

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
 Data File : BF108932.D
 Acq On : 11 Sep 2018 13:49
 Operator : JU/SJ
 Sample : PB112758BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112758BS

Manual Integrations
 APPROVED

Sohil
 9/12/2018 9:11:49 AM

Quant Time: Sep 11 15:08:52 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	173132	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	710989	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	345264	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	663158	20.00	ng	0.00
75) Chrysene-d12	13.88	240	441124	20.00	ng	0.01
86) Perylene-d12	15.28	264	376263	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1077946	103.15	ng	0.02
7) Phenol-d6	6.38	99	1385606	103.05	ng	0.01
23) Nitrobenzene-d5	7.30	82	871189	76.68	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	371634	112.75	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1586255	78.38	ng	0.00
78) Terphenyl-d14	12.83	244	1559720	82.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	189579	37.746	ng	92
3) Pyridine	3.22	79	523965	38.094	ng	91
4) n-Nitrosodimethylamine	3.15	42	226632	42.899	ng	91
6) Aniline	6.40	93	563818	31.176	ng	98
8) 2-Chlorophenol	6.52	128	476772	41.216	ng	100
9) Benzaldehyde	6.28	77	262822	27.552	ng	99
10) Phenol	6.39	94	594619	38.609	ng	83
11) bis(2-Chloroethyl)ether	6.48	93	470801	38.160	ng	96
12) 1,3-Dichlorobenzene	6.68	146	517424	39.198	ng	99
13) 1,4-Dichlorobenzene	6.75	146	519316	39.340	ng	99
14) 1,2-Dichlorobenzene	6.91	146	485938	39.937	ng	97
15) Benzyl Alcohol	6.88	79	409245	39.659	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	714890	38.764	ng	95
17) 2-Methylphenol	7.00	107	407711	41.707	ng	98
18) Hexachloroethane	7.25	117	194219	40.804	ng	99
19) n-Nitroso-di-n-propylamine	7.16	70	340933	36.477	ng	96
20) 3+4-Methylphenols	7.15	107	460241	40.191	ng	# 65
22) Acetophenone	7.15	105	642738	39.833	ng	# 91
24) Nitrobenzene	7.32	77	519339	42.603	ng	99
25) Isophorone	7.56	82	961176	42.414	ng	97
26) 2-Nitrophenol	7.64	139	245517	51.122	ng	100
27) 2,4-Dimethylphenol	7.68	122	439553	45.071	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	607750	40.112	ng	99
29) 2,4-Dichlorophenol	7.88	162	415791	41.347	ng	98
30) 1,2,4-Trichlorobenzene	7.97	180	422840	38.799	ng	97
31) Naphthalene	8.04	128	1369575	42.816	ng	99
32) Benzoic acid	7.81	122	244410	39.852	ng	98
33) 4-Chloroaniline	8.09	127	382654	26.047	ng	98
34) Hexachlorobutadiene	8.17	225	253084	38.873	ng	99
35) Caprolactam	8.46	113	134247m	39.397	ng	
36) 4-Chloro-3-methylphenol	8.58	107	423003	39.486	ng	97
37) 2-Methylnaphthalene	8.74	142	919763	43.524	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	399082	38.667	ng	99
40) Hexachlorocyclopentadiene	8.90	237	498523	96.013	ng	99

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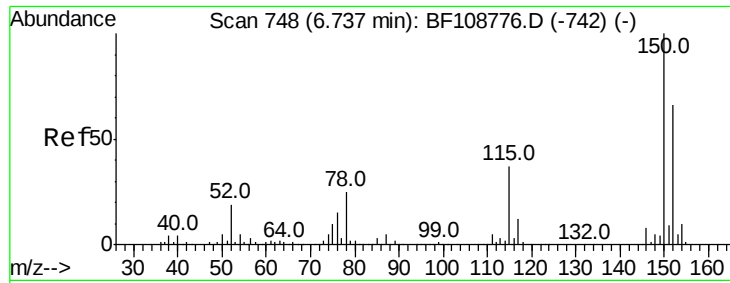
Manual Integrations
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Quant Time: Sep 11 15:08:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	292135	41.556	nq	99
43) 2,4,5-Trichlorophenol	9.05	196	314205	43.119	nq	94
45) 1,1'-Biphenyl	9.20	154	1086193	40.864	nq	99
46) 2-Chloronaphthalene	9.22	162	846052	39.357	nq	100
47) 2-Nitroaniline	9.31	65	269497	45.890	nq	98
48) Acenaphthylene	9.64	152	1354890	42.283	nq	99
49) Dimethylphthalate	9.50	163	986556	40.853	nq	99
50) 2,6-Dinitrotoluene	9.55	165	220624	47.946	nq	95
51) Acenaphthene	9.81	154	818353	41.271	nq	98
52) 3-Nitroaniline	9.72	138	180644	32.979	nq	95
53) 2,4-Dinitrophenol	9.83	184	181875	104.389	nq	# 20
54) Dibenzofuran	9.98	168	1165352	40.318	nq	98
55) 4-Nitrophenol	9.89	139	368569	90.006	nq	99
56) 2,4-Dinitrotoluene	9.96	165	295406	50.199	nq	# 94
57) Fluorene	10.32	166	858136	46.264	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	265612	45.200	nq	87
59) Diethylphthalate	10.20	149	977380	39.219	nq	96
60) 4-Chlorophenyl-phenylether	10.31	204	411008	41.490	nq	93
61) 4-Nitroaniline	10.33	138	235756	47.510	nq	97
62) Azobenzene	10.47	77	1015300	39.469	nq	96
64) 4,6-Dinitro-2-methylphenol	10.37	198	119688	46.196	nq	89
65) n-Nitrosodiphenylamine	10.43	169	851885	38.637	nq	95
66) 4-Bromophenyl-phenylether	10.80	248	284858	38.031	nq	# 84
67) Hexachlorobenzene	10.87	284	299729	37.487	nq	# 87
68) Atrazine	10.96	200	276064	39.111	nq	95
69) Pentachlorophenol	11.06	266	339407	69.432	nq	98
70) Phenanthrene	11.28	178	1315310	41.533	nq	99
71) Anthracene	11.32	178	1369320	45.161	nq	100
72) Carbazole	11.48	167	1220035	38.207	nq	99
73) Di-n-butylphthalate	11.82	149	1482841	41.817	nq	100
74) Fluoranthene	12.45	202	1377819	43.942	nq	98
76) Benzidine	12.57	184	605707	28.971	nq	99
77) Pyrene	12.68	202	1385348	40.813	nq	98
79) Butylbenzylphthalate	13.31	149	604495	39.546	nq	97
80) Benzo(a)anthracene	13.87	228	1067466	37.753	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	278182	25.253	nq	# 95
82) Chrysene	13.90	228	1069659	39.079	nq	100
83) Bis(2-ethylhexyl)phthalate	13.87	149	705190	36.710	nq	100
84) Di-n-octyl phthalate	14.48	149	1195922	37.342	nq	99
85) Indeno(1,2,3-cd)pyrene	16.65	276	898086	37.074	nq	95
87) Benzo(b)fluoranthene	14.88	252	890155	43.508	nq	98
88) Benzo(k)fluoranthene	14.91	252	871194	46.239	nq	98
89) Benzo(a)pyrene	15.22	252	822489	44.553	nq	98
90) Dibenzo(a,h)anthracene	16.67	278	736753	45.292	nq	96
91) Benzo(g,h,i)perylene	17.06	276	786580	48.294	nq	93

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



#1

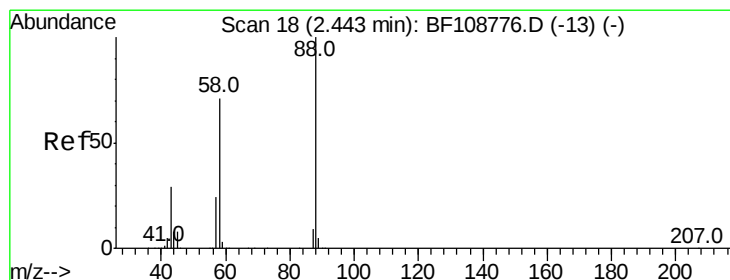
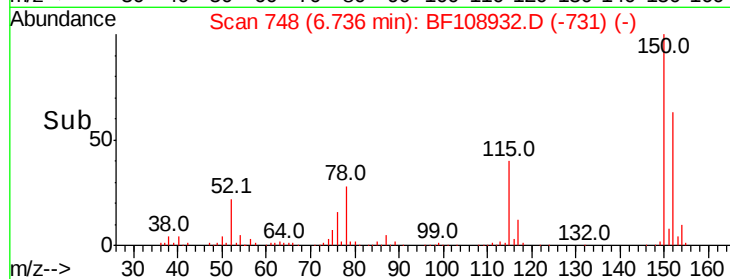
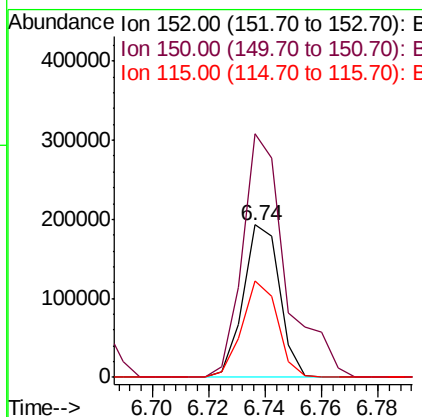
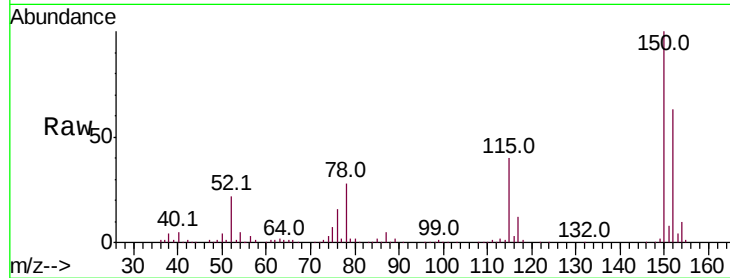
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :
PB112758BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.6	186.8
115	63.4	50.1	75.1

Manual Integrations
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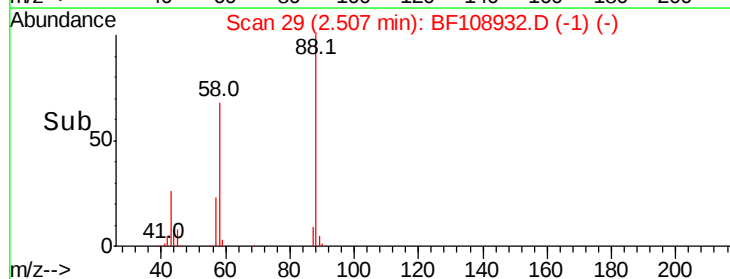
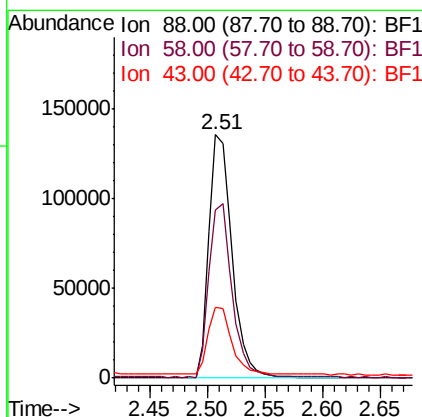
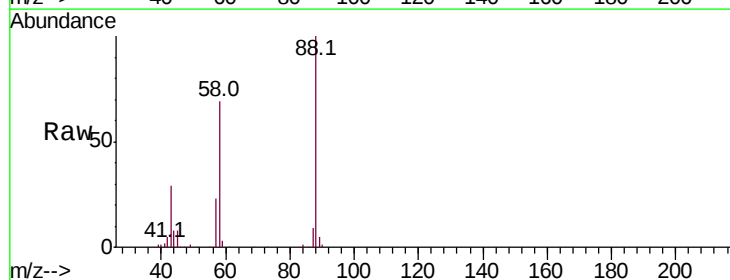
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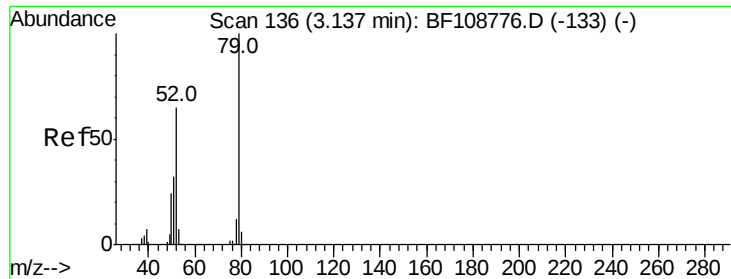


#2

1,4-Dioxane
Concen: 37.746 ng
RT: 2.51 min Scan# 29
Delta R.T. 0.06 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.5	62.6	93.8
43	28.2	24.6	37.0





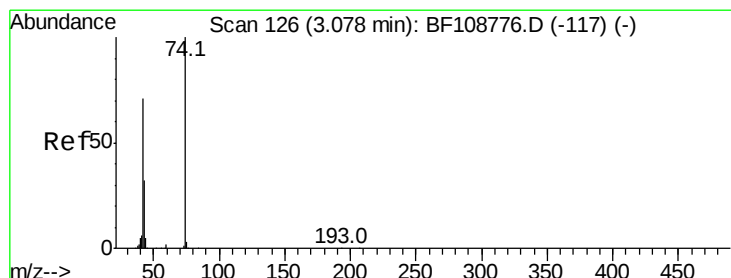
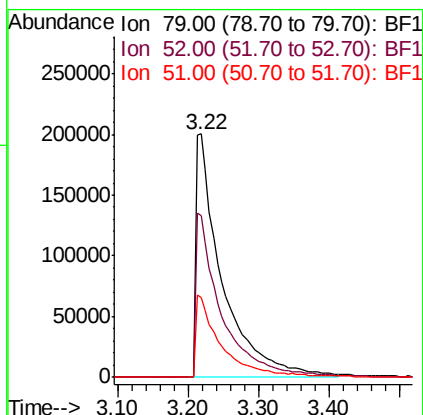
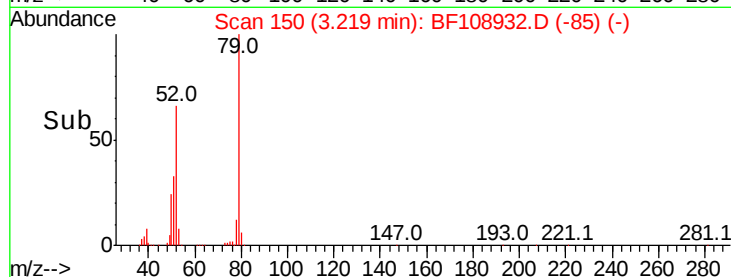
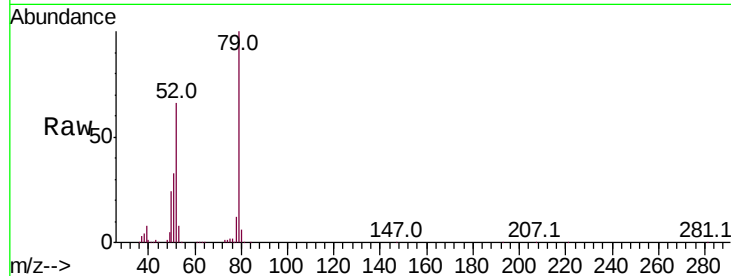
#3
Pvridine
Concen: 38.094 ng
RT: 3.22 min Scan# 150
Delta R.T. 0.08 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Instrument :
BNA_F
ClientSampled :
PB112758BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	66.2	59.8	89.6
51	32.7	29.8	44.8

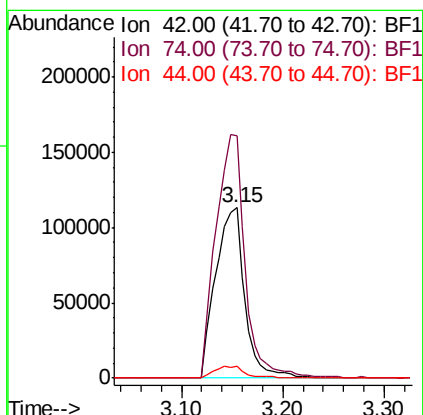
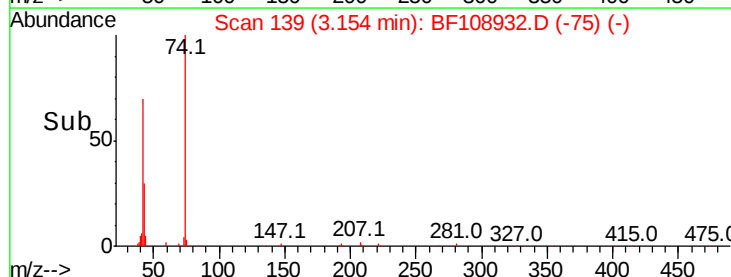
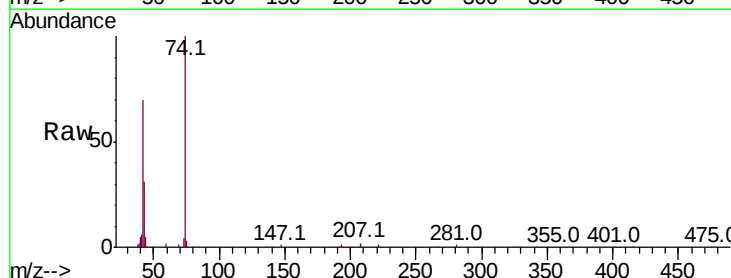
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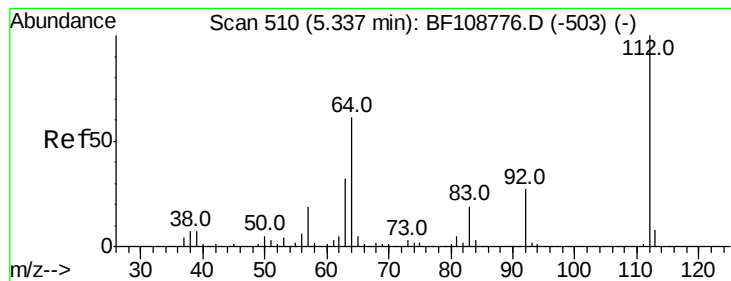
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#4
n-Nitrosodimethylamine
Concen: 42.899 ng
RT: 3.15 min Scan# 139
Delta R.T. 0.08 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion	Ratio	Lower	Upper
42	100		
74	142.5	104.9	157.3
44	7.2	6.9	10.3





#5

2-Fluorophenol

Concen: 103.147 ng

RT: 5.36 min Scan# 514

Delta R.T. 0.02 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

Instrument :

BNA_F

ClientSampled :

PB112758BS

Tot Ion: 112 Resp: 1077946

Ion Ratio Lower Upper

112 100

64 59.8 47.9 71.9

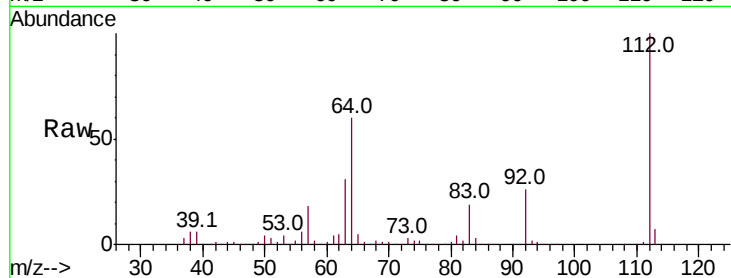
63 30.8 23.7 35.5

Manual Integrations

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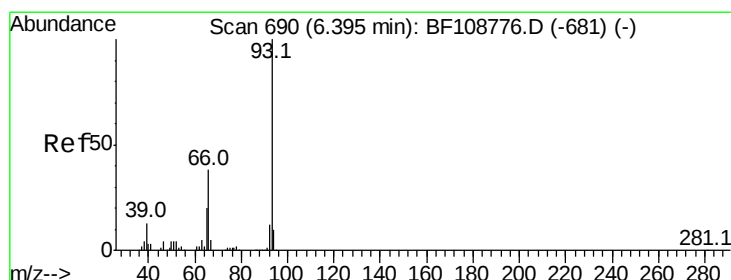
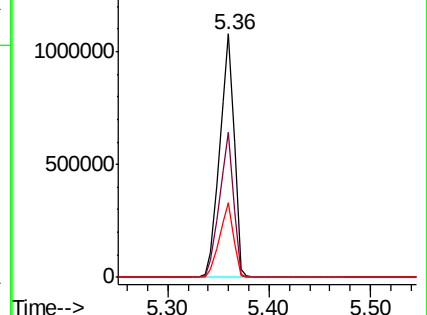
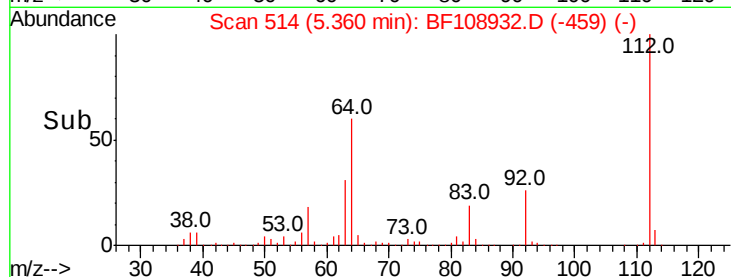
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.176 ng

RT: 6.40 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

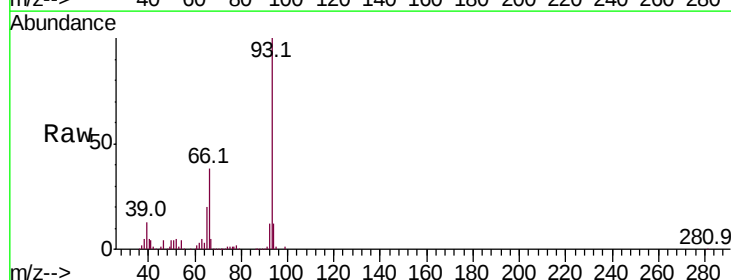
Tgt Ion: 93 Resp: 563818

Ion Ratio Lower Upper

93 100

66 38.4 32.2 48.2

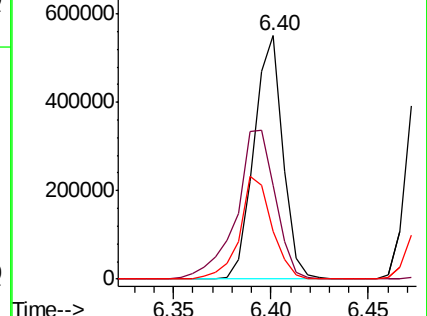
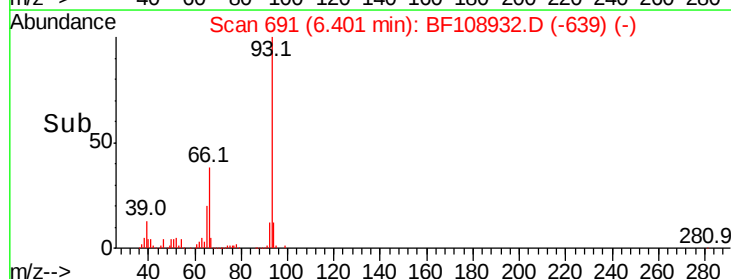
65 19.8 16.4 24.6

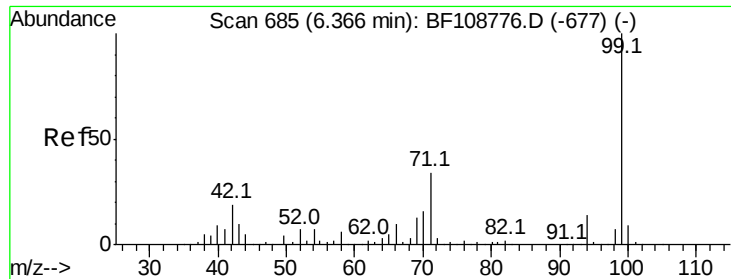


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 103.047 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

Instrument :

BNA_F

ClientSampled :

PB112758BS

Tot Ion: 99 Resp: 1385606

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

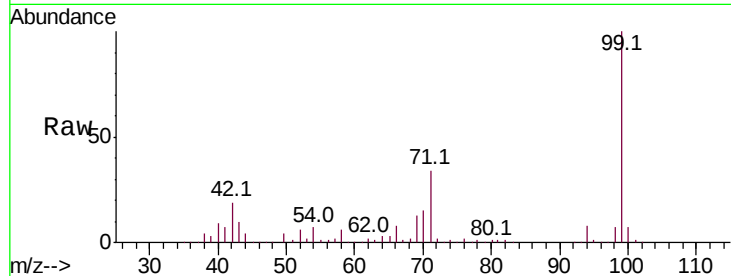
71 33.9 25.4 38.0

Manual Integrations

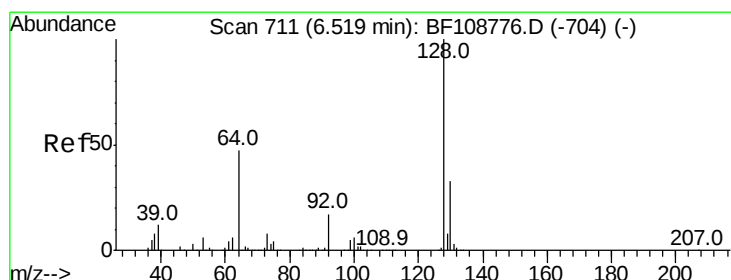
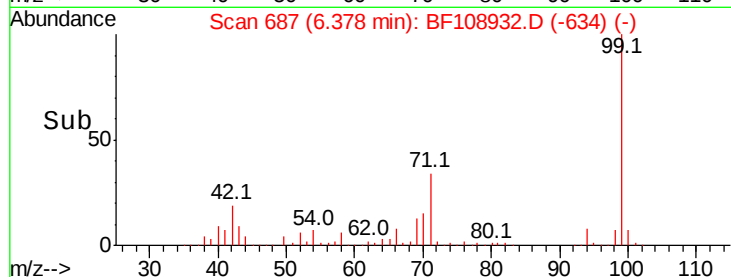
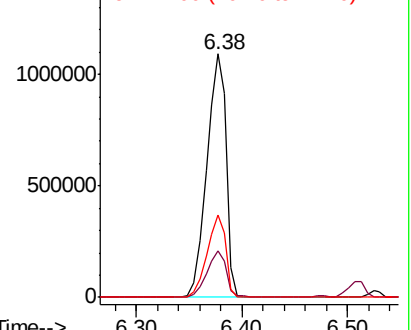
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.216 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

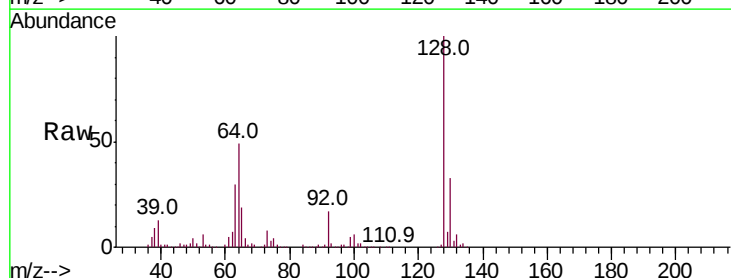
Tgt Ion: 128 Resp: 476772

Ion Ratio Lower Upper

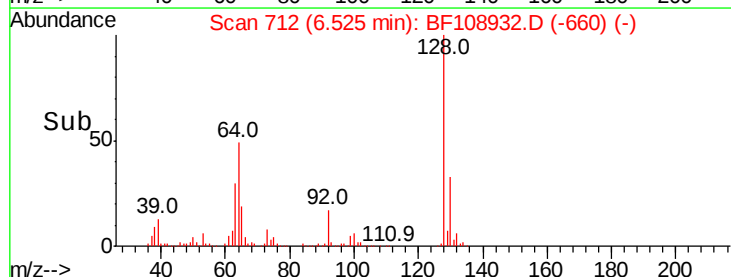
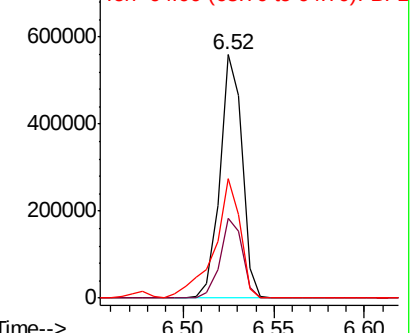
128 100

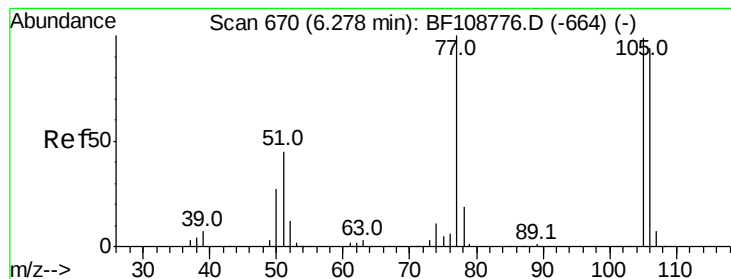
130 33.0 13.0 53.0

64 49.0 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: 27.552 ng

RT: 6.28 min Scan# 671

Delta R.T. 0.01 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

Instrument :

BNA_F

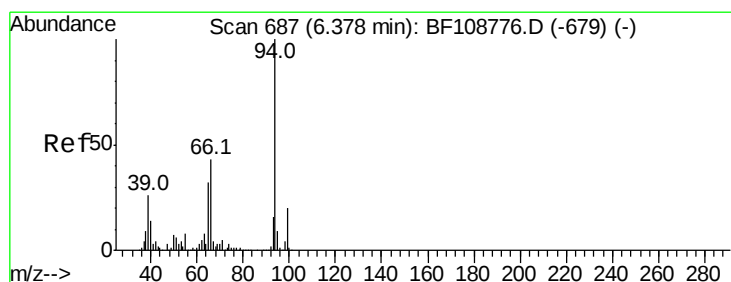
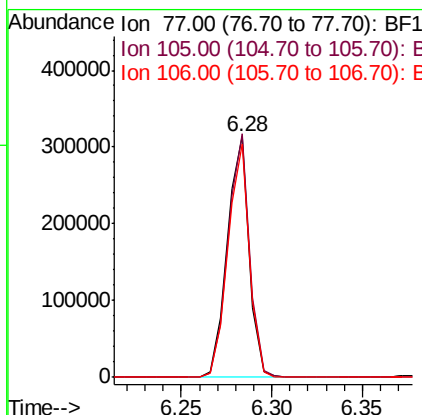
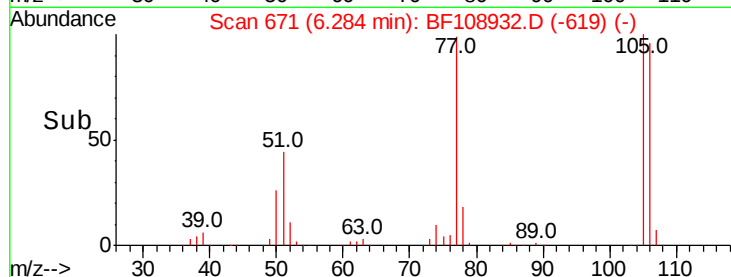
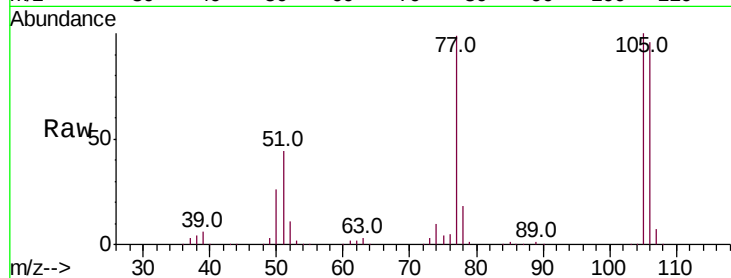
ClientSampleId :

PB112758BS

Tot Ion:	77	Resp:	262822
Ion Ratio	Lower	Upper	
77	100		
105	101.2	81.1	121.1
106	97.0	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 38.609 ng

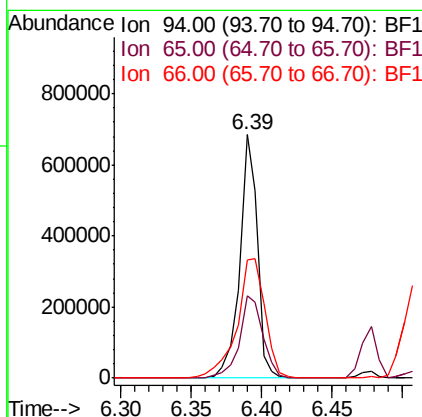
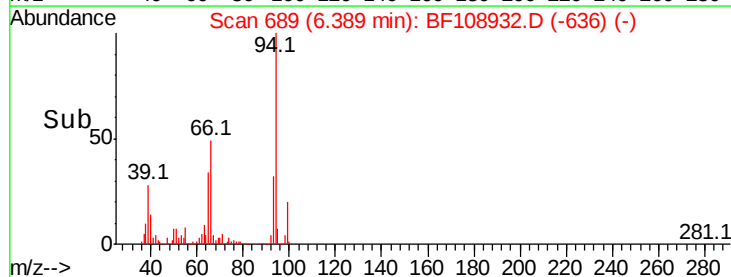
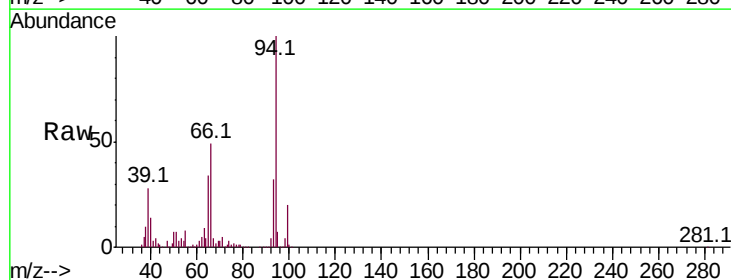
RT: 6.39 min Scan# 689

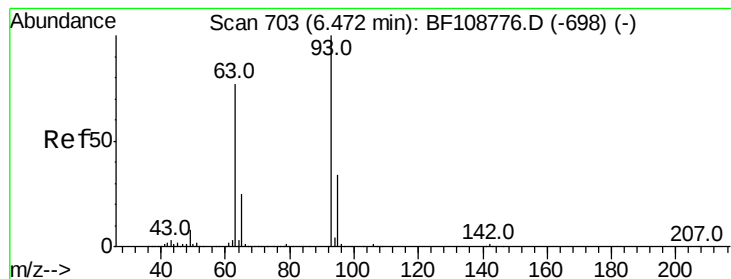
Delta R.T. 0.01 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

Tgt Ion:	94	Resp:	594619
Ion Ratio	Lower	Upper	
94	100		
65	33.8	7.9	47.9
66	48.6	16.2	56.2





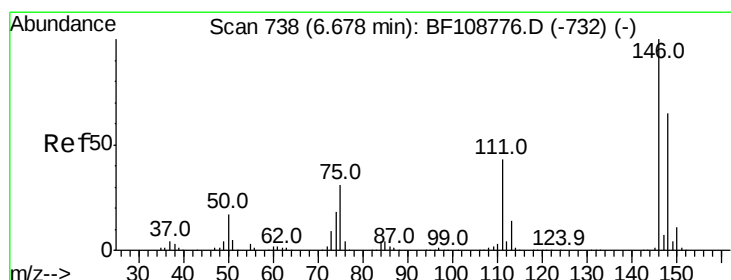
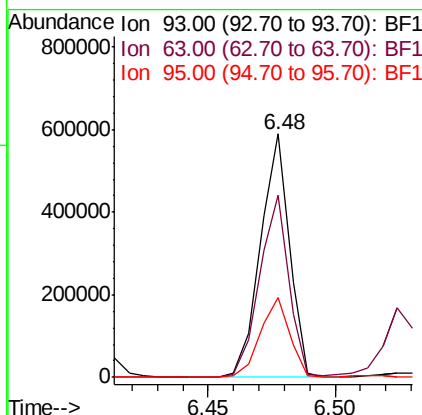
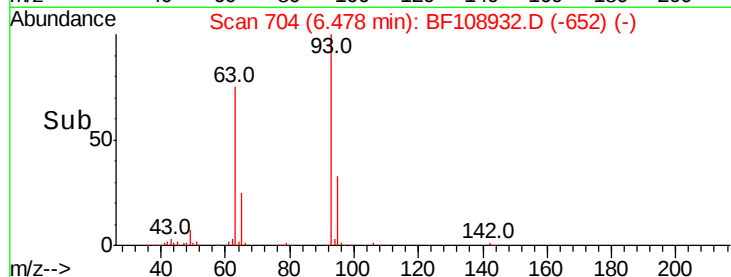
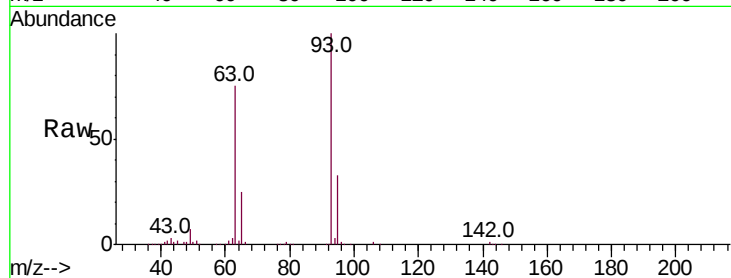
#11
bis(2-Chloroethyl)ether
Concen: 38.160 ng
RT: 6.48 min Scan# 704
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :
PB112758BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.8	58.6	98.6
95	32.9	11.8	51.8

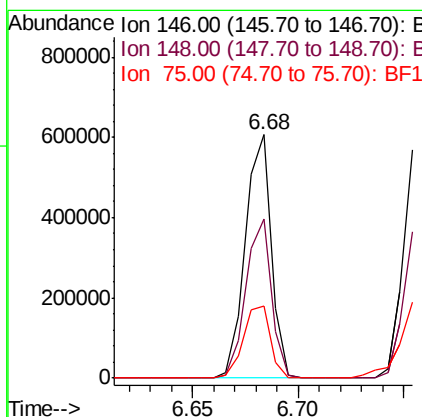
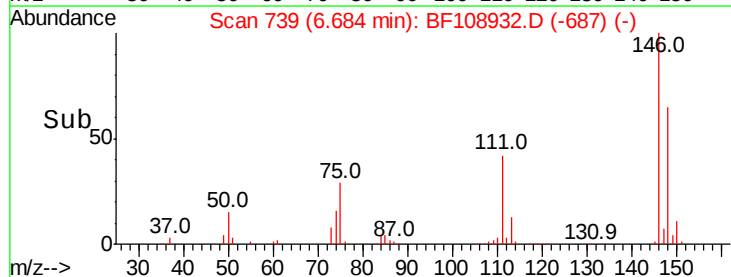
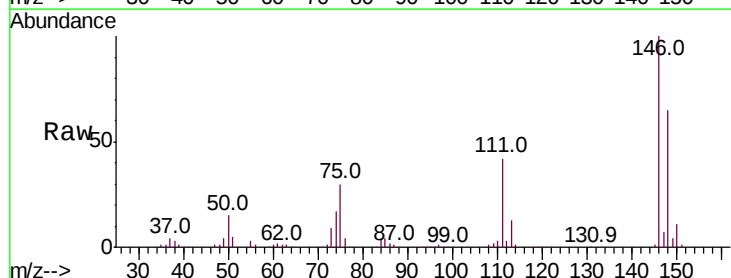
Manual Integrations
APPROVED

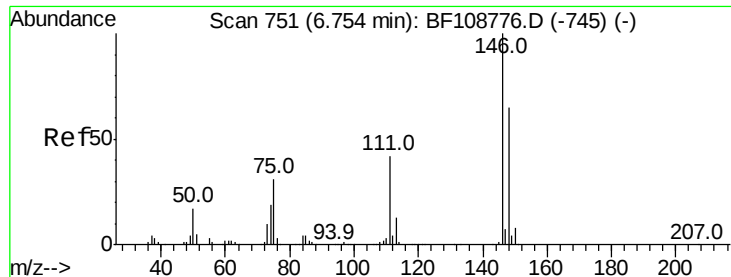
Sohil
9/12/2018 9:11:49 AM



#12
1,3-Dichlorobenzene
Concen: 39.198 ng
RT: 6.68 min Scan# 739
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.8	77.8
75	29.7	24.2	36.4





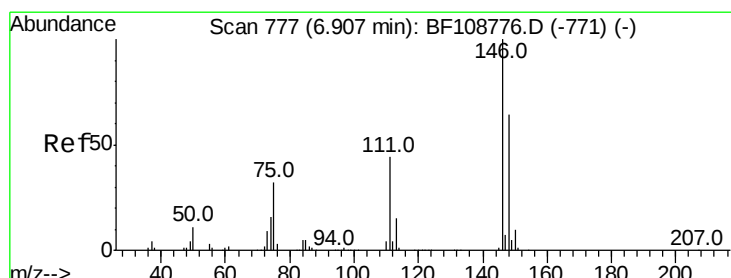
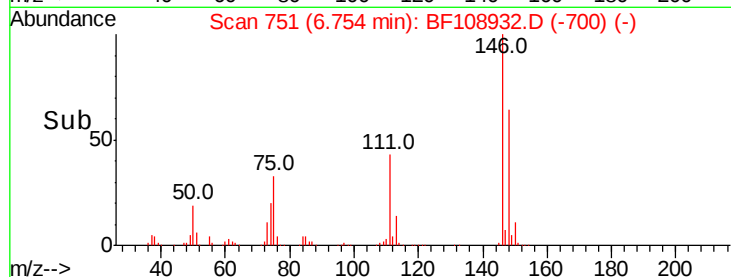
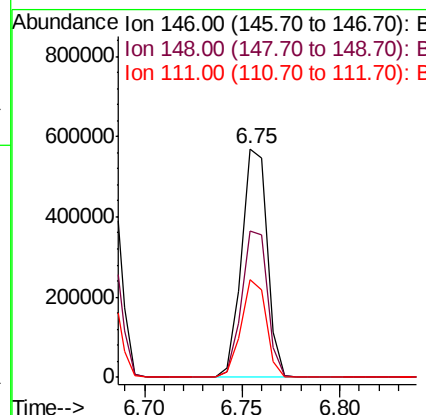
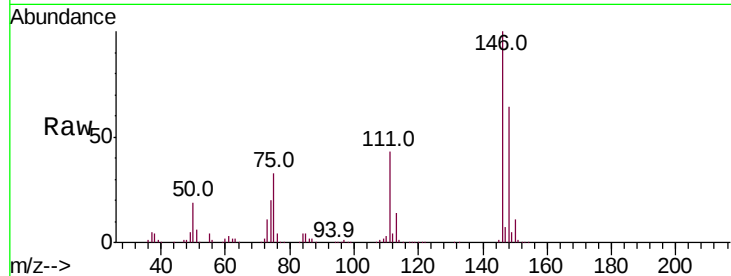
#13
 1,4-Dichlorobenzene
 Concen: 39.340 ng
 RT: 6.75 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB112758BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	519316		
148	64.4		50.8	76.2
111	42.7		34.2	51.2

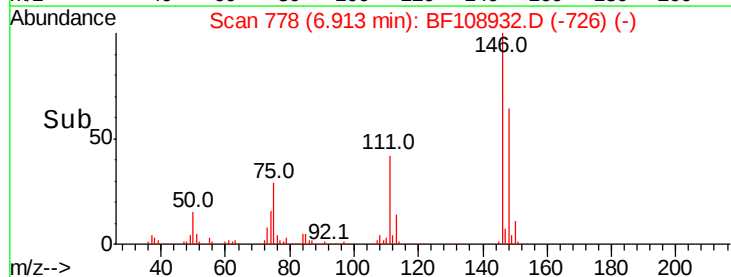
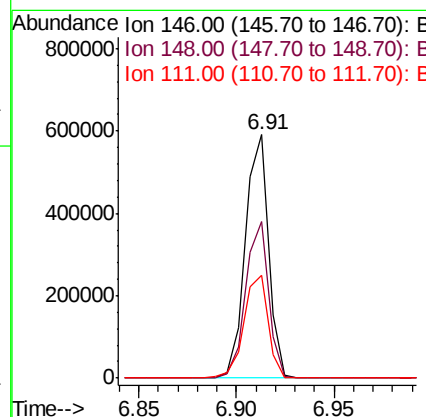
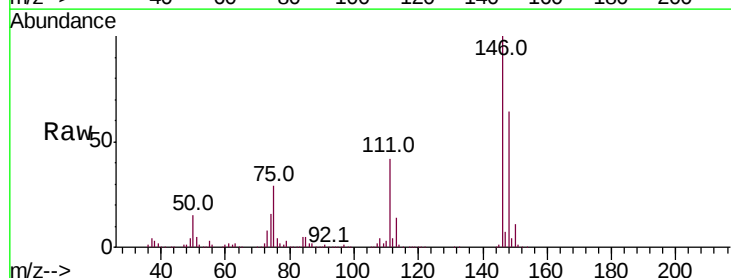
Manual Integrations
 APPROVED

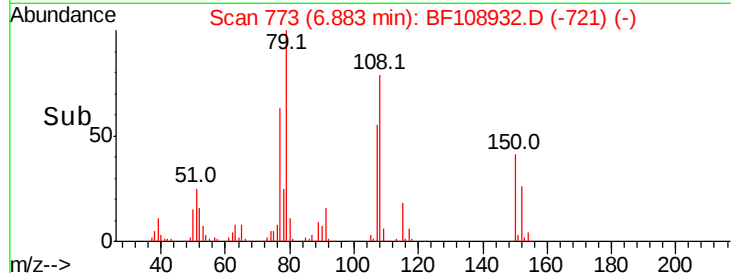
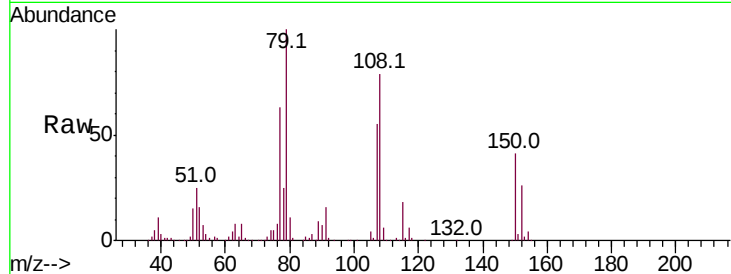
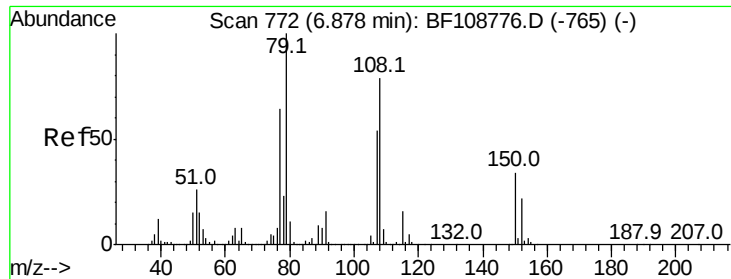
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#14
 1,2-Dichlorobenzene
 Concen: 39.937 ng
 RT: 6.91 min Scan# 778
 Delta R.T. 0.01 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	485938		
148	64.4		50.6	75.8
111	42.3		36.0	54.0





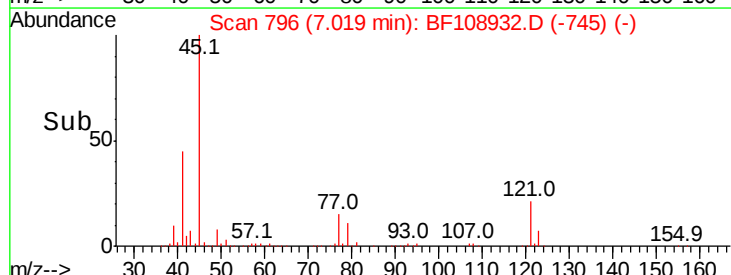
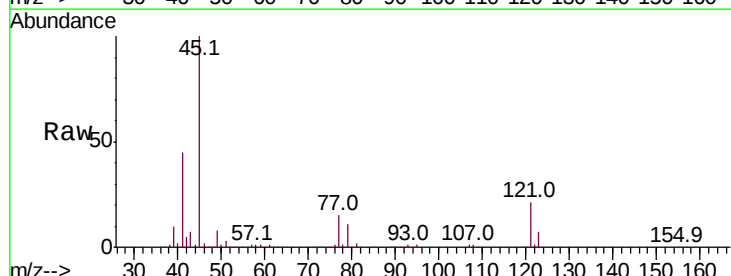
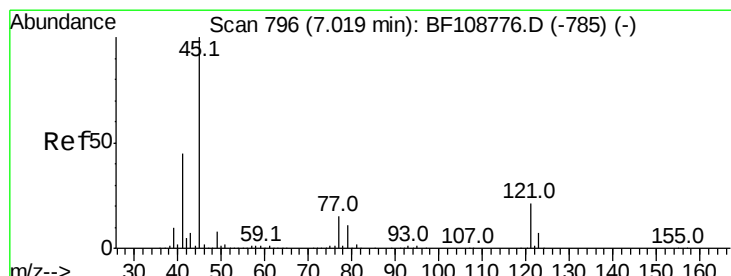
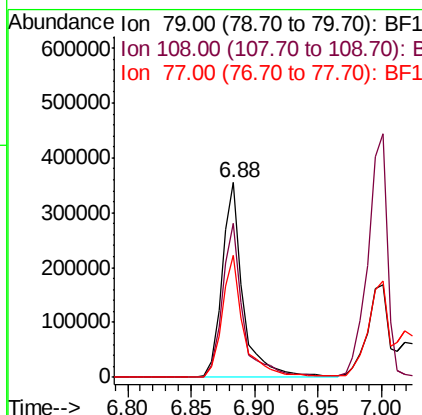
#15
Benzyl Alcohol
Concen: 39.659 ng
RT: 6.88 min Scan# 773
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	79.2	65.1	97.7	
77	63.0	50.6	75.8	

Instrument :
BNA_F
ClientSampleId :
PB112758BS

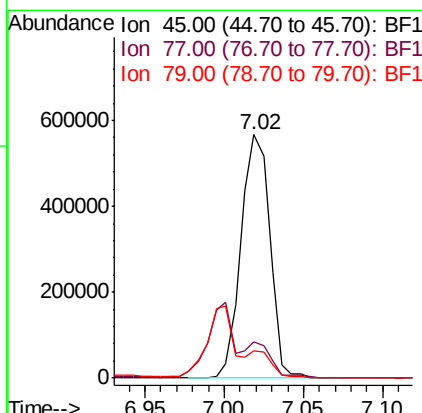
Manual Integrations
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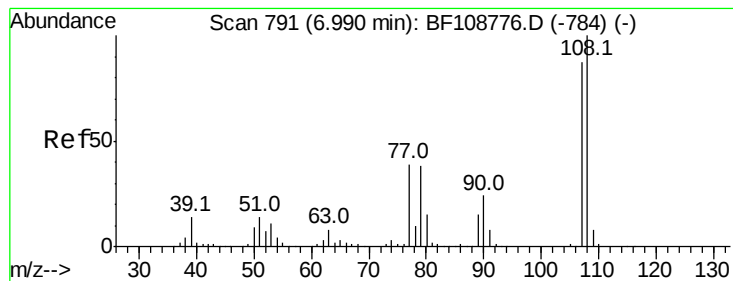
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.764 ng
RT: 7.02 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	14.8	0.0	32.9	
79	11.2	0.0	29.6	





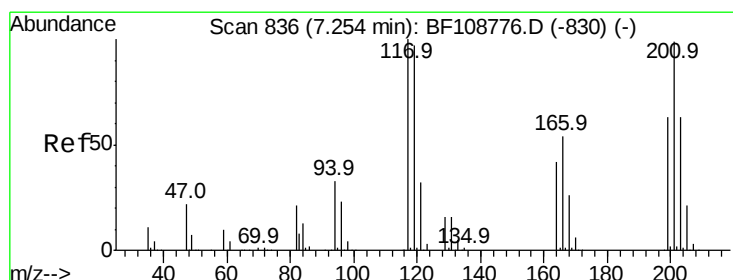
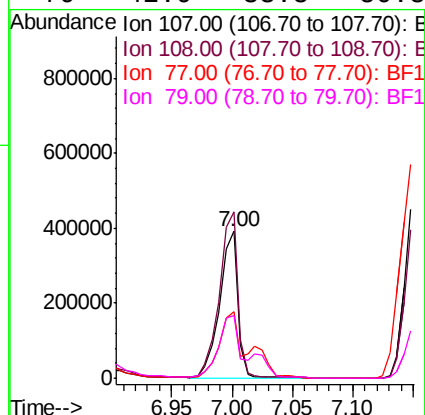
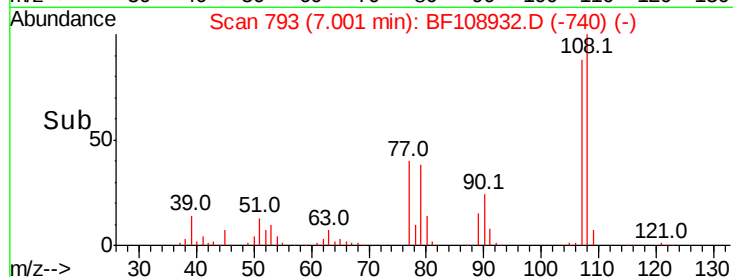
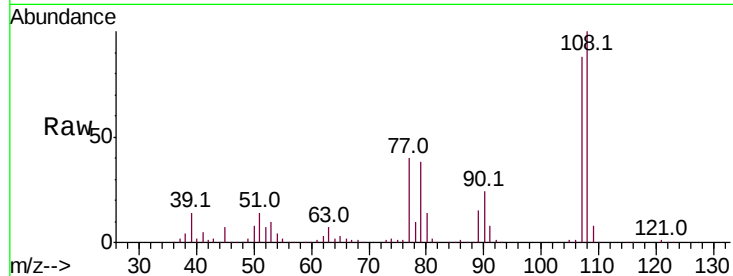
#17
2-Methylphenol
Concen: 41.707 ng
RT: 7.00 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :
PB112758BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	407711		
108	108.00	113.4		91.7	137.5
77	77.00	45.0		33.8	50.8
79	79.00	42.9		33.8	50.8

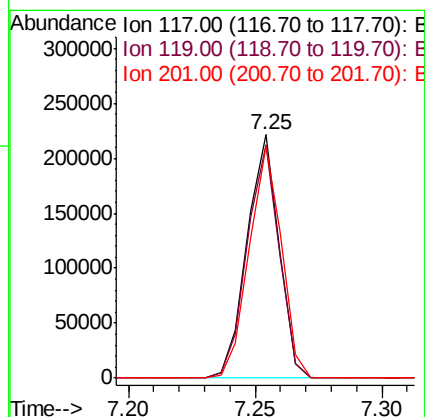
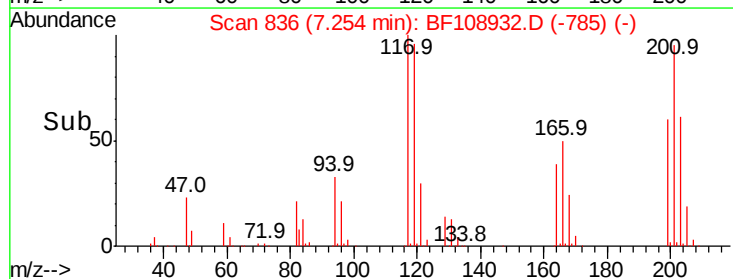
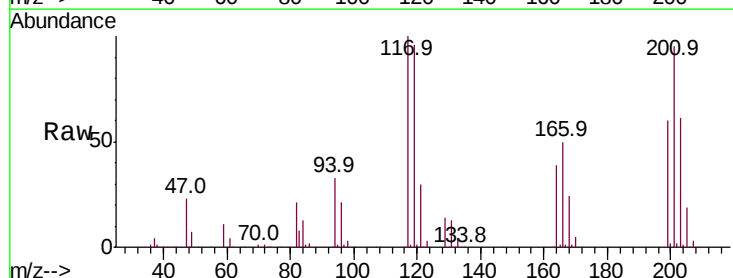
Manual Integrations
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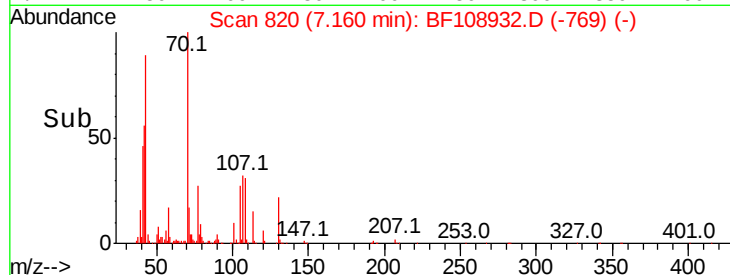
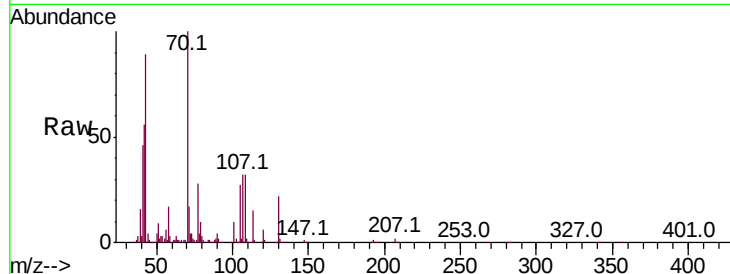
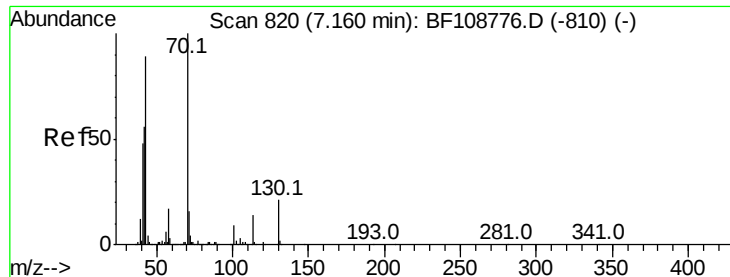
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#18
Hexachloroethane
Concen: 40.804 ng
RT: 7.25 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	194219		
119	119.00	95.8		75.8	113.8
201	201.00	95.3		75.7	113.5





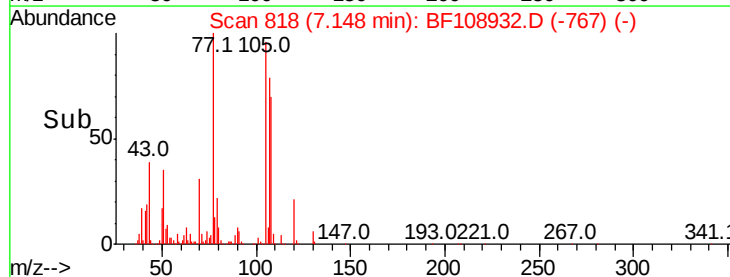
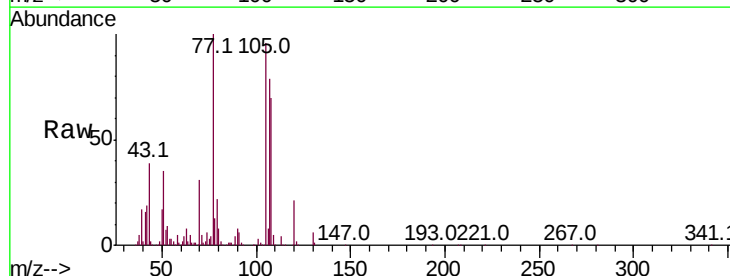
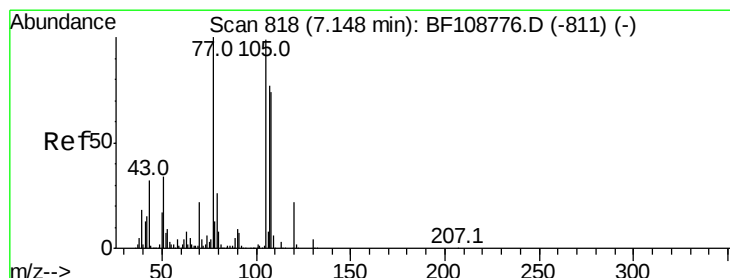
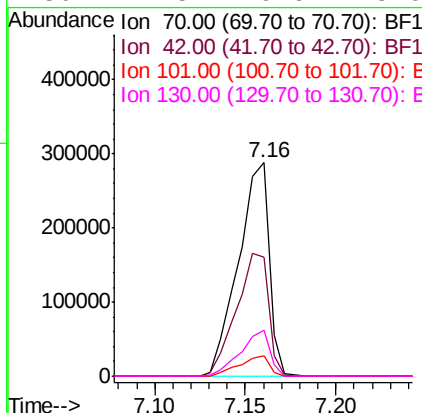
#19
n-Nitroso-di-n-propylamine
Concen: 36.477 ng
RT: 7.16 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :
PB112758BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	55.6	47.5	71.3		
101	9.5	7.4	11.2		
130	21.5	16.6	25.0		

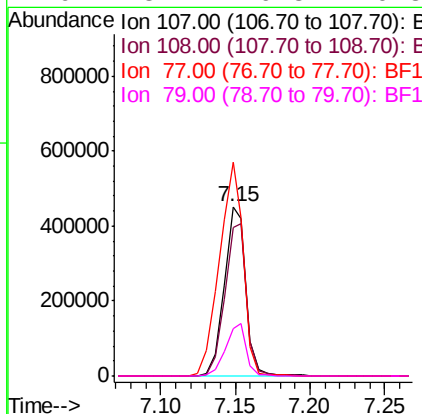
Manual Integrations
APPROVED

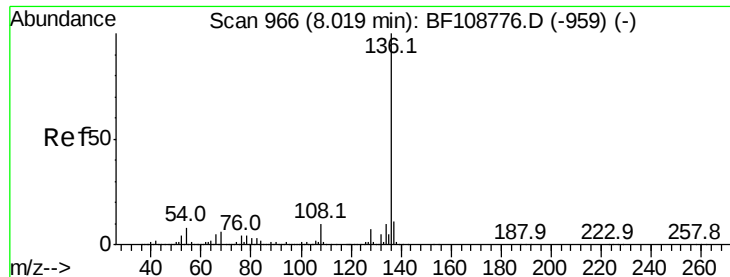
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#20
3+4-Methylphenols
Concen: 40.191 ng
RT: 7.15 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.9	68.2	108.2		
77	126.2	26.7	66.7#		
79	28.2	6.3	46.3		





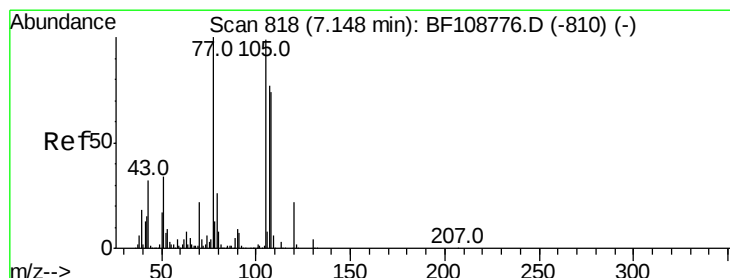
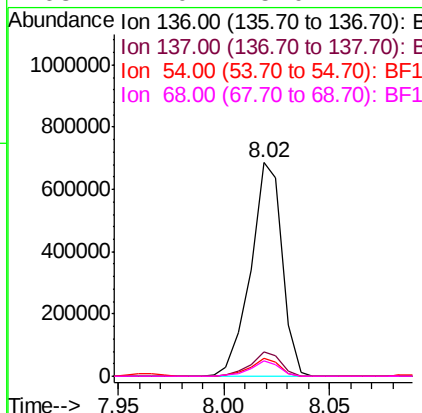
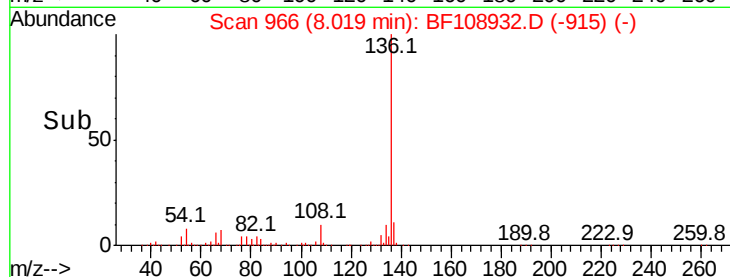
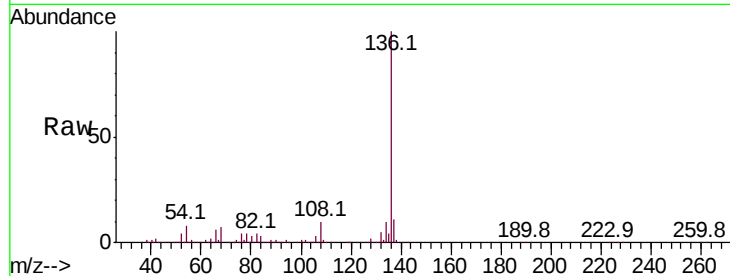
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Instrument :
BNA_F
ClientSampled :
PB112758BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.5	8.9	13.3	
54	8.1	6.6	9.8	
68	7.0	5.0	7.4	

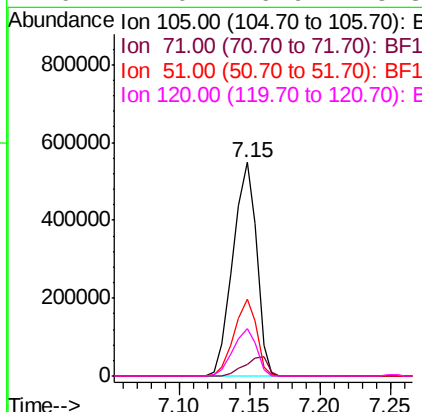
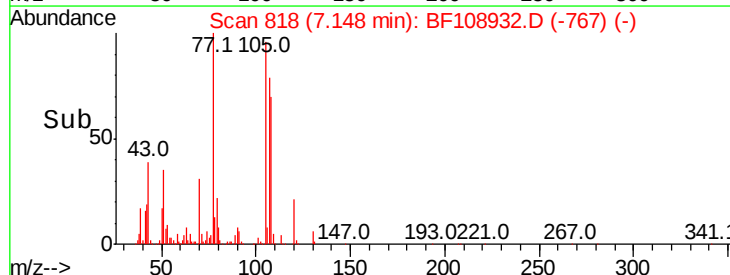
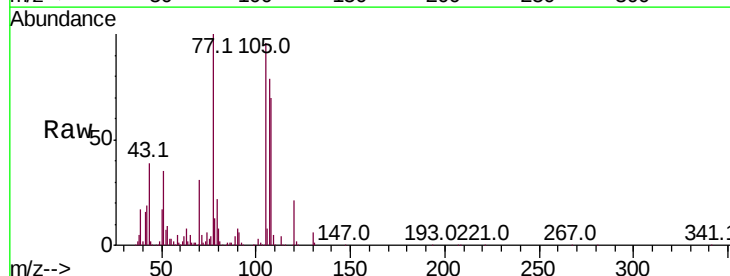
Manual Integrations
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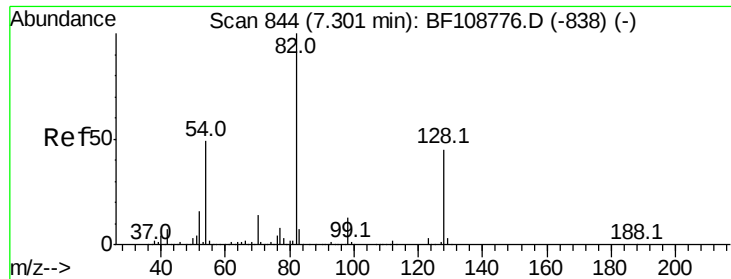
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#22
Acetophenone
Concen: 39.833 ng
RT: 7.15 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.2	4.4	6.6	
51	36.1	22.3	33.5	
120	22.0	16.9	25.3	





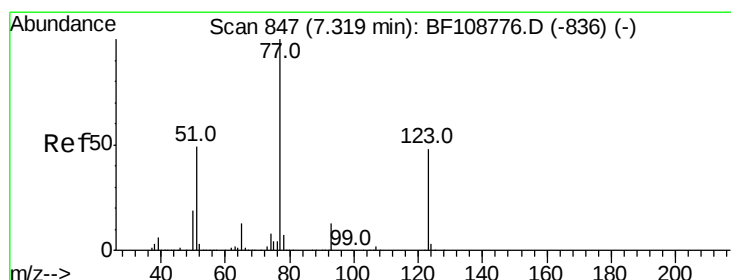
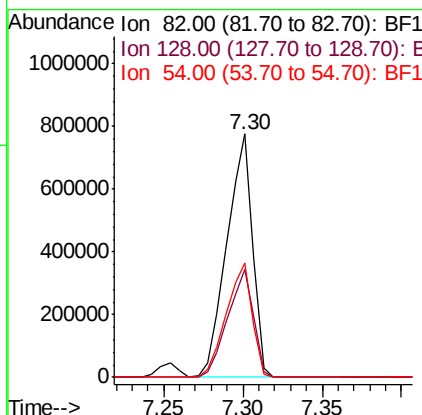
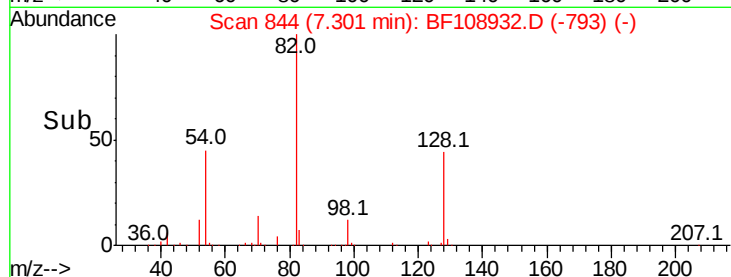
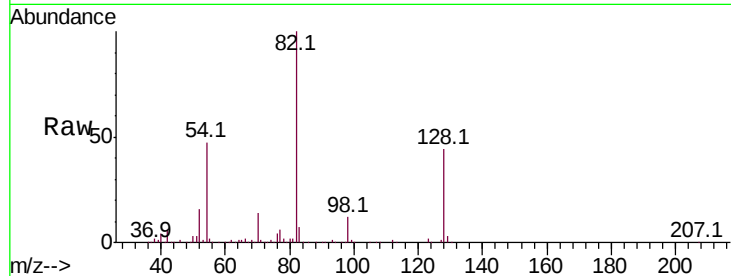
#23
Nitrobenzene-d5
Concen: 76.682 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Instrument :
BNA_F
ClientSampled :
PB112758BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	47.0	41.4	62.2

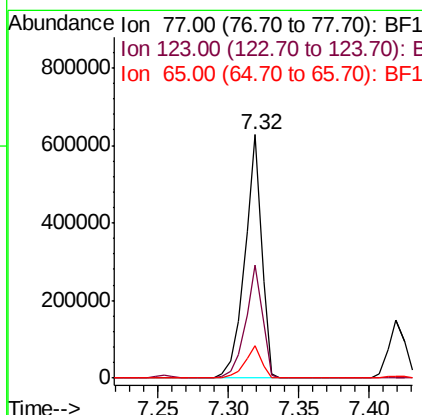
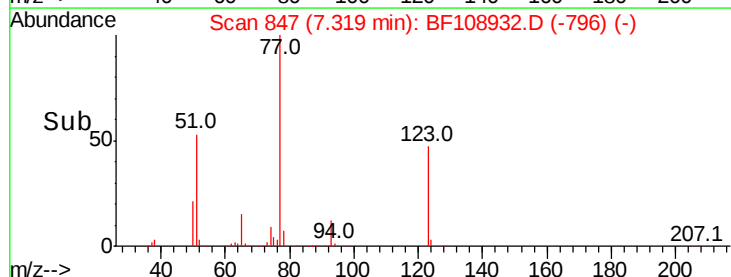
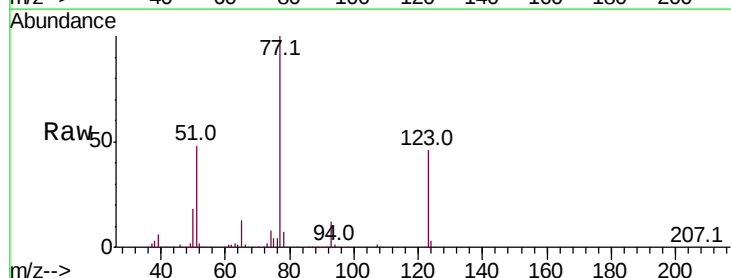
Manual Integrations
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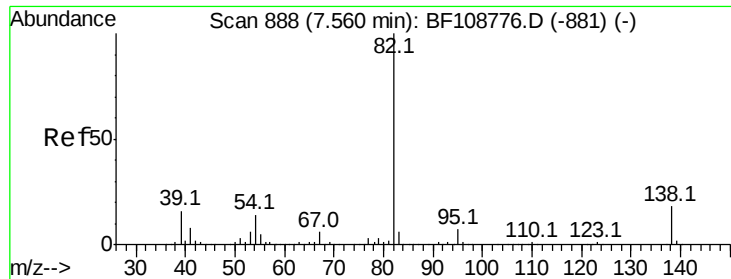
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#24
Nitrobenzene
Concen: 42.603 ng
RT: 7.32 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.3	37.9	56.9
65	13.3	11.0	16.4





#25

Isophorone

Concen: 42.414 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

Instrument :

BNA_F

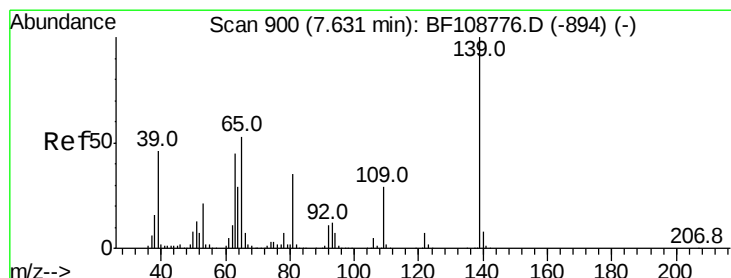
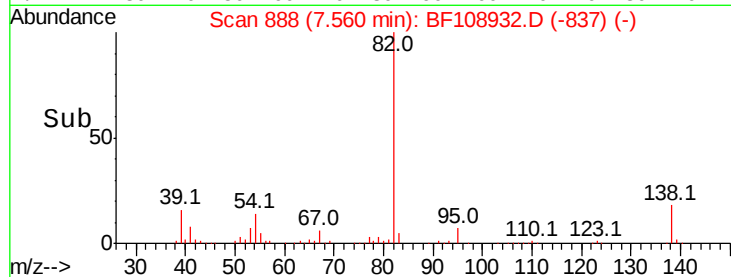
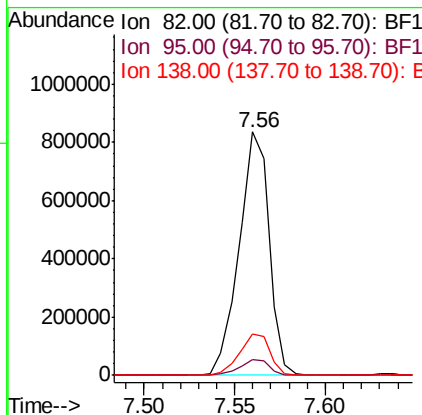
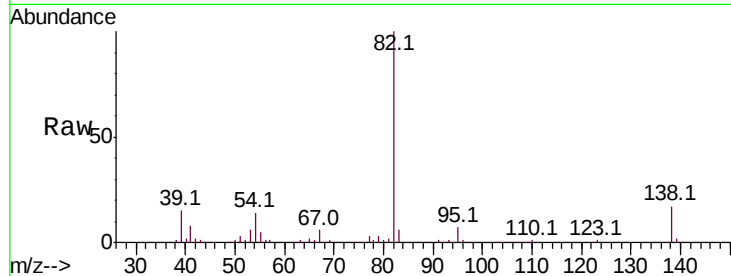
ClientSampleId :

PB112758BS

Tot Ion:	82	Resp:	961176
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	17.1	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 51.122 ng

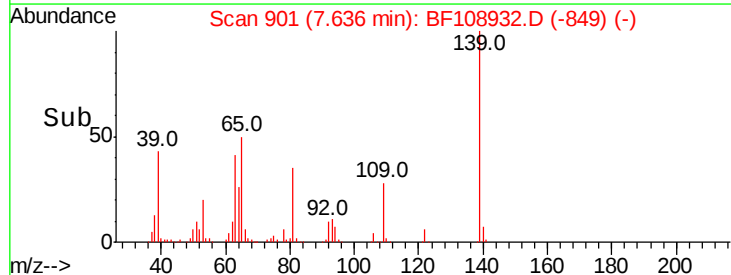
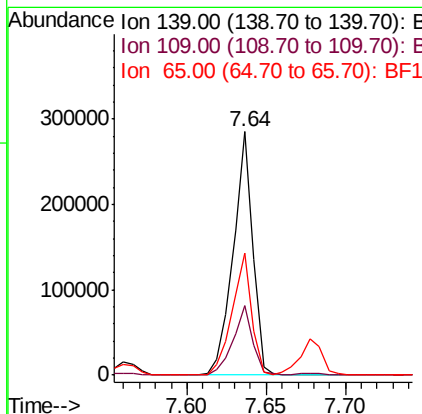
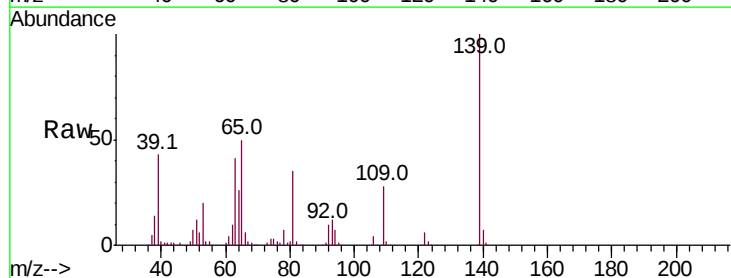
RT: 7.64 min Scan# 901

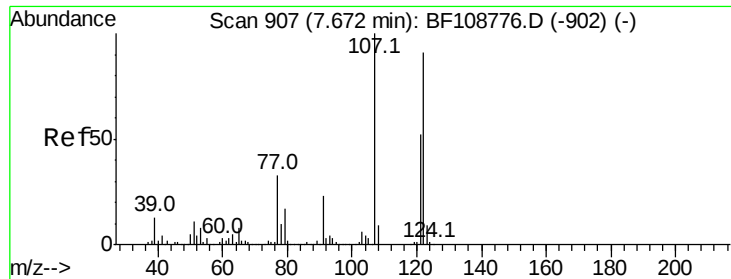
Delta R.T. 0.01 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

Tgt Ion:	139	Resp:	245517
Ion Ratio	Lower	Upper	
139	100		
109	28.5	22.7	34.1
65	50.2	40.5	60.7





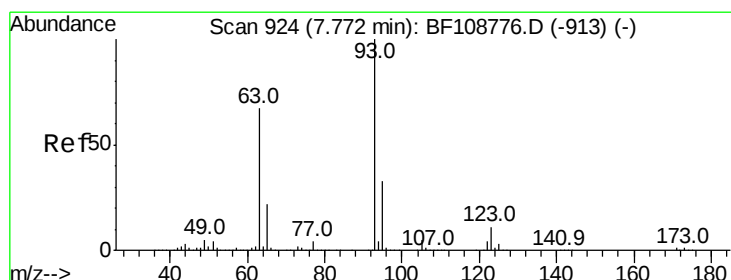
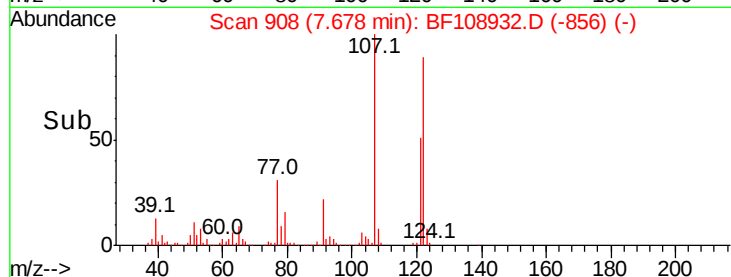
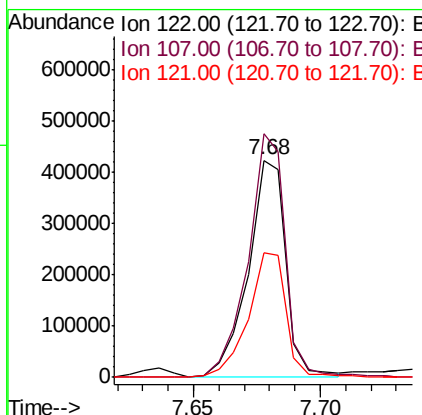
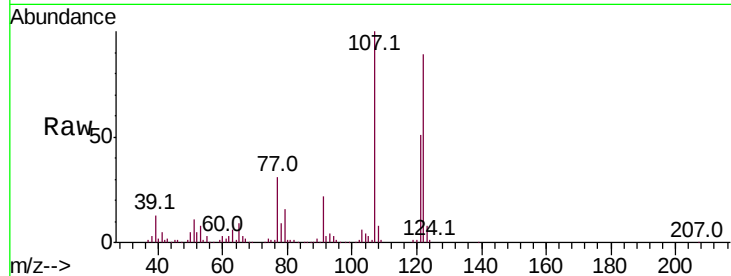
#27
 2,4-Dimethylphenol
 Concen: 45.071 ng
 RT: 7.68 min Scan# 908
 Delta R.T. 0.01 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB112758BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	439553		
107	112.3	91.2	136.8	
121	57.7	47.2	70.8	

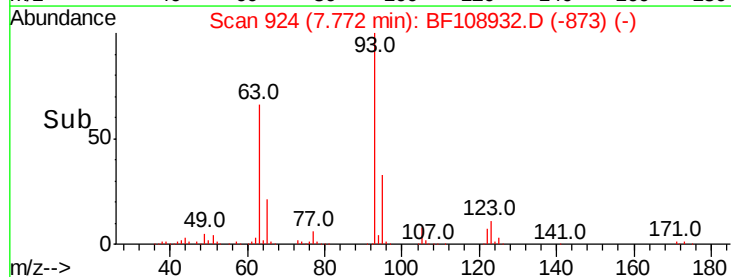
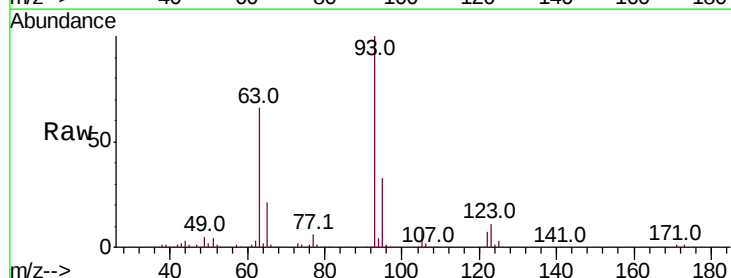
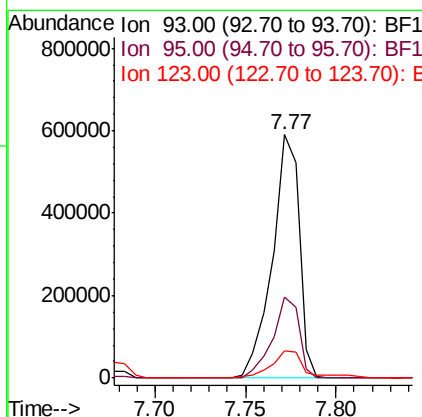
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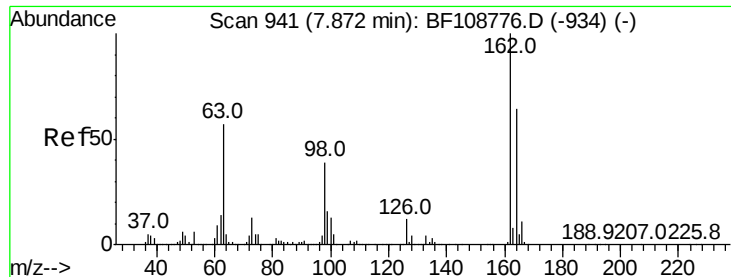
Sohil
 9/12/2018 9:11:49 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.112 ng
 RT: 7.77 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	607750		
95	33.1	26.3	39.5	
123	11.2	9.8	14.6	





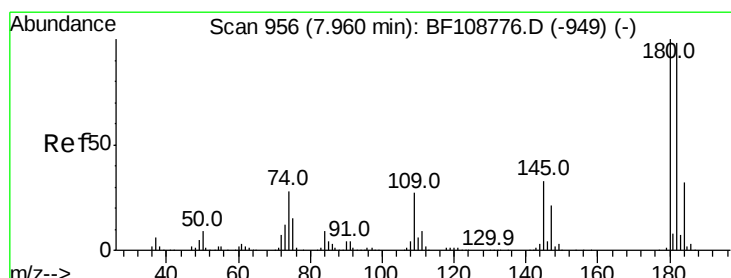
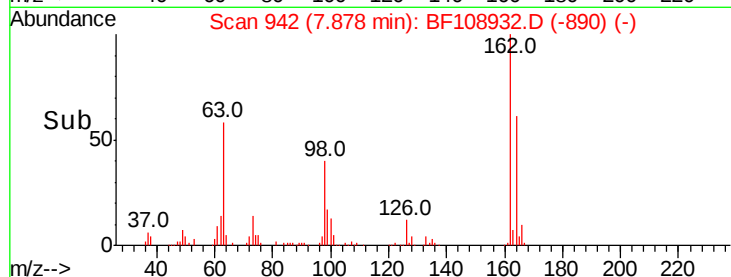
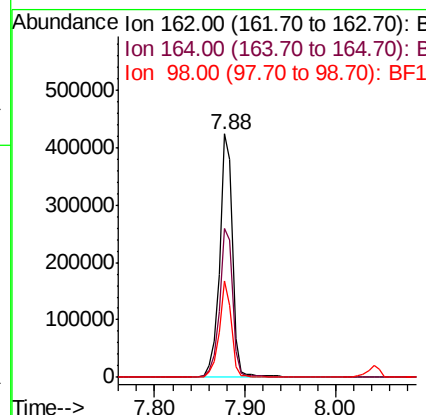
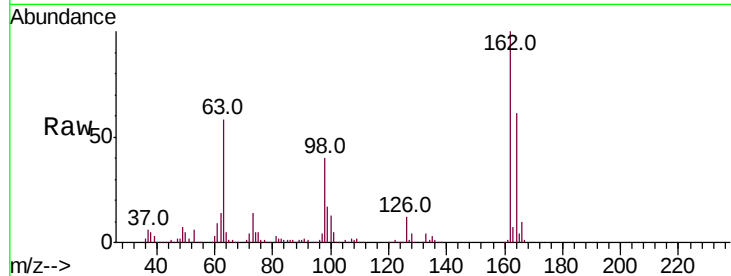
#29
2,4-Dichlorophenol
Concen: 41.347 ng
RT: 7.88 min Scan# 942
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :
PB112758BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	415791		
164	60.9	42.7	82.7	
98	39.8	18.1	58.1	

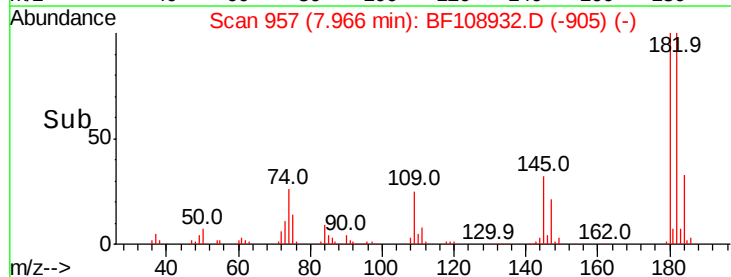
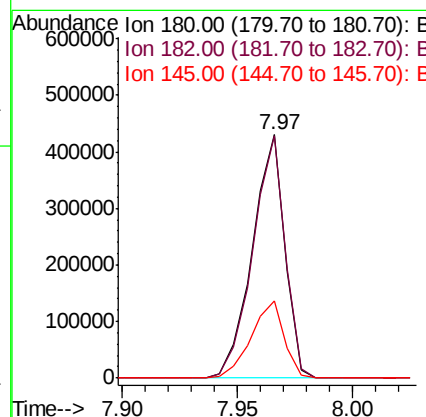
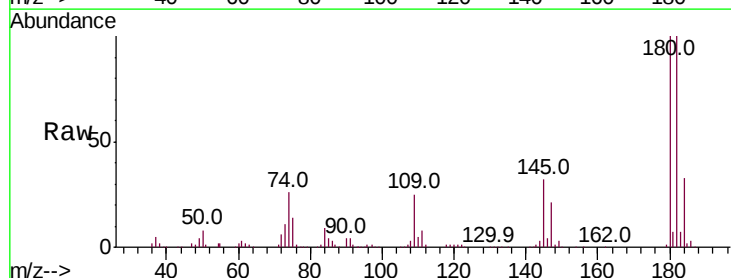
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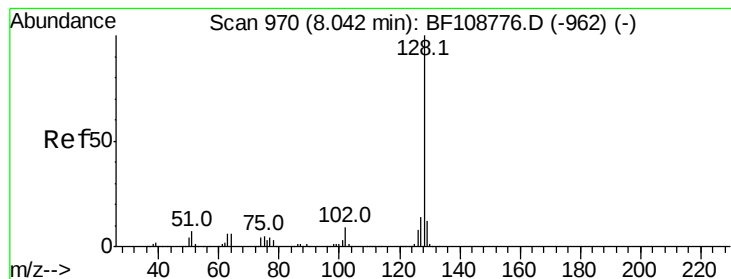
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#30
1,2,4-Trichlorobenzene
Concen: 38.799 ng
RT: 7.97 min Scan# 957
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	422840		
182	99.7	76.8	115.2	
145	31.7	26.5	39.7	





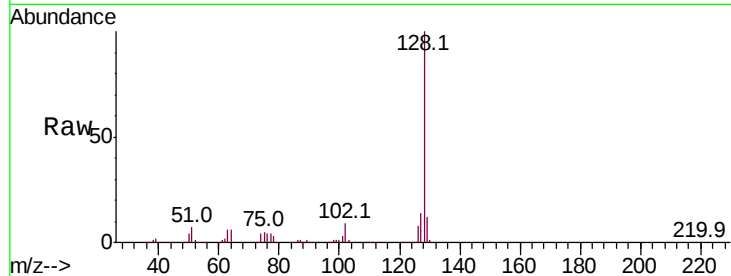
#31
Naphthalene
Concen: 42.816 ng
RT: 8.04 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :
PB112758BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.8	13.2
127	13.9	10.9	16.3

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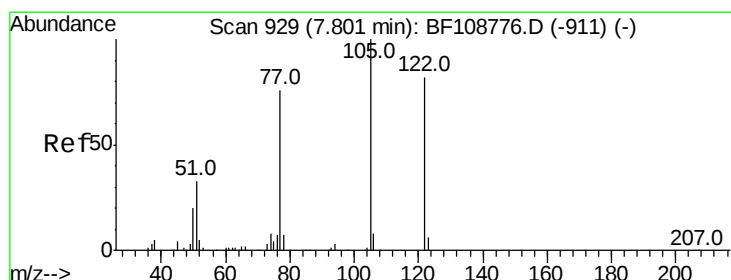
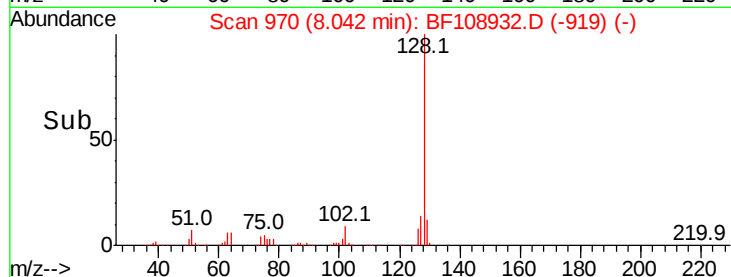
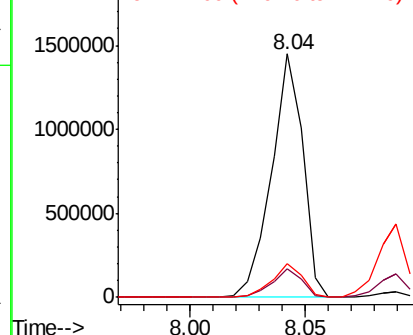


Abundance

Ion 128.00 (127.70 to 128.70): E

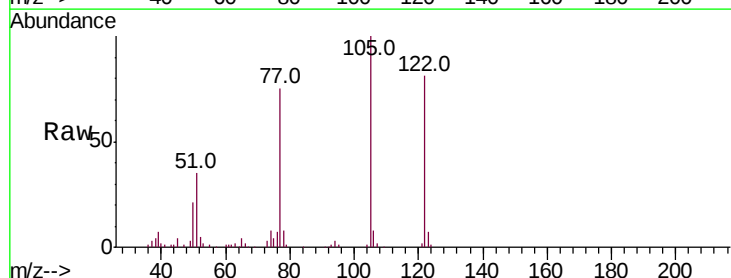
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 39.852 ng
RT: 7.81 min Scan# 930
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.2	101.1	141.1
77	92.9	70.7	110.7

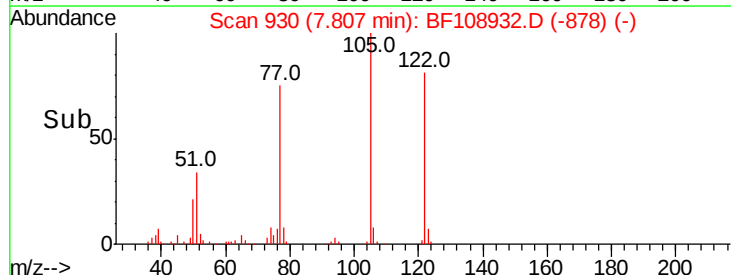
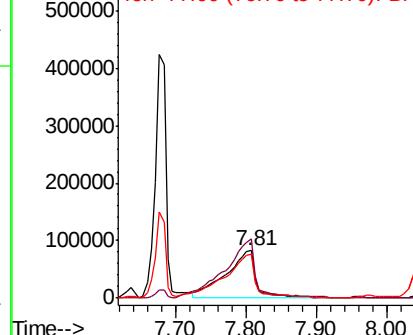


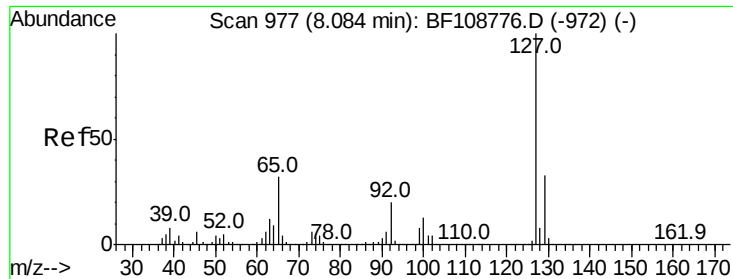
Abundance

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





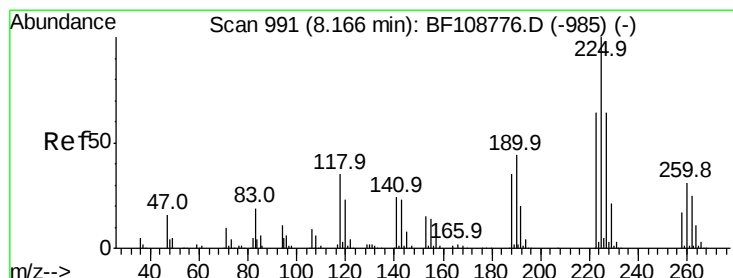
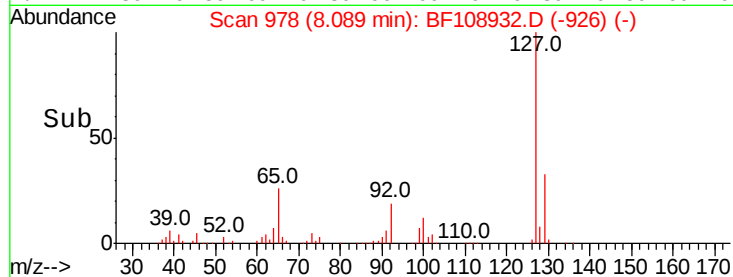
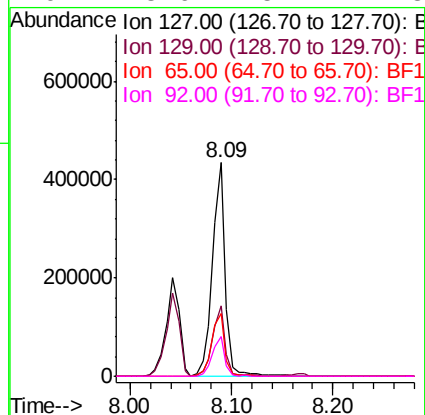
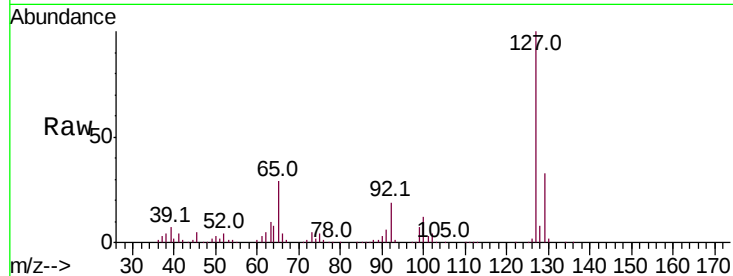
#33
4-Chloroaniline
Concen: 26.047 ng
RT: 8.09 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :
PB112758BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	25.9	38.9	
65	29.2	25.0	37.4	
92	18.6	15.2	22.8	

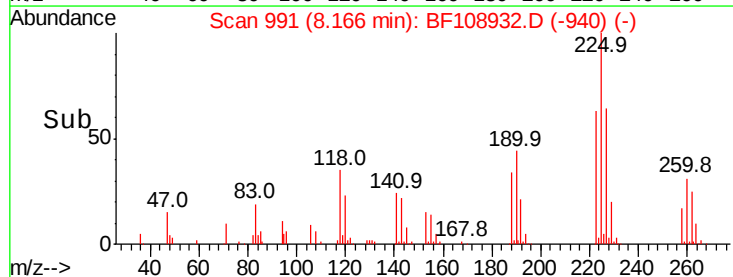
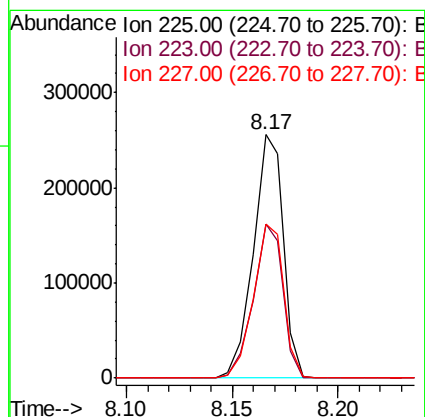
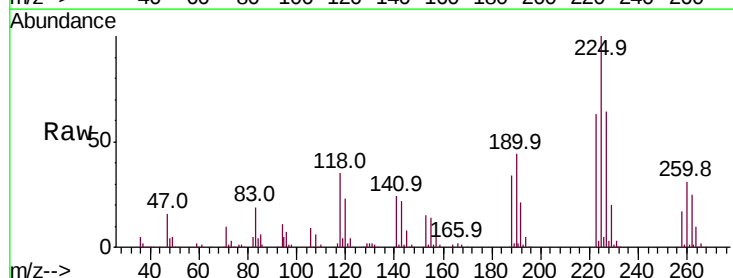
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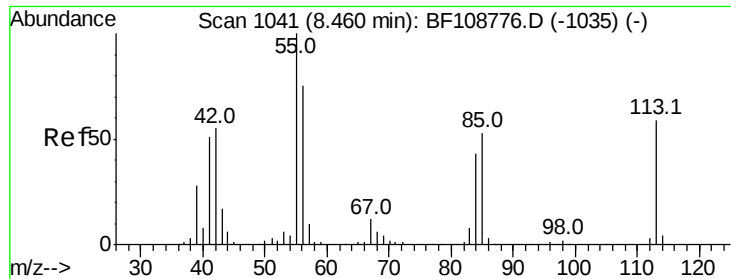
Sohil
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#34
Hexachlorobutadiene
Concen: 38.873 ng
RT: 8.17 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.2	50.6	76.0	
227	63.5	51.9	77.9	





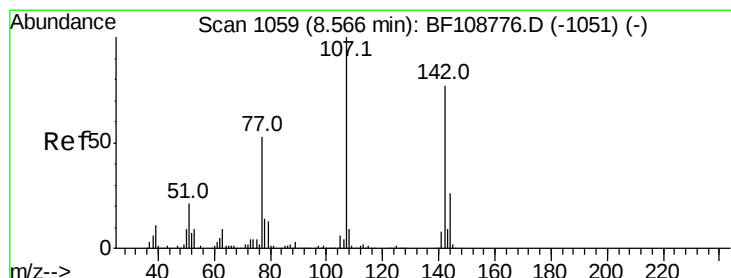
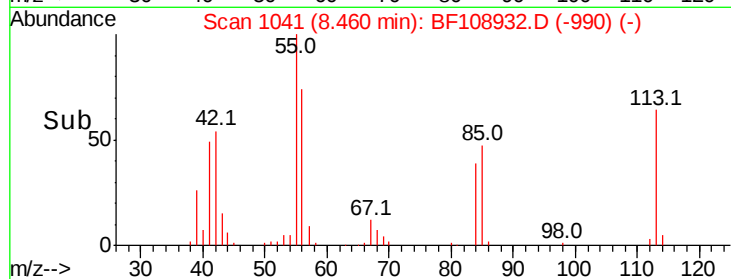
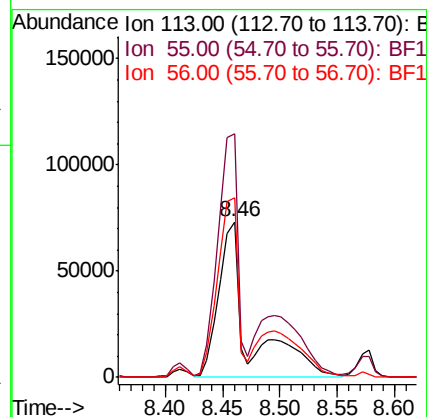
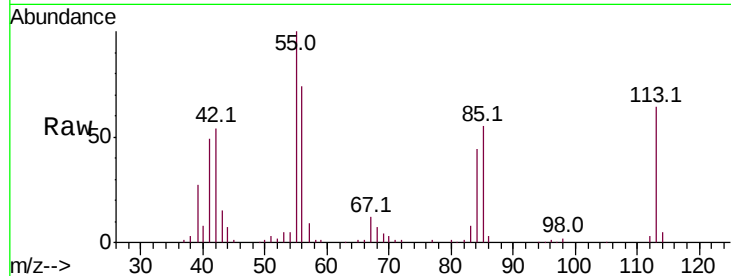
#35
 Caprolactam
 Concen: 39.397 ng/ml
 RT: 8.46 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB112758BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	156.5	163.3	203.3#
56	115.0	115.7	155.7#

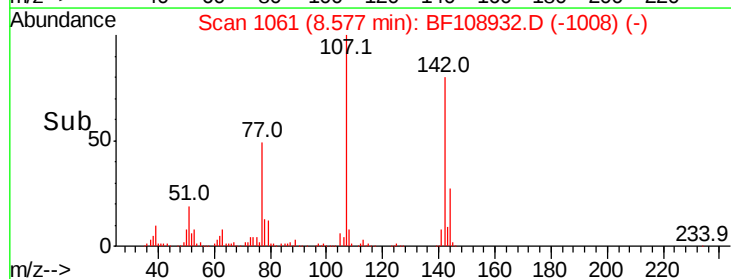
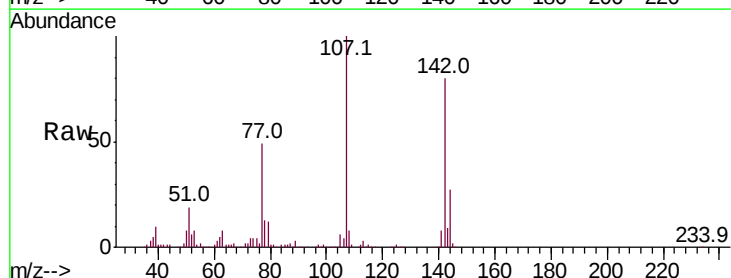
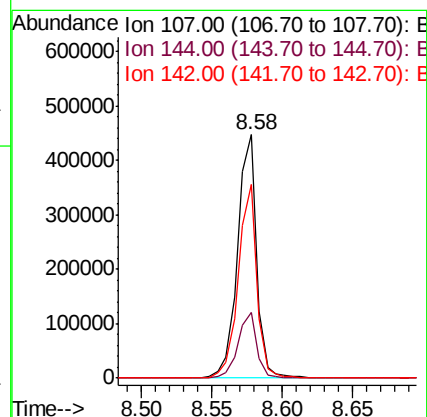
Manual Integrations
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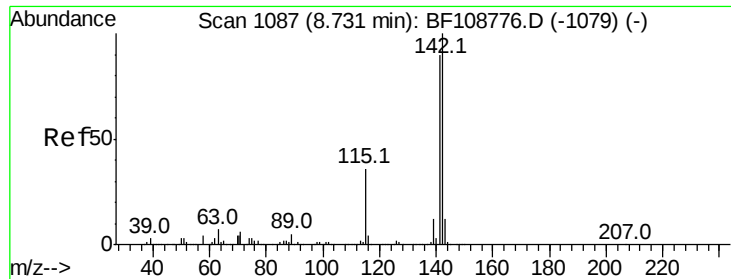
Sohil
 9/12/2018 9:11:49 AM



#36
 4-Chloro-3-methylphenol
 Concen: 39.486 ng/ml
 RT: 8.58 min Scan# 1061
 Delta R.T. 0.01 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.2	20.5	30.7
142	79.6	62.0	93.0





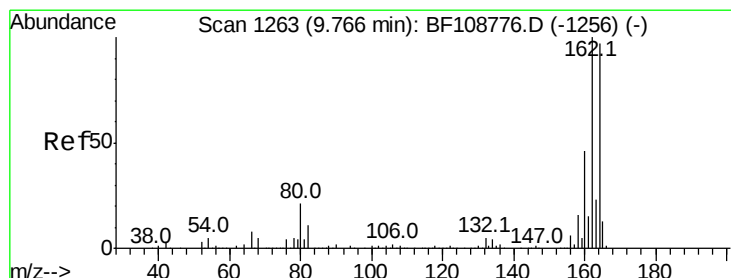
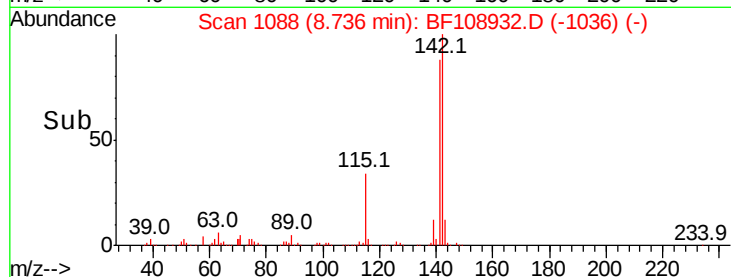
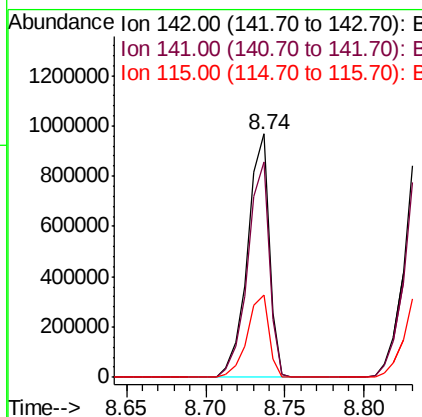
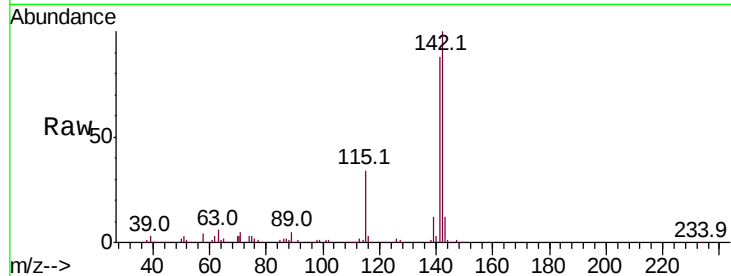
#37
2-Methylnaphthalene
Concen: 43.524 ng
RT: 8.74 min Scan# 1088
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :
PB112758BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
115	34.1	26.1	39.1

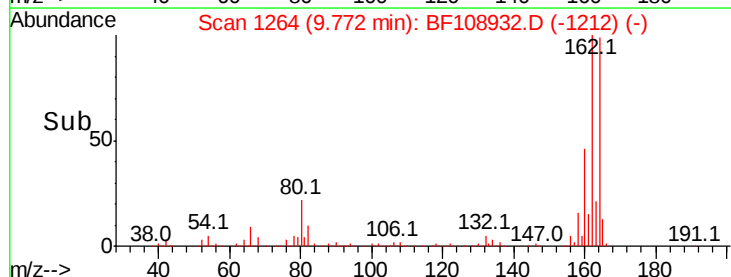
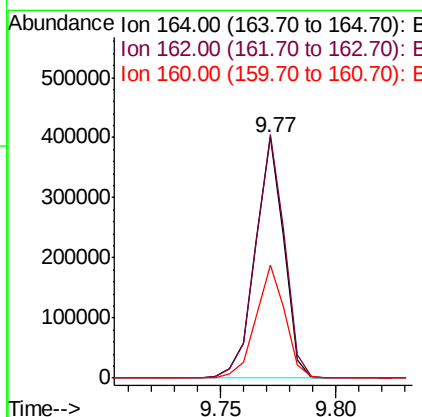
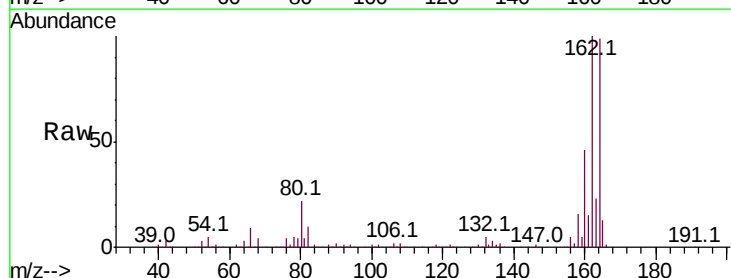
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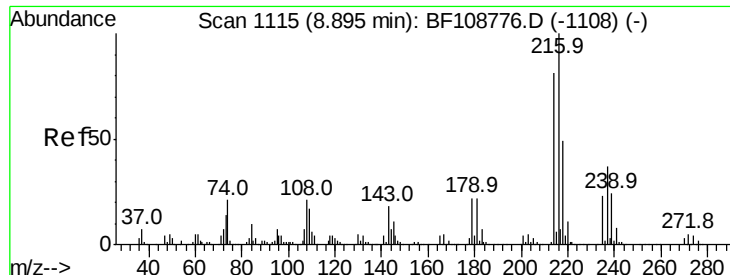
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	86.1	129.1
160	46.8	38.3	57.5





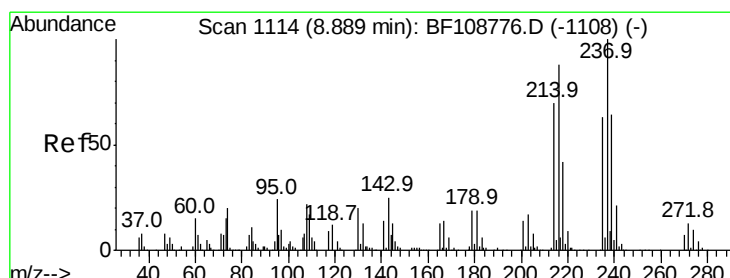
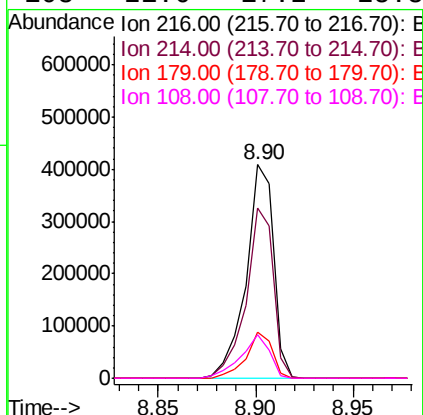
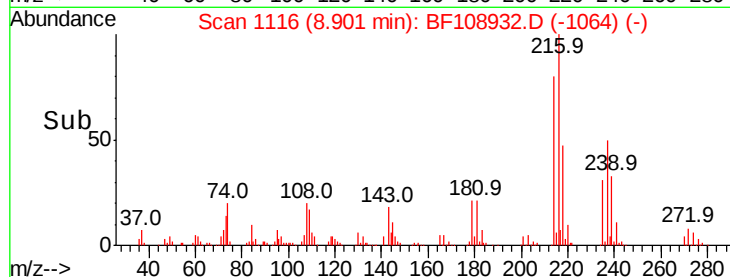
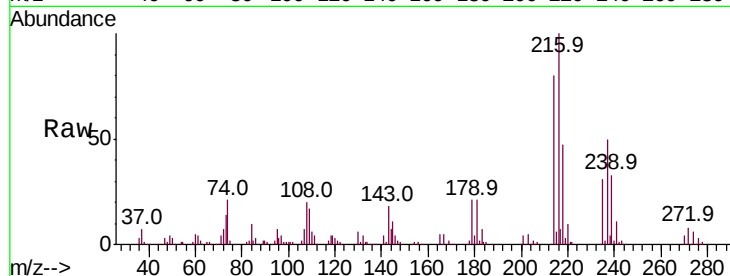
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.667 ng
 RT: 8.90 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB112758BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.8	63.0	94.4
179	20.4	18.1	27.1
108	21.6	17.2	25.8

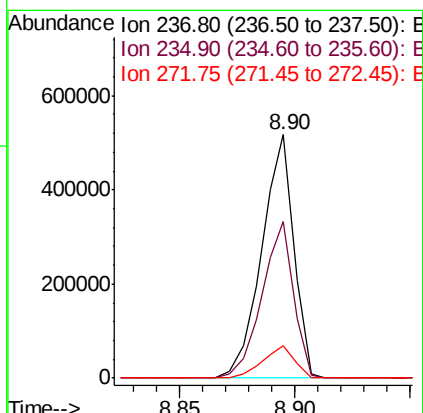
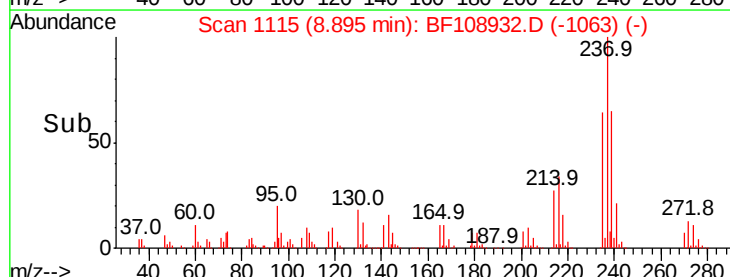
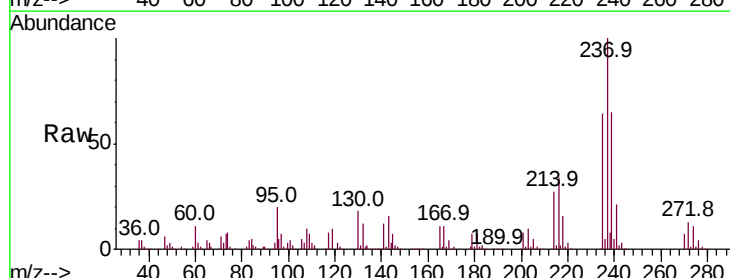
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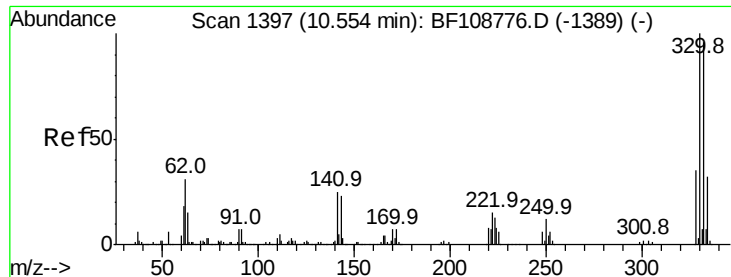
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 96.013 ng
 RT: 8.90 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.1	44.8	84.8
272	13.4	0.0	33.3





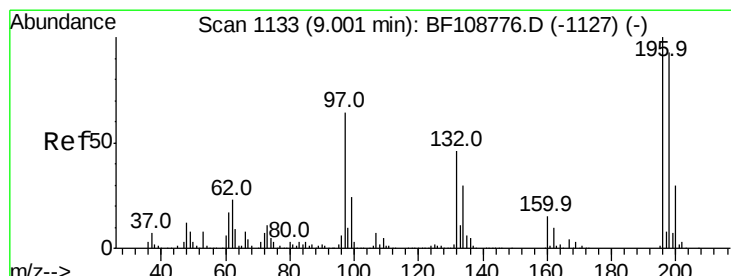
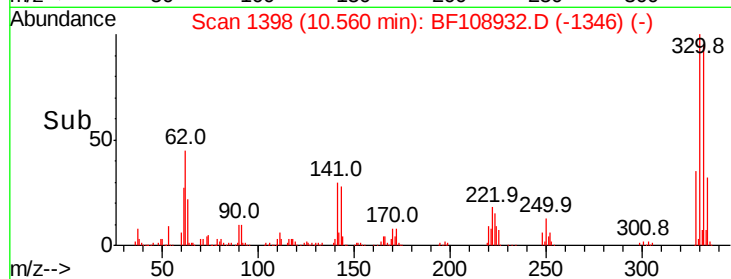
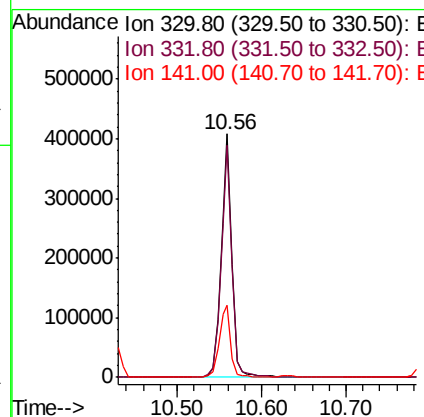
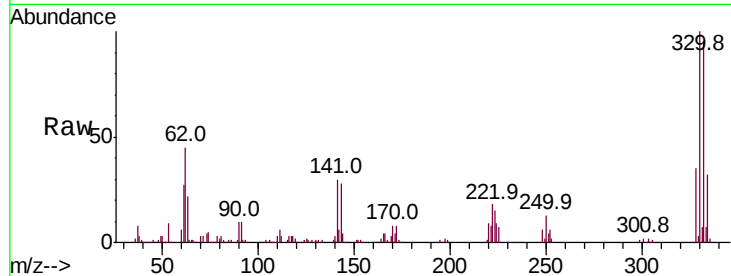
#41
 2,4,6-Tribromophenol
 Concen: 112.751 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Instrument :
 BNA_F
 ClientSampled :
 PB112758BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	371634		
332	96.0	77.0	115.6	
141	31.8	29.9	44.9	

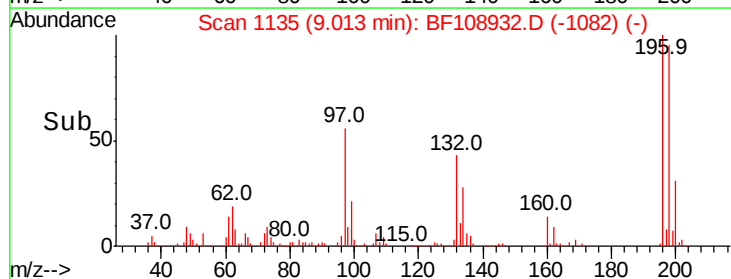
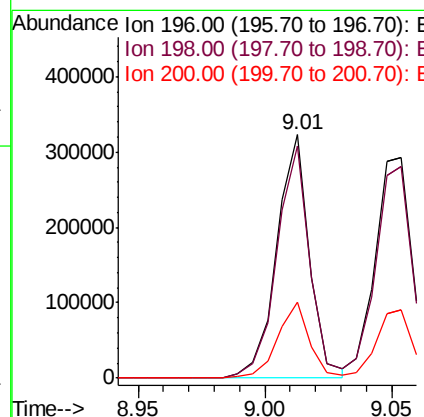
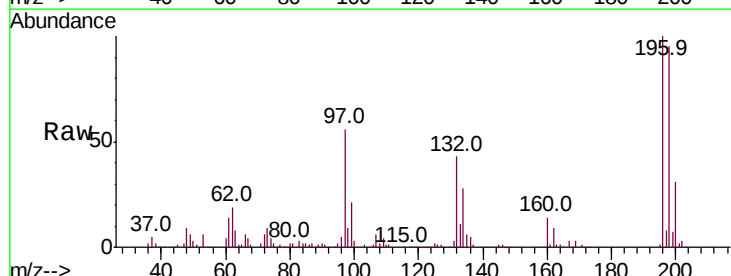
Manual Integrations
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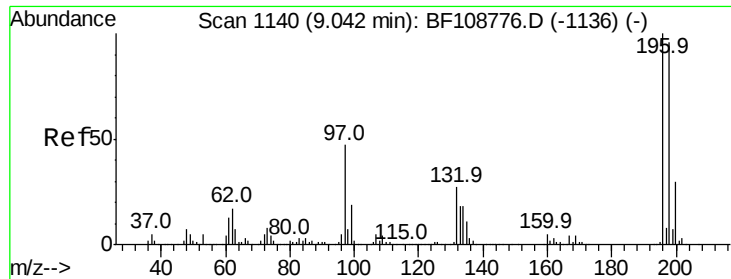
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#42
 2,4,6-Trichlorophenol
 Concen: 41.556 ng
 RT: 9.01 min Scan# 1135
 Delta R.T. 0.01 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	292135		
198	95.2	75.7	113.5	
200	31.4	24.5	36.7	





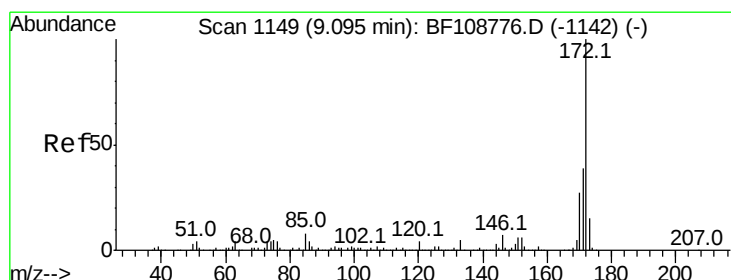
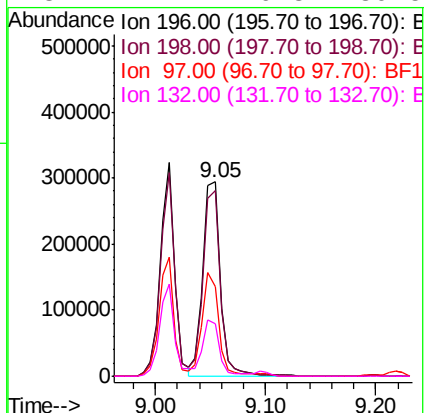
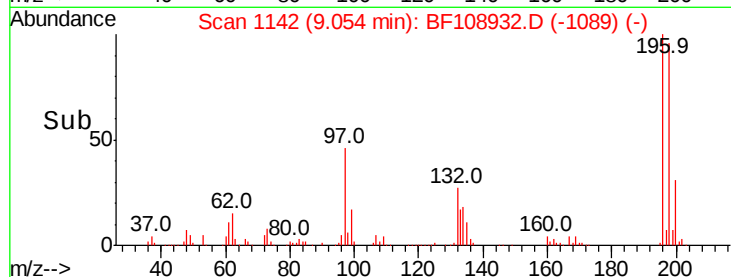
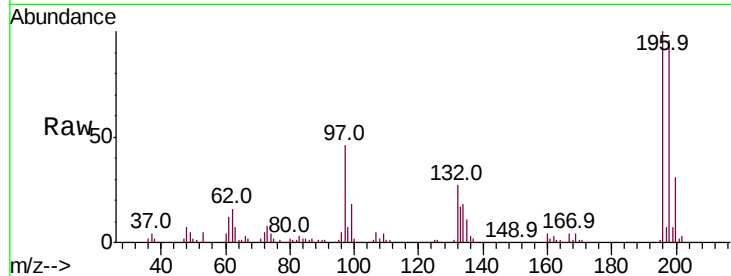
#43
 2,4,5-Trichlorophenol
 Concen: 43.119 ng
 RT: 9.05 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Instrument :
 BNA_F
 ClientSampled :
 PB112758BS

Tot Ion:	196	Resp:	314205
Ion Ratio	Lower	Upper	
196	100		
198	95.9	74.6	112.0
97	46.1	42.9	64.3
132	27.2	26.3	39.5

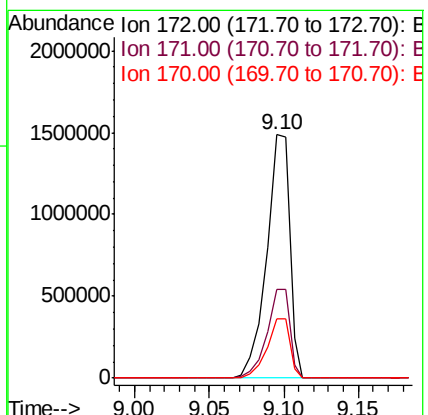
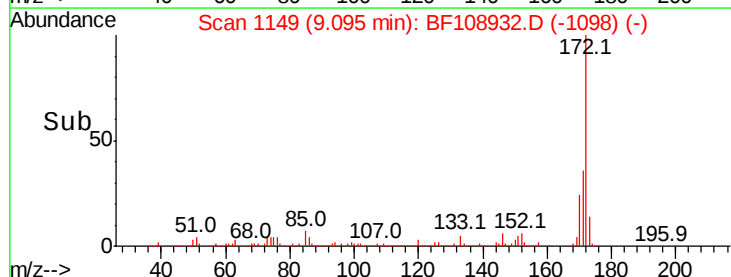
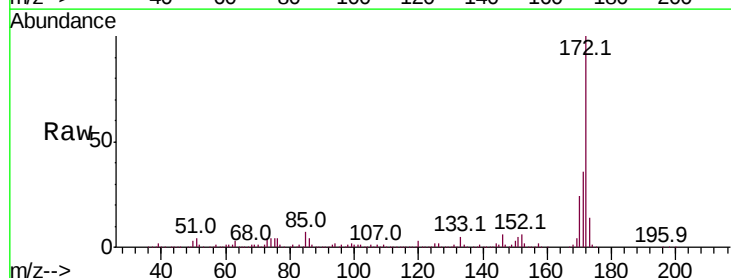
Manual Integrations
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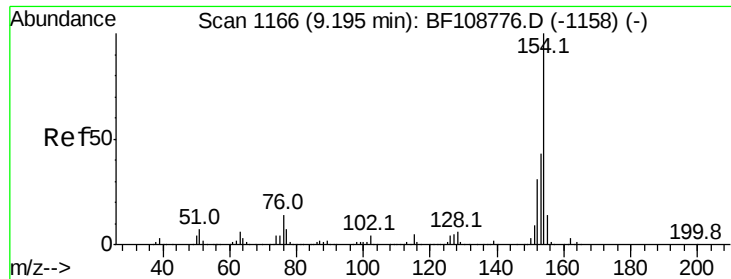
Sohil
 9/12/2018 9:11:49 AM



#44
 2-Fluorobiphenyl
 Concen: 78.378 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Tgt Ion:	172	Resp:	1586255
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.7	44.5
170	24.3	19.6	29.4





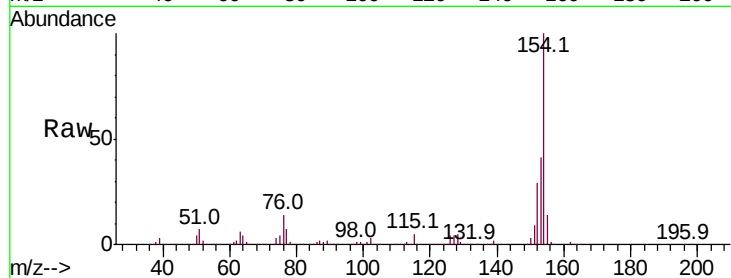
#45
 1,1'-Biphenyl
 Concen: 40.864 ng
 RT: 9.20 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB112758BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	14.2	0.0	34.0

Manual Integrations
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Sohil
 9/12/2018 9:11:49 AM

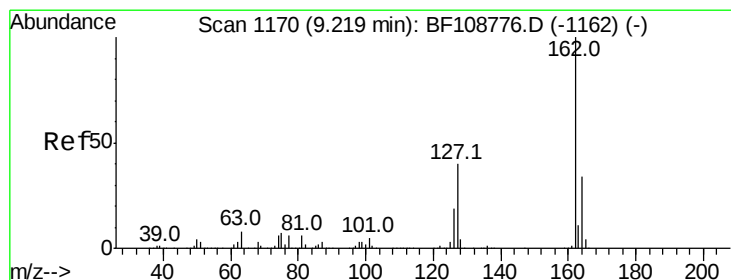
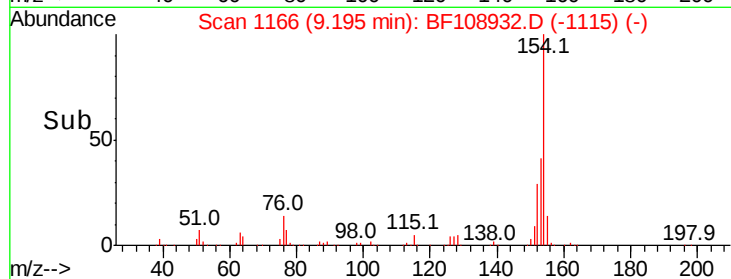
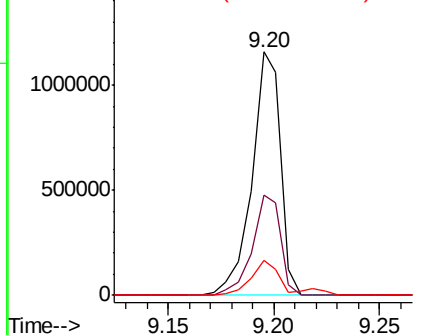


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 39.357 ng
 RT: 9.22 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

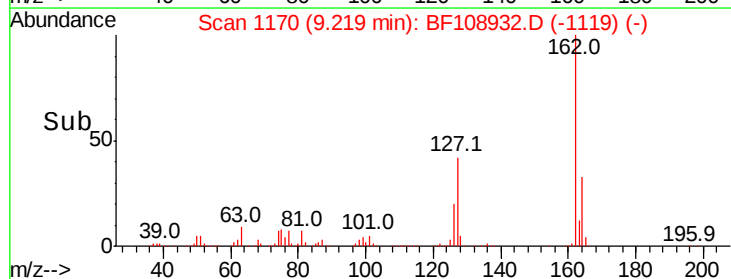
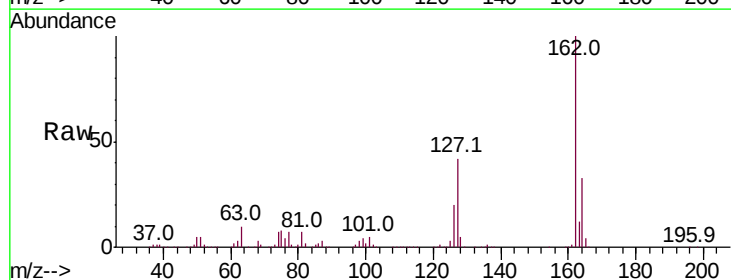
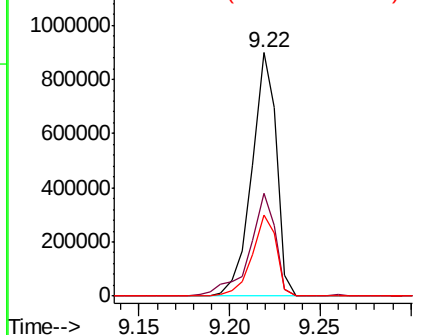
Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.9	50.9
164	33.1	26.5	39.7

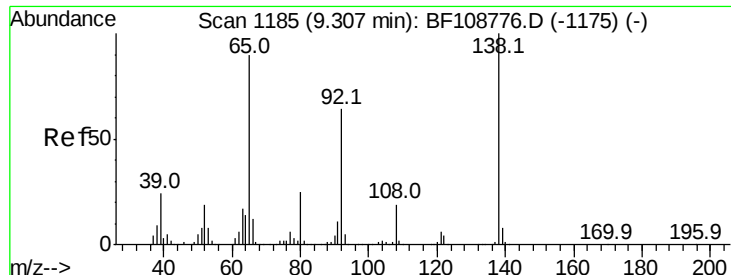
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





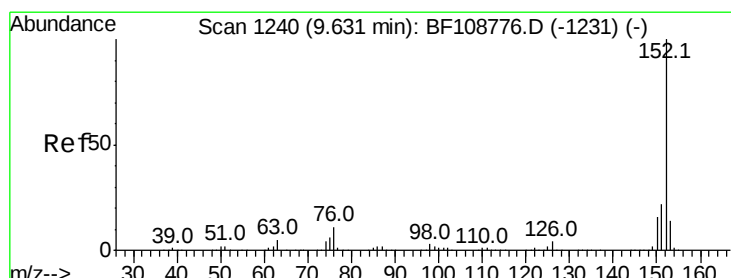
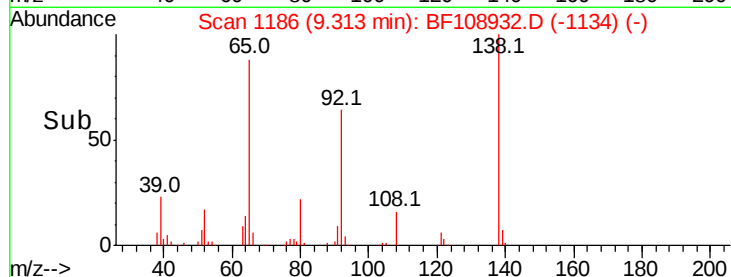
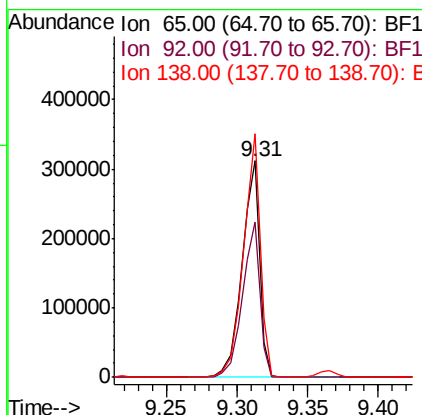
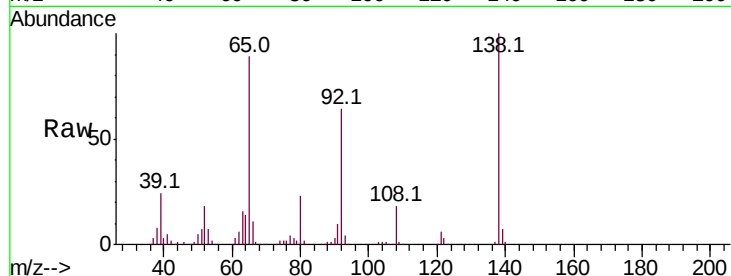
#47
2-Nitroaniline
Concen: 45.890 ng
RT: 9.31 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :
PB112758BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.9	55.8	83.6
138	112.7	91.2	136.8

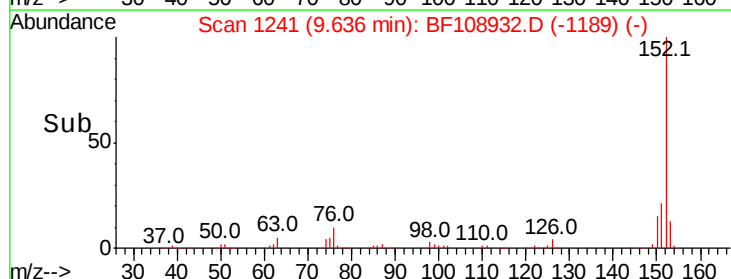
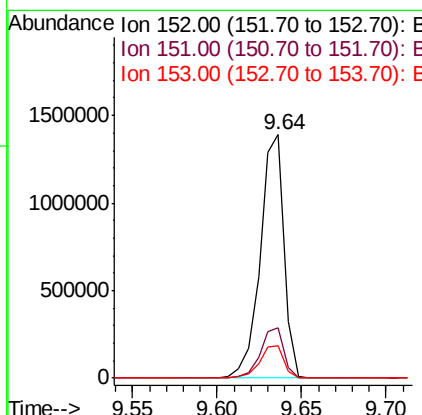
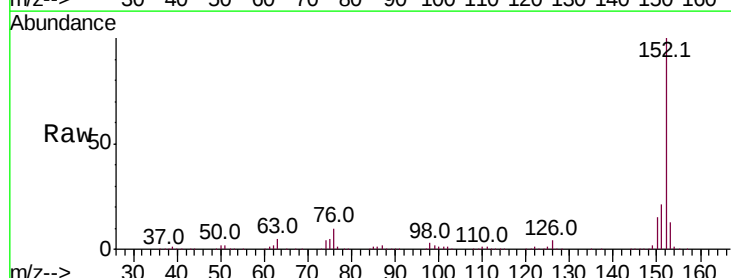
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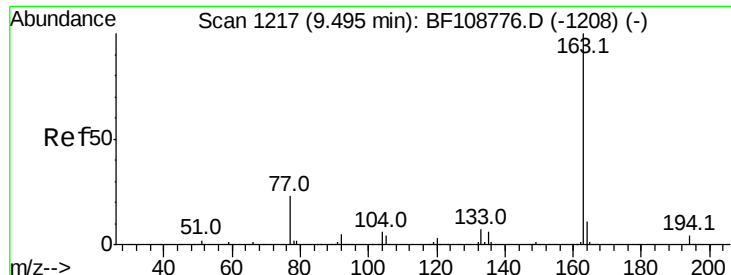
Sohil
9/12/2018 9:11:49 AM



#48
Acenaphthylene
Concen: 42.283 ng
RT: 9.64 min Scan# 1241
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.2	10.7	16.1





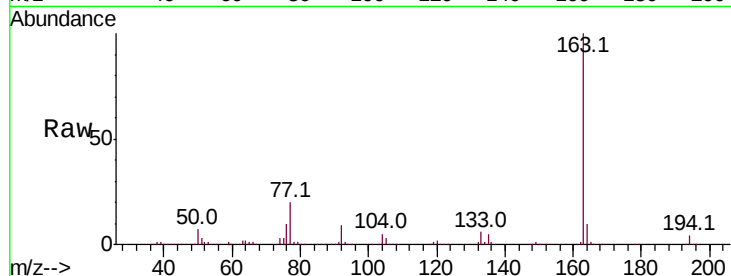
#49
Dimethylphthalate
Concen: 40.853 ng
RT: 9.50 min Scan# 1218
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :
PB112758BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.0	2.7	4.1	
164	10.0	8.2	12.2	

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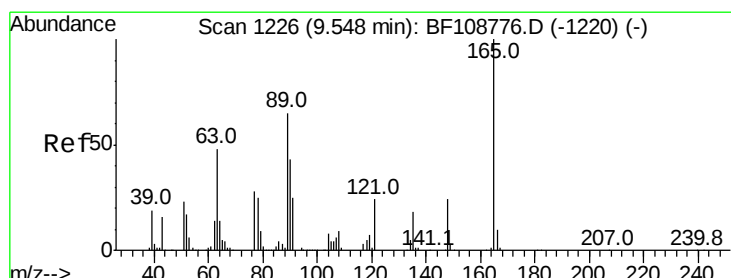
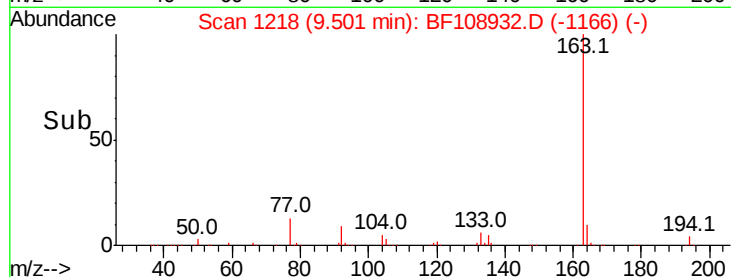
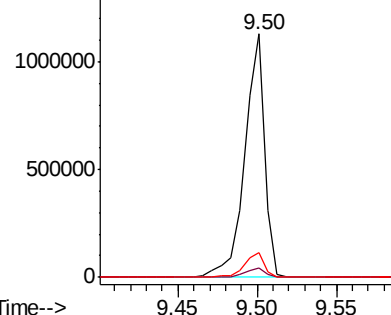


Abundance

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: 47.946 ng
RT: 9.55 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

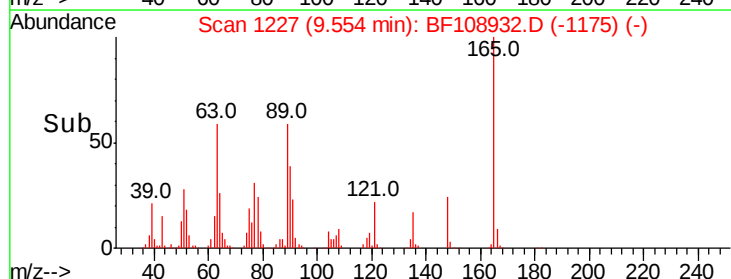
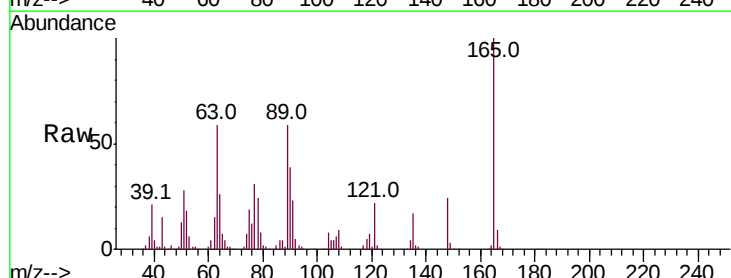
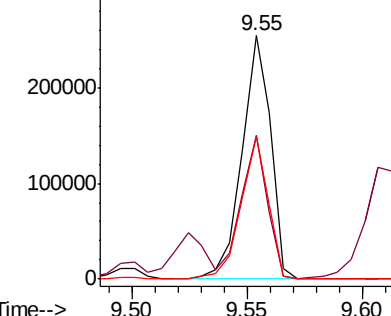
Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	59.1	44.7	67.1	
89	58.7	44.0	66.0	

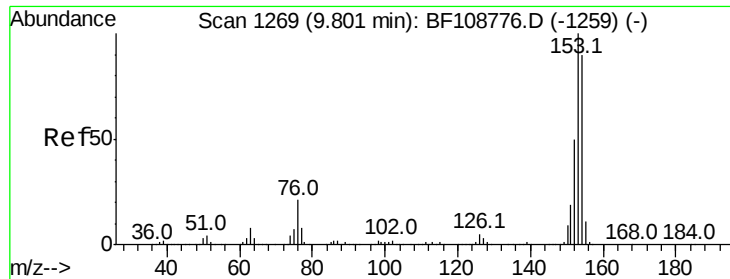
Abundance

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





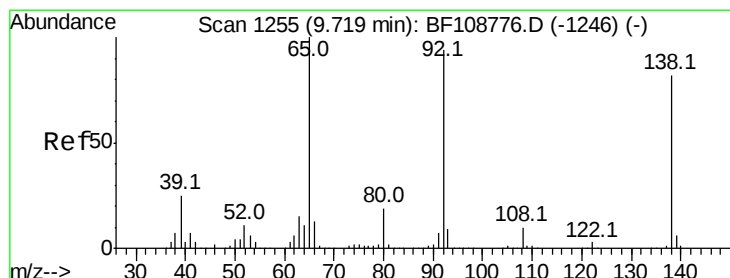
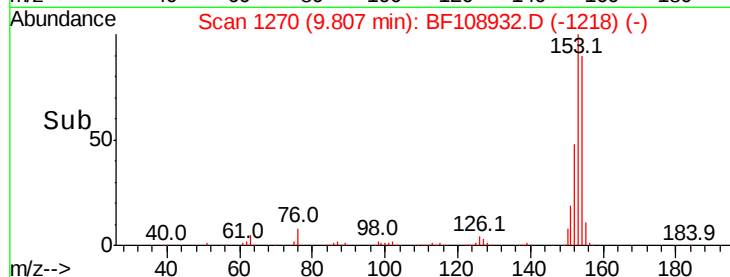
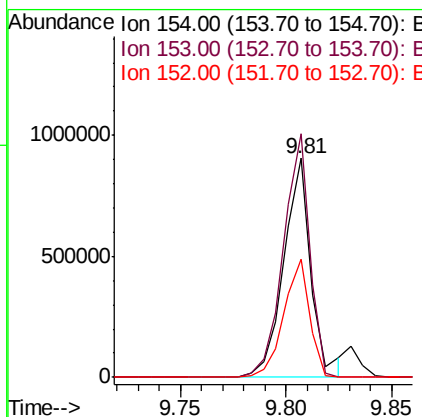
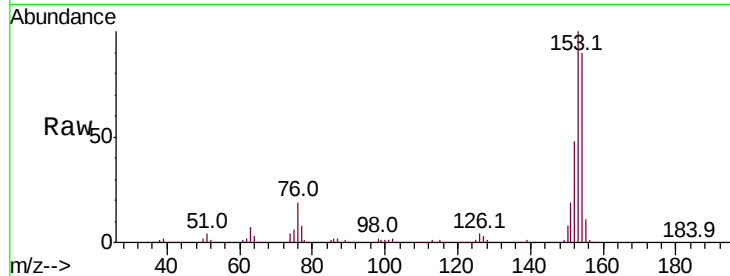
#51
Acenaphthene
Concen: 41.271 ng
RT: 9.81 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Instrument :
BNA_F
ClientSampled :
PB112758BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.2	91.2	136.8
152	53.8	43.8	65.8

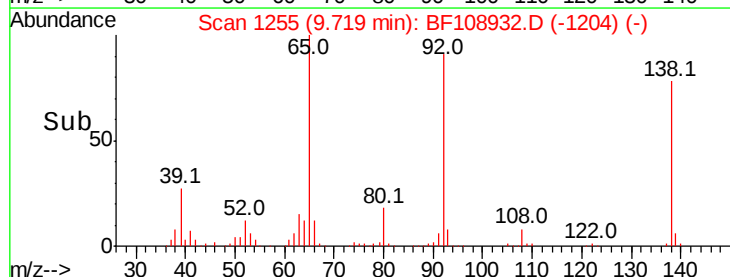
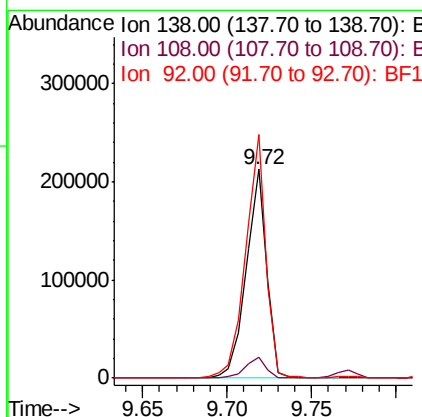
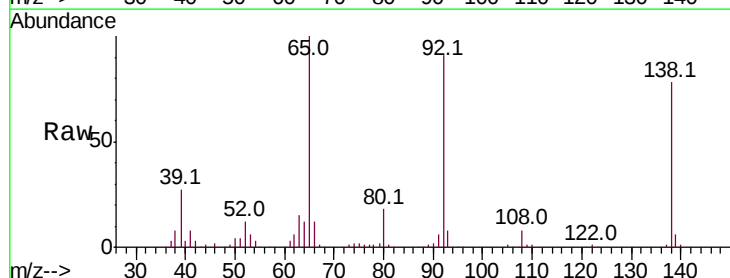
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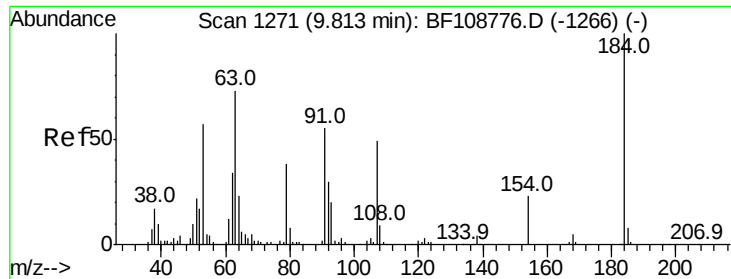
Sohil
9/12/2018 9:11:49 AM



#52
3-Nitroaniline
Concen: 32.979 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.3	9.4	14.0
92	116.7	89.4	134.2





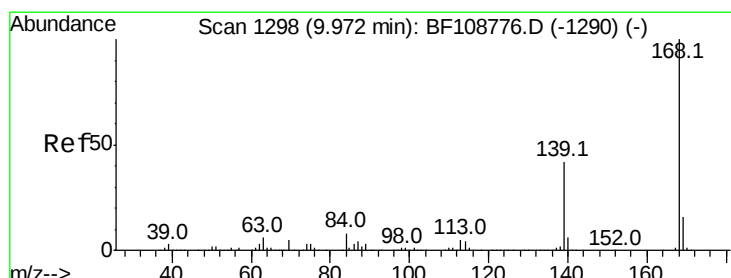
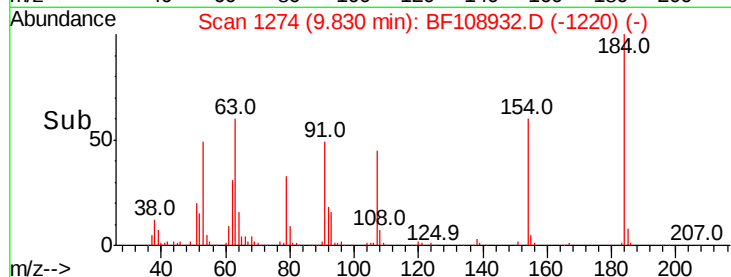
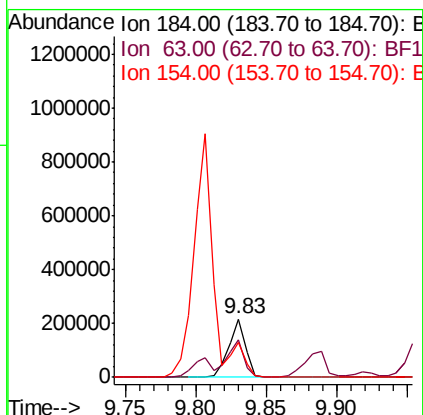
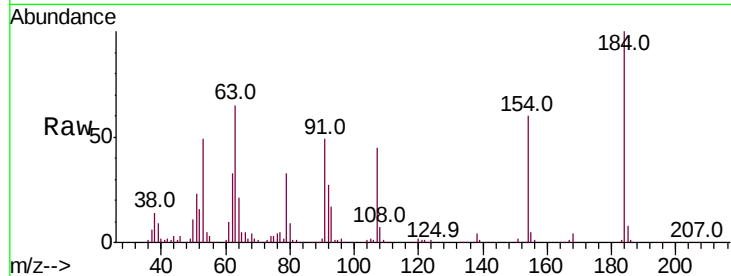
#53
 2,4-Dinitrophenol
 Concen: 104.389 ng
 RT: 9.83 min Scan# 1274
 Delta R.T. 0.02 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Instrument :
 BNA_F
 ClientSampleID :
 PB112758BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	181875		
63	65.4	54.2	81.2	
154	59.7	184.0	276.0#	

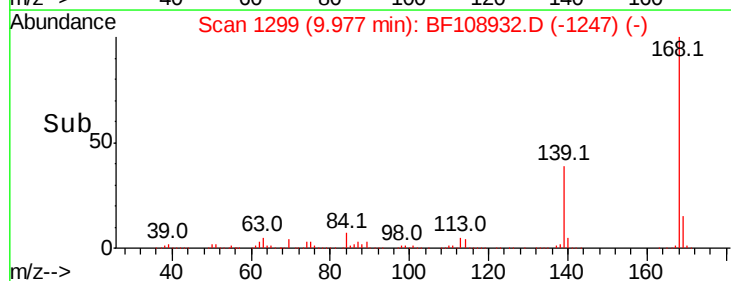
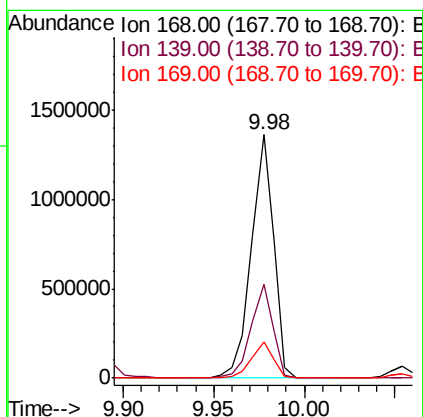
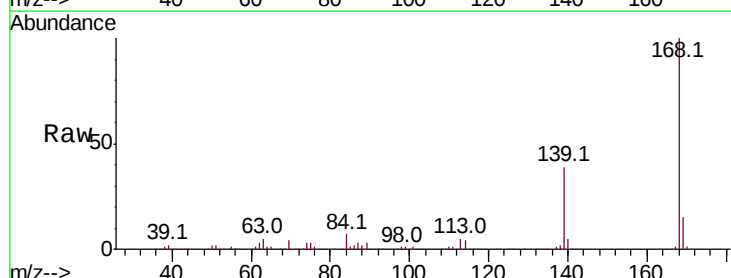
Manual Integrations
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 9/12/2018 9:11:49 AM



#54
 Dibenzofuran
 Concen: 40.318 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. 0.01 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1165352		
139	38.7	30.1	45.1	
169	14.7	10.9	16.3	





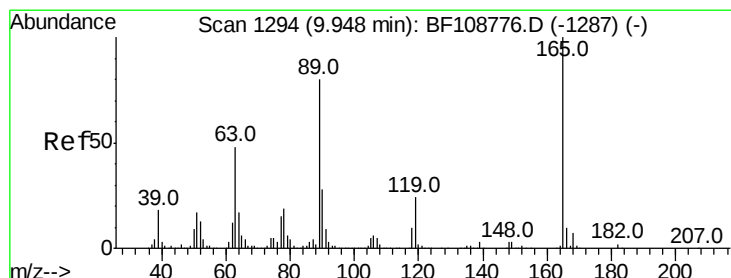
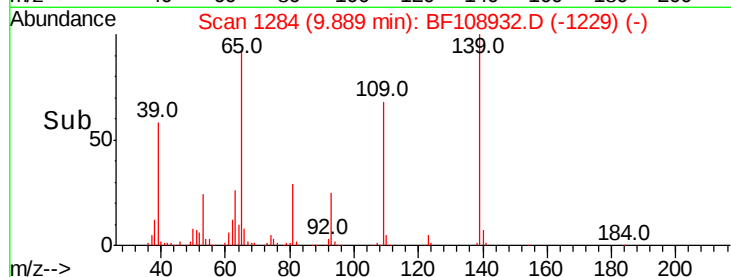
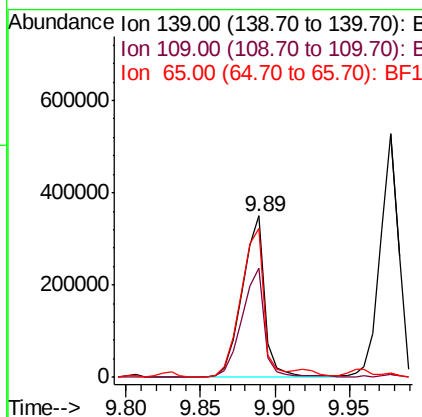
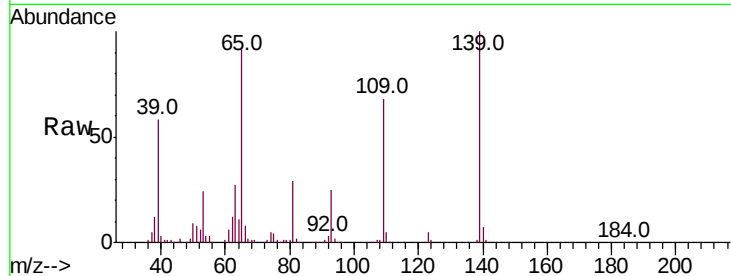
#55
4-Nitrophenol
Concen: 90.006 ng
RT: 9.89 min Scan# 1284
Delta R.T. 0.02 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :
PB112758BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	67.6	48.4	88.4	
65	92.4	72.6	112.6	

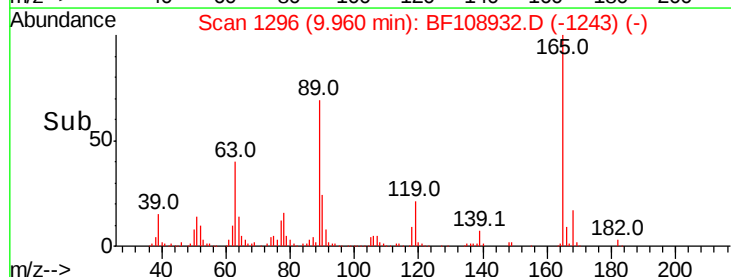
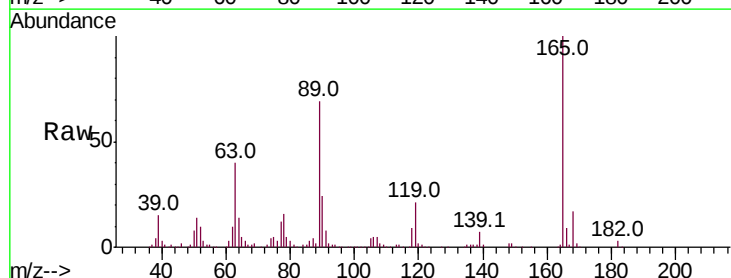
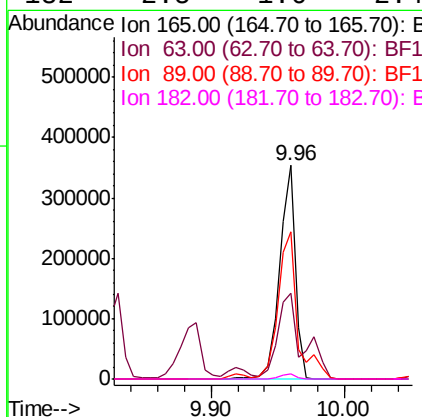
Manual Integrations
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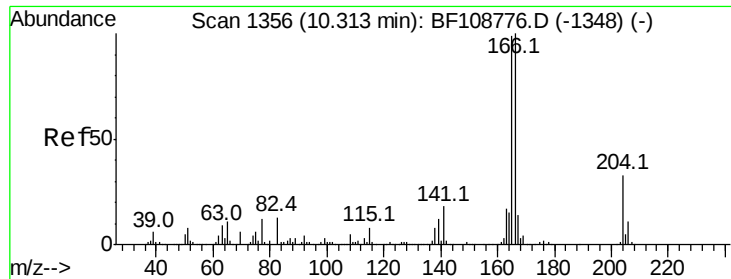
Sohil
9/12/2018 9:11:49 AM



#56
2,4-Dinitrotoluene
Concen: 50.199 ng
RT: 9.96 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	40.1	36.4	54.6	
89	68.8	57.8	86.6	
182	2.5	1.6	2.4#	





#57

Fluorene

Concen: 46.264 ng

RT: 10.32 min Scan# 1357

Delta R.T. 0.01 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

Instrument :

BNA_F

ClientSampleId :

PB112758BS

Tot Ion:166 Resp: 858136

Ion Ratio Lower Upper

166 100

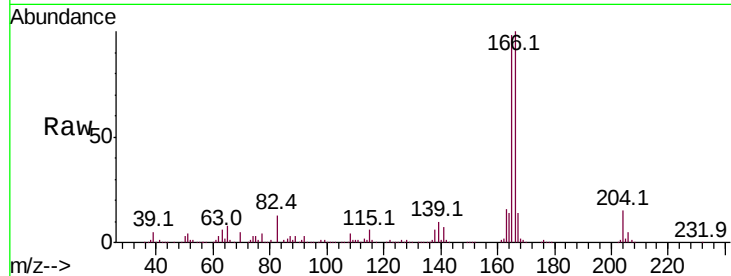
165 97.6 79.8 119.8

167 13.6 10.6 16.0

Manual Integrations
APPROVED

Sohil

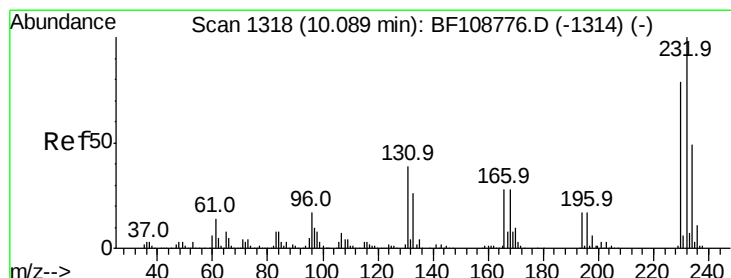
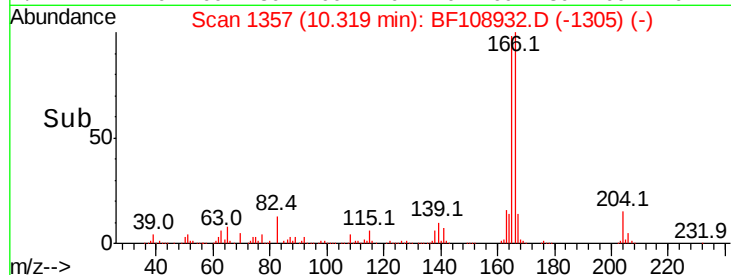
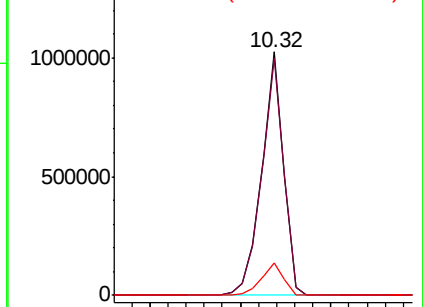
9/12/2018 9:11:49 AM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.200 ng

RT: 10.10 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

Tgt Ion:232 Resp: 265612

Ion Ratio Lower Upper

232 100

131 44.0 43.8 65.8

130 2.2 2.1 3.1

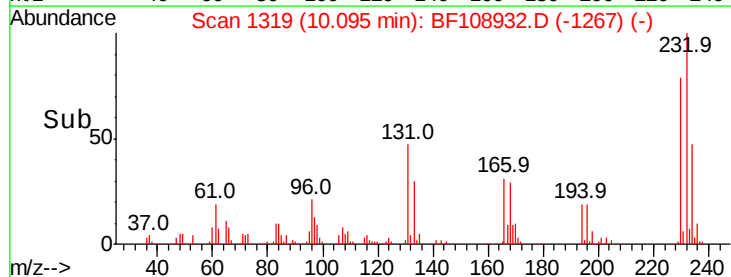
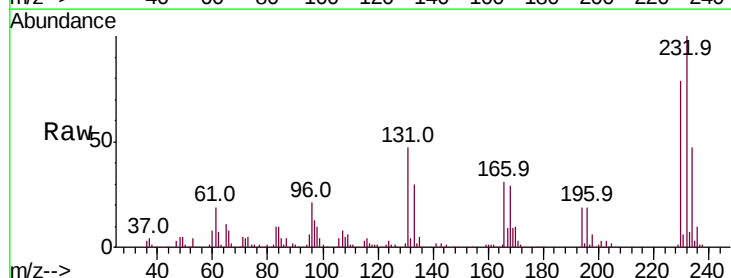
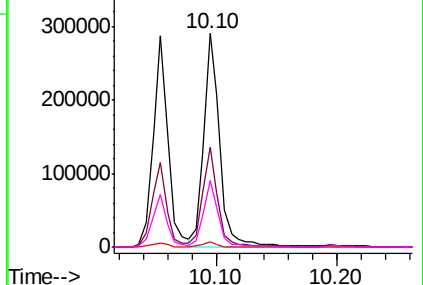
166 29.1 27.8 41.6

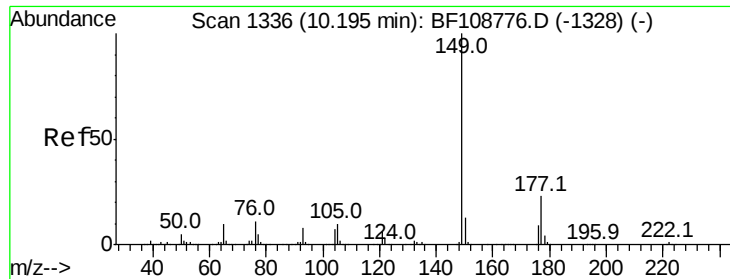
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





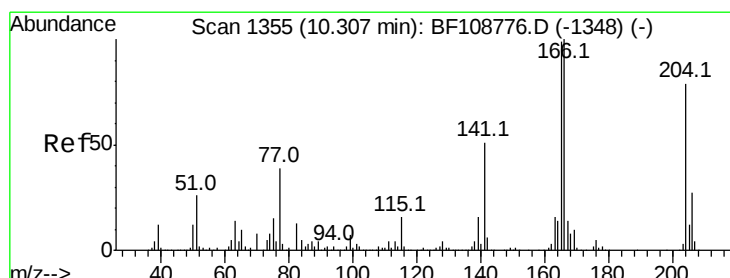
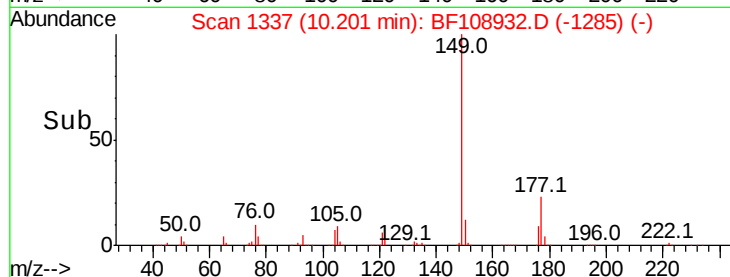
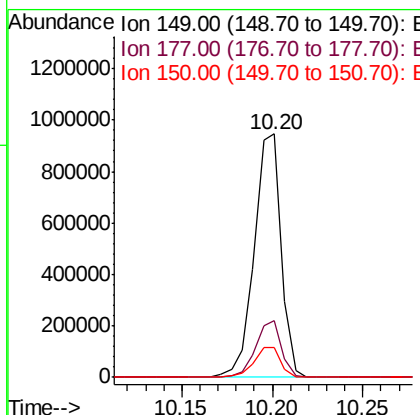
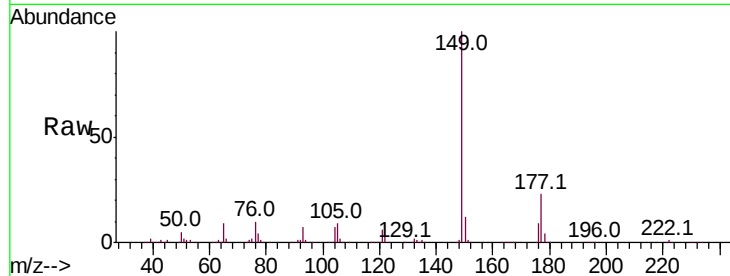
#59
Diethylphthalate
Concen: 39.219 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :
PB112758BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	977380		
177	23.1	16.1	24.1	
150	12.3	10.1	15.1	

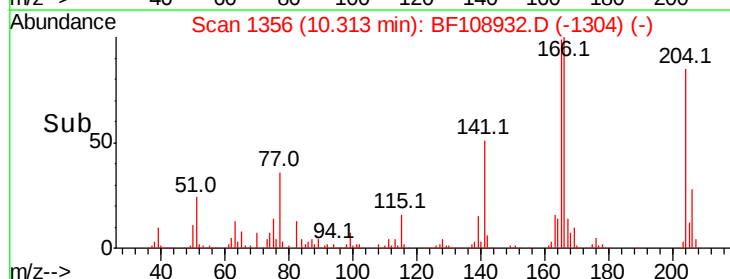
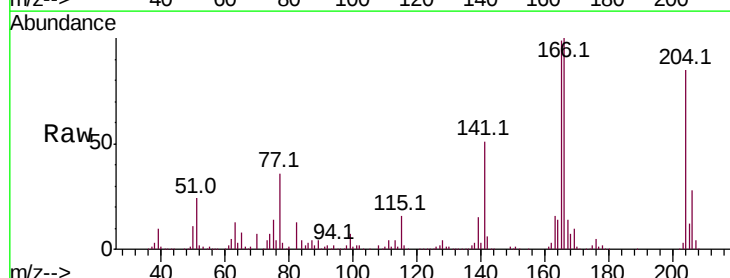
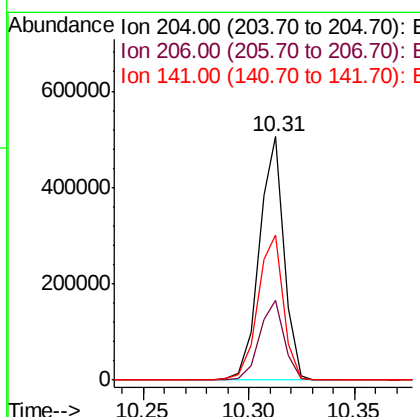
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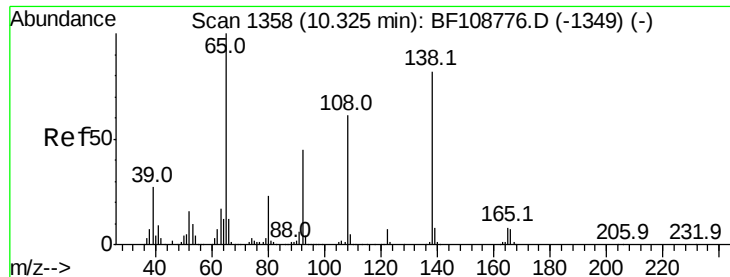
Sohil
9/12/2018 9:11:49 AM



#60
4-Chlorophenyl-phenylether
Concen: 41.490 ng
RT: 10.31 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	411008		
206	32.6	26.5	39.7	
141	59.7	54.6	81.8	





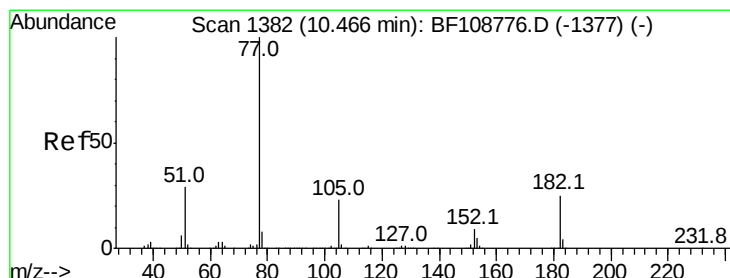
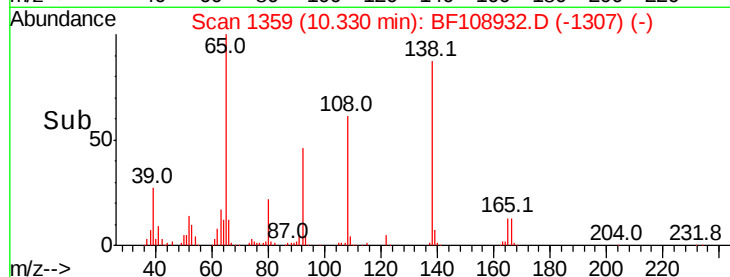
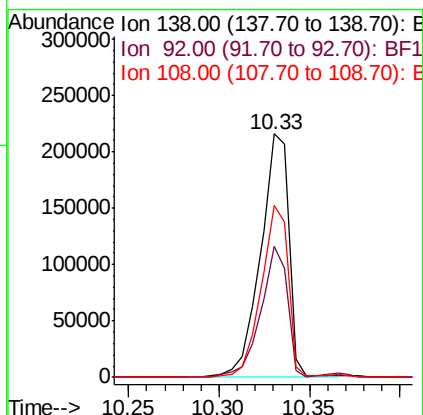
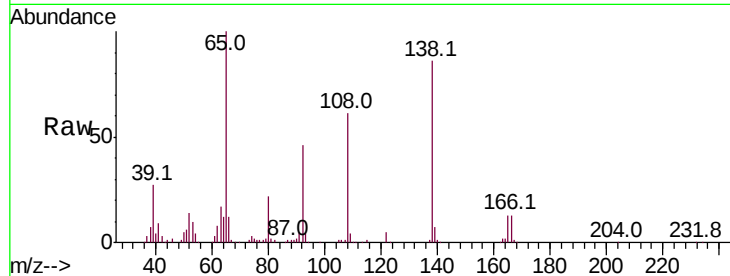
#61
4-Nitroaniline
Concen: 47.510 ng
RT: 10.33 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :
PB112758BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.5	30.2	70.2
108	70.4	52.5	92.5

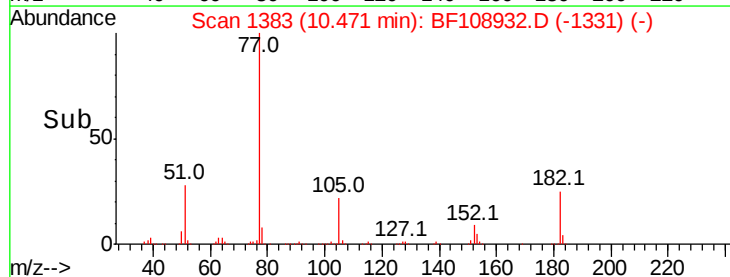
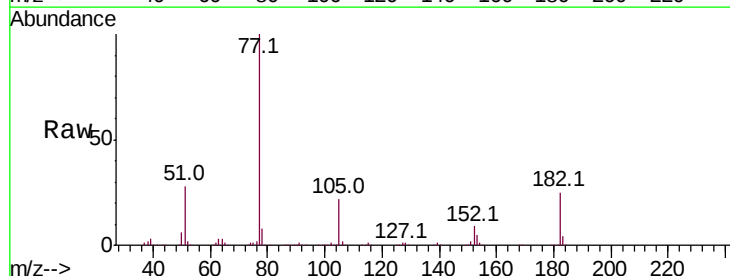
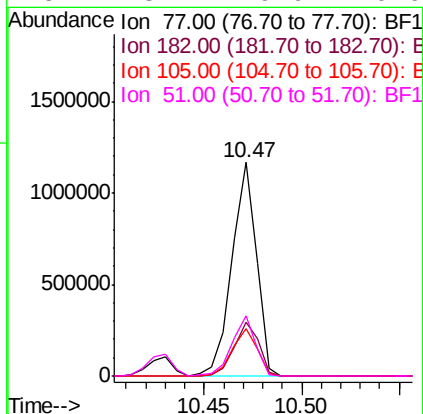
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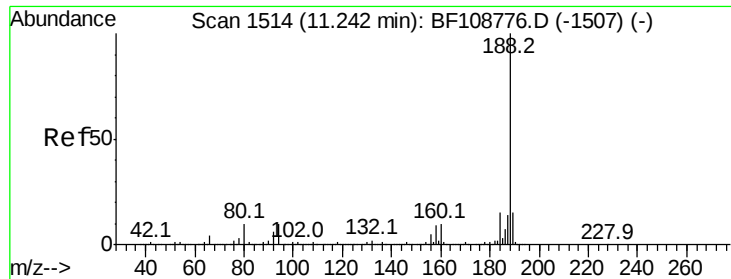
Sohil
9/12/2018 9:11:49 AM



#62
Azobenzene
Concen: 39.469 ng
RT: 10.47 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.2	1.7	41.7
105	22.2	3.0	43.0
51	28.1	9.9	49.9





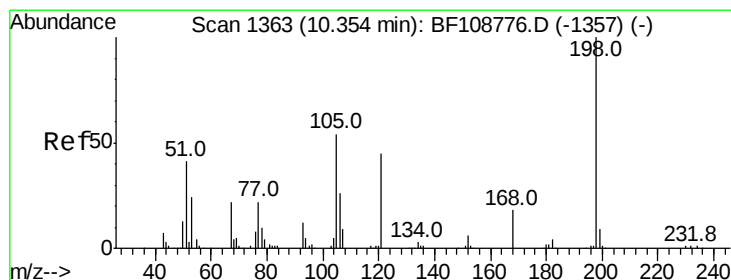
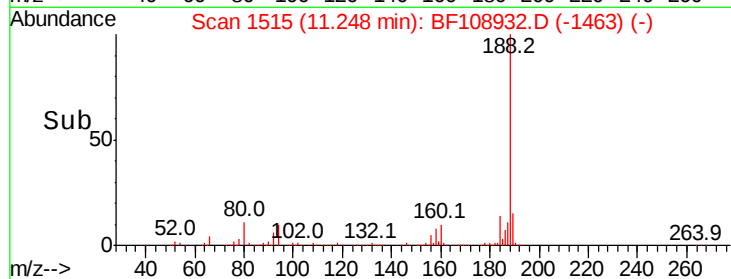
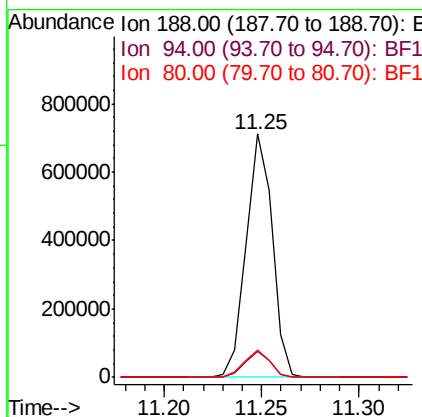
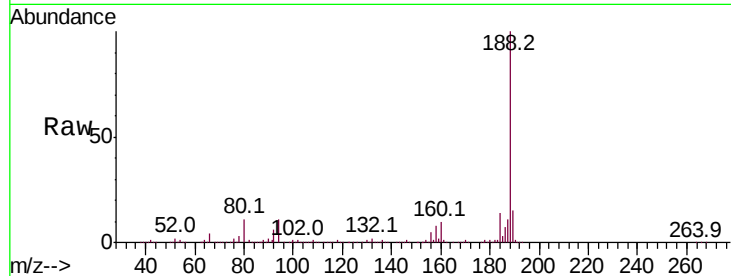
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :
PB112758BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	663158		
94	10.7		8.5	12.7
80	11.3		9.2	13.8

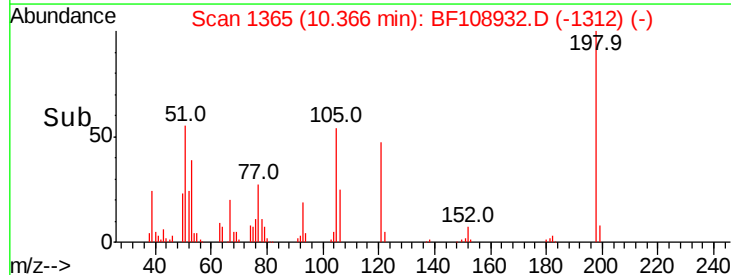
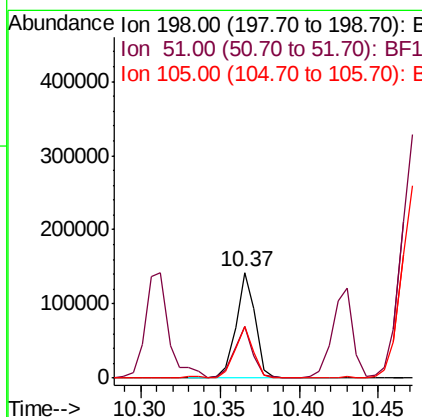
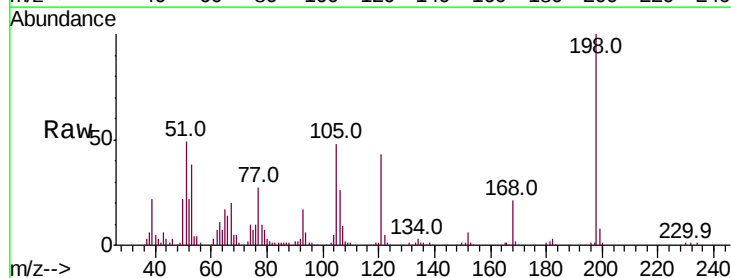
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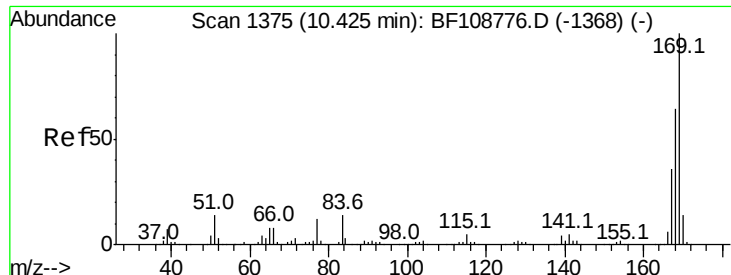
Sohil
9/12/2018 9:11:49 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 46.196 ng
RT: 10.37 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	119688		
51	49.0		37.7	77.7
105	48.4		36.3	76.3





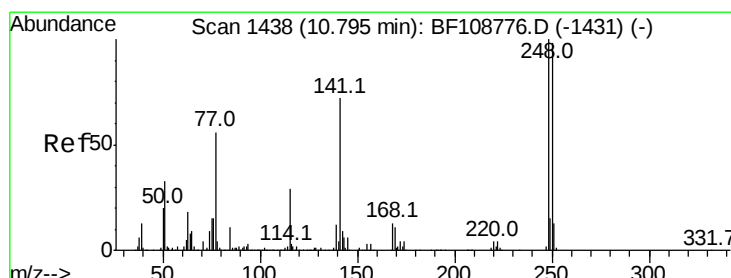
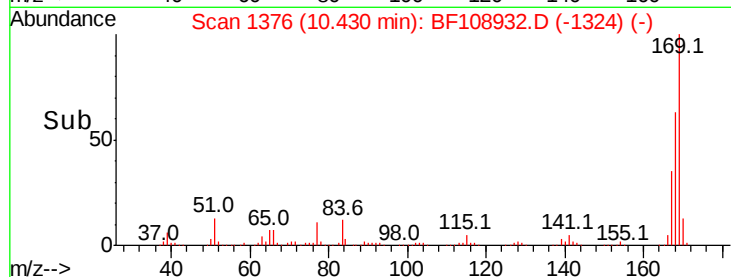
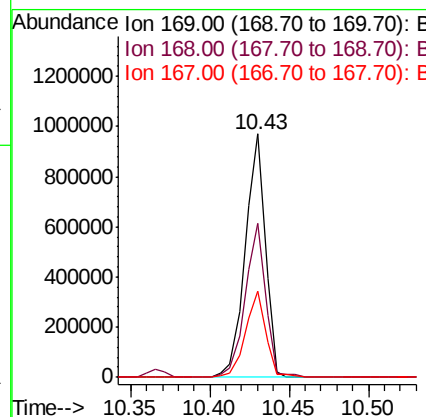
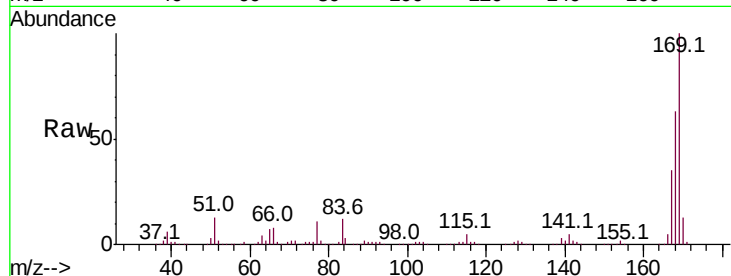
#65
 n-Nitrosodiphenylamine
 Concen: 38.637 ng
 RT: 10.43 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB112758BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	63.4	54.4	81.6	
167	35.3	29.8	44.6	

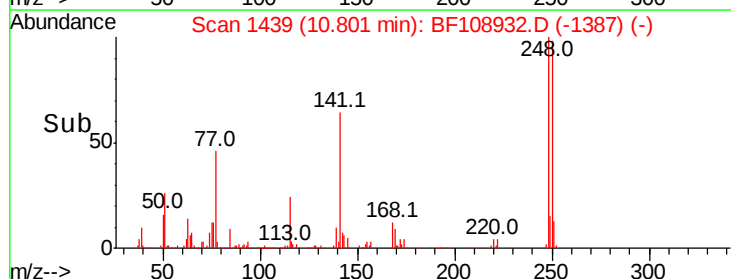
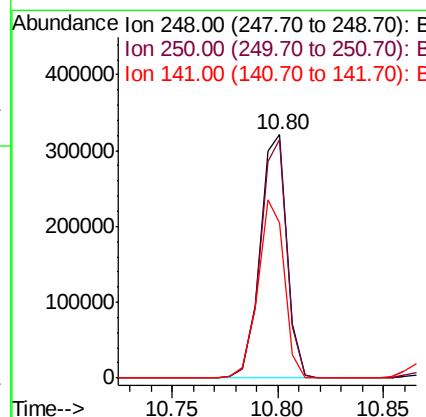
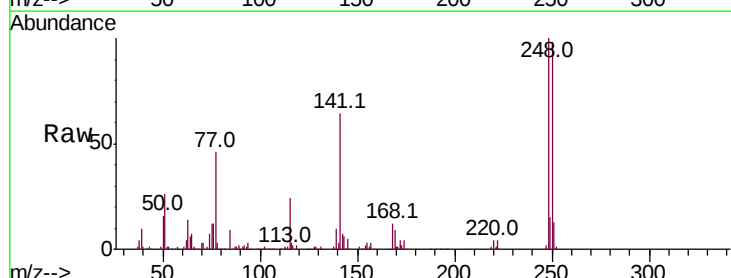
Manual Integrations
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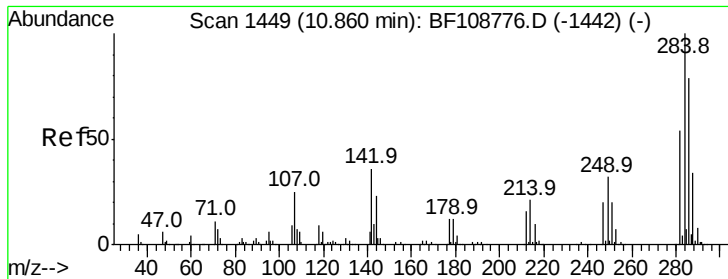
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#66
 4-Bromophenyl-phenylether
 Concen: 38.031 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.9	76.9	115.3	
141	63.6	74.4	111.6#	





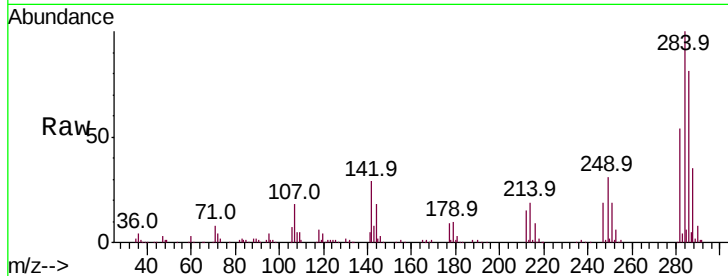
#67
Hexachlorobenzene
Concen: 37.487 ng
RT: 10.87 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :
PB112758BS

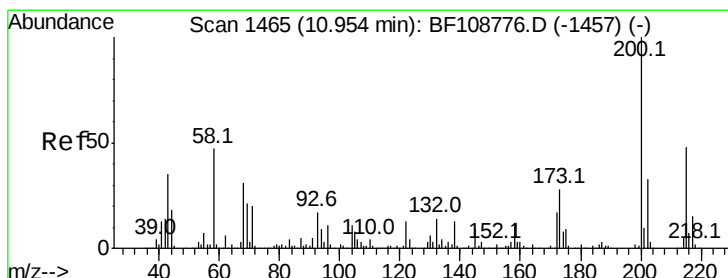
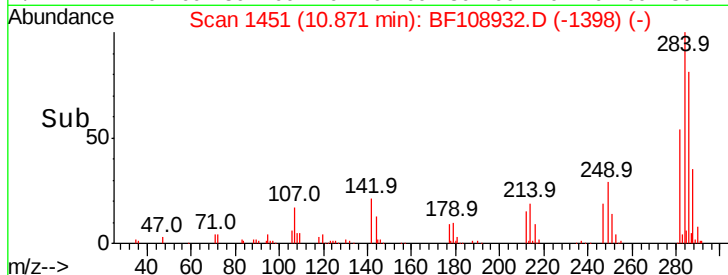
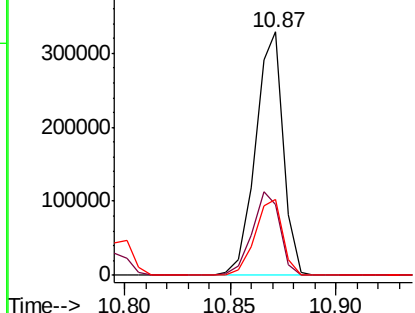
Tot Ion	Ratio	Resp	Lower	Upper
284	100	299729		
142	29.0	34.6	52.0#	
249	31.0	24.8	37.2	

Manual Integrations
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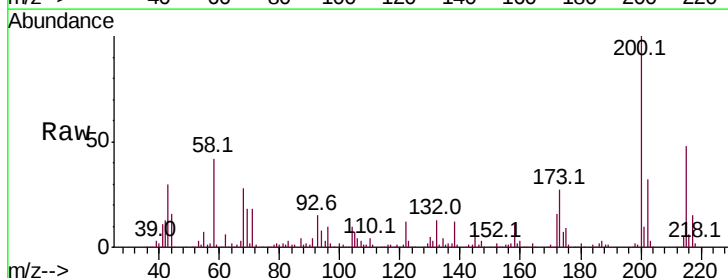


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

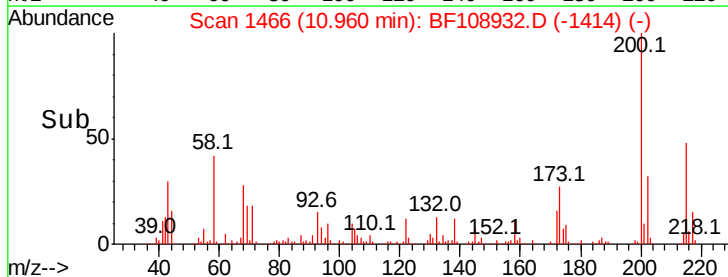
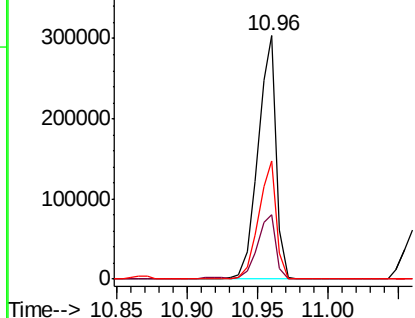


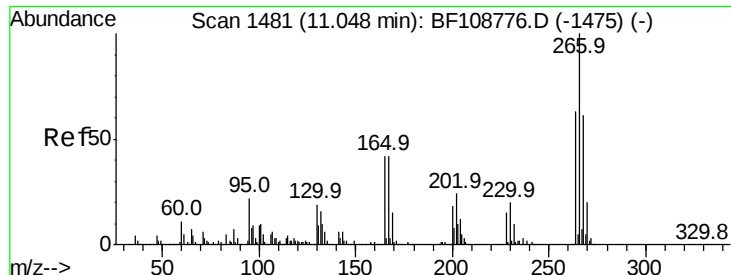
#68
Atrazine
Concen: 39.111 ng
RT: 10.96 min Scan# 1466
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	276064		
173	26.5	8.6	48.6	
215	48.3	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





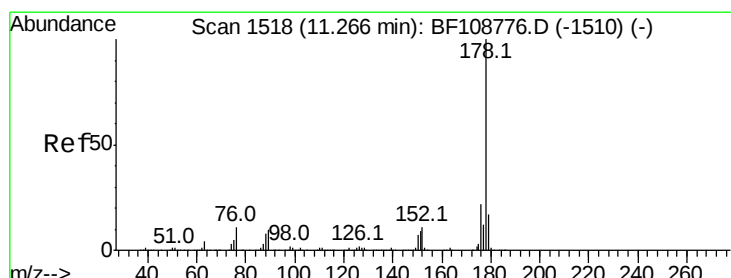
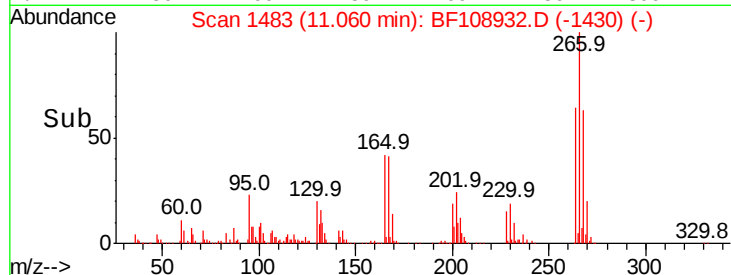
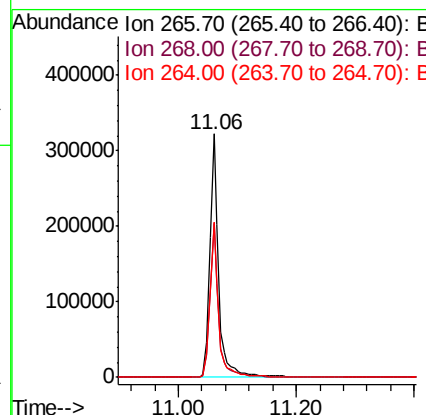
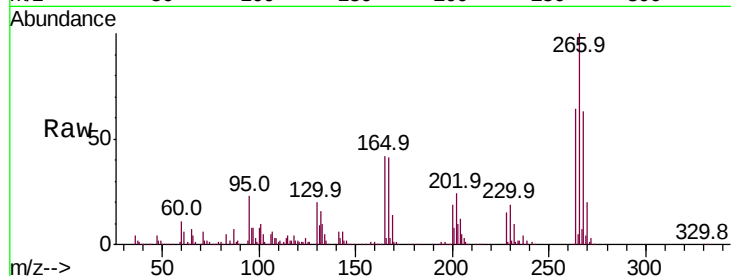
#69
 Pentachlorophenol
 Concen: 69.432 ng
 RT: 11.06 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB112758BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	339407		
268	63.5	51.1	76.7	
264	63.8	49.5	74.3	

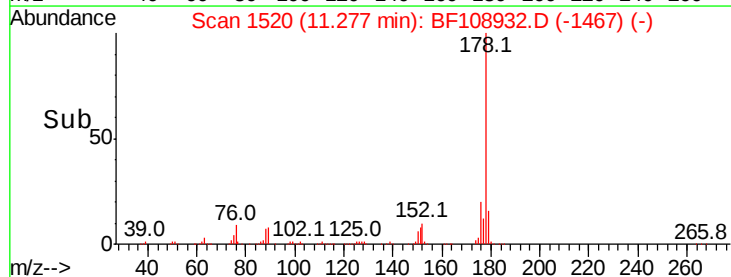
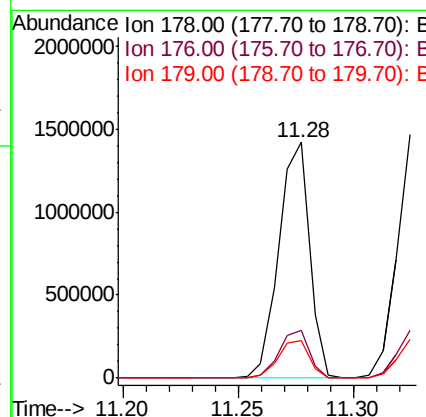
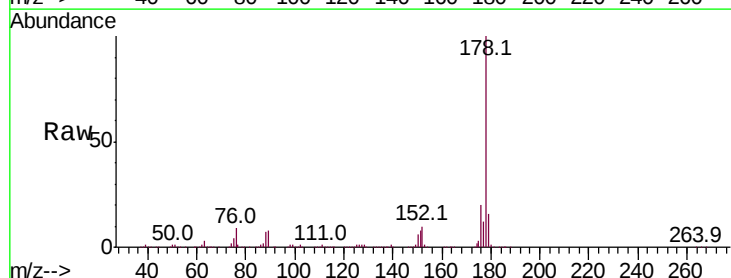
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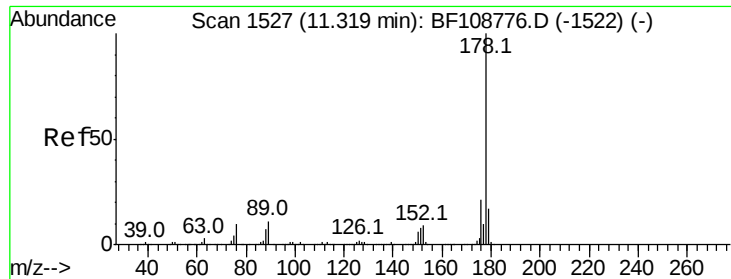
Sohil
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#70
 Phenanthrene
 Concen: 41.533 ng
 RT: 11.28 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1315310		
176	20.5	15.8	23.8	
179	15.8	13.0	19.6	





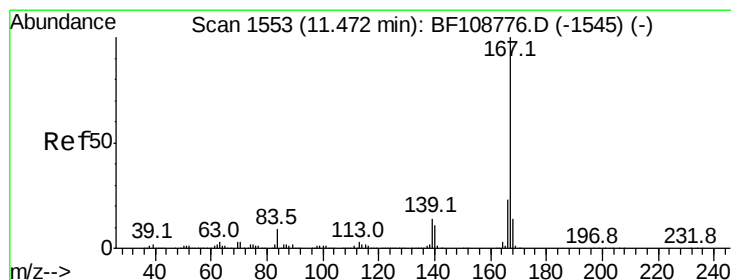
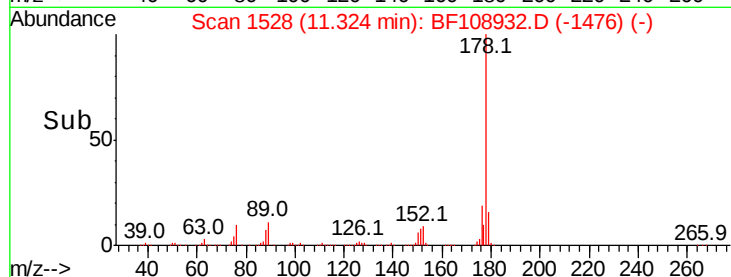
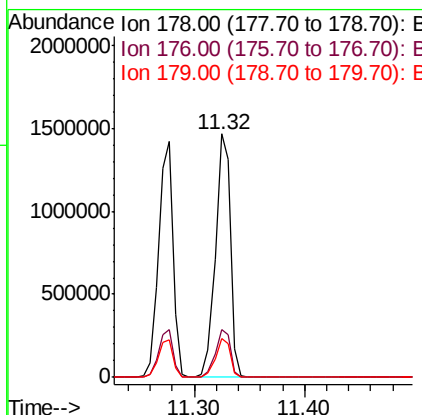
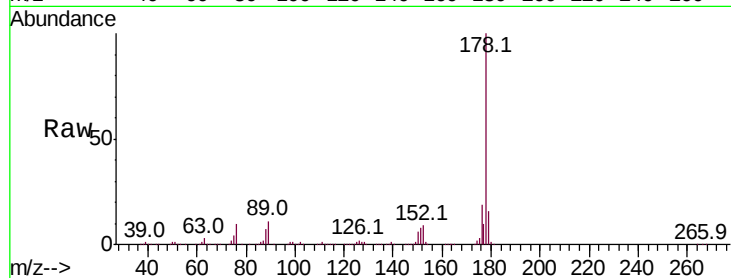
#71
 Anthracene
 Concen: 45.161 ng
 RT: 11.32 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB112758BS

Tot Ion:178 Resp: 1369320
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.7 12.6 19.0

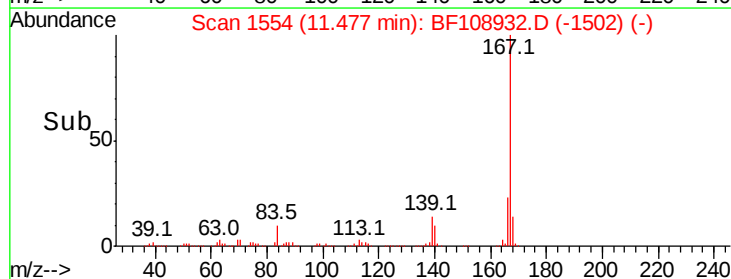
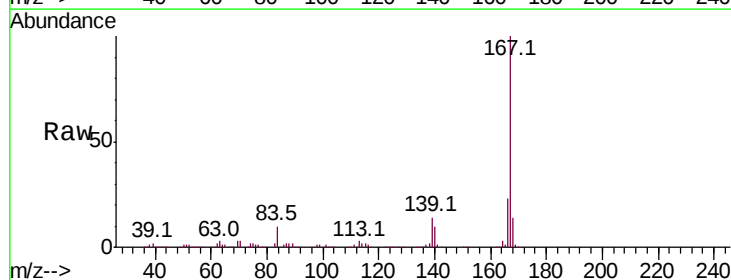
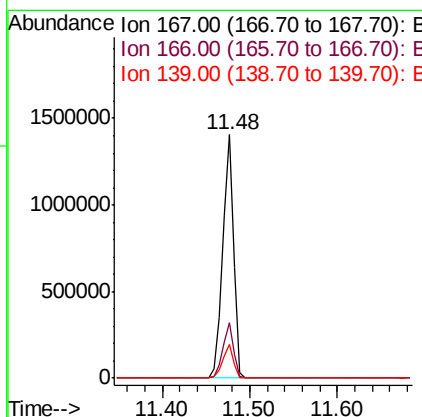
Manual Integrations
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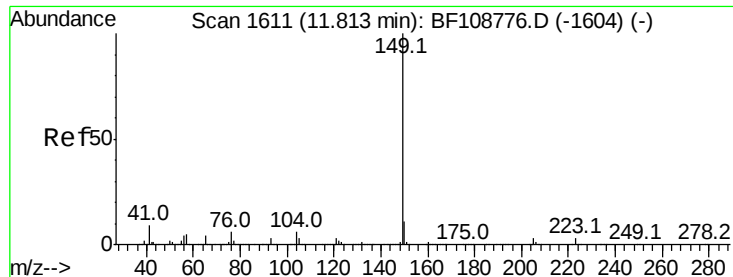
Sohil
 9/12/2018 9:11:49 AM



#72
 Carbazole
 Concen: 38.207 ng
 RT: 11.48 min Scan# 1554
 Delta R.T. 0.01 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Tgt Ion:167 Resp: 1220035
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 13.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 41.817 ng

RT: 11.82 min Scan# 1612

Delta R.T. 0.01 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

Instrument :

BNA_F

ClientSampleId :

PB112758BS

Tot Ion:149 Resp: 1482841

Ion Ratio Lower Upper

149 100

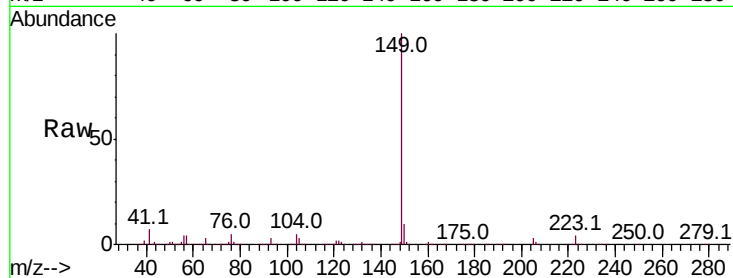
150 9.8 7.8 11.6

104 4.9 3.8 5.8

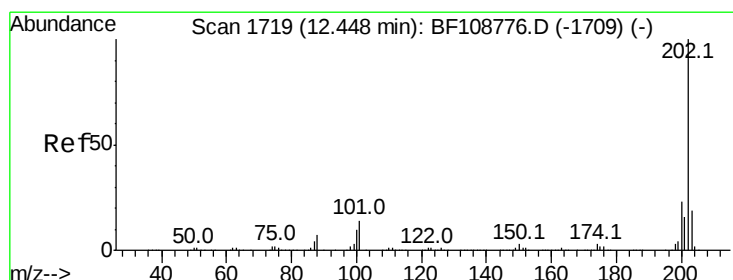
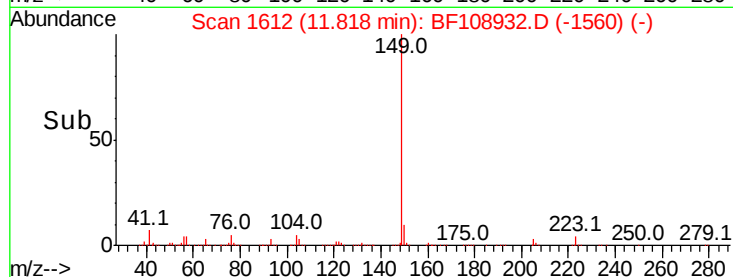
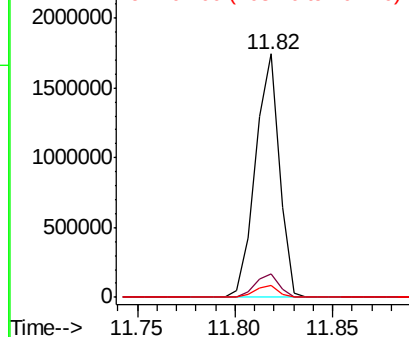
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.942 ng

RT: 12.45 min Scan# 1720

Delta R.T. 0.01 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

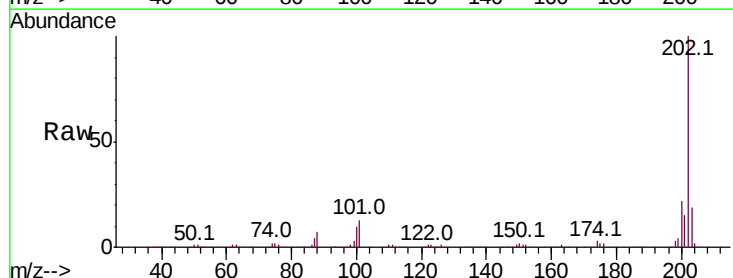
Tgt Ion:202 Resp: 1377819

Ion Ratio Lower Upper

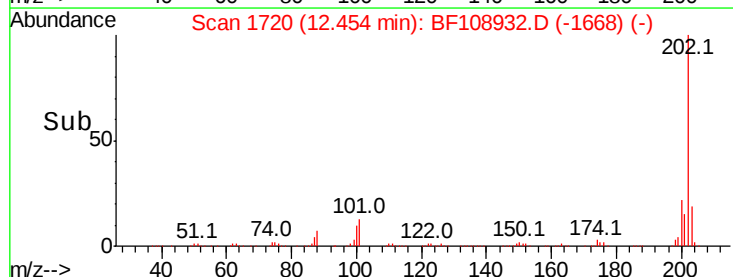
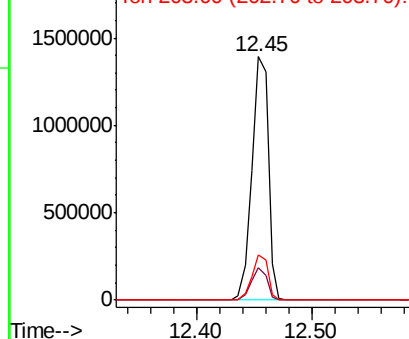
202 100

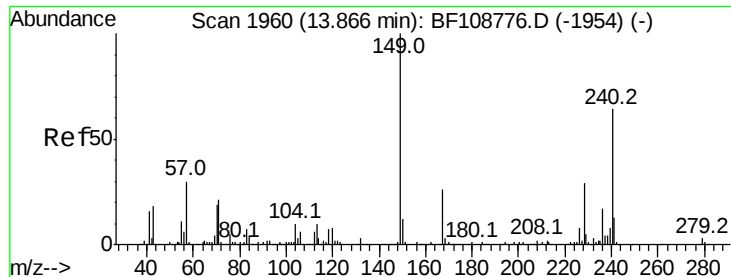
101 13.4 0.0 34.1

203 18.8 0.0 38.1



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 1962

Delta R.T. 0.01 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

Instrument :

BNA_F

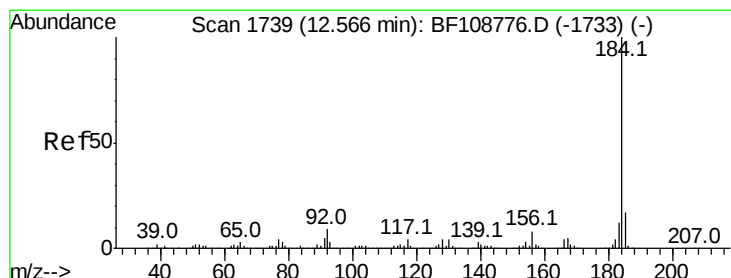
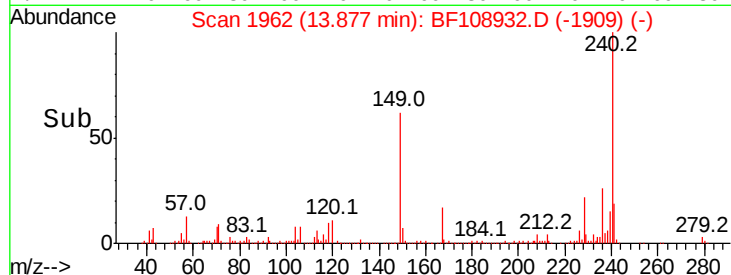
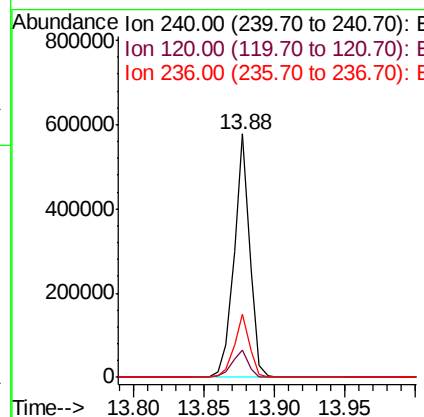
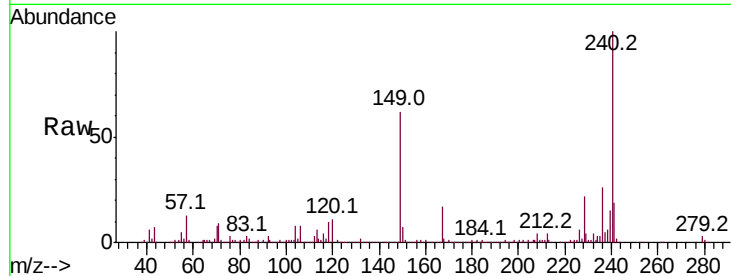
ClientSampleId :

PB112758BS

Tot Ion:	240	Resp:	441124
Ion Ratio	Lower	Upper	
240	100		
120	11.3	9.5	14.3
236	26.1	20.7	31.1

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#76

Benzidine

Concen: 28.971 ng

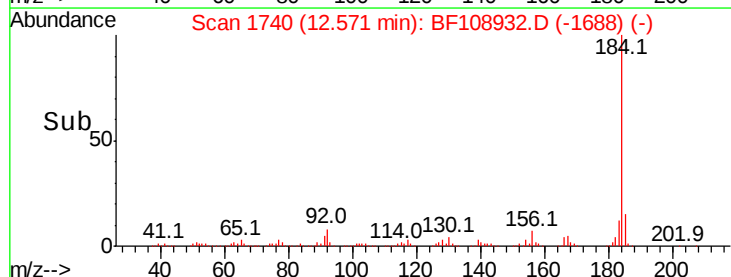
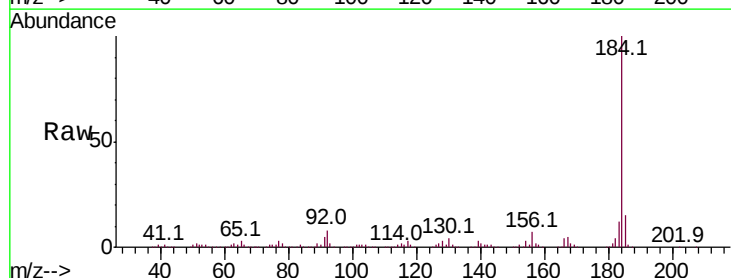
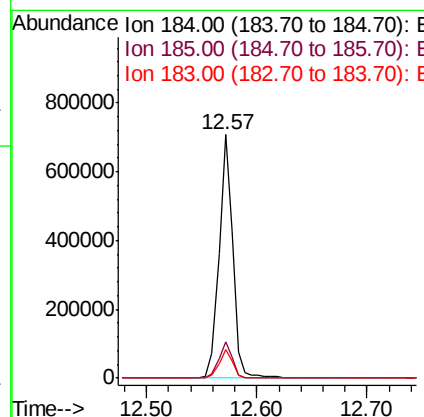
RT: 12.57 min Scan# 1740

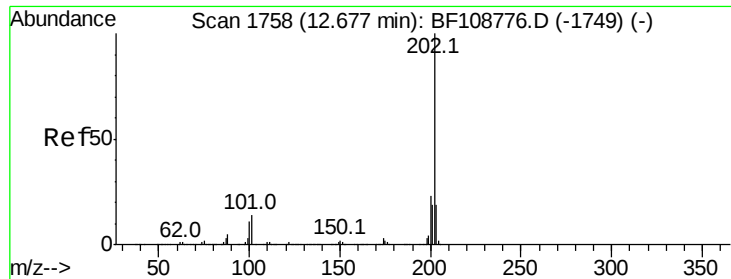
Delta R.T. 0.01 min

Lab File: BF108932.D

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Tgt Ion:	184	Resp:	605707
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.6	18.8
183	11.6	9.3	13.9





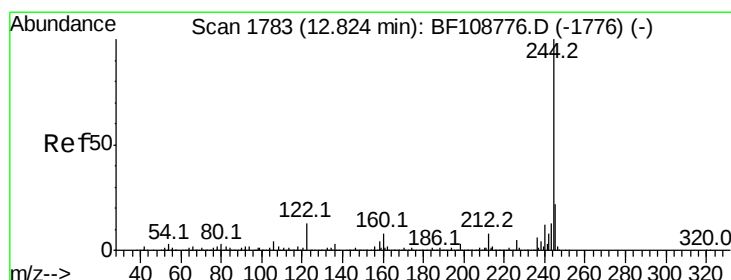
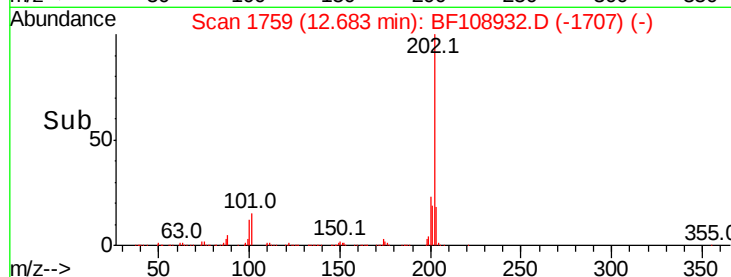
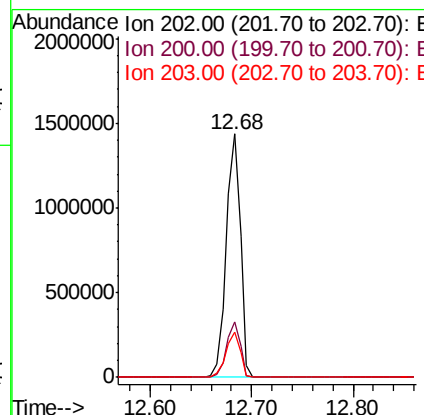
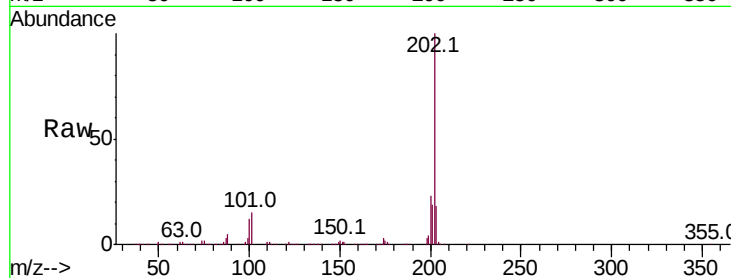
#77
Pvrene
Concen: 40.813 ng
RT: 12.68 min Scan# 1759
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :
PB112758BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.4	26.2
203	18.5	14.3	21.5

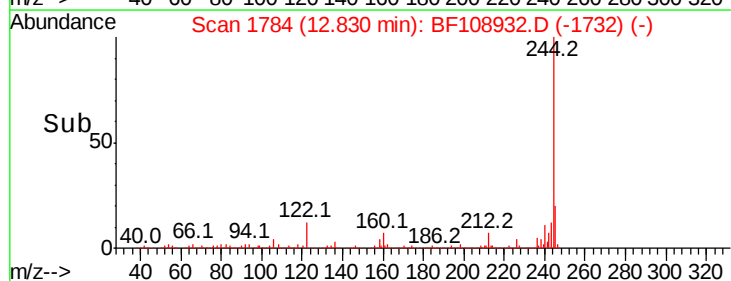
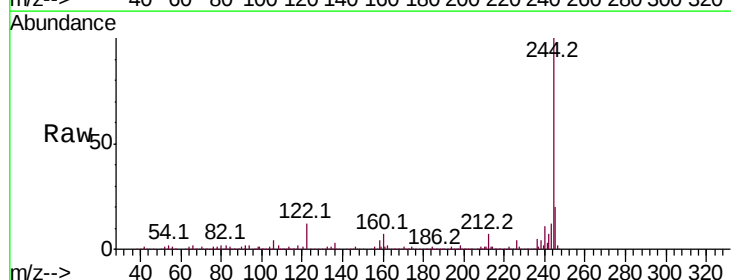
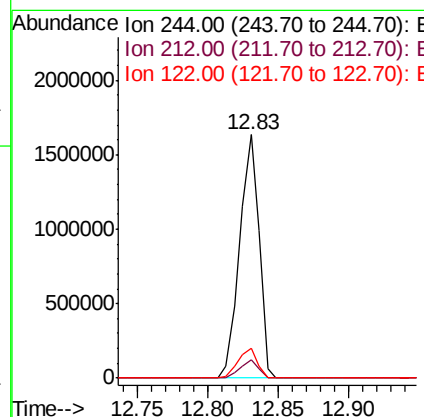
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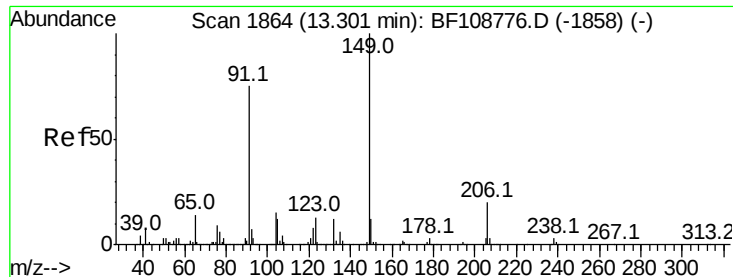
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#78
Terphenyl-d14
Concen: 82.451 ng
RT: 12.83 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	12.3	11.0	16.4





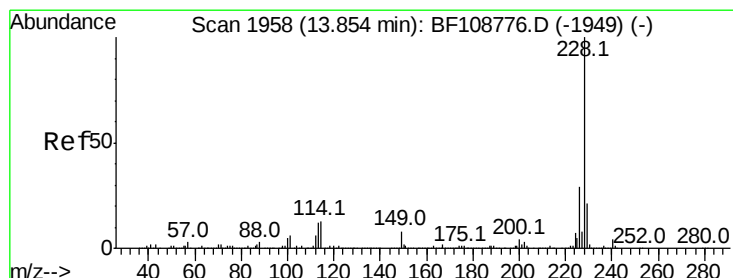
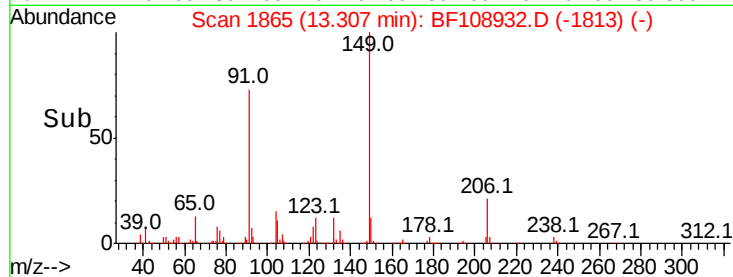
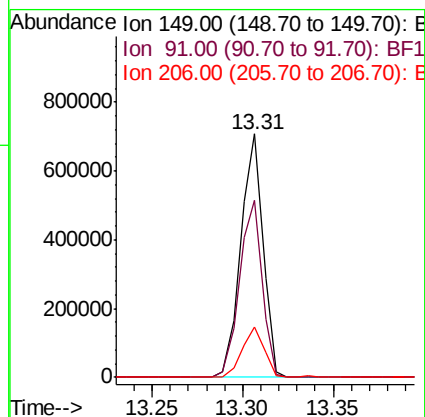
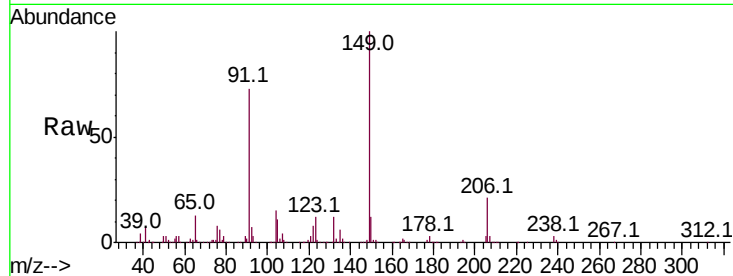
#79
Butylbenzylphthalate
Concen: 39.546 ng
RT: 13.31 min Scan# 1865
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :
PB112758BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	604495		
91	72.8	56.8	85.2	
206	20.6	14.1	21.1	

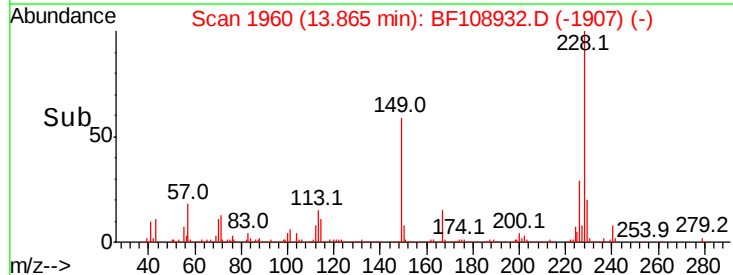
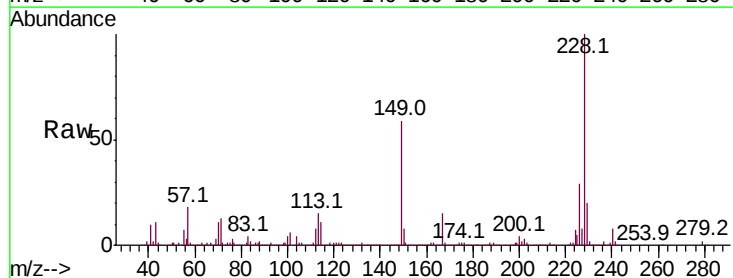
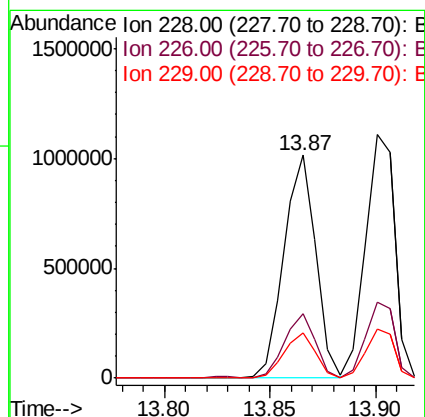
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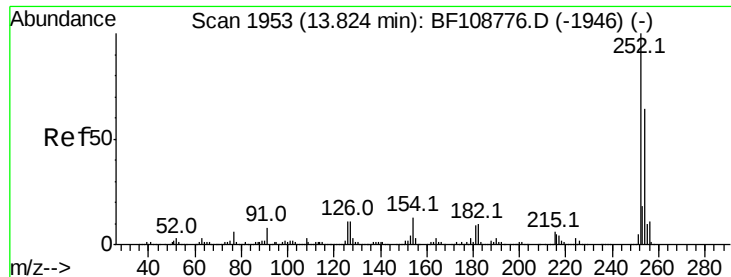
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#80
Benzo(a)anthracene
Concen: 37.753 ng
RT: 13.87 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1067466		
226	28.6	22.6	33.8	
229	20.3	15.8	23.6	





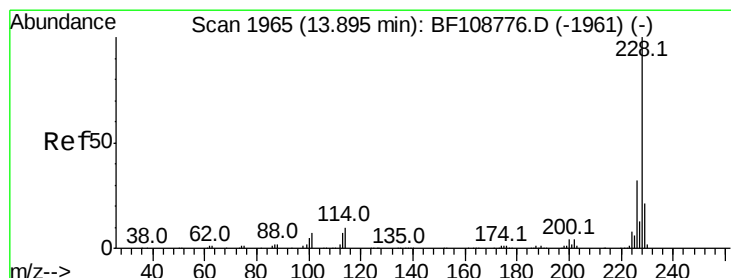
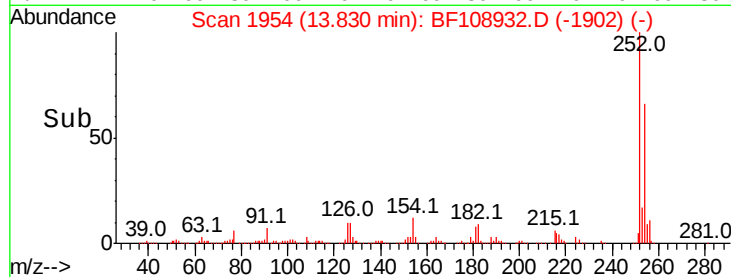
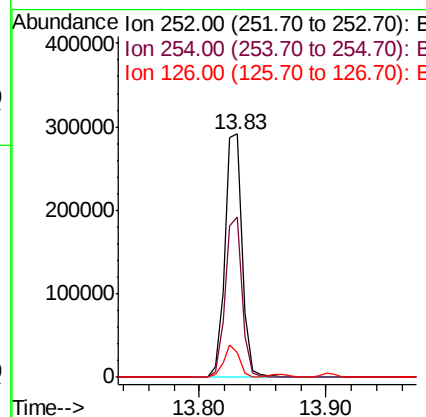
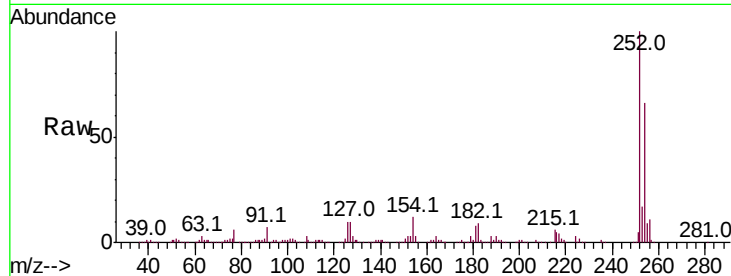
#81
 3,3'-Dichlorobenzidine
 Concen: 25.253 ng
 RT: 13.83 min Scan# 1954
 Delta R.T. 0.01 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB112758BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.9	50.4	75.6
126	10.2	11.3	16.9

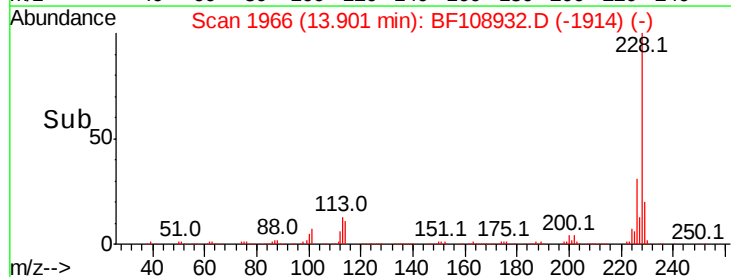
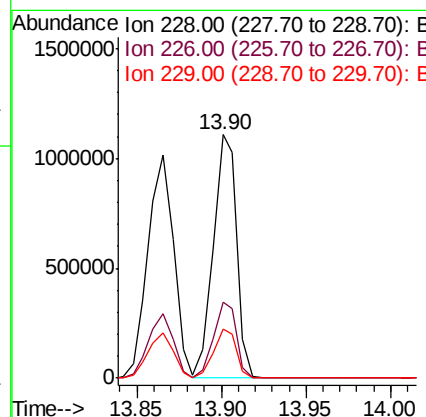
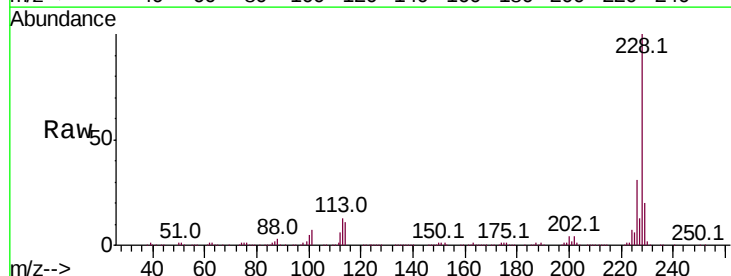
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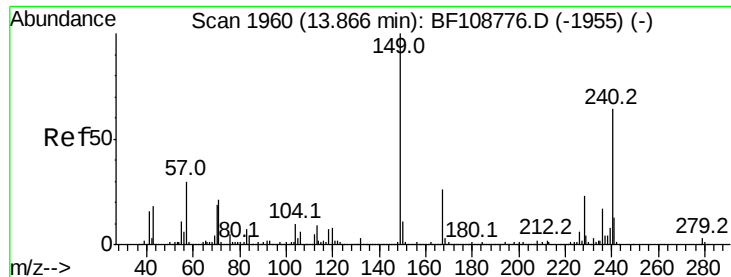
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#82
 Chrysene
 Concen: 39.079 ng
 RT: 13.90 min Scan# 1966
 Delta R.T. 0.01 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.2	25.0	37.6
229	20.2	16.2	24.4





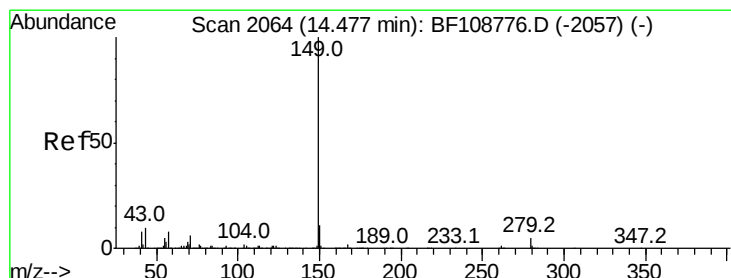
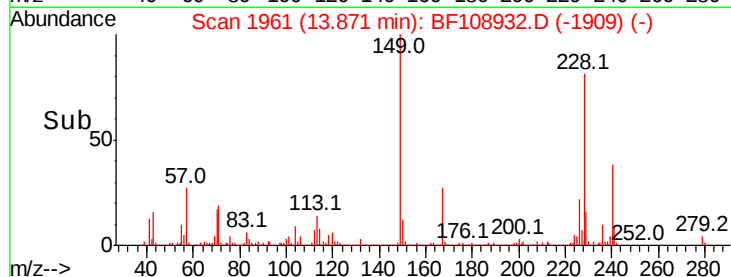
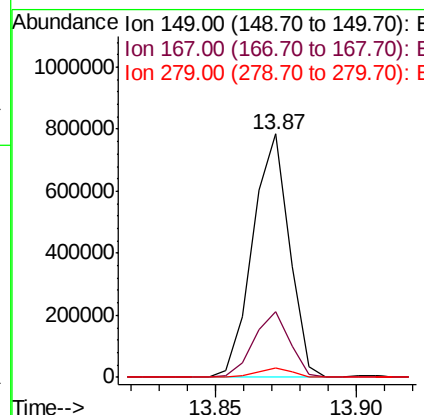
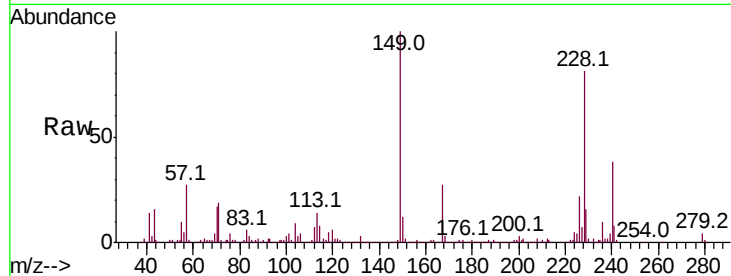
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.710 ng
 RT: 13.87 min Scan# 1961
 Delta R.T. 0.01 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Instrument :
 BNA_F
 ClientSampleID :
 PB112758BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	3.9	3.0	4.4

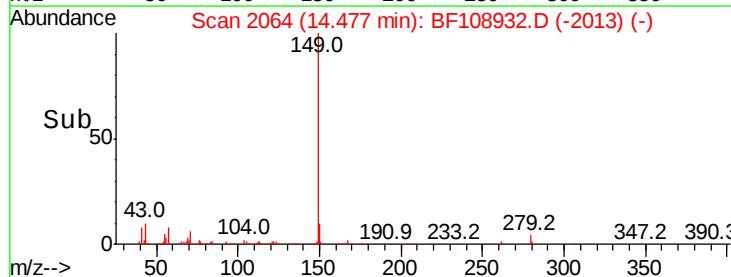
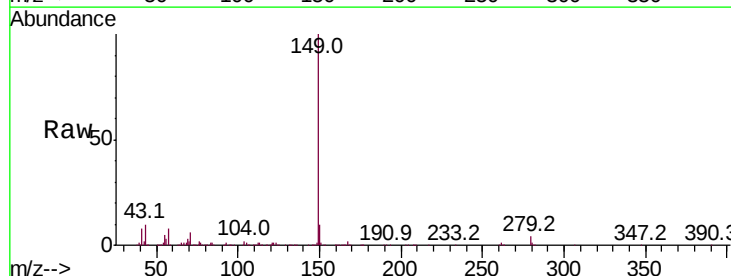
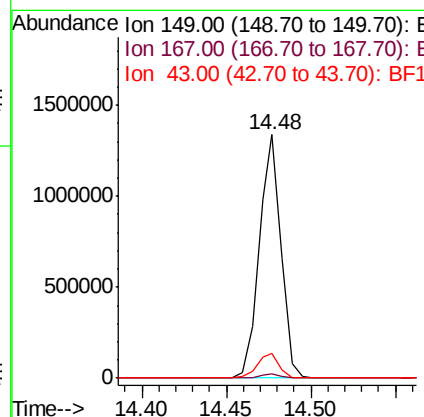
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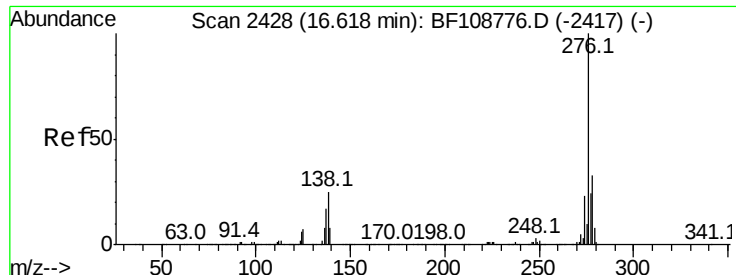
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#84
 Di-n-octyl phthalate
 Concen: 37.342 ng
 RT: 14.48 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.1	8.4	12.6





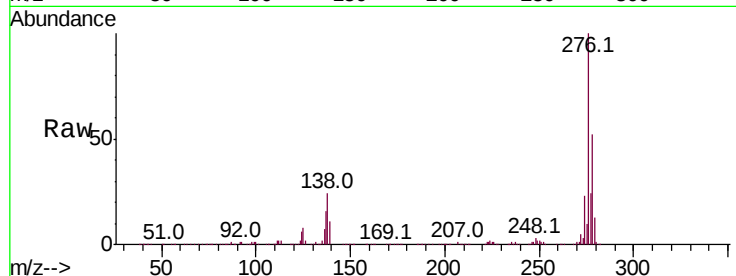
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.074 ng
 RT: 16.65 min Scan# 2433
 Delta R.T. 0.03 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB112758BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.2	25.0	37.6
277	25.0	20.1	30.1

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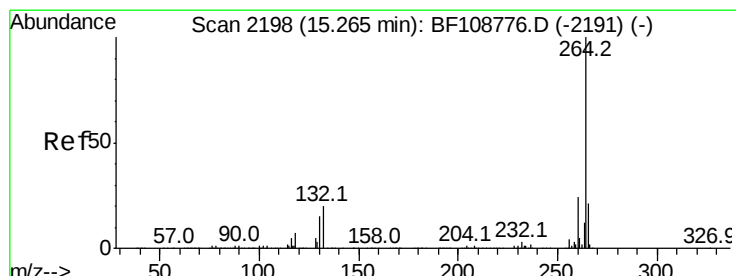
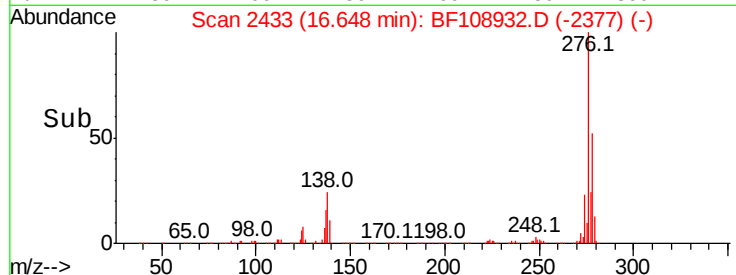
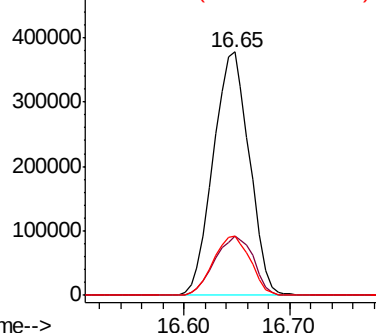


Abundance

Ion 276.00 (275.70 to 276.70): E

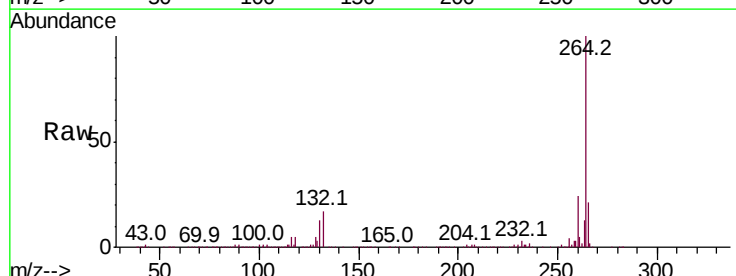
Ion 138.00 (137.70 to 138.70): E

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: BF108932.D
 Acq: 11 Sep 2018 13:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.3	17.5	26.3

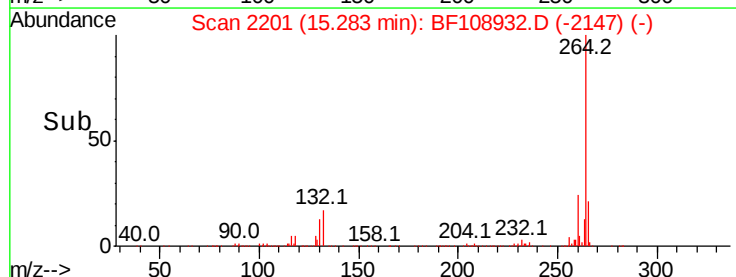
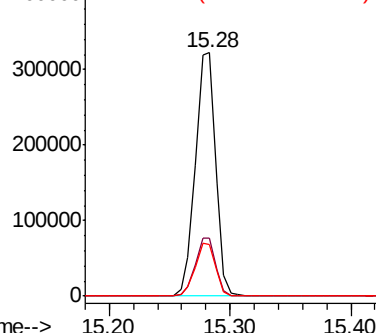


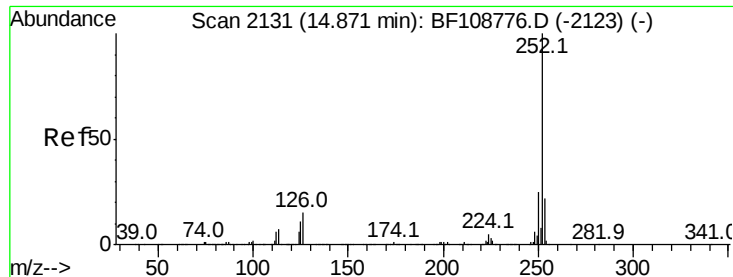
Abundance

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





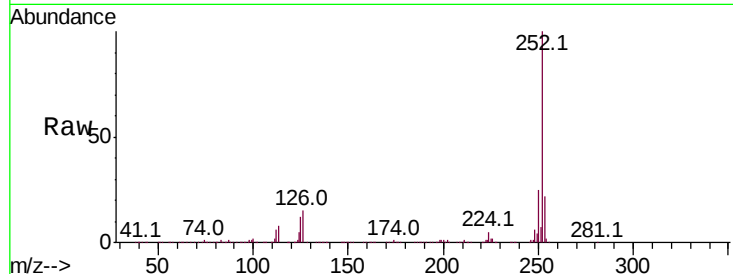
#87
Benzo(b)fluoranthene
Concen: 43.508 ng
RT: 14.88 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :
PB112758BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	890155		
253	22.4		17.0	25.6
125	11.6		9.0	13.6

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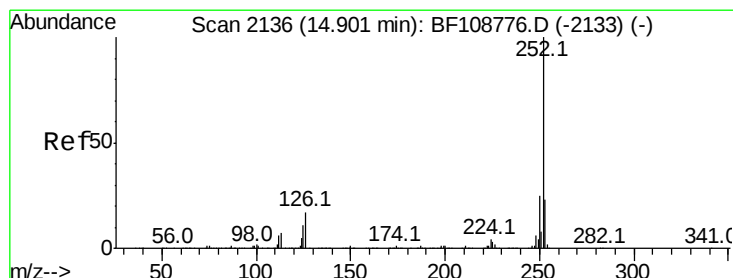
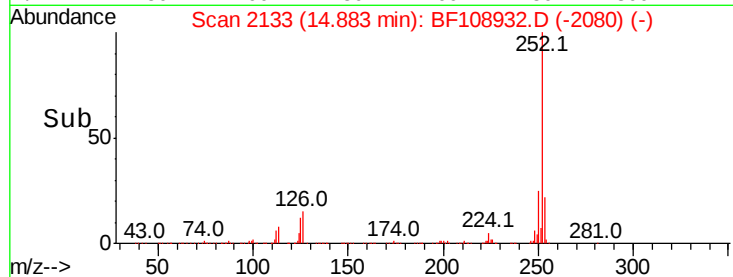
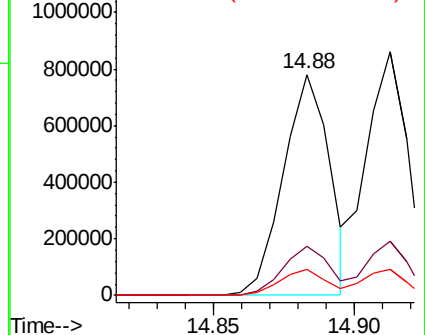


Abundance

Ion 252.00 (251.70 to 252.70): E

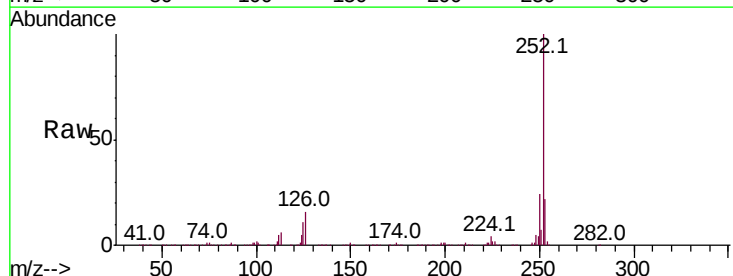
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 46.239 ng
RT: 14.91 min Scan# 2138
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	871194		
253	22.1		17.9	26.9
125	10.7		10.2	15.2

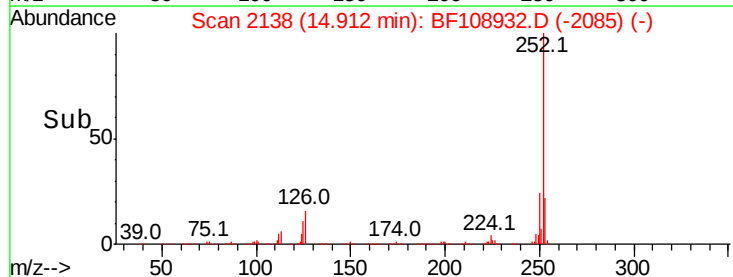
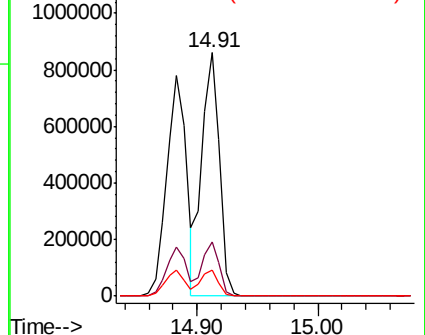


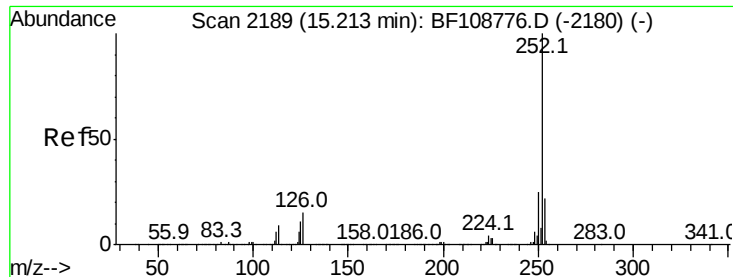
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





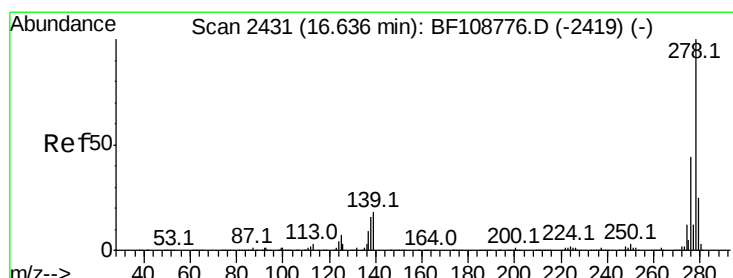
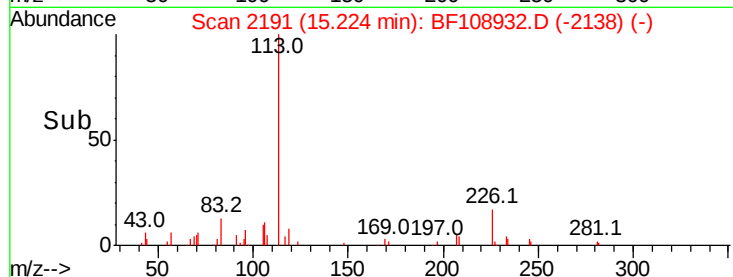
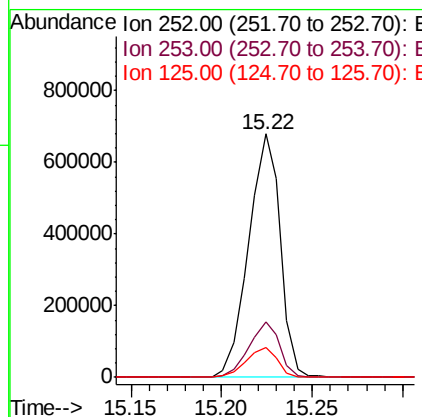
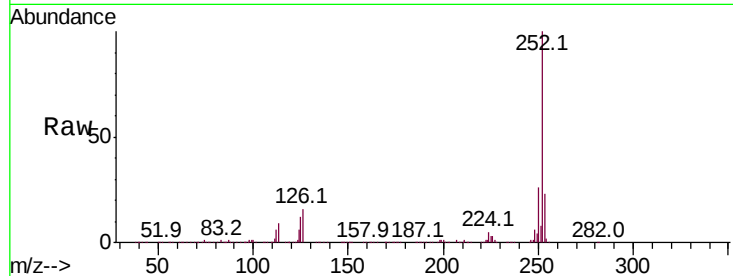
#89
Benzo(a)pyrene
Concen: 44.553 ng
RT: 15.22 min Scan# 2191
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :
PB112758BS

Tot Ion:	252	Resp:	822489
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.1	25.7
125	12.3	9.8	14.6

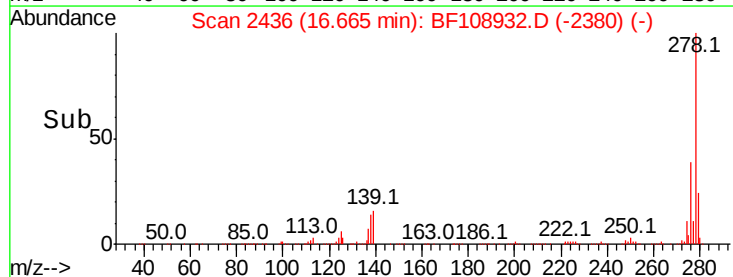
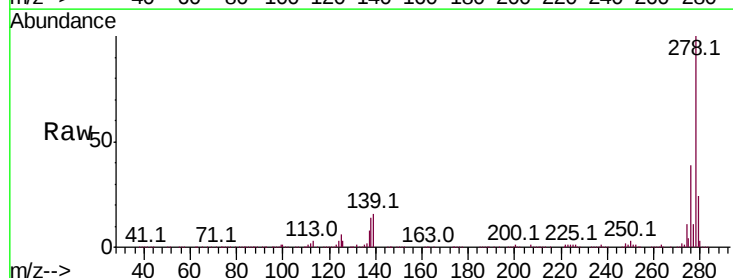
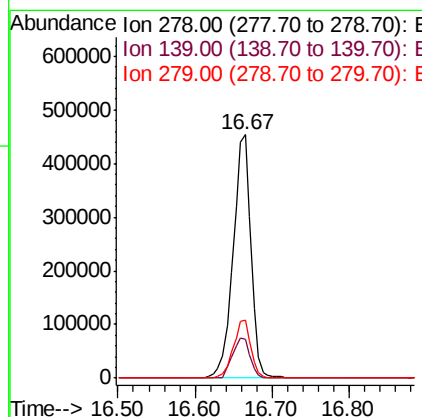
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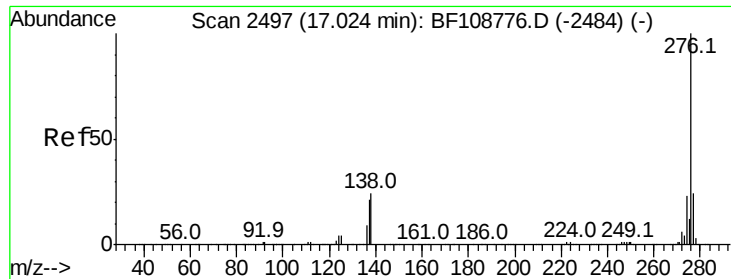
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#90
Dibenzo(a,h)anthracene
Concen: 45.292 ng
RT: 16.67 min Scan# 2436
Delta R.T. 0.03 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion:	278	Resp:	736753
Ion Ratio	Lower	Upper	
278	100		
139	16.0	15.9	23.9
279	23.6	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 48.294 ng
 RT: 17.06 min Scan# 2503
 Delta R.T. 0.04 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB112758BS

Tot Ion:	276	Resp:	786580
Ion Ratio	Lower	Upper	
276	100		
277	23.7	17.9	26.9
138	21.9	21.8	32.8

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