

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
 Data File : BF108928.D
 Acq On : 11 Sep 2018 12:02
 Operator : JU/SJ
 Sample : PB112707BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112707BS

Manual Integrations
 APPROVED

Sohil
 9/12/2018 9:11:41 AM

Quant Time: Sep 11 12:27:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	174465	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	711970	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	340775	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	655230	20.00	ng	0.00
75) Chrysene-d12	13.88	240	422942	20.00	ng	0.01
86) Perylene-d12	15.28	264	362976	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1074353	102.02	ng	0.02
7) Phenol-d6	6.38	99	1378215	101.71	ng	0.01
23) Nitrobenzene-d5	7.30	82	869129	76.39	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	369278	113.51	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1569816	78.59	ng	0.00
78) Terphenyl-d14	12.83	244	1535804	84.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	195674	38.662	ng	93
3) Pyridine	3.22	79	550960	39.750	ng	92
4) n-Nitrosodimethylamine	3.15	42	229149	43.044	ng	94
6) Aniline	6.40	93	556847	30.555	ng	99
8) 2-Chlorophenol	6.52	128	483994	41.521	ng	98
9) Benzaldehyde	6.28	77	260183	27.067	ng	99
10) Phenol	6.39	94	591173	38.092	ng	83
11) bis(2-Chloroethyl)ether	6.48	93	476988	38.366	ng	97
12) 1,3-Dichlorobenzene	6.68	146	525200	39.483	ng	99
13) 1,4-Dichlorobenzene	6.76	146	526579	39.585	ng	97
14) 1,2-Dichlorobenzene	6.91	146	494315	40.315	ng	97
15) Benzyl Alcohol	6.88	79	422469	40.627	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	715600	38.506	ng	96
17) 2-Methylphenol	7.00	107	401028	40.710	ng	98
18) Hexachloroethane	7.25	117	195967	40.856	ng	98
19) n-Nitroso-di-n-propylamine	7.16	70	339644	36.061	ng	97
20) 3+4-Methylphenols	7.15	107	460341	39.892	ng	# 71
22) Acetophenone	7.15	105	647494	40.072	ng	# 91
24) Nitrobenzene	7.32	77	516247	42.291	ng	98
25) Isophorone	7.56	82	962799	42.427	ng	97
26) 2-Nitrophenol	7.64	139	241251	50.165	ng	97
27) 2,4-Dimethylphenol	7.68	122	435921	44.637	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	609954	40.202	ng	99
29) 2,4-Dichlorophenol	7.88	162	410497	40.764	ng	96
30) 1,2,4-Trichlorobenzene	7.97	180	422880	38.749	ng	98
31) Naphthalene	8.04	128	1371826	42.827	ng	99
32) Benzoic acid	7.81	122	283304	44.890	ng	98
33) 4-Chloroaniline	8.09	127	371982	25.285	ng	99
34) Hexachlorobutadiene	8.17	225	251903	38.638	ng	98
35) Caprolactam	8.46	113	132863m	38.937	ng	
36) 4-Chloro-3-methylphenol	8.58	107	425911	39.703	ng	99
37) 2-Methylnaphthalene	8.74	142	917568	43.360	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	392910	38.571	ng	99
40) Hexachlorocyclopentadiene	8.90	237	515157	100.524	ng	99

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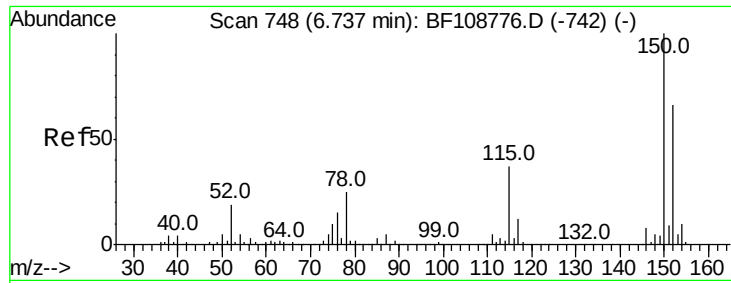
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	290305	41.840	nq	99
43) 2,4,5-Trichlorophenol	9.05	196	312811	43.493	nq	# 94
45) 1,1'-Biphenyl	9.20	154	1083351	41.294	nq	98
46) 2-Chloronaphthalene	9.22	162	845553	39.852	nq	99
47) 2-Nitroaniline	9.31	65	268299	46.288	nq	97
48) Acenaphthylene	9.64	152	1362496	43.081	nq	99
49) Dimethylphthalate	9.50	163	972904	40.818	nq	# 99
50) 2,6-Dinitrotoluene	9.55	165	219032	48.227	nq	94
51) Acenaphthene	9.81	154	811190	41.448	nq	98
52) 3-Nitroaniline	9.72	138	182063	33.676	nq	96
53) 2,4-Dinitrophenol	9.83	184	182954	106.213	nq	# 20
54) Dibenzofuran	9.98	168	1160889	40.692	nq	97
55) 4-Nitrophenol	9.89	139	372074	92.059	nq	98
56) 2,4-Dinitrotoluene	9.96	165	292629	50.382	nq	# 98
57) Fluorene	10.32	166	853940	46.644	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	261318	45.055	nq	88
59) Diethylphthalate	10.20	149	968619	39.380	nq	96
60) 4-Chlorophenyl-phenylether	10.31	204	410040	41.937	nq	94
61) 4-Nitroaniline	10.34	138	237395	48.471	nq	96
62) Azobenzene	10.47	77	1013605	39.922	nq	97
64) 4,6-Dinitro-2-methylphenol	10.37	198	117445	45.926	nq	92
65) n-Nitrosodiphenylamine	10.43	169	834896	38.324	nq	96
66) 4-Bromophenyl-phenylether	10.80	248	287000	38.781	nq	# 88
67) Hexachlorobenzene	10.87	284	301142	38.119	nq	# 89
68) Atrazine	10.96	200	275090	39.445	nq	99
69) Pentachlorophenol	11.06	266	327627	67.833	nq	99
70) Phenanthrene	11.28	178	1315603	42.045	nq	99
71) Anthracene	11.33	178	1349453	45.044	nq	99
72) Carbazole	11.48	167	1213595	38.465	nq	99
73) Di-n-butylphthalate	11.82	149	1485650	42.403	nq	99
74) Fluoranthene	12.46	202	1361055	43.933	nq	98
76) Benzidine	12.58	184	642178	32.036	nq	98
77) Pyrene	12.68	202	1370387	42.108	nq	100
79) Butylbenzylphthalate	13.31	149	592828	40.450	nq	96
80) Benzo(a)anthracene	13.87	228	1049355	38.708	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	254750	24.120	nq	# 97
82) Chrysene	13.91	228	1044874	39.814	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	686395	37.268	nq	100
84) Di-n-octyl phthalate	14.48	149	1154134	37.587	nq	100
85) Indeno(1,2,3-cd)pyrene	16.65	276	861472	37.092	nq	95
87) Benzo(b)fluoranthene	14.89	252	913832	46.300	nq	98
88) Benzo(k)fluoranthene	14.91	252	788522	43.383	nq	98
89) Benzo(a)pyrene	15.23	252	795577	44.673	nq	98
90) Dibenzo(a,h)anthracene	16.67	278	704457	44.891	nq	97
91) Benzo(g,h,i)perylene	17.06	276	750350	47.756	nq	95

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



#1

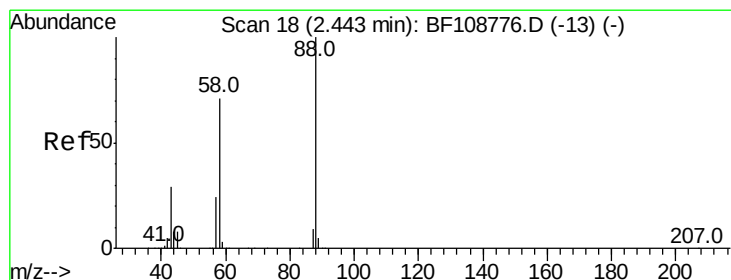
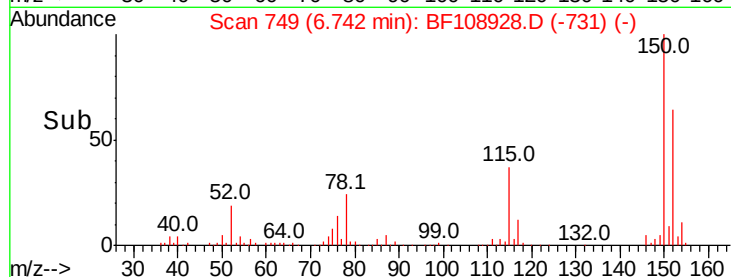
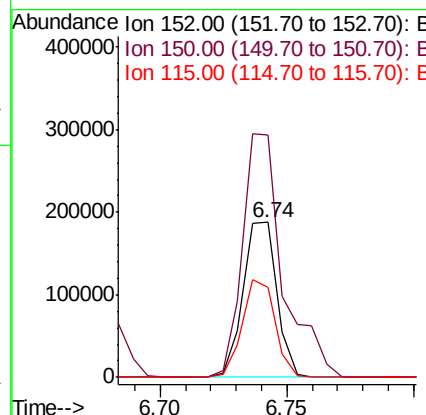
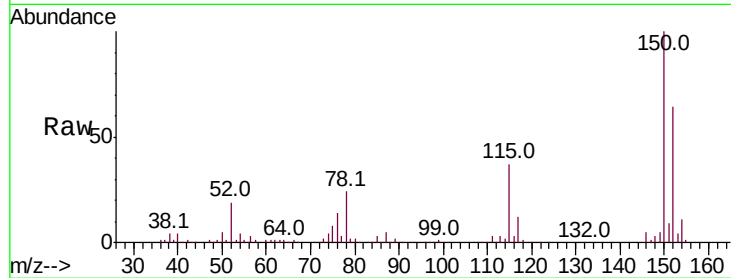
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Instrument :
BNA_F
ClientSampleId :
PB112707BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	58.0	50.1	75.1

Manual Integrations
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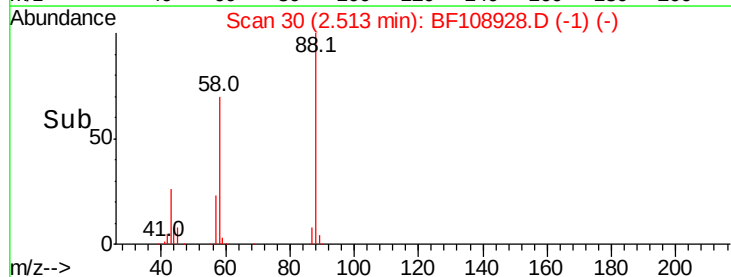
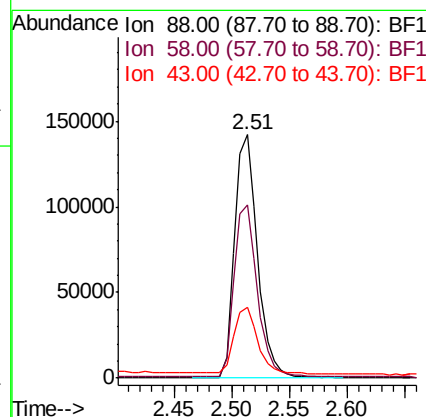
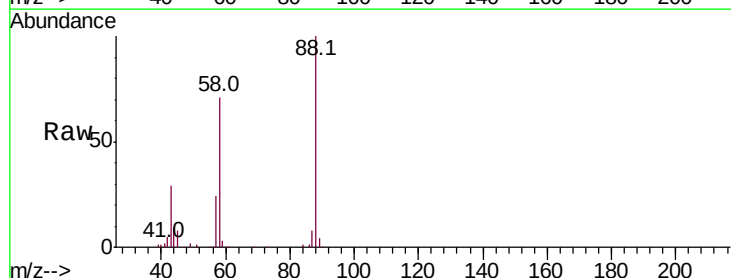
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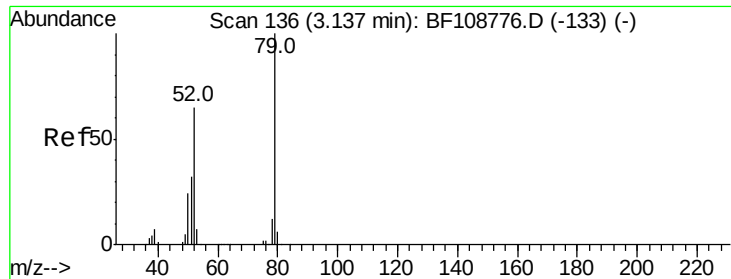


#2

1,4-Dioxane
Concen: 38.662 ng
RT: 2.51 min Scan# 30
Delta R.T. 0.07 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.2	62.6	93.8
43	28.8	24.6	37.0





#3

Pvridine

Concen: 39.750 ng

RT: 3.22 min Scan# 150

Delta R.T. 0.08 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Instrument :

BNA_F

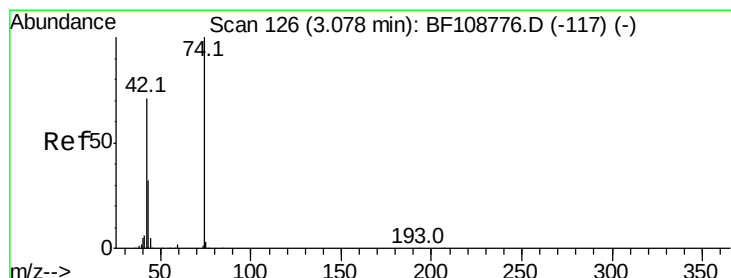
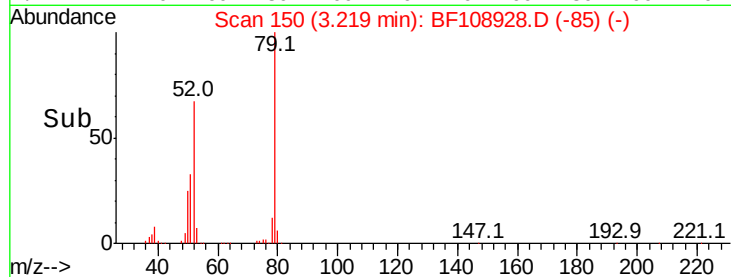
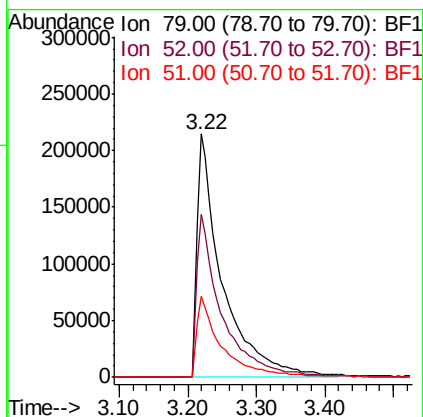
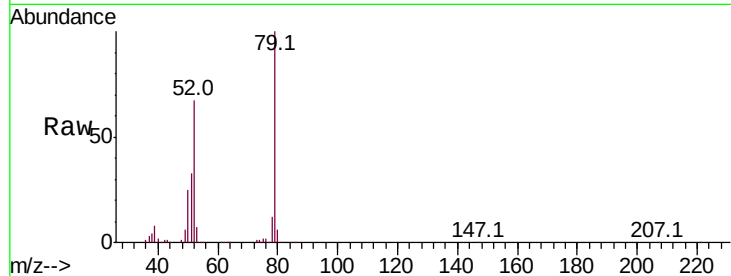
ClientSampleId :

PB112707BS

Tot Ion:	79	Resp:	550960
Ion Ratio	Lower	Upper	
79	100		
52	66.9	59.8	89.6
51	33.1	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 43.044 ng

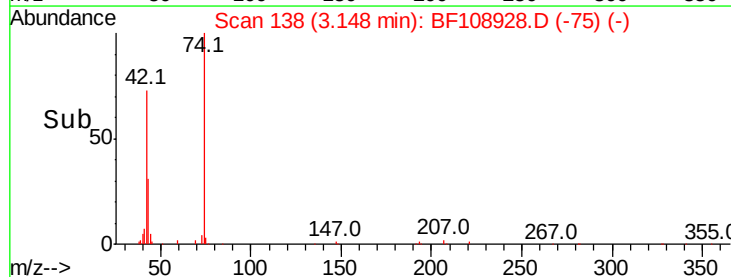
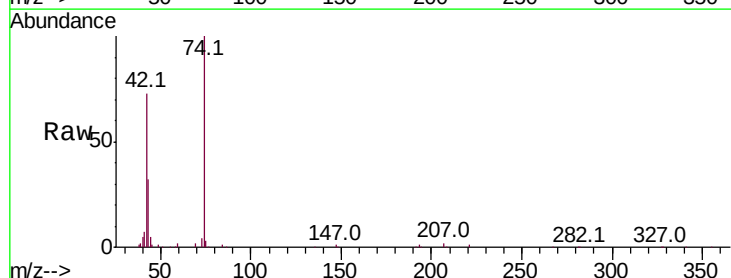
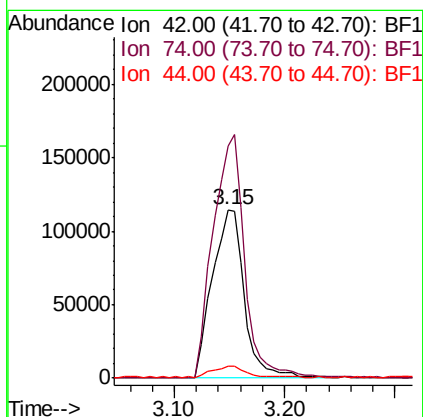
RT: 3.15 min Scan# 138

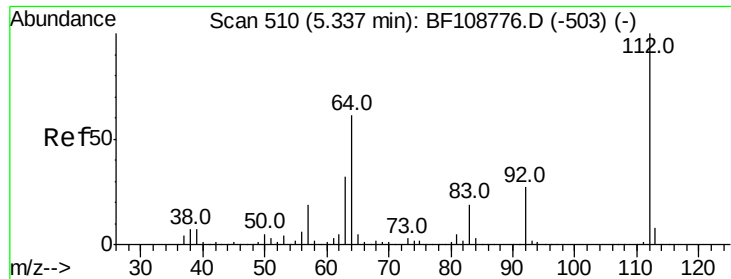
Delta R.T. 0.07 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Tgt Ion:	42	Resp:	229149
Ion Ratio	Lower	Upper	
42	100		
74	137.7	104.9	157.3
44	7.1	6.9	10.3





#5

2-Fluorophenol

Concen: 102.017 ng

RT: 5.36 min Scan# 514

Delta R.T. 0.02 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Instrument :

BNA_F

ClientSampled :

PB112707BS

Tot Ion: 112 Resp: 1074353

Ion Ratio Lower Upper

112 100

64 61.3 47.9 71.9

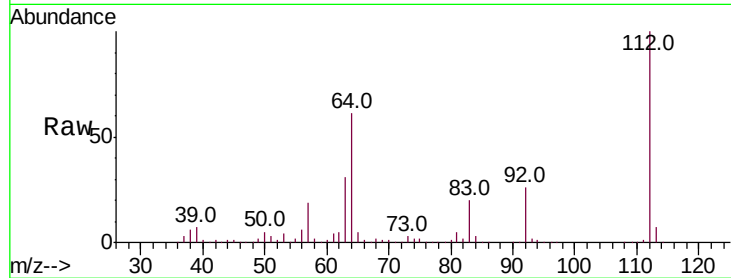
63 31.4 23.7 35.5

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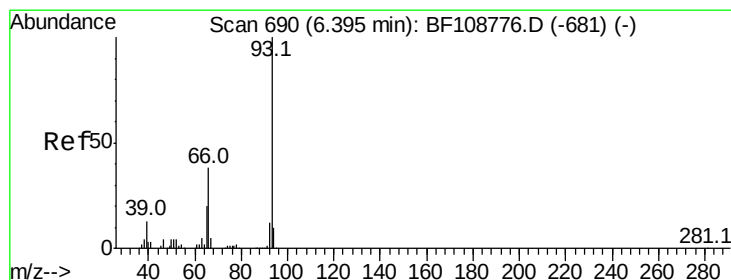
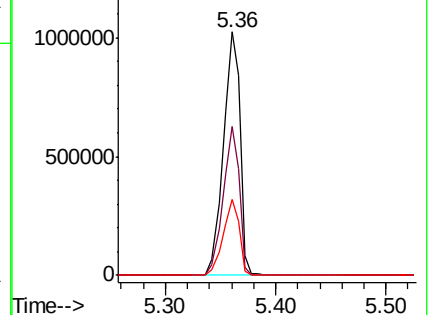
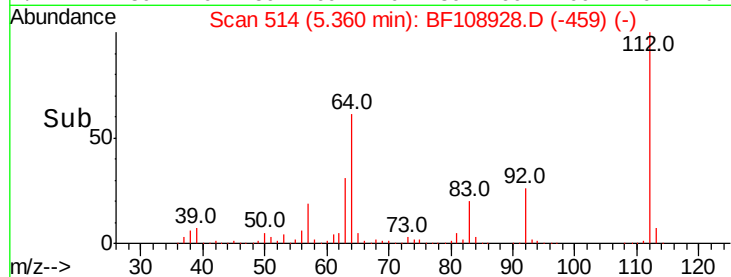
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.555 ng

RT: 6.40 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

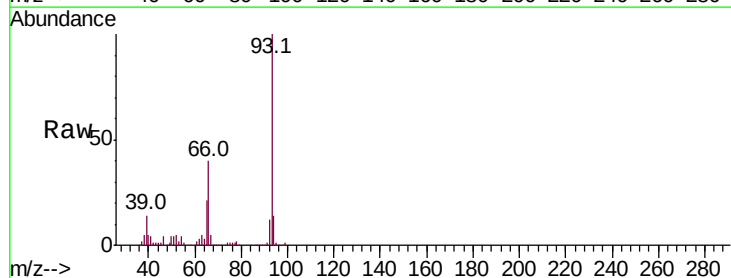
Tgt Ion: 93 Resp: 556847

Ion Ratio Lower Upper

93 100

66 39.6 32.2 48.2

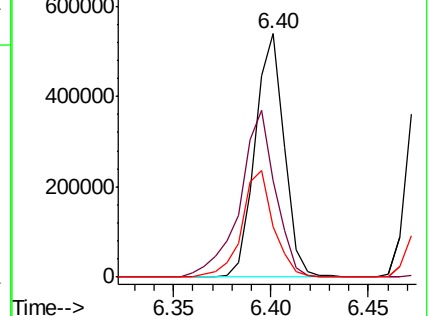
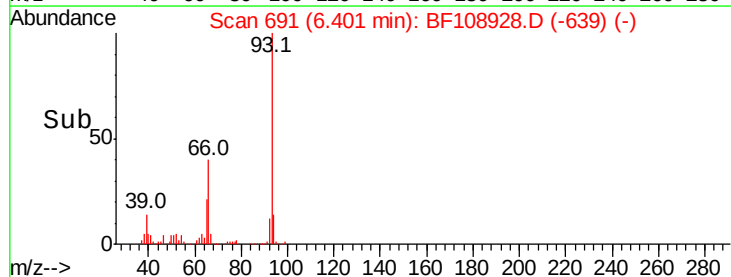
65 20.7 16.4 24.6

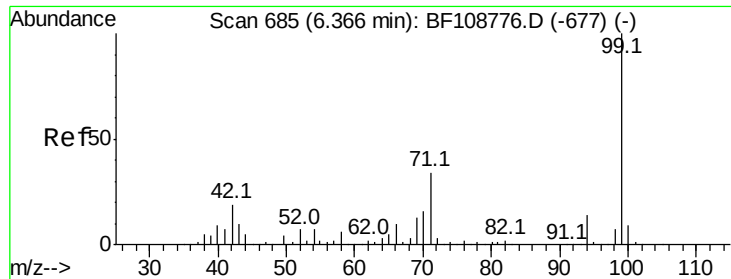


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 101.714 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Instrument :

BNA_F

ClientSampled :

PB112707BS

Tot Ion: 99 Resp: 1378215

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

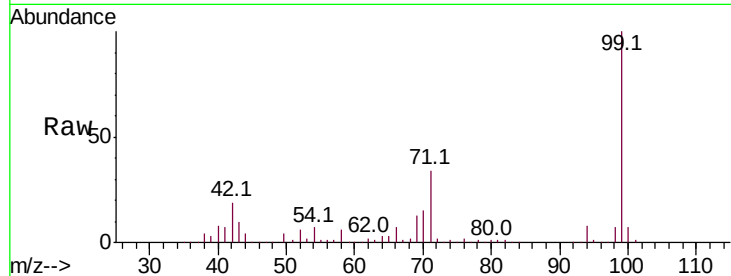
71 34.4 25.4 38.0

Manual Integrations

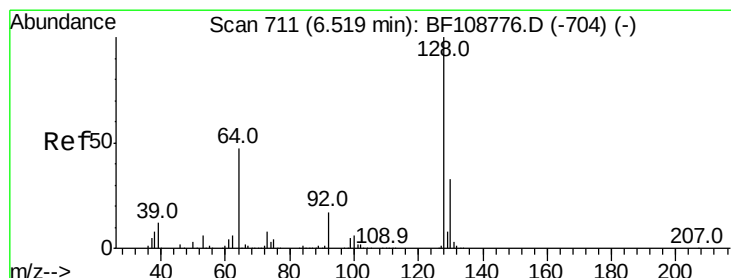
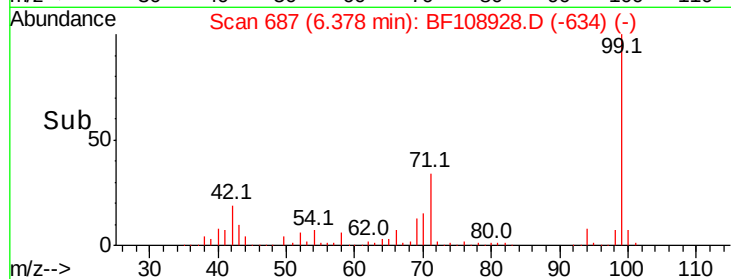
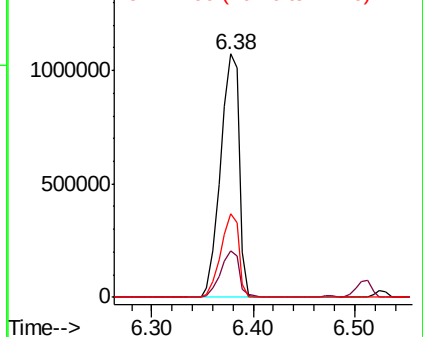
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.521 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

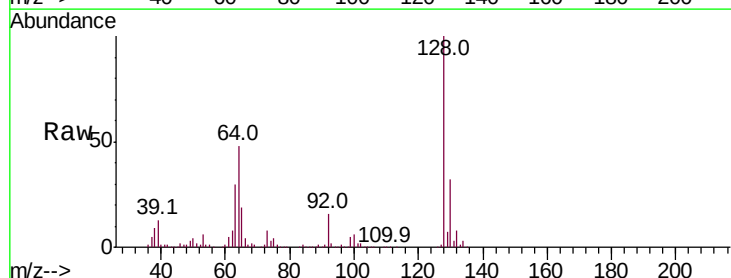
Tgt Ion: 128 Resp: 483994

Ion Ratio Lower Upper

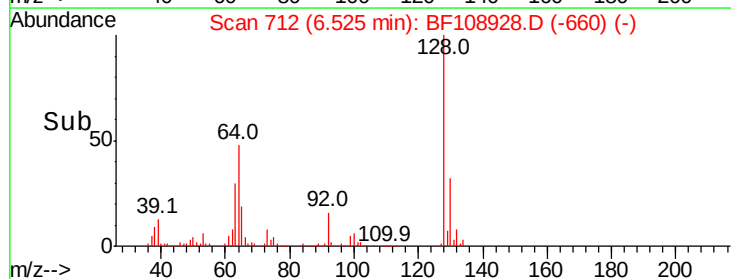
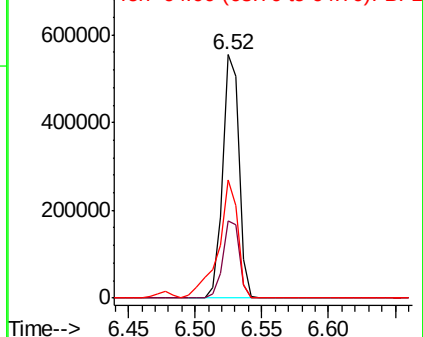
128 100

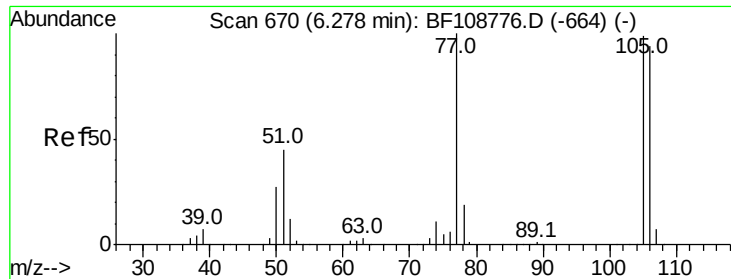
130 31.9 13.0 53.0

64 48.3 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.067 ng

RT: 6.28 min Scan# 671

Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Instrument :

BNA_F

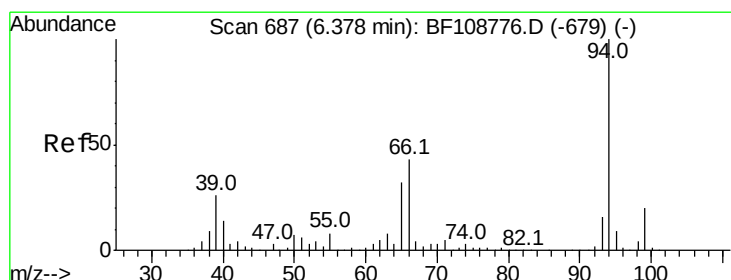
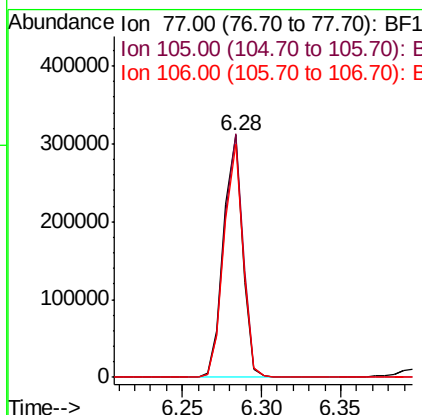
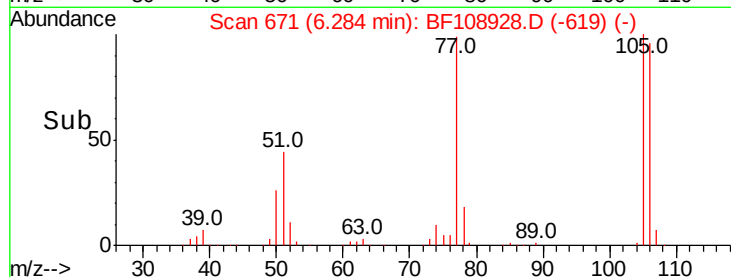
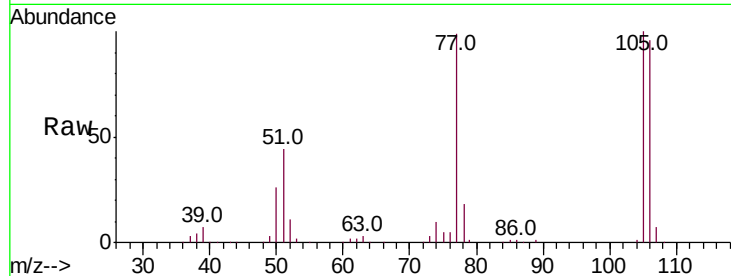
ClientSampleId :

PB112707BS

Tot Ion:	77	Resp:	260183
Ion	Ratio	Lower	Upper
77	100		
105	100.6	81.1	121.1
106	96.5	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 38.092 ng

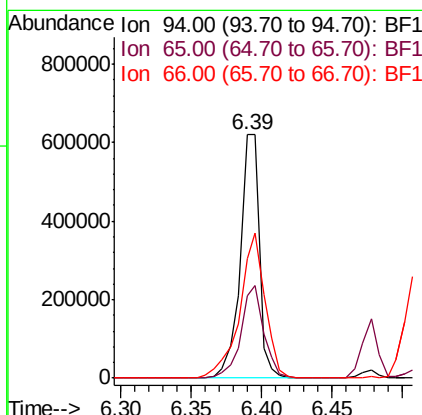
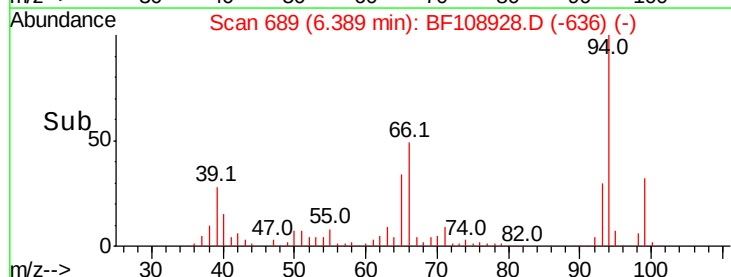
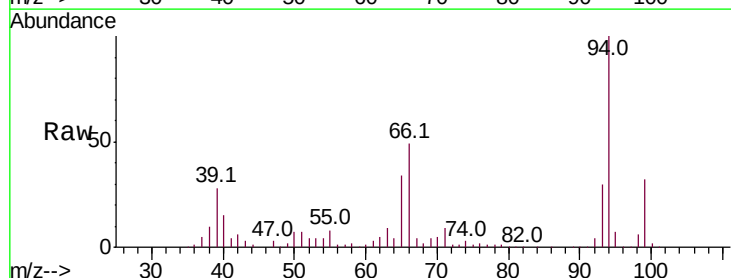
RT: 6.39 min Scan# 689

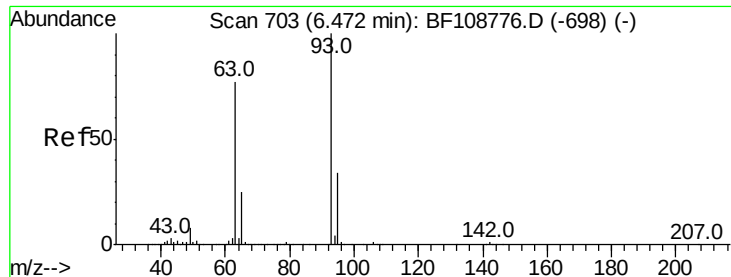
Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Tgt Ion:	94	Resp:	591173
Ion	Ratio	Lower	Upper
94	100		
65	34.0	7.9	47.9
66	49.1	16.2	56.2





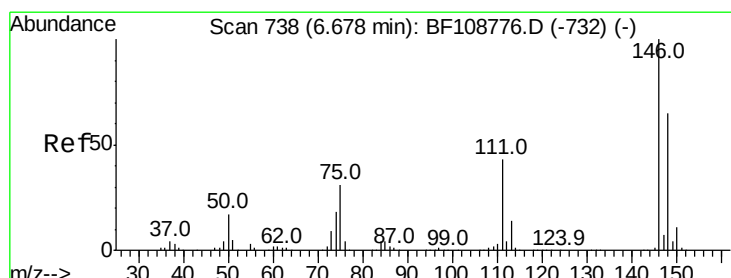
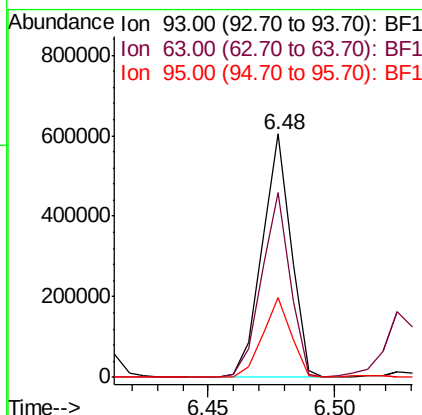
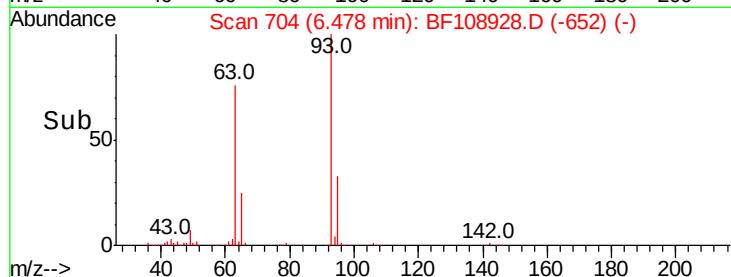
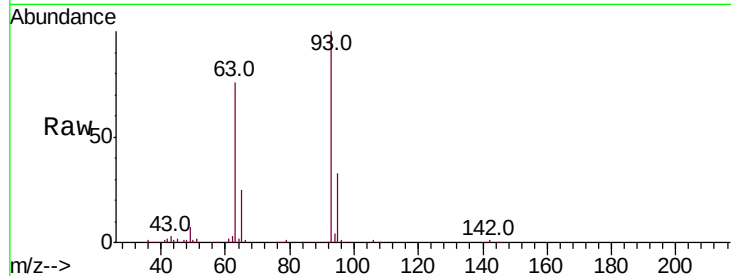
#11
bis(2-Chloroethyl)ether
Concen: 38.366 ng
RT: 6.48 min Scan# 704
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Instrument :
BNA_F
ClientSampleId :
PB112707BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.9	58.6	98.6
95	32.6	11.8	51.8

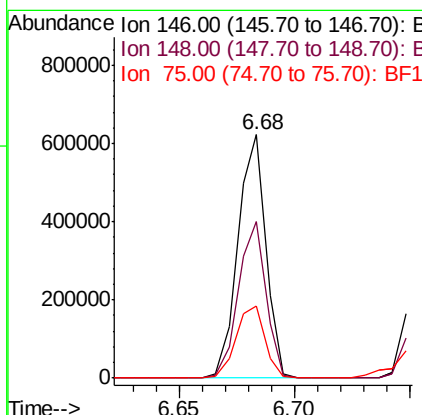
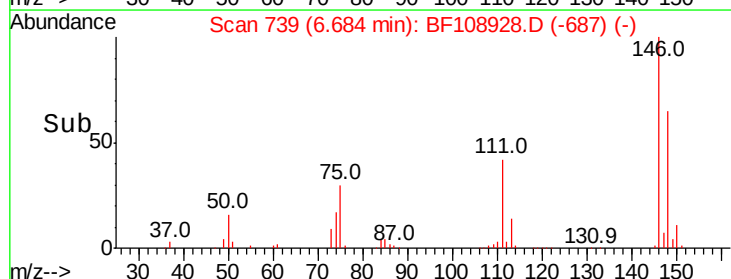
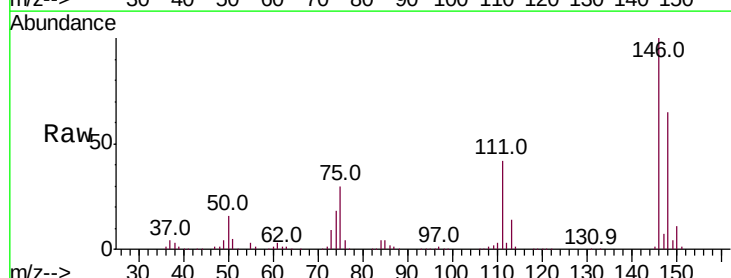
Manual Integrations
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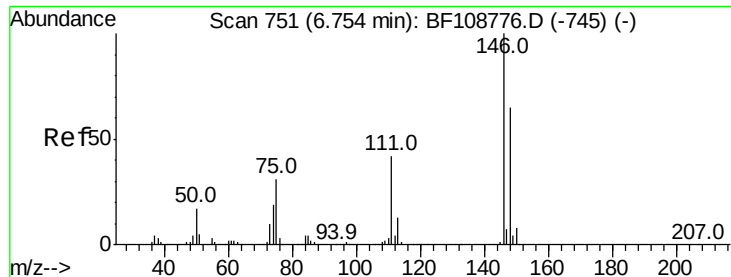
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.483 ng
RT: 6.68 min Scan# 739
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.8
75	29.8	24.2	36.4





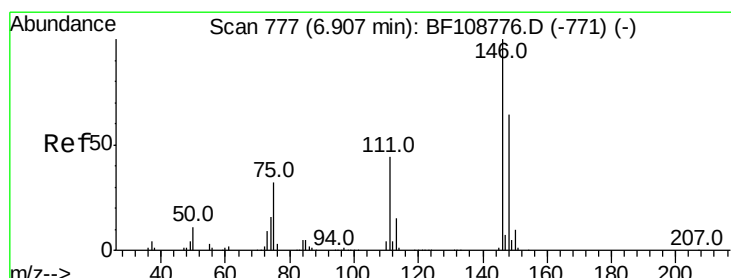
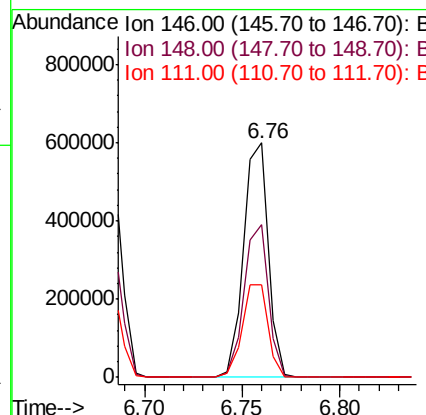
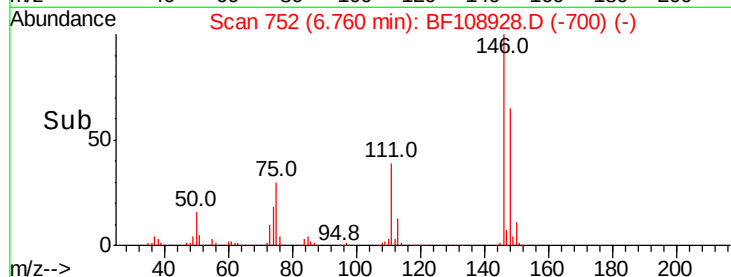
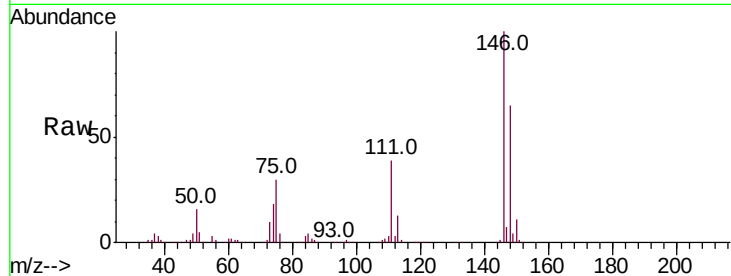
#13
 1,4-Dichlorobenzene
 Concen: 39.585 ng
 RT: 6.76 min Scan# 752
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB112707BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	526579		
148	65.4		50.8	76.2
111	39.5		34.2	51.2

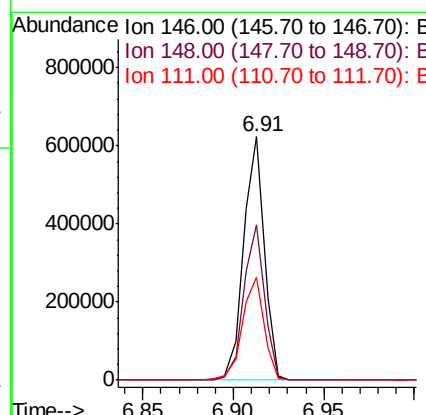
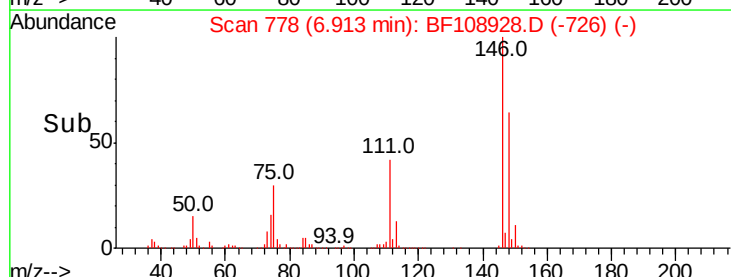
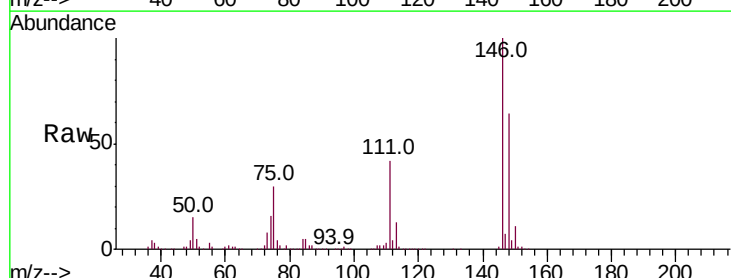
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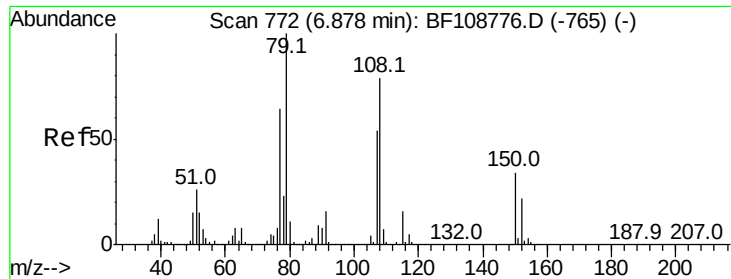
Sohil
 9/12/2018 9:11:41 AM



#14
 1,2-Dichlorobenzene
 Concen: 40.315 ng
 RT: 6.91 min Scan# 778
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	494315		
148	64.0		50.6	75.8
111	42.0		36.0	54.0





#15

Benzyl Alcohol

Concen: 40.627 ng

RT: 6.88 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Instrument :

BNA_F

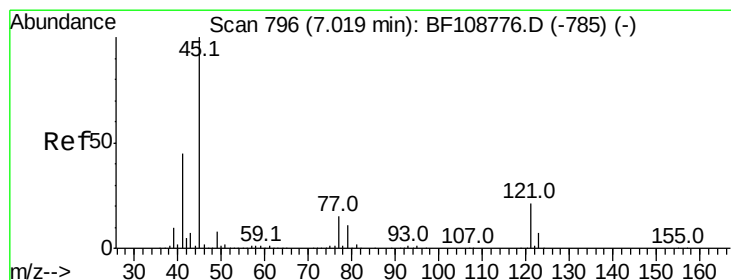
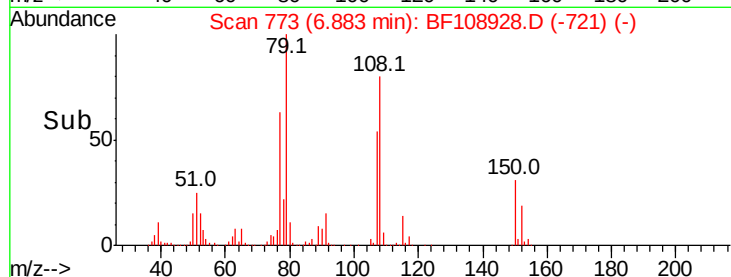
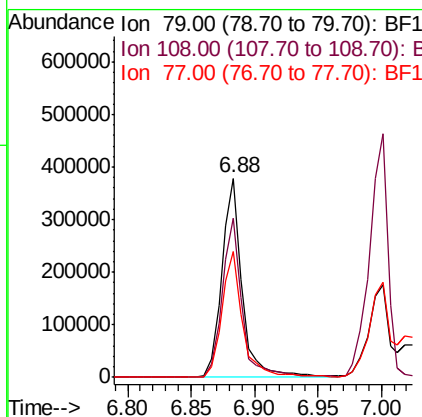
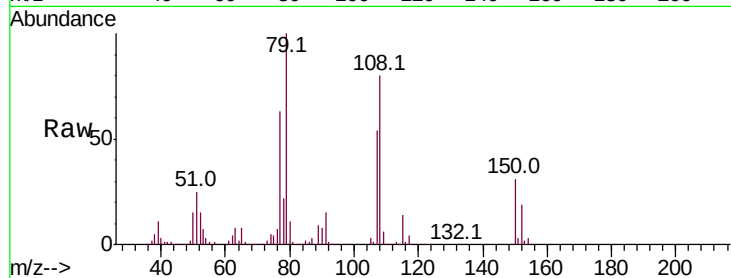
ClientSampleId :

PB112707BS

Tot Ion:	79	Resp:	422469
Ion Ratio	Lower	Upper	
79	100		
108	80.1	65.1	97.7
77	63.0	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.506 ng

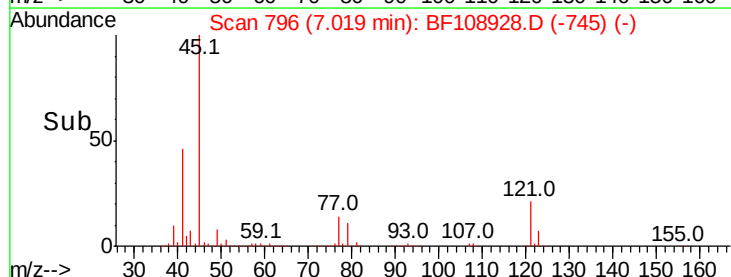
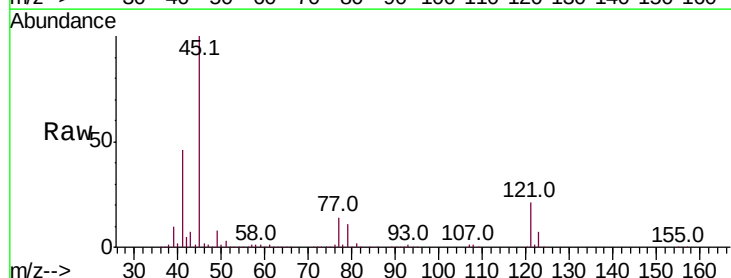
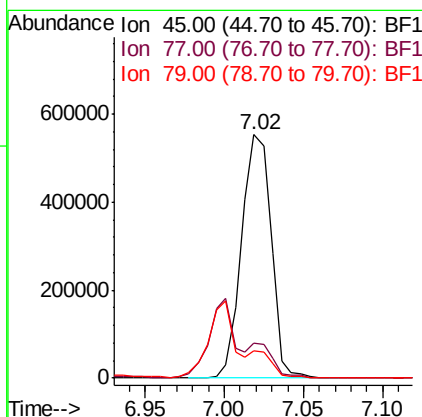
RT: 7.02 min Scan# 796

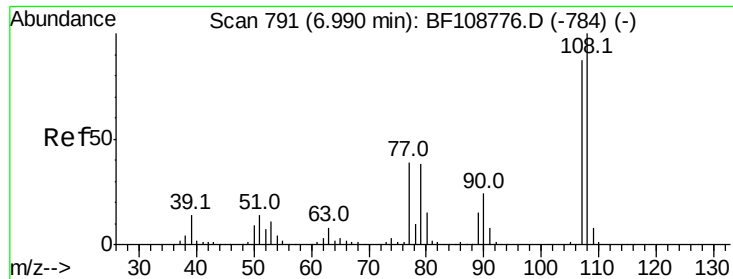
Delta R.T. -0.00 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Tgt Ion:	45	Resp:	715600
Ion Ratio	Lower	Upper	
45	100		
77	14.4	0.0	32.9
79	11.3	0.0	29.6





#17

2-Methylphenol

Concen: 40.710 ng

RT: 7.00 min Scan# 793

Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Instrument :

BNA_F

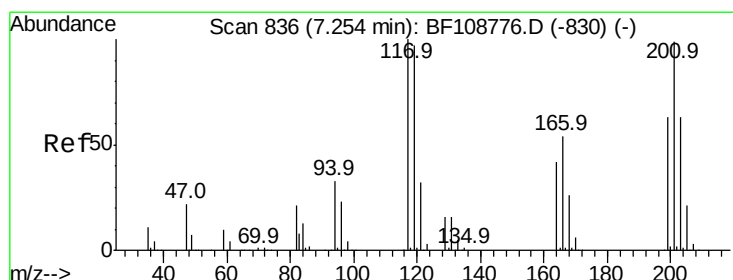
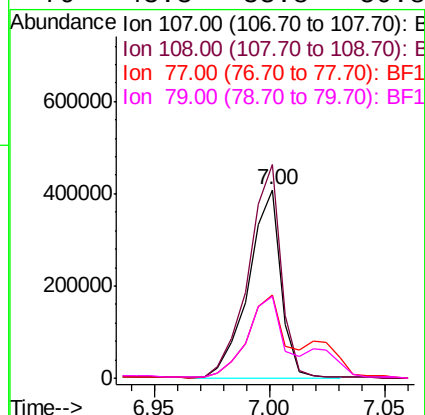
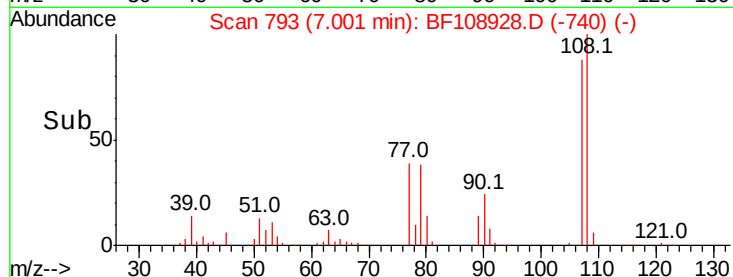
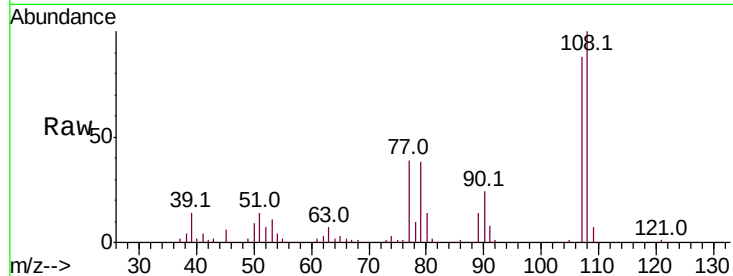
ClientSampled :

PB112707BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.4	91.7	137.5	
77	44.4	33.8	50.8	
79	43.3	33.8	50.8	

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#18

Hexachloroethane

Concen: 40.856 ng

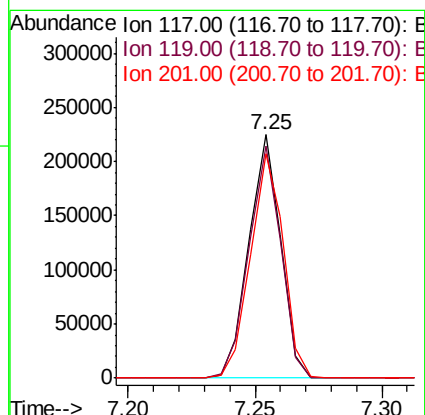
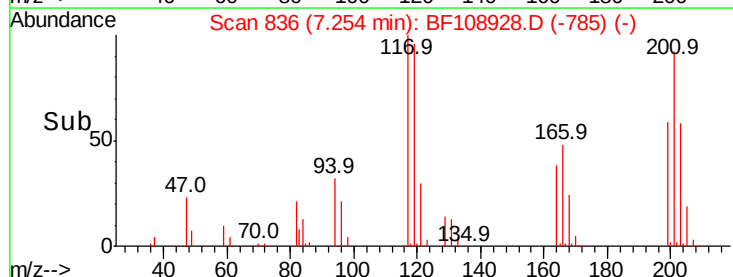
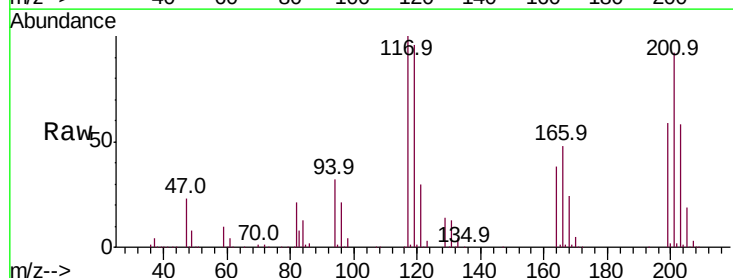
RT: 7.25 min Scan# 836

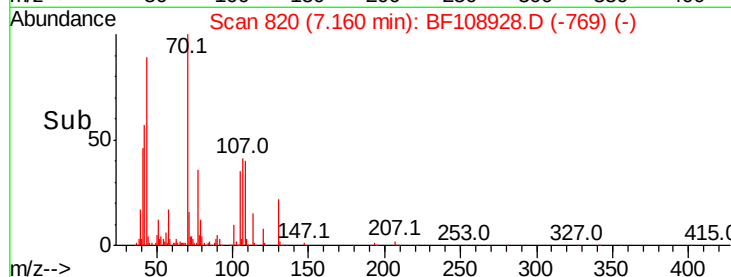
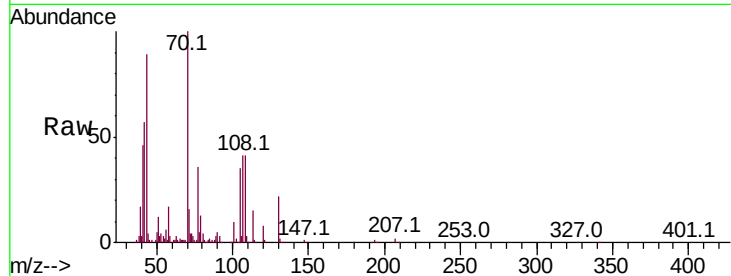
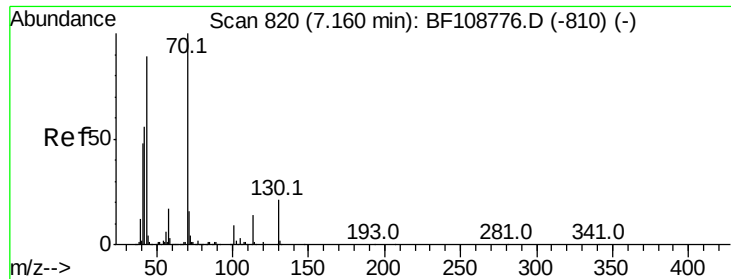
Delta R.T. -0.00 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	75.8	113.8	
201	92.0	75.7	113.5	





#19

n-Nitroso-di-n-propylamine

Concen: 36.061 ng

RT: 7.16 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF108928.D

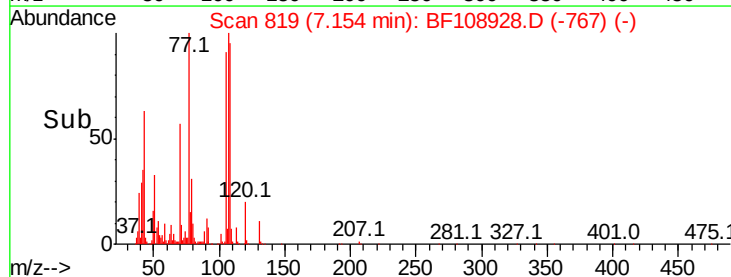
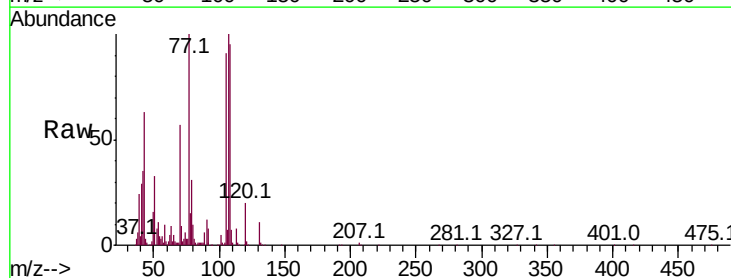
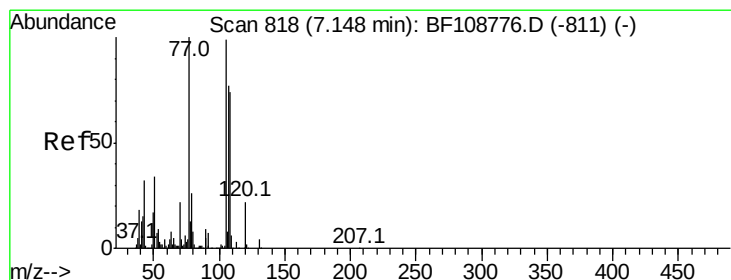
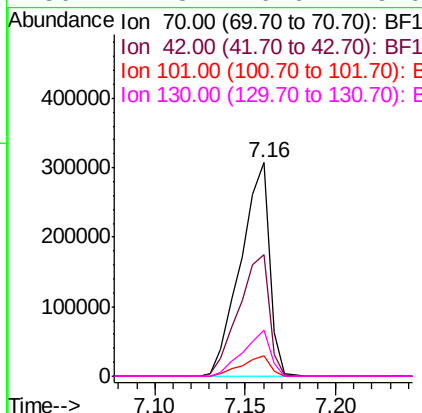
Acq: 11 Sep 2018 12:02

Instrument :
BNA_F
ClientSampleId :
PB112707BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	57.1	47.5	71.3		
101	9.8	7.4	11.2		
130	21.8	16.6	25.0		

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#20

3+4-Methylphenols

Concen: 39.892 ng

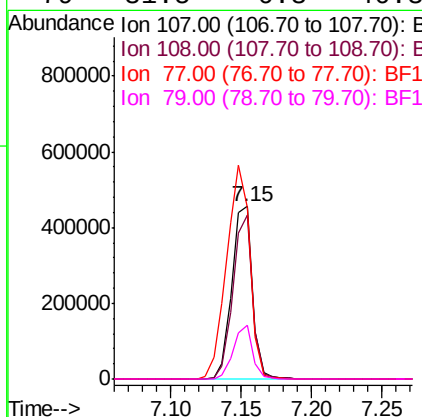
RT: 7.15 min Scan# 819

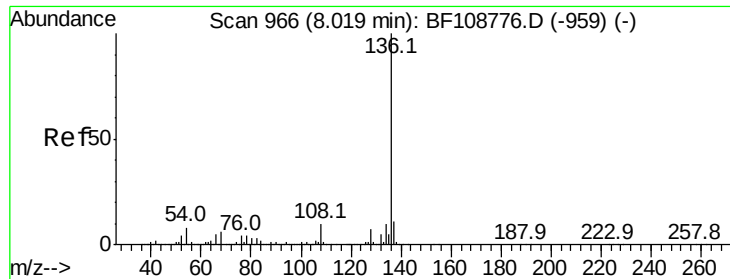
Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	95.3	68.2	108.2		
77	99.7	26.7	66.7#		
79	31.5	6.3	46.3		





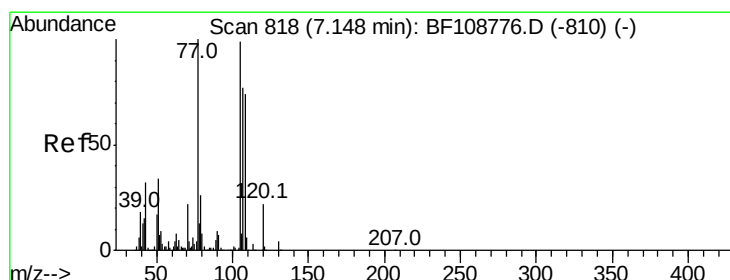
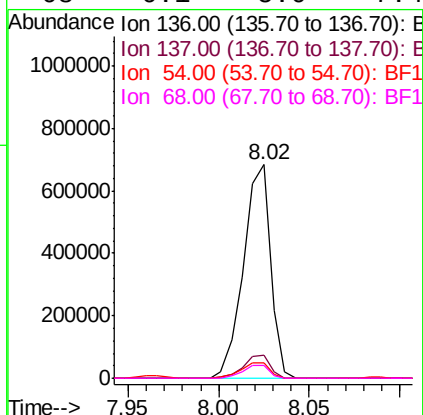
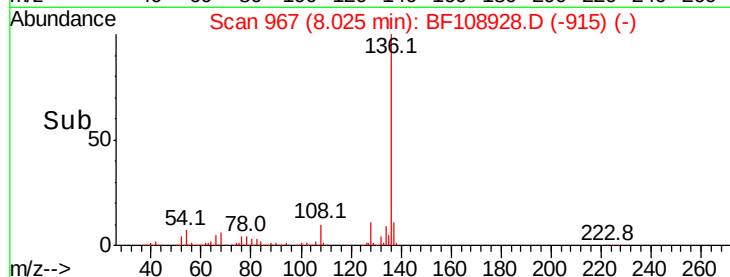
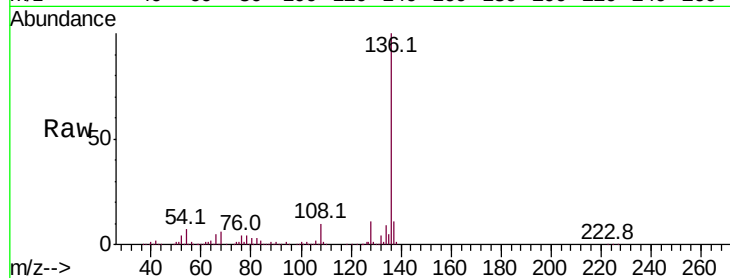
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 967
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Instrument :
BNA_F
ClientSampleId :
PB112707BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	711970		
137	10.9		8.9	13.3
54	7.0		6.6	9.8
68	6.1		5.0	7.4

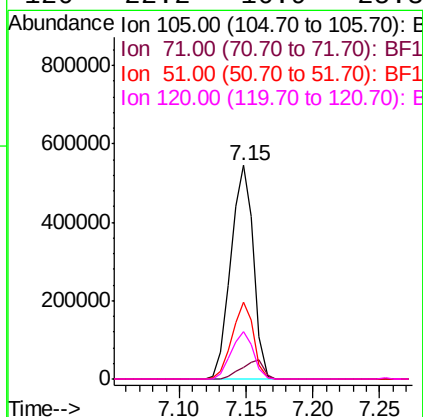
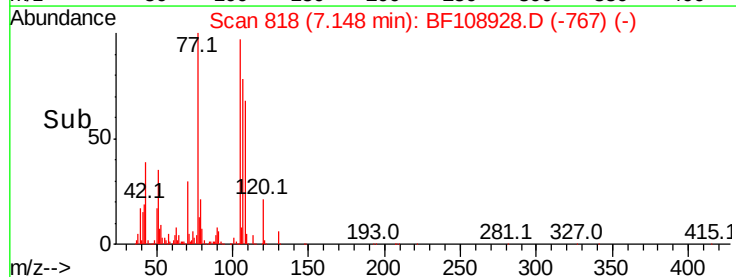
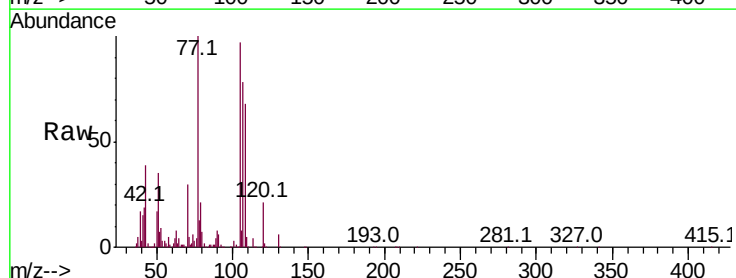
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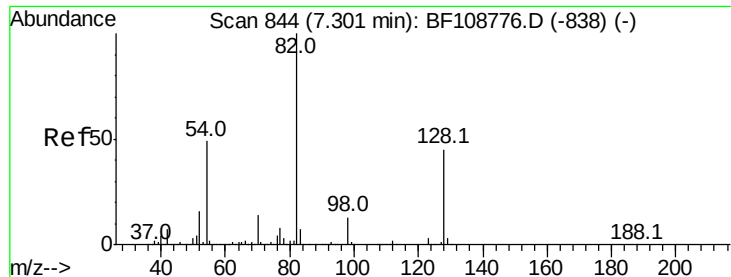
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#22
Acetophenone
Concen: 40.072 ng
RT: 7.15 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	647494		
71	5.4		4.4	6.6
51	36.0		22.3	33.5#
120	22.2		16.9	25.3





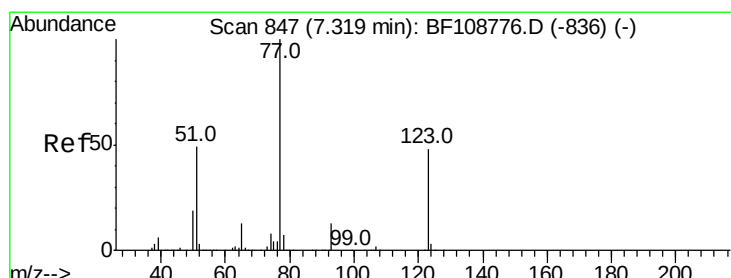
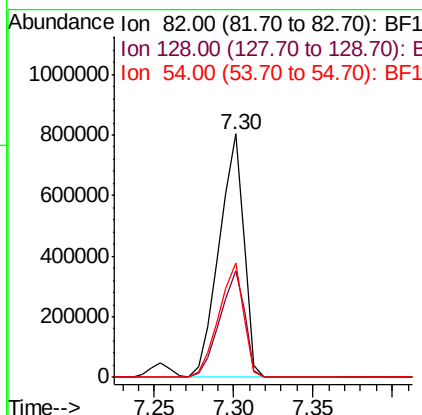
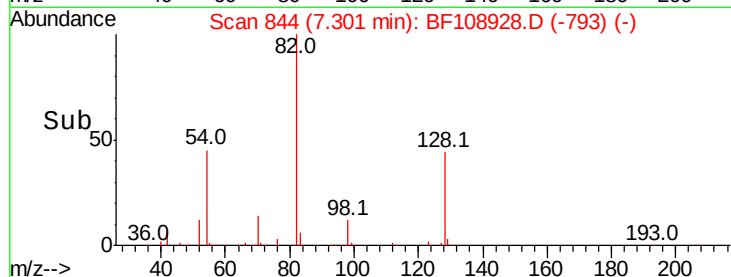
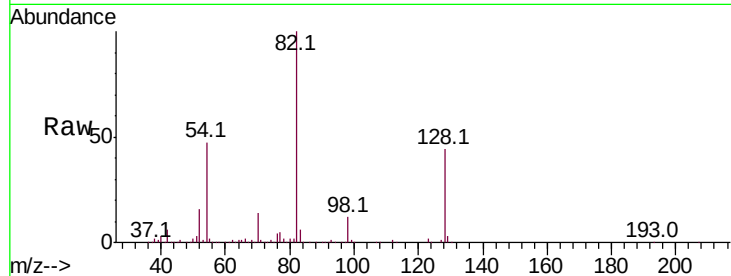
#23
Nitrobenzene-d5
Concen: 76.395 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Instrument :
BNA_F
ClientSampled :
PB112707BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.1	54.1
54	47.1	41.4	62.2

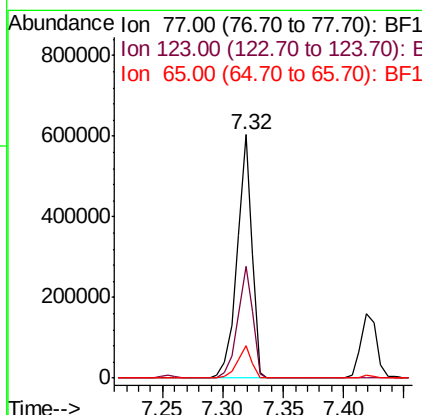
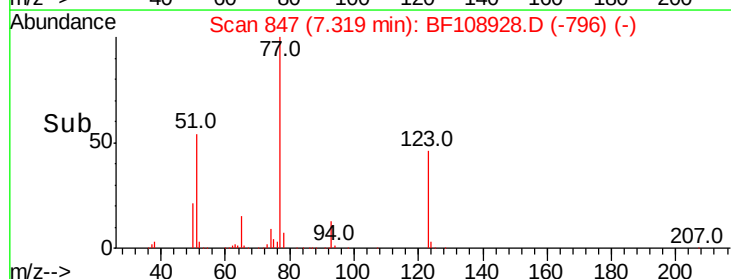
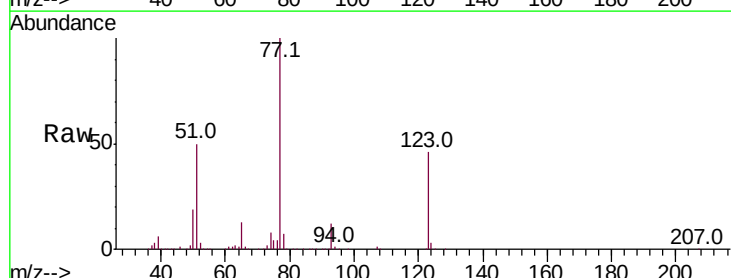
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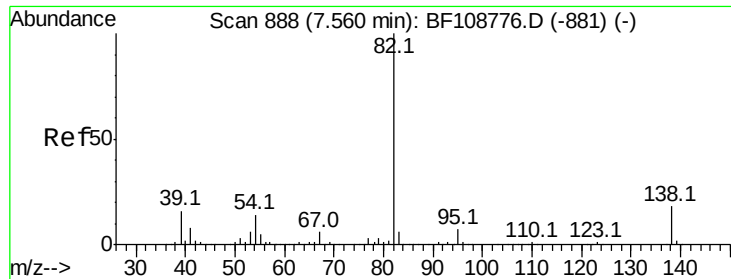
Sohil
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#24
Nitrobenzene
Concen: 42.291 ng
RT: 7.32 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.8	37.9	56.9
65	13.4	11.0	16.4





#25

Isophorone

Concen: 42.427 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Instrument :

BNA_F

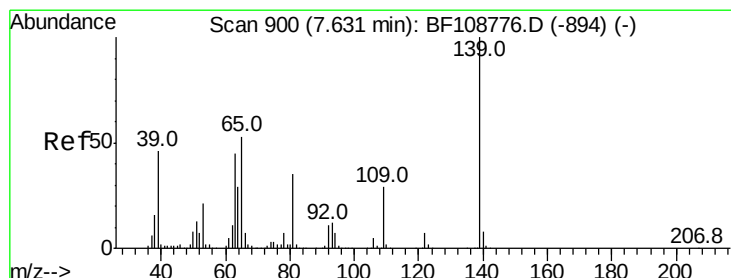
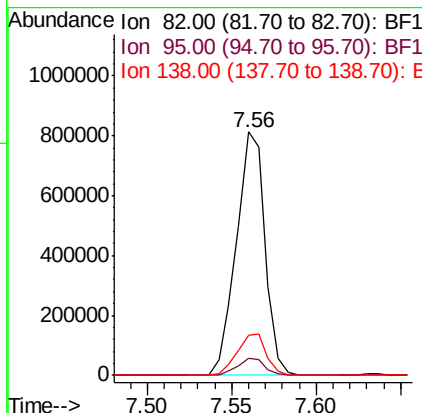
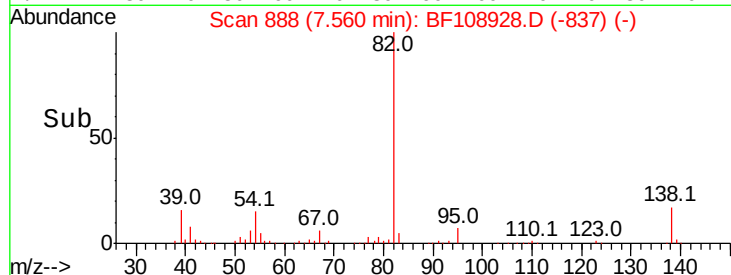
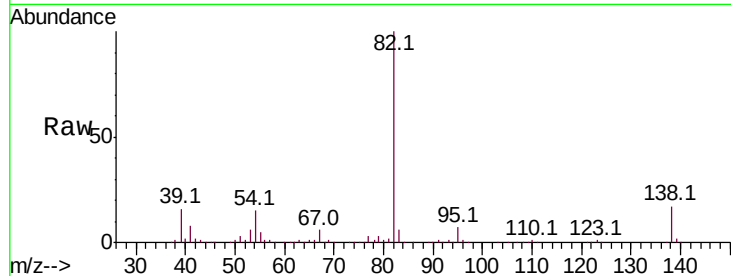
ClientSampleId :

PB112707BS

Tot Ion:	82	Resp:	962799
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.2	7.8
138	16.6	14.9	22.3

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#26

2-Nitrophenol

Concen: 50.165 ng

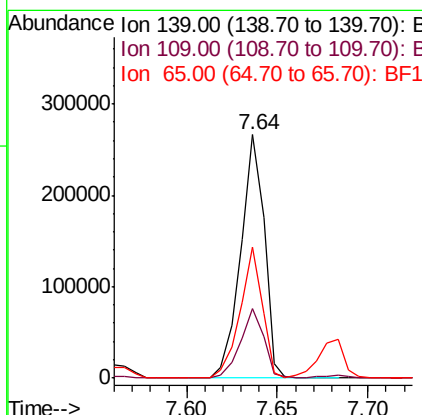
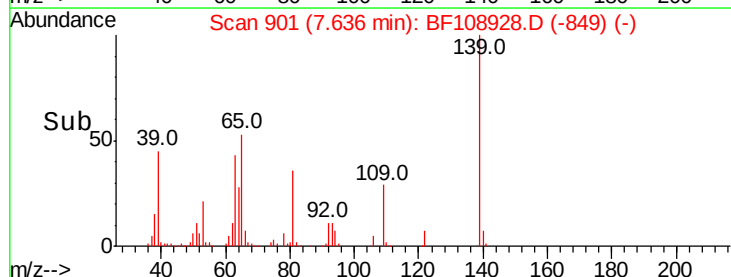
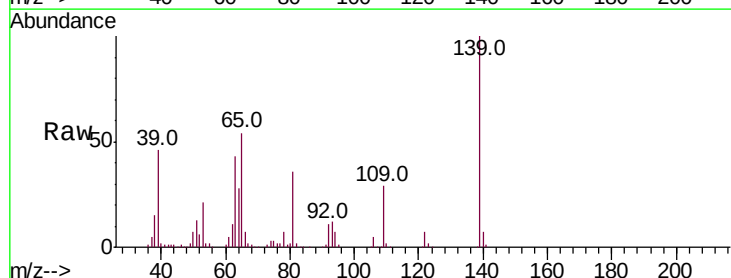
RT: 7.64 min Scan# 901

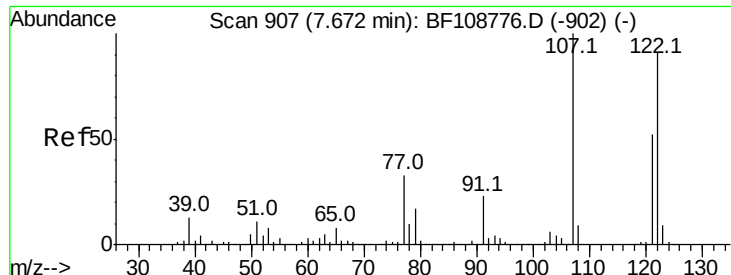
Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Tgt Ion:	139	Resp:	241251
Ion Ratio	Lower	Upper	
139	100		
109	28.7	22.7	34.1
65	53.9	40.5	60.7





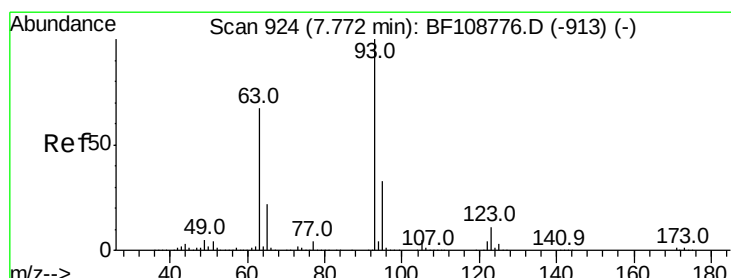
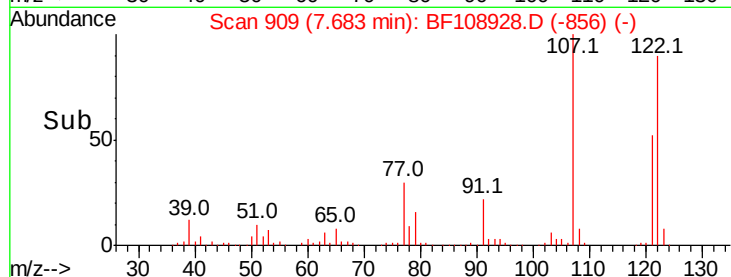
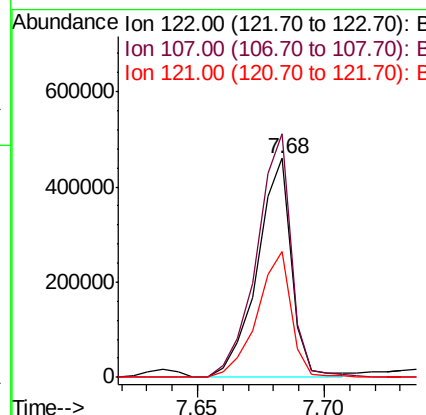
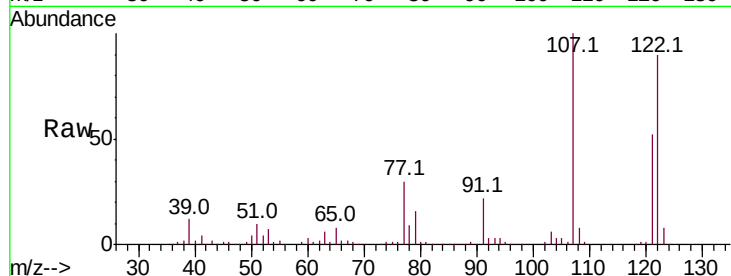
#27
2,4-Dimethylphenol
Concen: 44.637 ng
RT: 7.68 min Scan# 909
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Instrument :
BNA_F
ClientSampleId :
PB112707BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	435921		
107	111.2	91.2	136.8	
121	57.7	47.2	70.8	

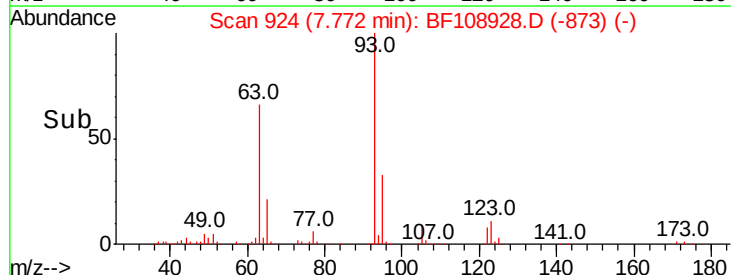
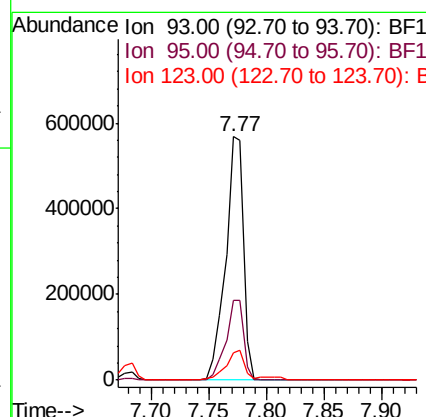
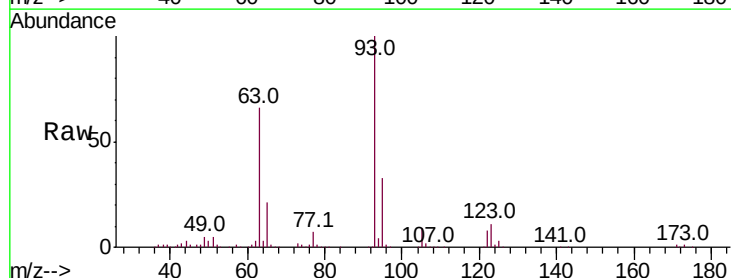
Manual Integrations
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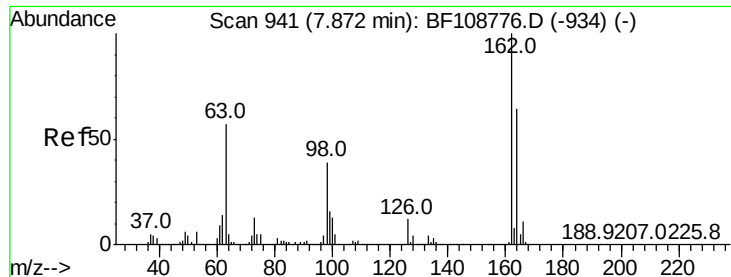
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 40.202 ng
RT: 7.77 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	609954		
95	32.6	26.3	39.5	
123	11.0	9.8	14.6	





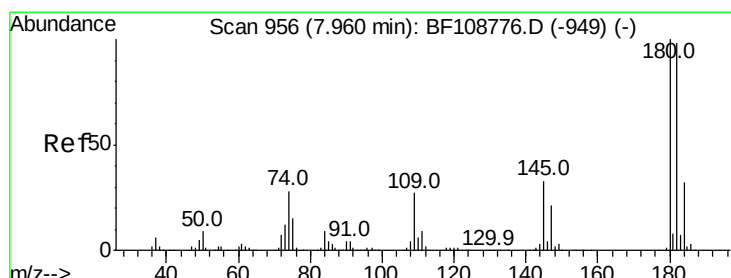
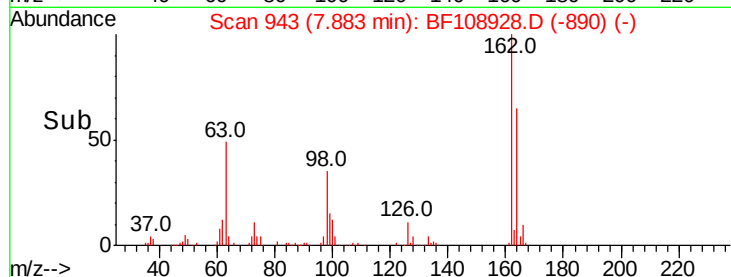
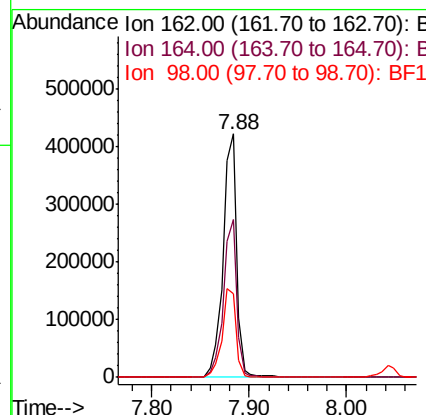
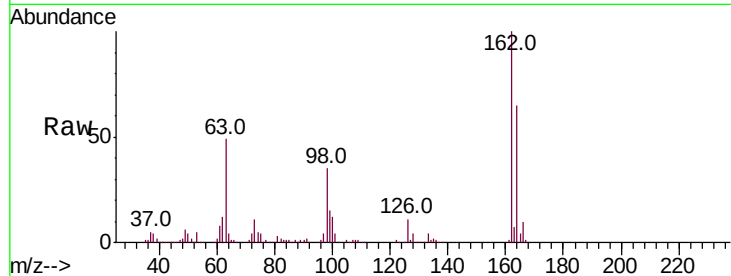
#29
 2,4-Dichlorophenol
 Concen: 40.764 ng
 RT: 7.88 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB112707BS

Tot Ion:	162	Resp:	410497
Ion Ratio	Lower	Upper	
162	100		
164	64.7	42.7	82.7
98	34.6	18.1	58.1

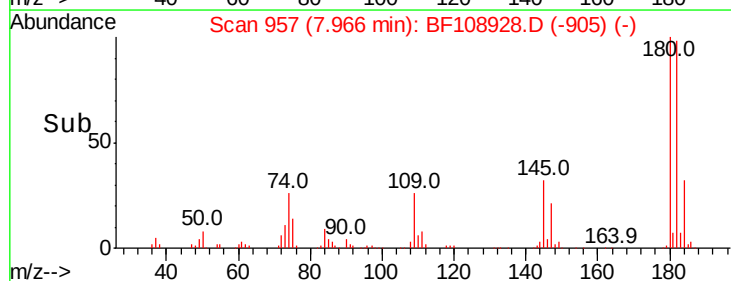
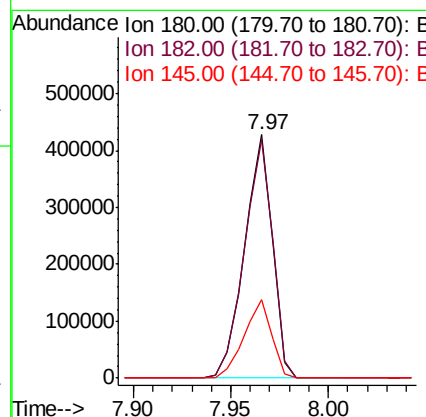
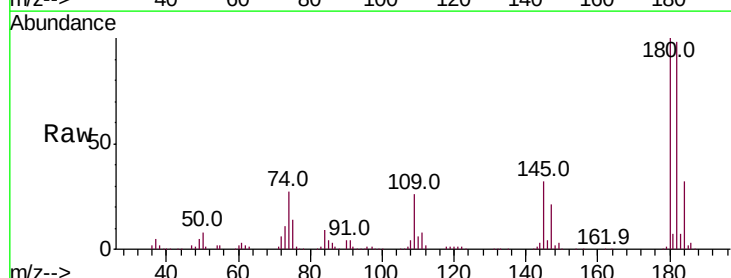
Manual Integrations
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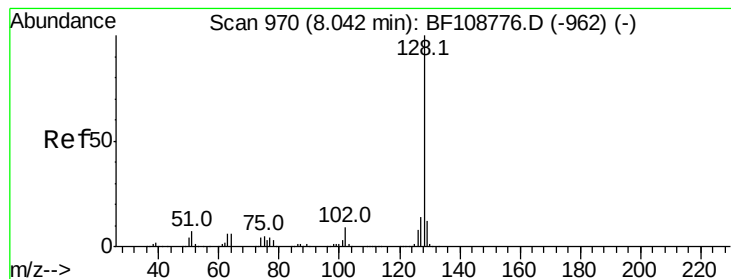
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.749 ng
 RT: 7.97 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Tgt Ion:	180	Resp:	422880
Ion Ratio	Lower	Upper	
180	100		
182	97.7	76.8	115.2
145	32.1	26.5	39.7





#31

Naphthalene

Concen: 42.827 ng

RT: 8.04 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Instrument :

BNA_F

ClientSampleId :

PB112707BS

Tot Ion:128 Resp: 1371826

Ion Ratio Lower Upper

128 100

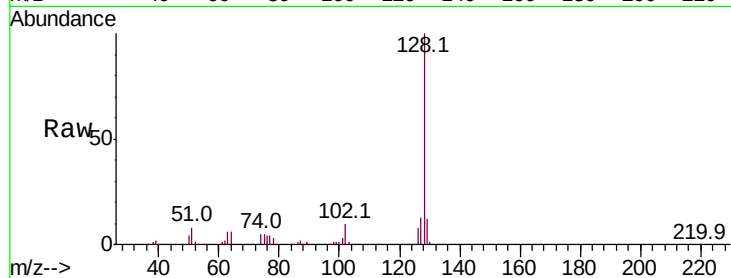
129 11.7 8.8 13.2

127 13.4 10.9 16.3

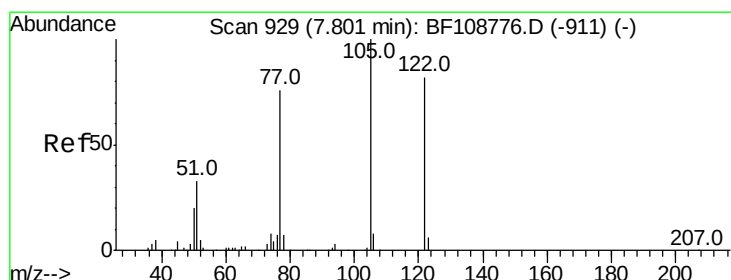
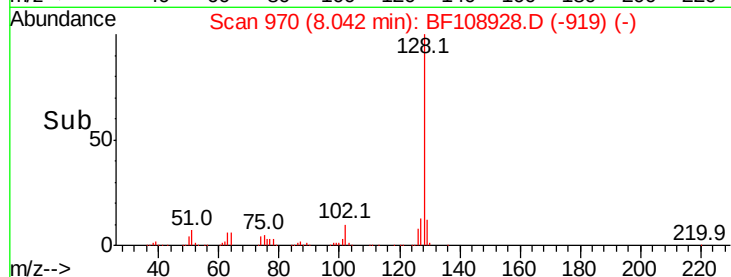
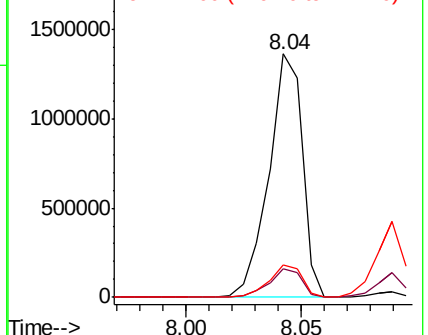
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.890 ng

RT: 7.81 min Scan# 931

Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

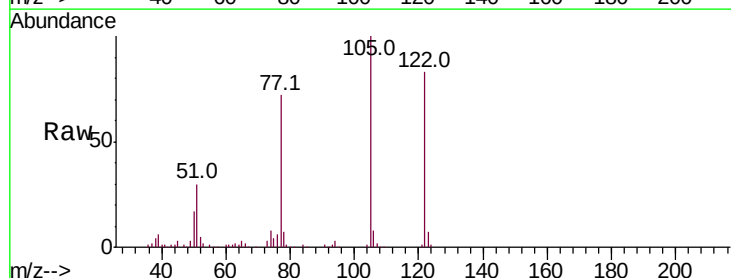
Tgt Ion:122 Resp: 283304

Ion Ratio Lower Upper

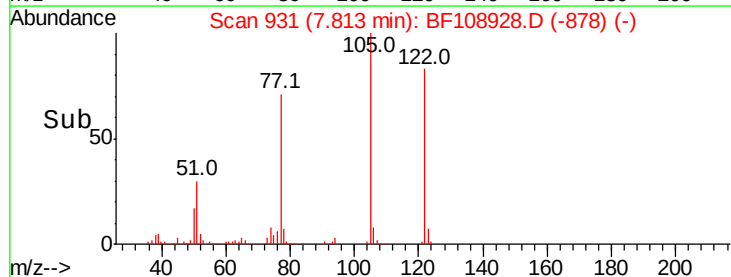
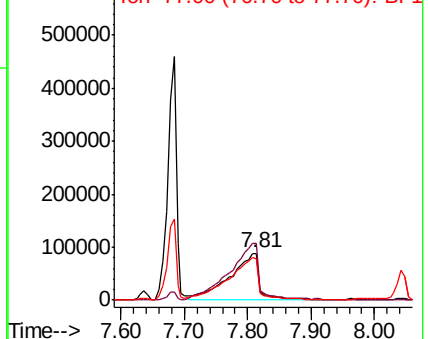
122 100

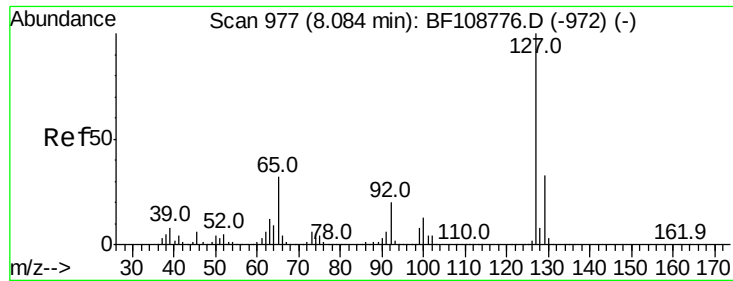
105 121.1 101.1 141.1

77 86.7 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





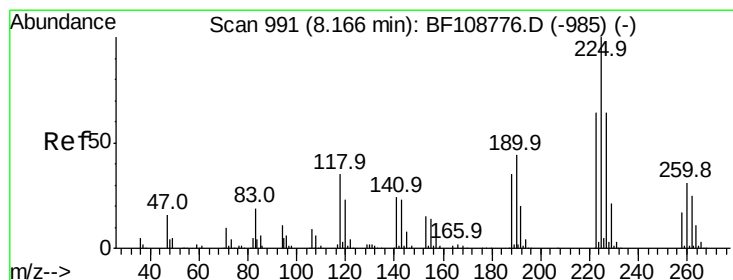
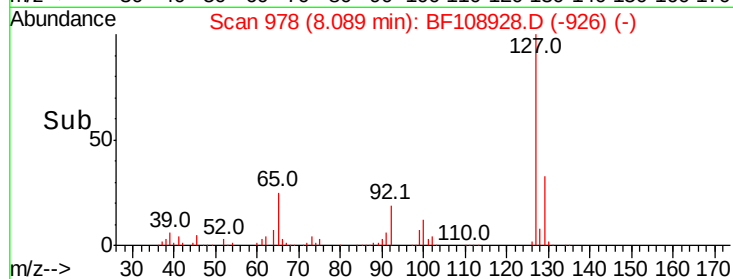
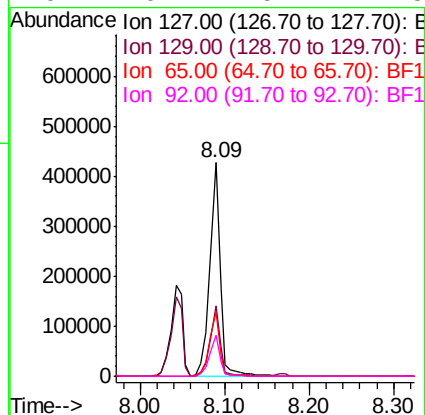
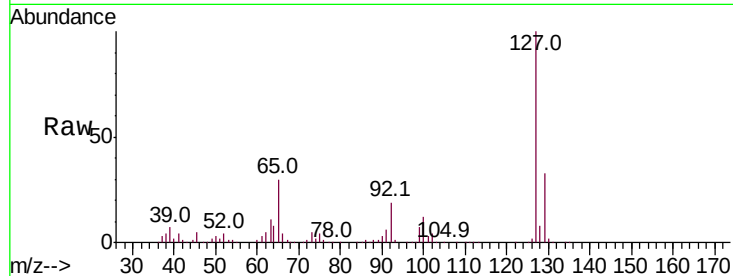
#33
4-Chloroaniline
Concen: 25.285 ng
RT: 8.09 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Instrument :
BNA_F
ClientSampleId :
PB112707BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.9	25.9	38.9	
65	29.7	25.0	37.4	
92	19.1	15.2	22.8	

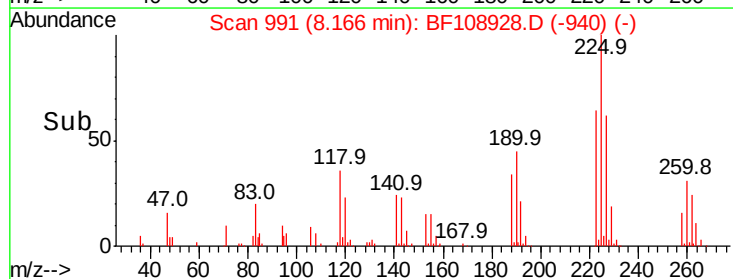
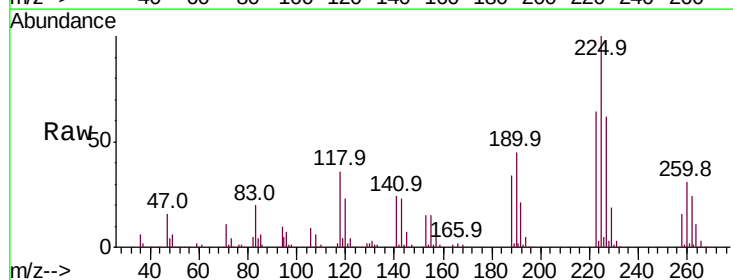
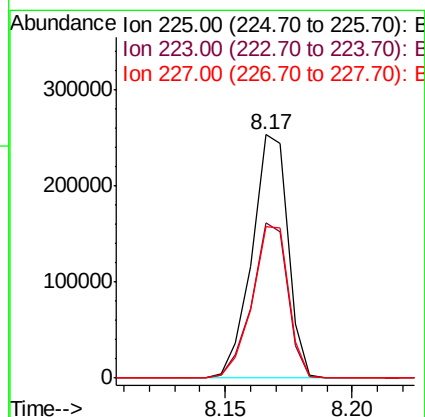
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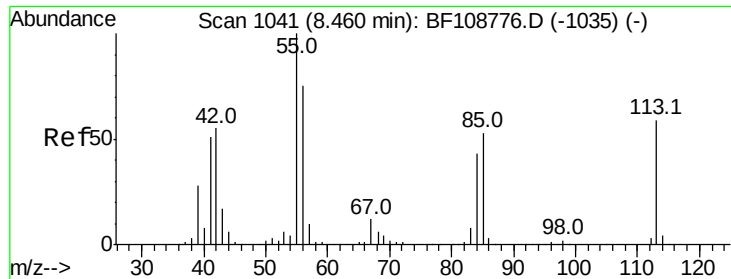
Sohil
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#34
Hexachlorobutadiene
Concen: 38.638 ng
RT: 8.17 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.6	50.6	76.0	
227	62.4	51.9	77.9	





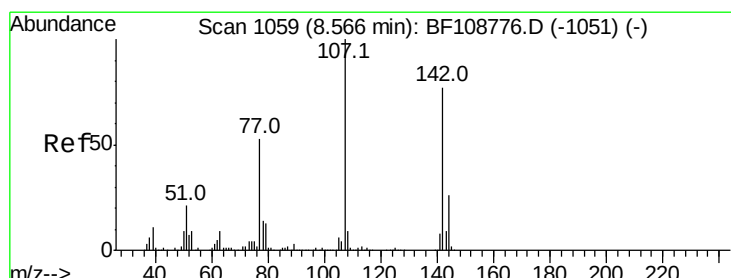
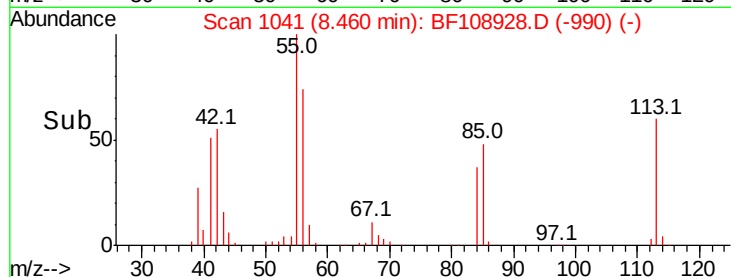
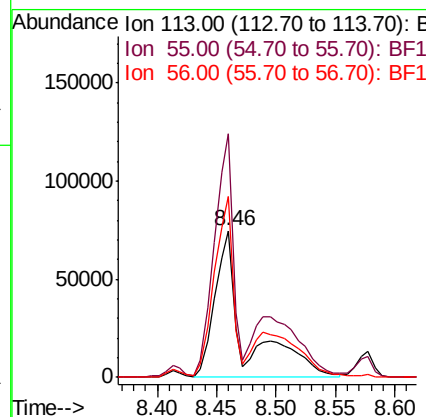
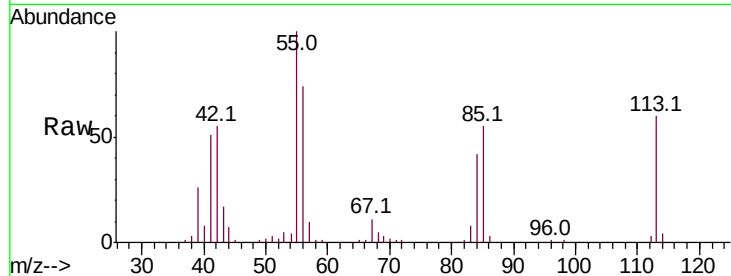
#35
 Caprolactam
 Concen: 38.937 ng/ml
 RT: 8.46 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Instrument :
 BNA_F
 ClientSampleID :
 PB112707BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	165.8	163.3	203.3
56	122.9	115.7	155.7

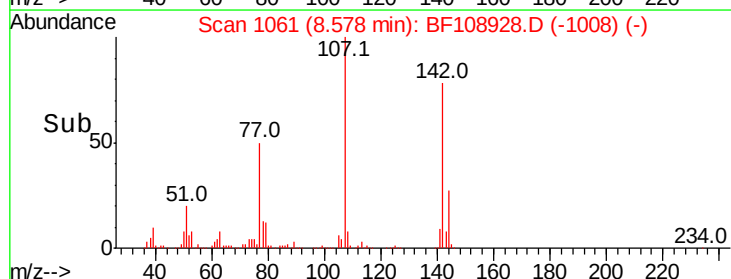
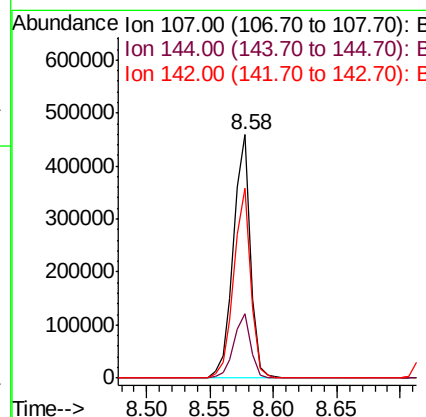
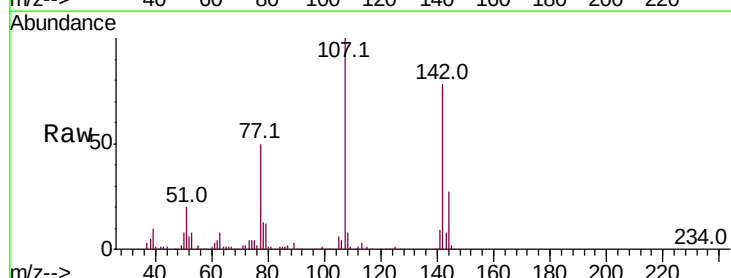
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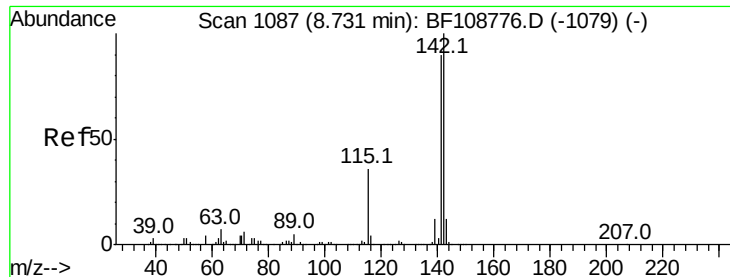
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#36
 4-Chloro-3-methylphenol
 Concen: 39.703 ng/ml
 RT: 8.58 min Scan# 1061
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.6	20.5	30.7
142	78.2	62.0	93.0





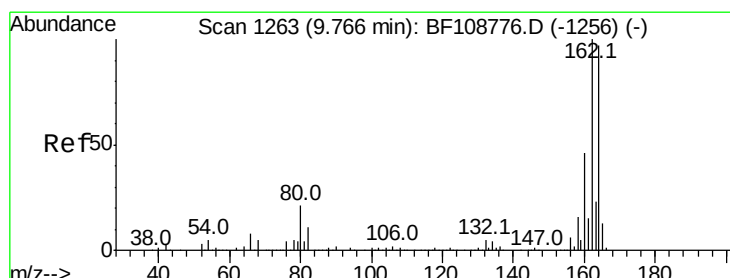
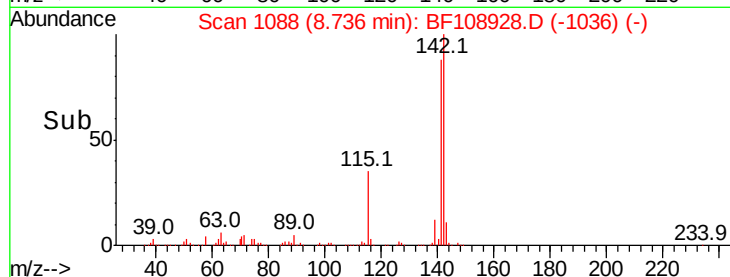
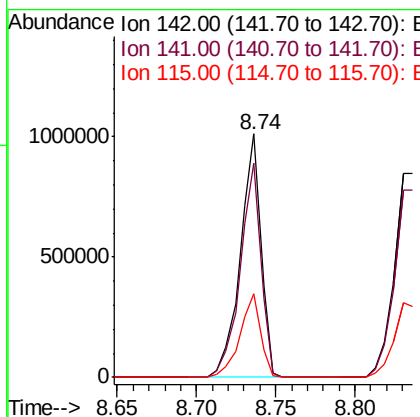
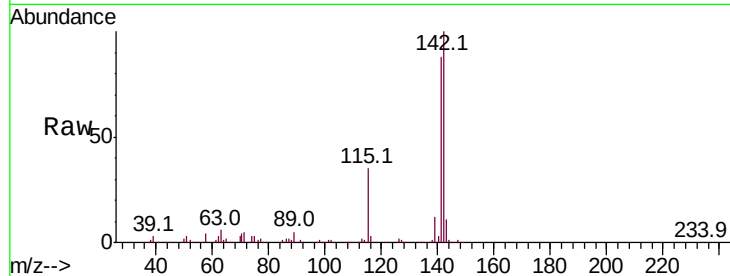
#37
2-Methylnaphthalene
Concen: 43.360 ng
RT: 8.74 min Scan# 1088
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Instrument :
BNA_F
ClientSampleId :
PB112707BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	917568		
141	88.1	70.8	106.2	
115	34.6	26.1	39.1	

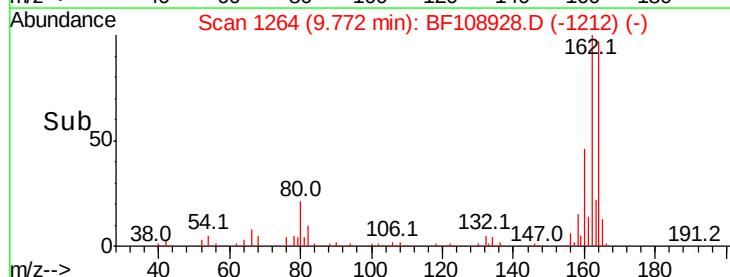
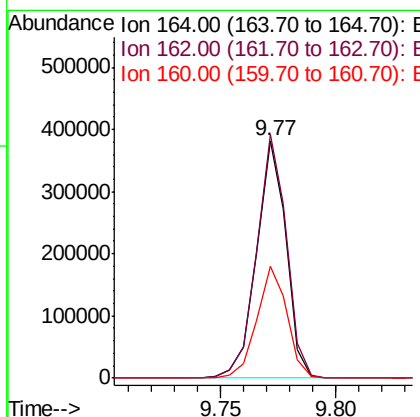
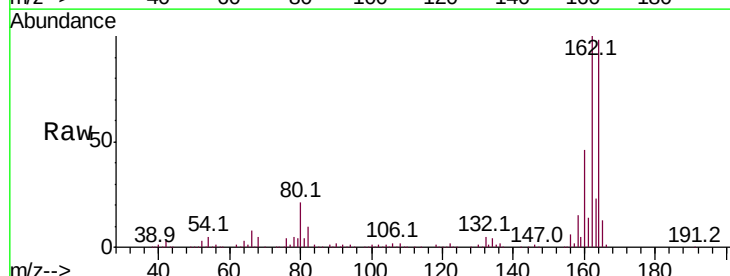
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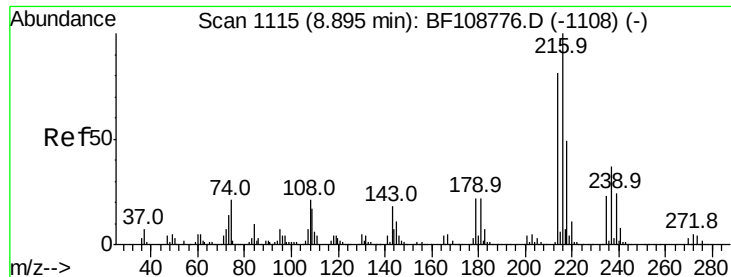
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	340775		
162	102.5	86.1	129.1	
160	46.9	38.3	57.5	





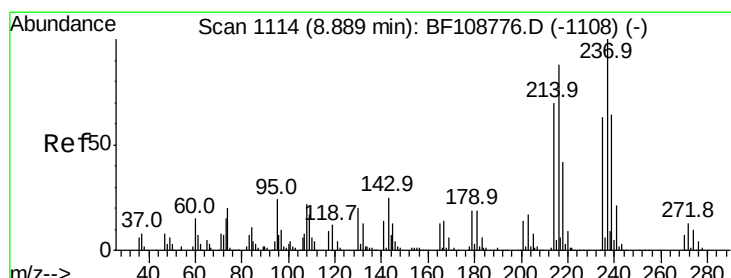
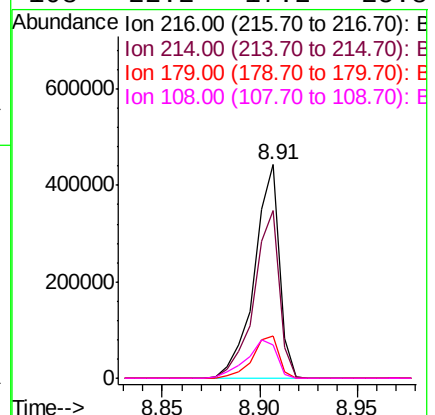
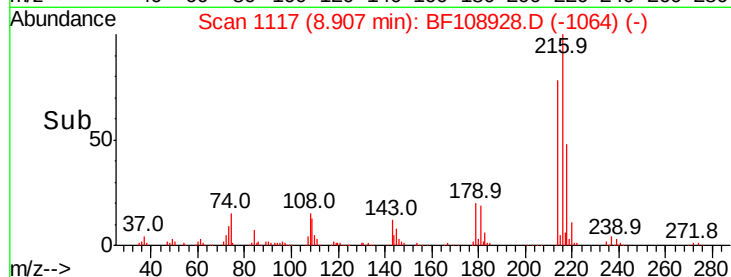
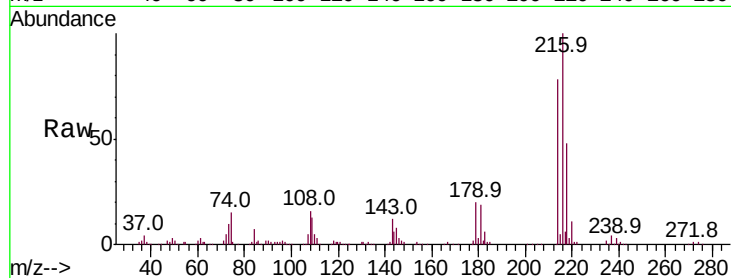
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.571 ng
 RT: 8.91 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB112707BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.2	63.0	94.4
179	20.8	18.1	27.1
108	22.2	17.2	25.8

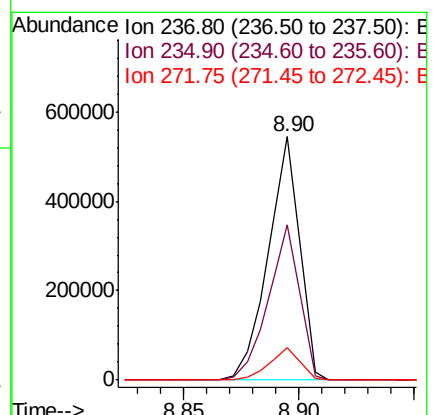
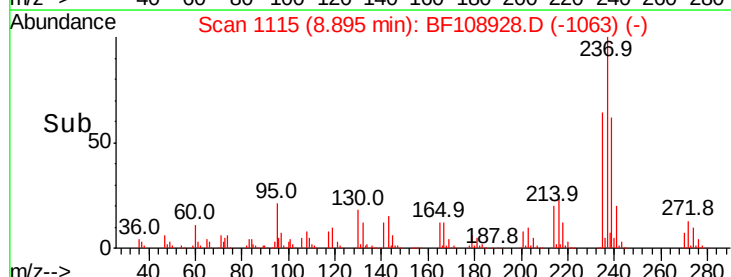
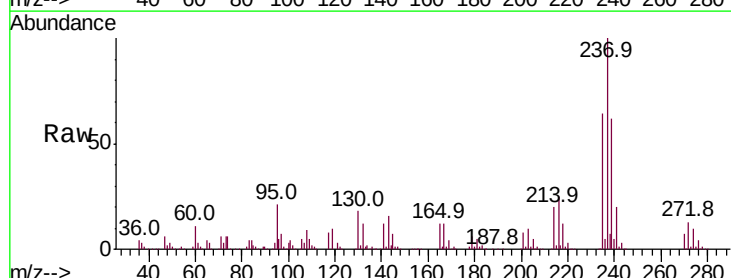
Manual Integrations
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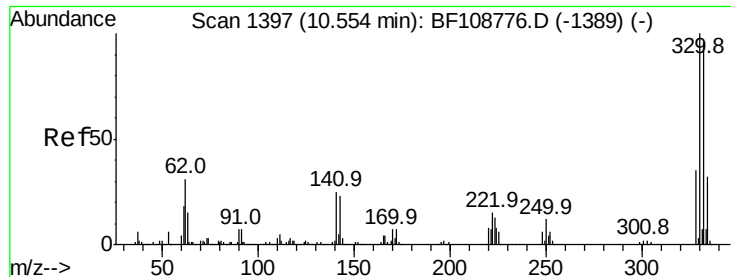
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#40
 Hexachlorocyclopentadiene
 Concen: 100.524 ng
 RT: 8.90 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.8	44.8	84.8
272	13.2	0.0	33.3





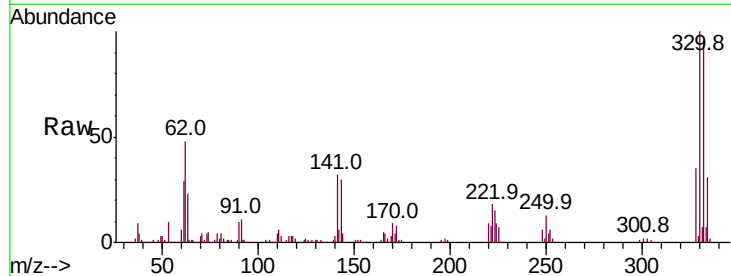
#41
 2,4,6-Tribromophenol
 Concen: 113.512 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Instrument :
 BNA_F
 ClientSampled :
 PB112707BS

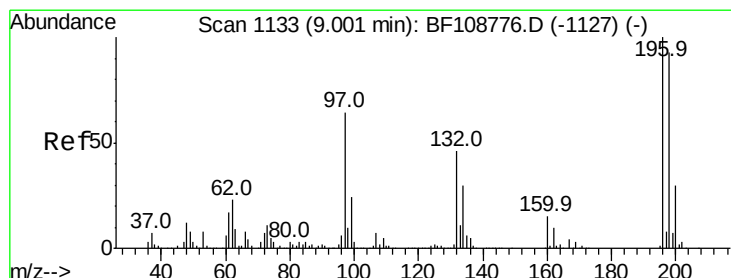
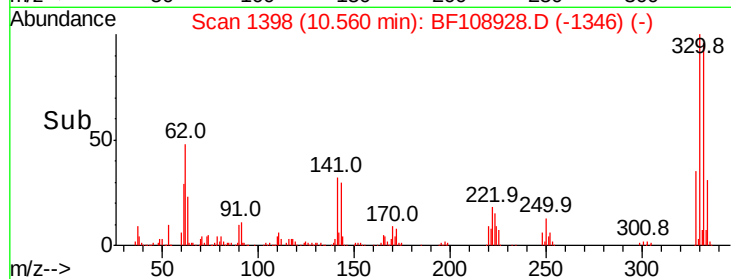
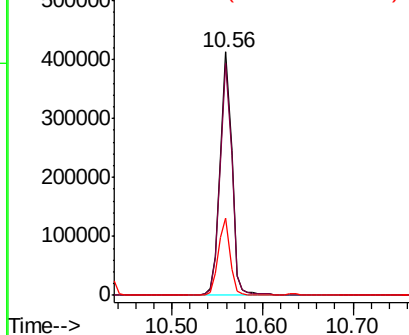
Tot Ion	Ratio	Resp	Lower	Upper
330	100	369278		
332	95.9	77.0	115.6	
141	31.8	29.9	44.9	

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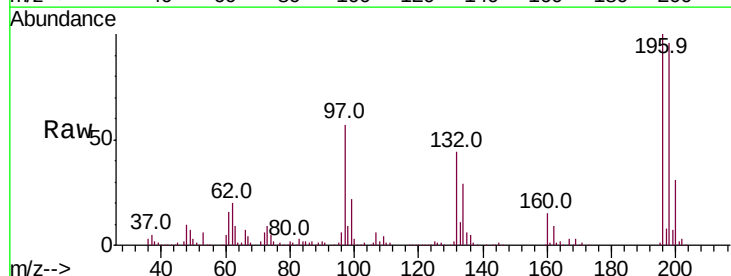


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

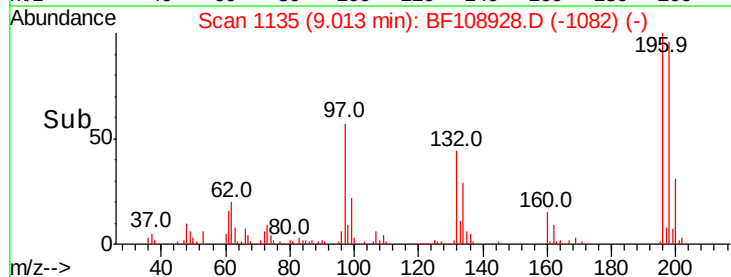
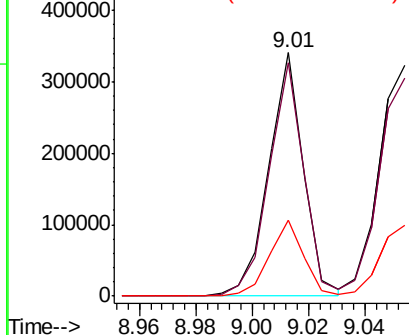


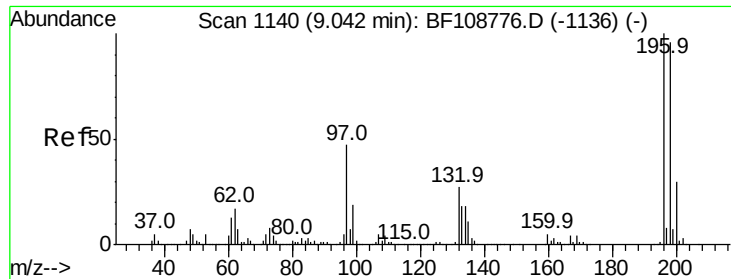
#42
 2,4,6-Trichlorophenol
 Concen: 41.840 ng
 RT: 9.01 min Scan# 1135
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	290305		
198	96.1	75.7	113.5	
200	31.0	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





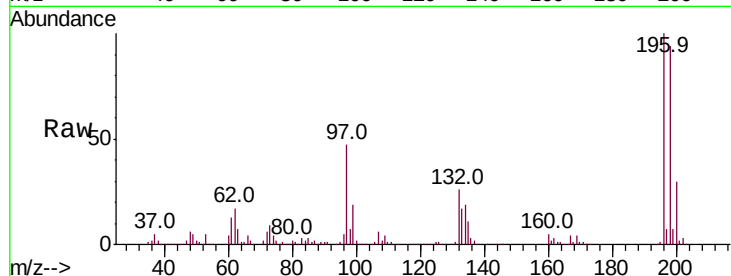
#43
 2,4,5-Trichlorophenol
 Concen: 43.493 ng
 RT: 9.05 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB112707BS

Tot Ion:	196	Resp:	312811
Ion Ratio	Lower	Upper	
196	100		
198	94.5	74.6	112.0
97	47.2	42.9	64.3
132	26.1	26.3	39.5#

Manual Integrations
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Sohil
 9/12/2018 9:11:41 AM



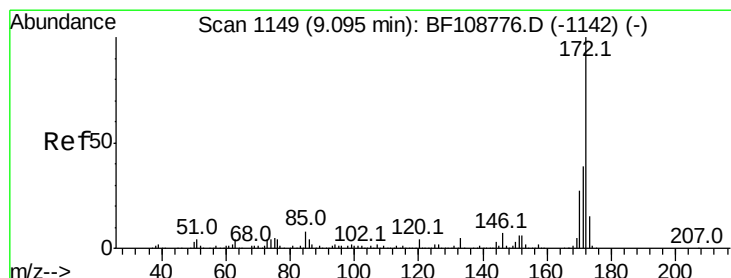
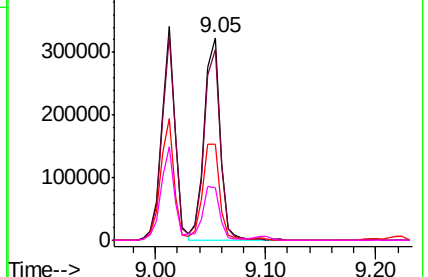
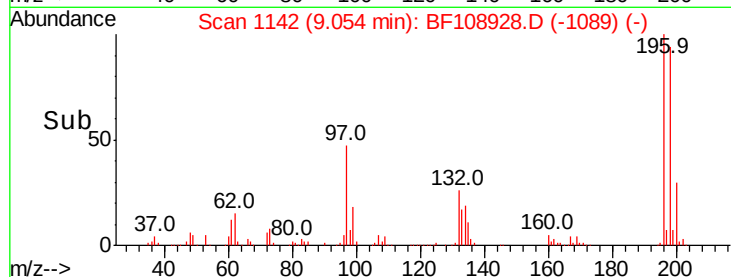
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

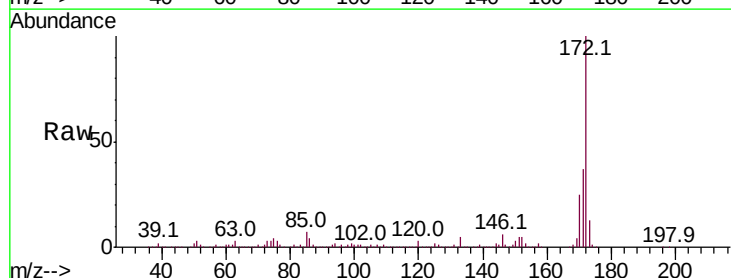
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.588 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Tgt Ion:	172	Resp:	1569816
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.7	44.5
170	24.6	19.6	29.4

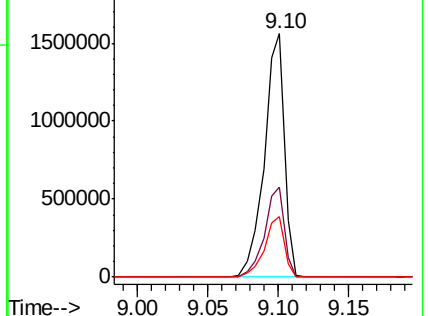
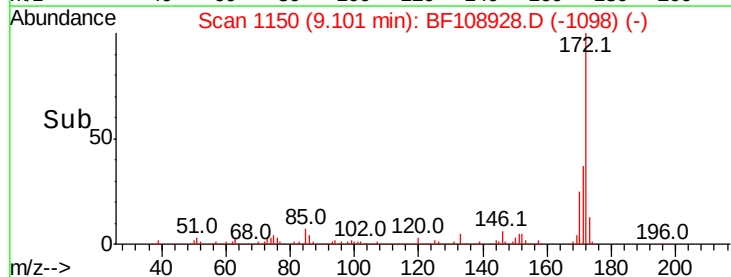


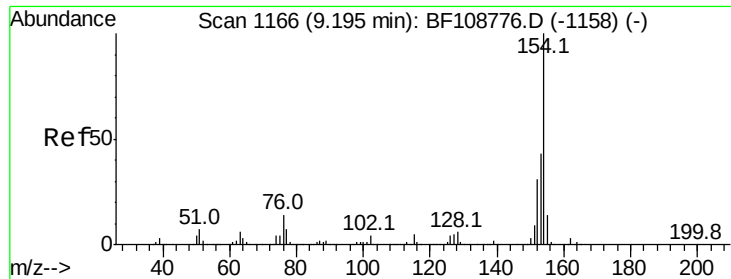
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





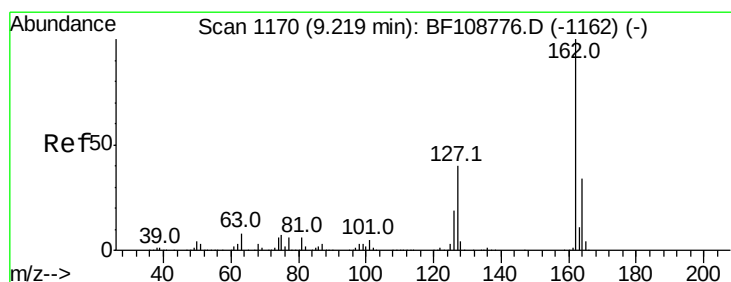
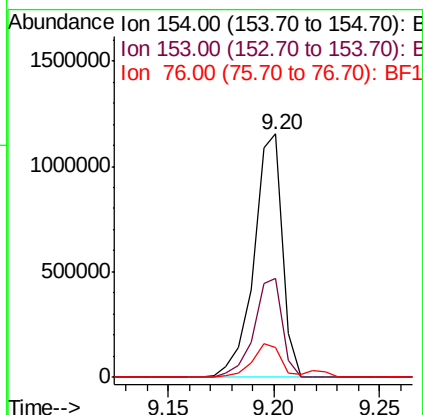
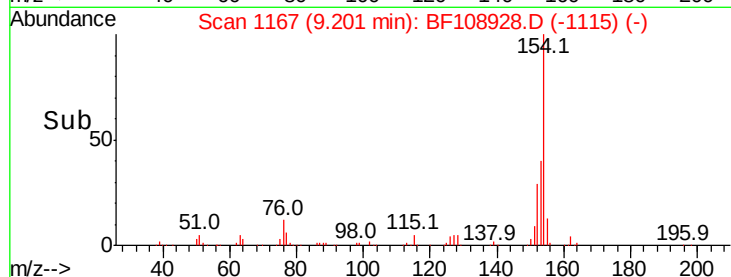
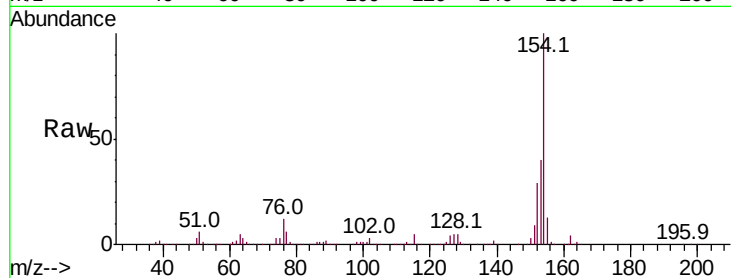
#45
1,1'-Biphenyl
Concen: 41.294 ng
RT: 9.20 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Instrument :
BNA_F
ClientSampled :
PB112707BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.3	61.3
76	12.3	0.0	34.0

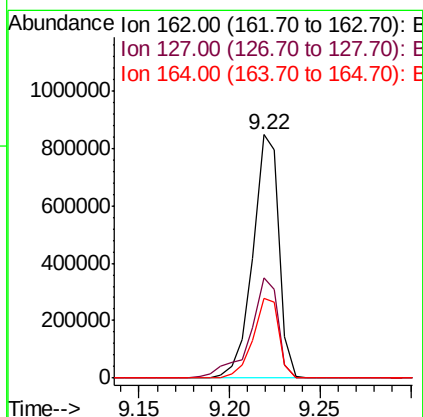
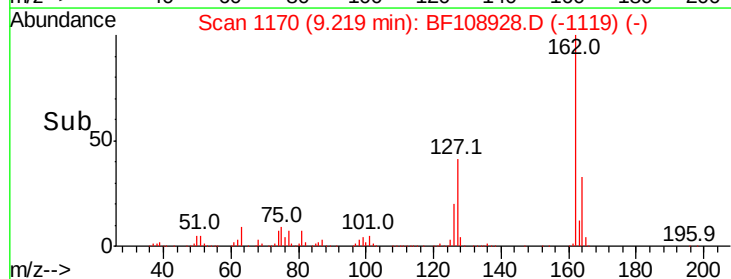
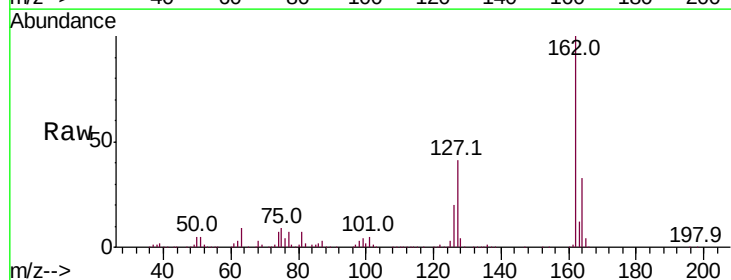
Manual Integrations
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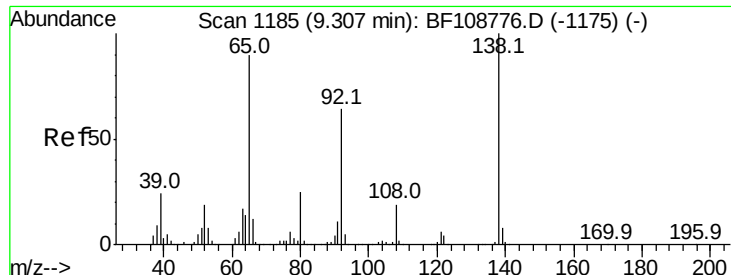
Sohil
9/12/2018 9:11:41 AM



#46
2-Chloronaphthalene
Concen: 39.852 ng
RT: 9.22 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.4	33.9	50.9
164	32.7	26.5	39.7





#47

2-Nitroaniline

Concen: 46.288 ng

RT: 9.31 min Scan# 1186

Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Instrument :

BNA_F

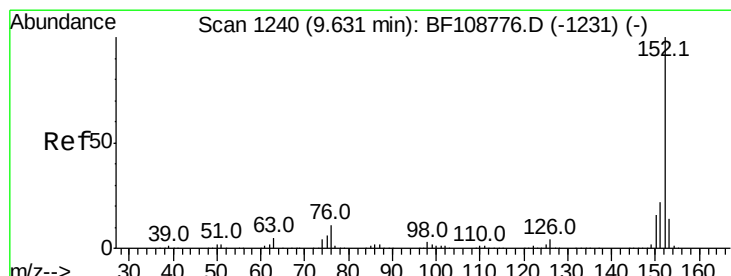
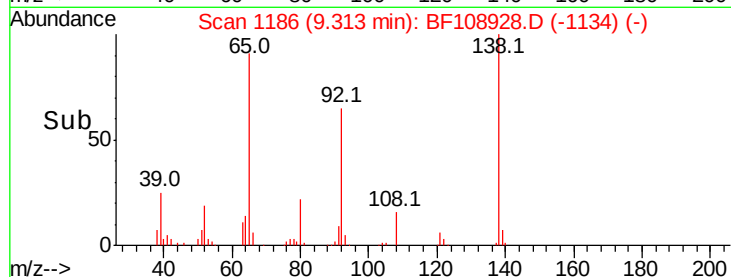
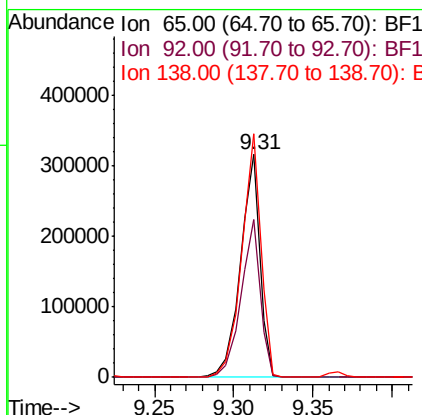
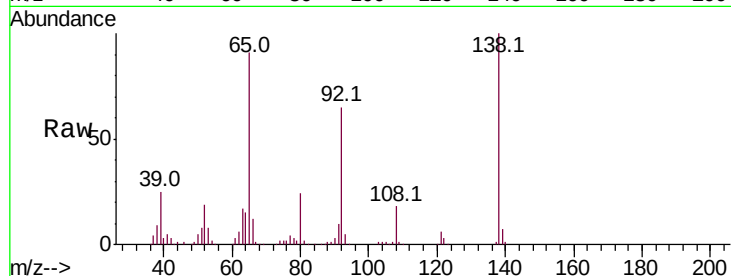
ClientSampleId :

PB112707BS

Tot Ion:	65	Resp:	268299
Ion Ratio	Lower	Upper	
65	100		
92	70.8	55.8	83.6
138	109.4	91.2	136.8

Manual Integrations
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#48

Acenaphthylene

Concen: 43.081 ng

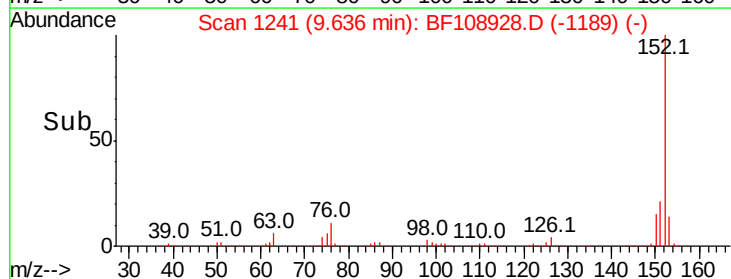
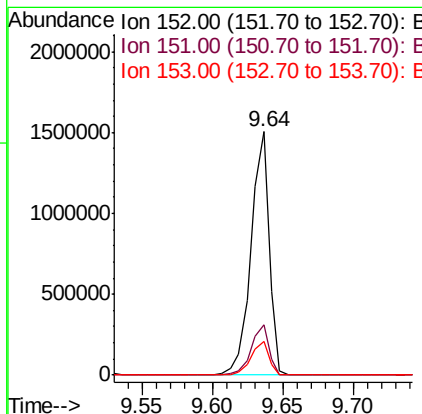
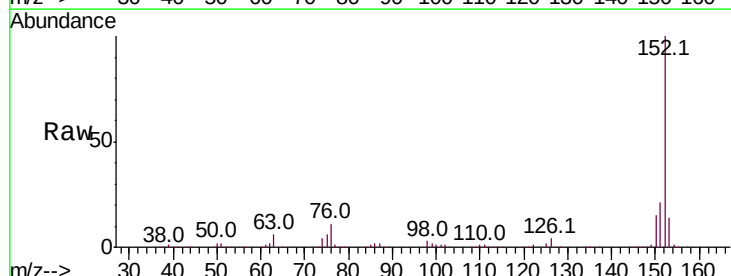
RT: 9.64 min Scan# 1241

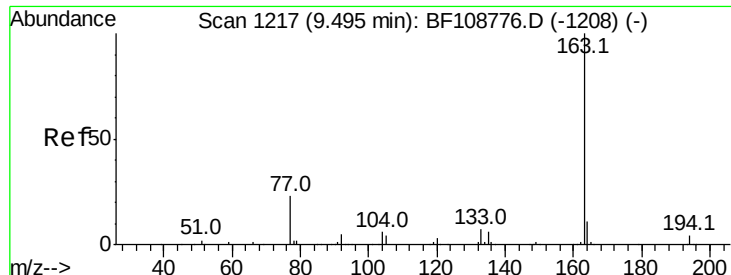
Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Tgt Ion:	152	Resp:	1362496
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.3	24.5
153	13.7	10.7	16.1





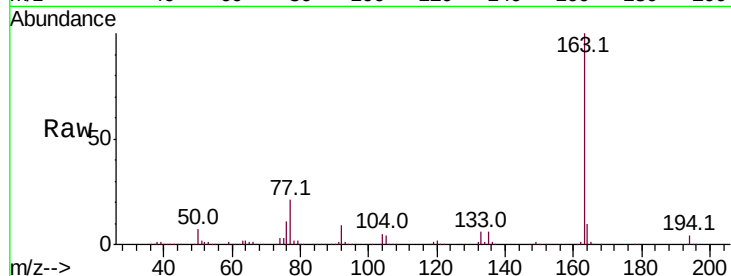
#49
Dimethylphthalate
Concen: 40.818 ng
RT: 9.50 min Scan# 1218
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Instrument :
BNA_F
ClientSampled :
PB112707BS

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

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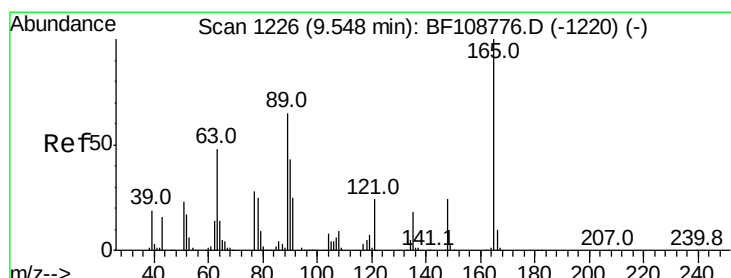
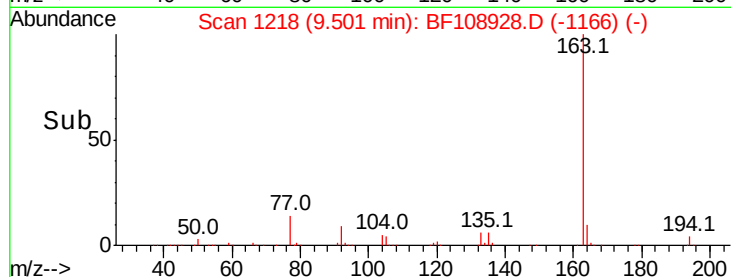
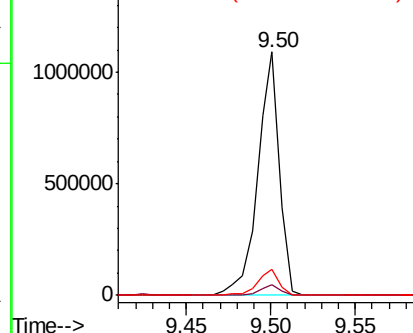


Abundance

Ion 163.00 (162.70 to 163.70): E

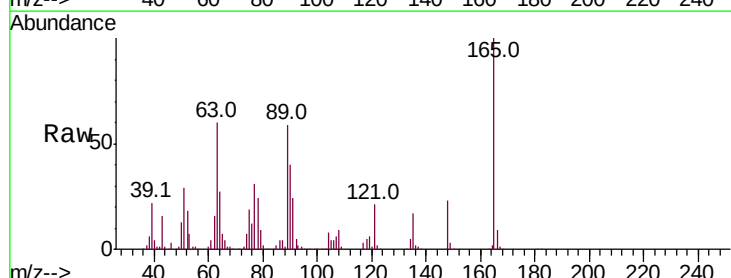
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 48.227 ng
RT: 9.55 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	60.5	44.7	67.1	
89	58.8	44.0	66.0	

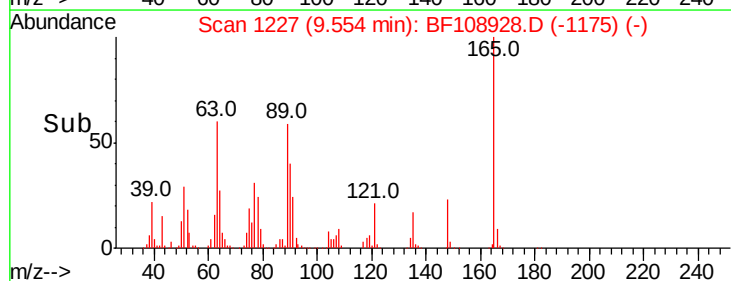
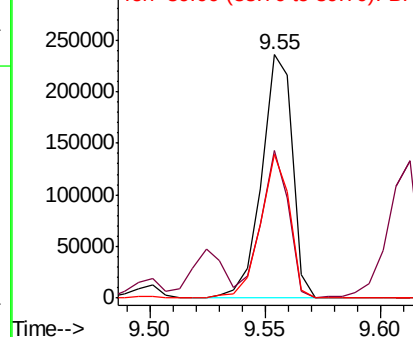


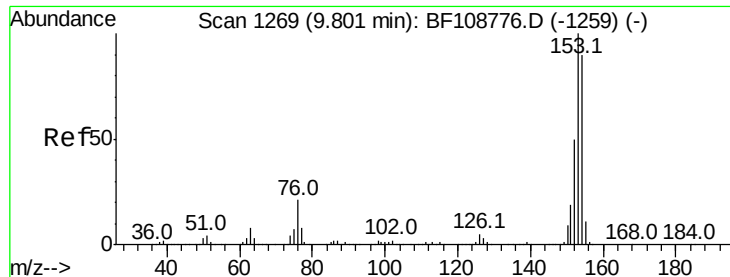
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 41.448 ng

RT: 9.81 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Instrument :

BNA_F

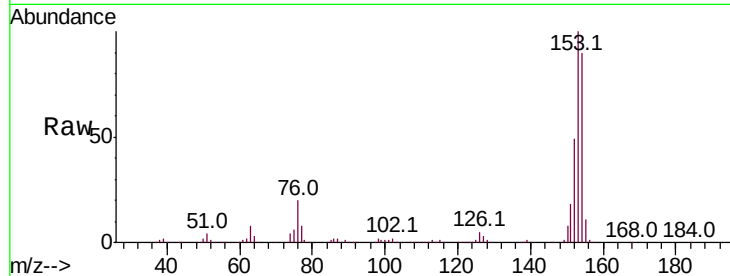
ClientSampleId :

PB112707BS

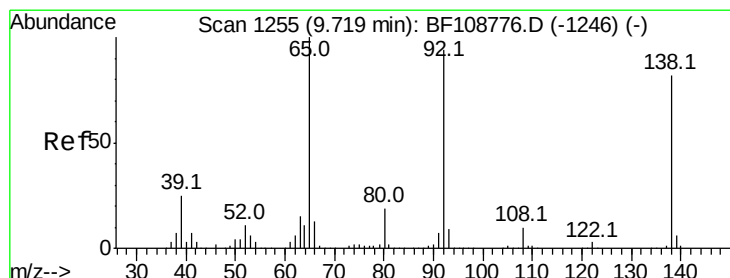
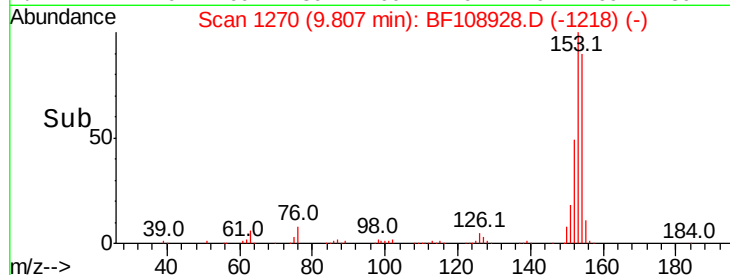
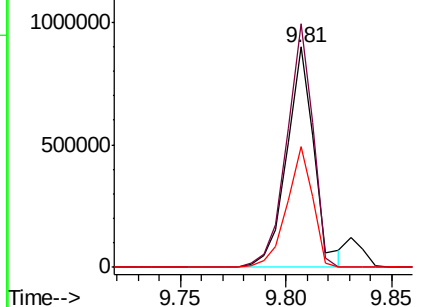
Tot Ion:	154	Resp:	811190
Ion Ratio	Lower	Upper	
154	100		
153	110.7	91.2	136.8
152	54.7	43.8	65.8

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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: 33.676 ng

RT: 9.72 min Scan# 1255

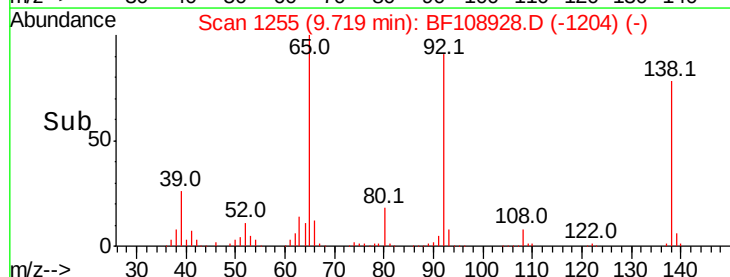
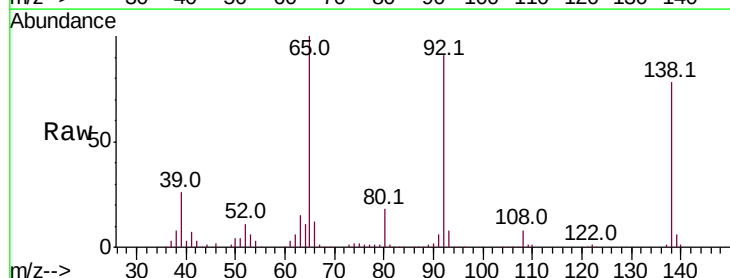
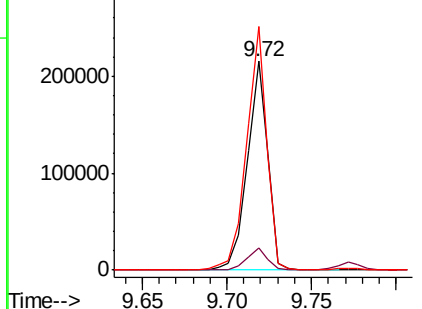
Delta R.T. -0.00 min

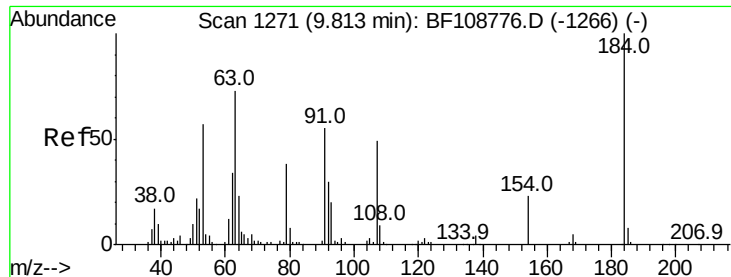
Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Tgt Ion:	138	Resp:	182063
Ion Ratio	Lower	Upper	
138	100		
108	10.7	9.4	14.0
92	116.7	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





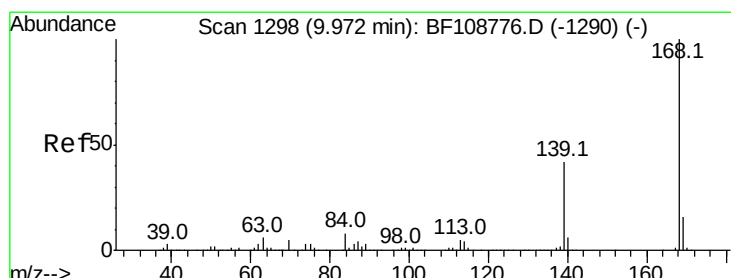
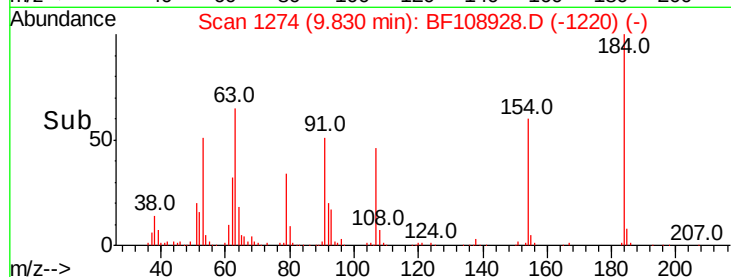
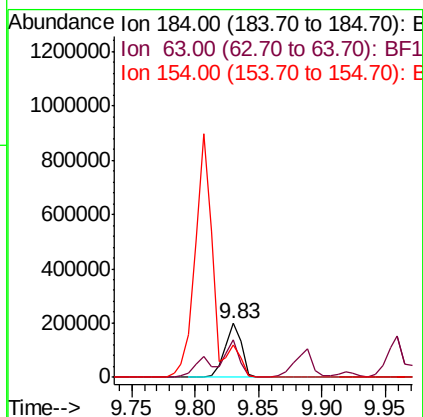
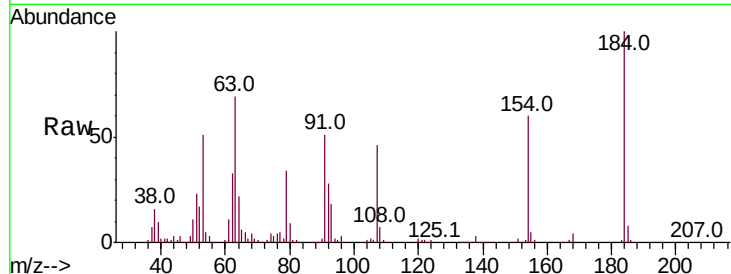
#53
2,4-Dinitrophenol
Concen: 106.213 ng
RT: 9.83 min Scan# 1274
Delta R.T. 0.02 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Instrument :
BNA_F
ClientSampleId :
PB112707BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	182954		
63	69.1	54.2	81.2	
154	60.0	184.0	276.0	

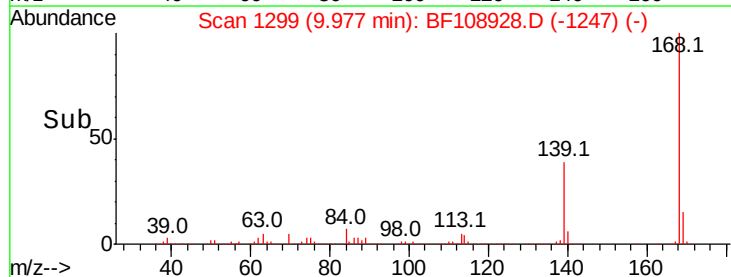
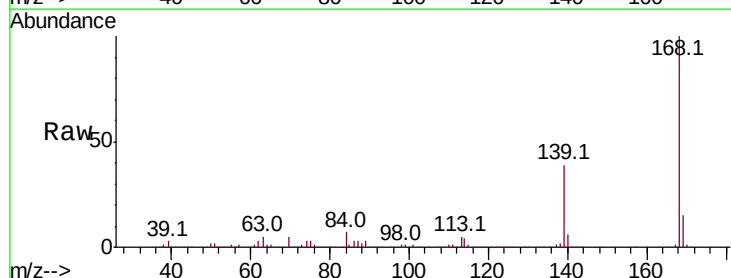
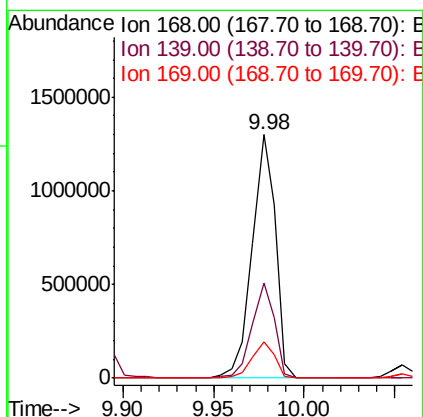
Manual Integrations
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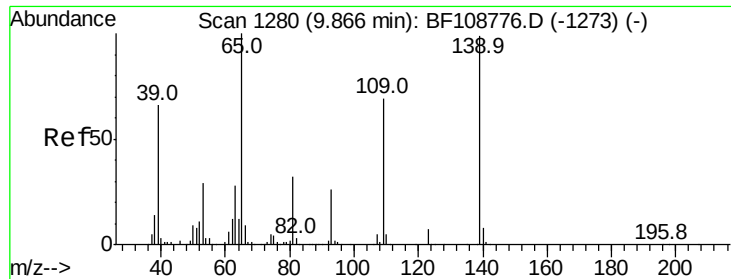
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#54
Dibenzofuran
Concen: 40.692 ng
RT: 9.98 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1160889		
139	39.2	30.1	45.1	
169	14.7	10.9	16.3	





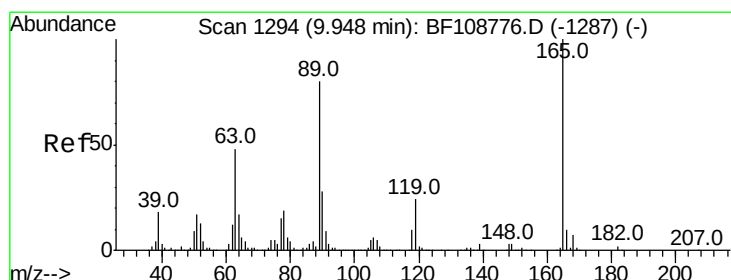
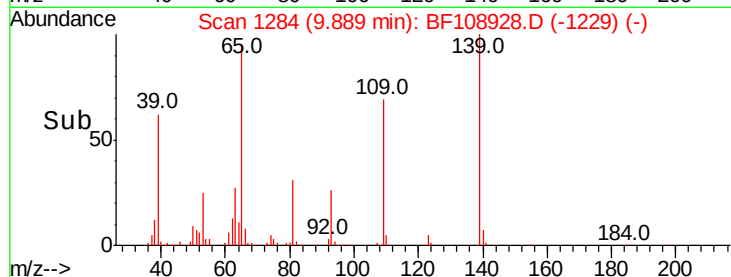
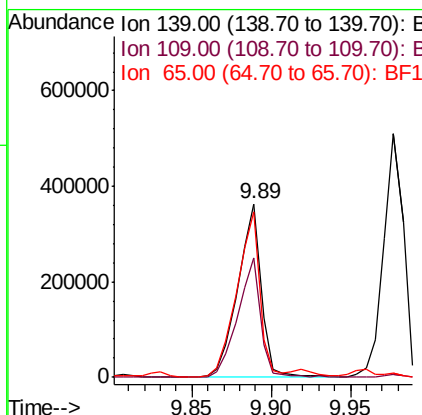
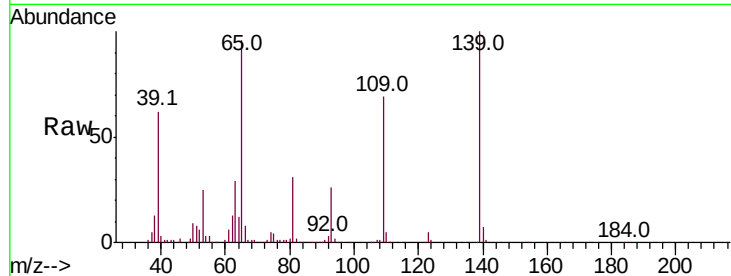
#55
4-Nitrophenol
Concen: 92.059 ng
RT: 9.89 min Scan# 1284
Delta R.T. 0.02 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Instrument :
BNA_F
ClientSampleId :
PB112707BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	68.5	48.4	88.4
65	95.8	72.6	112.6

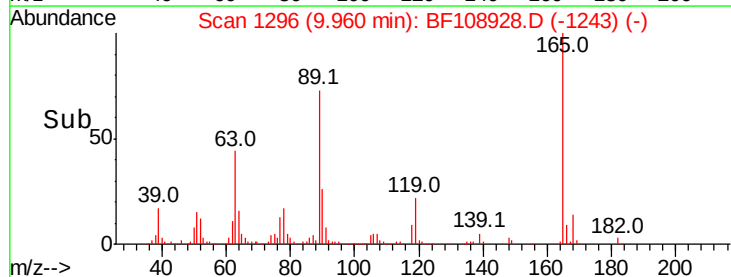
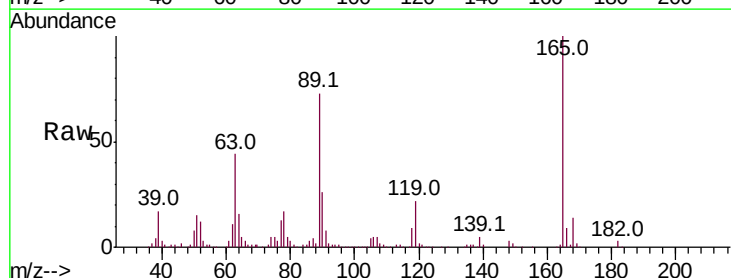
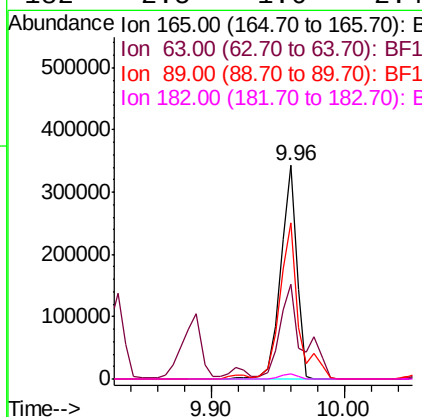
Manual Integrations
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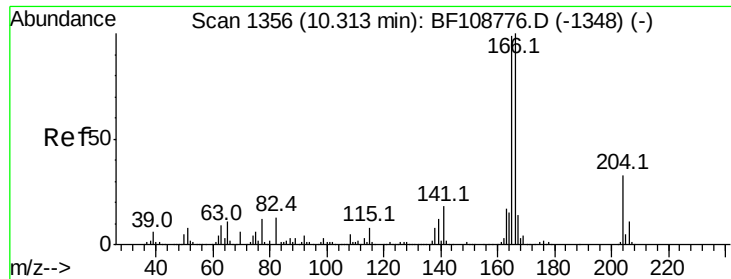
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#56
2,4-Dinitrotoluene
Concen: 50.382 ng
RT: 9.96 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.3	36.4	54.6
89	73.3	57.8	86.6
182	2.5	1.6	2.4#





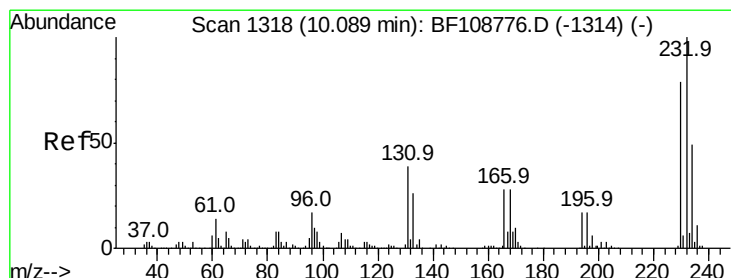
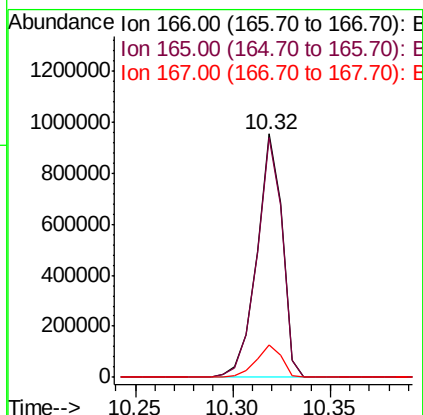
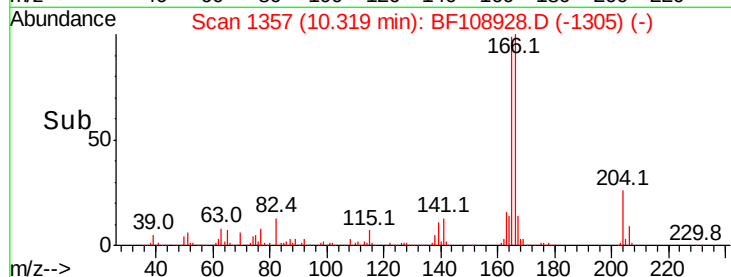
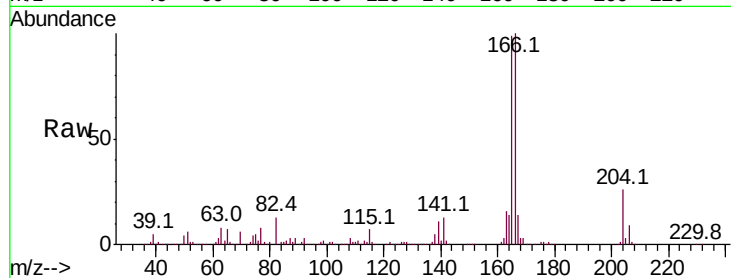
#57
Fluorene
Concen: 46.644 ng
RT: 10.32 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Instrument :
BNA_F
ClientSampleId :
PB112707BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.8	119.8
167	13.6	10.6	16.0

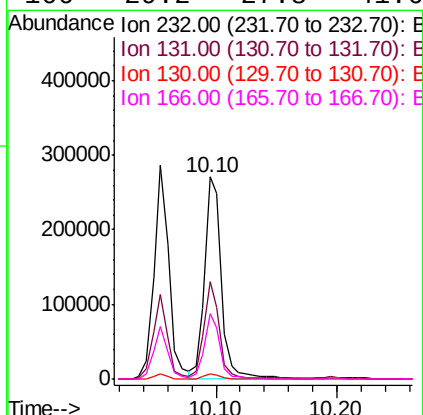
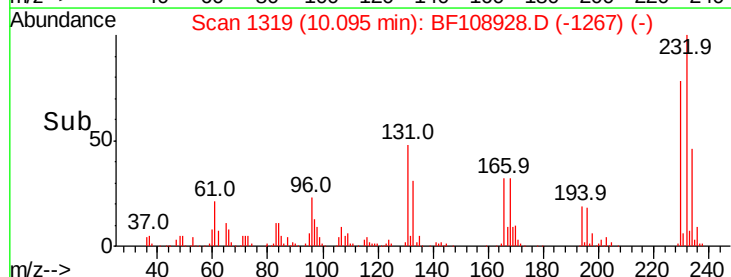
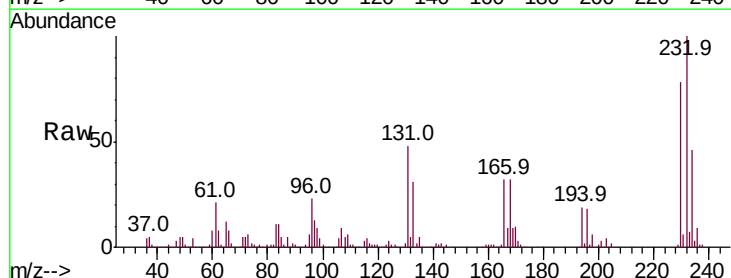
Manual Integrations
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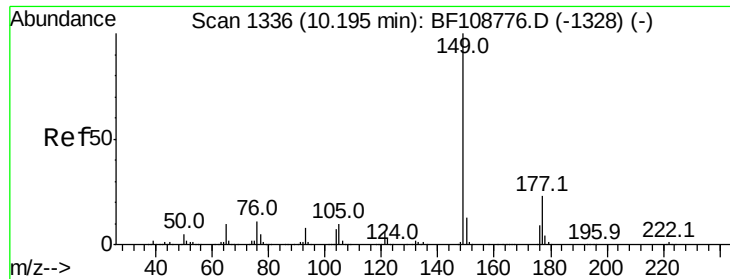
Sohil
9/12/2018 9:11:41 AM



#58
2,3,4,6-Tetrachlorophenol
Concen: 45.055 ng
RT: 10.10 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.2	43.8	65.8
130	2.1	2.1	3.1
166	29.2	27.8	41.6





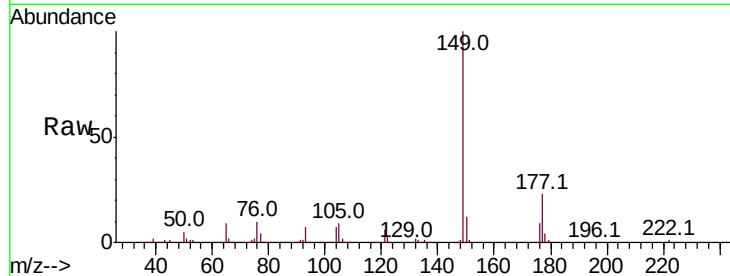
#59
Diethylphthalate
Concen: 39.380 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Instrument :
BNA_F
ClientSampled :
PB112707BS

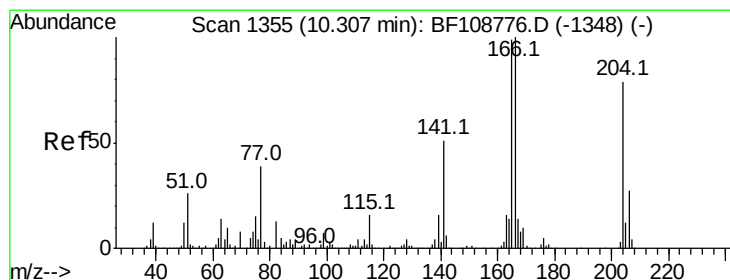
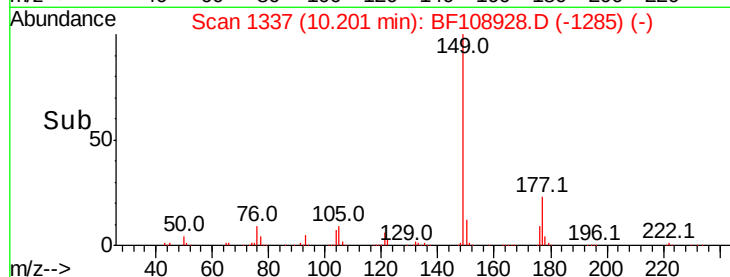
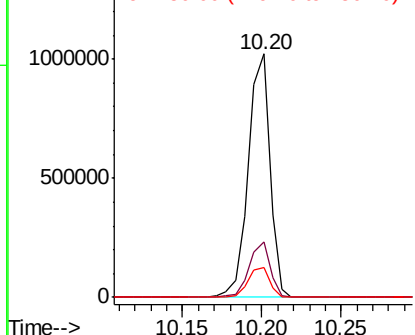
Tot Ion	Ratio	Resp	Lower	Upper
149	100	968619		
177	22.7	16.1	24.1	
150	12.5	10.1	15.1	

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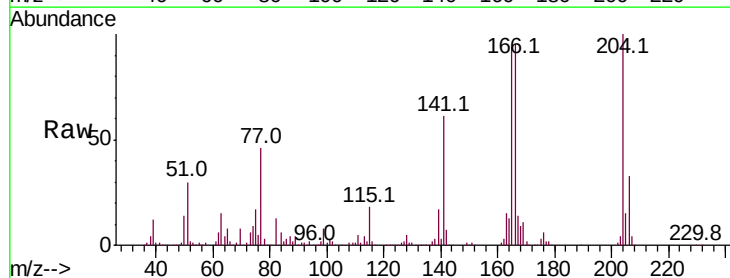


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

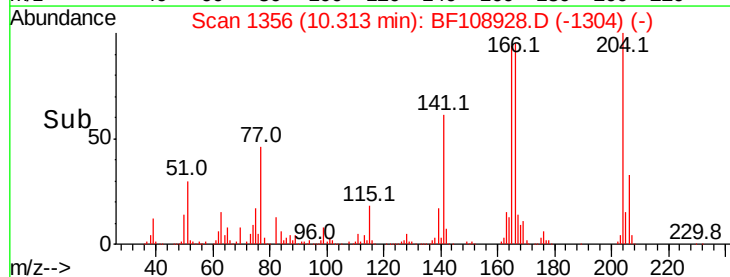
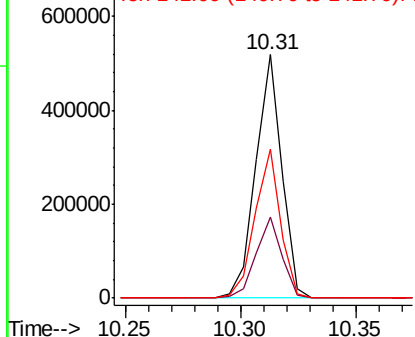


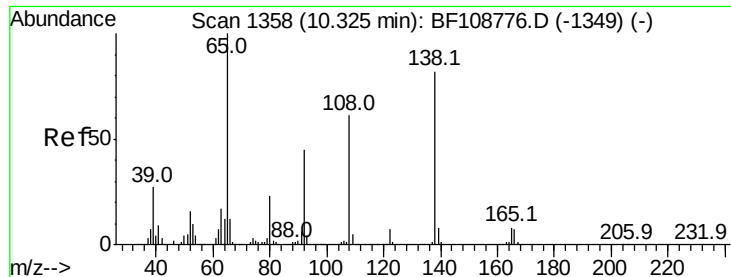
#60
4-Chlorophenyl-phenylether
Concen: 41.937 ng
RT: 10.31 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	410040		
206	33.4	26.5	39.7	
141	61.0	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





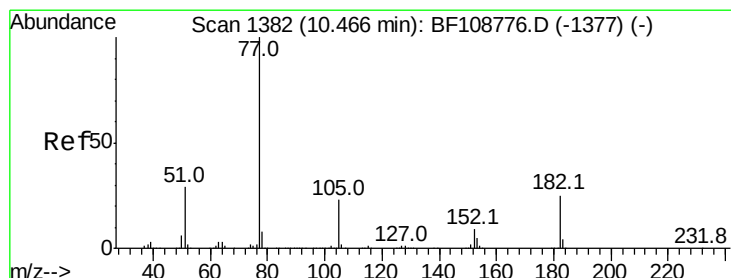
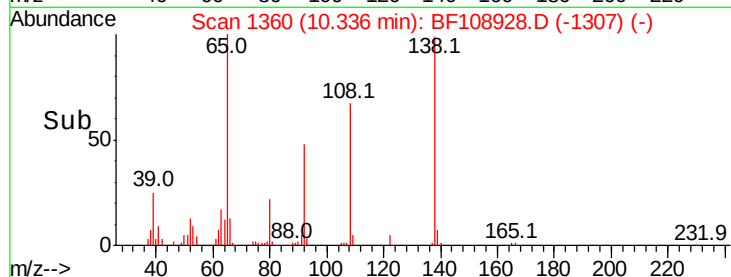
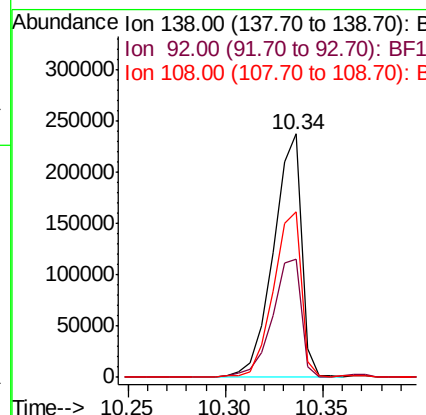
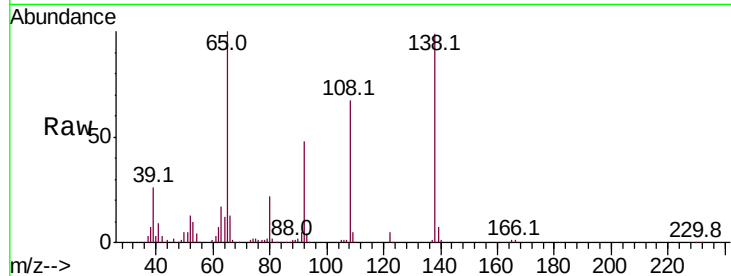
#61
4-Nitroaniline
Concen: 48.471 ng
RT: 10.34 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Instrument :
BNA_F
ClientSampleId :
PB112707BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.6	30.2	70.2
108	68.0	52.5	92.5

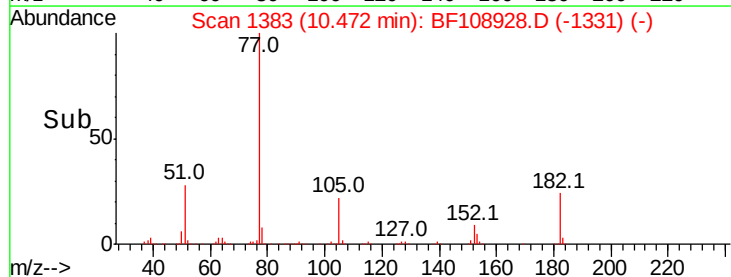
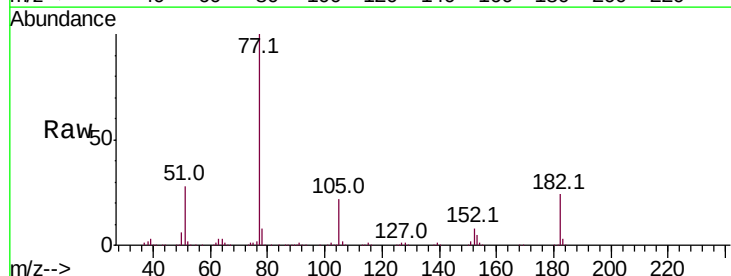
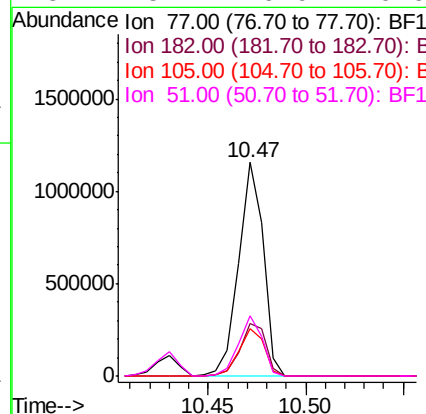
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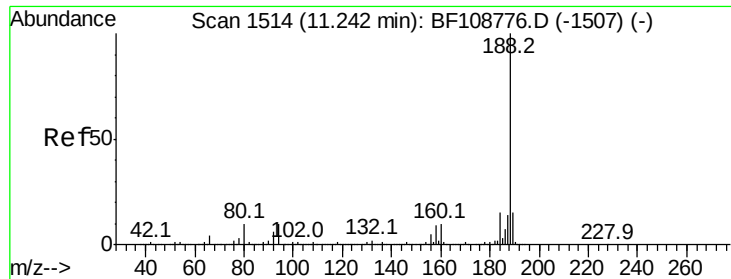
Sohil
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#62
Azobenzene
Concen: 39.922 ng
RT: 10.47 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.4	1.7	41.7
105	22.4	3.0	43.0
51	28.4	9.9	49.9





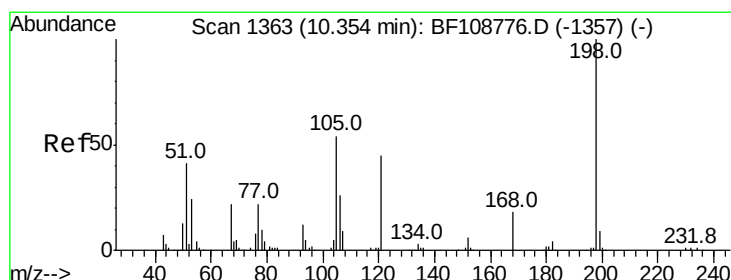
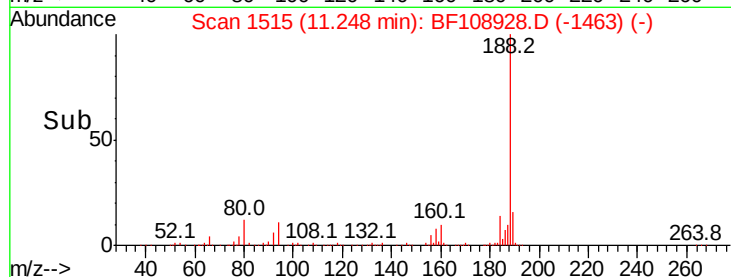
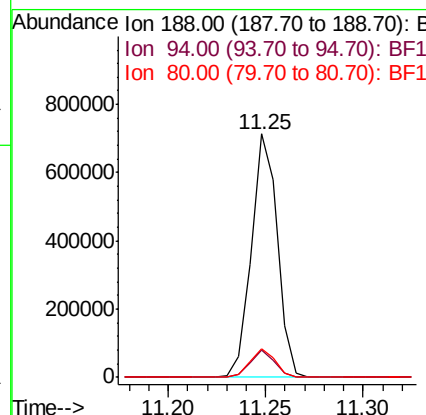
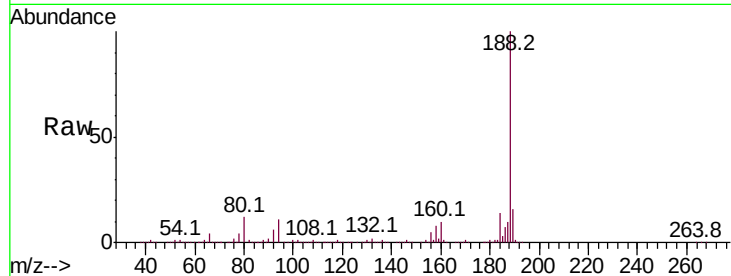
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Instrument :
BNA_F
ClientSampleId :
PB112707BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	655230		
94	11.1		8.5	12.7
80	11.7		9.2	13.8

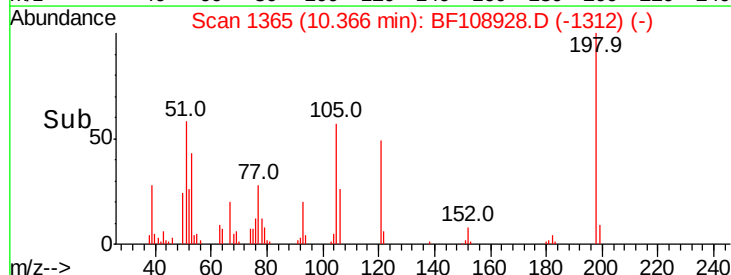
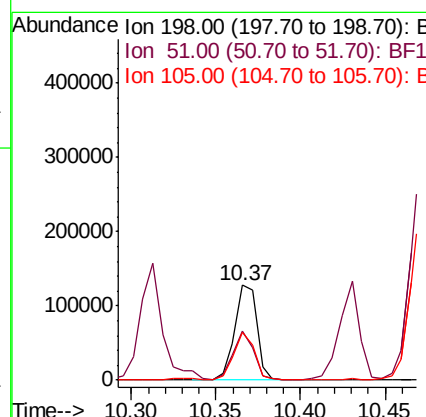
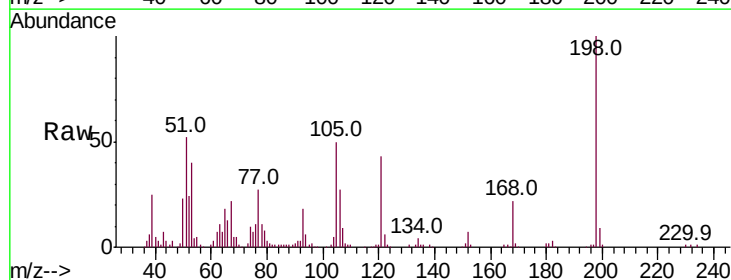
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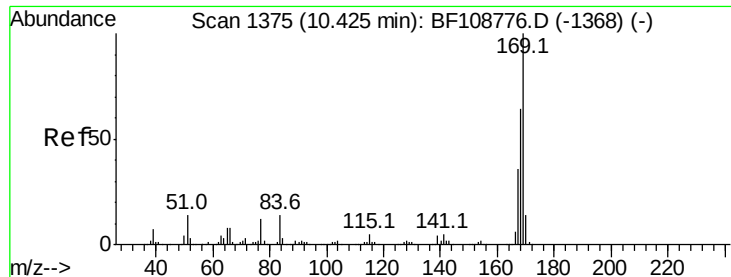
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 45.926 ng
RT: 10.37 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	117445		
51	51.6		37.7	77.7
105	50.3		36.3	76.3





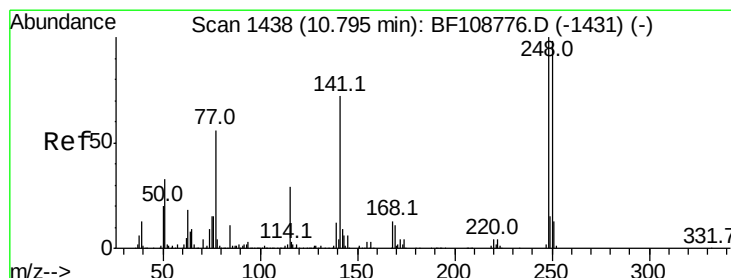
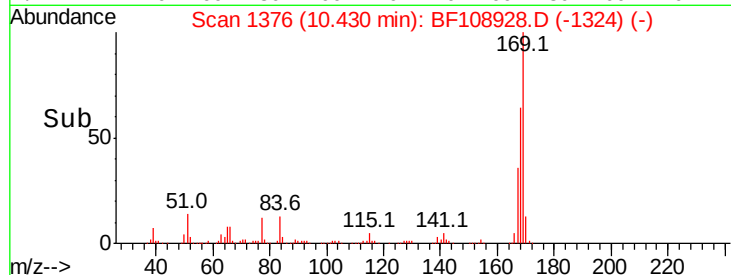
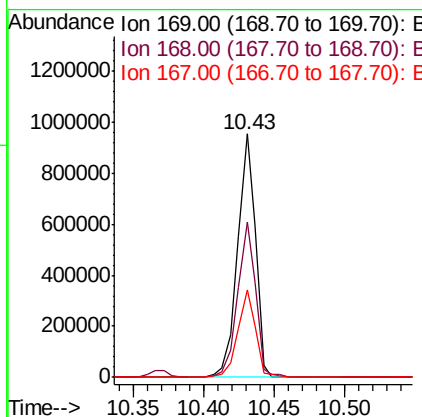
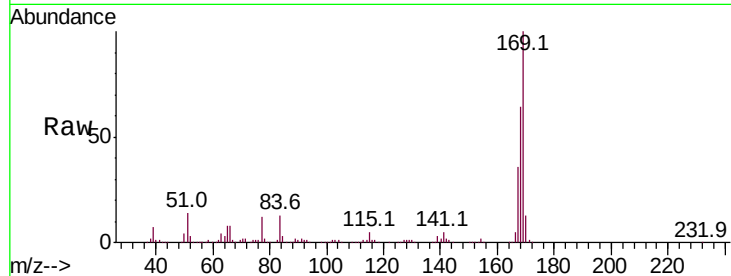
#65
n-Nitrosodiphenylamine
Concen: 38.324 ng
RT: 10.43 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Instrument :
BNA_F
ClientSampleId :
PB112707BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	834896		
168	64.0		54.4	81.6
167	35.9		29.8	44.6

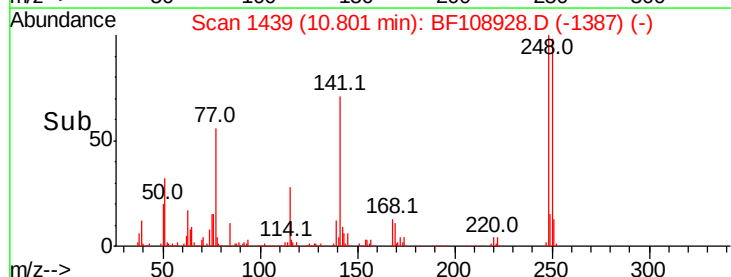
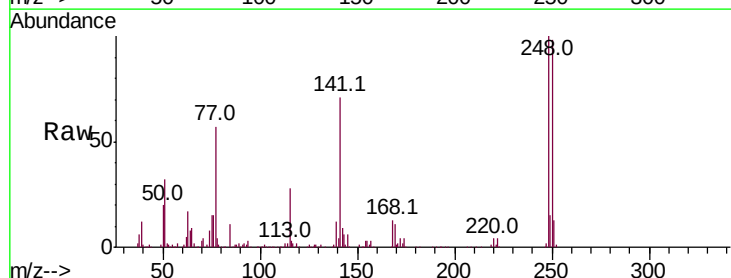
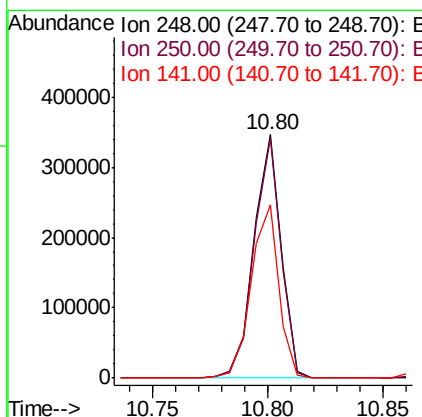
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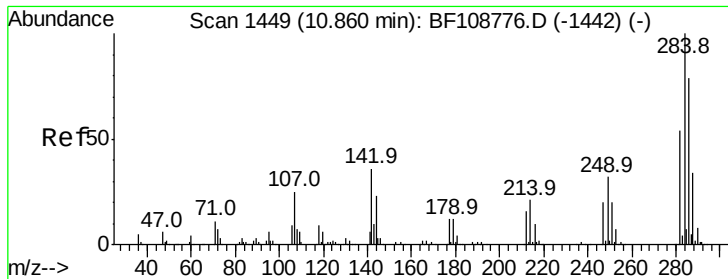
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 38.781 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	287000		
250	98.3		76.9	115.3
141	71.3		74.4	111.6#





#67

Hexachlorobenzene

Concen: 38.119 ng

RT: 10.87 min Scan# 1451

Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Instrument :

BNA_F

ClientSampleId :

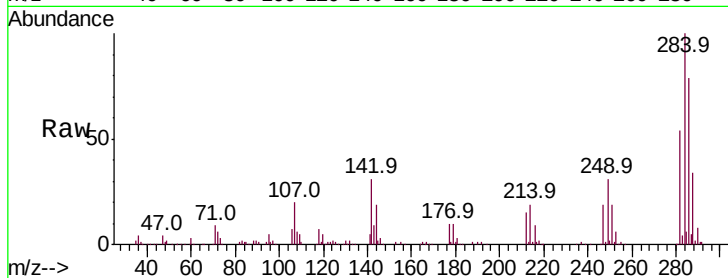
PB112707BS

Tot Ion:	284	Resp:	301142
Ion Ratio		Lower	Upper
284	100		
142	31.2	34.6	52.0#
249	31.0	24.8	37.2

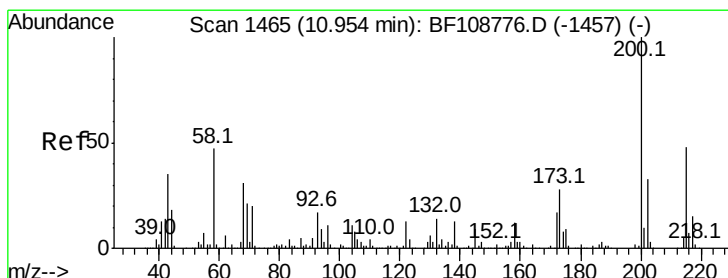
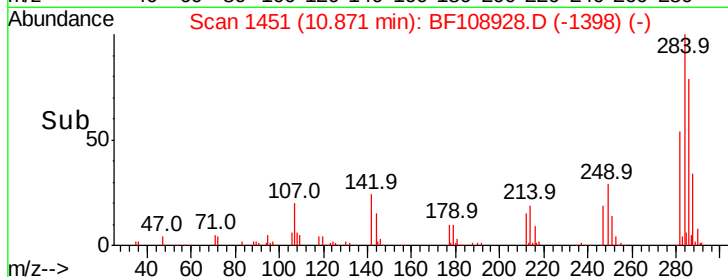
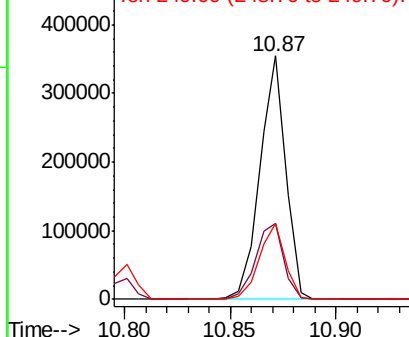
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.445 ng

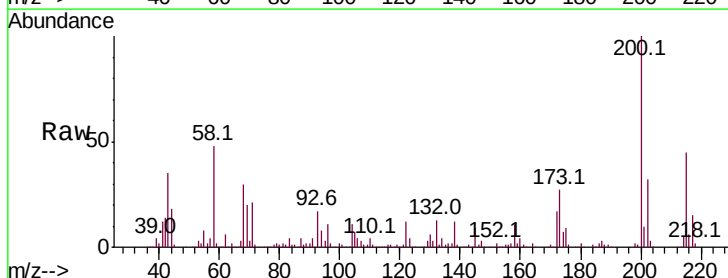
RT: 10.96 min Scan# 1466

Delta R.T. 0.01 min

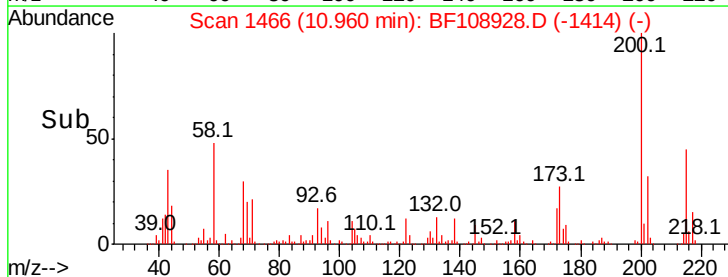
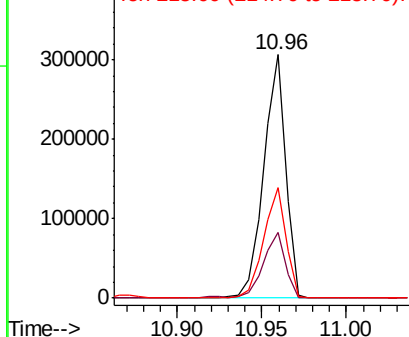
Lab File: BF108928.D

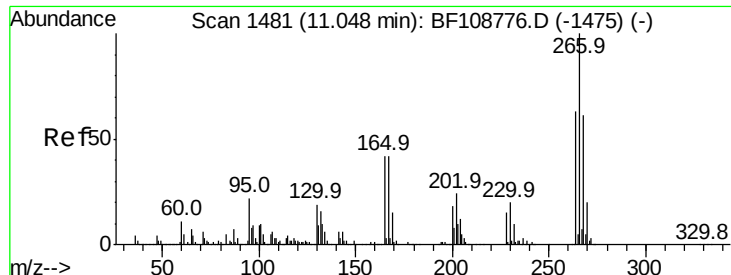
Acq: 11 Sep 2018 12:02

Tgt Ion:	200	Resp:	275090
Ion Ratio		Lower	Upper
200	100		
173	27.0	8.6	48.6
215	45.3	25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





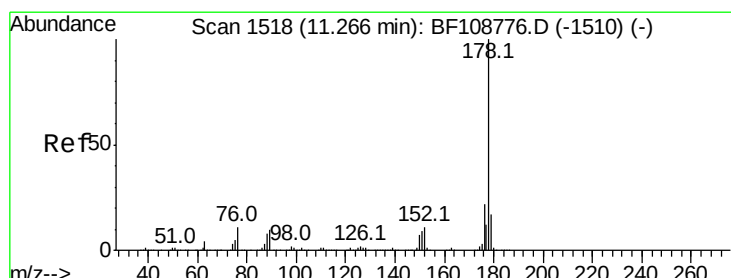
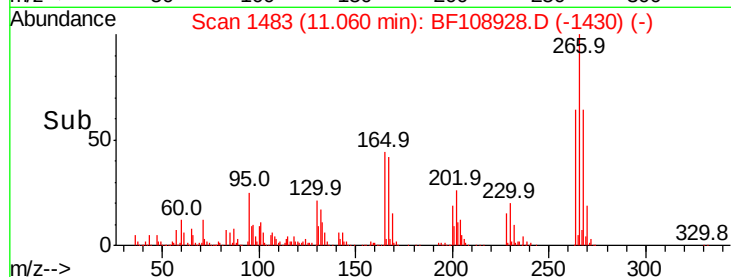
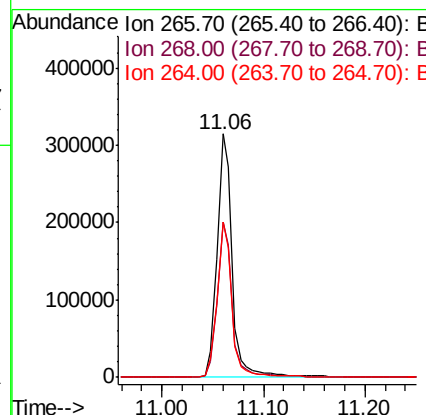
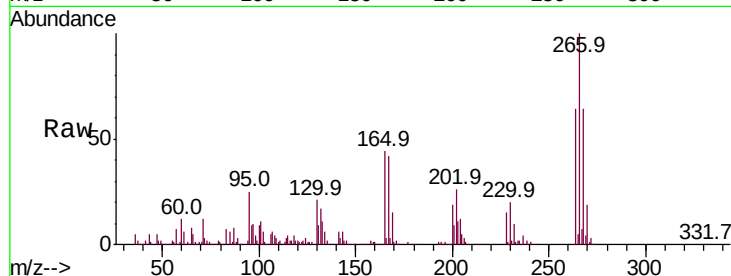
#69
 Pentachlorophenol
 Concen: 67.833 ng
 RT: 11.06 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB112707BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	327627		
268	63.6	51.1	76.7	
264	63.6	49.5	74.3	

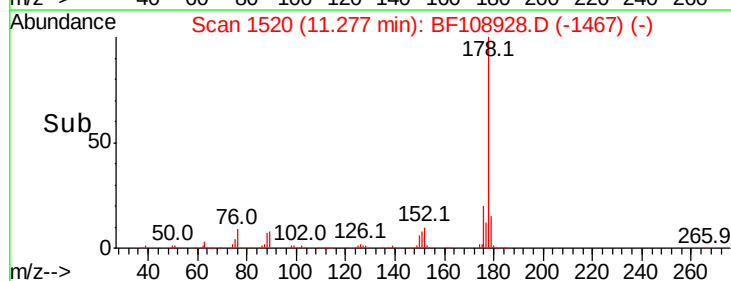
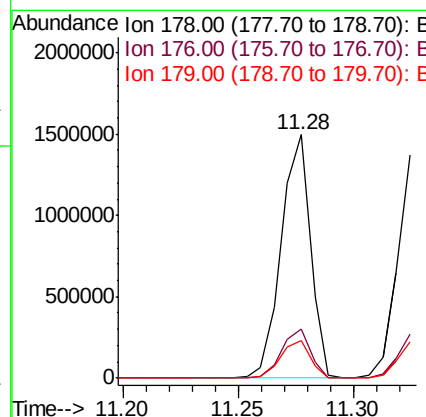
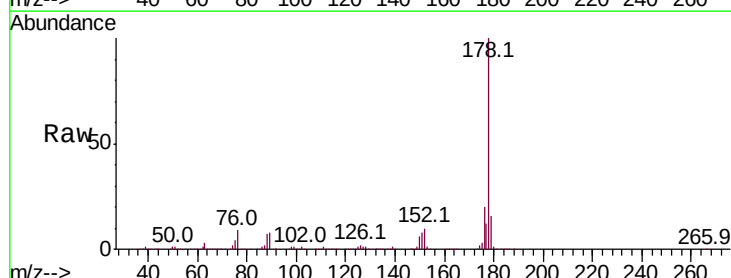
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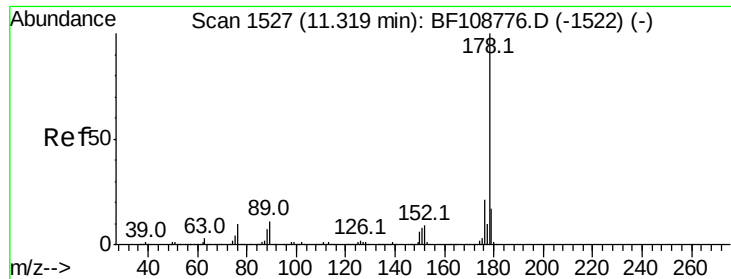
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#70
 Phenanthrene
 Concen: 42.045 ng
 RT: 11.28 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1315603		
176	20.1	15.8	23.8	
179	15.5	13.0	19.6	





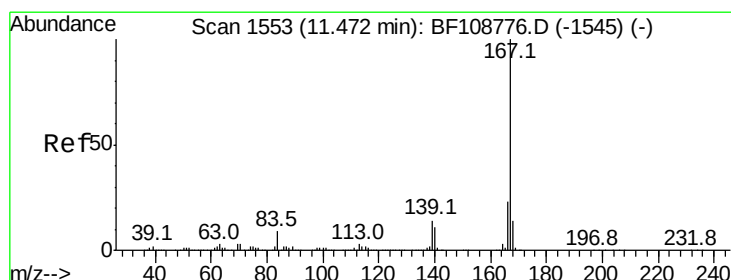
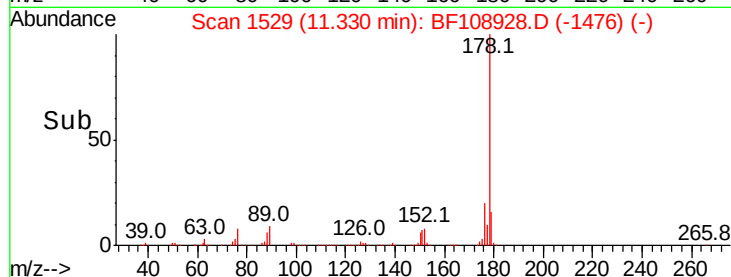
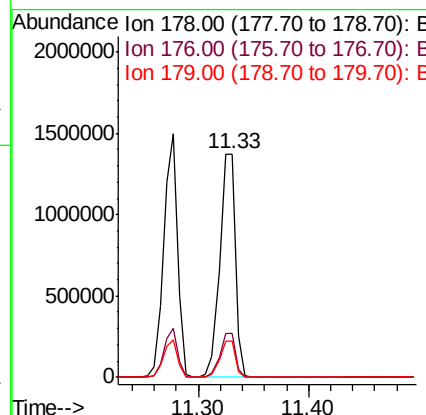
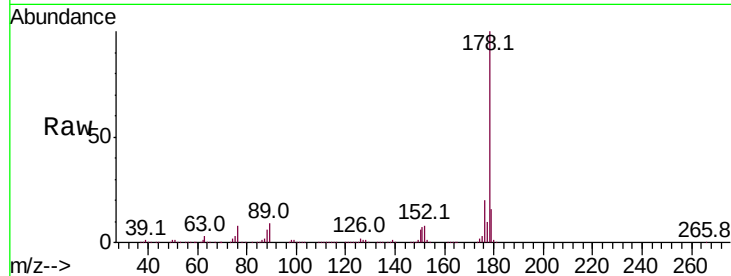
#71
 Anthracene
 Concen: 45.044 ng
 RT: 11.33 min Scan# 1529
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB112707BS

Tot Ion:178 Resp: 1349453
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 16.0 12.6 19.0

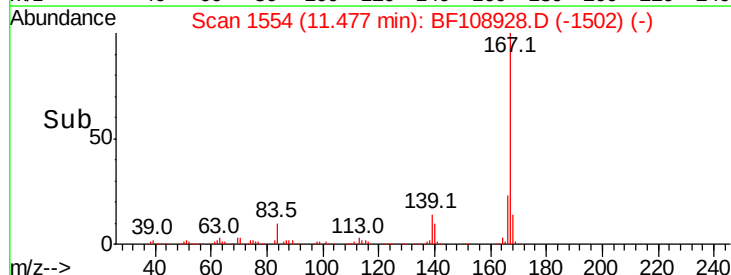
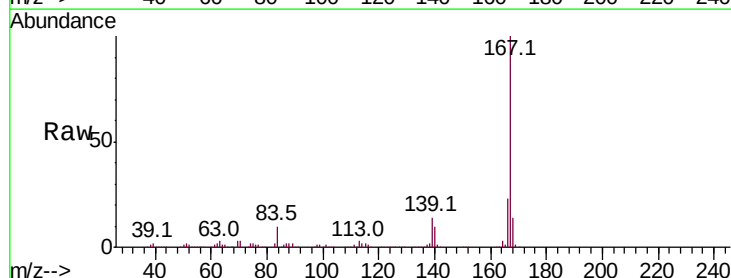
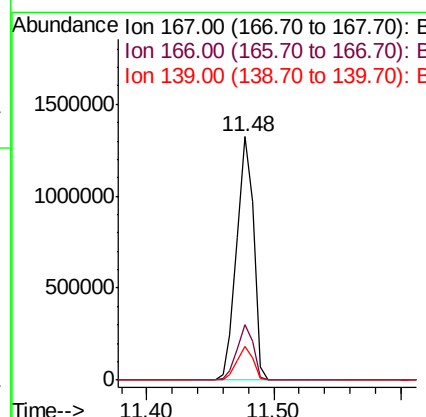
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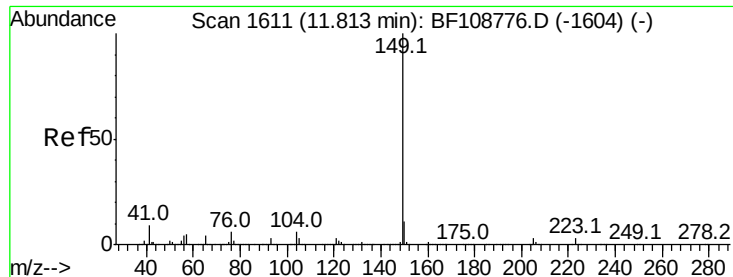
Sohil
 9/12/2018 9:11:41 AM



#72
 Carbazole
 Concen: 38.465 ng
 RT: 11.48 min Scan# 1554
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Tgt Ion:167 Resp: 1213595
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.8 10.9 16.3





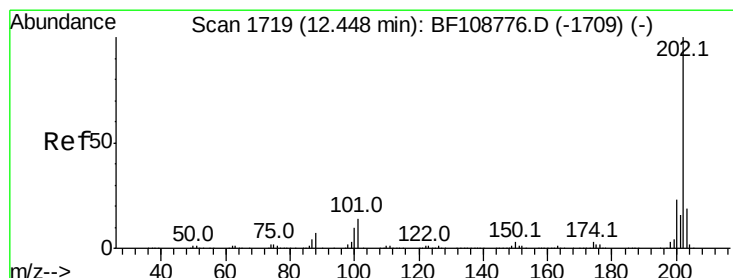
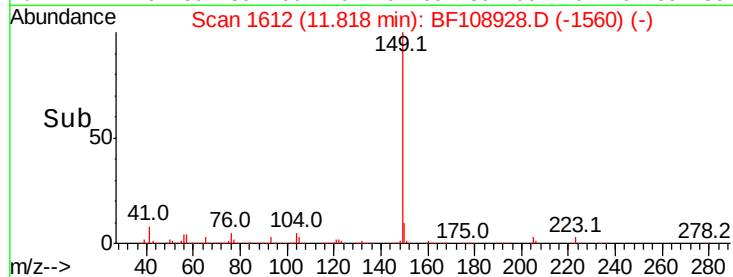
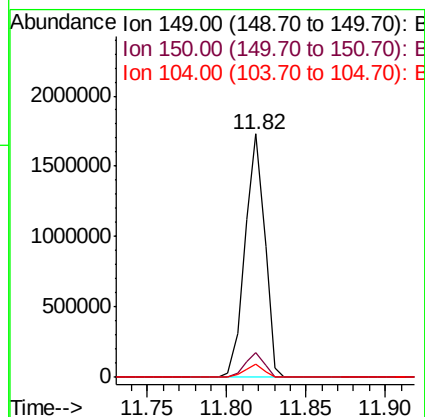
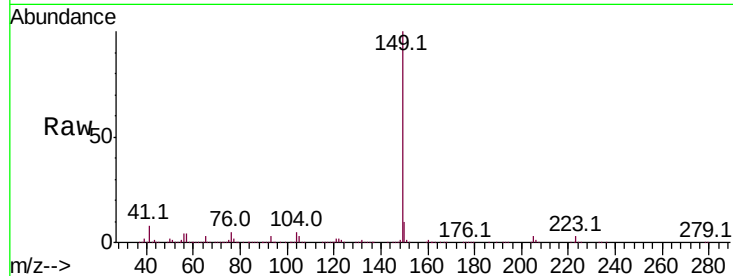
#73
Di-n-butylphthalate
Concen: 42.403 ng
RT: 11.82 min Scan# 1612
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Instrument :
BNA_F
ClientSampleId :
PB112707BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.8	11.6
104	5.4	3.8	5.8

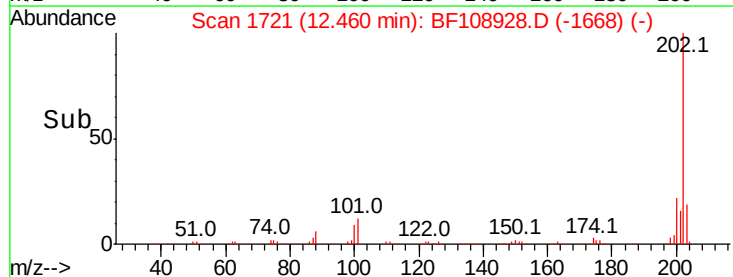
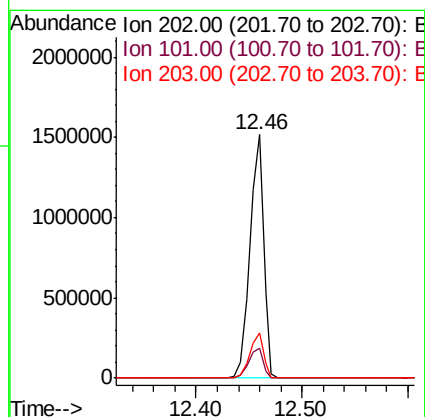
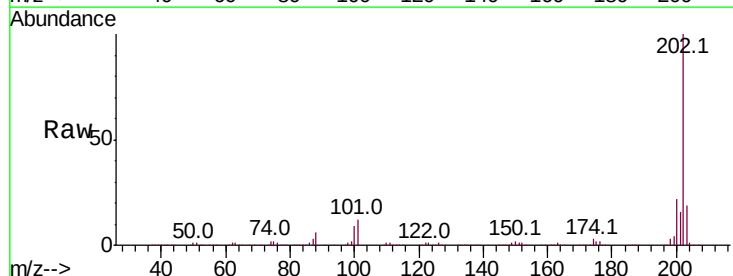
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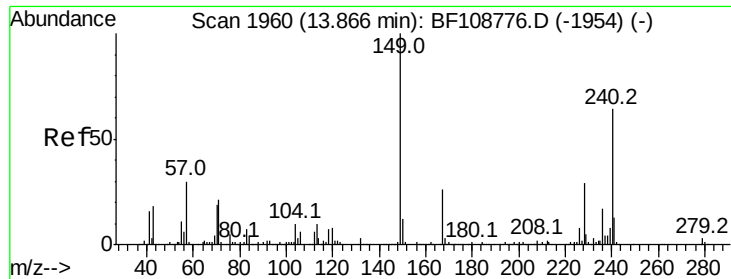
Sohil
9/12/2018 9:11:41 AM



#74
Fluoranthene
Concen: 43.933 ng
RT: 12.46 min Scan# 1721
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.1
203	18.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 1962

Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Instrument :

BNA_F

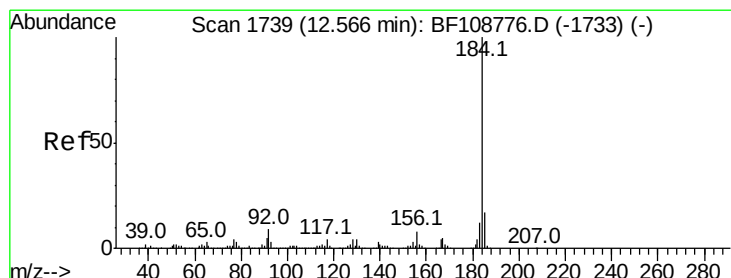
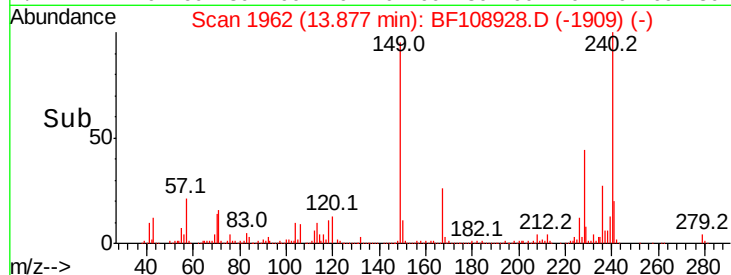
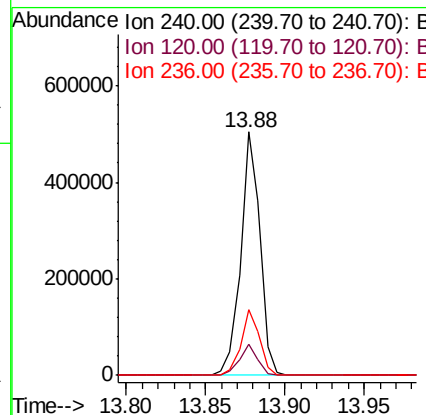
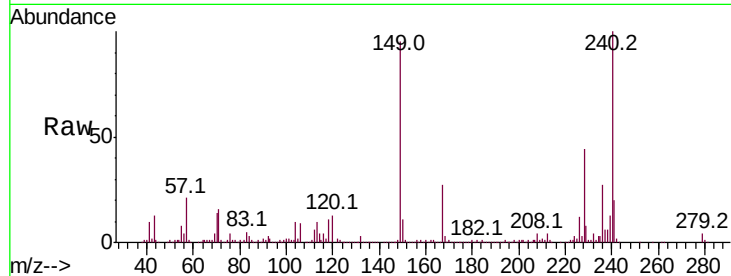
ClientSampleId :

PB112707BS

Tot Ion:	240	Resp:	422942
Ion Ratio	Lower	Upper	
240	100		
120	12.6	9.5	14.3
236	27.0	20.7	31.1

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#76

Benzidine

Concen: 32.036 ng

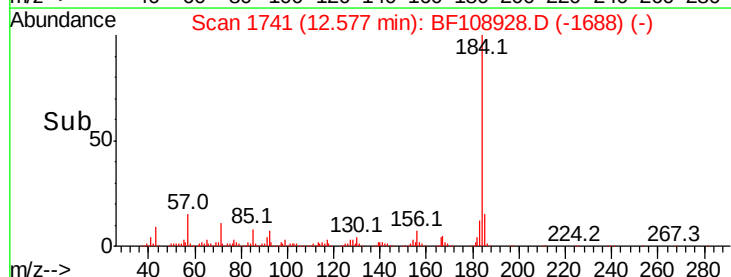
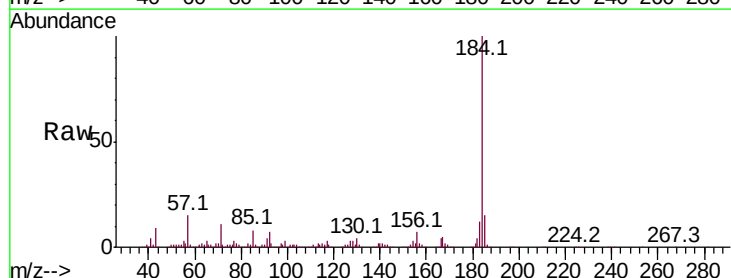
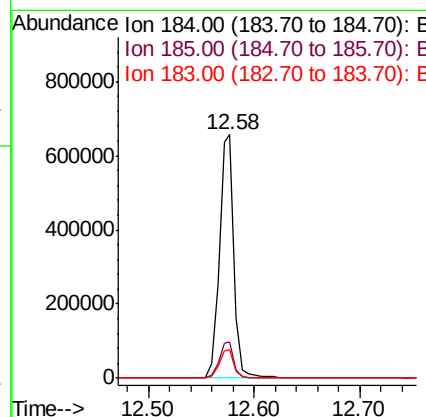
RT: 12.58 min Scan# 1741

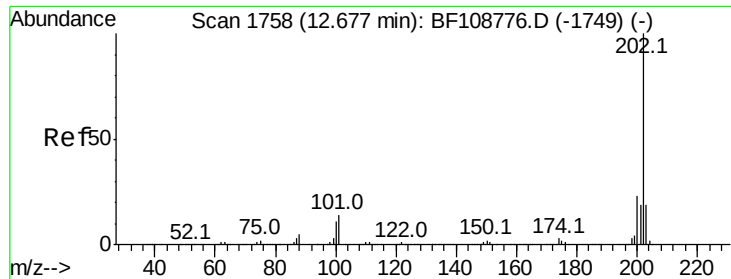
Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Tgt Ion:	184	Resp:	642178
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.6	18.8
183	12.0	9.3	13.9





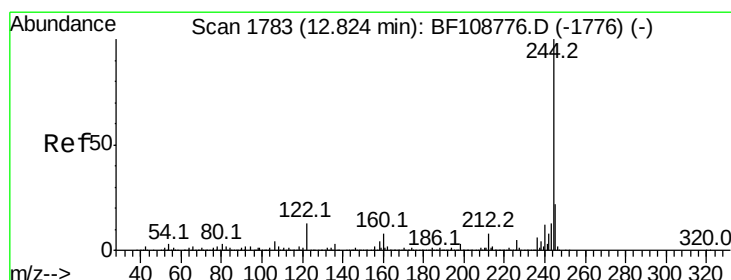
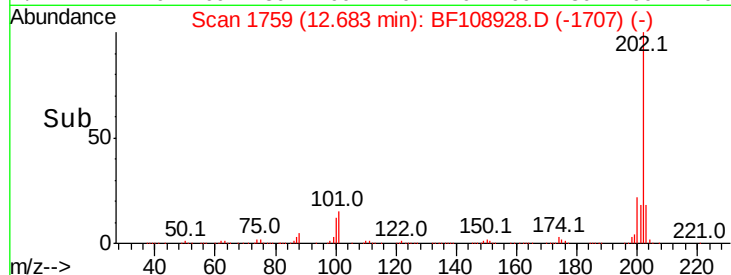
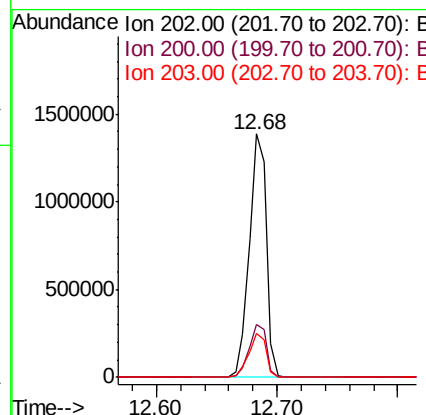
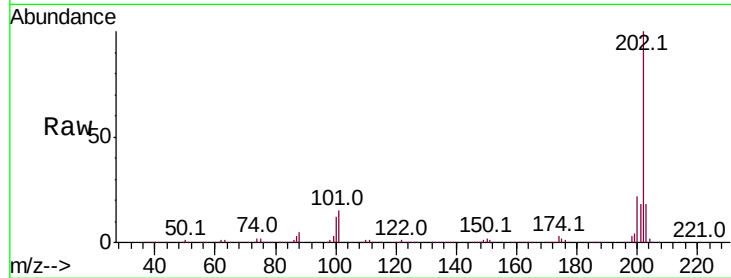
#77
Pvrene
Concen: 42.108 ng
RT: 12.68 min Scan# 1759
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Instrument :
BNA_F
ClientSampleId :
PB112707BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	18.2	14.3	21.5

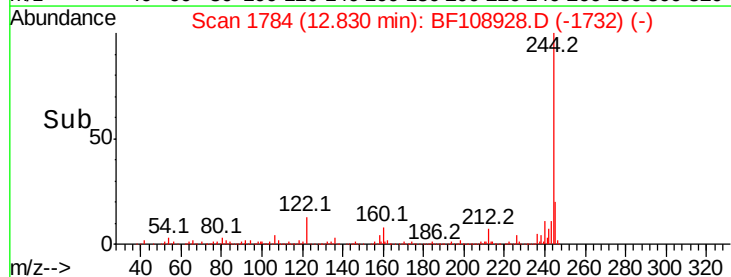
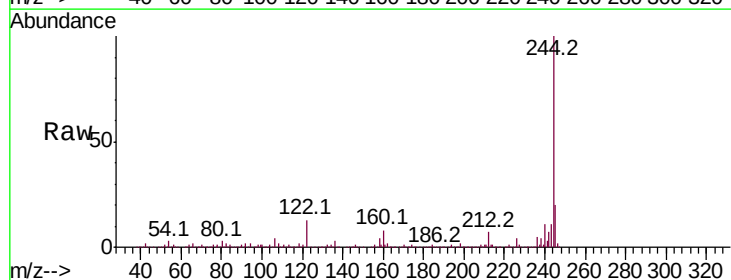
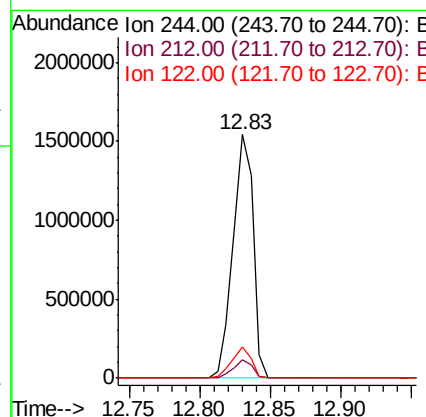
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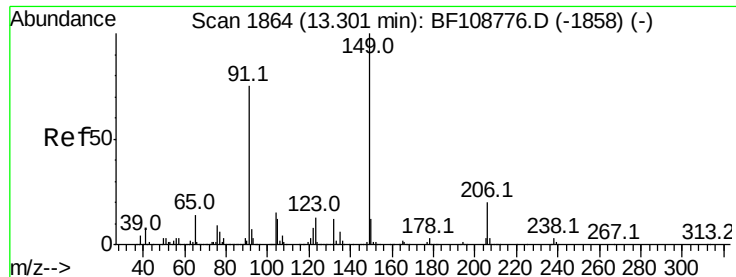
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#78
Terphenyl-d14
Concen: 84.677 ng
RT: 12.83 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	12.7	11.0	16.4





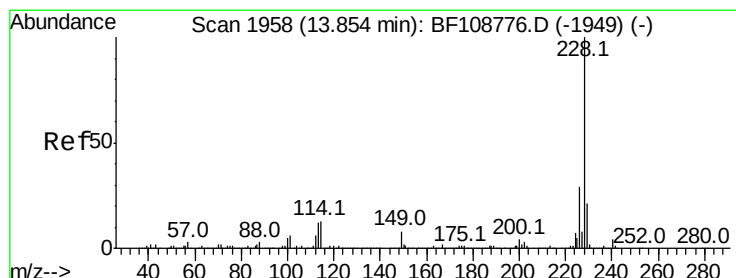
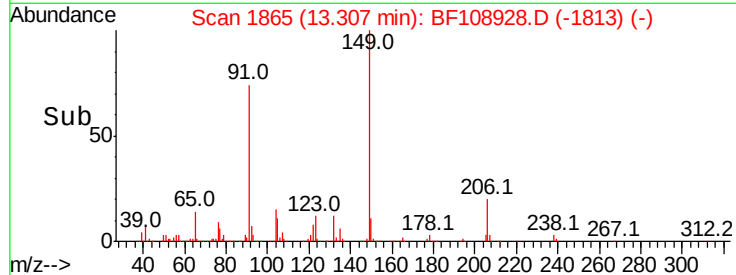
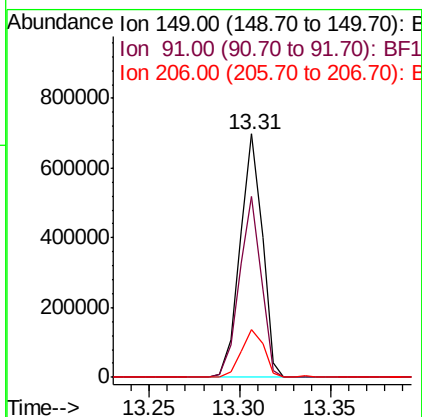
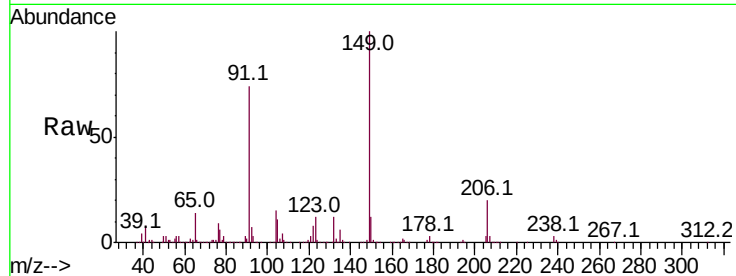
#79
Butylbenzylphthalate
Concen: 40.450 ng
RT: 13.31 min Scan# 1865
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Instrument :
BNA_F
ClientSampleId :
PB112707BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	592828		
91	74.1	56.8	85.2	
206	19.8	14.1	21.1	

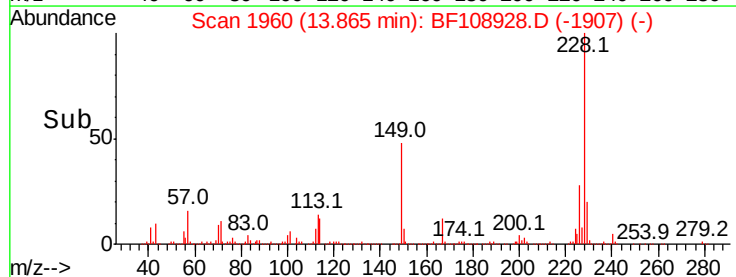
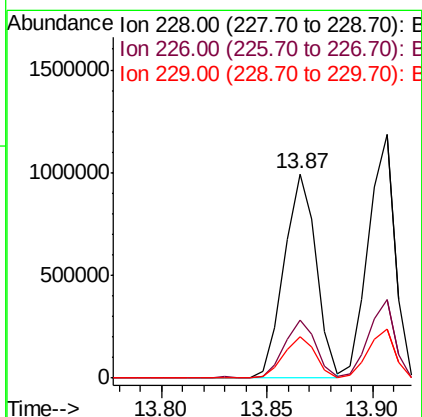
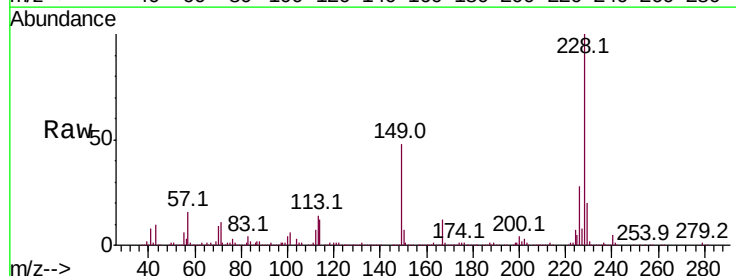
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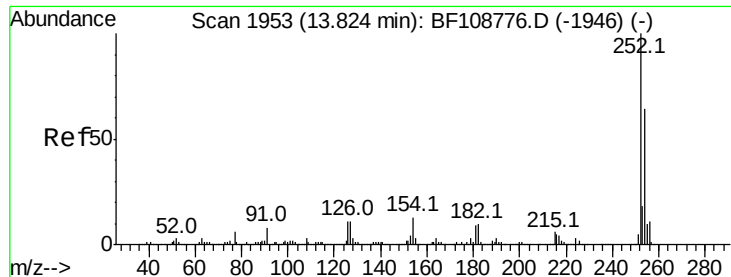
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#80
Benzo(a)anthracene
Concen: 38.708 ng
RT: 13.87 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1049355		
226	28.4	22.6	33.8	
229	20.4	15.8	23.6	





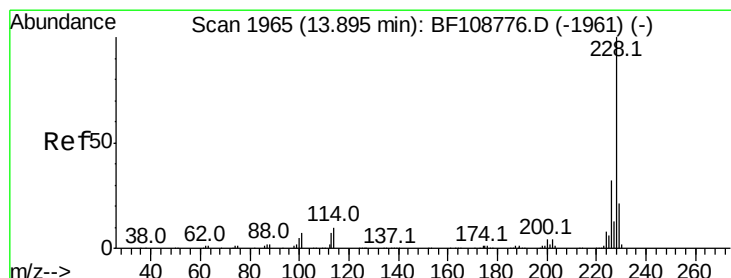
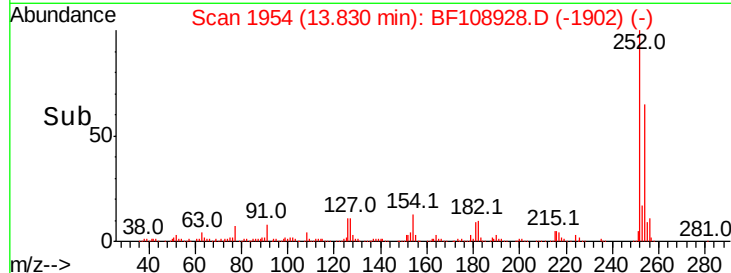
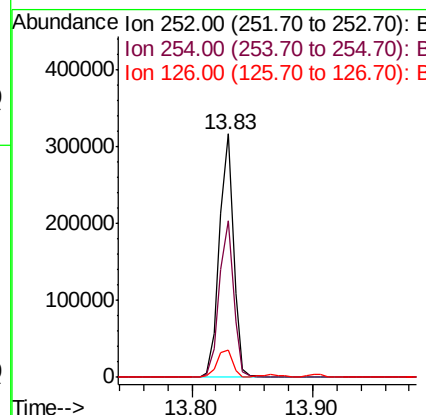
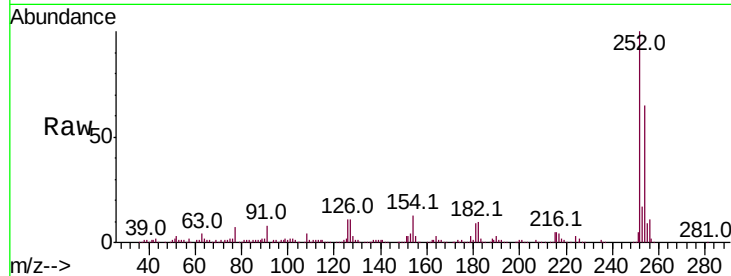
#81
 3,3'-Dichlorobenzidine
 Concen: 24.120 ng
 RT: 13.83 min Scan# 1954
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB112707BS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.5	50.4	75.6
126	11.1	11.3	16.9

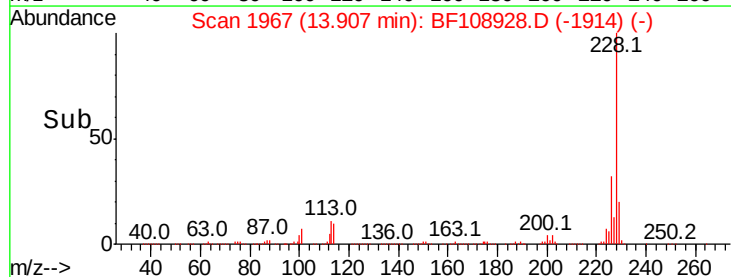
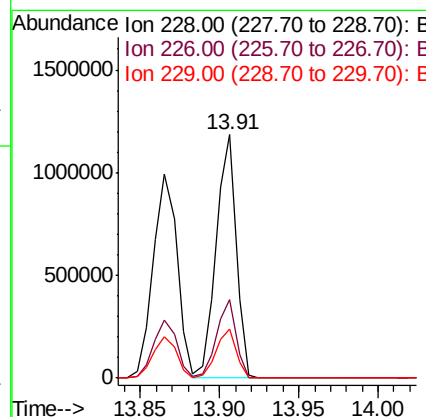
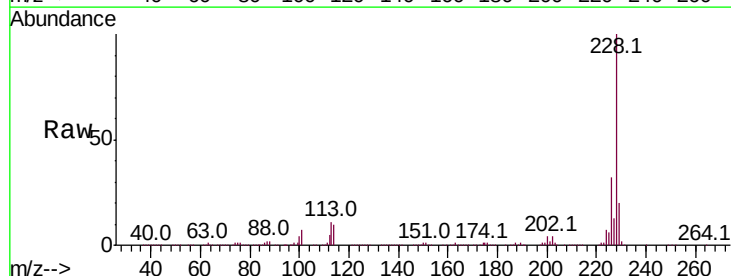
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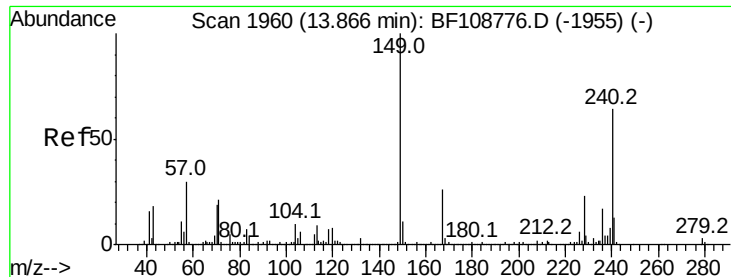
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#82
 Chrysene
 Concen: 39.814 ng
 RT: 13.91 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	32.4	25.0	37.6
229	20.3	16.2	24.4





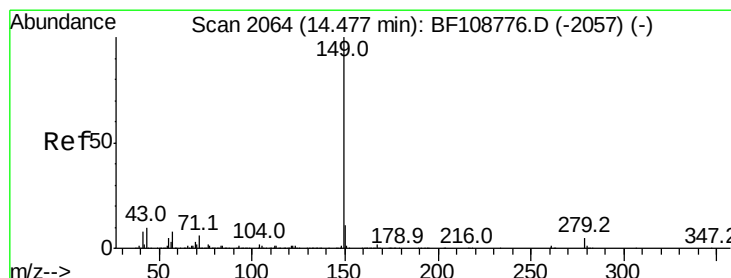
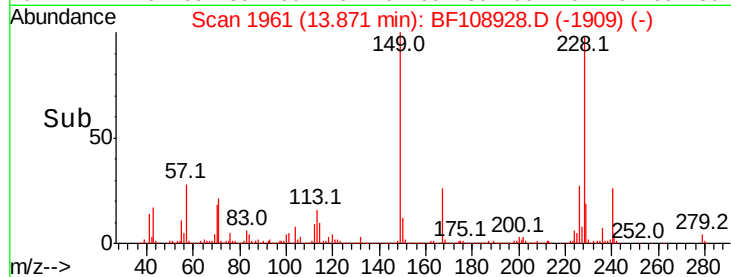
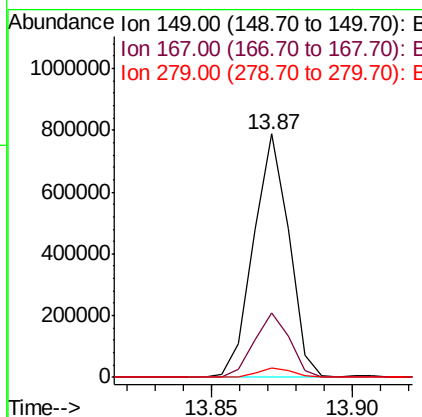
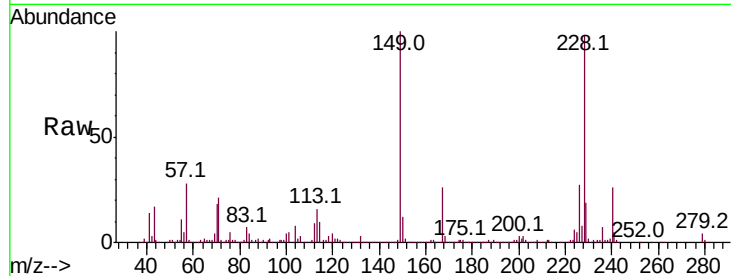
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.268 ng
 RT: 13.87 min Scan# 1961
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Instrument :
 BNA_F
 ClientSampled :
 PB112707BS

Tot Ion:	149	Resp:	686395
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.3	31.9
279	3.8	3.0	4.4

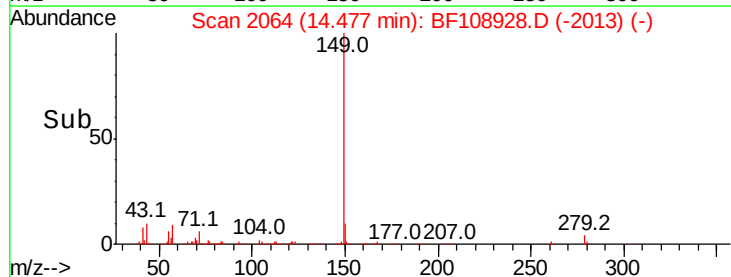
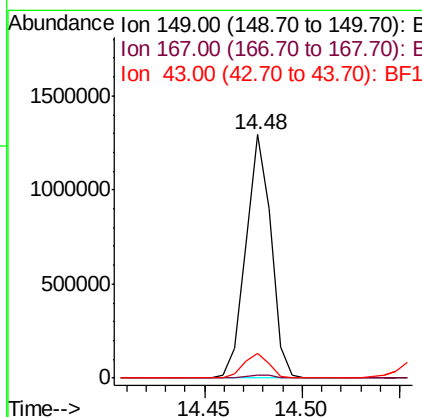
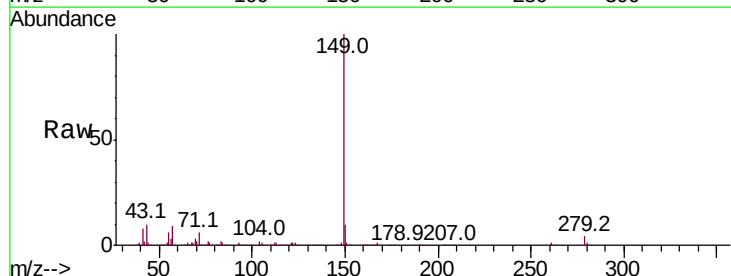
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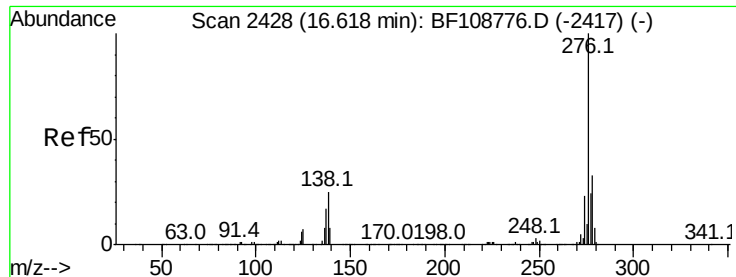
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#84
 Di-n-octyl phthalate
 Concen: 37.587 ng
 RT: 14.48 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Tgt Ion:	149	Resp:	1154134
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	10.4	8.4	12.6





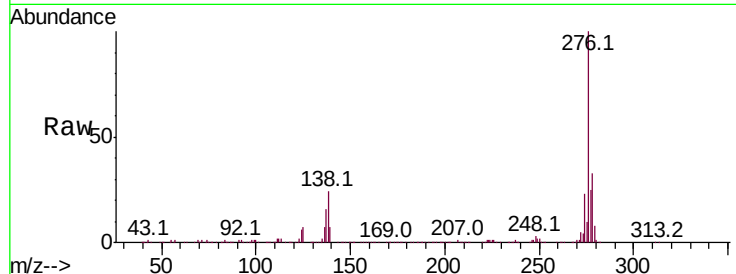
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.092 ng
 RT: 16.65 min Scan# 2433
 Delta R.T. 0.03 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB112707BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.4	25.0	37.6
277	25.1	20.1	30.1

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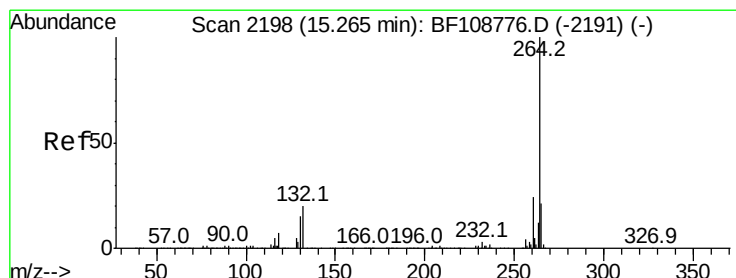
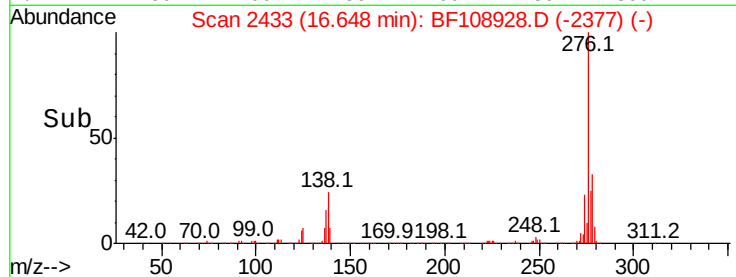
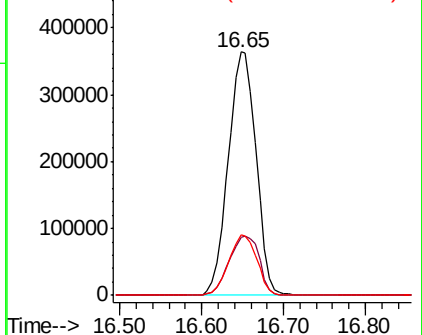


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2201
 Delta R.T. 0.02 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

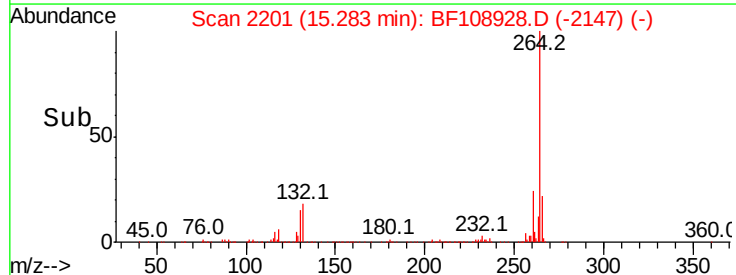
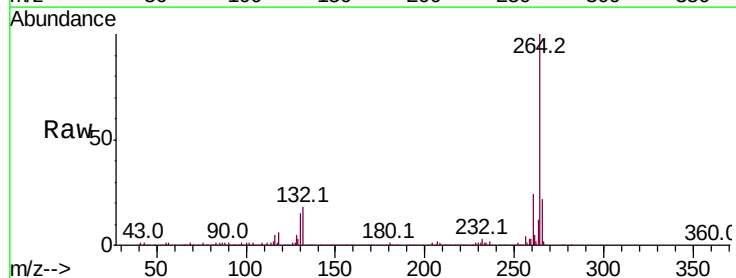
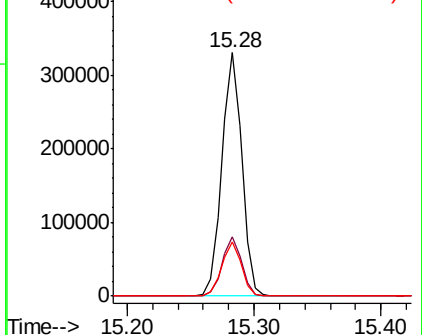
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.0	17.5	26.3

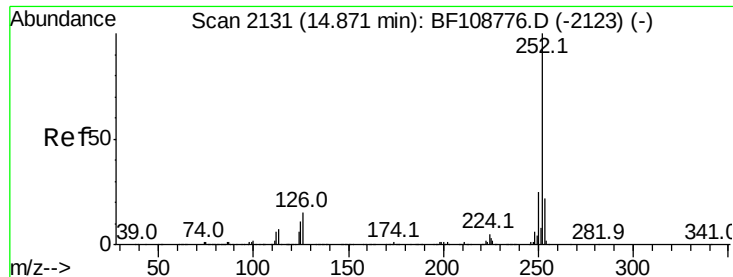
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 46.300 ng

RT: 14.89 min Scan# 2134

Delta R.T. 0.02 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Instrument :

BNA_F

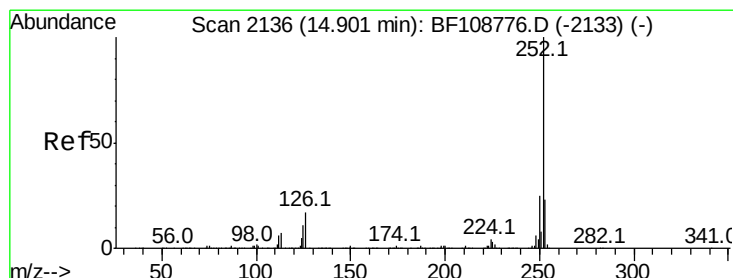
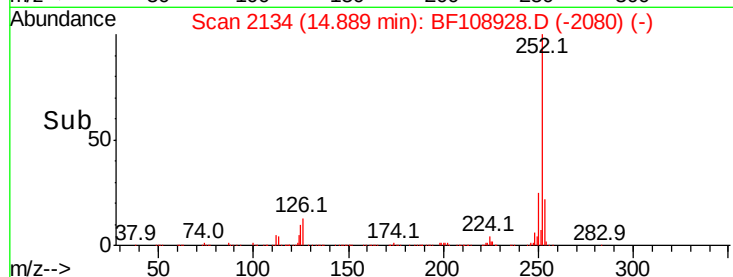
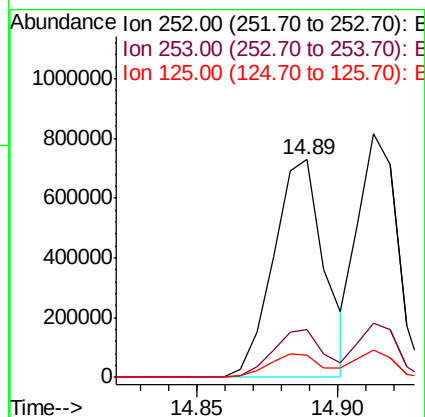
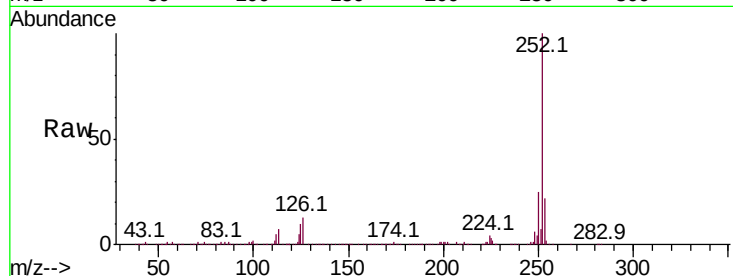
ClientSampleId :

PB112707BS

Tot Ion:	252	Resp:	913832
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.0	25.6
125	10.3	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 43.383 ng

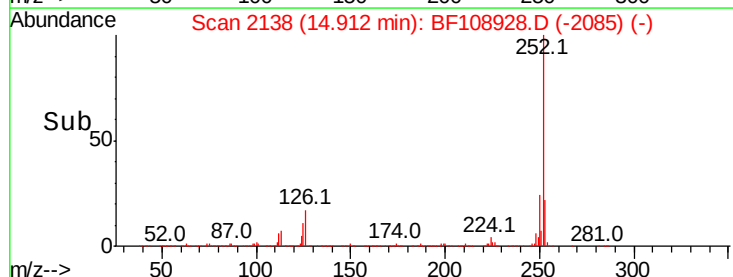
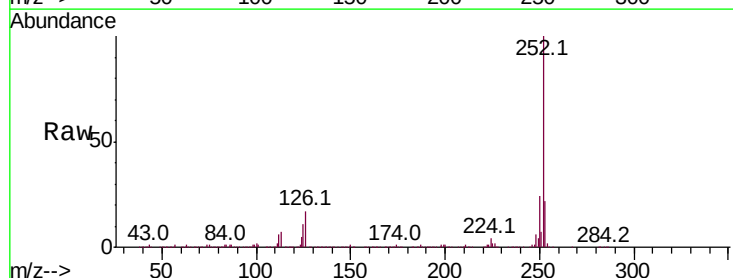
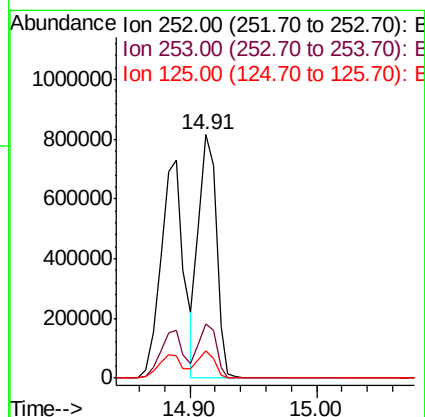
RT: 14.91 min Scan# 2138

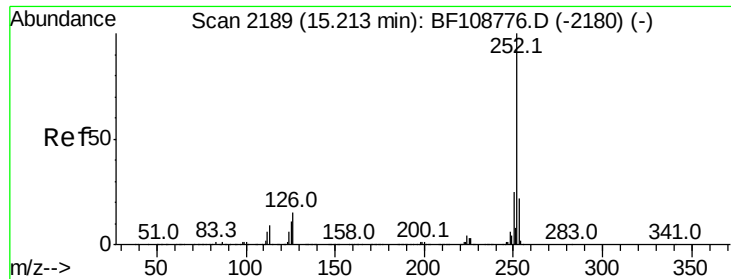
Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Tgt Ion:	252	Resp:	788522
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.9	26.9
125	11.1	10.2	15.2





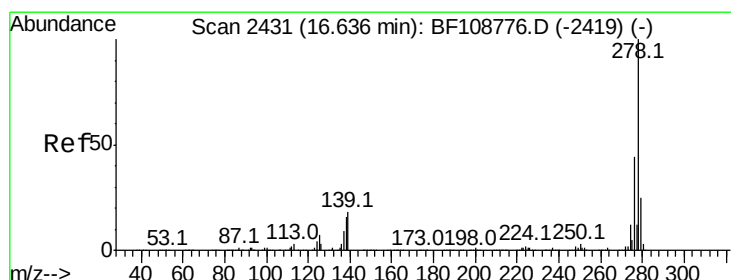
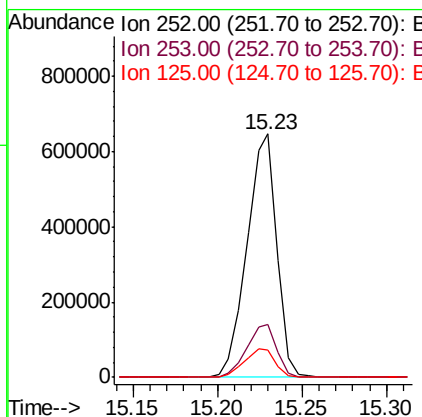
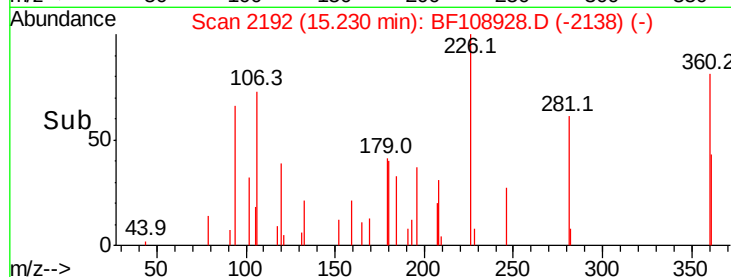
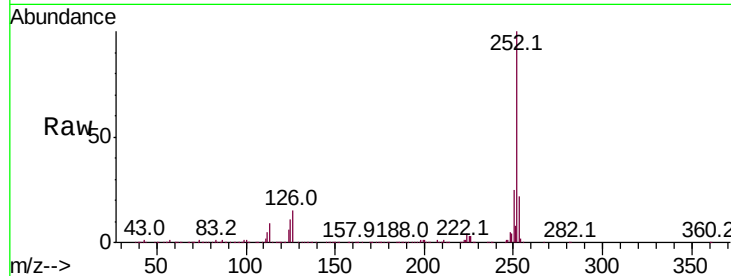
#89
Benzo(a)pyrene
Concen: 44.673 ng
RT: 15.23 min Scan# 2192
Delta R.T. 0.02 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Instrument :
BNA_F
ClientSampleId :
PB112707BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	11.0	9.8	14.6

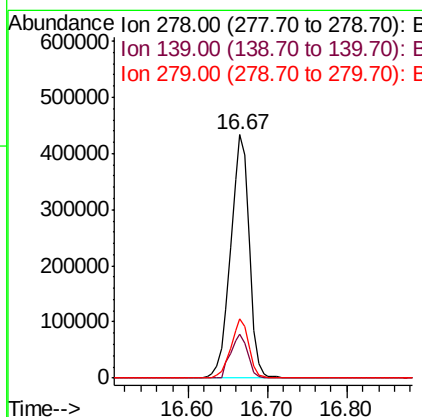
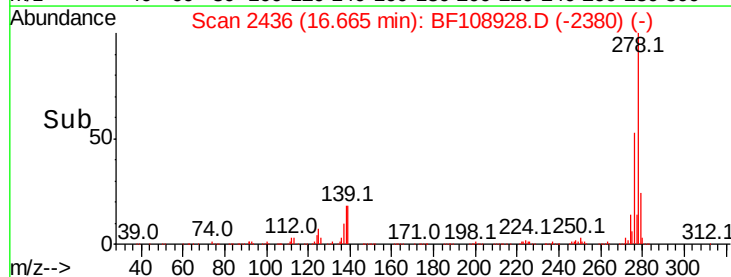
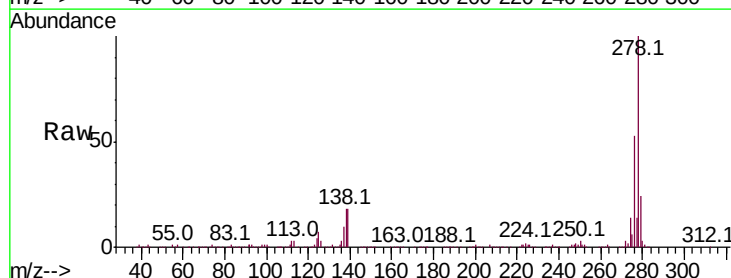
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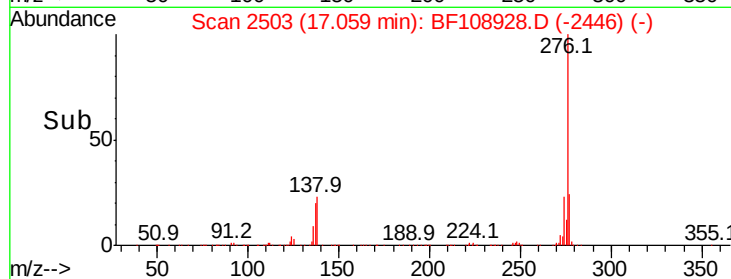
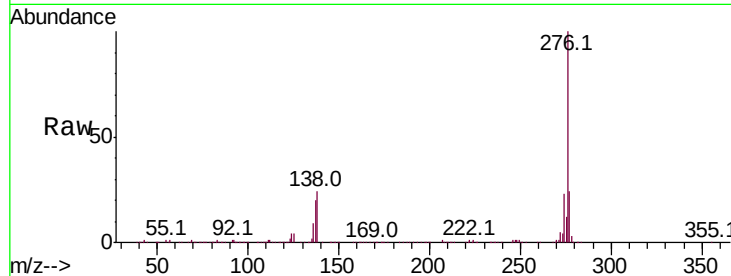
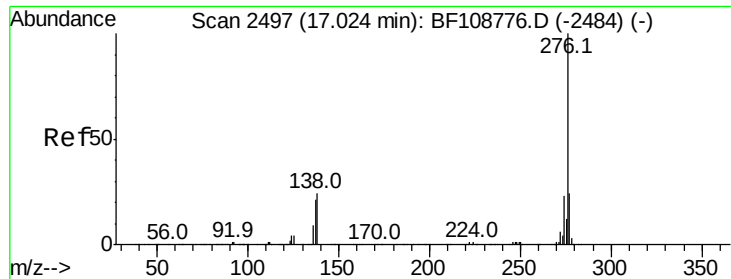
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#90
Dibenzo(a,h)anthracene
Concen: 44.891 ng
RT: 16.67 min Scan# 2436
Delta R.T. 0.03 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	15.9	23.9
279	24.3	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 47.756 ng

RT: 17.06 min Scan# 2503

Delta R.T. 0.04 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Tot Ion:	276	Resp:	750350
Ion Ratio	Lower	Upper	
276	100		
277	23.8	17.9	26.9
138	23.5	21.8	32.8

Instrument :

BNA_F

ClientSampleId :

PB112707BS

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