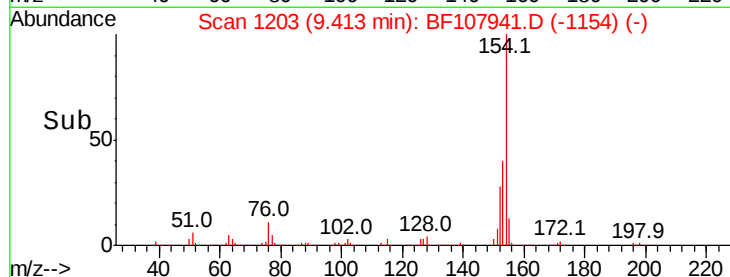
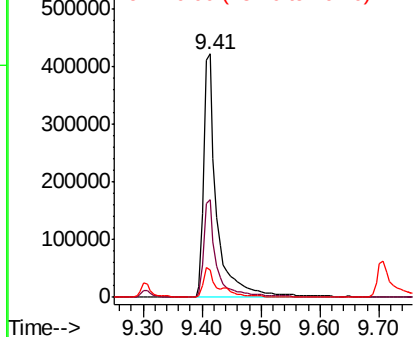
Tot Ion:	154	Resp:	652904
Ion Ratio	Lower	Upper	
154	100		
153	40.3	21.3	61.3
76	11.0	0.0	34.0

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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: 28.325 ng

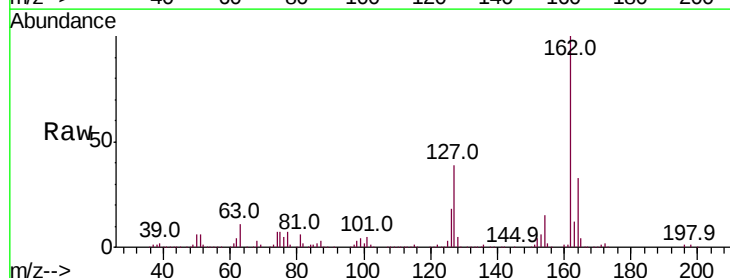
RT: 9.44 min Scan# 1208

Delta R.T. -0.01 min

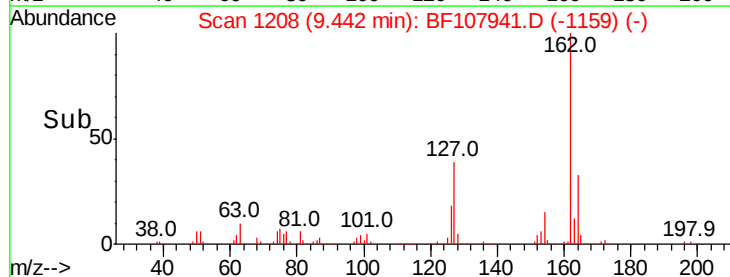
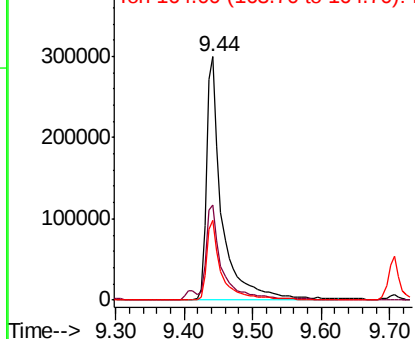
Lab File: BF107941.D

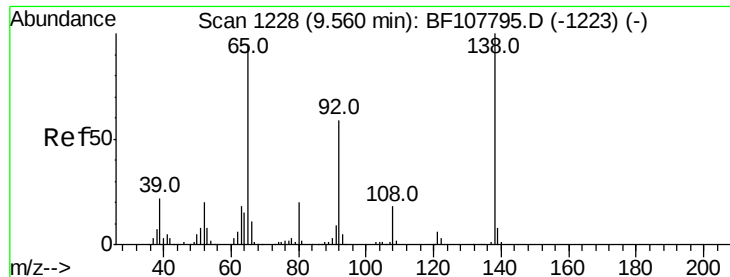
Acq: 3 Aug 2018 16:50

Tgt Ion:	162	Resp:	479312
Ion Ratio	Lower	Upper	
162	100		
127	38.9	33.9	50.9
164	32.7	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: 26.286 ng

RT: 9.56 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MSD

Tot Ion: 65 Resp: 144688

Ion Ratio Lower Upper

65 100

92 62.2 55.8 83.6

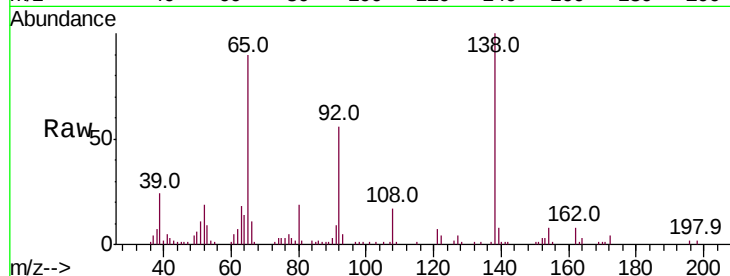
138 110.7 91.2 136.8

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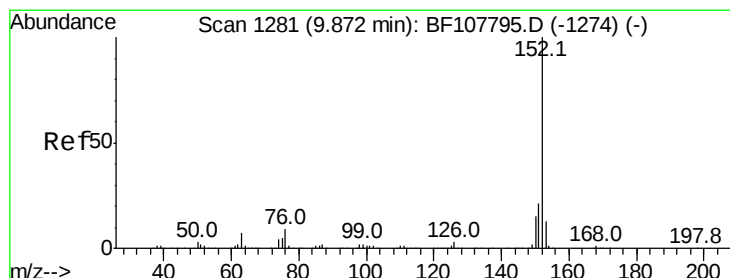
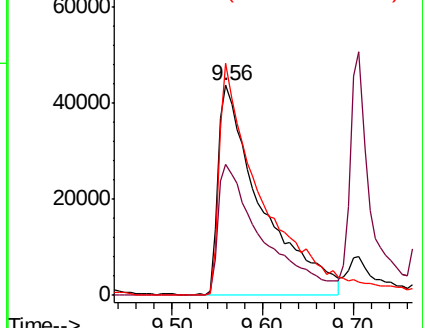
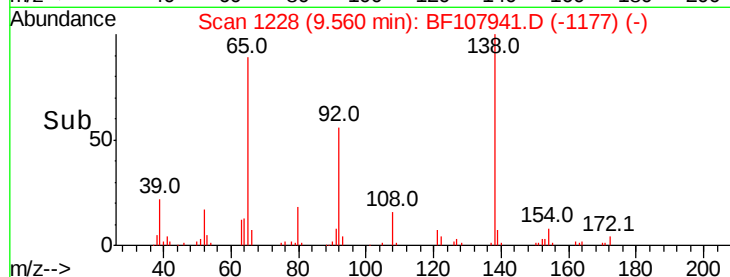
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Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 29.213 ng

RT: 9.85 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

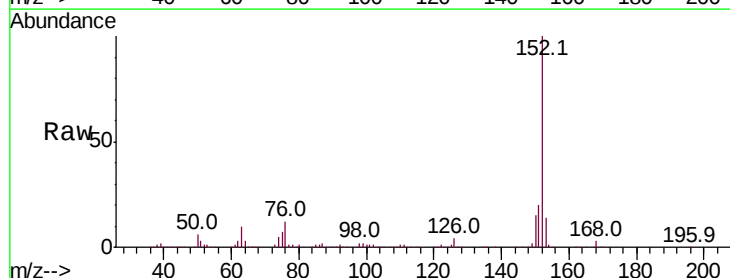
Tgt Ion: 152 Resp: 766370

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

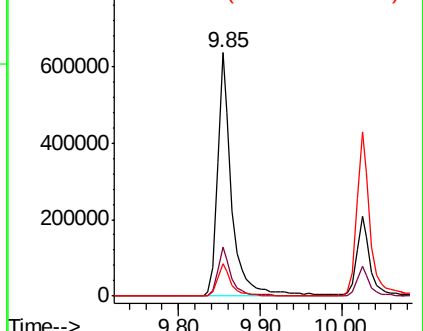
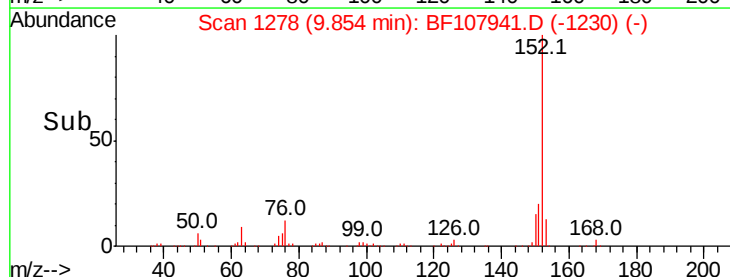
153 13.6 10.7 16.1

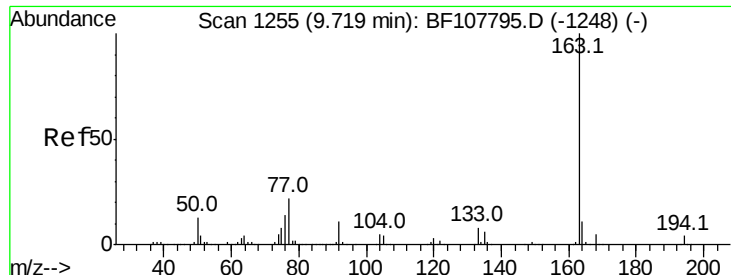


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





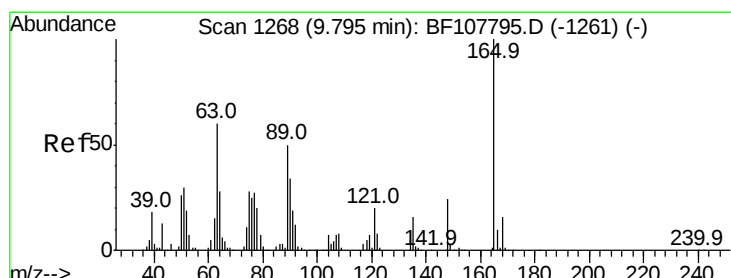
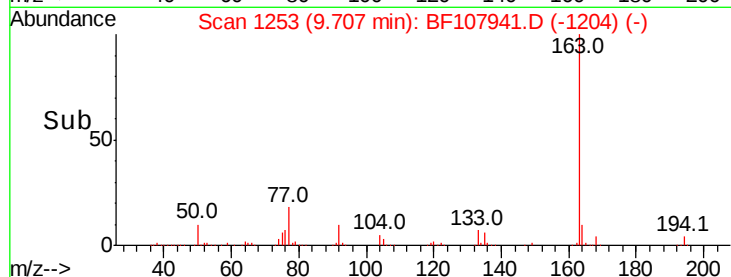
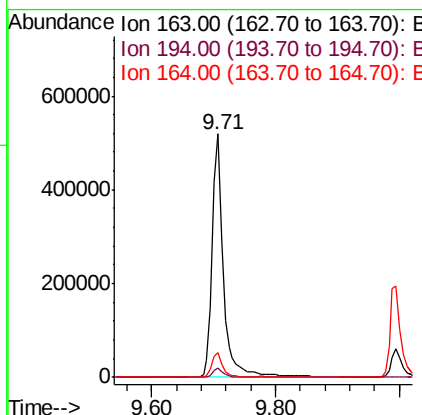
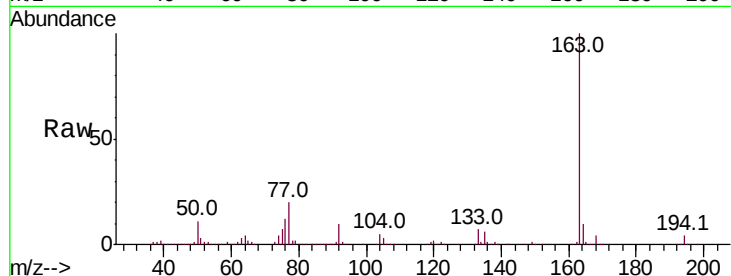
#49
Dimethylphthalate
Concen: 34.961 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	647409		
194	3.6		2.7	4.1
164	10.4		8.2	12.2

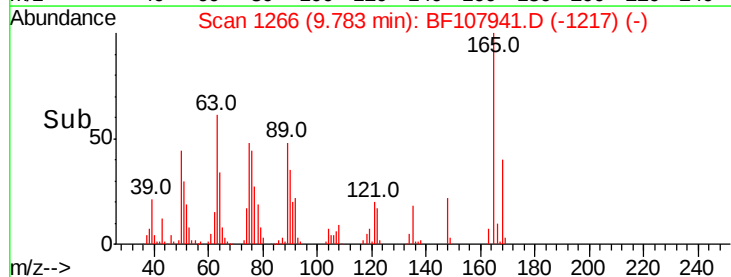
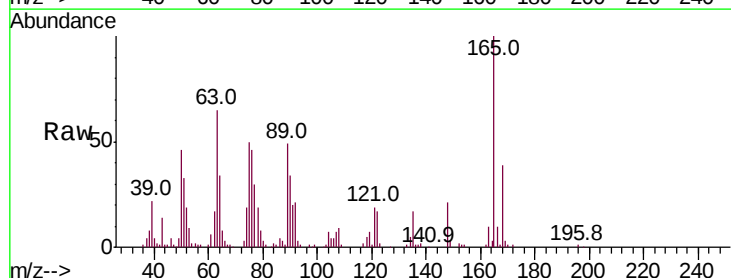
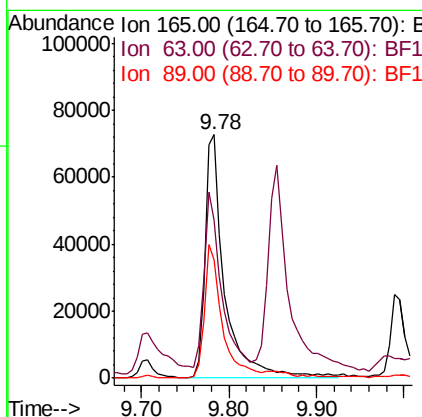
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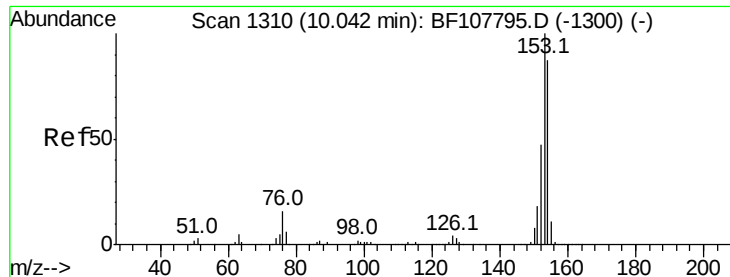
Sohil
8/6/2018 5:05:28 PM



#50
2,6-Dinitrotoluene
Concen: 28.094 ng
RT: 9.78 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	113061		
63	64.6		44.7	67.1
89	48.6		44.0	66.0





#51

Acenaphthene

Concen: 29.653 ng

RT: 10.02 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MSD

Tot Ion:154 Resp: 451888

Ion Ratio Lower Upper

154 100

153 111.7 91.2 136.8

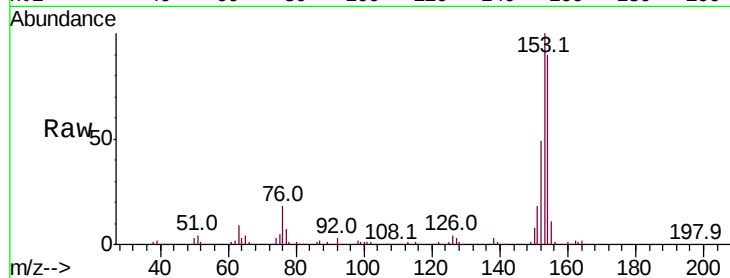
152 54.4 43.8 65.8

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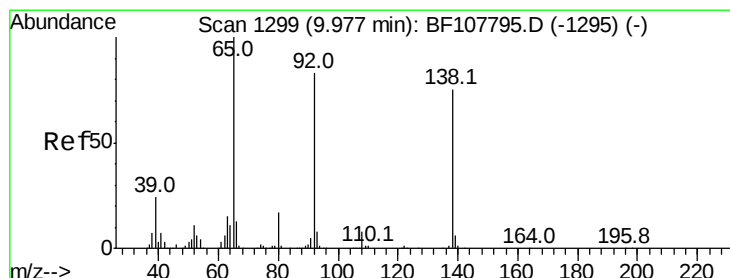
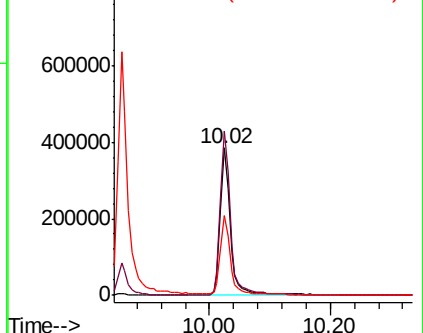
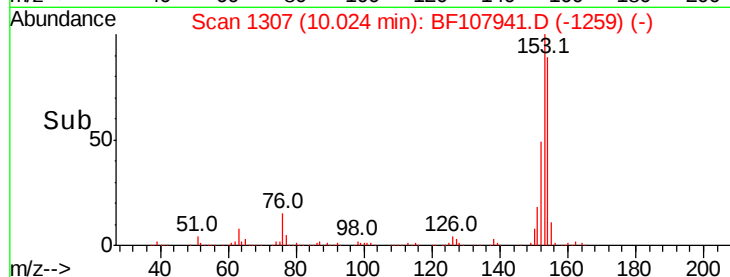
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.678 ng

RT: 9.98 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

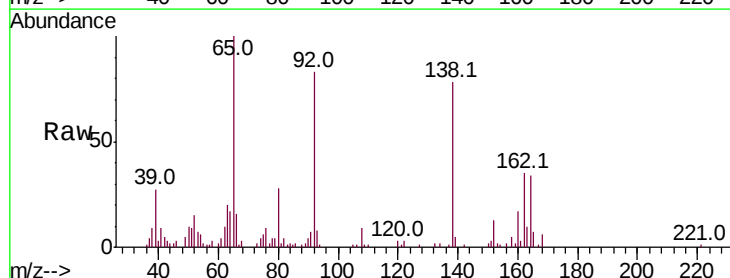
Tgt Ion:138 Resp: 104861

Ion Ratio Lower Upper

138 100

108 12.0 9.4 14.0

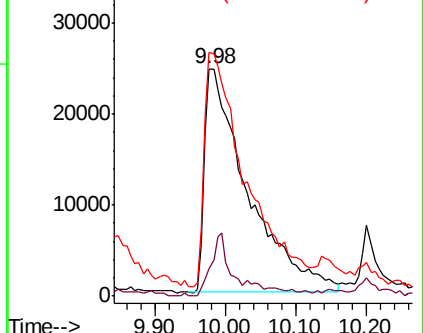
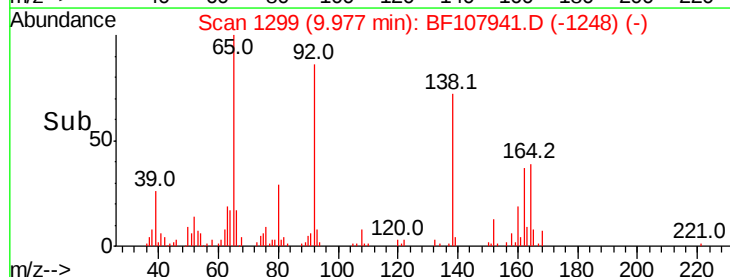
92 107.0 89.4 134.2

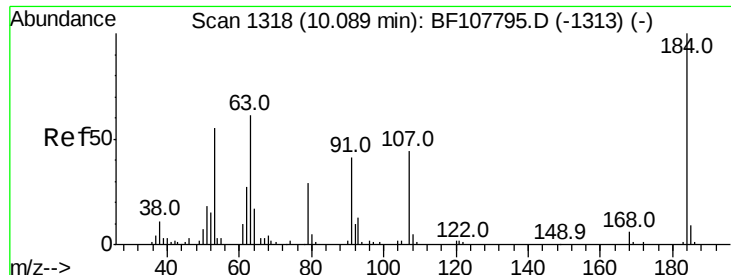


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





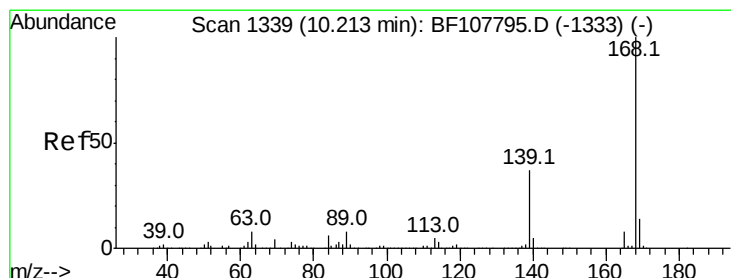
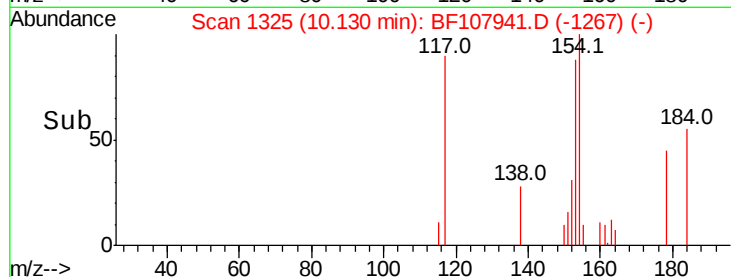
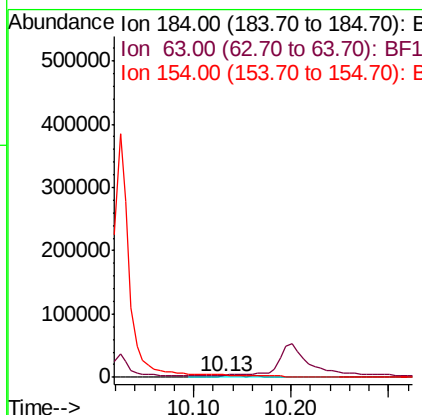
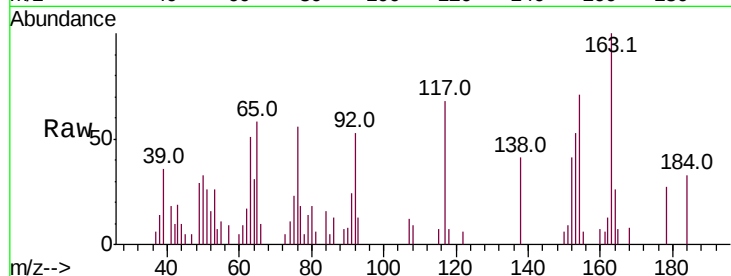
#53
 2,4-Dinitrophenol
 Concen: 12.451 ng
 RT: 10.13 min Scan# 1325
 Delta R.T. 0.04 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-2MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	153.6	54.2	81.2#
154	214.1	184.0	276.0

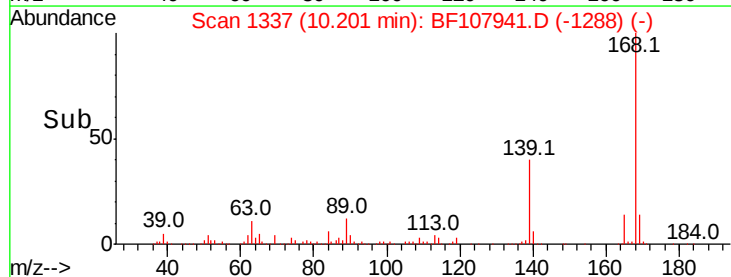
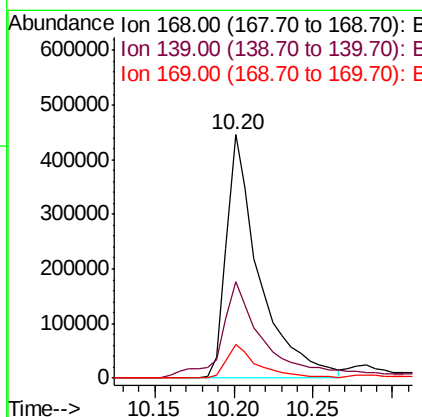
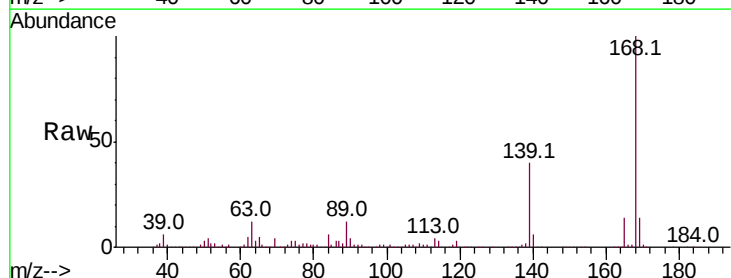
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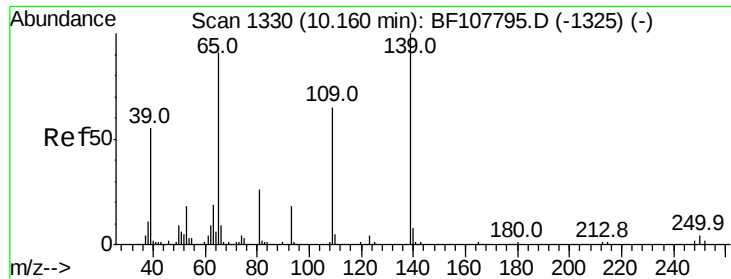
Sohil
 8/6/2018 5:05:28 PM



#54
 Dibenzofuran
 Concen: 27.153 ng
 RT: 10.20 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.5	30.1	45.1
169	14.0	10.9	16.3





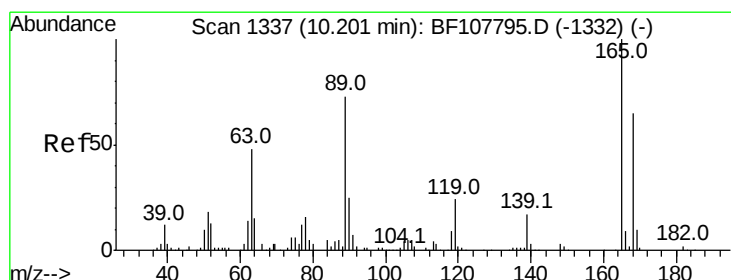
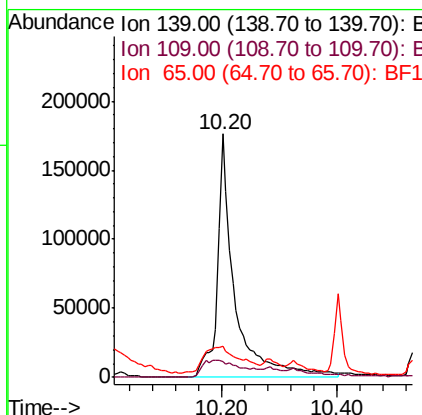
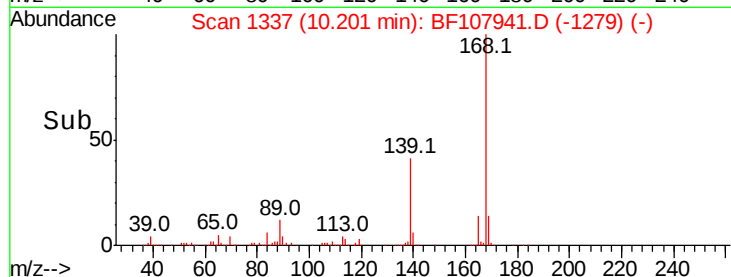
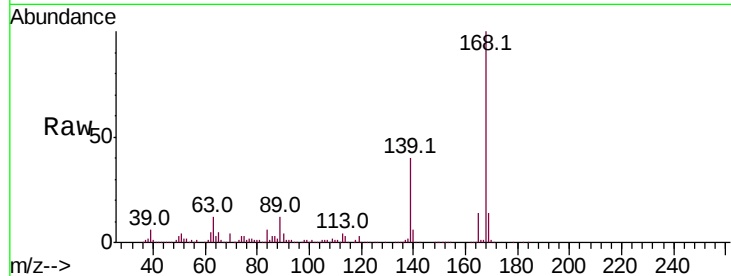
#55
4-Nitrophenol
Concen: 145.207 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.04 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	367067		
109	6.3	48.4	88.4#	
65	12.8	72.6	112.6#	

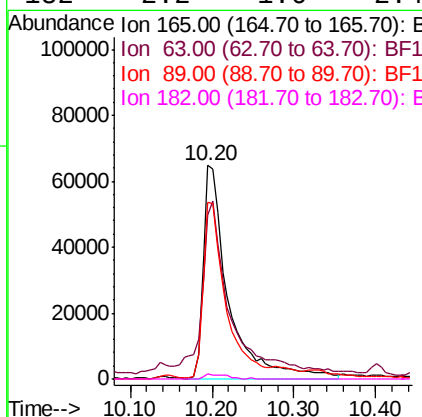
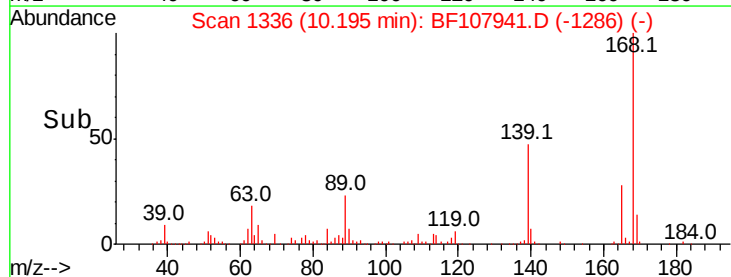
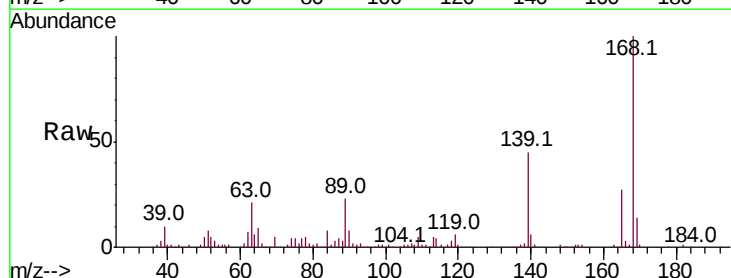
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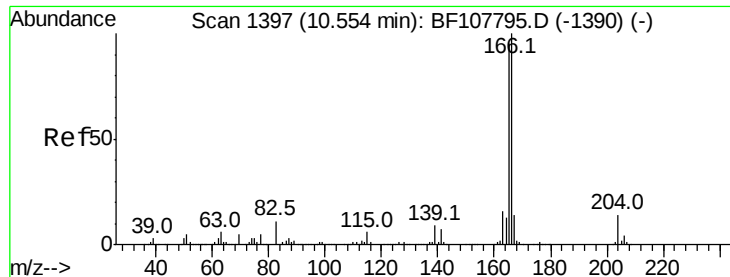
Sohil
8/6/2018 5:05:28 PM



#56
2,4-Dinitrotoluene
Concen: 26.495 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	140144		
63	76.7	36.4	54.6#	
89	82.5	57.8	86.6	
182	2.2	1.6	2.4	





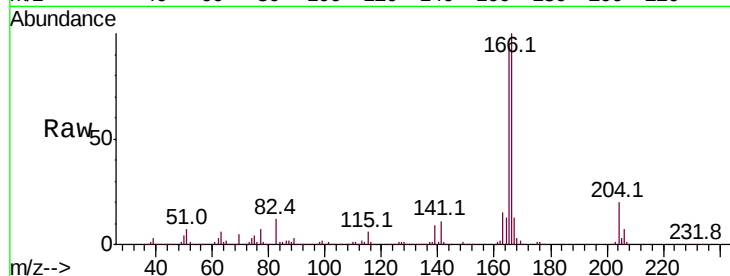
#57
 Fluorene
 Concen: 28.403 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-2MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	93.7	79.8	119.8
167	13.3	10.6	16.0

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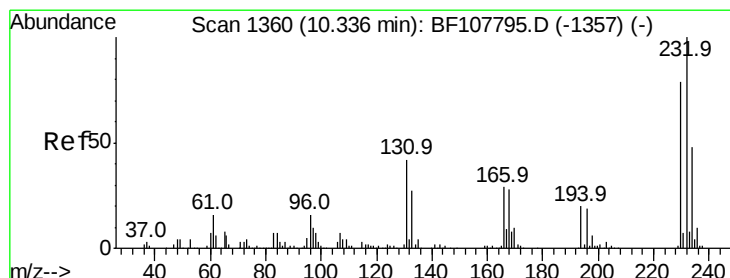
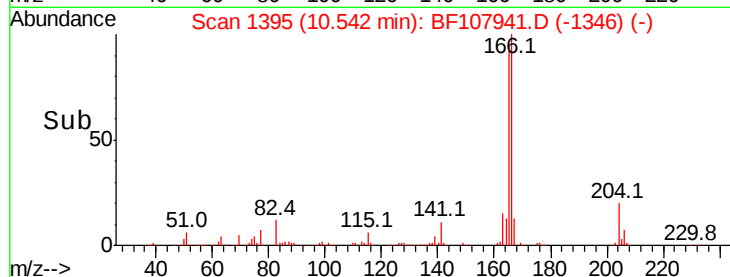
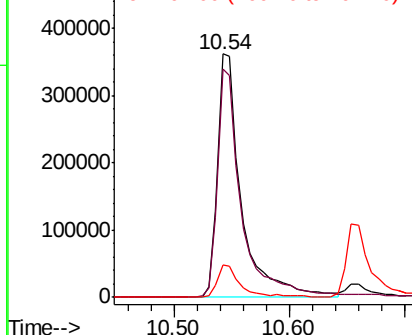


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 24.096 ng
 RT: 10.32 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Lower	Upper
232	100		
131	35.3	43.8	65.8#
130	2.0	2.1	3.1#
166	24.2	27.8	41.6#

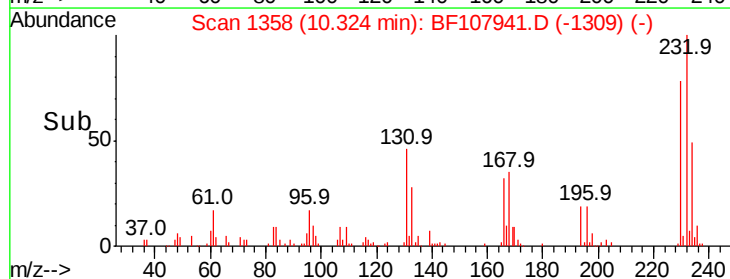
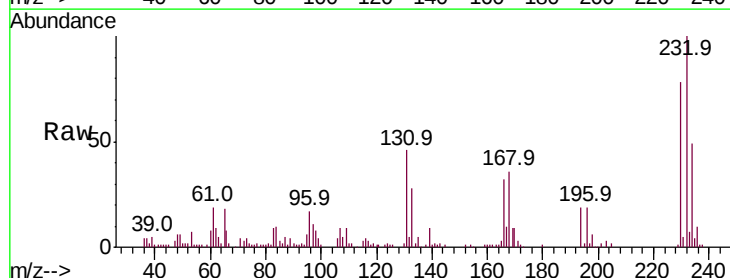
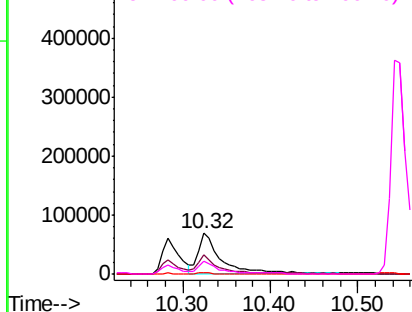
Abundance

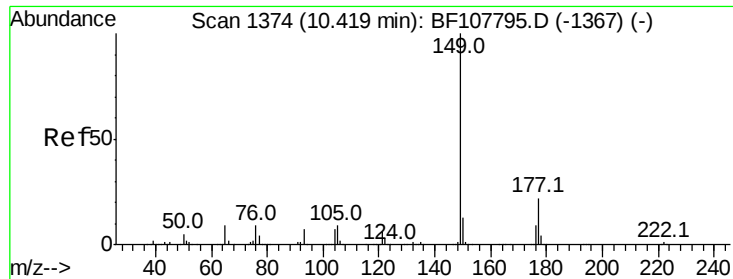
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





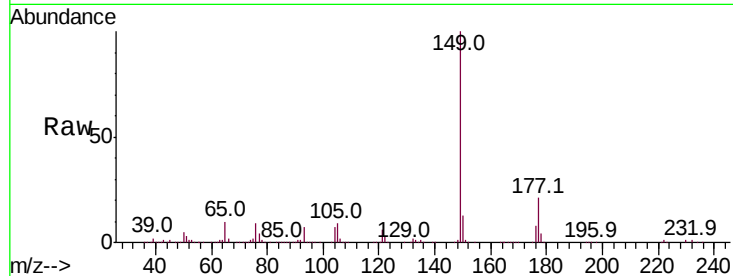
#59
Diethylphthalate
Concen: 31.470 ng
RT: 10.40 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	626579		
177	21.1		16.1	24.1
150	12.7		10.1	15.1

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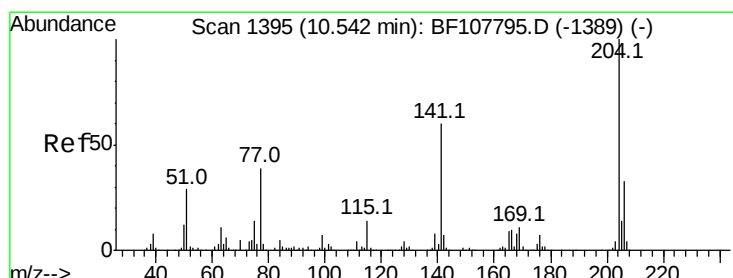
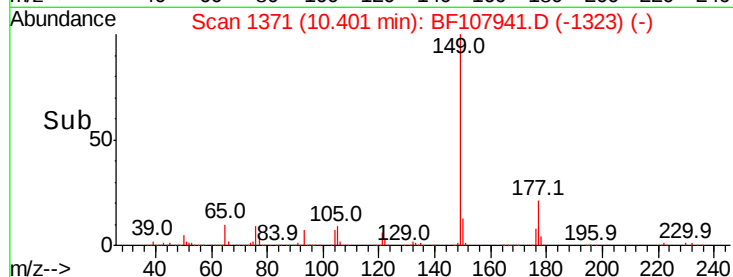
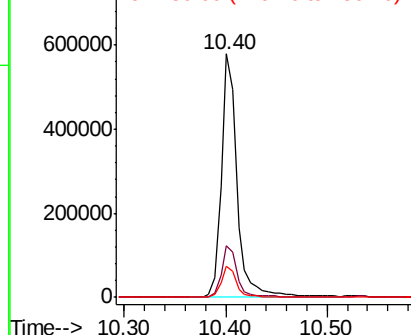


Abundance

Ion 149.00 (148.70 to 149.70): E

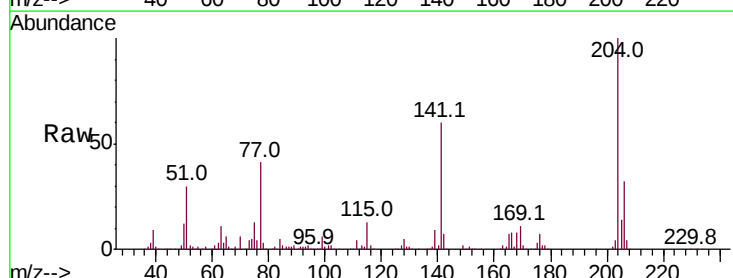
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 25.817 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	257452		
206	31.9		26.5	39.7
141	60.0		54.6	81.8

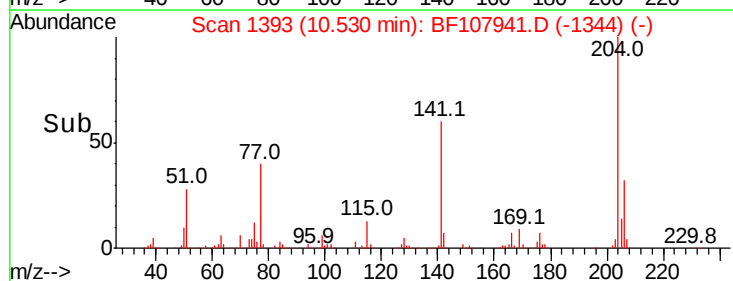
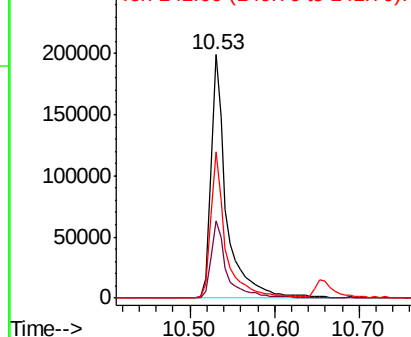


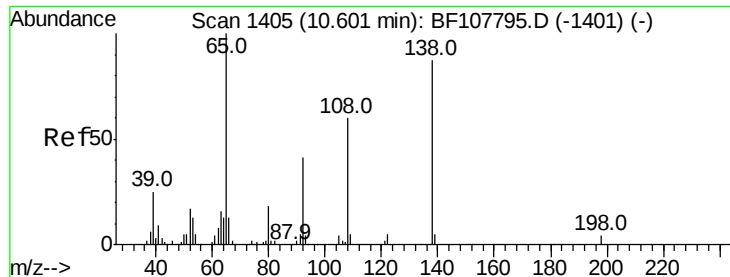
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





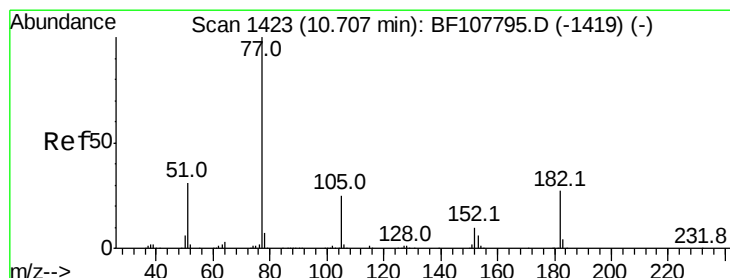
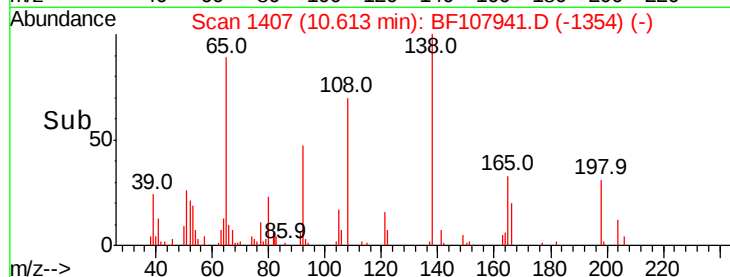
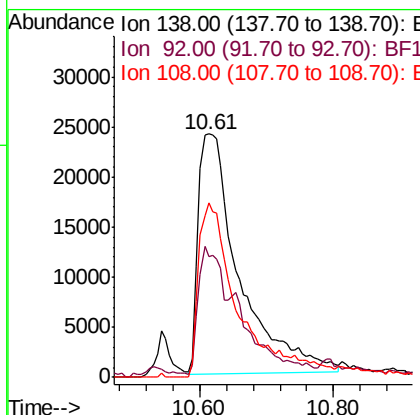
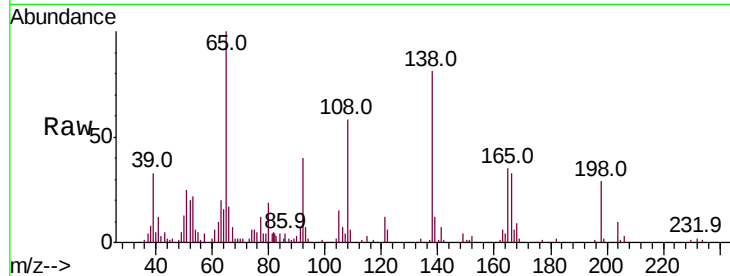
#61
4-Nitroaniline
Concen: 22.492 ng
RT: 10.61 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.4	30.2	70.2
108	71.8	52.5	92.5

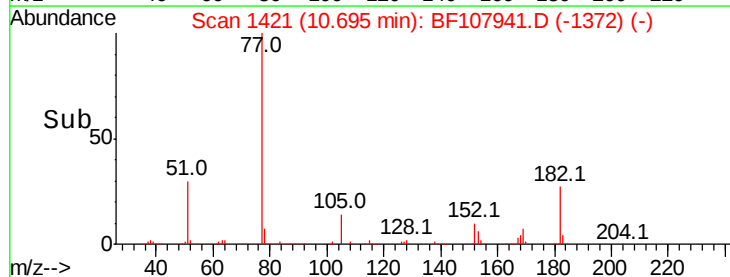
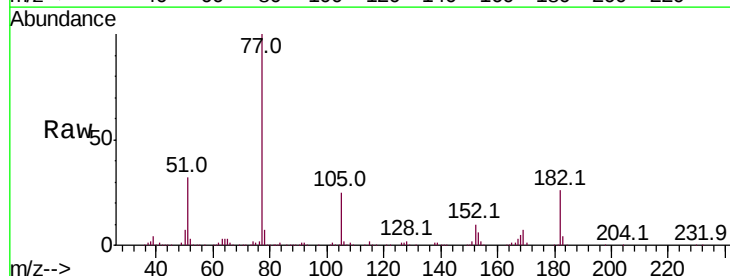
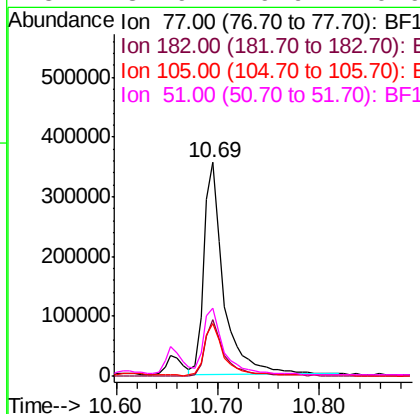
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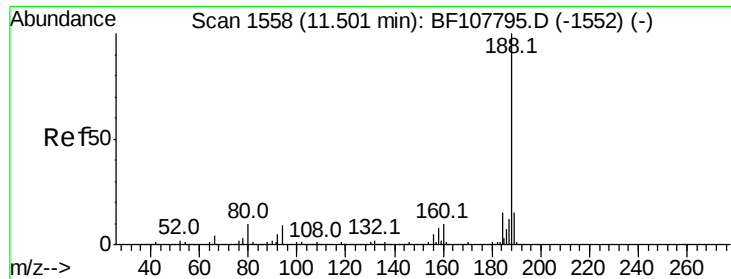
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#62
Azobenzene
Concen: 25.747 ng
RT: 10.69 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.1	1.7	41.7
105	24.6	3.0	43.0
51	31.9	9.9	49.9





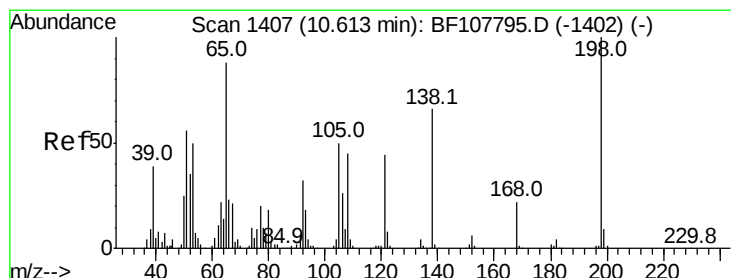
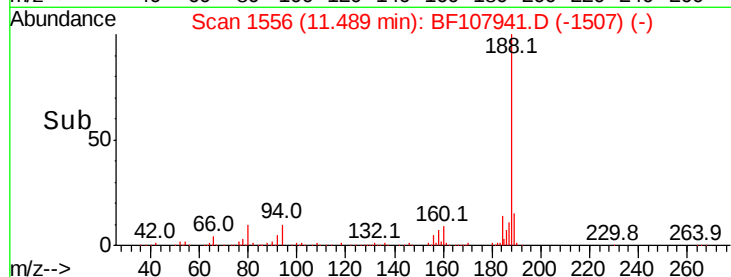
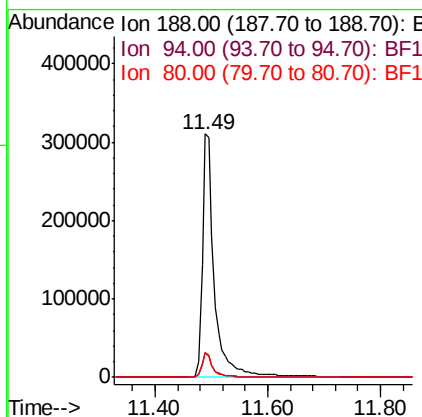
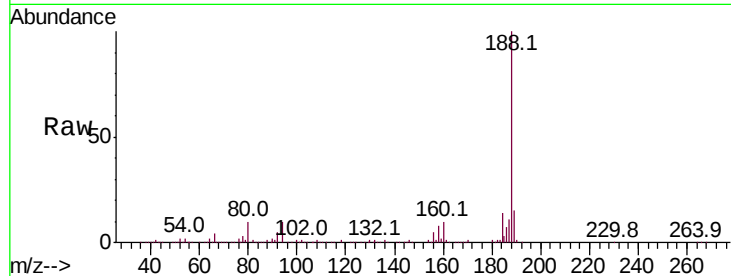
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	463514		
94	9.9		8.5	12.7
80	10.0		9.2	13.8

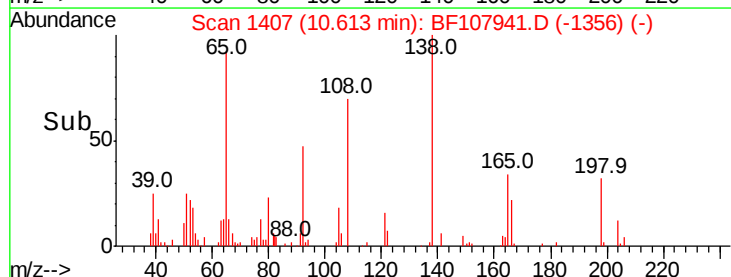
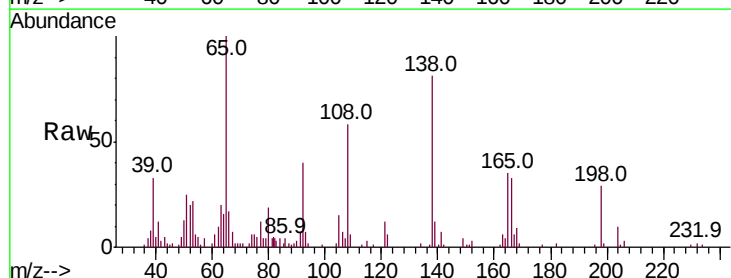
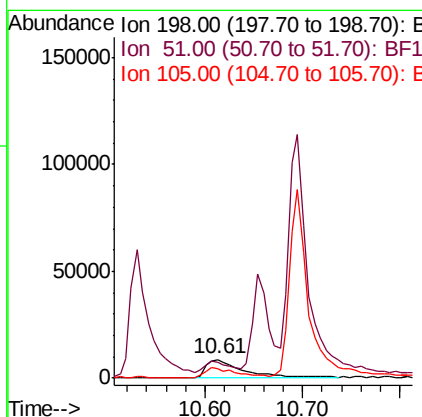
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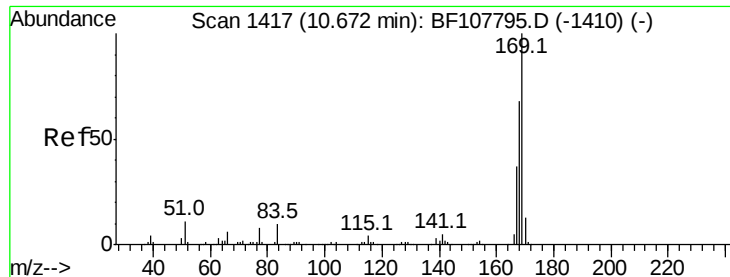
Sohil
8/6/2018 5:05:28 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 9.483 ng
RT: 10.61 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	23913		
51	87.8		37.7	77.7#
105	52.9		36.3	76.3





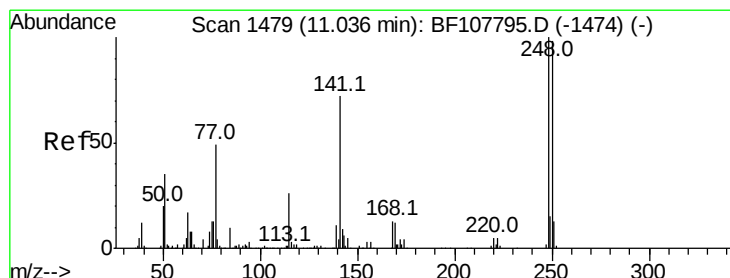
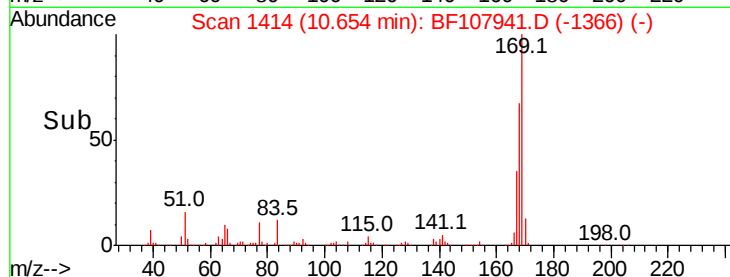
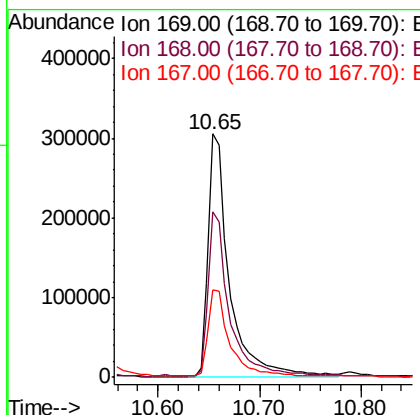
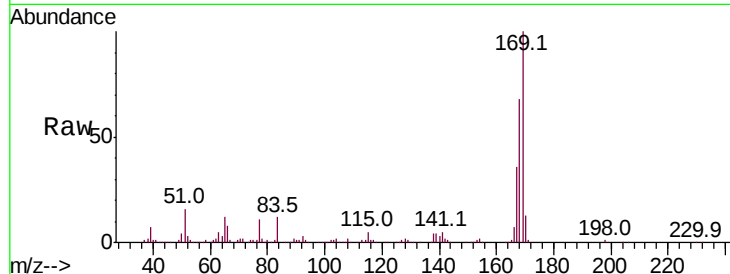
#65
n-Nitrosodiphenylamine
Concen: 29.340 ng
RT: 10.65 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	447791		
168	68.0	54.4	81.6	
167	35.7	29.8	44.6	

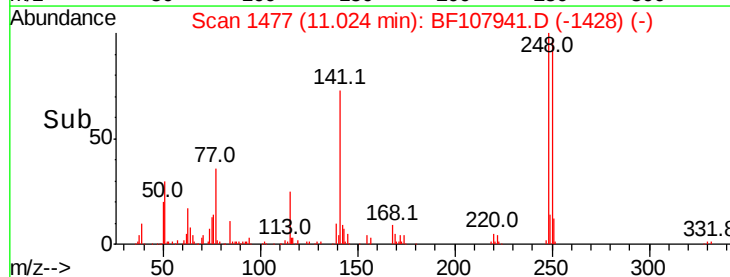
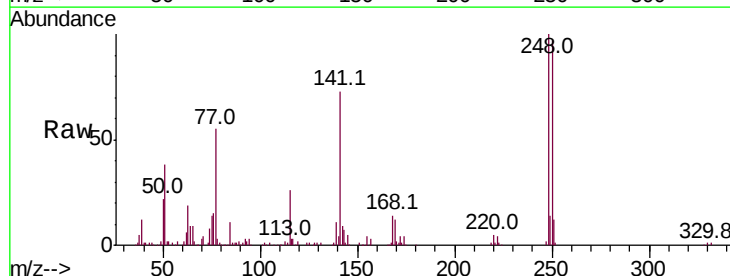
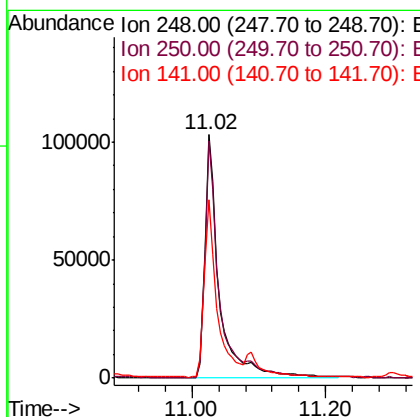
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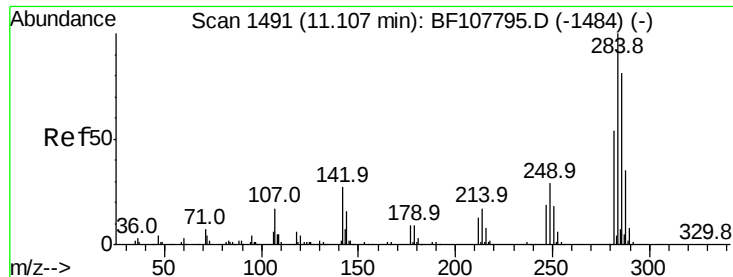
Sohil
8/6/2018 5:05:28 PM



#66
4-Bromophenyl-phenylether
Concen: 28.943 ng
RT: 11.02 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	156365		
250	97.3	76.9	115.3	
141	73.3	74.4	111.6	





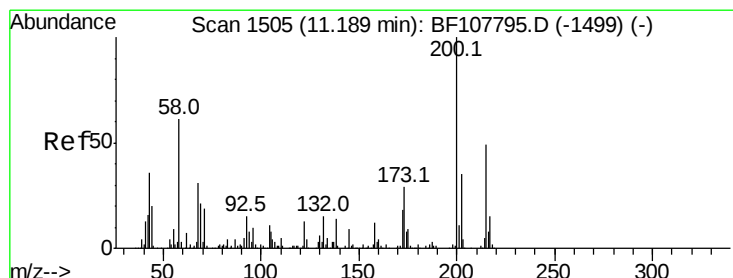
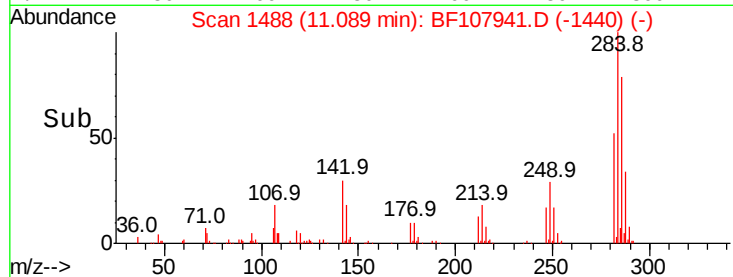
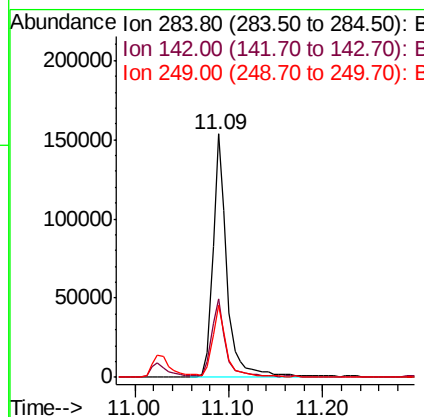
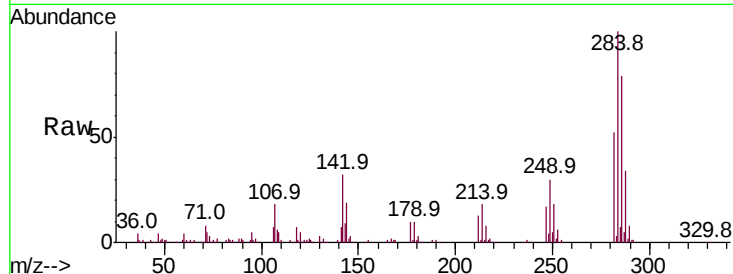
#67
Hexachlorobenzene
Concen: 27.331 ng
RT: 11.09 min Scan# 1488
Delta R.T. -0.02 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	163738		
142	32.2	34.6	52.0#	
249	29.7	24.8	37.2	

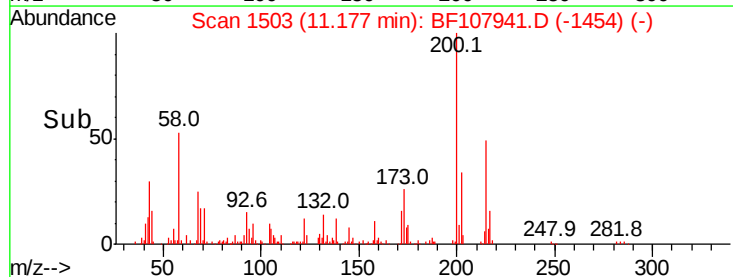
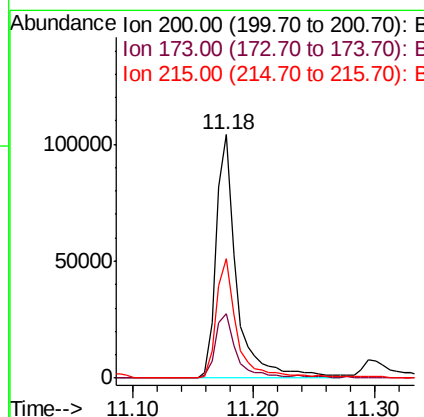
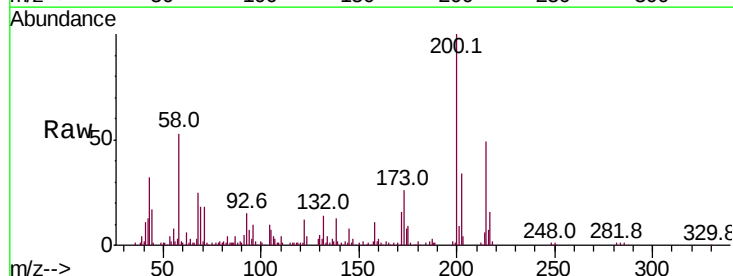
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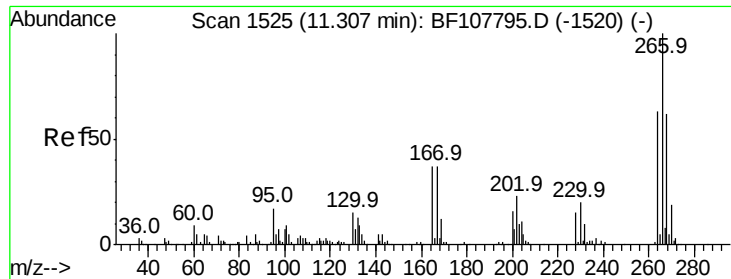
Sohil
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#68
Atrazine
Concen: 26.893 ng
RT: 11.18 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	121480		
173	26.5	8.6	48.6	
215	49.1	25.1	65.1	





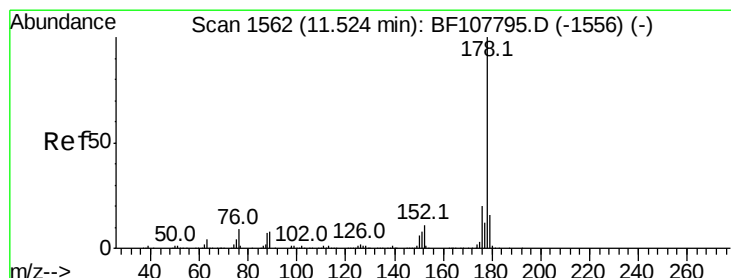
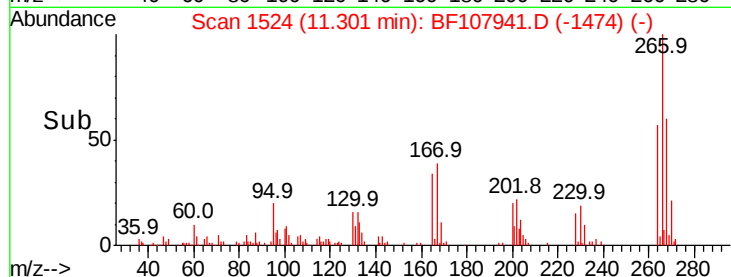
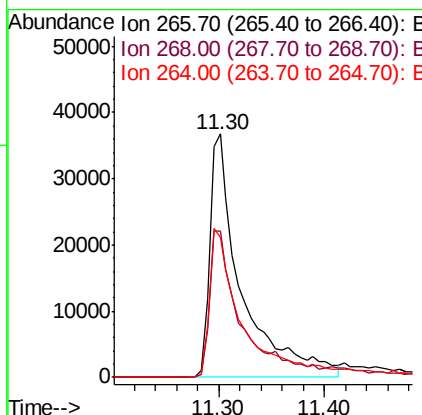
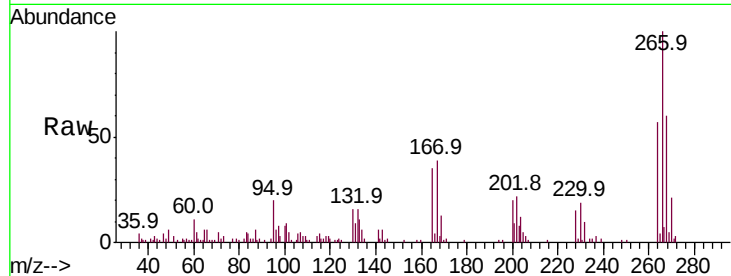
#69
 Pentachlorophenol
 Concen: 26.125 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-2MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.4	51.1	76.7
264	57.5	49.5	74.3

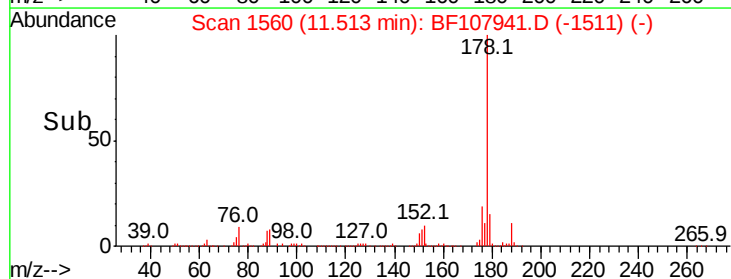
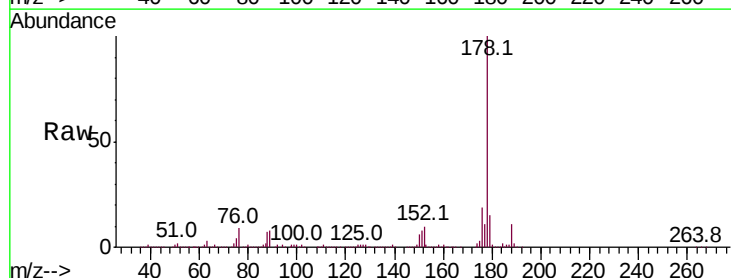
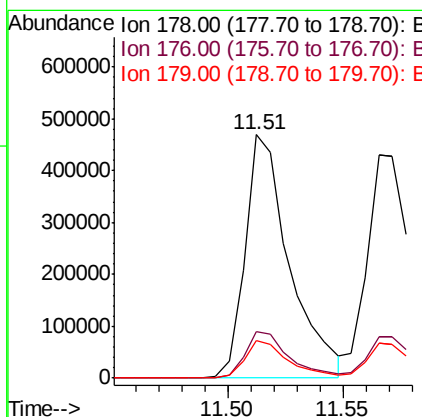
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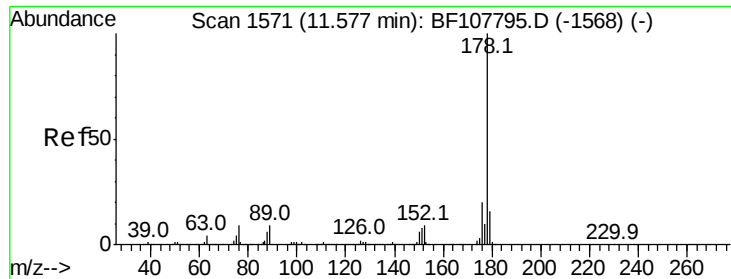
Sohil
 8/6/2018 5:05:28 PM



#70
 Phenanthrene
 Concen: 28.529 ng
 RT: 11.51 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.3	13.0	19.6





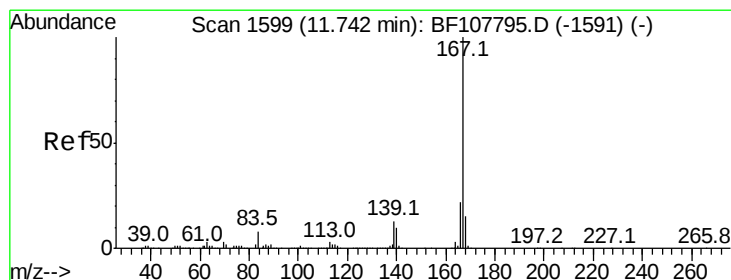
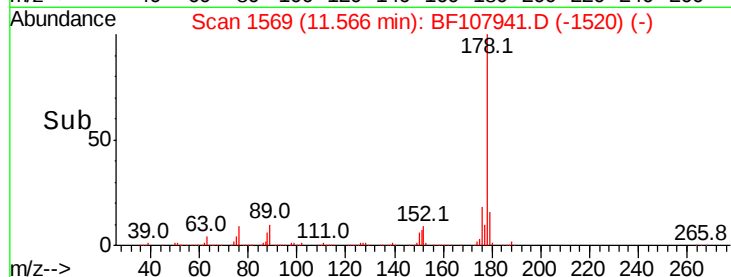
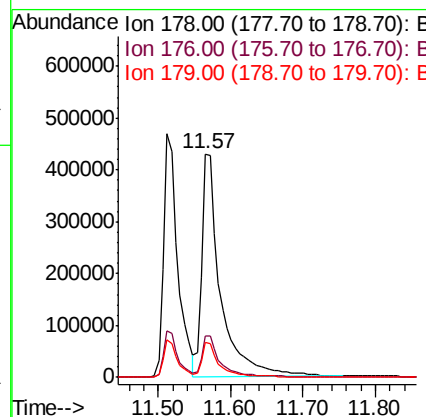
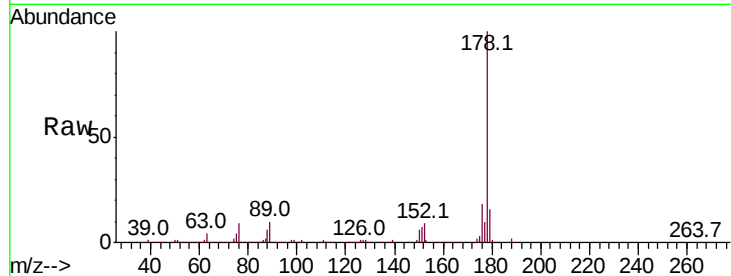
#71
 Anthracene
 Concen: 30.518 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-2MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.7	12.6	19.0

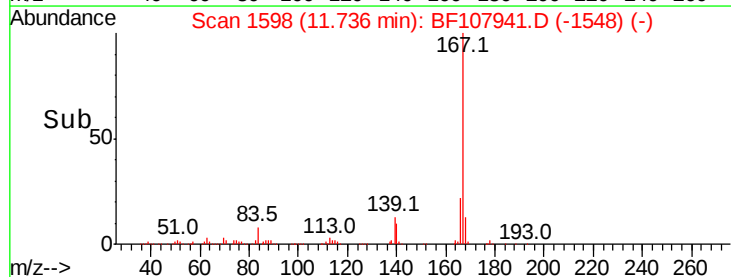
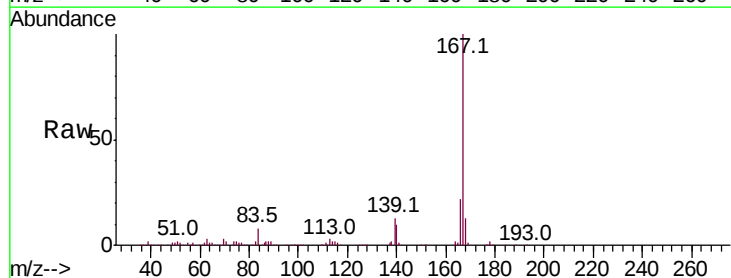
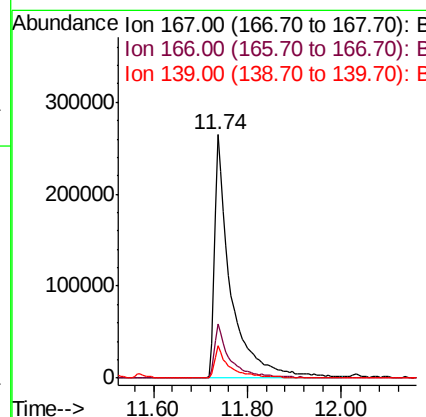
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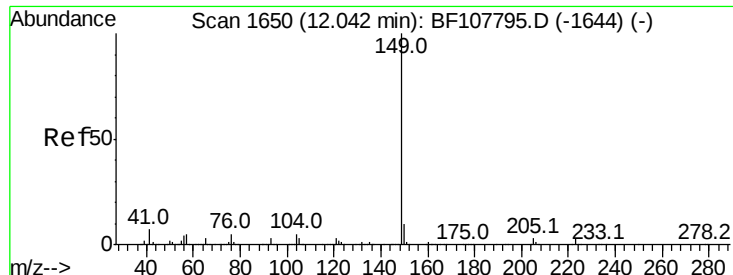
Sohil
 8/6/2018 5:05:28 PM



#72
 Carbazole
 Concen: 25.575 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	13.2	10.9	16.3





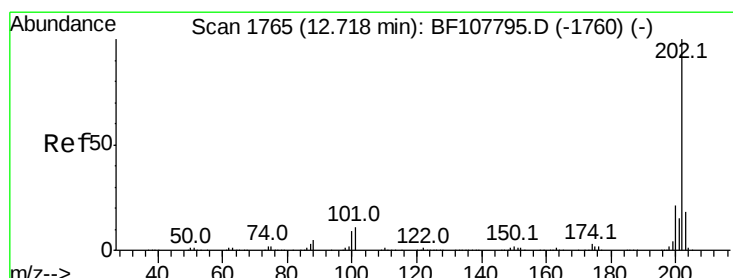
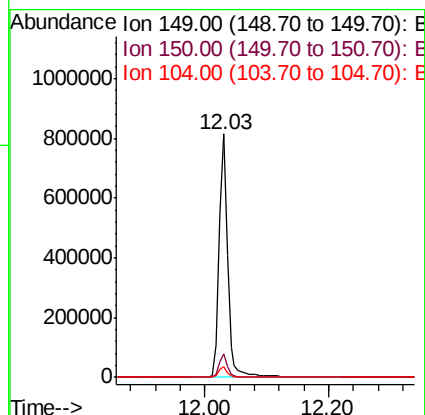
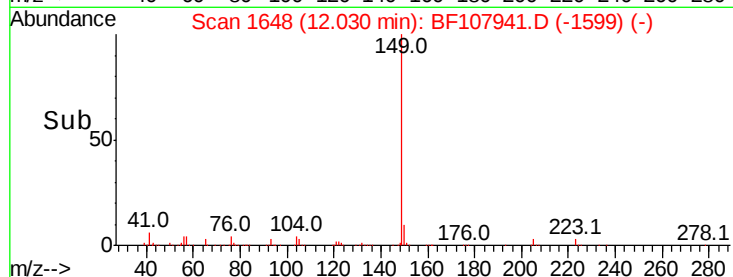
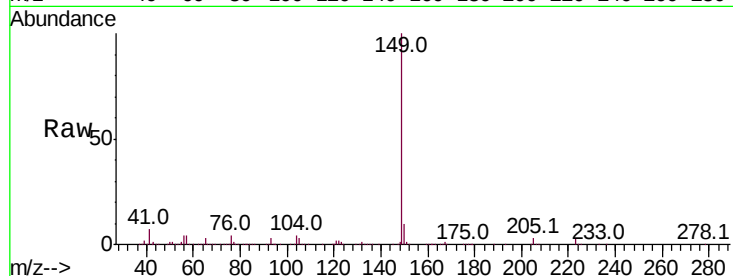
#73
Di-n-butylphthalate
Concen: 27.997 ng
RT: 12.03 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.6	7.8	11.6	
104	4.5	3.8	5.8	

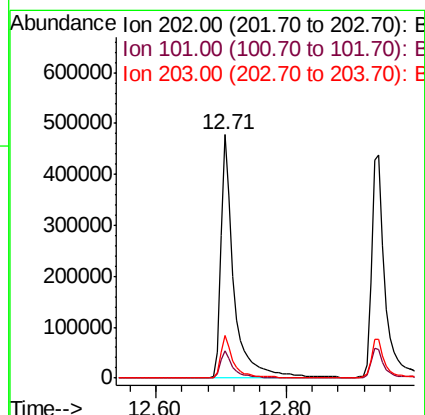
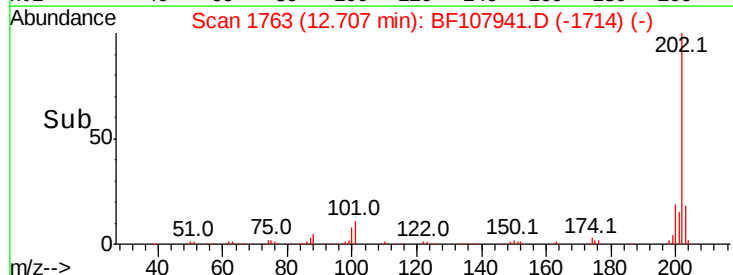
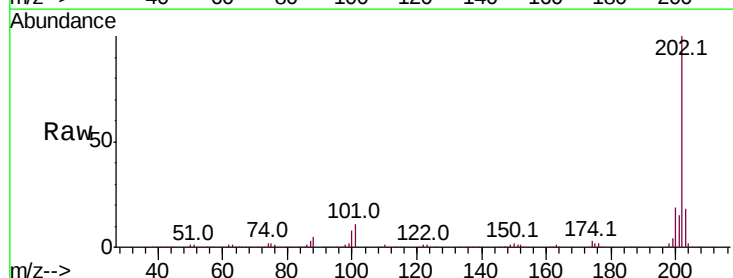
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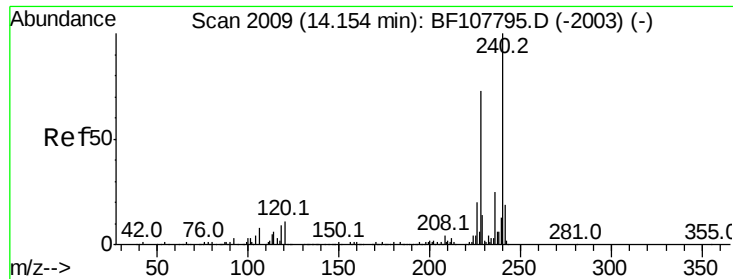
Sohil
8/6/2018 5:05:28 PM



#74
Fluoranthene
Concen: 25.662 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	11.0	0.0	34.1	
203	17.8	0.0	38.1	





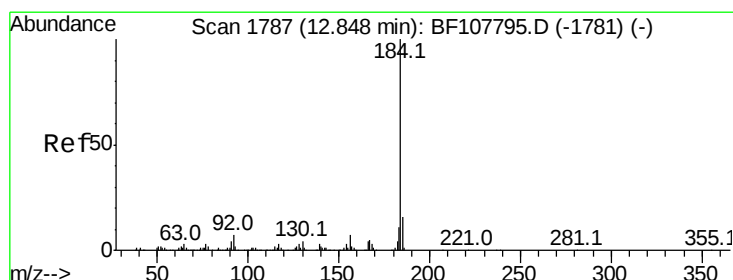
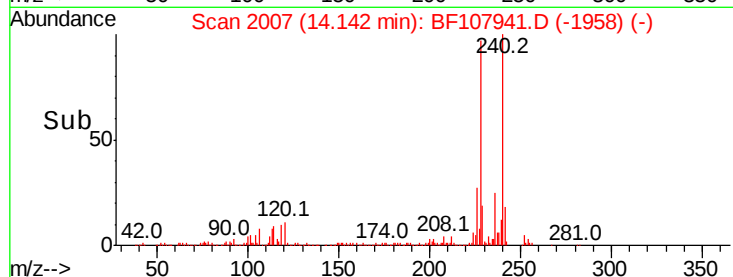
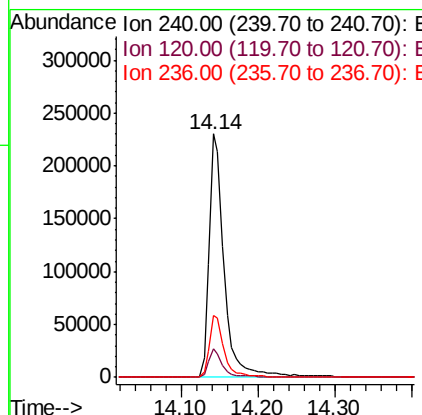
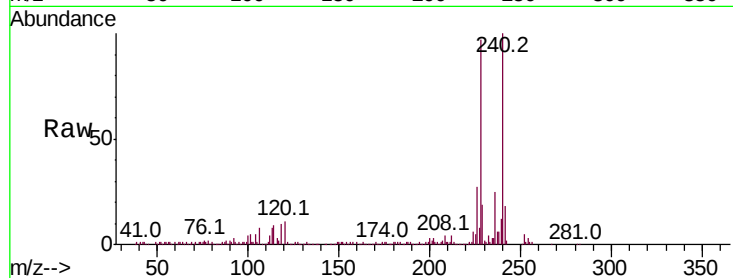
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	25.3	20.7	31.1

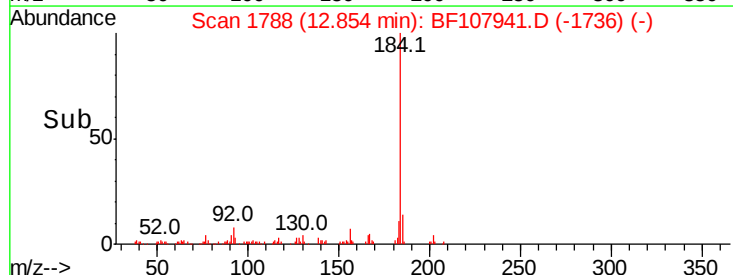
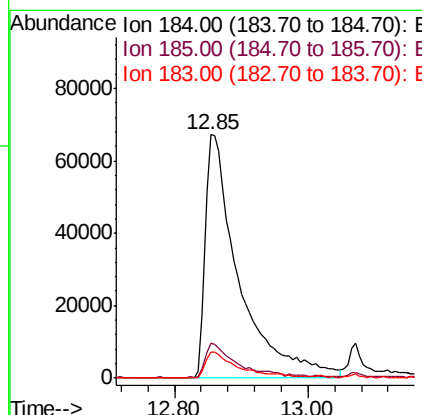
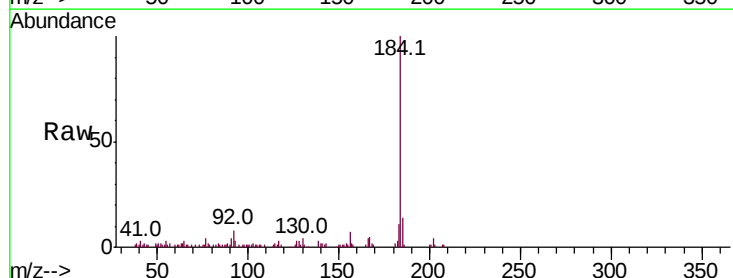
Manual Integrations
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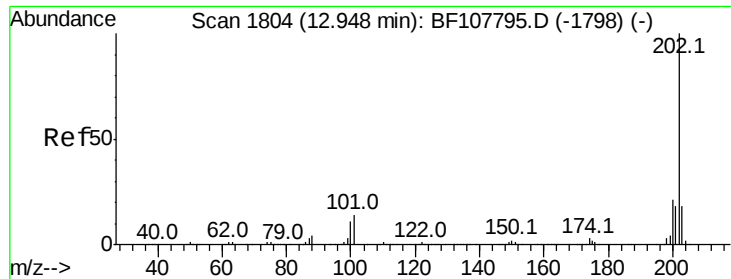
Sohil
8/6/2018 5:05:28 PM



#76
Benzidine
Concen: 23.635 ng
RT: 12.85 min Scan# 1788
Delta R.T. 0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.6	18.8
183	10.5	9.3	13.9





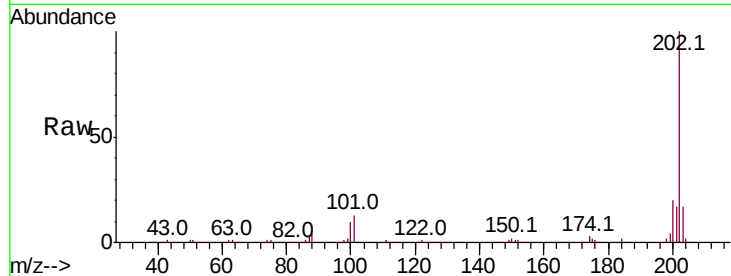
#77
Pvrene
Concen: 27.878 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	19.5	17.4	26.2
203	17.3	14.3	21.5

Manual Integrations
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Sohil
8/6/2018 5:05:28 PM

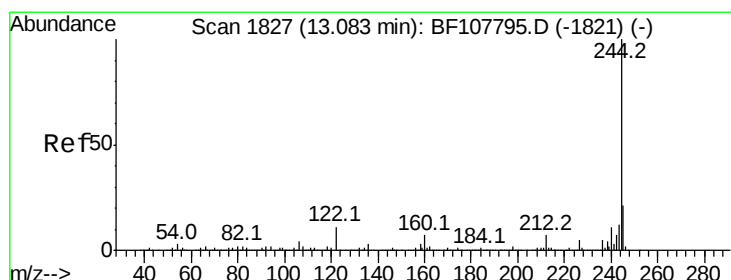
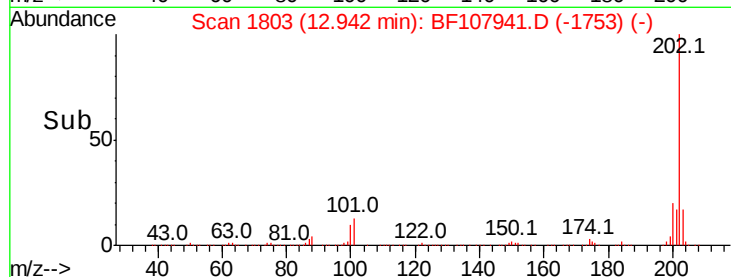
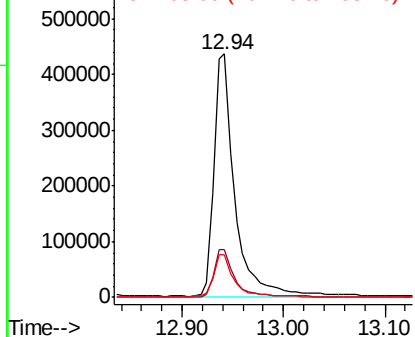


Abundance

Ion 202.00 (201.70 to 202.70): E

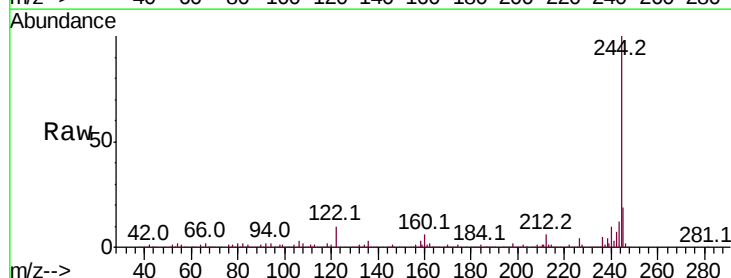
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 59.467 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.3	5.4	8.0
122	10.4	11.0	16.4#

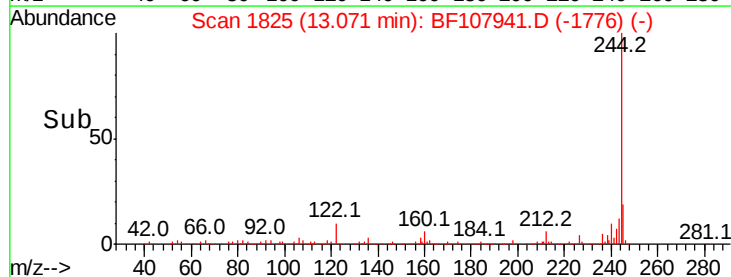
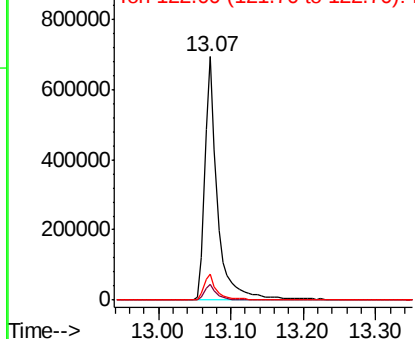


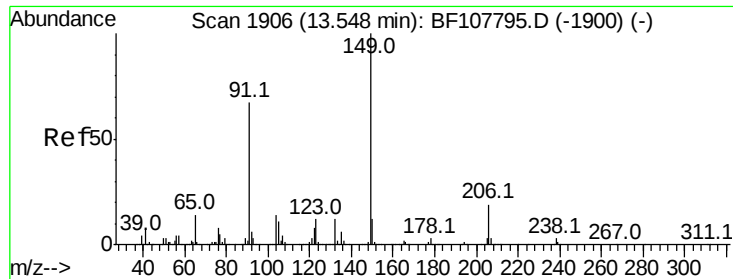
Abundance

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





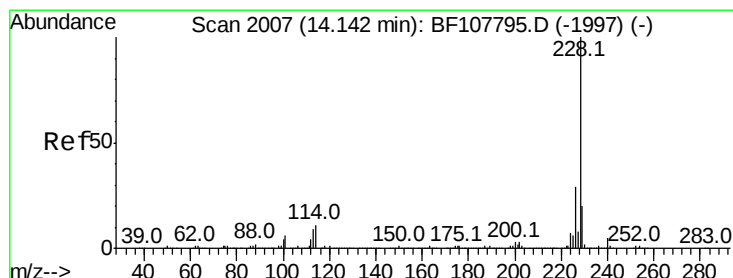
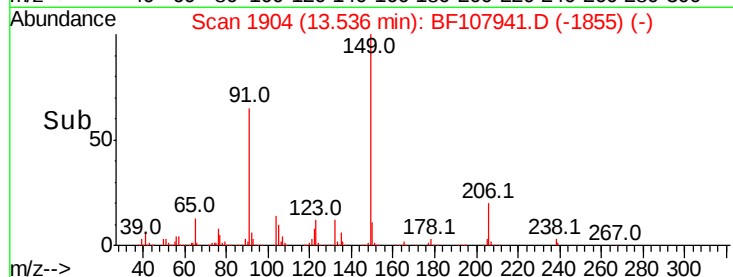
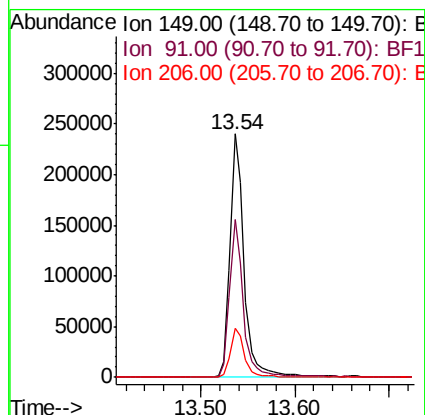
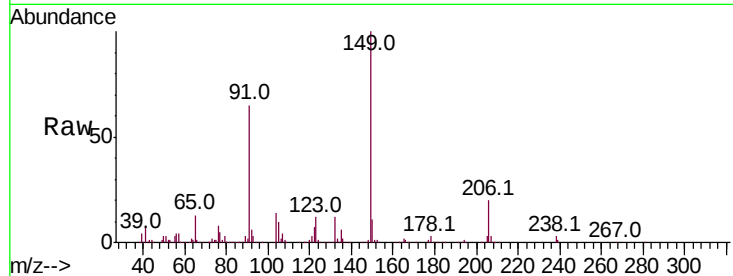
#79
Butylbenzylphthalate
Concen: 25.781 ng
RT: 13.54 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	251405		
91	65.1	56.8	85.2	
206	20.4	14.1	21.1	

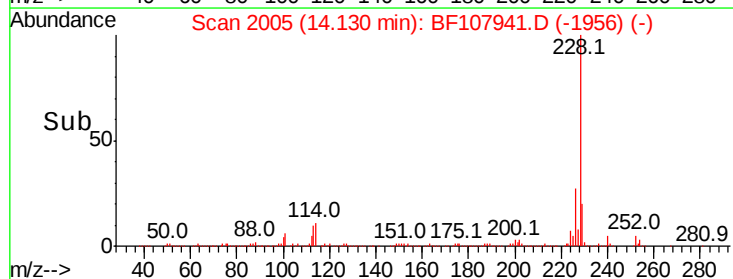
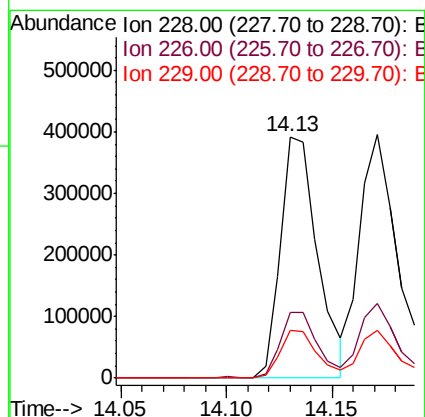
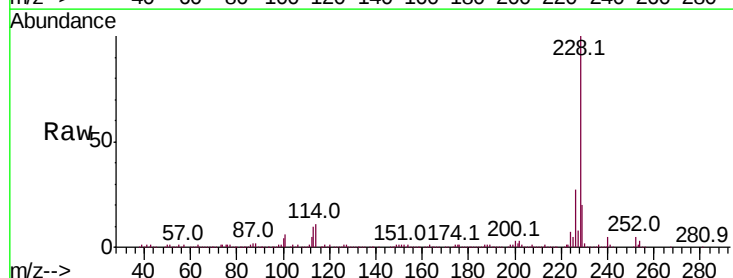
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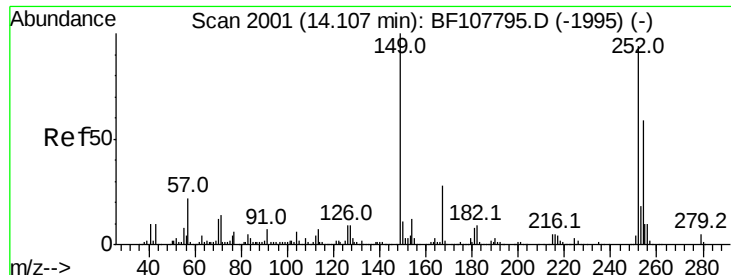
Sohil
8/6/2018 5:05:28 PM



#80
Benzo(a)anthracene
Concen: 27.405 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	480081		
226	27.4	22.6	33.8	
229	19.7	15.8	23.6	





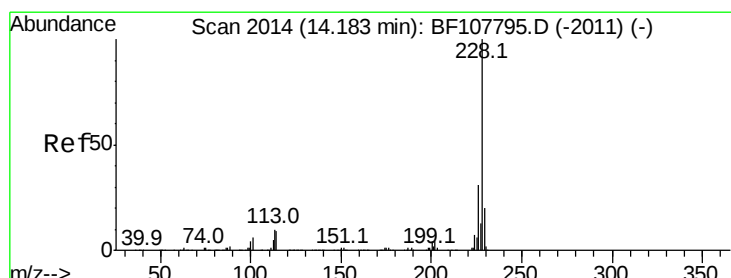
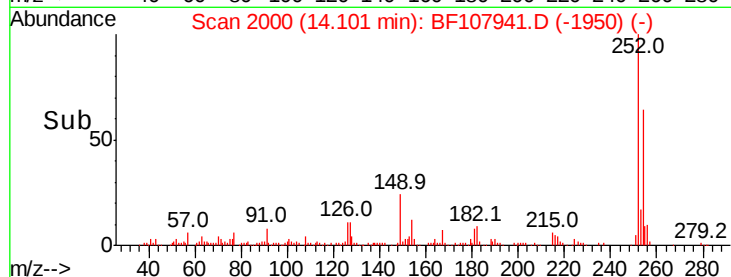
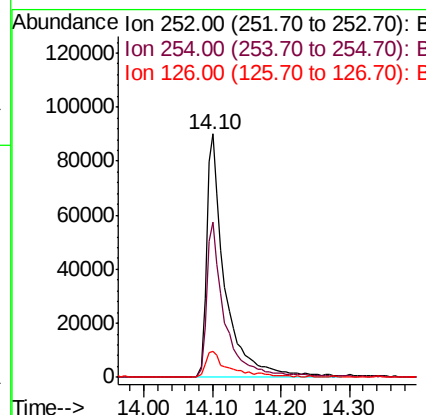
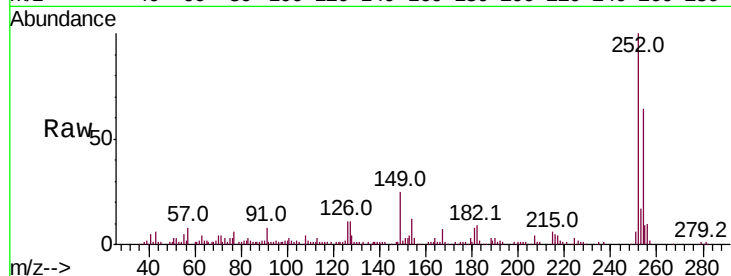
#81
 3,3'-Dichlorobenzidine
 Concen: 24.907 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	50.4	75.6
126	10.5	11.3	16.9

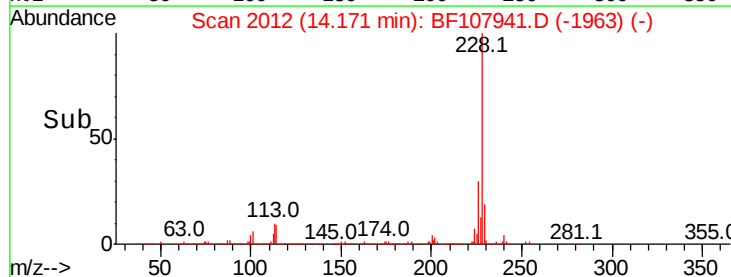
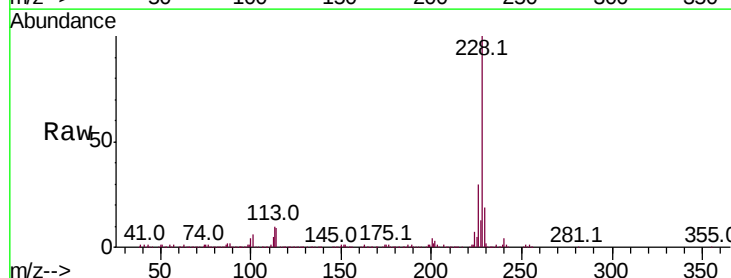
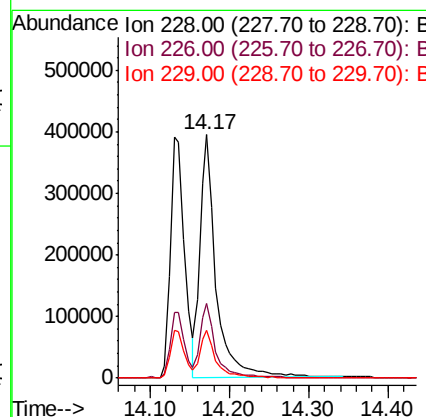
Manual Integrations
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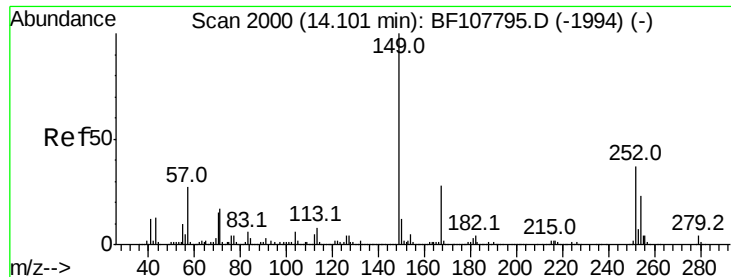
Sohil
 8/6/2018 5:05:28 PM



#82
 Chrysene
 Concen: 29.753 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.4	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 26.900 ng

RT: 14.09 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

Instrument :

BNA_F

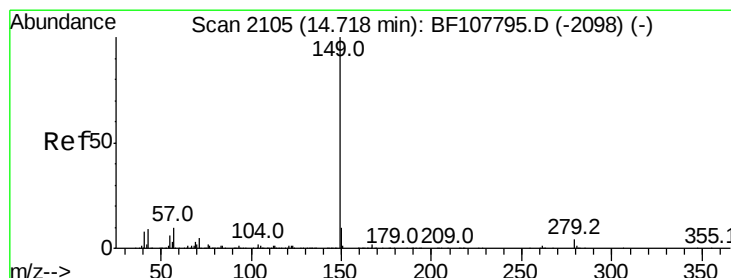
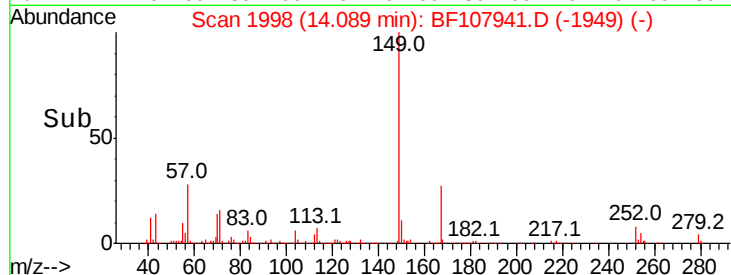
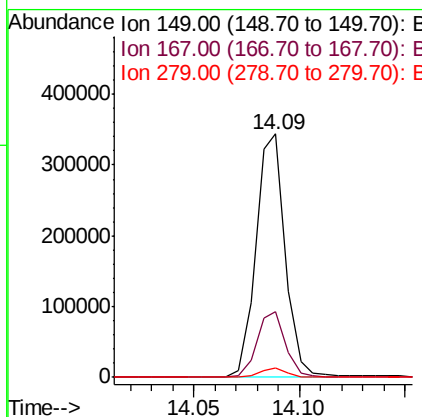
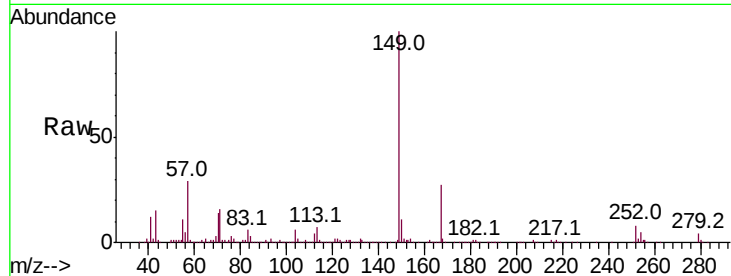
ClientSampleId :

KG-PIT-2MSD

Tot Ion:	149	Resp:	329771
Ion Ratio	Lower	Upper	
149	100		
167	27.2	21.3	31.9
279	3.9	3.0	4.4

Manual Integrations
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Sohil
8/6/2018 5:05:28 PM



#84

Di-n-octyl phthalate

Concen: 29.872 ng

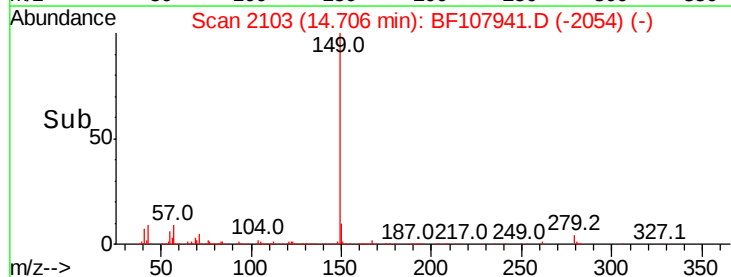
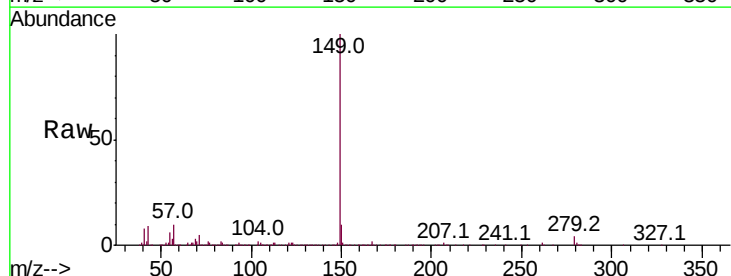
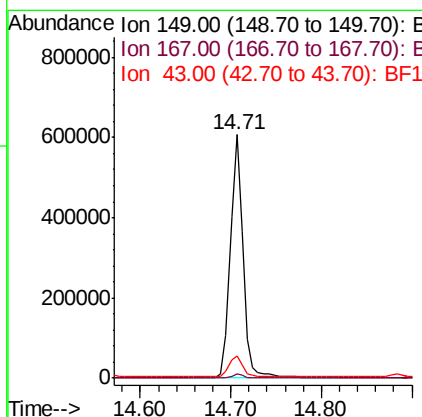
RT: 14.71 min Scan# 2103

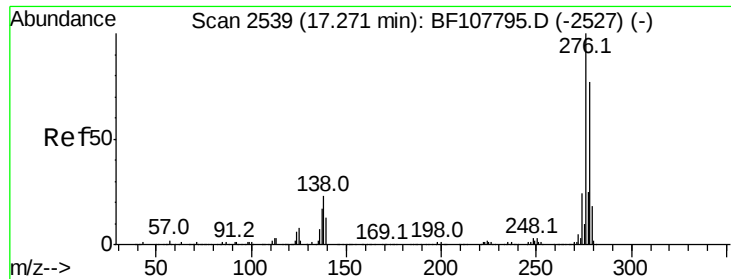
Delta R.T. -0.01 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

Tgt Ion:	149	Resp:	587804
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	9.2	8.4	12.6





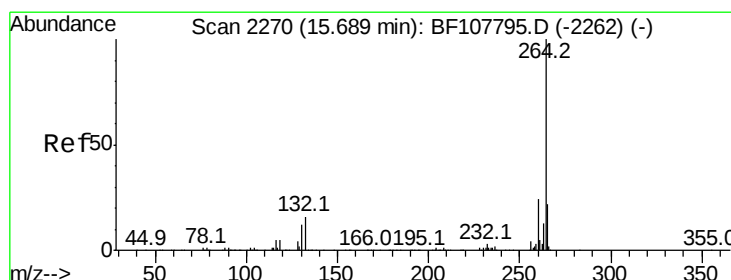
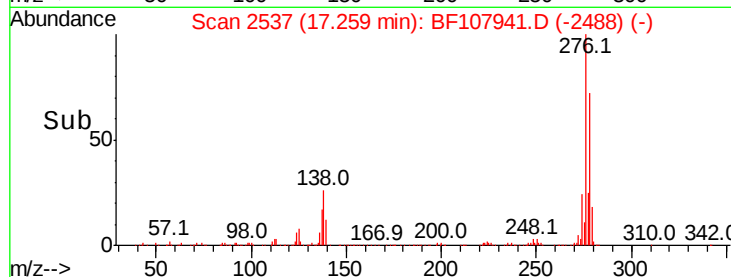
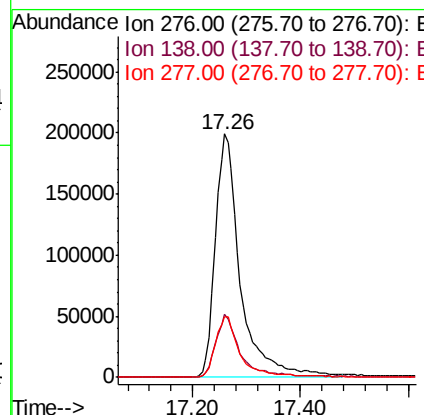
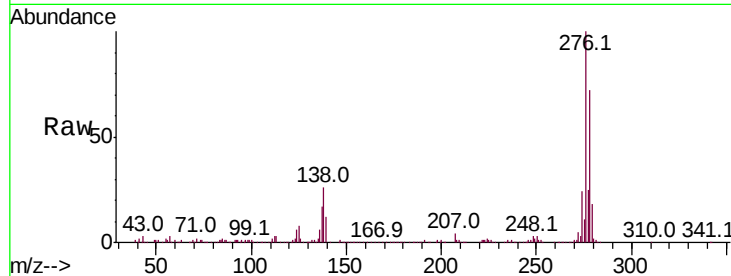
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.020 ng
 RT: 17.26 min Scan# 2537
 Delta R.T. -0.01 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-2MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.4	25.0	37.6
277	24.3	20.1	30.1

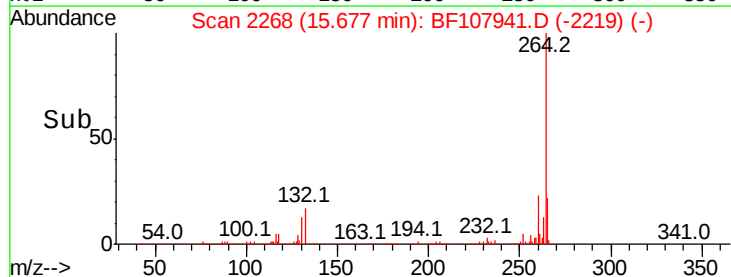
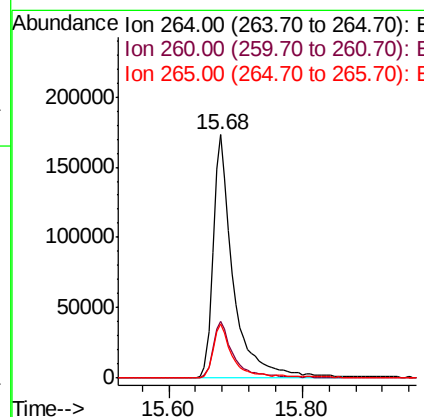
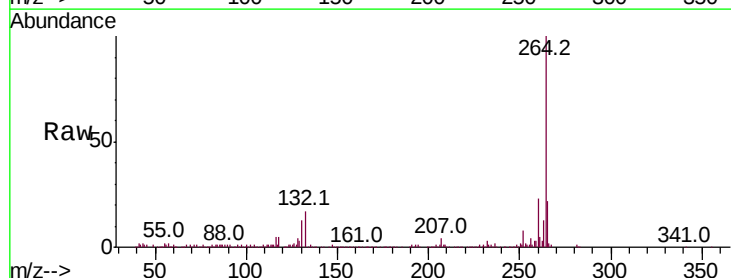
Manual Integrations
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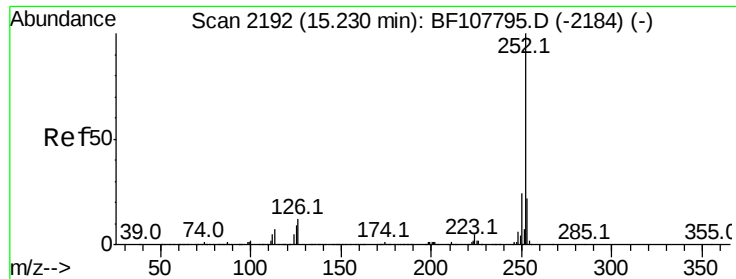
Sohil
 8/6/2018 5:05:28 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.1	17.5	26.3





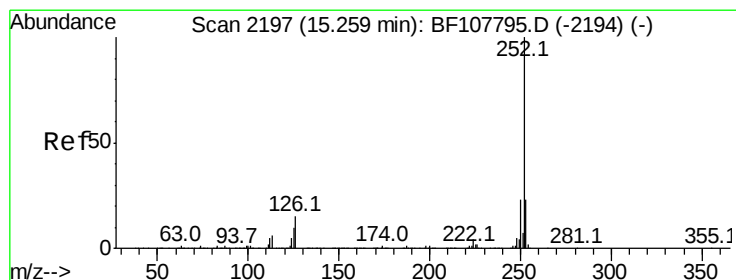
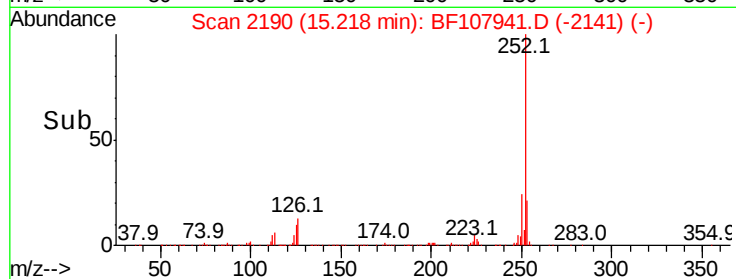
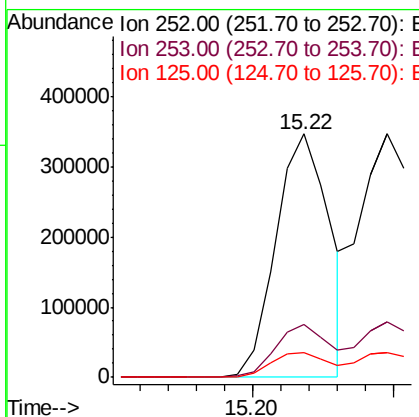
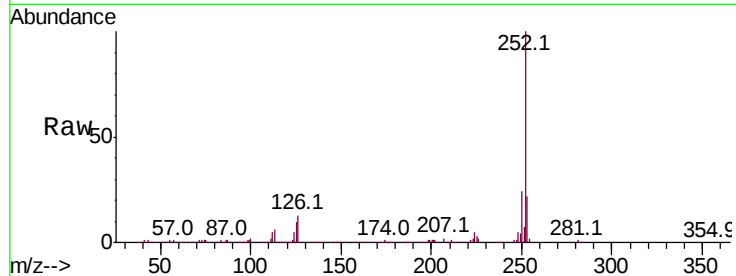
#87
Benzo(b)fluoranthene
Concen: 25.298 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	10.0	9.0	13.6

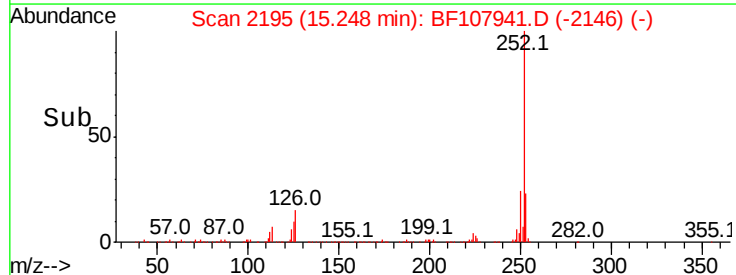
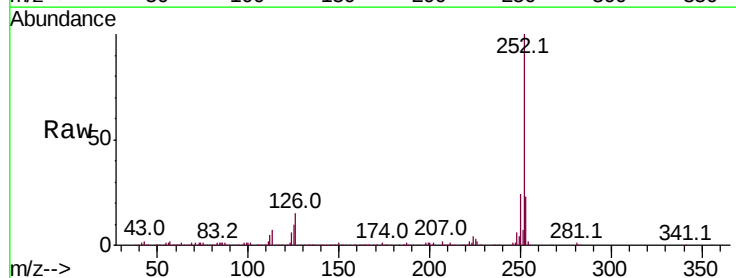
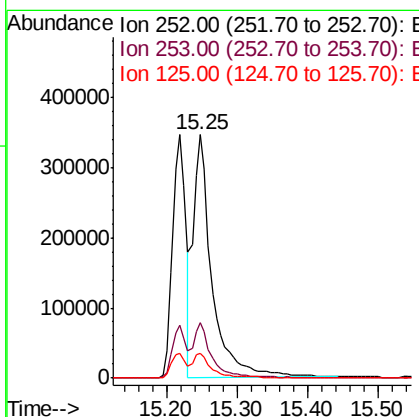
Manual Integrations
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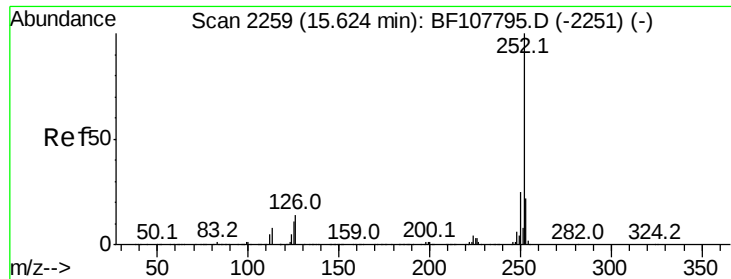
Sohil
8/6/2018 5:05:28 PM



#88
Benzo(k)fluoranthene
Concen: 29.145 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	10.3	10.2	15.2





#89

Benzo(a)pyrene

Concen: 29.838 ng

RT: 15.61 min Scan# 2257

Delta R.T. -0.01 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

Instrument :

BNA_F

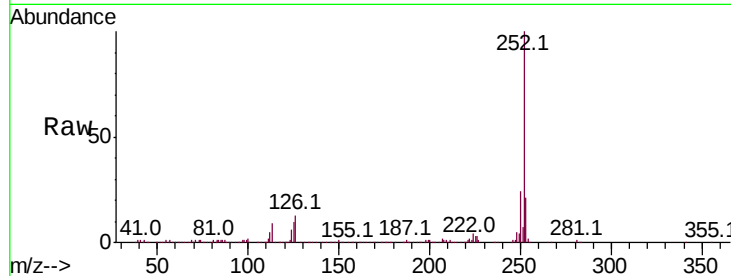
ClientSampleId :

KG-PIT-2MSD

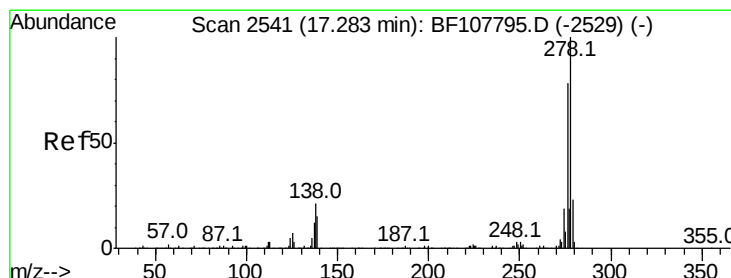
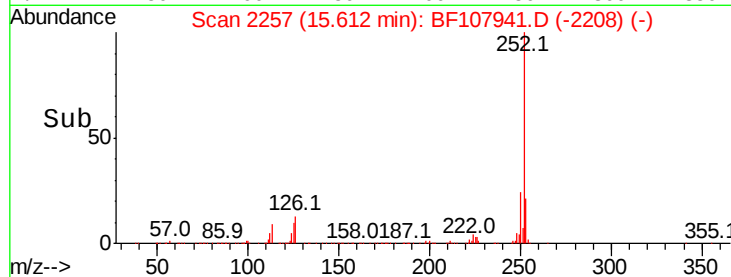
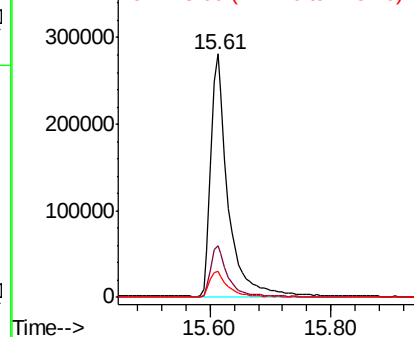
Tot Ion:	252	Resp:	556125
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.1	25.7
125	10.5	9.8	14.6

Manual Integrations
APPROVED

Sohil
8/6/2018 5:05:28 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



#90

Dibenzo(a,h)anthracene

Concen: 33.395 ng

RT: 17.27 min Scan# 2539

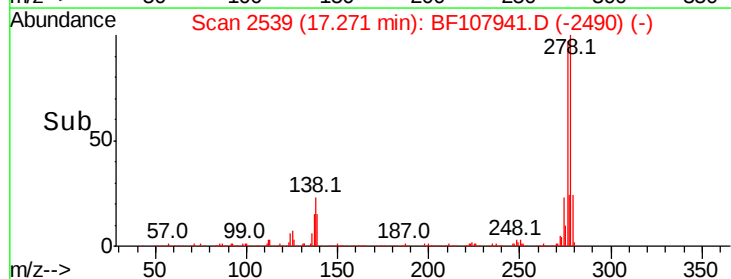
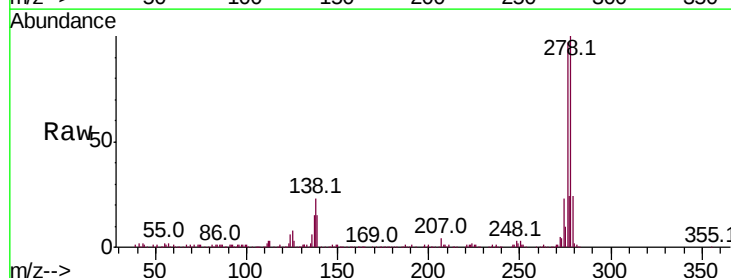
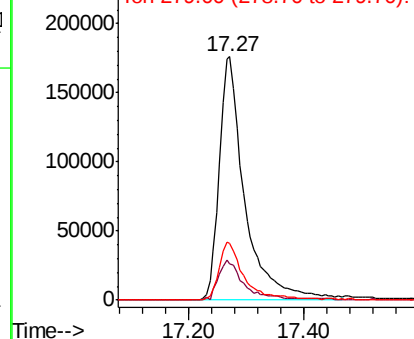
Delta R.T. -0.01 min

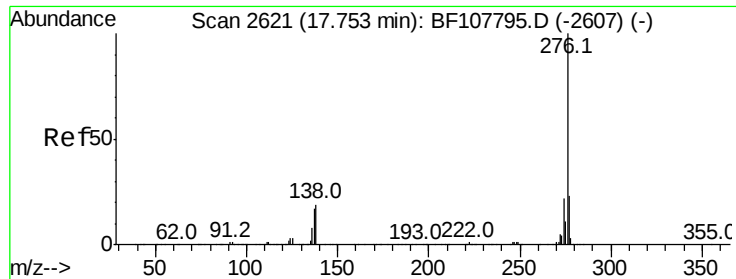
Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

Tgt Ion:	278	Resp:	542930
Ion Ratio	Lower	Upper	
278	100		
139	14.9	15.9	23.9#
279	23.5	19.0	28.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 32.271 ng
 RT: 17.74 min Scan# 2618
 Delta R.T. -0.02 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-2MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	21.1	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 8/6/2018 5:05:28 PM

