

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
 Data File : BF108991.D
 Acq On : 14 Sep 2018 13:28
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091418

Manual Integrations
 APPROVED

Sohil
 9/17/2018 1:59:22 PM

Quant Time: Sep 14 13:59:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	219644	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	903035	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	445843	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	859452	20.00	ng	0.00
75) Chrysene-d12	13.87	240	604530	20.00	ng	0.00
86) Perylene-d12	15.27	264	624148	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	984033	74.41	ng	0.00
7) Phenol-d6	6.37	99	1327014	77.82	ng	0.00
23) Nitrobenzene-d5	7.29	82	1255929	78.01	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	380532	78.65	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	2110018	74.15	ng	0.00
78) Terphenyl-d14	12.82	244	1894698	74.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	237552	37.736	ng	93
3) Pyridine	3.08	79	653291	39.148	ng	91
4) n-Nitrosodimethylamine	3.03	42	260978	41.409	ng	# 94
6) Aniline	6.39	93	879525	39.904	ng	98
8) 2-Chlorophenol	6.51	128	580457	39.222	ng	95
9) Benzaldehyde	6.27	77	435698	40.006	ng	99
10) Phenol	6.38	94	728541	37.970	ng	76
11) bis(2-Chloroethyl)ether	6.47	93	605051	40.083	ng	96
12) 1,3-Dichlorobenzene	6.67	146	653437	38.608	ng	99
13) 1,4-Dichlorobenzene	6.74	146	655190	38.588	ng	98
14) 1,2-Dichlorobenzene	6.90	146	602235	38.259	ng	99
15) Benzyl Alcohol	6.87	79	516748	39.916	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	868106	40.138	ng	96
17) 2-Methylphenol	6.98	107	490378	40.614	ng	98
18) Hexachloroethane	7.24	117	243947	39.559	ng	97
19) n-Nitroso-di-n-propylamine	7.15	70	458502	40.678	ng	97
20) 3+4-Methylphenols	7.14	107	553440	38.059	ng	# 67
22) Acetophenone	7.14	105	771773	37.633	ng	# 91
24) Nitrobenzene	7.31	77	655751	39.504	ng	98
25) Isophorone	7.55	82	1111370	40.157	ng	98
26) 2-Nitrophenol	7.62	139	318077	41.037	ng	99
27) 2,4-Dimethylphenol	7.67	122	482961	39.722	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	723326	38.838	ng	99
29) 2,4-Dichlorophenol	7.87	162	515740	39.805	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	537913	38.407	ng	98
31) Naphthalene	8.03	128	1587422	37.874	ng	99
32) Benzoic acid	7.82	122	338850m	42.652	ng	
33) 4-Chloroaniline	8.08	127	716238	38.434	ng	99
34) Hexachlorobutadiene	8.15	225	333974	39.059	ng	99
35) Caprolactam	8.47	113	176214m	41.716	ng	
36) 4-Chloro-3-methylphenol	8.57	107	533996	39.151	ng	98
37) 2-Methylnaphthalene	8.72	142	1033450	37.825	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	519183	36.999	ng	98
40) Hexachlorocyclopentadiene	8.88	237	304224	43.030	ng	97

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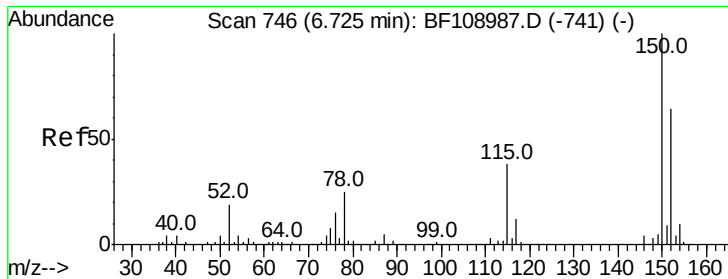
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	373550	39.605	nq	100
43) 2,4,5-Trichlorophenol	9.04	196	397315	40.310	nq	97
45) 1,1'-Biphenyl	9.19	154	1323905	37.116	nq	98
46) 2-Chloronaphthalene	9.21	162	1080663	37.830	nq	100
47) 2-Nitroaniline	9.30	65	352771	40.170	nq	96
48) Acenaphthylene	9.62	152	1615573	37.511	nq	100
49) Dimethylphthalate	9.50	163	1235476	38.771	nq	99
50) 2,6-Dinitrotoluene	9.55	165	283288	40.087	nq	98
51) Acenaphthene	9.80	154	1017235	37.930	nq	99
52) 3-Nitroaniline	9.71	138	333230	40.045	nq	94
53) 2,4-Dinitrophenol	9.81	184	123577	45.374	nq #	21
54) Dibenzofuran	9.97	168	1418146	36.592	nq	96
55) 4-Nitrophenol	9.87	139	257552	42.009	nq	96
56) 2,4-Dinitrotoluene	9.95	165	377502	40.847	nq #	100
57) Fluorene	10.31	166	978406	37.883	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	325157	39.841	nq	90
59) Diethylphthalate	10.19	149	1249484	38.829	nq	96
60) 4-Chlorophenyl-phenylether	10.30	204	523191	37.832	nq	93
61) 4-Nitroaniline	10.33	138	323251	40.888	nq	98
62) Azobenzene	10.46	77	1238402	37.596	nq	96
64) 4,6-Dinitro-2-methylphenol	10.36	198	180714	43.947	nq	78
65) n-Nitrosodiphenylamine	10.42	169	1094943	38.948	nq	96
66) 4-Bromophenyl-phenylether	10.79	248	378338	39.047	nq #	85
67) Hexachlorobenzene	10.85	284	408241	39.391	nq #	91
68) Atrazine	10.95	200	358272	39.810	nq	99
69) Pentachlorophenol	11.04	266	292159	44.061	nq	97
70) Phenanthrene	11.26	178	1586481	37.657	nq	99
71) Anthracene	11.31	178	1572075	36.810	nq	99
72) Carbazole	11.47	167	1574834	37.251	nq	98
73) Di-n-butylphthalate	11.81	149	1851374	37.411	nq	99
74) Fluoranthene	12.44	202	1687607	37.943	nq	98
76) Benzidine	12.56	184	931920	43.549	nq	97
77) Pyrene	12.67	202	1720337	38.312	nq	99
79) Butylbenzylphthalate	13.30	149	820564	40.914	nq	98
80) Benzo(a)anthracene	13.85	228	1398630	38.214	nq	99
81) 3,3'-Dichlorobenzidine	13.82	252	592120	40.091	nq	97
82) Chrysene	13.90	228	1440447	39.336	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	938144	38.632	nq	99
84) Di-n-octyl phthalate	14.47	149	1795793	43.603	nq	100
85) Indeno(1,2,3-cd)pyrene	16.62	276	1175984	40.169	nq	94
87) Benzo(b)fluoranthene	14.87	252	1351154	39.131	nq	98
88) Benzo(k)fluoranthene	14.90	252	1231293	38.179	nq	98
89) Benzo(a)pyrene	15.21	252	1191970	38.872	nq	98
90) Dibenzo(a,h)anthracene	16.64	278	967645	37.560	nq	96
91) Benzo(g,h,i)perylene	17.03	276	952366	36.976	nq	93

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



#1

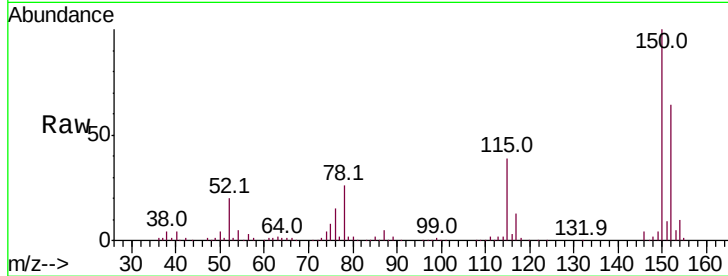
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Instrument :
BNA_F
ClientSampleId :
ICVBF091418

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	61.2	50.1	75.1

Manual Integrations
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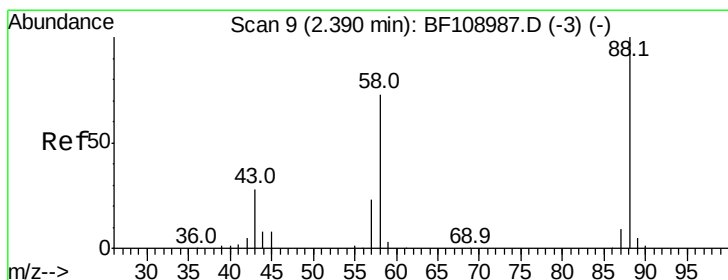
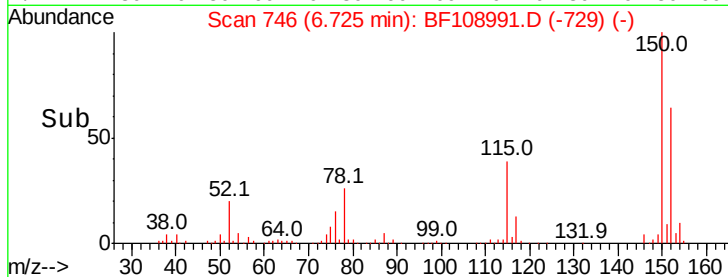
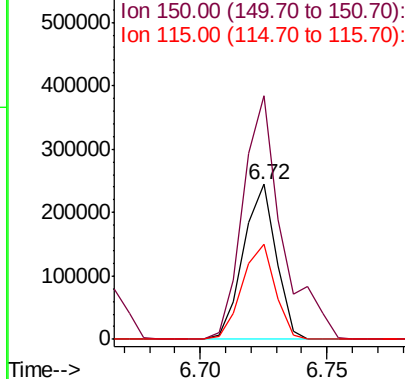


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

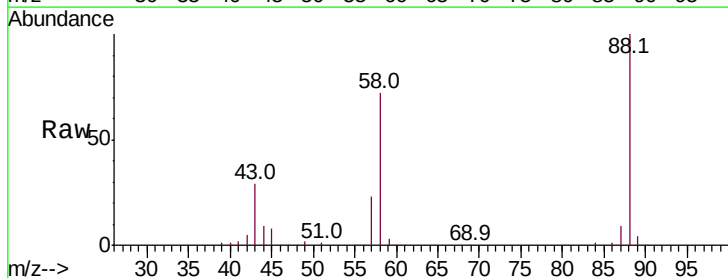
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.736 ng
RT: 2.38 min Scan# 8
Delta R.T. -0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.0	62.6	93.8
43	28.9	24.6	37.0

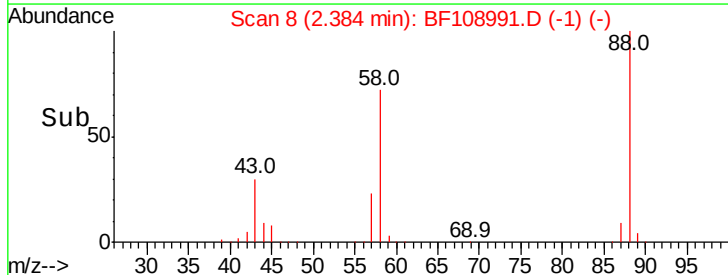
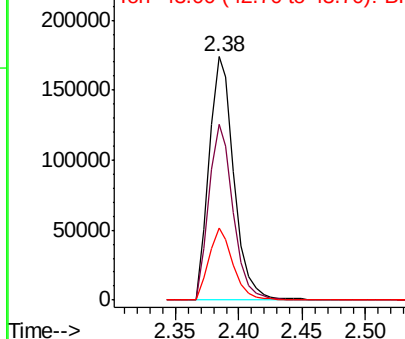


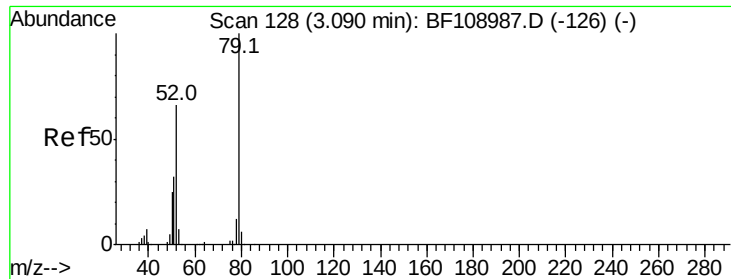
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





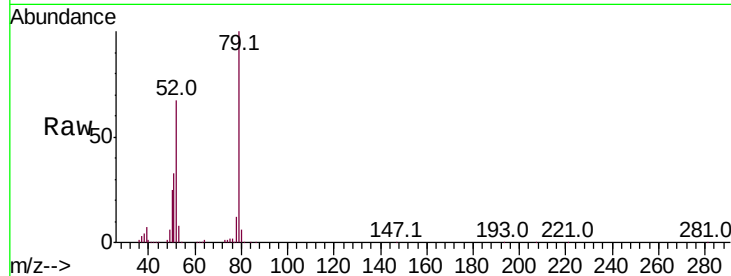
#3
 Pvridine
 Concen: 39.148 ng
 RT: 3.08 min Scan# 127
 Delta R.T. -0.01 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091418

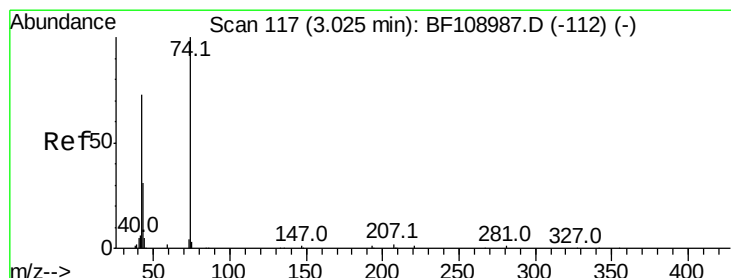
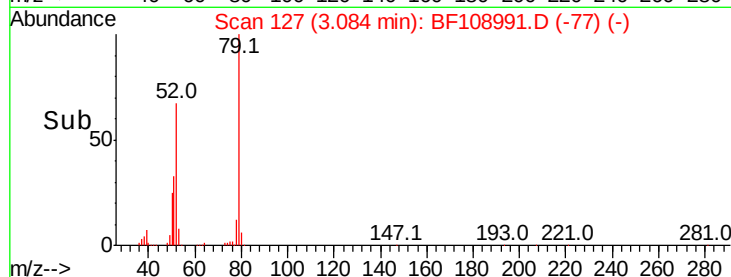
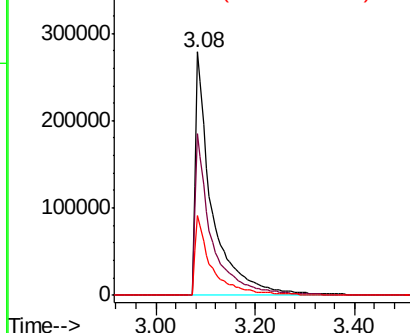
Tot Ion	Ratio	Lower	Upper
79	100		
52	66.6	59.8	89.6
51	33.0	29.8	44.8

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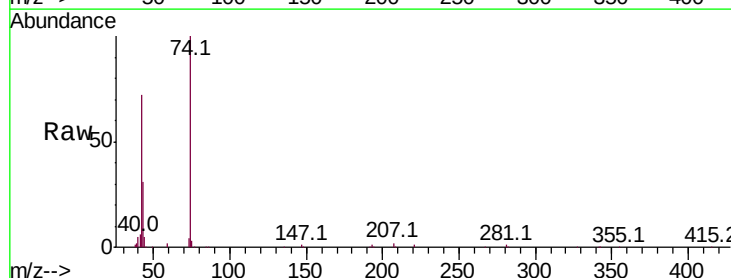


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

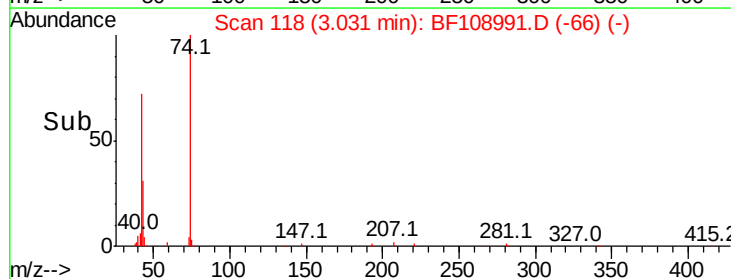
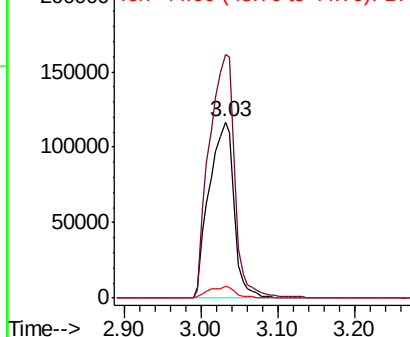


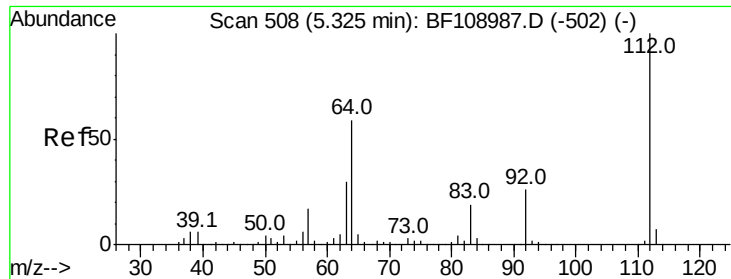
#4
 n-Nitrosodimethylamine
 Concen: 41.409 ng
 RT: 3.03 min Scan# 118
 Delta R.T. 0.01 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Tgt Ion	Ratio	Lower	Upper
42	100		
74	138.0	104.9	157.3
44	6.6	6.9	10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1





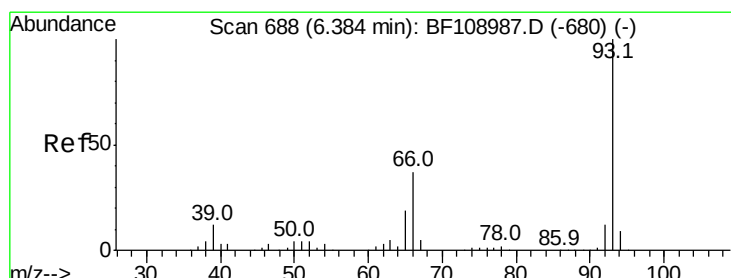
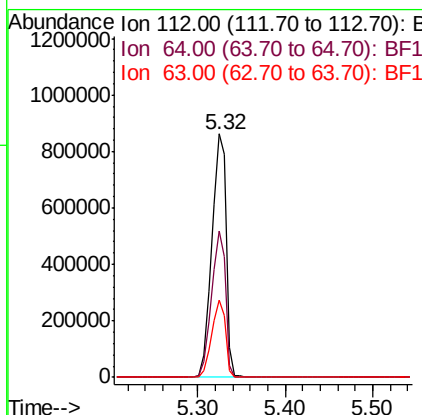
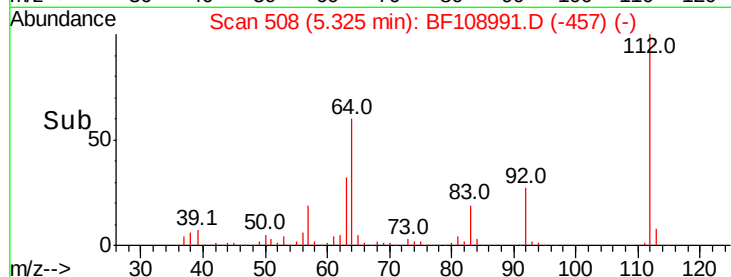
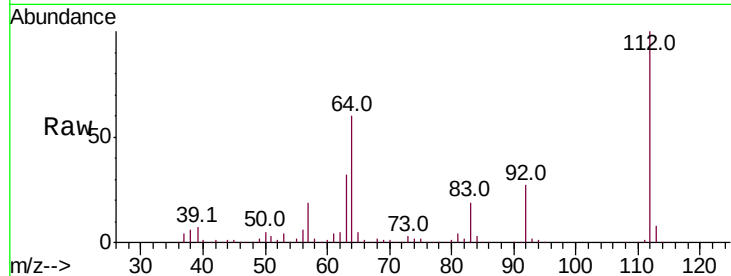
#5
2-Fluorophenol
Concen: 74.410 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Instrument :
BNA_F
ClientSampleId :
ICVBF091418

Tot Ion:	112	Resp:	984033
Ion Ratio	Lower	Upper	
112	100		
64	60.1	47.9	71.9
63	31.6	23.7	35.5

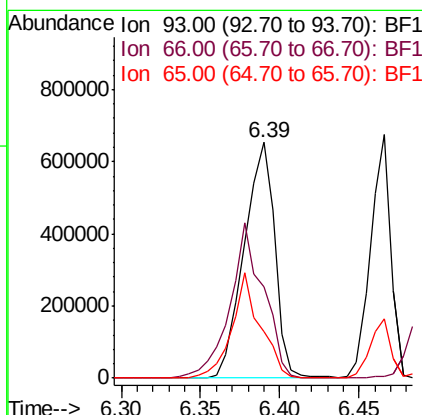
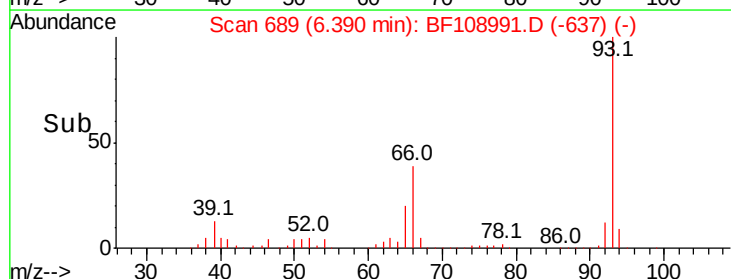
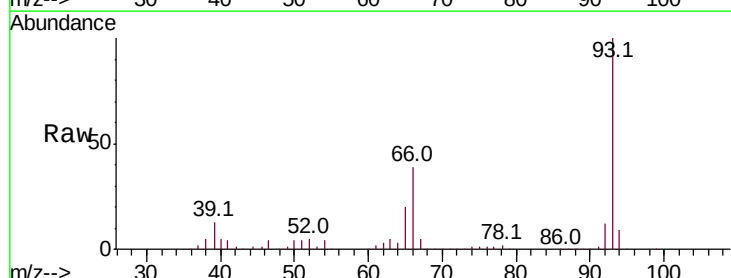
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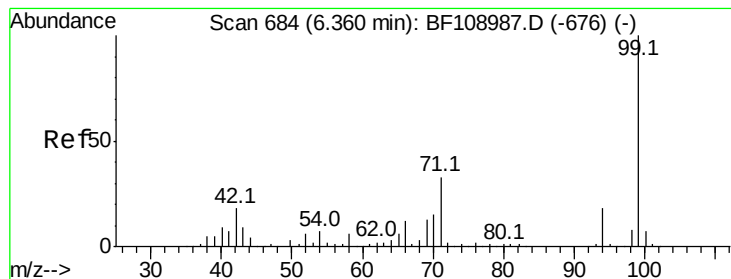
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#6
Aniline
Concen: 39.904 ng
RT: 6.39 min Scan# 689
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Tgt Ion:	93	Resp:	879525
Ion Ratio	Lower	Upper	
93	100		
66	38.9	32.2	48.2
65	19.7	16.4	24.6





#7

Phenol-d6

Concen: 77.820 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

Instrument :

BNA_F

ClientSampleId :

ICVBF091418

Tot Ion: 99 Resp: 1327014

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

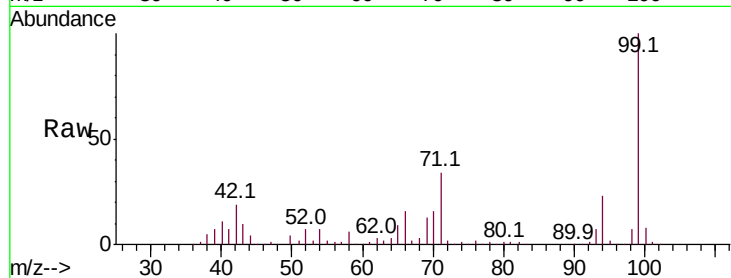
71 34.3 25.4 38.0

Manual Integrations

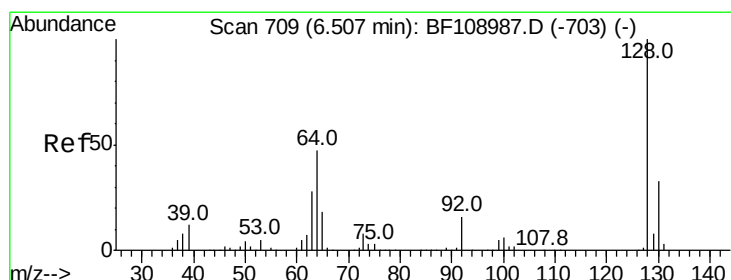
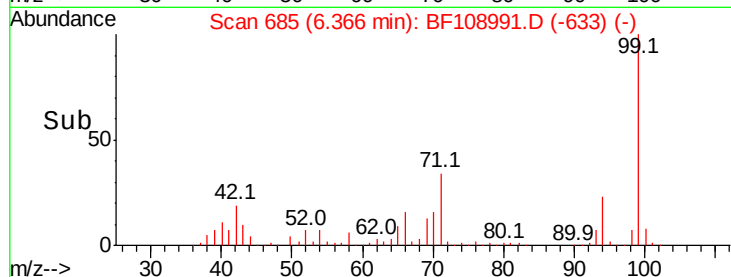
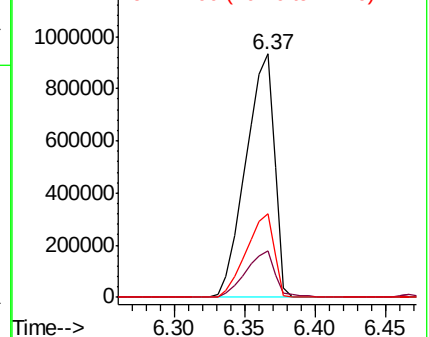
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.222 ng

RT: 6.51 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

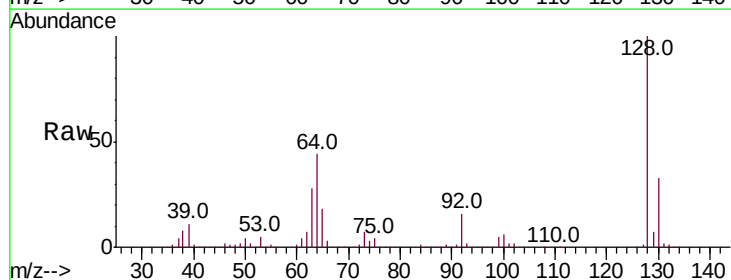
Tgt Ion: 128 Resp: 580457

Ion Ratio Lower Upper

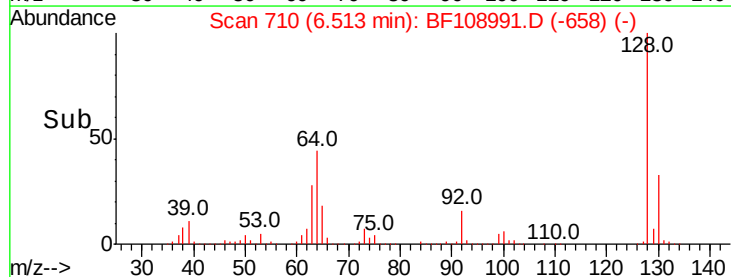
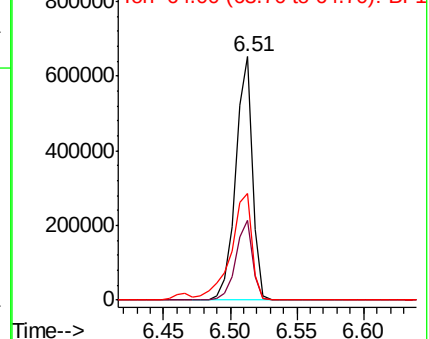
128 100

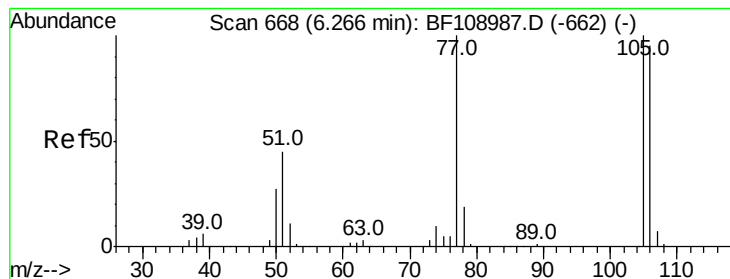
130 32.8 13.0 53.0

64 43.6 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: 40.006 ng

RT: 6.27 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

Instrument :

BNA_F

ClientSampleId :

ICVBF091418

Tot Ion: 77 Resp: 435698

Ion Ratio Lower Upper

77 100

105 99.3 81.1 121.1

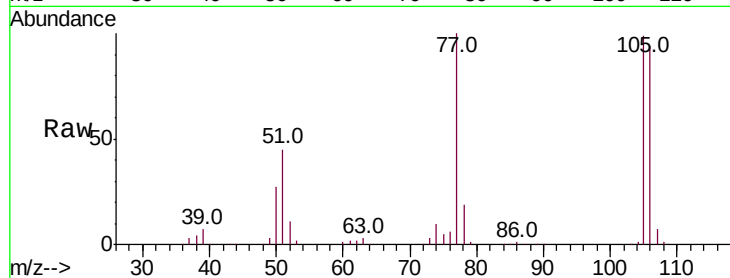
106 94.3 74.5 114.5

Manual Integrations

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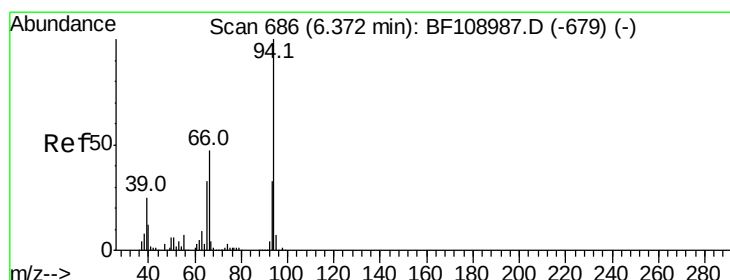
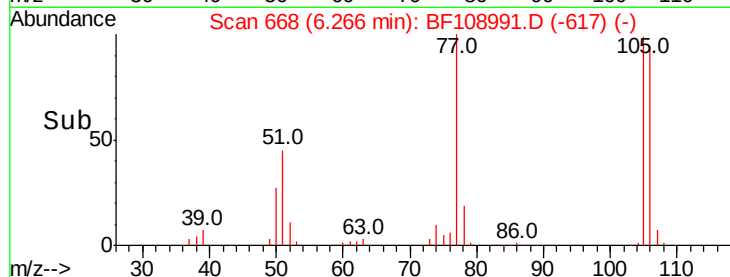
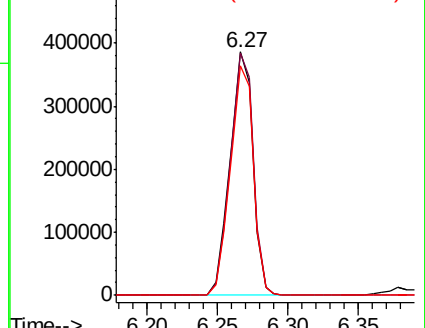
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.970 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

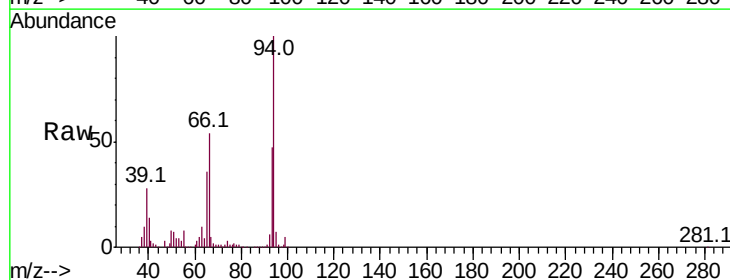
Tgt Ion: 94 Resp: 728541

Ion Ratio Lower Upper

94 100

65 36.2 7.9 47.9

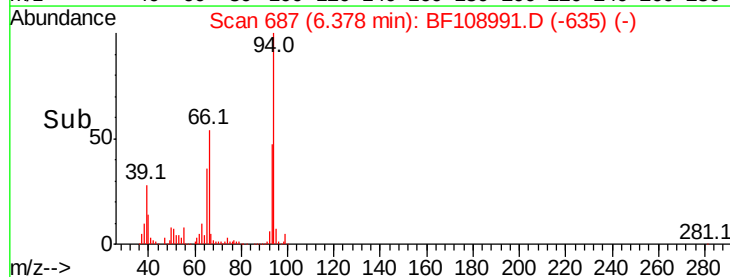
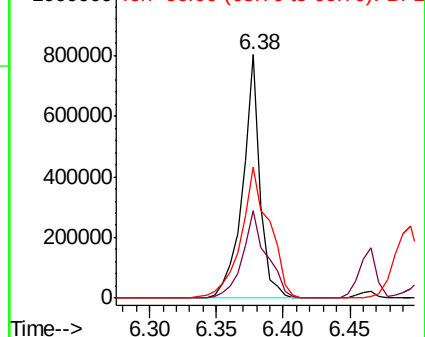
66 53.8 16.2 56.2

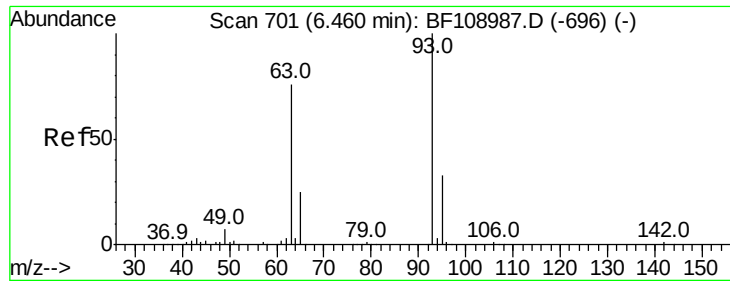


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





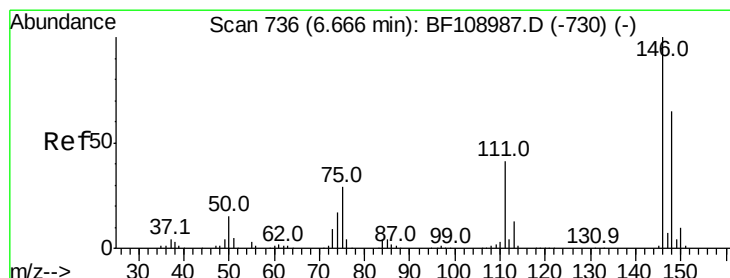
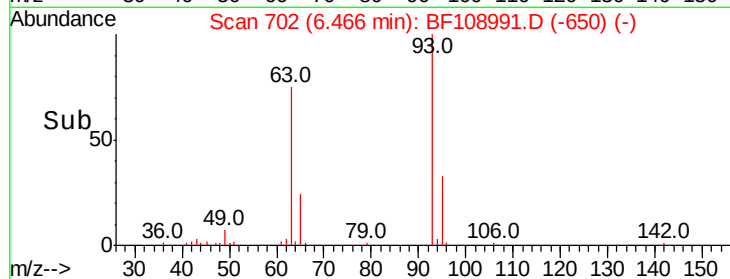
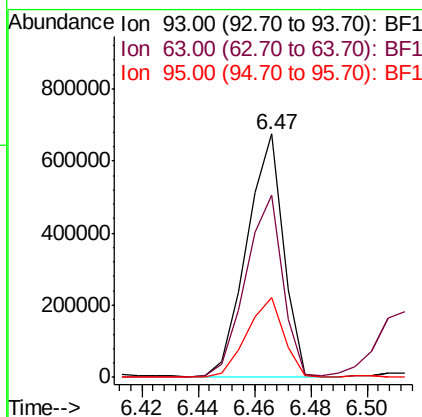
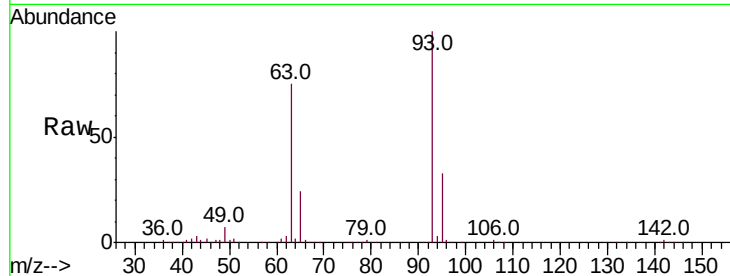
#11
bis(2-Chloroethyl)ether
Concen: 40.083 ng
RT: 6.47 min Scan# 702
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Instrument :
BNA_F
ClientSampleId :
ICVBF091418

Tot Ion:	93	Resp:	605051
Ion Ratio	Lower	Upper	
93	100		
63	74.9	58.6	98.6
95	32.9	11.8	51.8

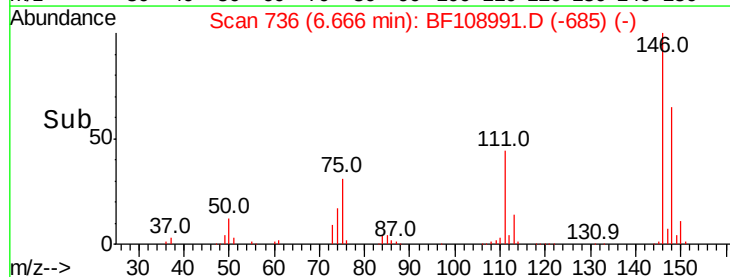
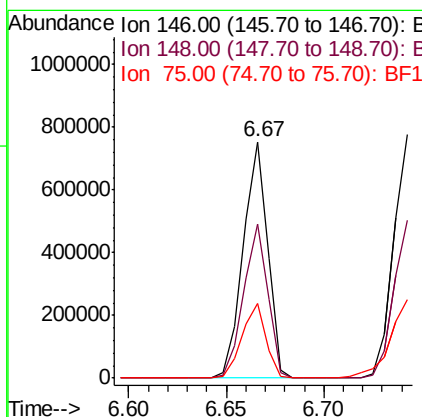
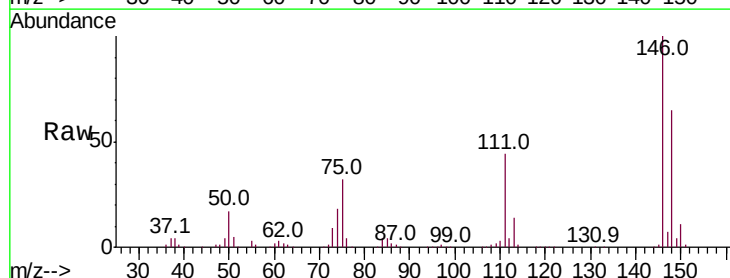
Manual Integrations
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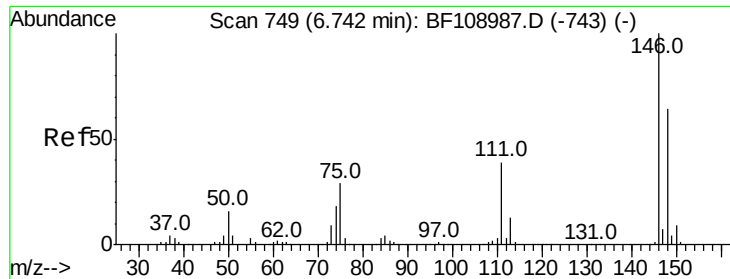
Sohil
9/17/2018 1:59:22 PM



#12
1,3-Dichlorobenzene
Concen: 38.608 ng
RT: 6.67 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Tgt Ion:	146	Resp:	653437
Ion Ratio	Lower	Upper	
146	100		
148	65.4	51.8	77.8
75	31.7	24.2	36.4





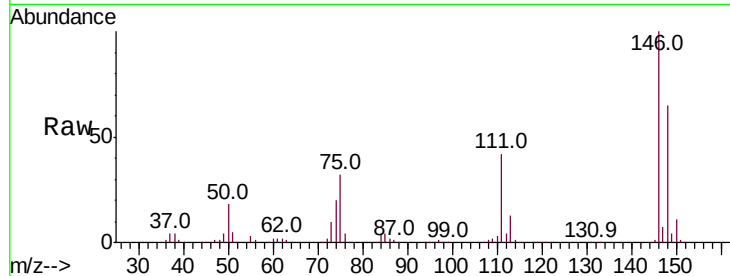
#13
 1,4-Dichlorobenzene
 Concen: 38.588 ng
 RT: 6.74 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Instrument :
 BNA_F
 ClientSampled :
 ICVBF091418

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.8	76.2
111	41.6	34.2	51.2

Manual Integrations
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Sohil
 9/17/2018 1:59:22 PM

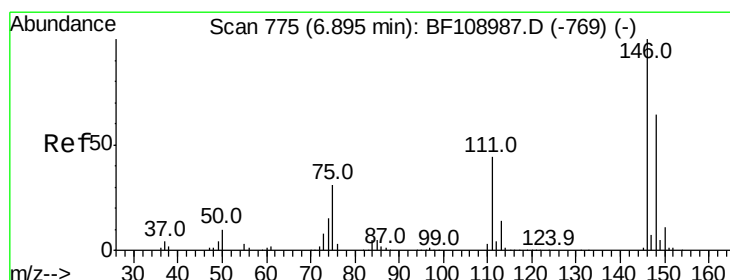
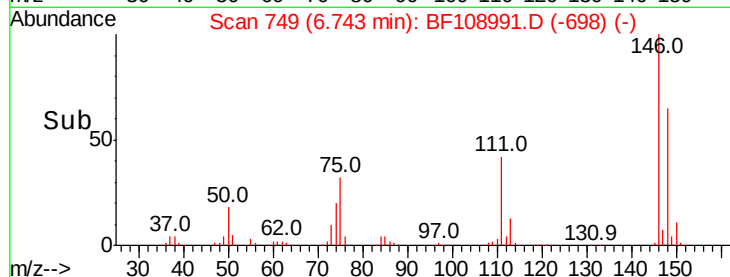
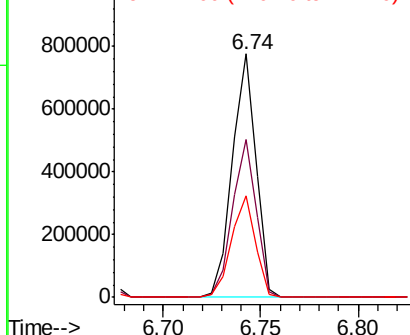


Abundance

Ion 146.00 (145.70 to 146.70): E

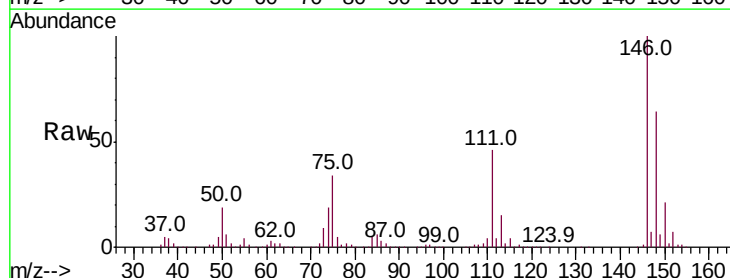
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.259 ng
 RT: 6.90 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	75.8
111	45.6	36.0	54.0

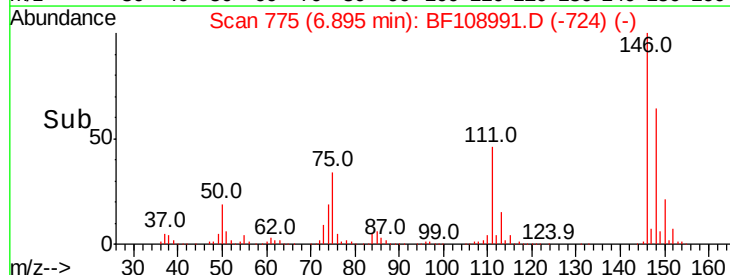
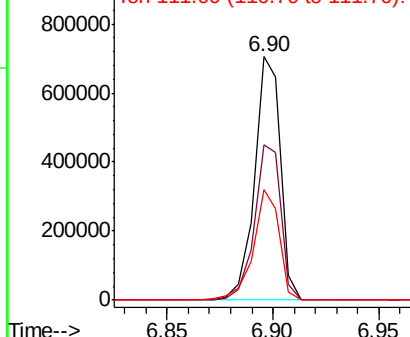


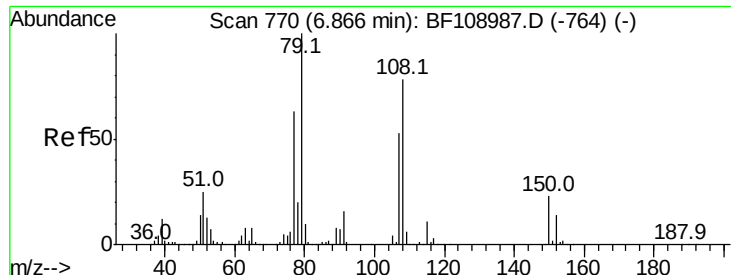
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.916 ng

RT: 6.87 min Scan# 771

Delta R.T. 0.01 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

Instrument :

BNA_F

ClientSampleId :

ICVBF091418

Tot Ion: 79 Resp: 516748

Ion Ratio Lower Upper

79 100

108 78.1 65.1 97.7

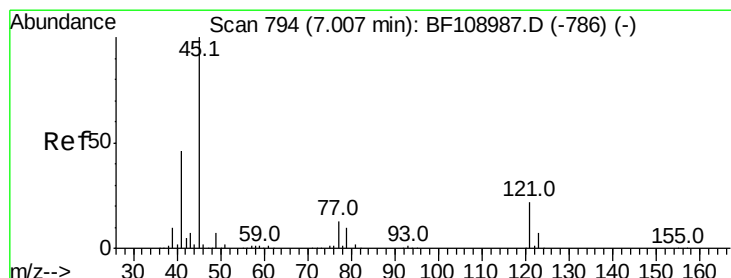
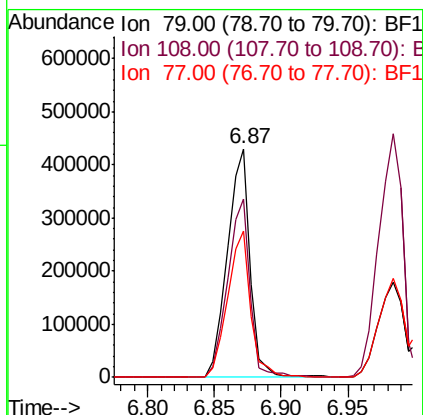
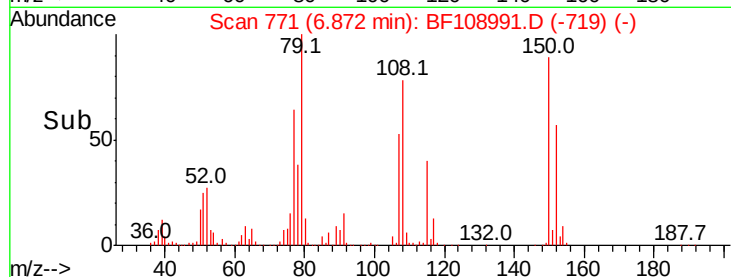
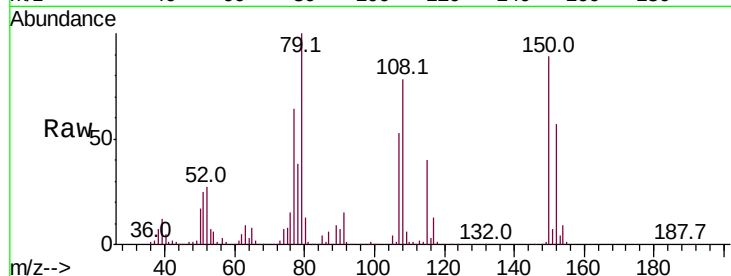
77 64.3 50.6 75.8

Manual Integrations

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.138 ng

RT: 7.01 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

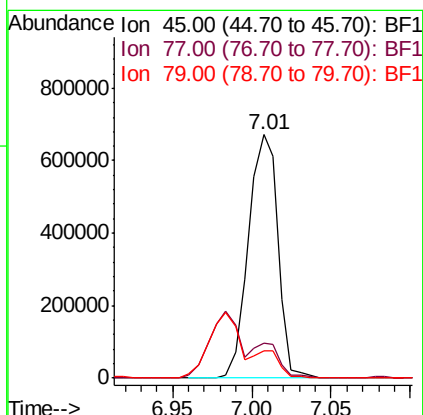
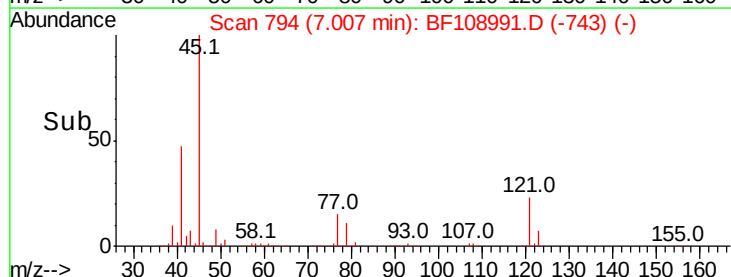
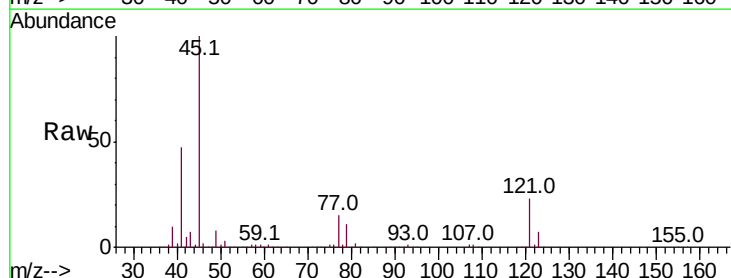
Tgt Ion: 45 Resp: 868106

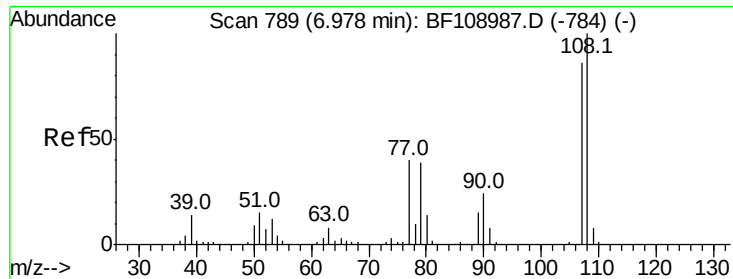
Ion Ratio Lower Upper

45 100

77 14.6 0.0 32.9

79 11.1 0.0 29.6





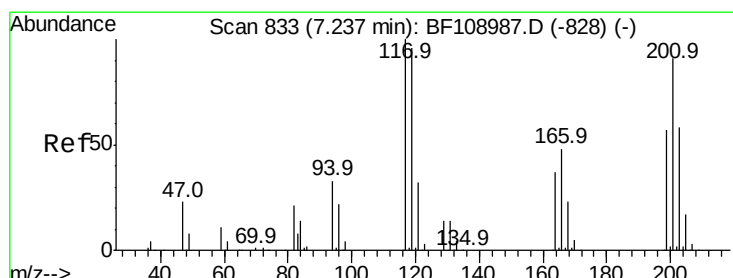
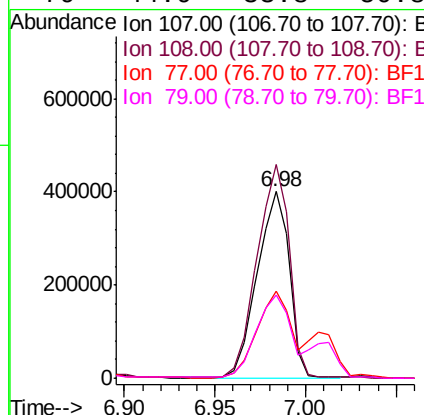
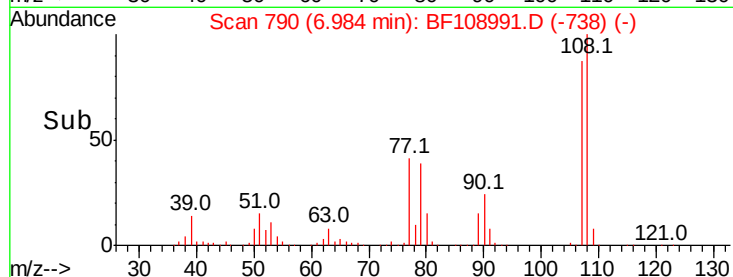
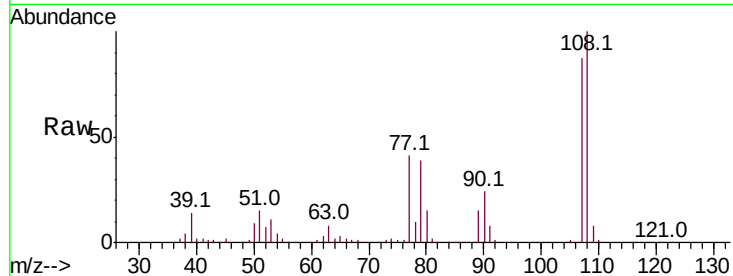
#17
2-Methylphenol
Concen: 40.614 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Instrument :
BNA_F
ClientSampleId :
ICVBF091418

Tot Ion	Ratio	Resp	Lower	Upper
107	100	490378		
108	114.5	91.7	137.5	
77	46.5	33.8	50.8	
79	44.9	33.8	50.8	

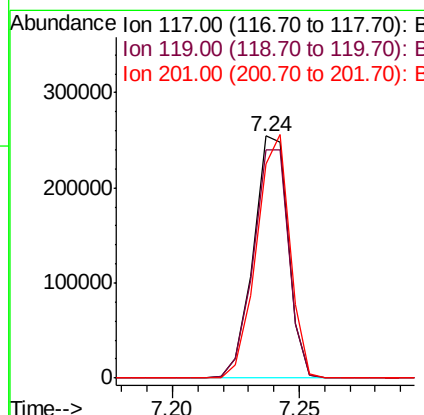
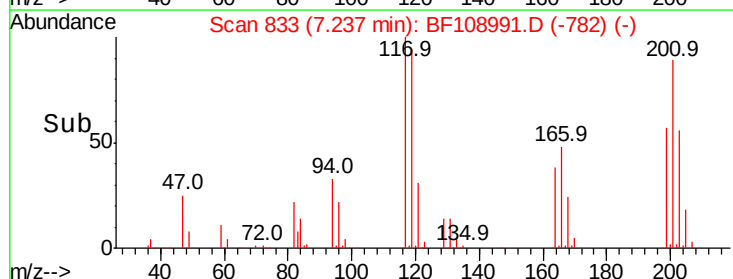
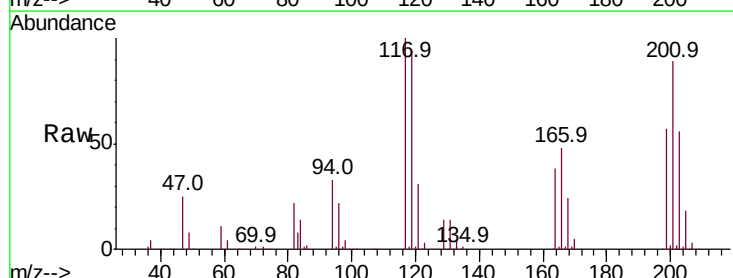
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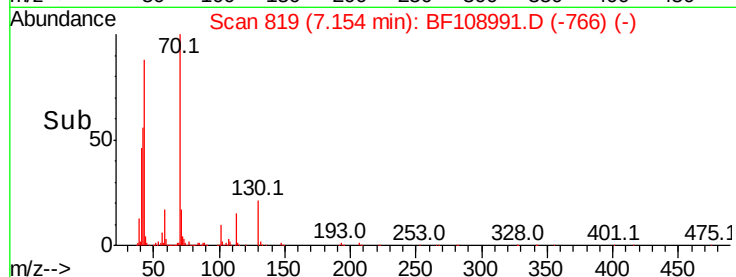
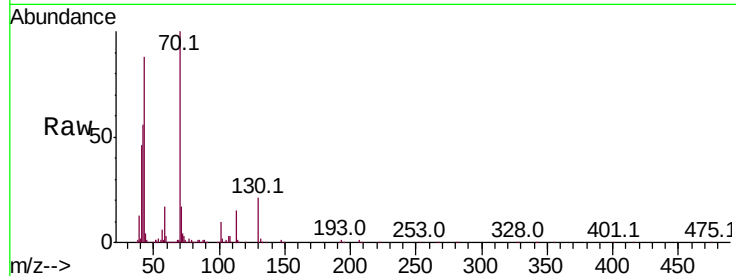
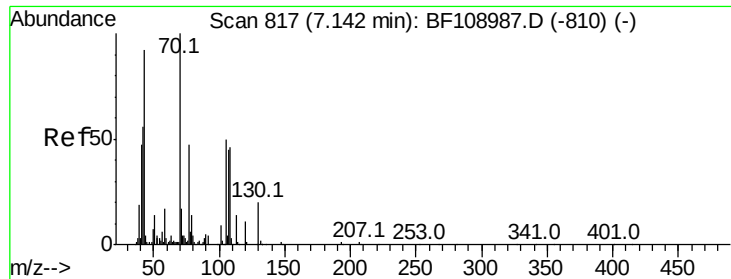
Sohil
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#18
Hexachloroethane
Concen: 39.559 ng
RT: 7.24 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	243947		
119	94.2	75.8	113.8	
201	88.8	75.7	113.5	





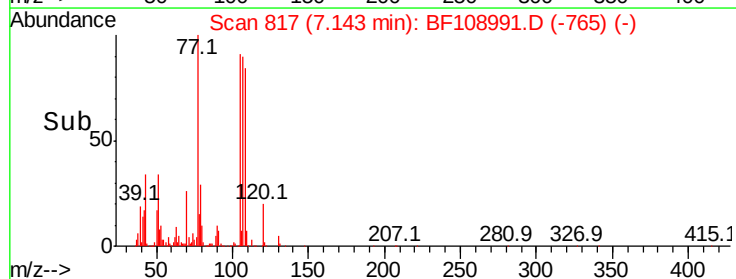
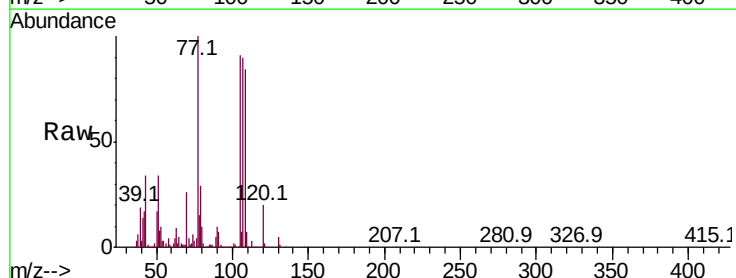
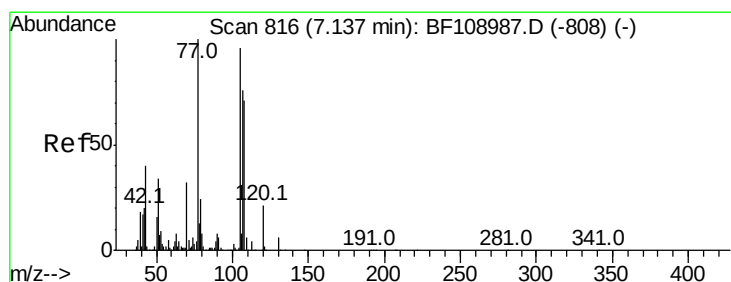
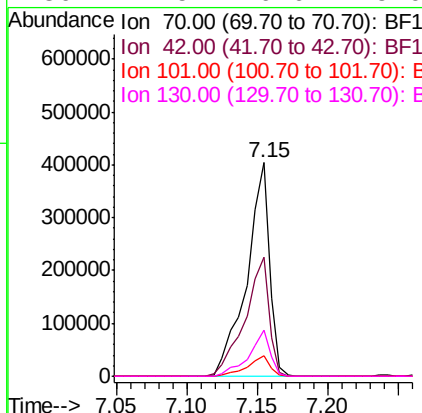
#19
n-Nitroso-di-n-propylamine
Concen: 40.678 ng
RT: 7.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Instrument :
BNA_F
ClientSampleId :
ICVBF091418

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.0	47.5	71.3
101	9.5	7.4	11.2
130	21.5	16.6	25.0

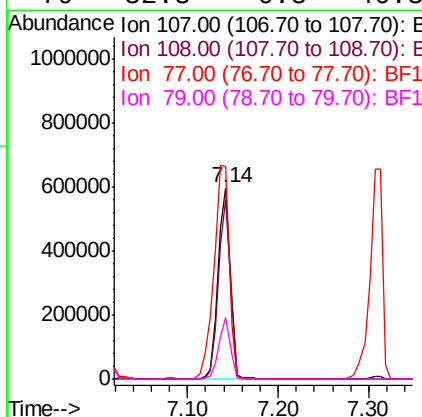
Manual Integrations
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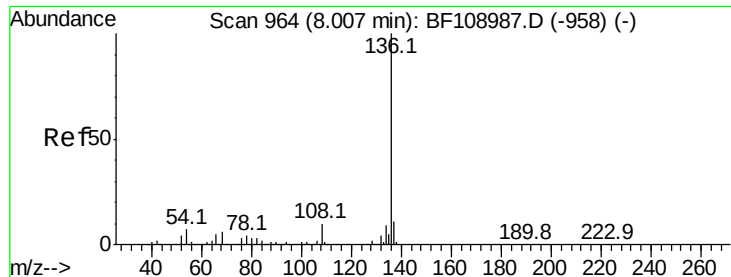
Sohil
9/17/2018 1:59:22 PM



#20
3+4-Methylphenols
Concen: 38.059 ng
RT: 7.14 min Scan# 817
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.5	68.2	108.2
77	111.2	26.7	66.7#
79	32.3	6.3	46.3





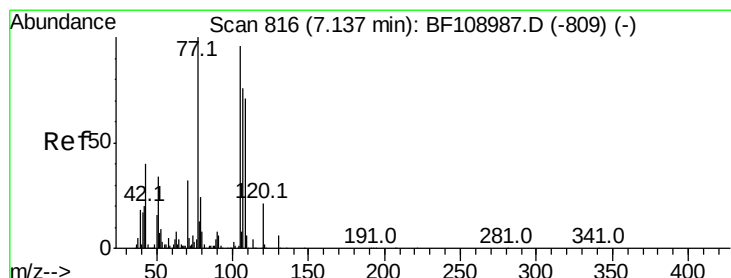
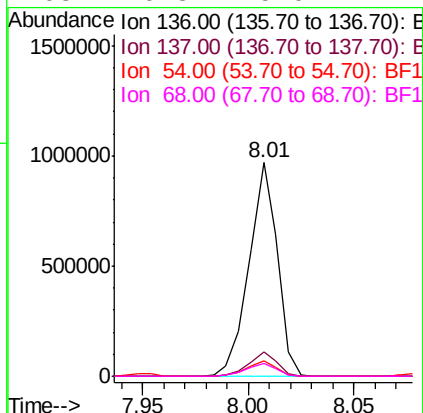
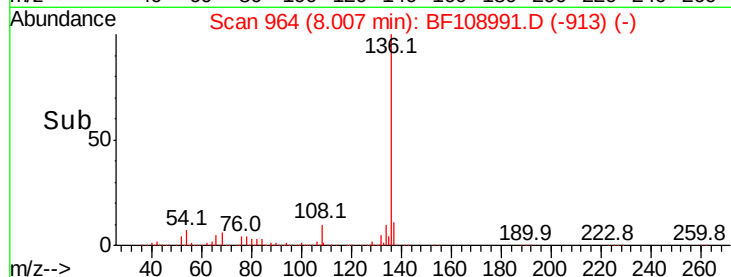
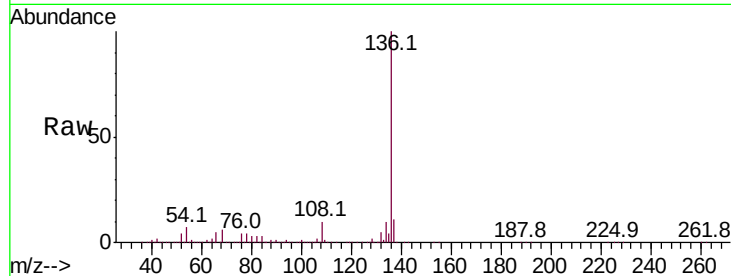
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Instrument :
BNA_F
ClientSampleId :
ICVBF091418

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.9	13.3	
54	7.4	6.6	9.8	
68	6.3	5.0	7.4	

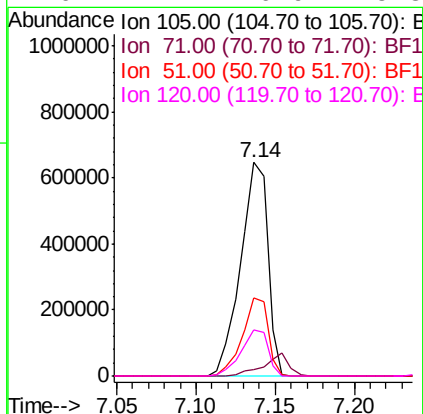
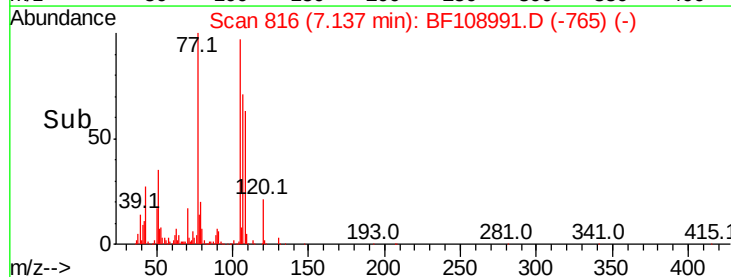
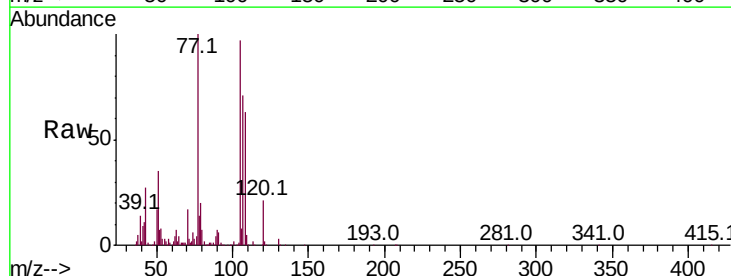
Manual Integrations
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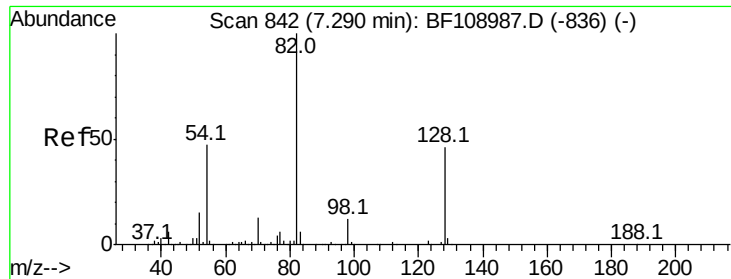
Sohil
9/17/2018 1:59:22 PM



#22
Acetophenone
Concen: 37.633 ng
RT: 7.14 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.9	4.4	6.6#	
51	36.3	22.3	33.5#	
120	21.7	16.9	25.3	





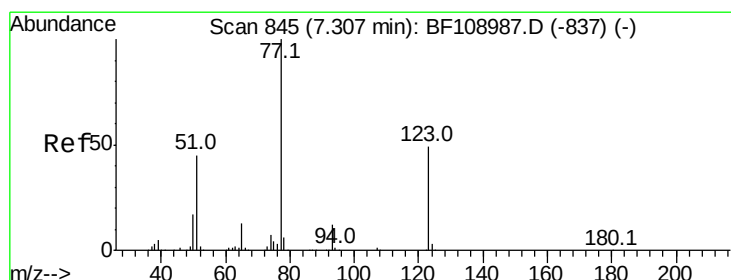
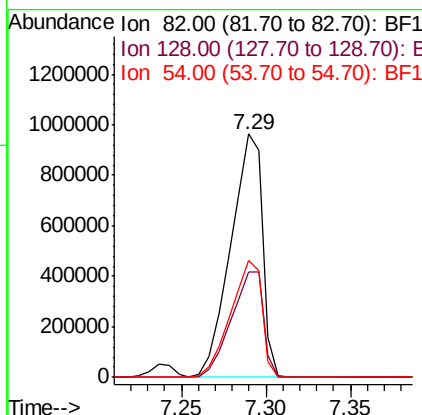
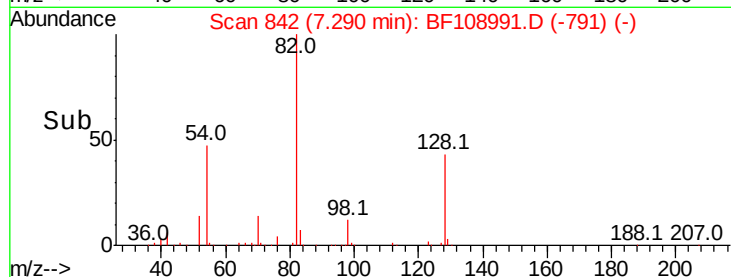
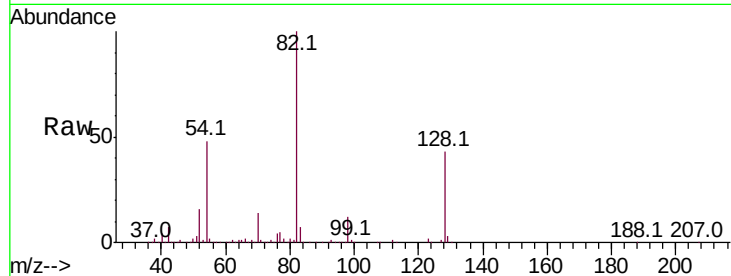
#23
 Nitrobenzene-d5
 Concen: 78.007 ng
 RT: 7.29 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091418

Tot Ion: 82 Resp: 1255929
 Ion Ratio Lower Upper
 82 100
 128 43.3 36.1 54.1
 54 48.3 41.4 62.2

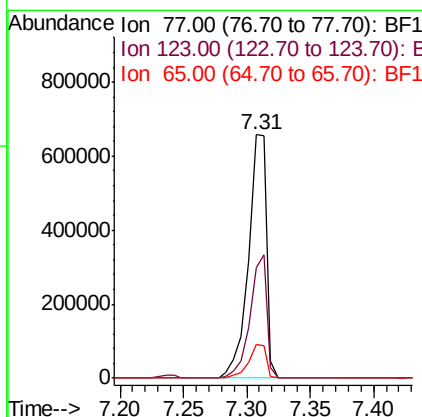
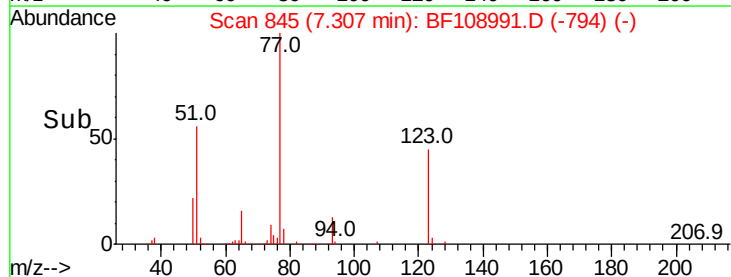
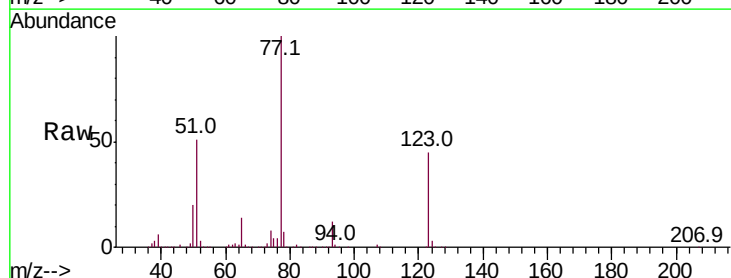
Manual Integrations
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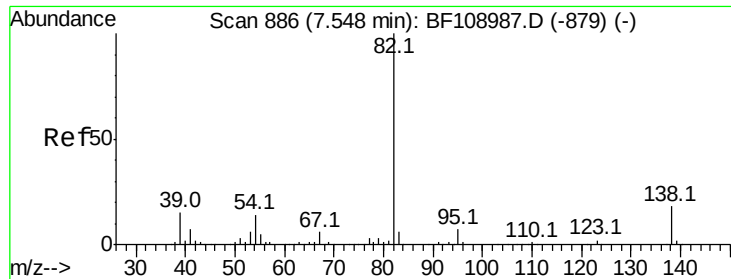
Sohil
 9/17/2018 1:59:22 PM



#24
 Nitrobenzene
 Concen: 39.504 ng
 RT: 7.31 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Tgt Ion: 77 Resp: 655751
 Ion Ratio Lower Upper
 77 100
 123 45.3 37.9 56.9
 65 13.7 11.0 16.4





#25

Isophorone

Concen: 40.157 ng

RT: 7.55 min Scan# 887

Delta R.T. 0.01 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

Instrument :

BNA_F

ClientSampleId :

ICVBF091418

Tot Ion: 82 Resp: 1111370

Ion Ratio Lower Upper

82 100

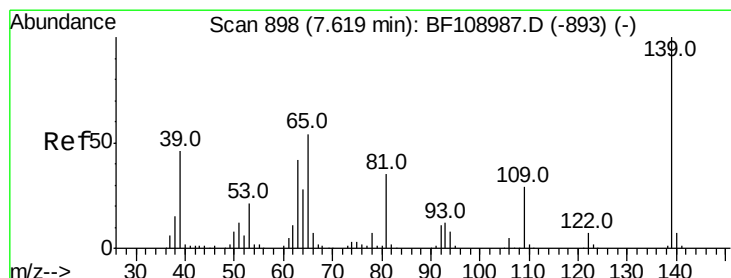
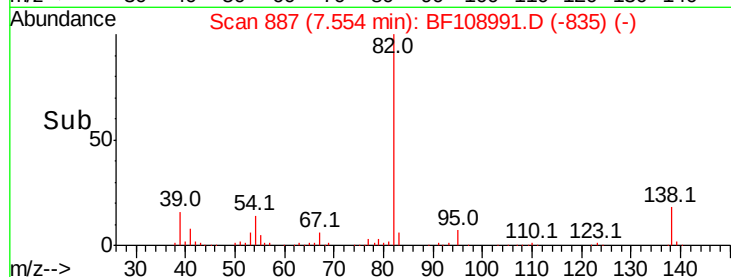
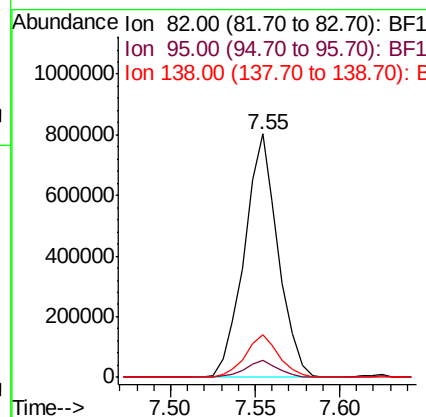
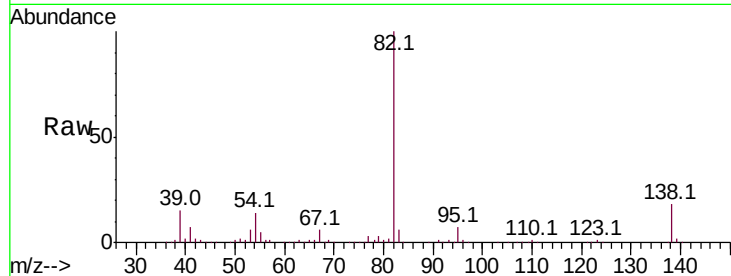
95 6.9 5.2 7.8

138 17.7 14.9 22.3

Manual Integrations
APPROVED

Sohil

9/17/2018 1:59:22 PM



#26

2-Nitrophenol

Concen: 41.037 ng

RT: 7.62 min Scan# 899

Delta R.T. 0.01 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

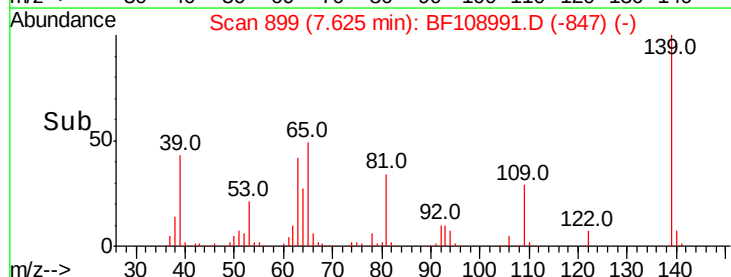
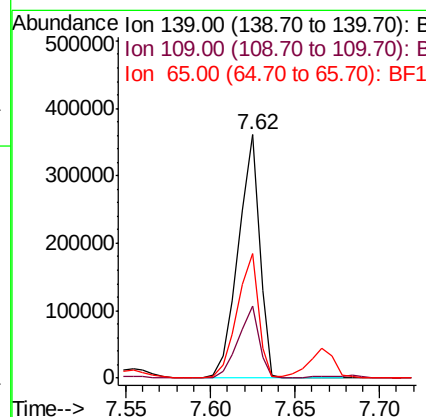
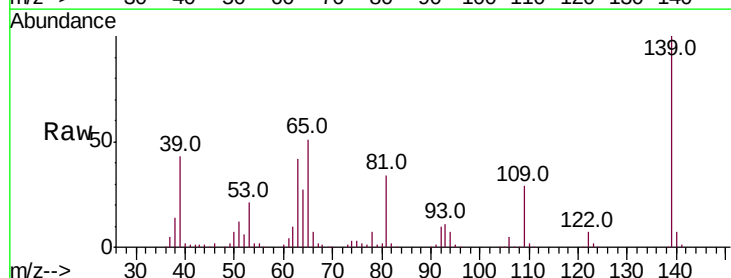
Tgt Ion: 139 Resp: 318077

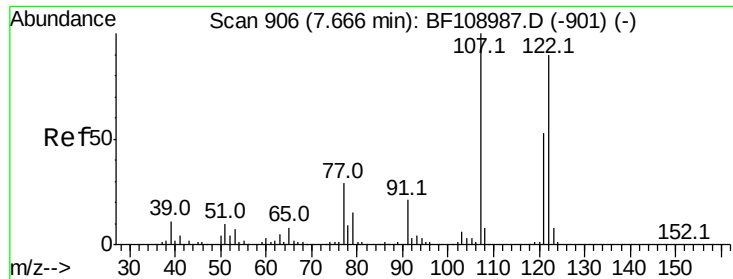
Ion Ratio Lower Upper

139 100

109 29.5 22.7 34.1

65 51.1 40.5 60.7





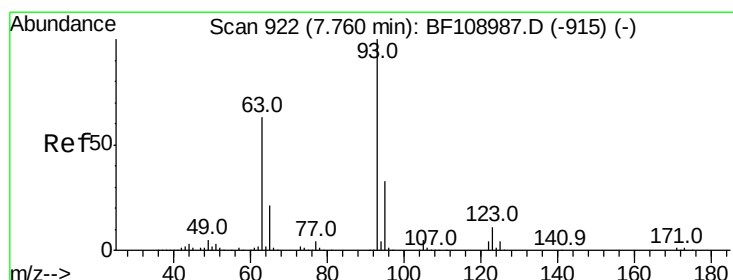
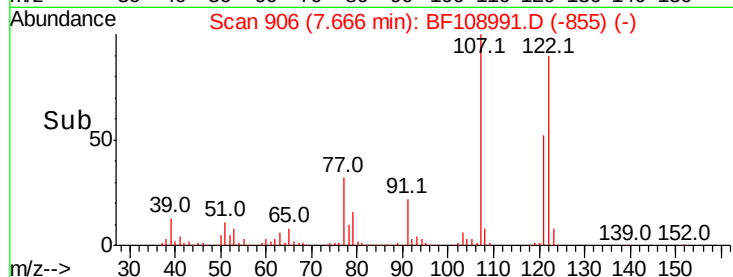
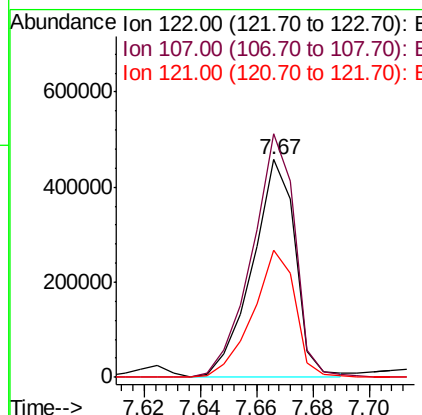
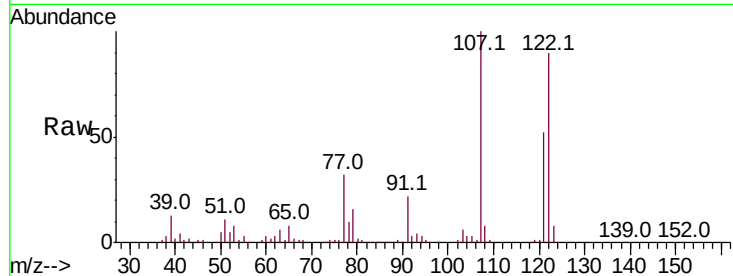
#27
2,4-Dimethylphenol
Concen: 39.722 ng
RT: 7.67 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Instrument :
BNA_F
ClientSampleId :
ICVBF091418

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.7	91.2	136.8
121	58.2	47.2	70.8

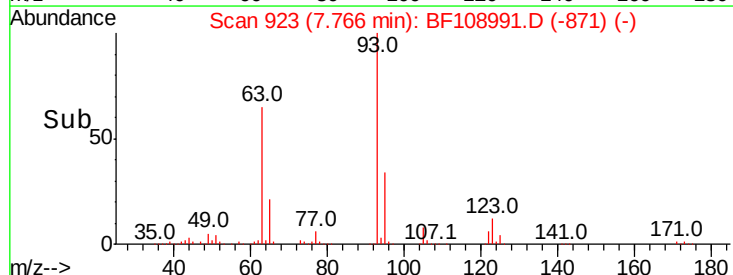
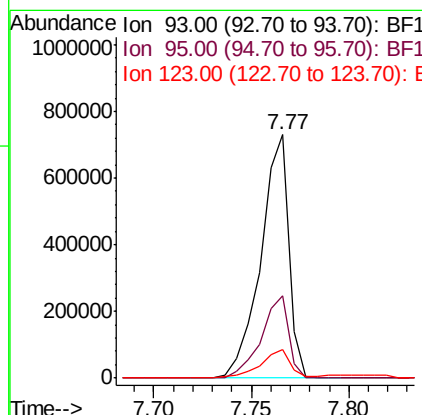
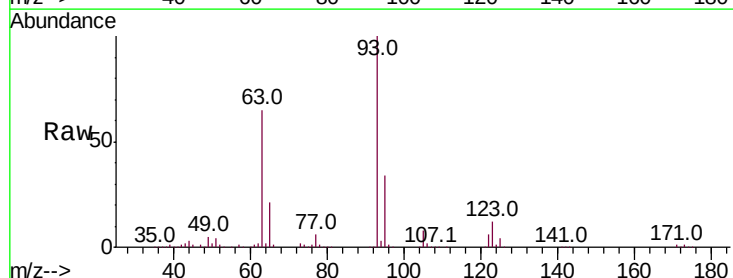
Manual Integrations
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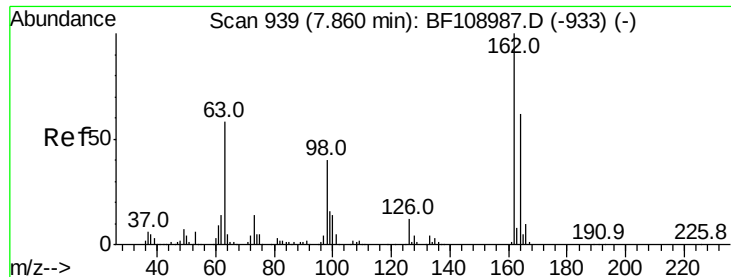
Sohil
9/17/2018 1:59:22 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.838 ng
RT: 7.77 min Scan# 923
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	26.3	39.5
123	11.9	9.8	14.6





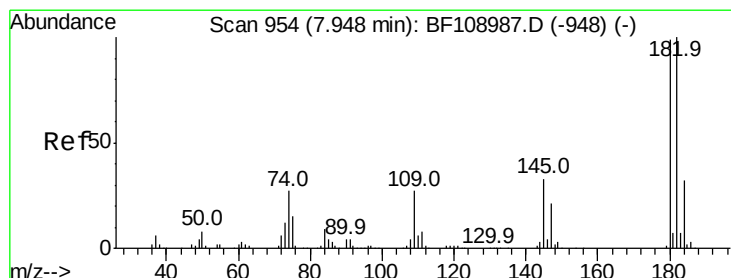
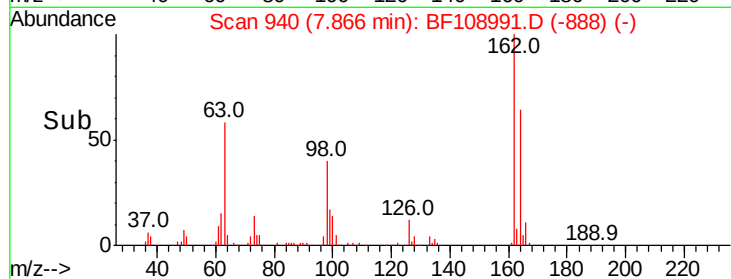
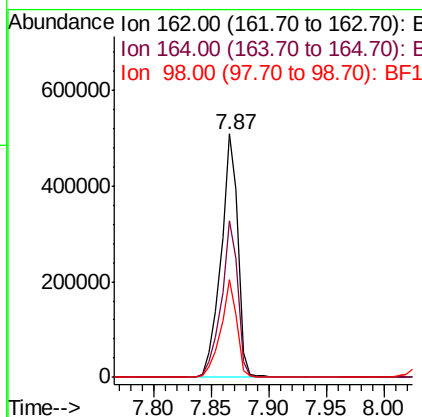
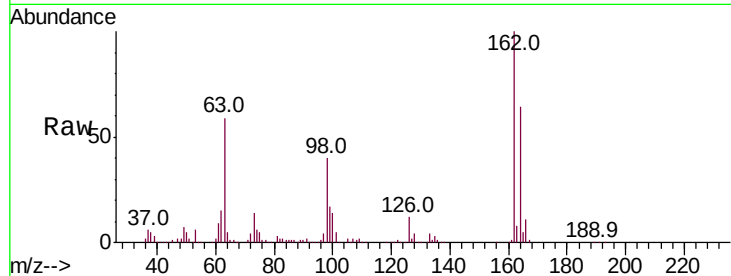
#29
 2,4-Dichlorophenol
 Concen: 39.805 ng
 RT: 7.87 min Scan# 940
 Delta R.T. 0.01 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091418

Tot Ion:	162	Resp:	515740
Ion Ratio	Lower	Upper	
162	100		
164	64.1	42.7	82.7
98	40.3	18.1	58.1

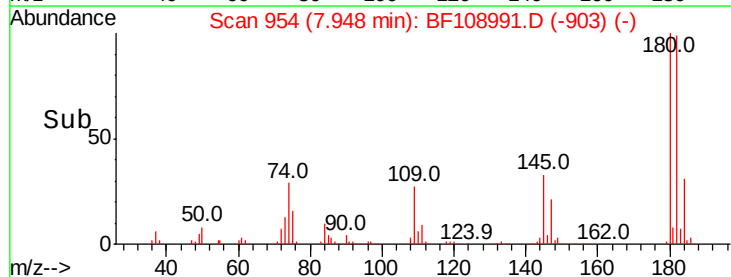
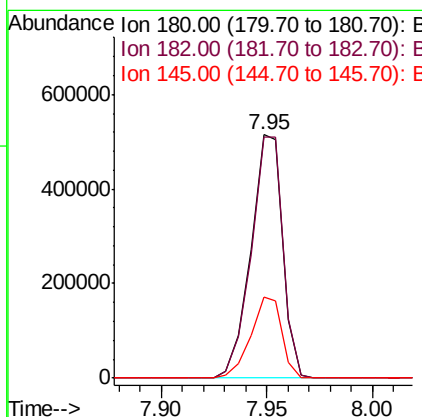
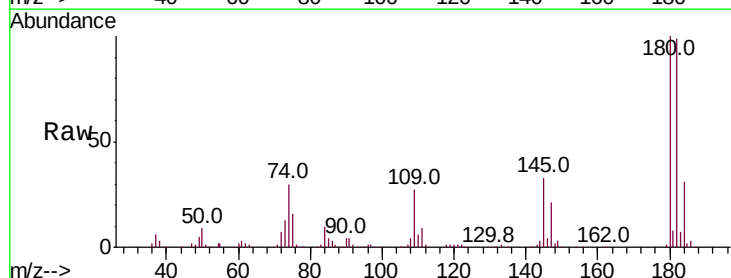
Manual Integrations
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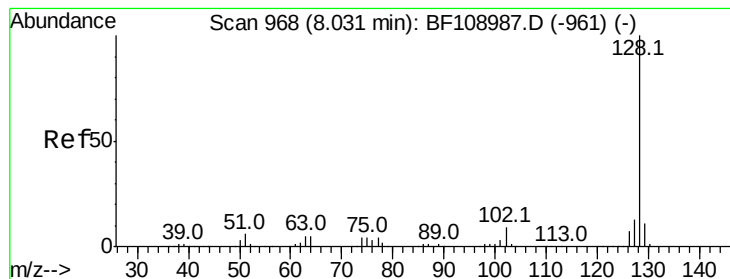
Sohil
 9/17/2018 1:59:22 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.407 ng
 RT: 7.95 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Tgt Ion:	180	Resp:	537913
Ion Ratio	Lower	Upper	
180	100		
182	98.9	76.8	115.2
145	33.5	26.5	39.7





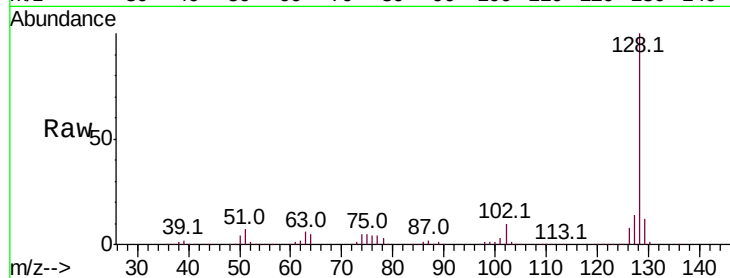
#31
Naphthalene
Concen: 37.874 ng
RT: 8.03 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Instrument :
BNA_F
ClientSampleId :
ICVBF091418

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.8	13.2
127	13.8	10.9	16.3

Manual Integrations
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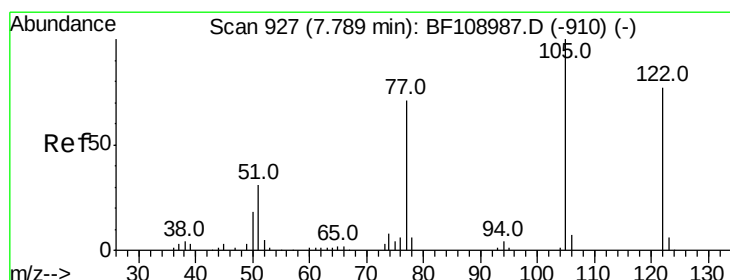
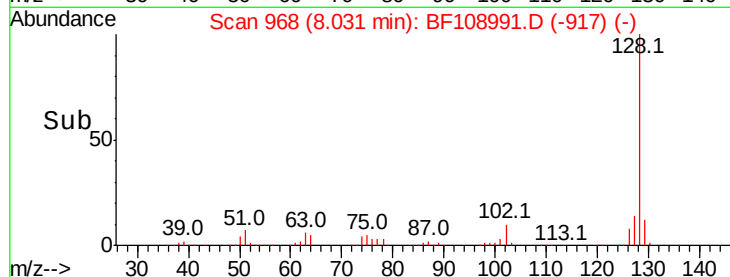
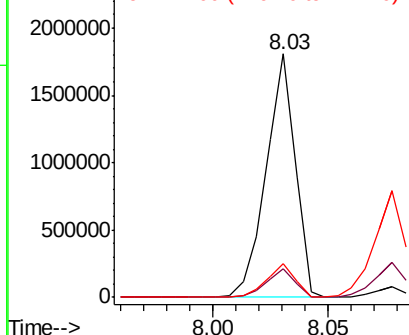


Abundance

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: 42.652 ng m
RT: 7.82 min Scan# 932
Delta R.T. 0.03 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

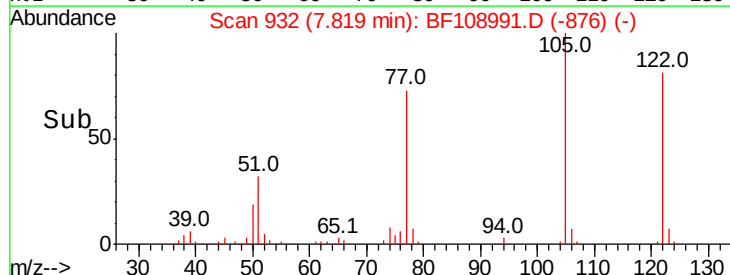
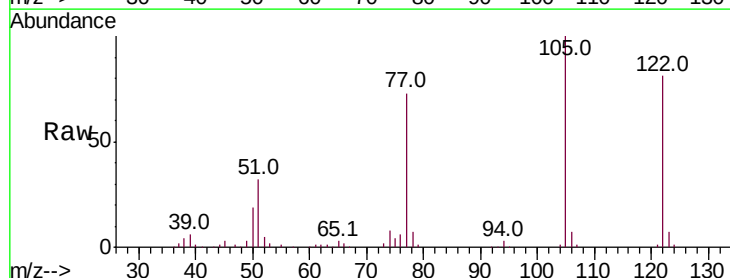
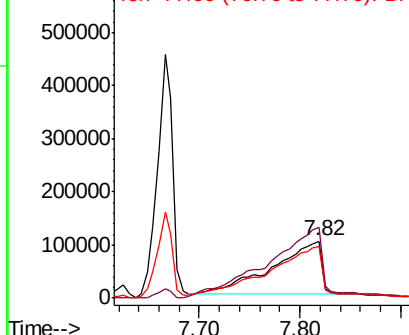
Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.7	101.1	141.1
77	90.8	70.7	110.7

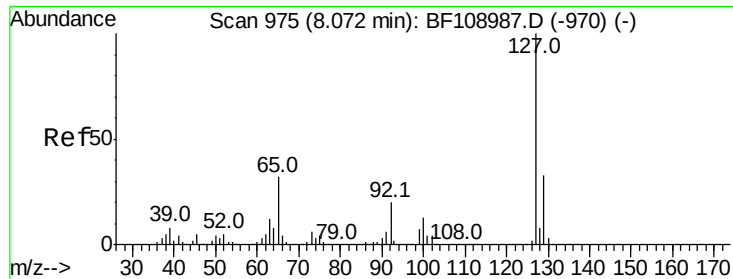
Abundance

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





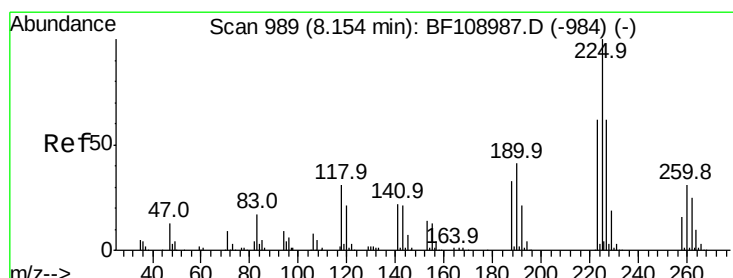
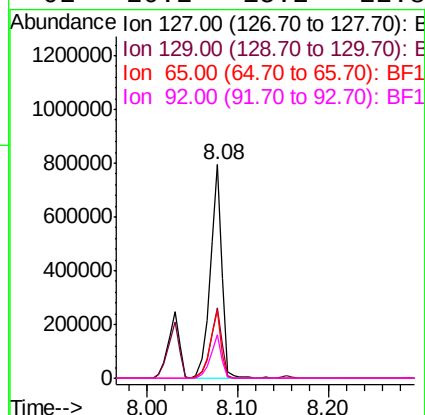
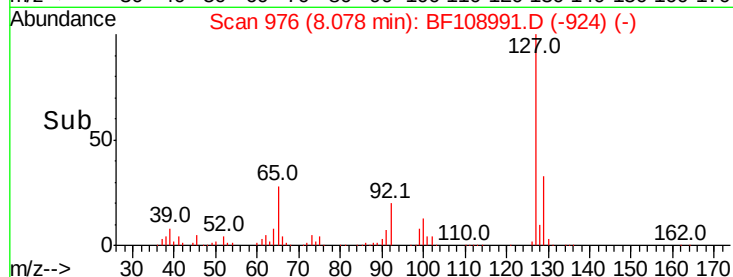
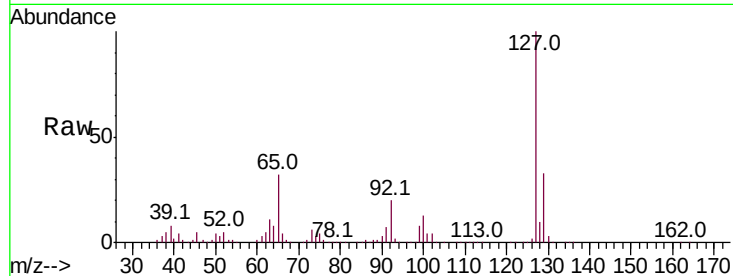
#33
4-Chloroaniline
Concen: 38.434 ng
RT: 8.08 min Scan# 976
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Instrument :
BNA_F
ClientSampleId :
ICVBF091418

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.2	25.9	38.9		
65	31.6	25.0	37.4		
92	20.2	15.2	22.8		

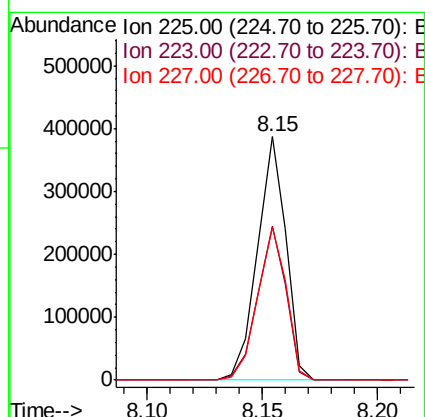
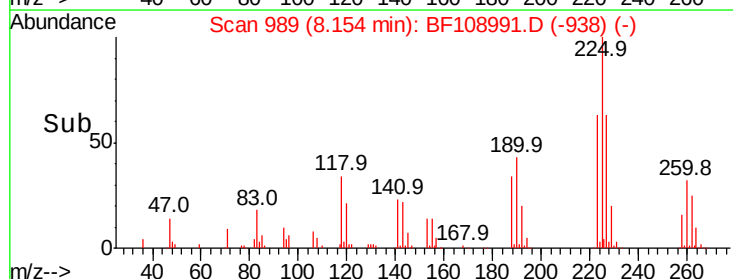
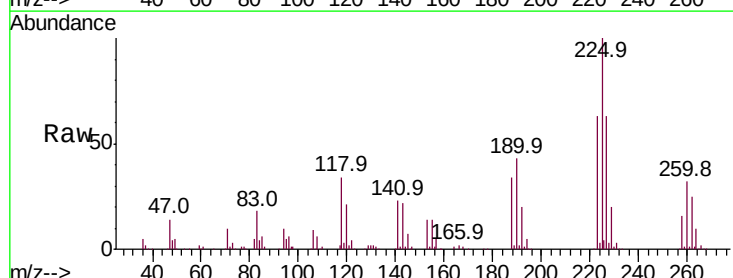
Manual Integrations
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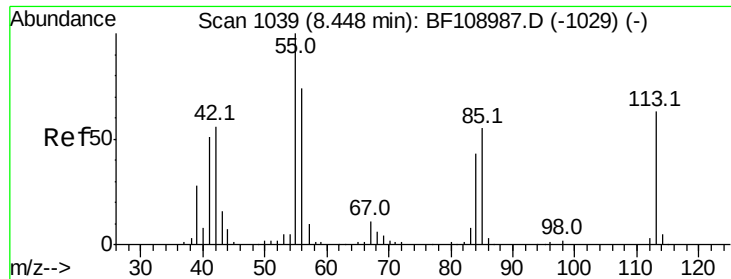
Sohil
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#34
Hexachlorobutadiene
Concen: 39.059 ng
RT: 8.15 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	50.6	76.0		
227	62.8	51.9	77.9		





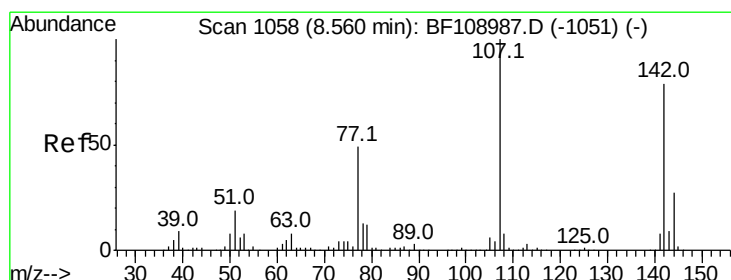
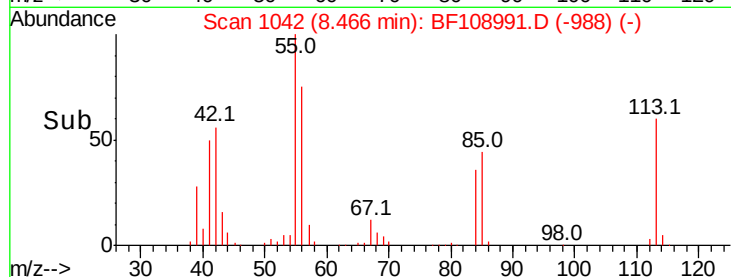
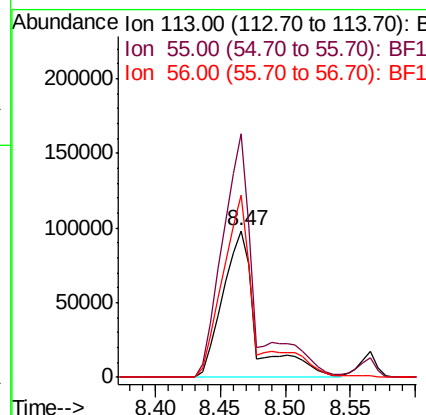
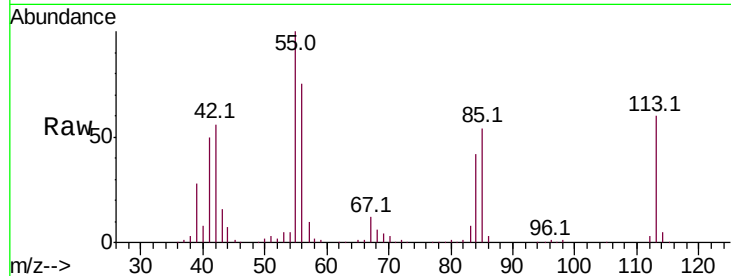
#35
 Caprolactam
 Concen: 41.716 ng/ml
 RT: 8.47 min Scan# 1042
 Delta R.T. 0.02 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091418

Tot Ion	Ratio	Lower	Upper
113	100		
55	165.7	163.3	203.3
56	124.1	115.7	155.7

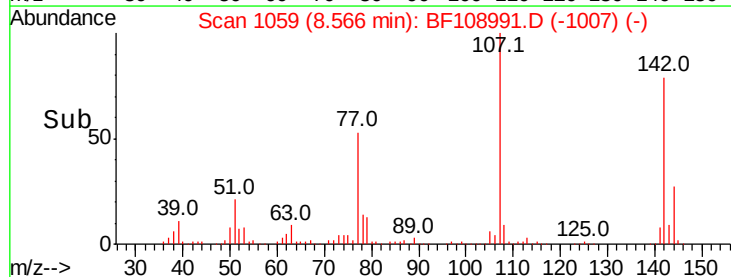
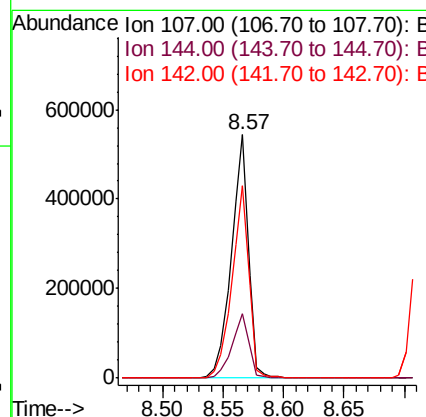
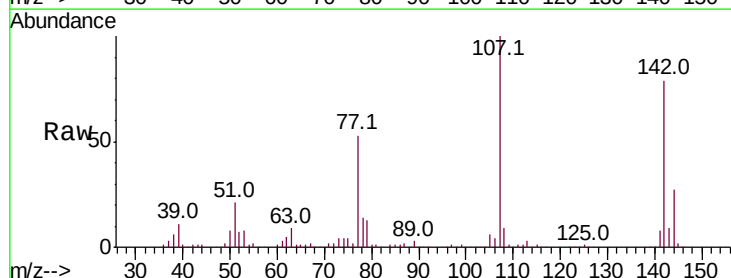
Manual Integrations
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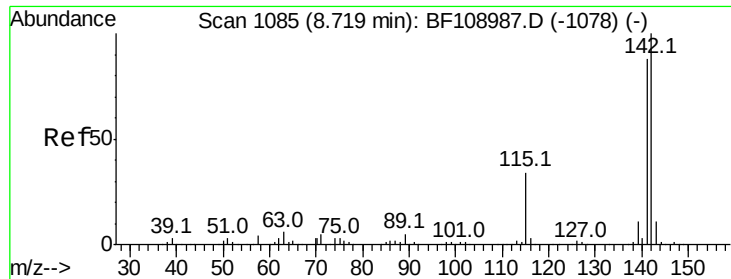
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 39.151 ng/ml
 RT: 8.57 min Scan# 1059
 Delta R.T. 0.01 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.7	20.5	30.7
142	79.0	62.0	93.0





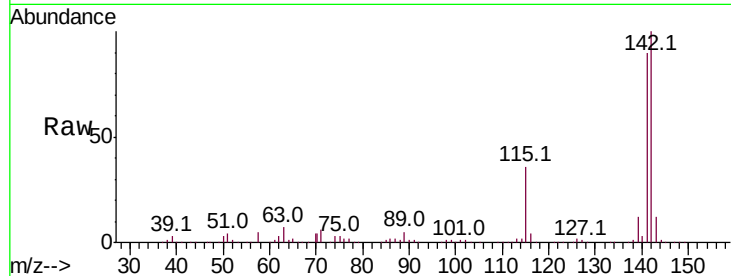
#37
2-Methylnaphthalene
Concen: 37.825 ng
RT: 8.72 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Instrument :
BNA_F
ClientSampleId :
ICVBF091418

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
115	36.1	26.1	39.1

Manual Integrations
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9/17/2018 1:59:22 PM

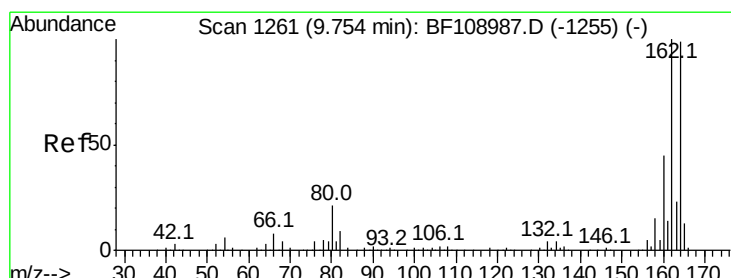
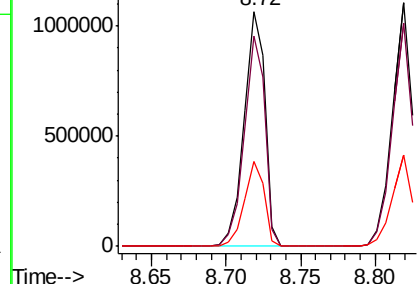
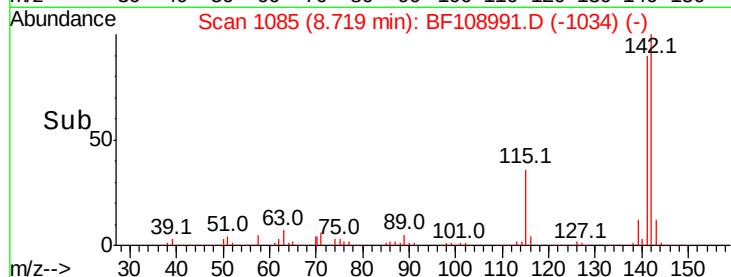


Abundance

Ion 142.00 (141.70 to 142.70): E

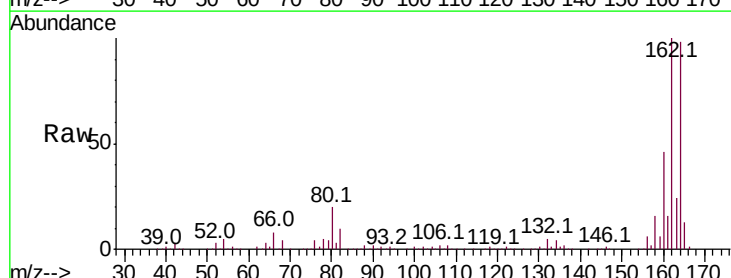
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1262
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	46.6	38.3	57.5

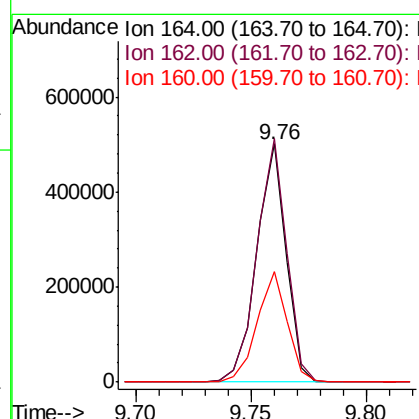
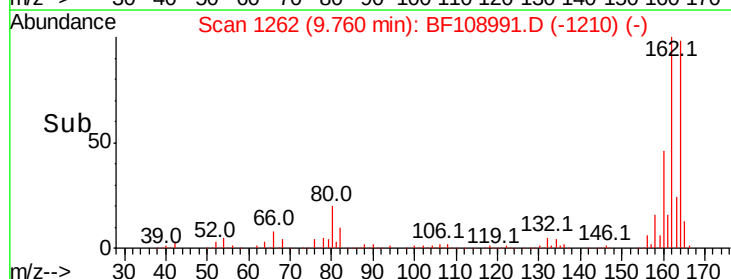


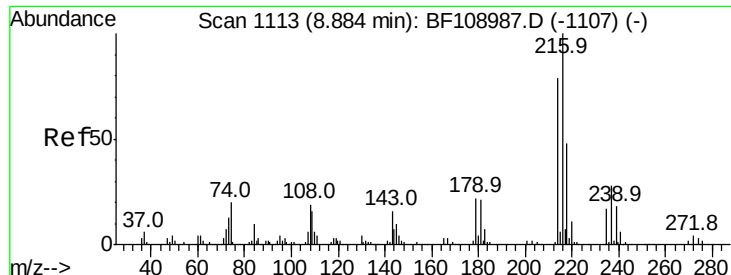
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





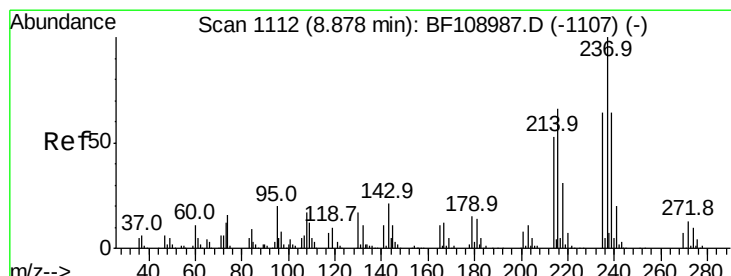
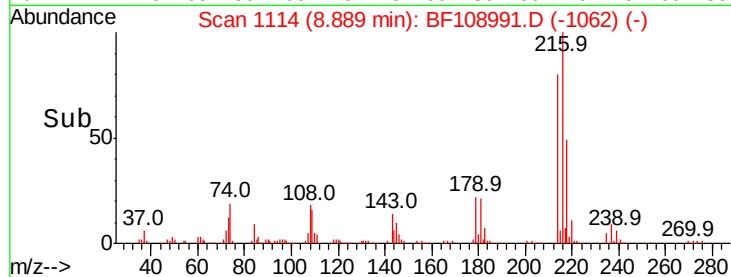
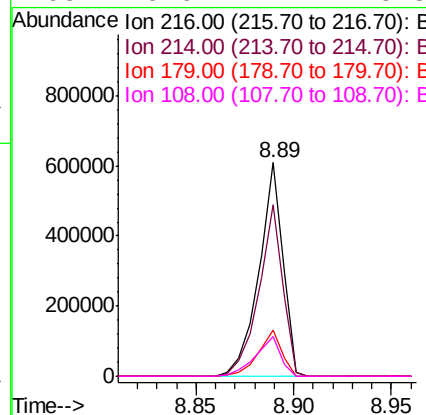
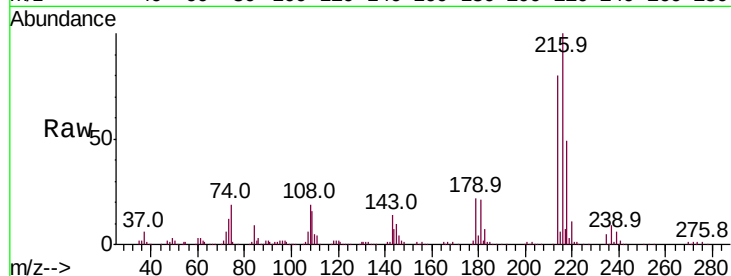
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.999 ng
 RT: 8.89 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091418

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.0	63.0	94.4
179	21.1	18.1	27.1
108	19.6	17.2	25.8

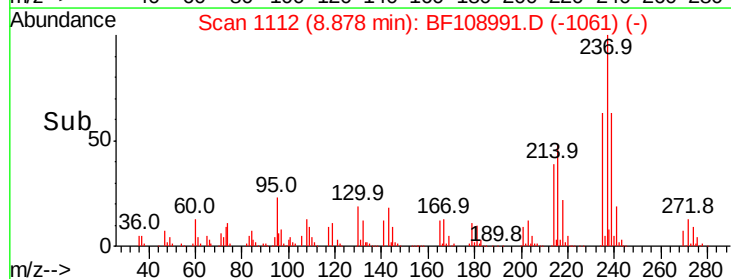
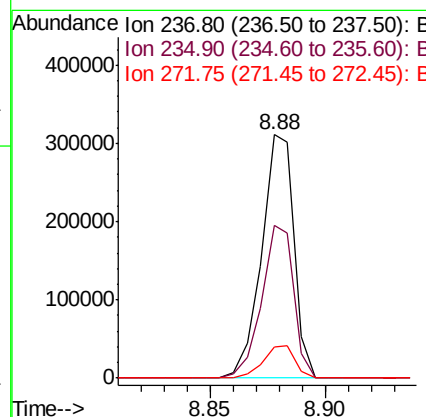
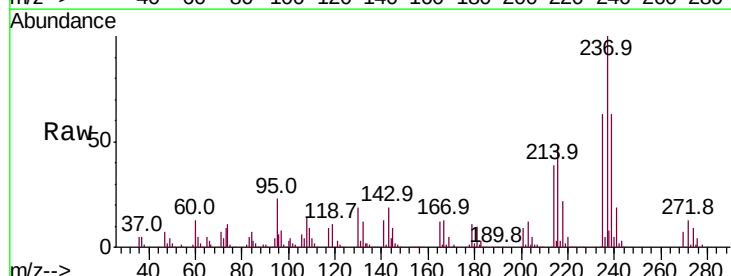
Manual Integrations
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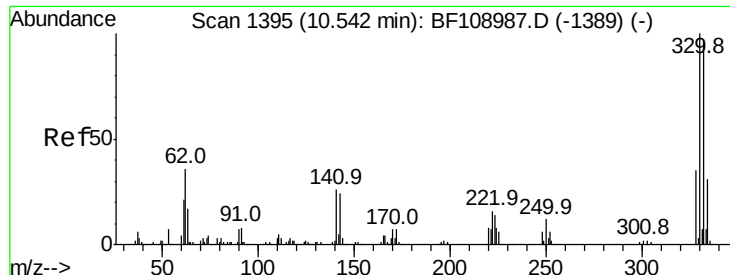
Sohil
 9/17/2018 1:59:22 PM



#40
 Hexachlorocyclopentadiene
 Concen: 43.030 ng
 RT: 8.88 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.6	44.8	84.8
272	12.5	0.0	33.3





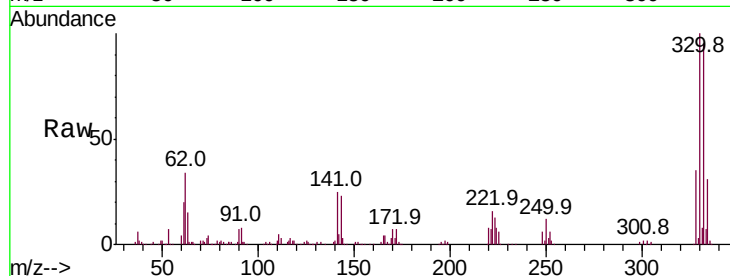
#41
 2,4,6-Tribromophenol
 Concen: 78.645 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. 0.01 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091418

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	77.0	115.6	
141	31.2	29.9	44.9	

Manual Integrations
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 9/17/2018 1:59:22 PM

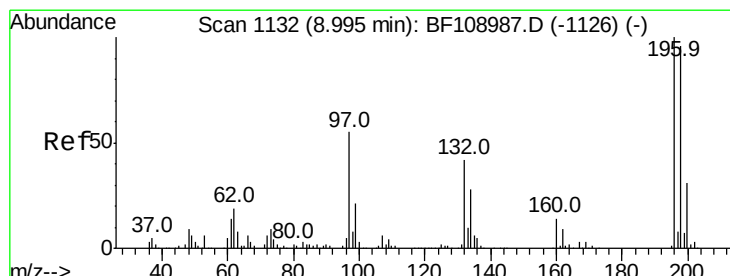
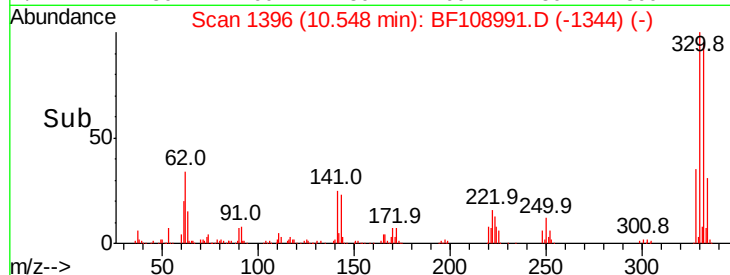
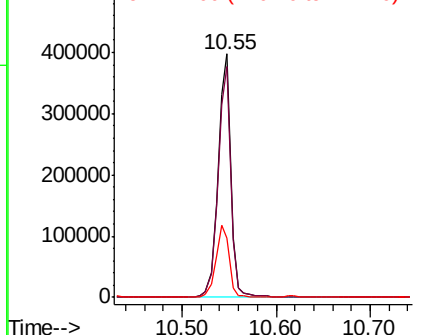


Abundance

Ion 329.80 (329.50 to 330.50): E

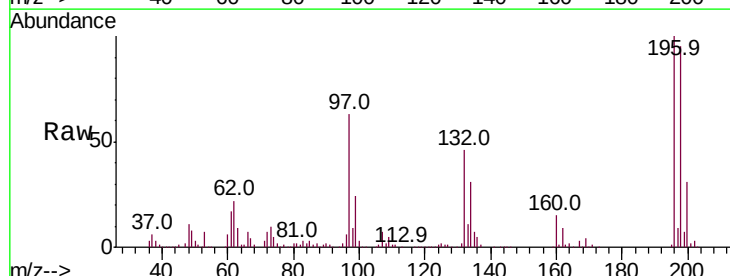
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 39.605 ng
 RT: 9.00 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.6	75.7	113.5	
200	30.7	24.5	36.7	

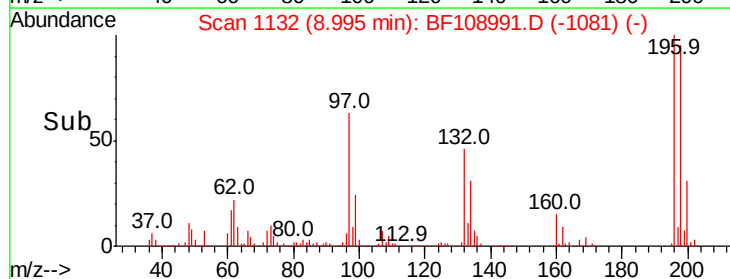
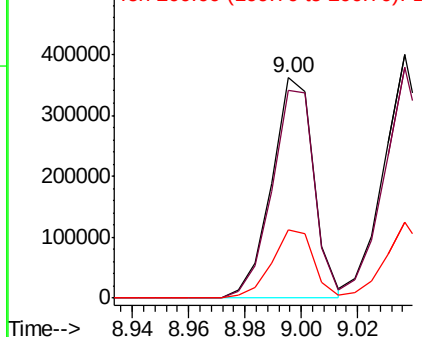


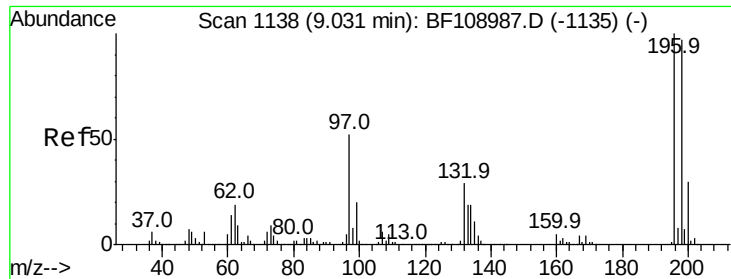
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





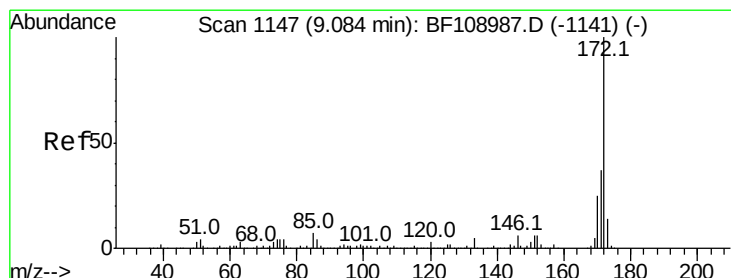
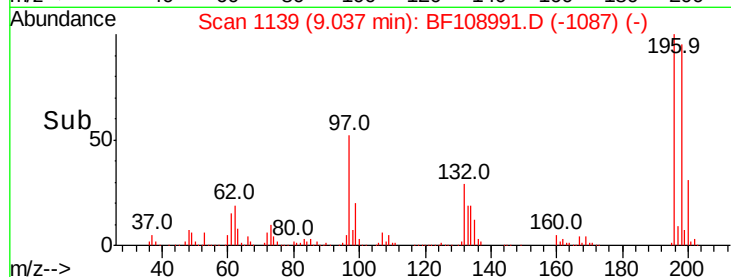
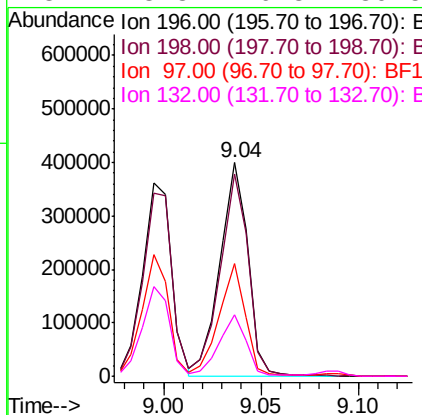
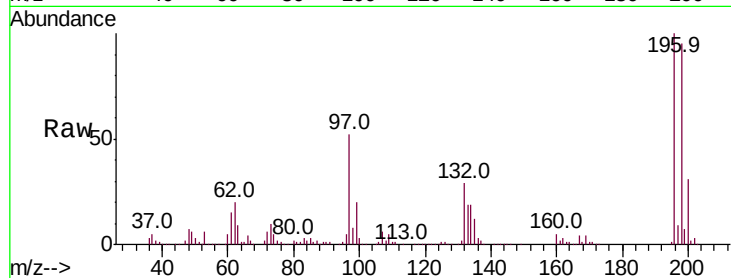
#43
 2,4,5-Trichlorophenol
 Concen: 40.310 ng
 RT: 9.04 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091418

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		397315		
198	94.9	74.6	112.0		
97	52.5	42.9	64.3		
132	28.8	26.3	39.5		

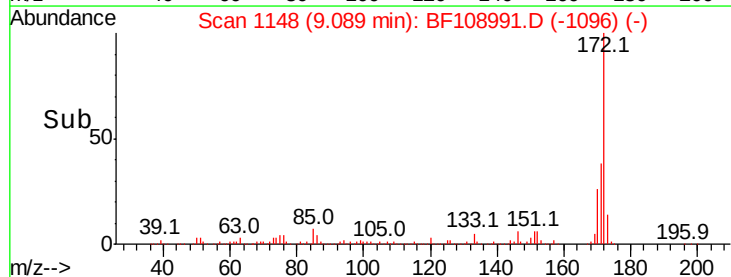
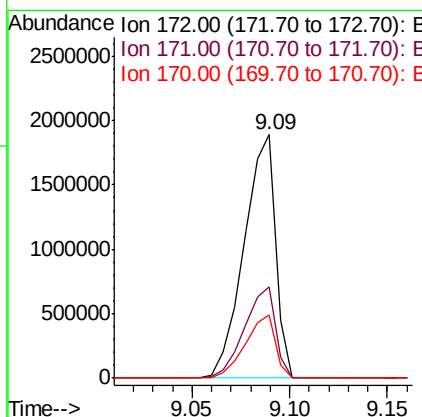
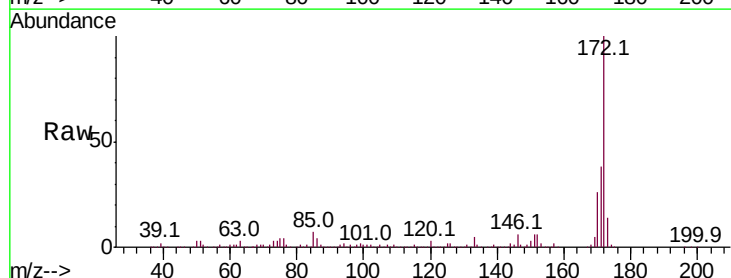
Manual Integrations
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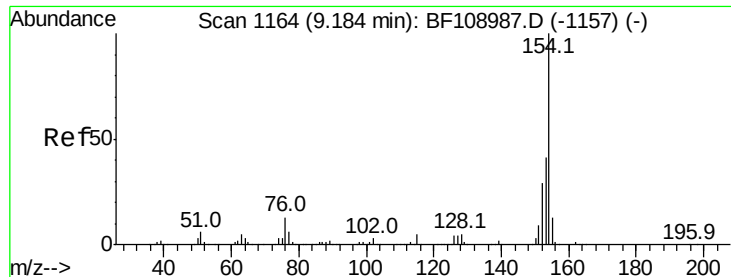
Sohil
 9/17/2018 1:59:22 PM



#44
 2-Fluorobiphenyl
 Concen: 74.148 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. 0.01 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		2110018		
171	37.6	29.7	44.5		
170	25.9	19.6	29.4		





#45

1,1'-Biphenyl

Concen: 37.116 ng

RT: 9.19 min Scan# 1165

Delta R.T. 0.01 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

Instrument :

BNA_F

ClientSampleId :

ICVBF091418

Tot Ion:154 Resp: 1323905

Ion Ratio Lower Upper

154 100

153 41.5 21.3 61.3

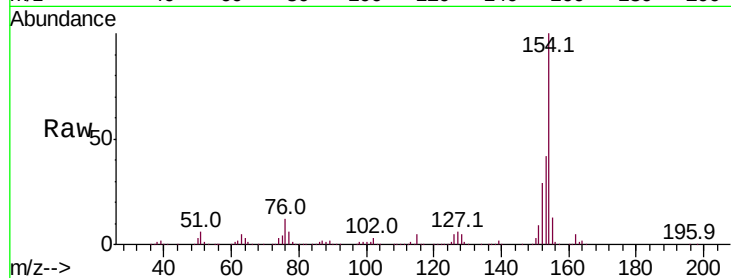
76 11.9 0.0 34.0

Manual Integrations

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Sohil

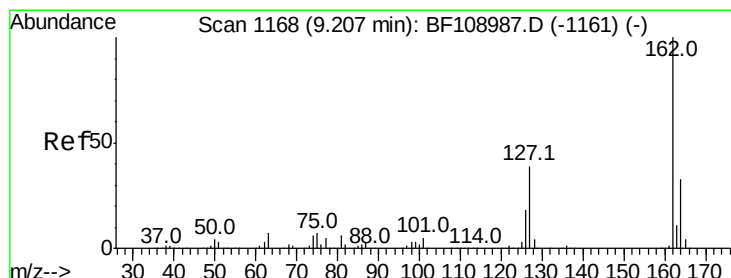
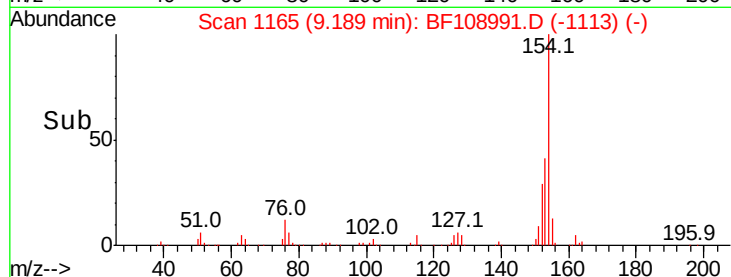
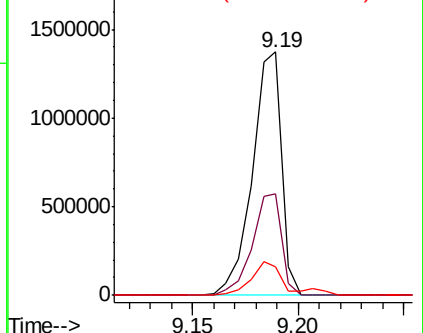
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 37.830 ng

RT: 9.21 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

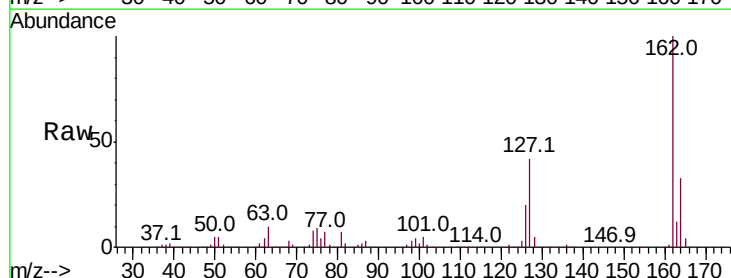
Tgt Ion:162 Resp: 1080663

Ion Ratio Lower Upper

162 100

127 42.3 33.9 50.9

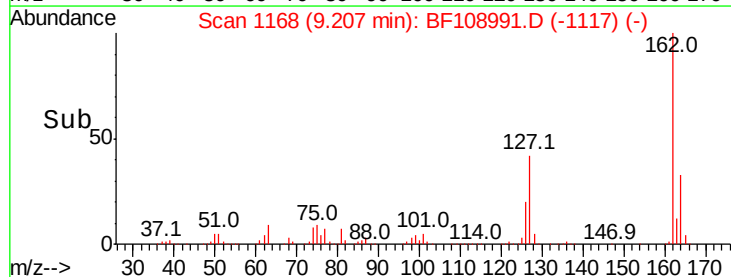
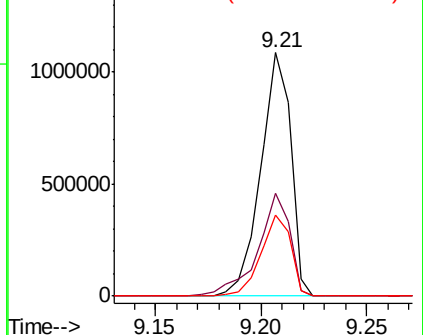
164 33.2 26.5 39.7

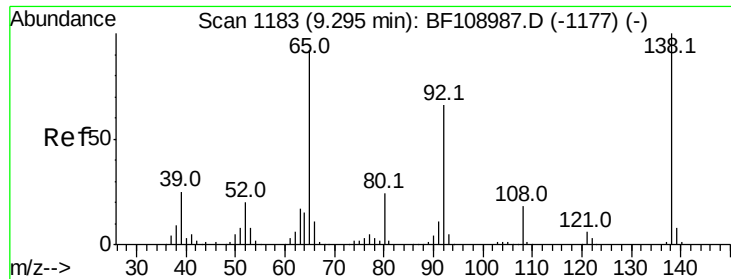


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





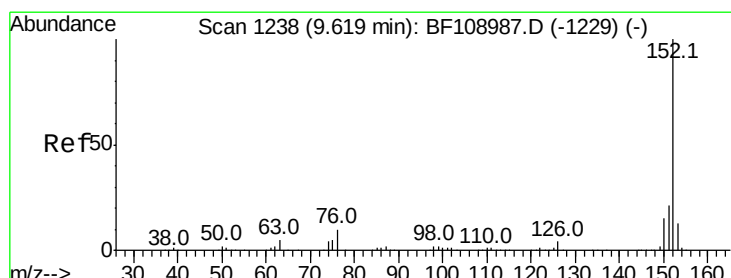
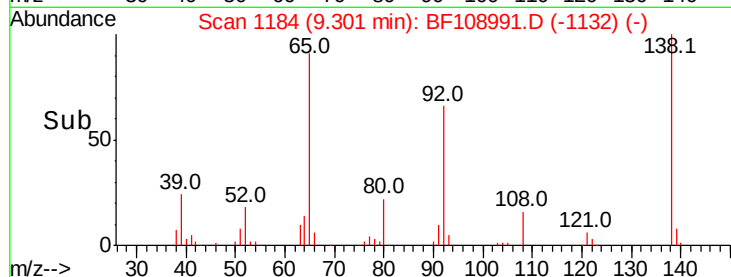
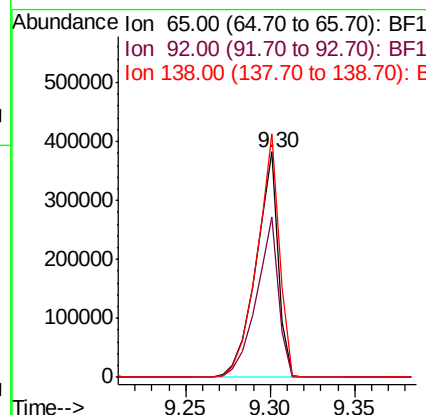
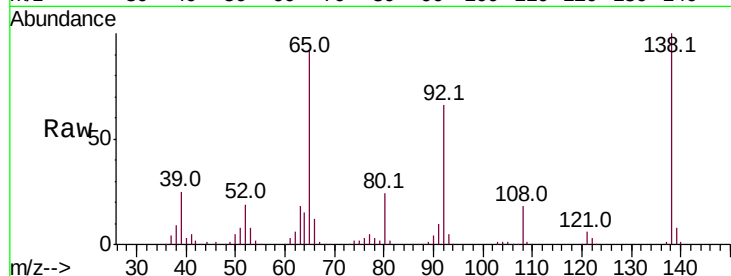
#47
 2-Nitroaniline
 Concen: 40.170 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091418

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.5	55.8	83.6
138	108.2	91.2	136.8

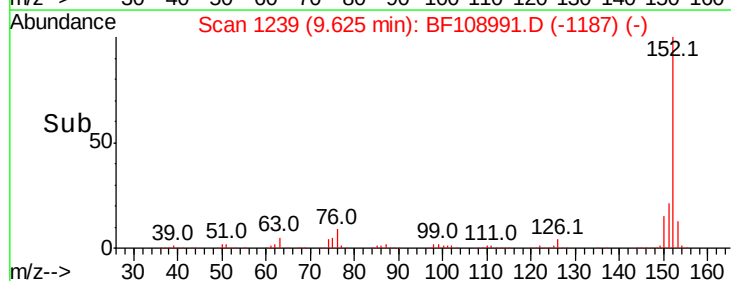
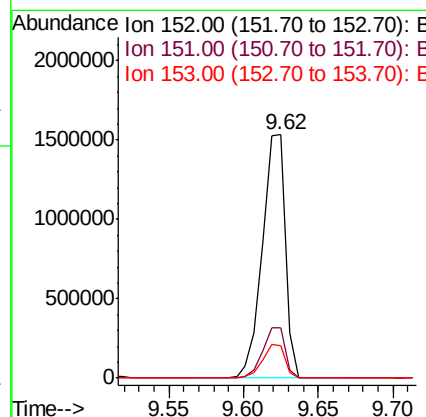
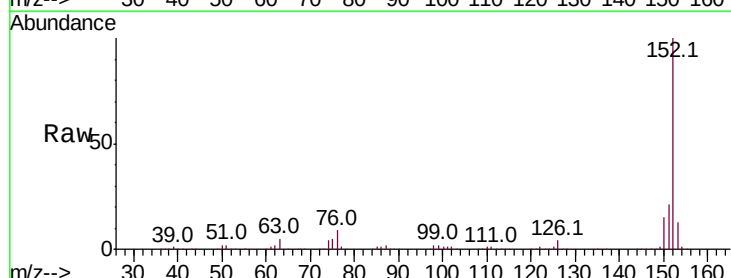
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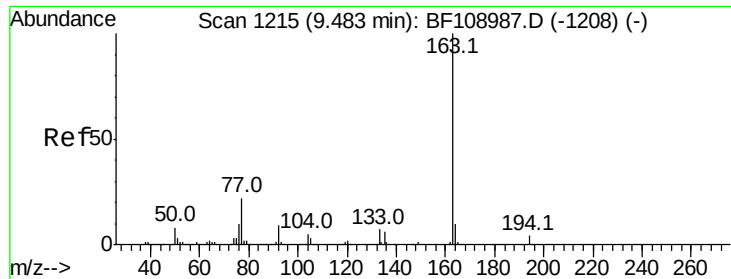
Sohil
 9/17/2018 1:59:22 PM



#48
 Acenaphthylene
 Concen: 37.511 ng
 RT: 9.62 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	13.4	10.7	16.1





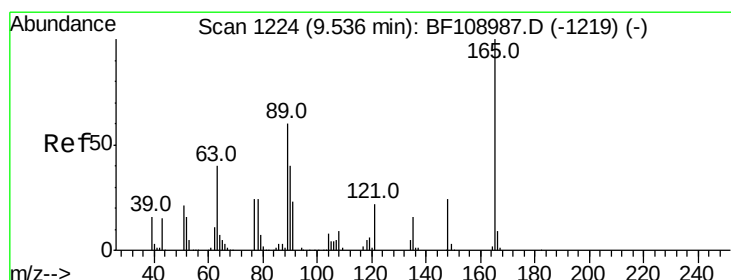
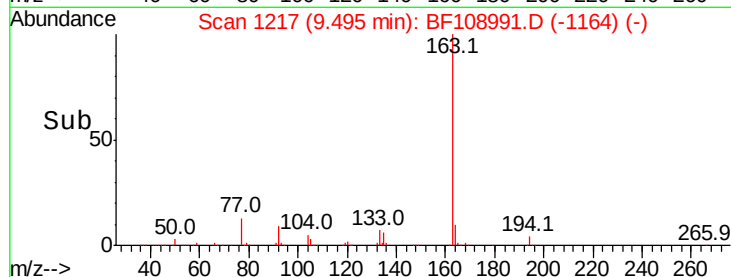
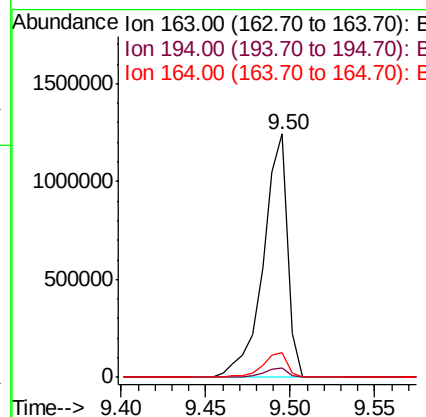
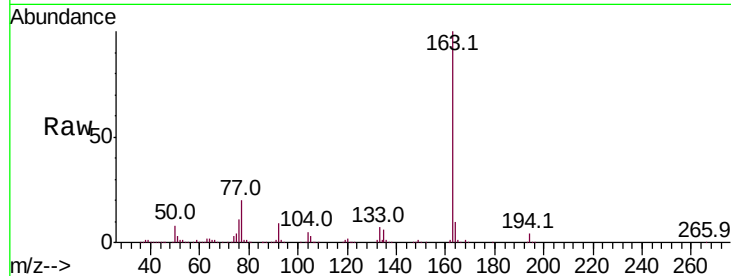
#49
Dimethylphthalate
Concen: 38.771 ng
RT: 9.50 min Scan# 1217
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Instrument :
BNA_F
ClientSampleId :
ICVBF091418

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1
164	10.2	8.2	12.2

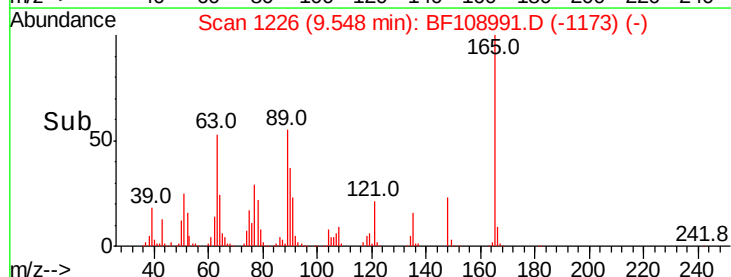
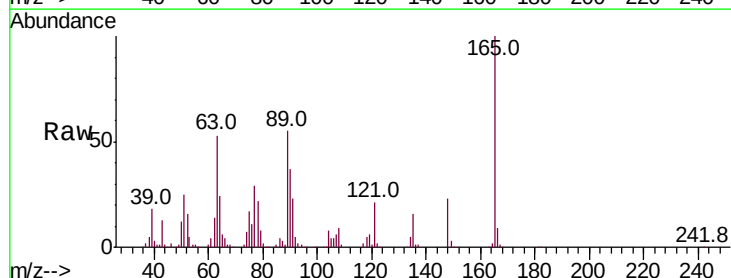
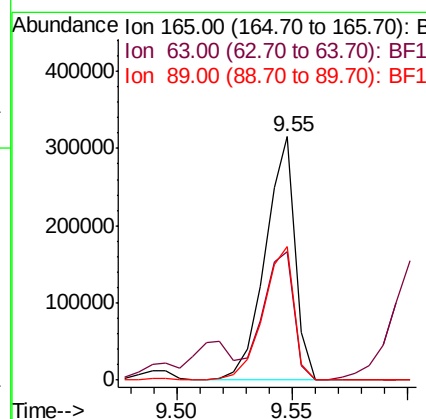
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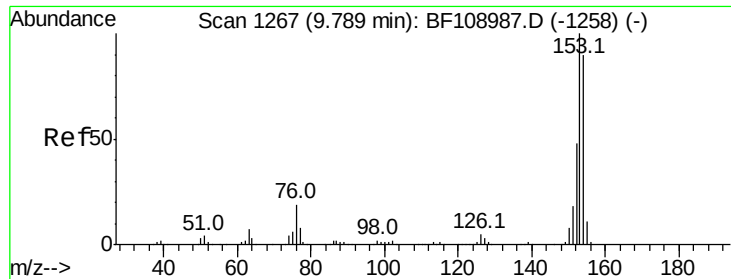
Sohil
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#50
2,6-Dinitrotoluene
Concen: 40.087 ng
RT: 9.55 min Scan# 1226
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.7	44.7	67.1
89	55.0	44.0	66.0





#51

Acenaphthene

Concen: 37.930 ng

RT: 9.80 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

Instrument :

BNA_F

ClientSampleId :

ICVBF091418

Tot Ion:154 Resp: 1017235

Ion Ratio Lower Upper

154 100

153 112.7 91.2 136.8

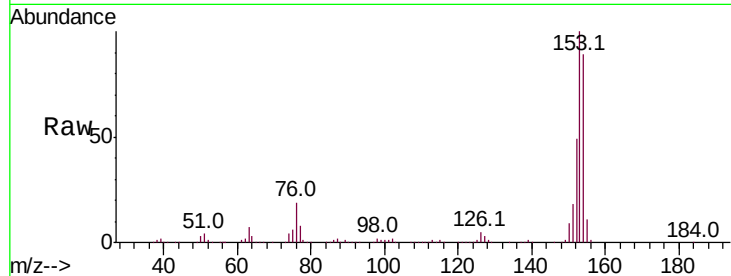
152 55.0 43.8 65.8

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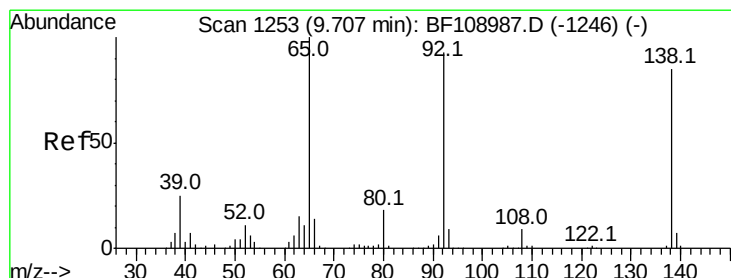
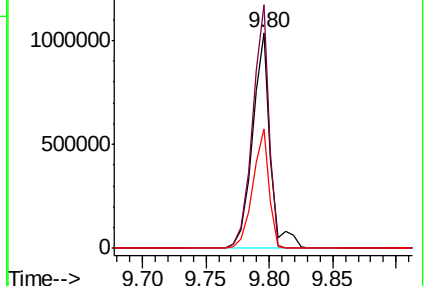
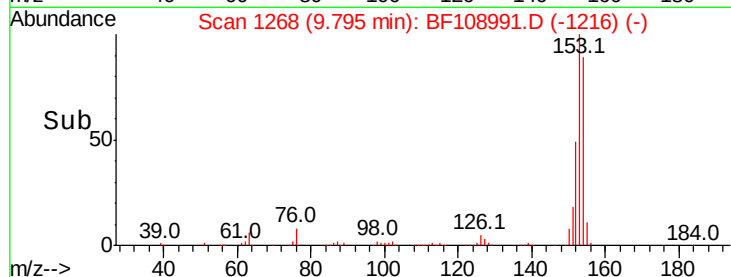
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.045 ng

RT: 9.71 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

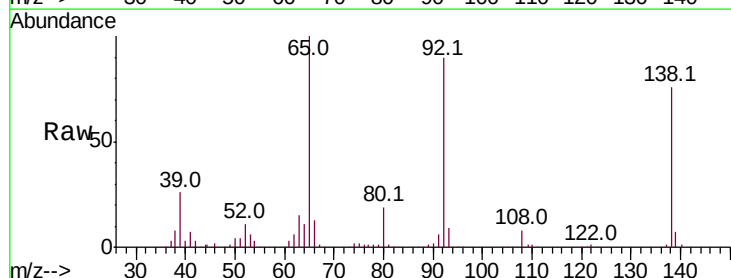
Tgt Ion:138 Resp: 333230

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

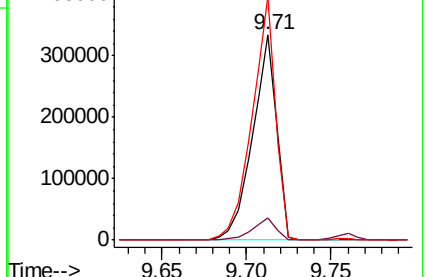
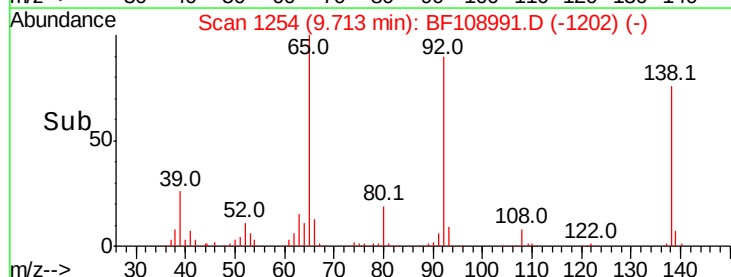
92 118.5 89.4 134.2

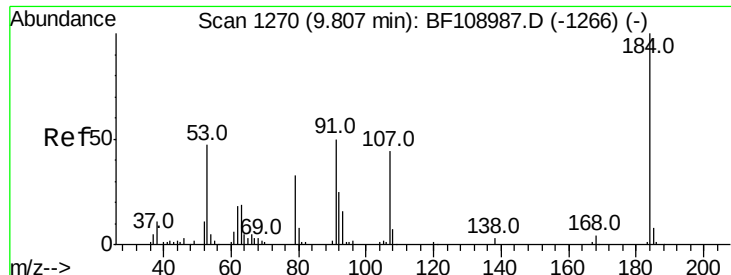


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





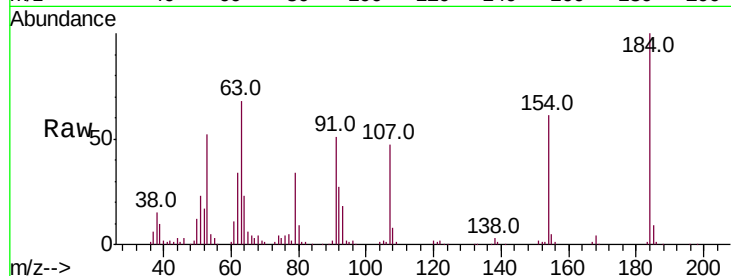
#53
2,4-Dinitrophenol
Concen: 45.374 ng
RT: 9.81 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Instrument :
BNA_F
ClientSampleId :
ICVBF091418

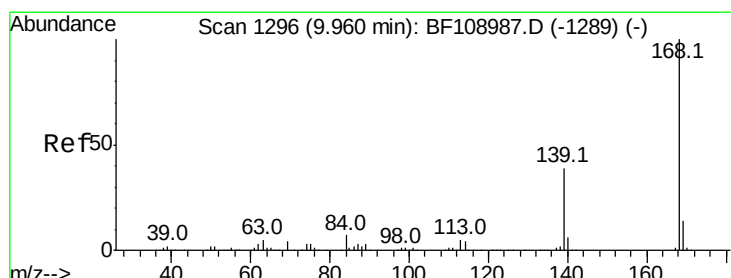
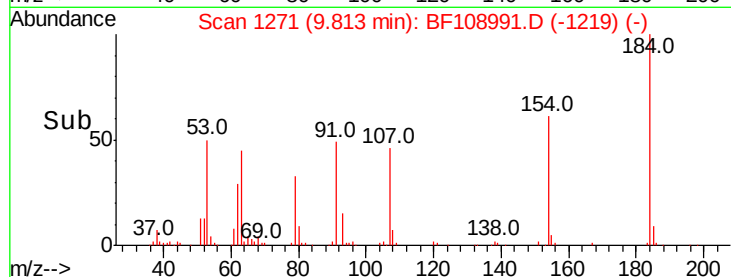
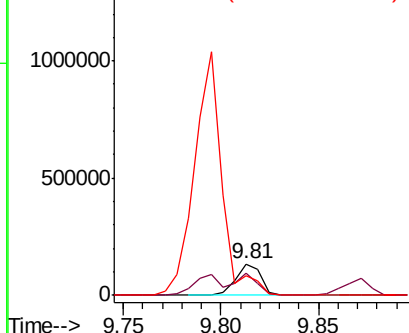
Tot Ion	Ratio	Lower	Upper
184	100		
63	68.4	54.2	81.2
154	61.1	184.0	276.0#

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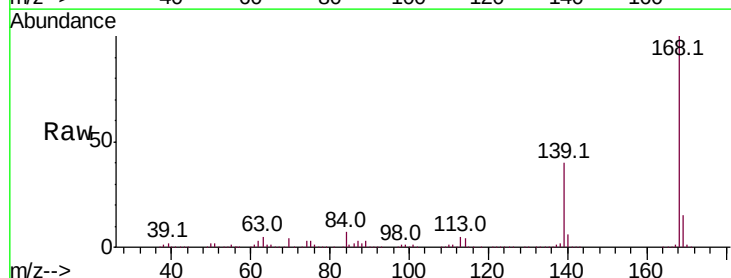


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

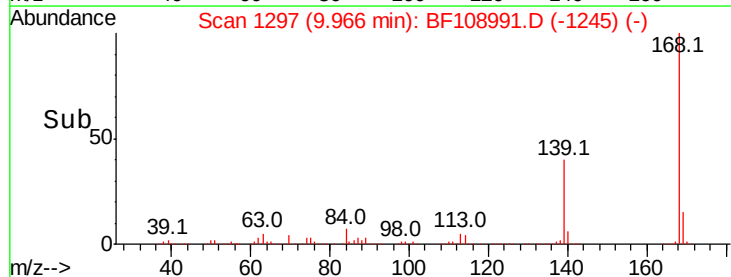
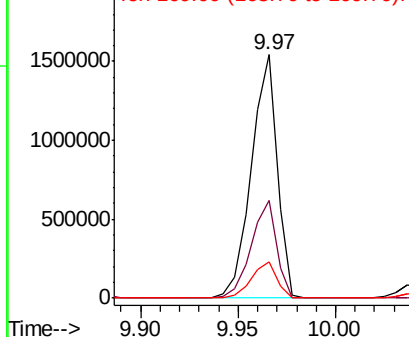


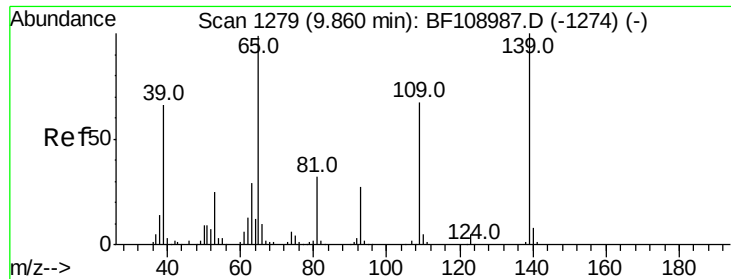
#54
Dibenzofuran
Concen: 36.592 ng
RT: 9.97 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.3	30.1	45.1
169	14.9	10.9	16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





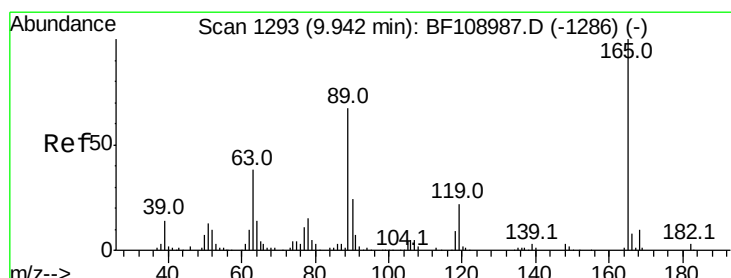
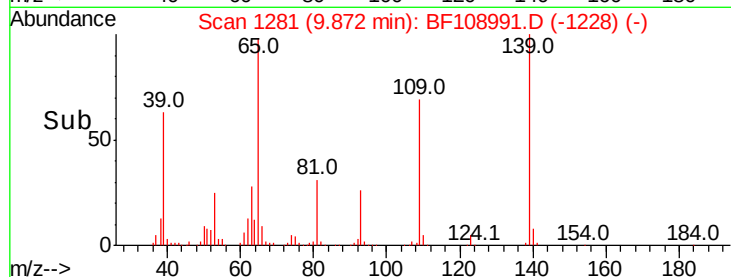
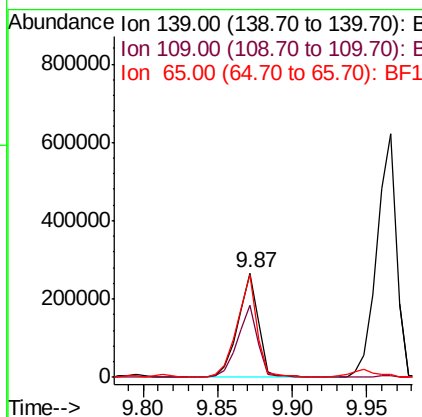
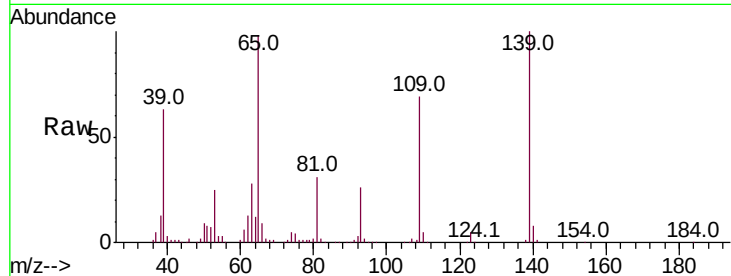
#55
4-Nitrophenol
Concen: 42.009 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Instrument :
BNA_F
ClientSampleId :
ICVBF091418

Tot Ion	Ratio	Resp	Lower	Upper
139	100	257552		
109	68.8	48.4	88.4	
65	98.2	72.6	112.6	

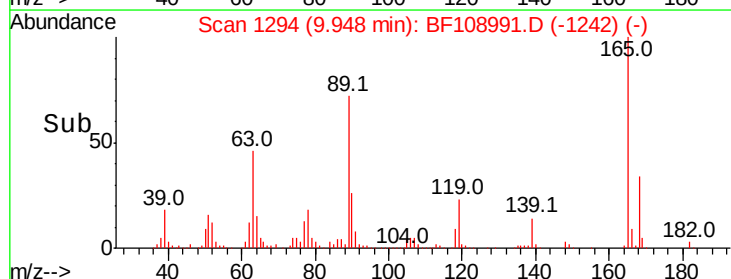
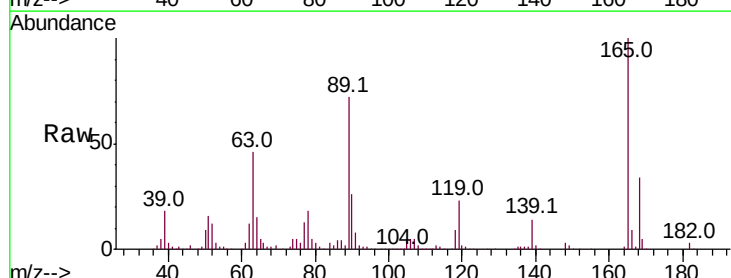
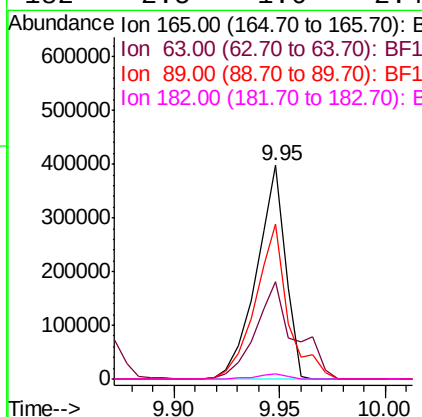
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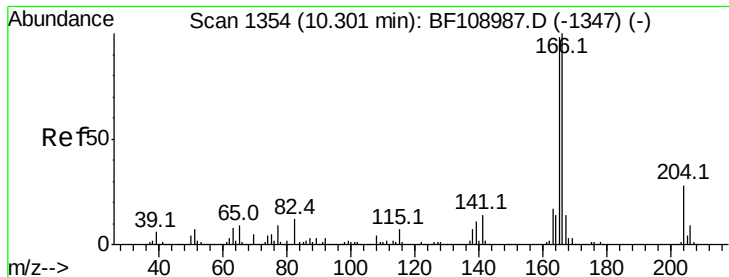
Sohil
9/17/2018 1:59:22 PM



#56
2,4-Dinitrotoluene
Concen: 40.847 ng
RT: 9.95 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	377502		
63	45.5	36.4	54.6	
89	72.5	57.8	86.6	
182	2.5	1.6	2.4	





#57

Fluorene

Concen: 37.883 ng

RT: 10.31 min Scan# 1355

Delta R.T. 0.01 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

Instrument :

BNA_F

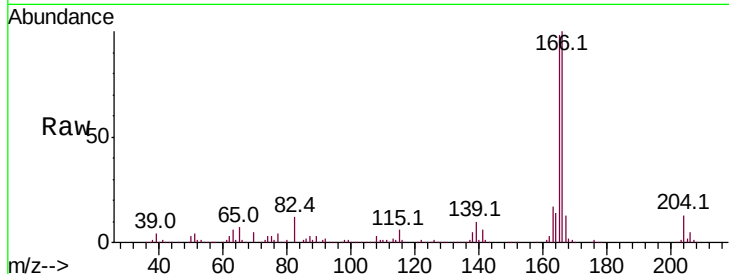
ClientSampleId :

ICVBF091418

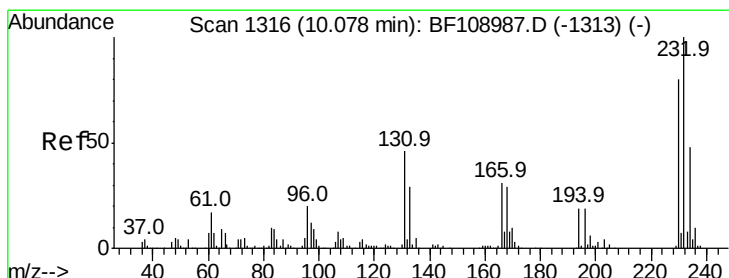
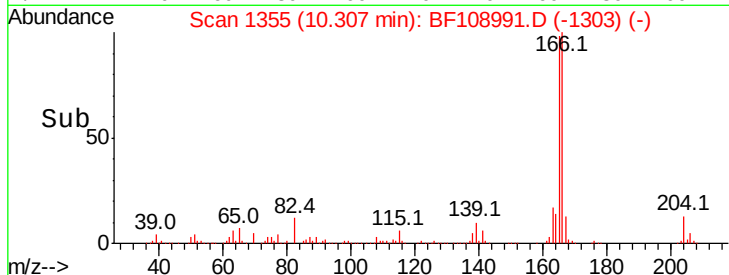
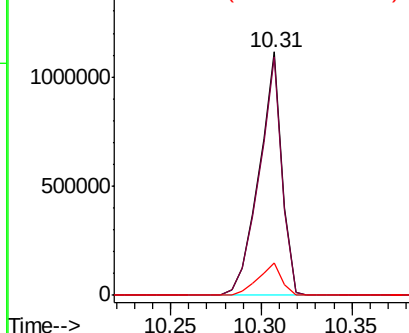
Tot Ion:	166	Resp:	978406
Ion Ratio	Lower	Upper	
166	100		
165	97.8	79.8	119.8
167	13.3	10.6	16.0

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.841 ng

RT: 10.08 min Scan# 1317

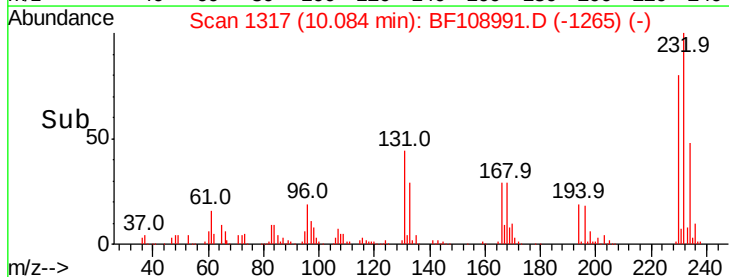
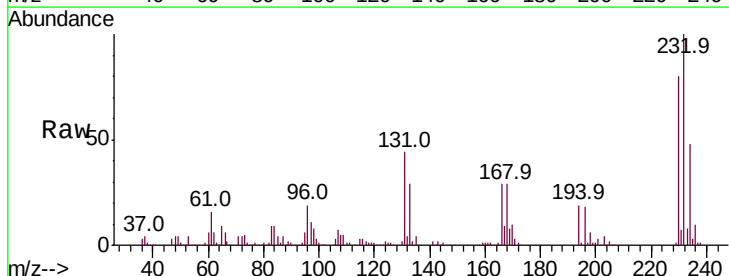
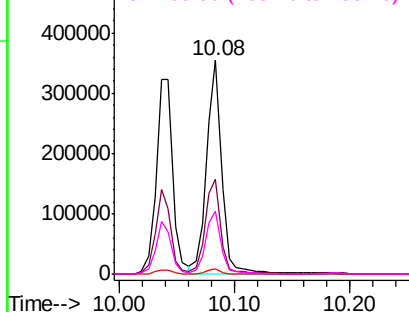
Delta R.T. 0.01 min

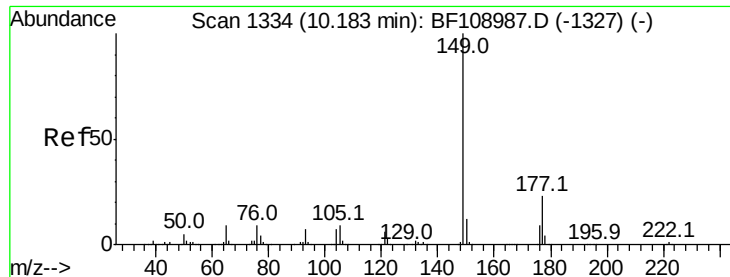
Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

Tgt Ion:	232	Resp:	325157
Ion Ratio	Lower	Upper	
232	100		
131	46.3	43.8	65.8
130	2.2	2.1	3.1
166	29.7	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





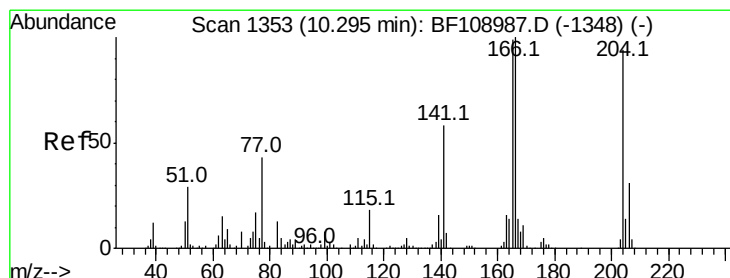
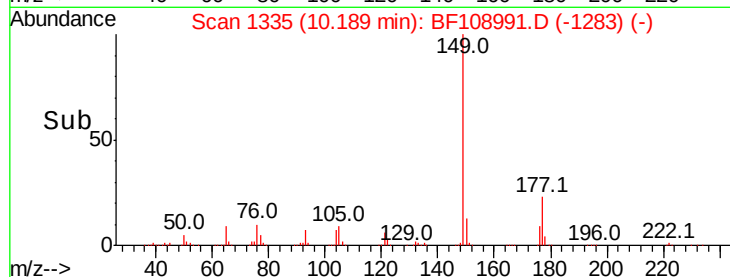
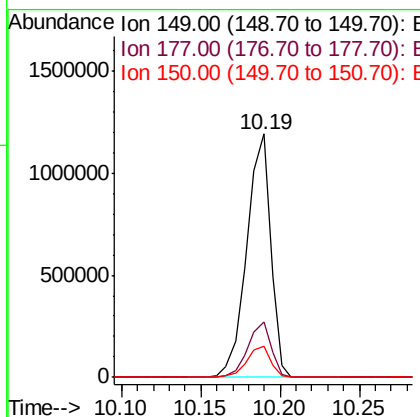
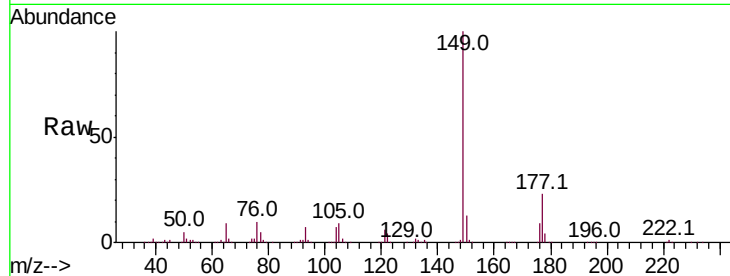
#59
Diethylphthalate
Concen: 38.829 ng
RT: 10.19 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Instrument :
BNA_F
ClientSampleId :
ICVBF091418

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.0	16.1	24.1
150	12.9	10.1	15.1

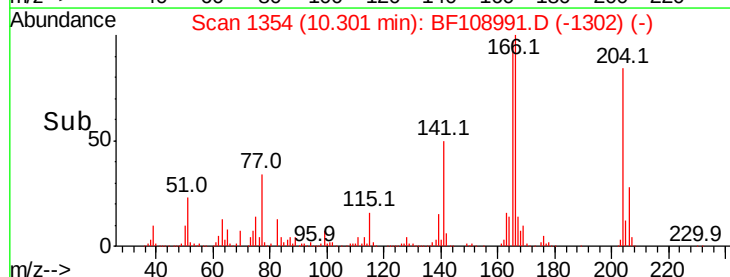
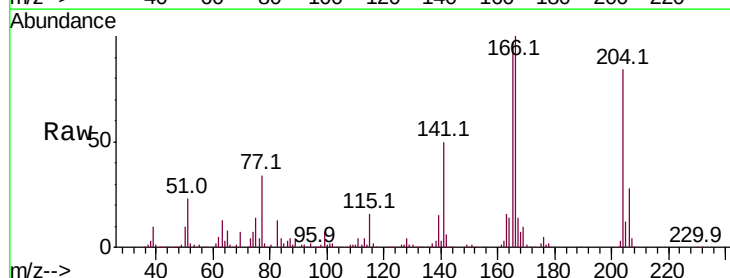
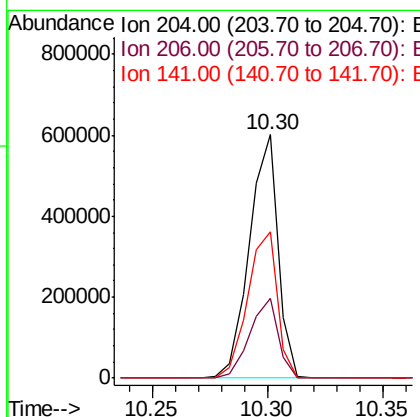
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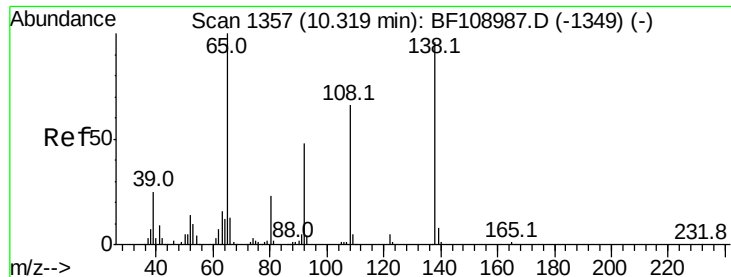
Sohil
9/17/2018 1:59:22 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.832 ng
RT: 10.30 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	60.1	54.6	81.8





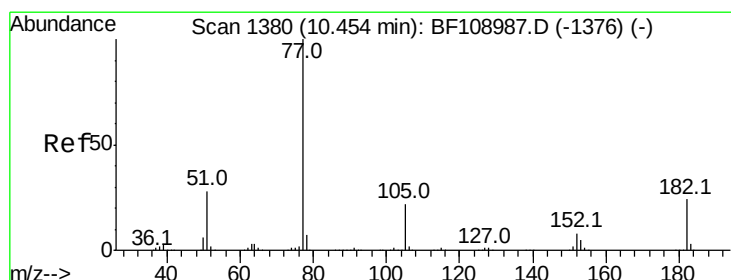
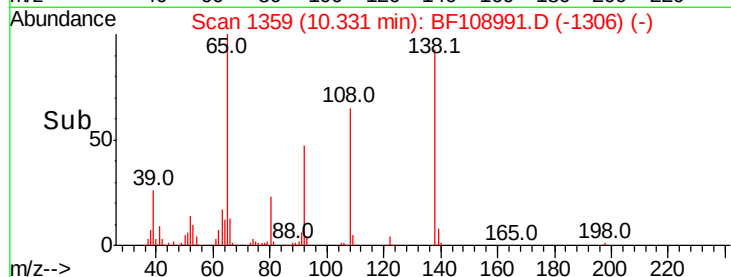
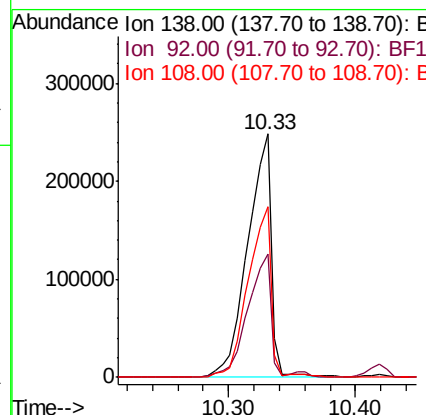
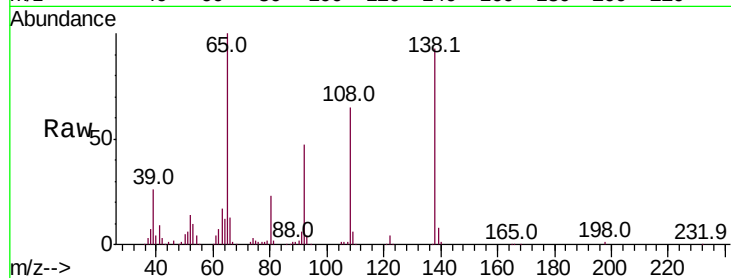
#61
4-Nitroaniline
Concen: 40.888 ng
RT: 10.33 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Instrument :
BNA_F
ClientSampleId :
ICVBF091418

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.4	30.2	70.2
108	70.4	52.5	92.5

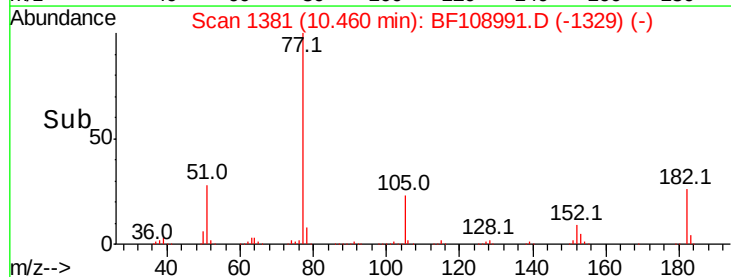
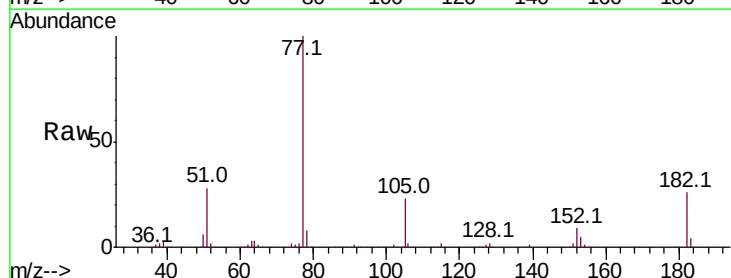
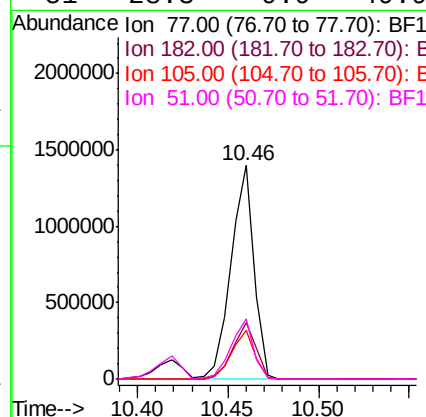
Manual Integrations
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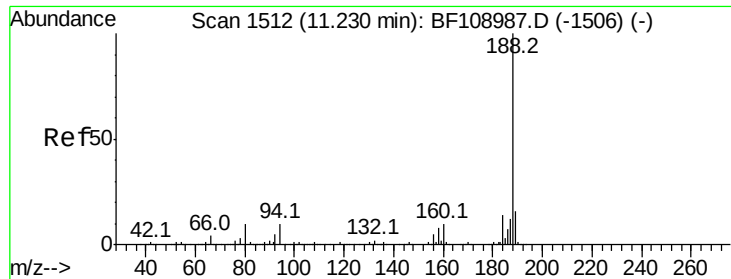
Sohil
9/17/2018 1:59:22 PM



#62
Azobenzene
Concen: 37.596 ng
RT: 10.46 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.4	1.7	41.7
105	22.5	3.0	43.0
51	28.3	9.9	49.9





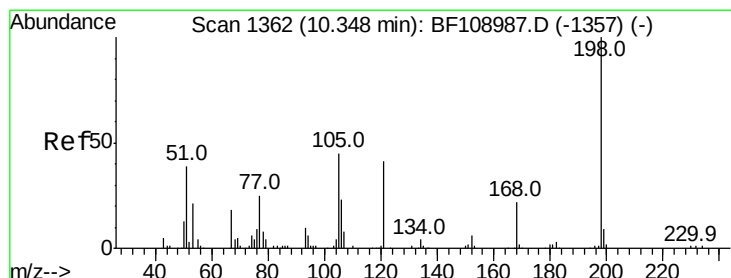
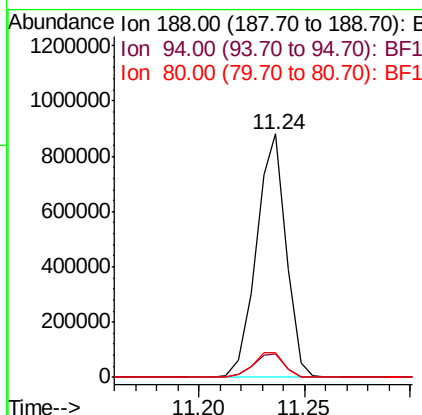
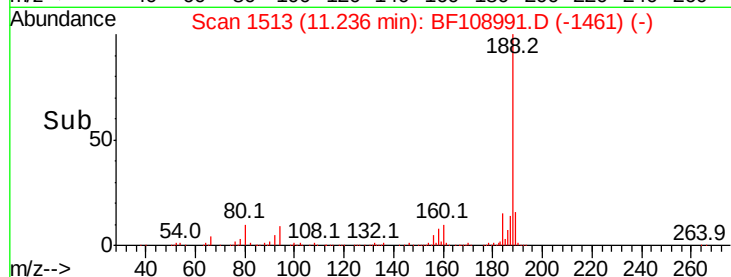
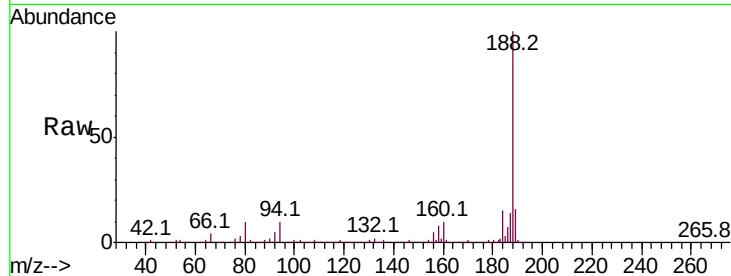
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1513
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Instrument :
BNA_F
ClientSampleId :
ICVBF091418

Tot Ion	Ratio	Resp	Lower	Upper
188	100	859452		
94	9.8		8.5	12.7
80	10.4		9.2	13.8

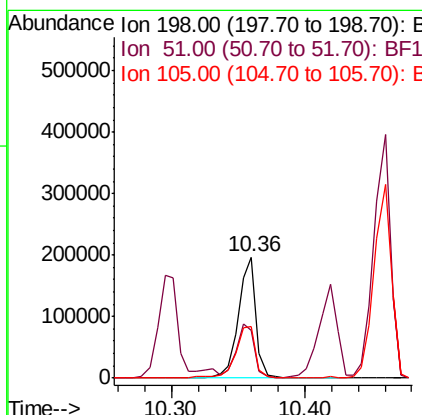
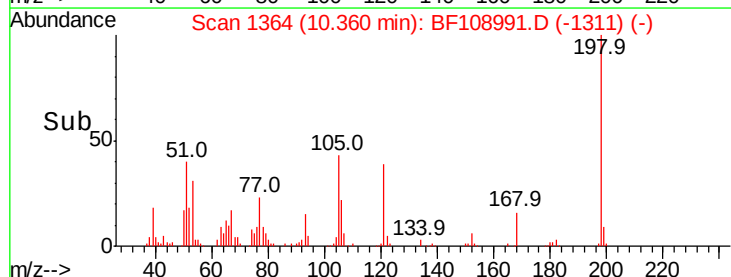
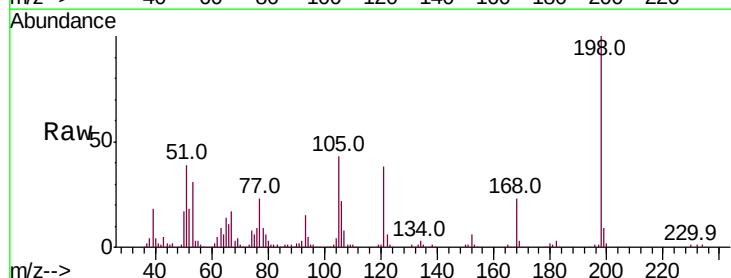
Manual Integrations
APPROVED

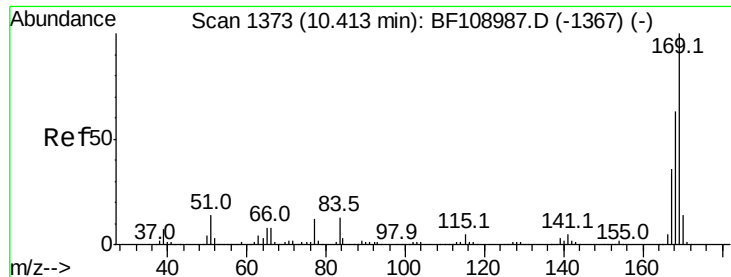
Sohil
9/17/2018 1:59:22 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 43.947 ng
RT: 10.36 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	180714		
51	39.1		37.7	77.7
105	42.8		36.3	76.3





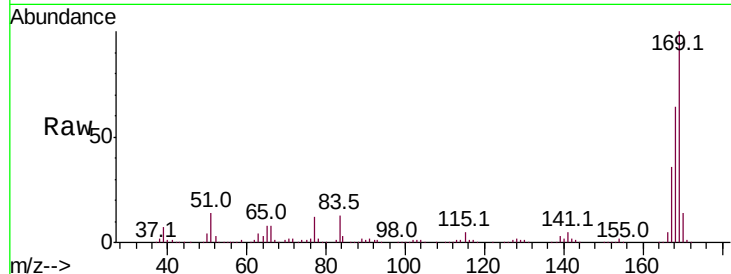
#65
n-Nitrosodiphenylamine
Concen: 38.948 ng
RT: 10.42 min Scan# 1374
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Instrument :
BNA_F
ClientSampleId :
ICVBF091418

Tot Ion	Ratio	Lower	Upper
169	100		
168	63.9	54.4	81.6
167	35.7	29.8	44.6

Manual Integrations
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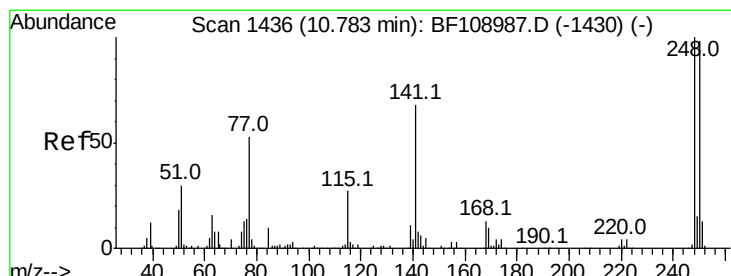
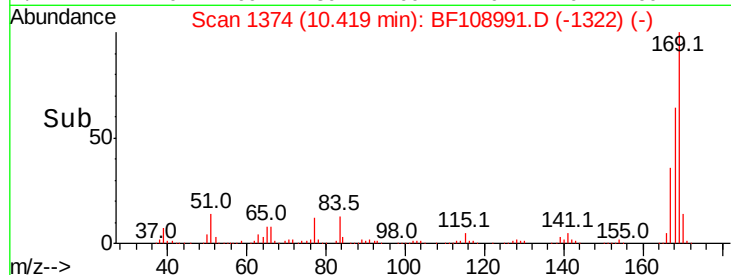
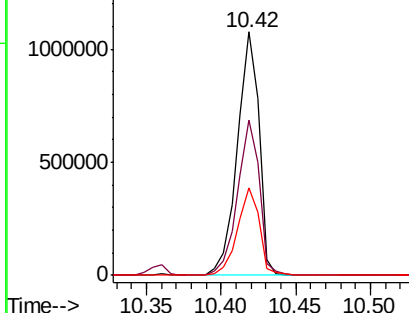


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 39.047 ng
RT: 10.79 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

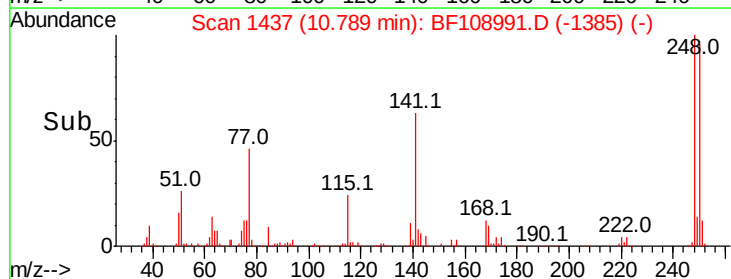
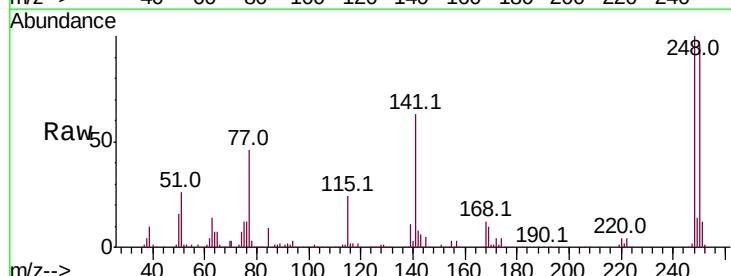
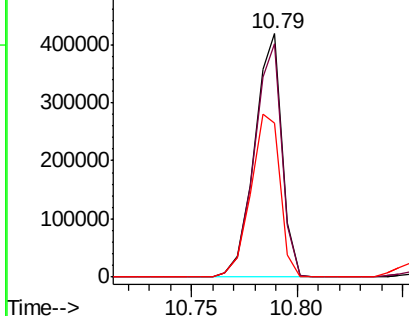
Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.0	76.9	115.3
141	63.4	74.4	111.6

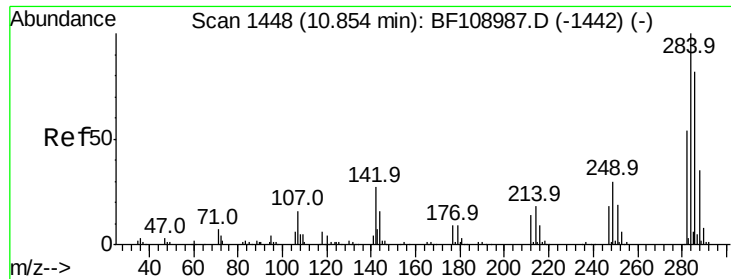
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.391 ng

RT: 10.85 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

Instrument :

BNA_F

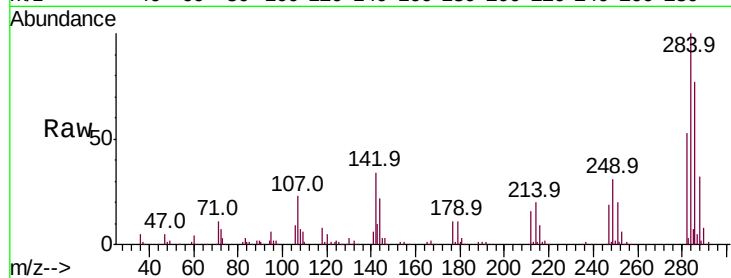
ClientSampleId :

ICVBF091418

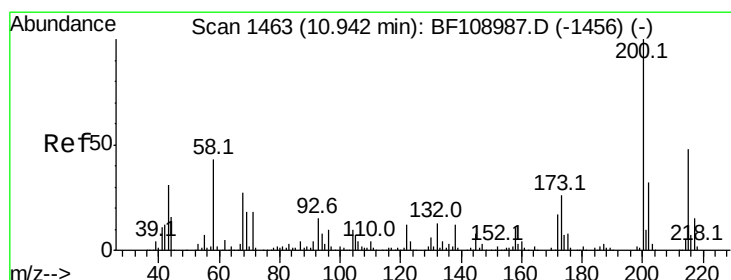
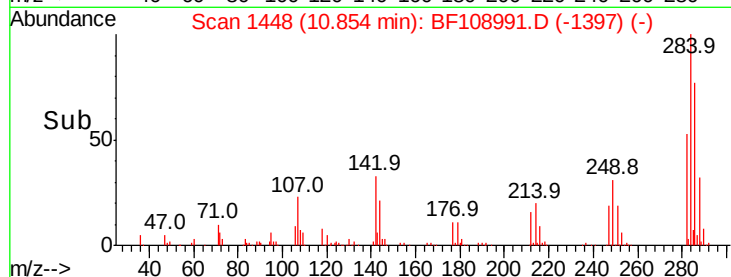
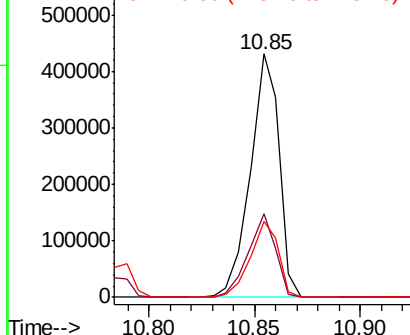
Tot Ion:	284	Resp:	408241
Ion Ratio	Lower	Upper	
284	100		
142	34.1	34.6	52.0#
249	31.3	24.8	37.2

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: 39.810 ng

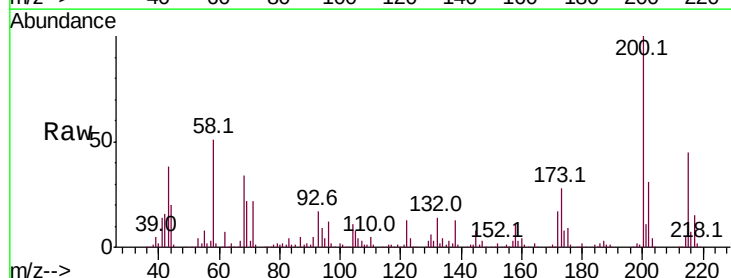
RT: 10.95 min Scan# 1464

Delta R.T. 0.01 min

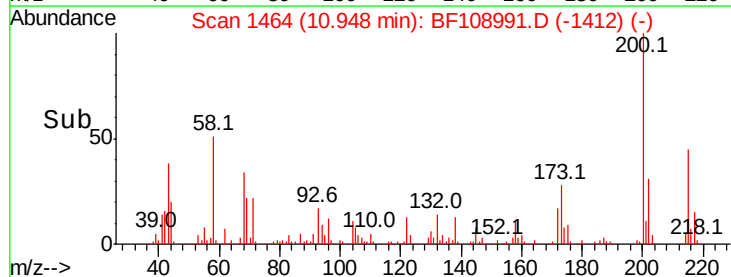
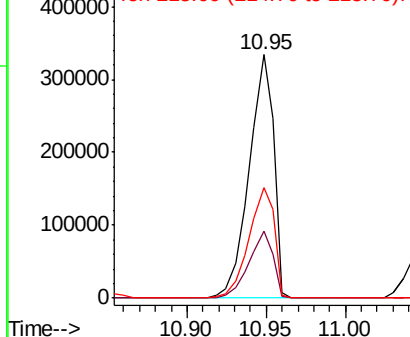
Lab File: BF108991.D

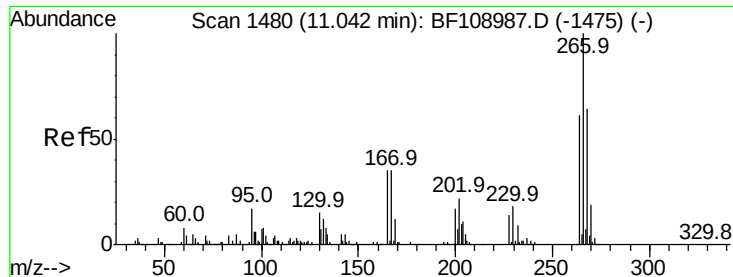
Acq: 14 Sep 2018 13:28

Tgt Ion:	200	Resp:	358272
Ion Ratio	Lower	Upper	
200	100		
173	27.7	8.6	48.6
215	45.2	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





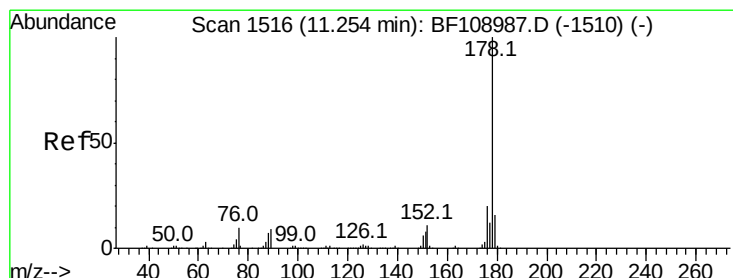
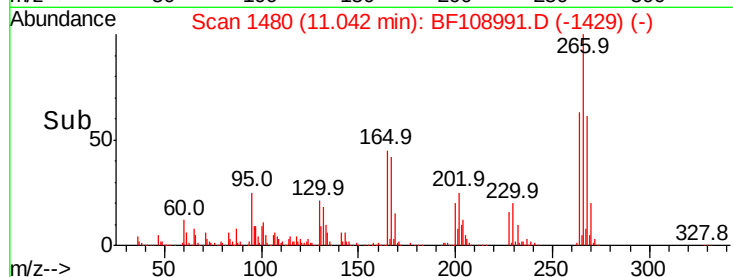
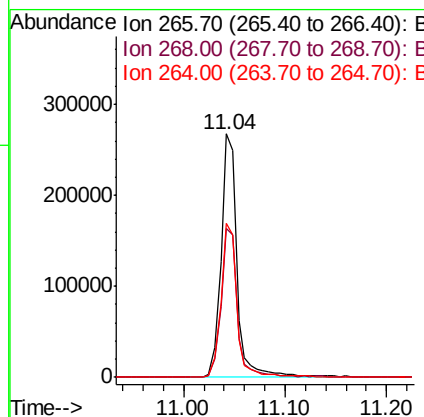
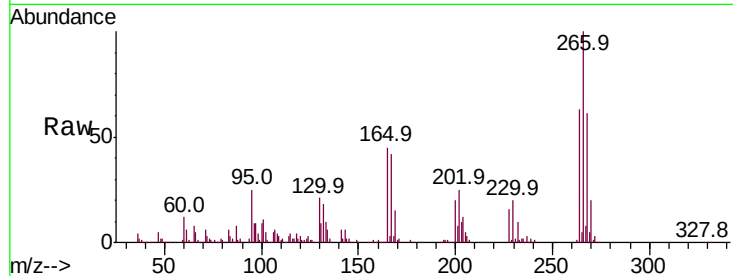
#69
 Pentachlorophenol
 Concen: 44.061 ng
 RT: 11.04 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091418

Tot Ion	Ratio	Resp	Lower	Upper
266	100	292159		
268	61.1	51.1	76.7	
264	63.3	49.5	74.3	

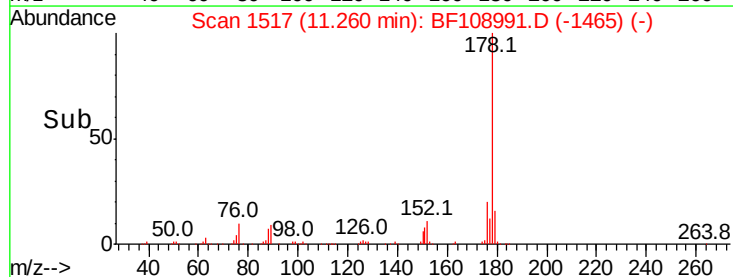
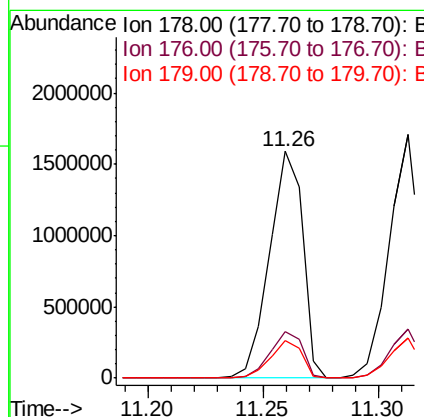
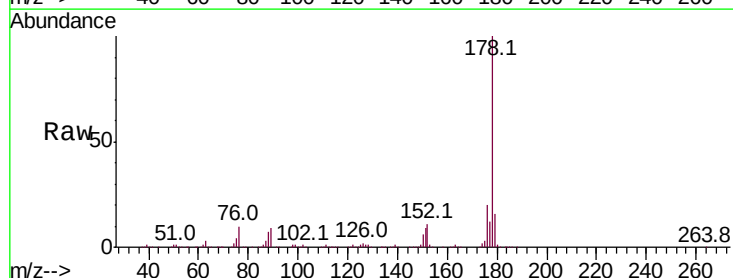
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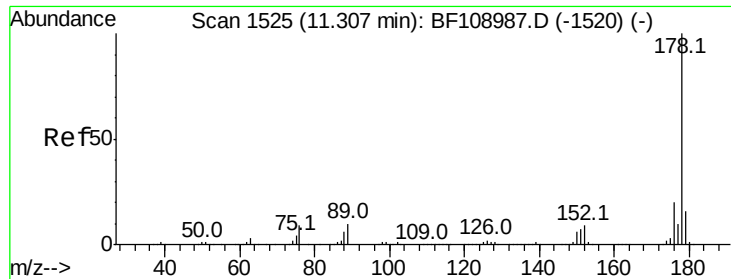
Sohil
 9/17/2018 1:59:22 PM



#70
 Phenanthrene
 Concen: 37.657 ng
 RT: 11.26 min Scan# 1517
 Delta R.T. 0.01 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1586481		
176	20.5	15.8	23.8	
179	16.4	13.0	19.6	





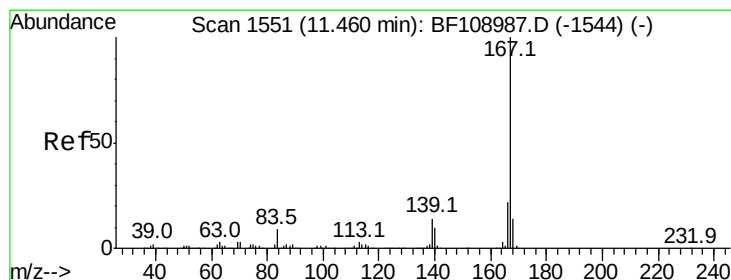
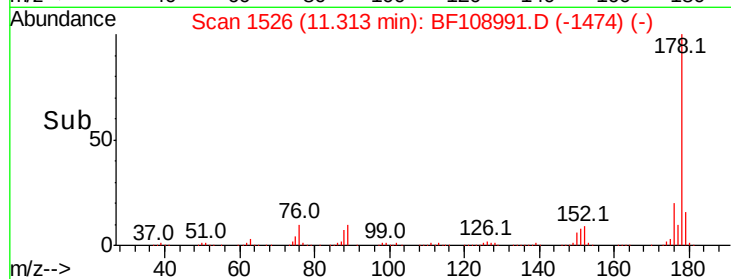
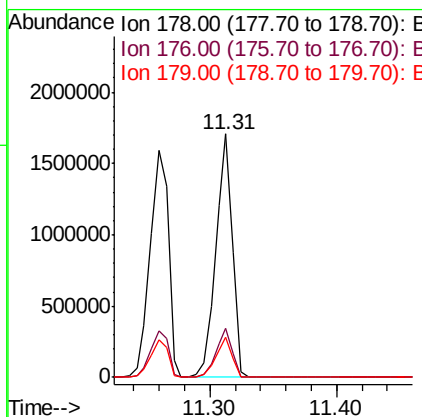
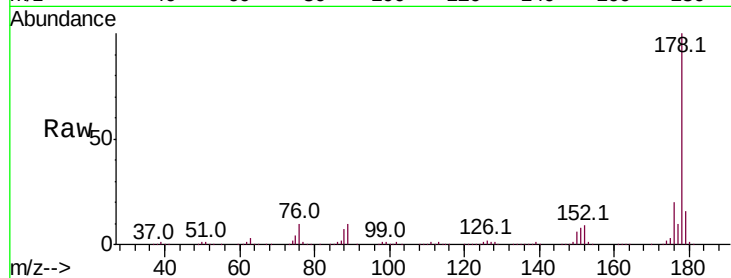
#71
 Anthracene
 Concen: 36.810 ng
 RT: 11.31 min Scan# 1526
 Delta R.T. 0.01 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091418

Tot Ion:178 Resp: 1572075
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.4 23.2
 179 16.3 12.6 19.0

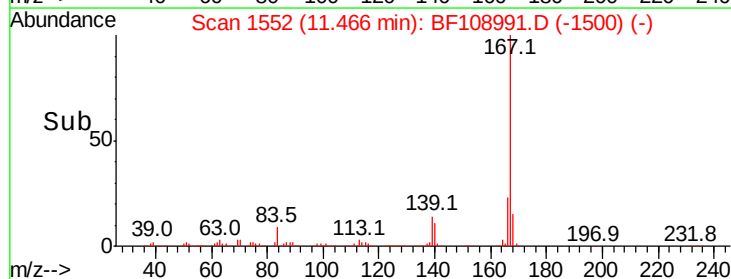
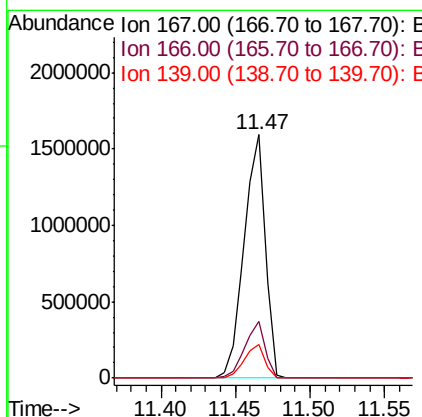
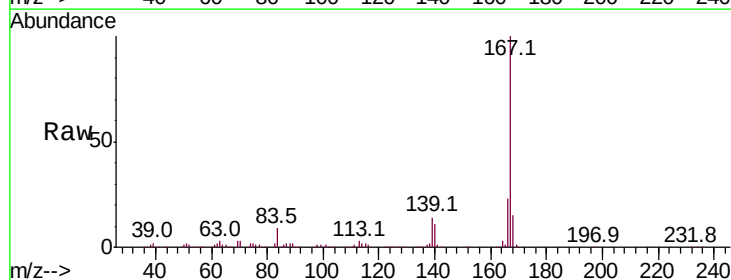
Manual Integrations
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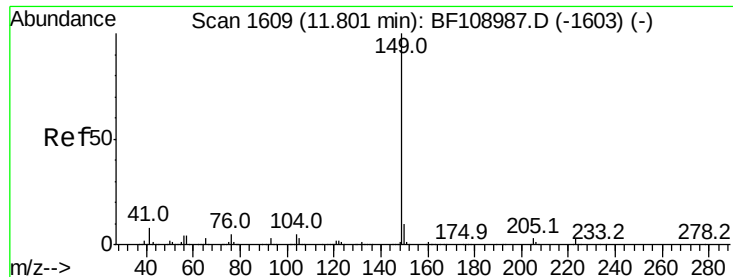
Sohil
 9/17/2018 1:59:22 PM



#72
 Carbazole
 Concen: 37.251 ng
 RT: 11.47 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Tgt Ion:167 Resp: 1574834
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.6 26.4
 139 13.9 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.411 ng

RT: 11.81 min Scan# 1610

Delta R.T. 0.01 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

Instrument :

BNA_F

ClientSampleId :

ICVBF091418

Tot Ion:149 Resp: 1851374

Ion Ratio Lower Upper

149 100

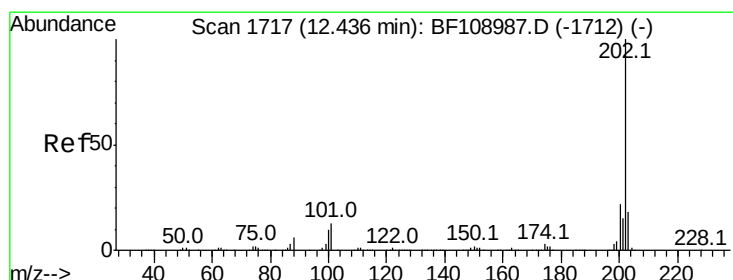
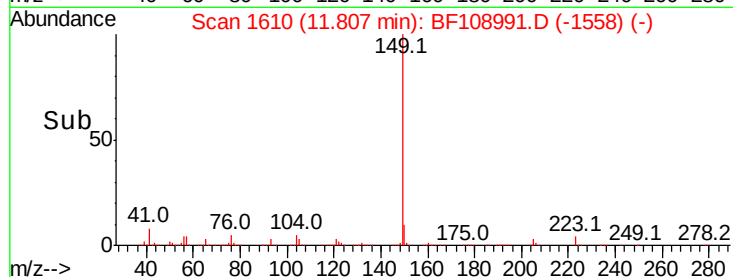
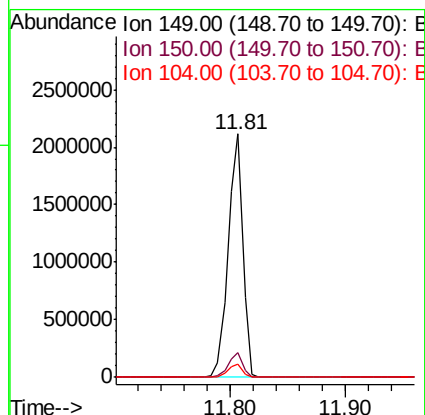
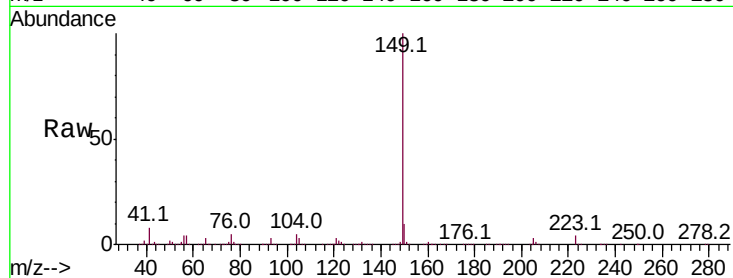
150 10.0 7.8 11.6

104 5.2 3.8 5.8

Manual Integrations
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Sohil

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#74

Fluoranthene

Concen: 37.943 ng

RT: 12.44 min Scan# 1718

Delta R.T. 0.01 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

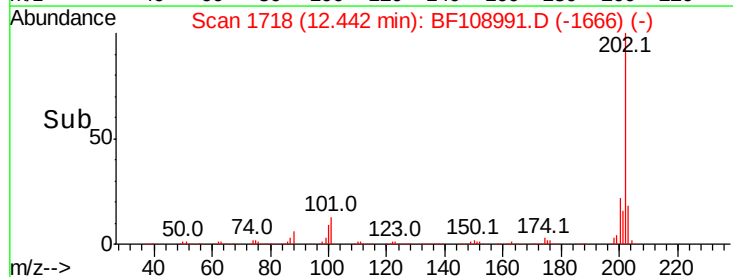
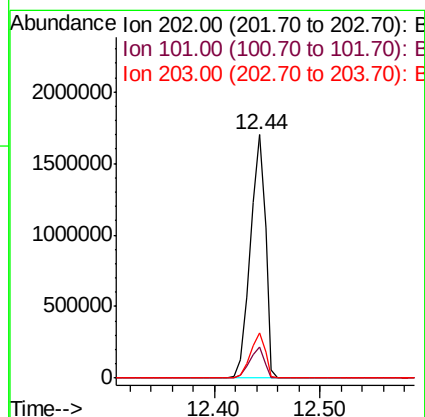
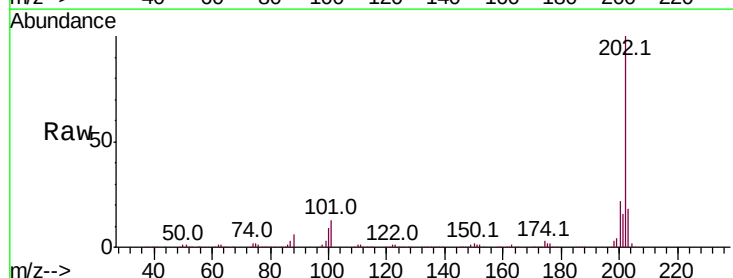
Tgt Ion:202 Resp: 1687607

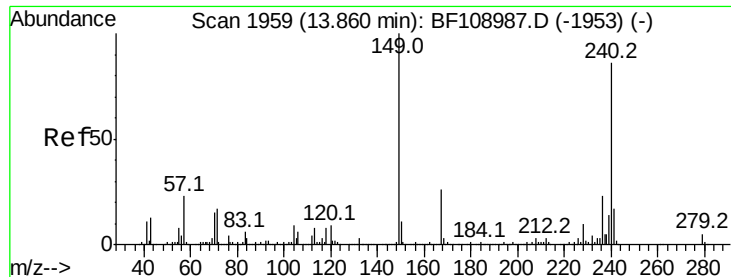
Ion Ratio Lower Upper

202 100

101 12.7 0.0 34.1

203 18.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1960

Delta R.T. 0.01 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

Instrument :

BNA_F

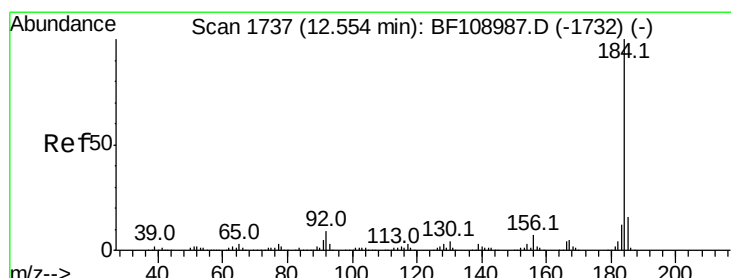
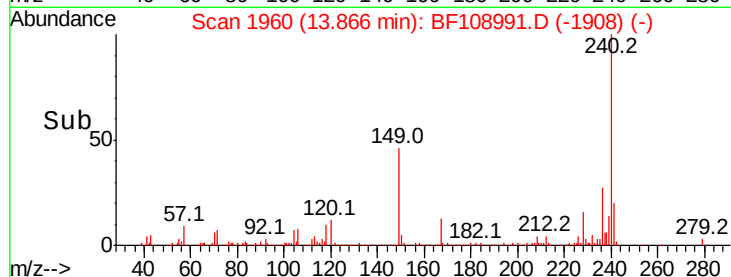
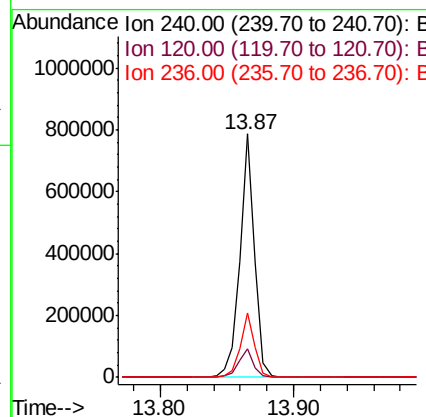
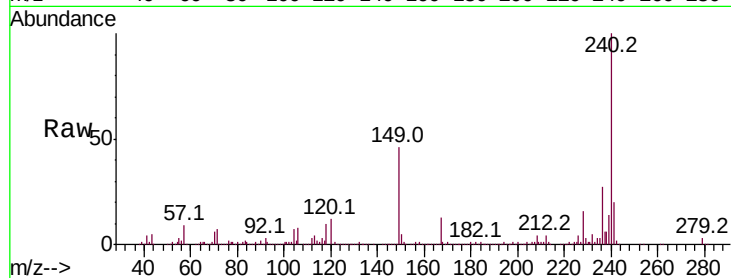
ClientSampleId :

ICVBF091418

Tot Ion:	240	Resp:	604530
Ion Ratio	Lower	Upper	
240	100		
120	11.7	9.5	14.3
236	26.5	20.7	31.1

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#76

Benzidine

Concen: 43.549 ng

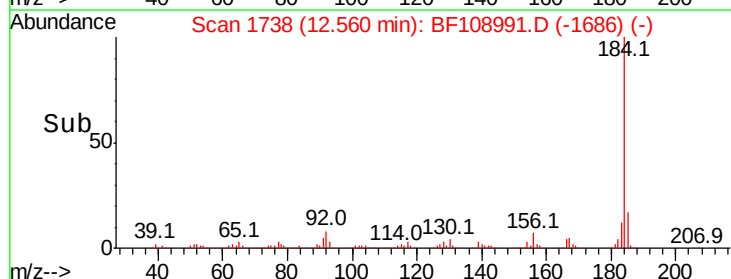
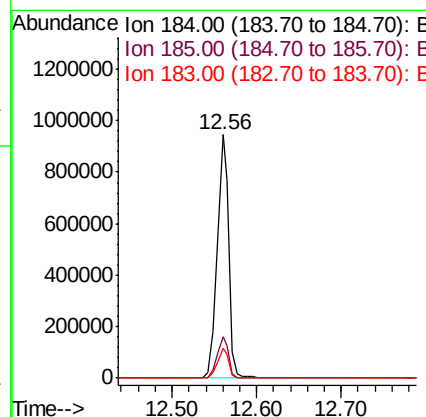
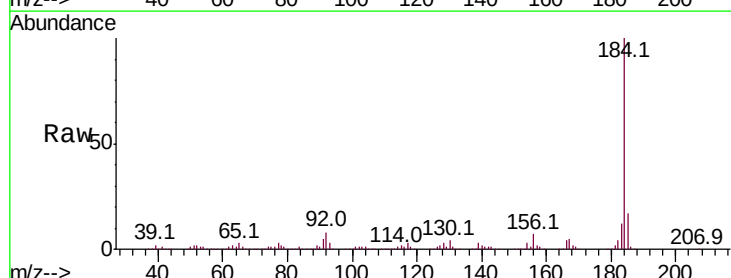
RT: 12.56 min Scan# 1738

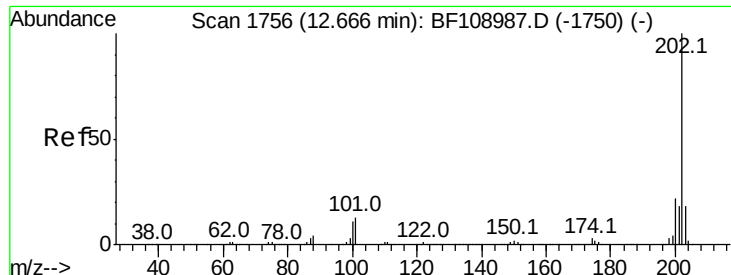
Delta R.T. 0.01 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

Tgt Ion:	184	Resp:	931920
Ion Ratio	Lower	Upper	
184	100		
185	17.1	12.6	18.8
183	12.2	9.3	13.9





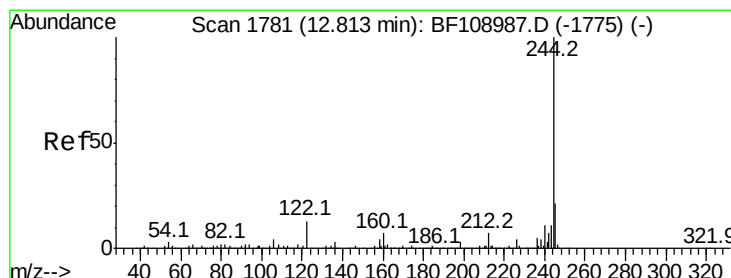
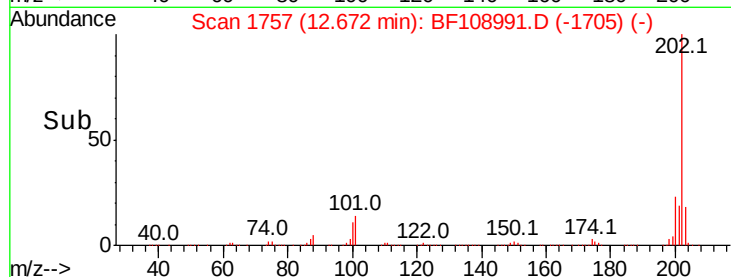
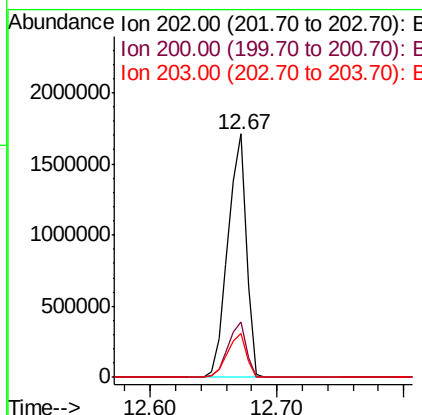
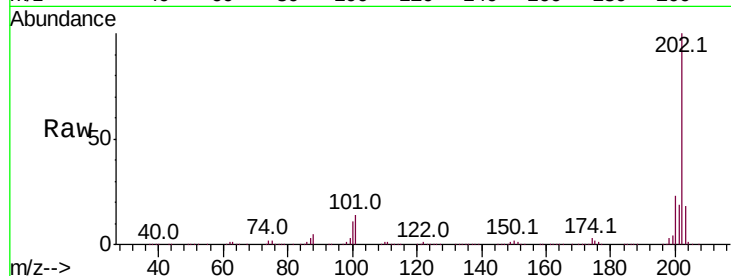
#77
Pvrene
Concen: 38.312 ng
RT: 12.67 min Scan# 1757
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Instrument :
BNA_F
ClientSampleId :
ICVBF091418

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.4	26.2
203	18.0	14.3	21.5

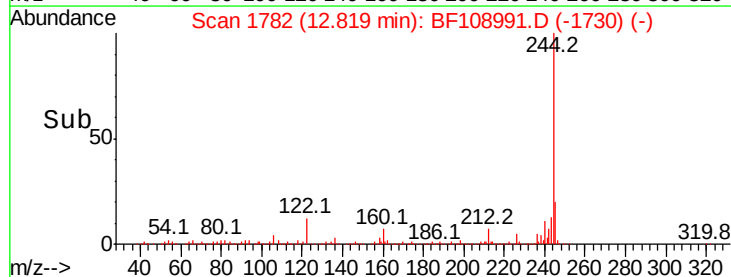
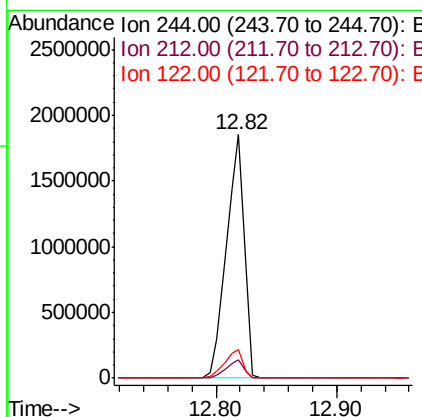
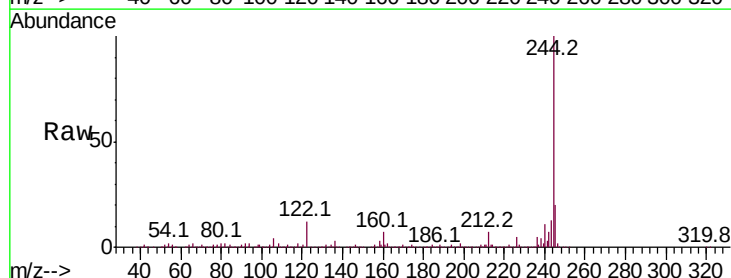
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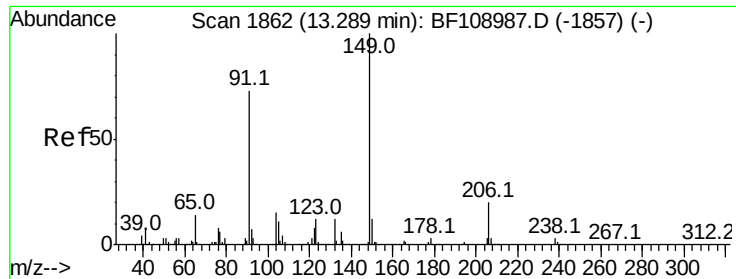
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#78
Terphenyl-d14
Concen: 74.288 ng
RT: 12.82 min Scan# 1782
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	11.7	11.0	16.4





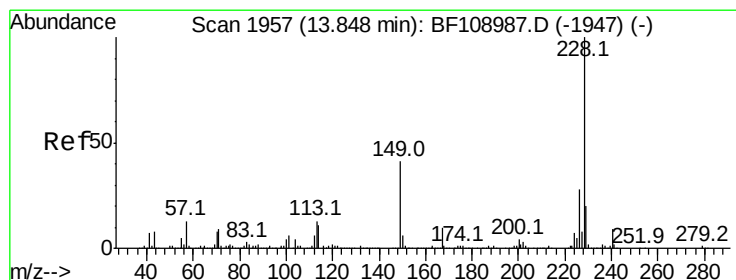
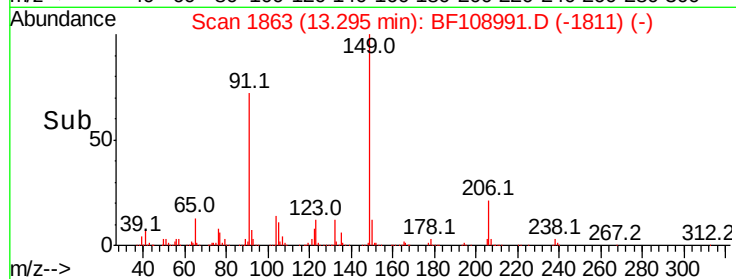
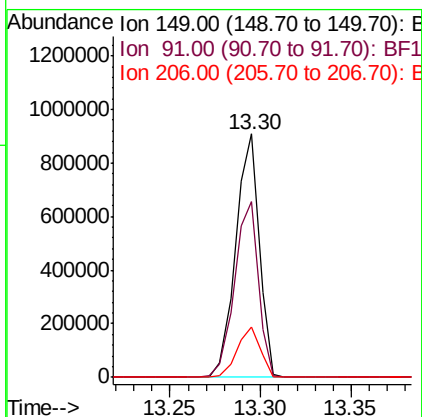
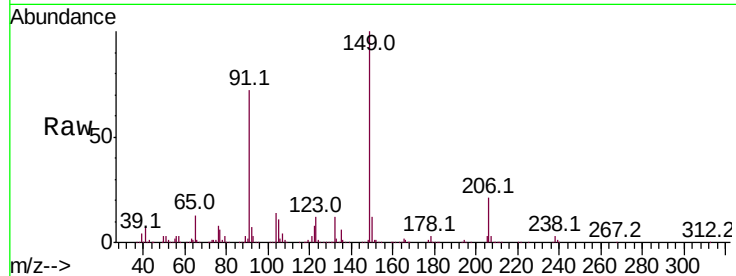
#79
Butylbenzylphthalate
Concen: 40.914 ng
RT: 13.30 min Scan# 1863
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Instrument :
BNA_F
ClientSampleId :
ICVBF091418

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.9	56.8	85.2
206	20.5	14.1	21.1

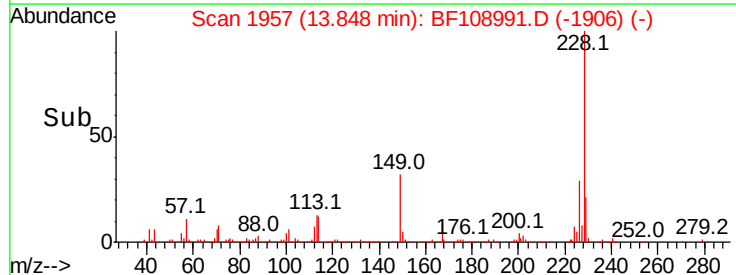
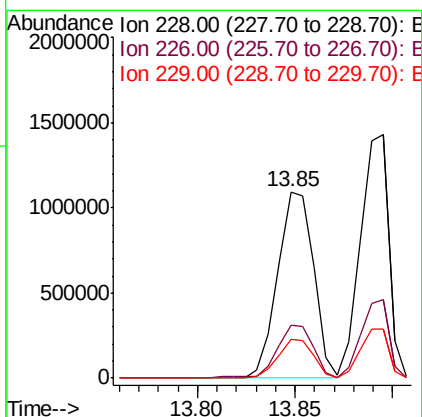
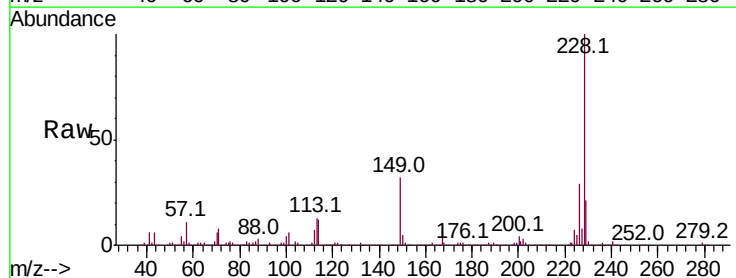
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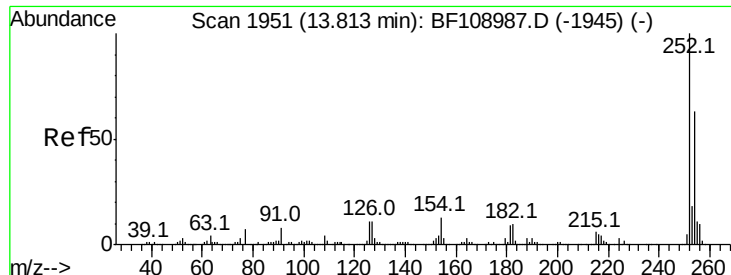
Sohil
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#80
Benzo(a)anthracene
Concen: 38.214 ng
RT: 13.85 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	20.6	15.8	23.6





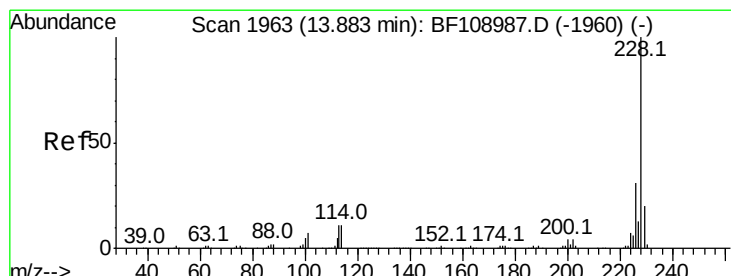
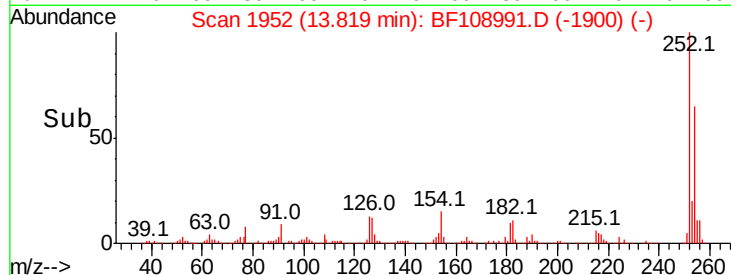
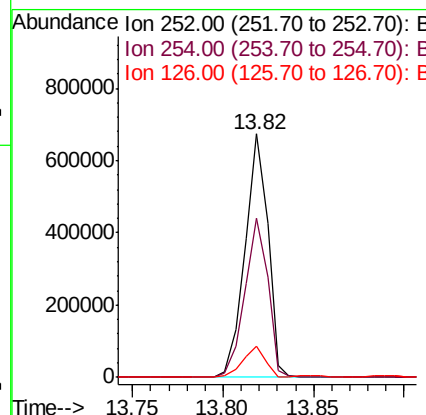
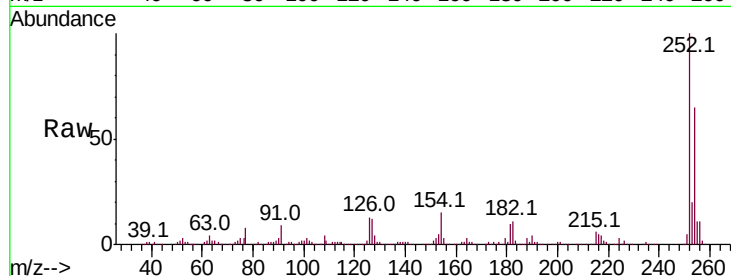
#81
 3,3'-Dichlorobenzidine
 Concen: 40.091 ng
 RT: 13.82 min Scan# 1952
 Delta R.T. 0.01 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091418

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.2	50.4	75.6
126	12.6	11.3	16.9

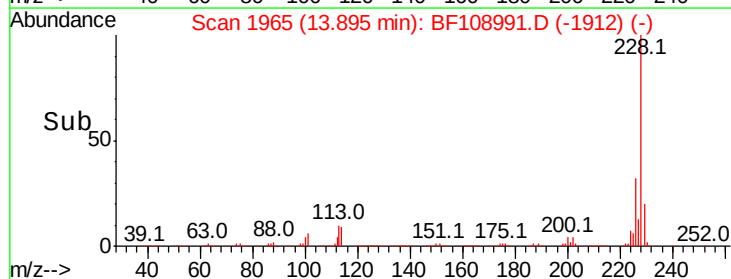
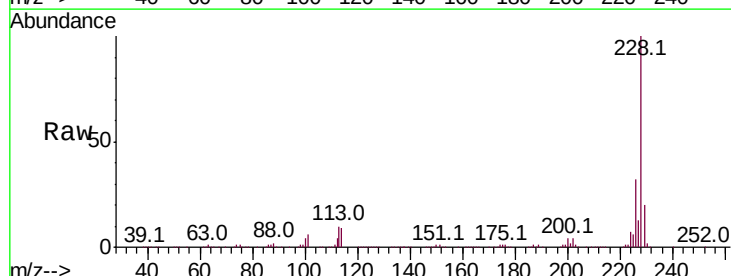
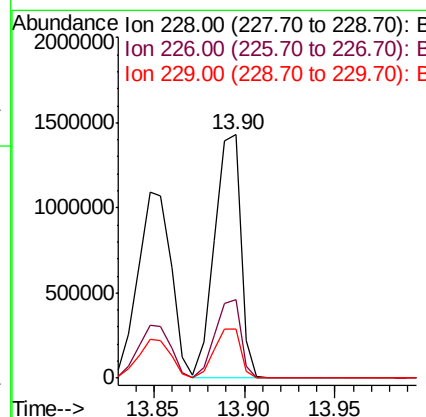
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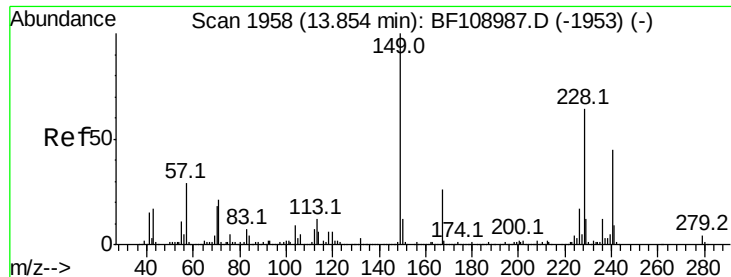
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#82
 Chrysene
 Concen: 39.336 ng
 RT: 13.90 min Scan# 1965
 Delta R.T. 0.01 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.2	25.0	37.6
229	20.3	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.632 ng

RT: 13.86 min Scan# 1959

Delta R.T. 0.01 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

Instrument :

BNA_F

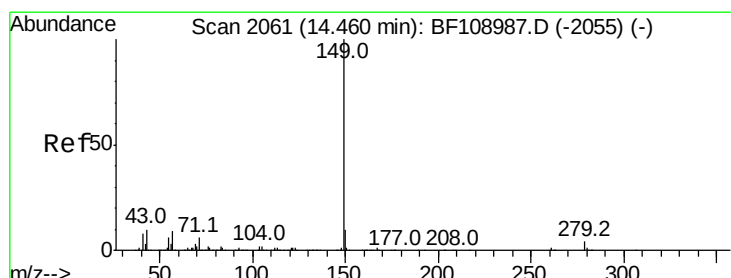
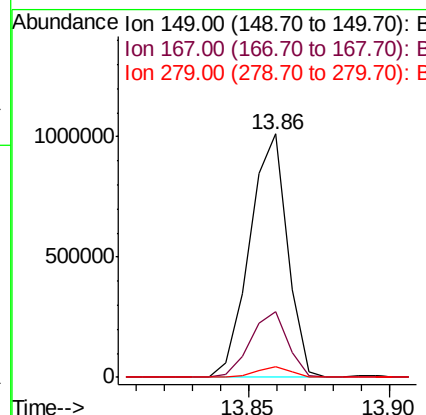
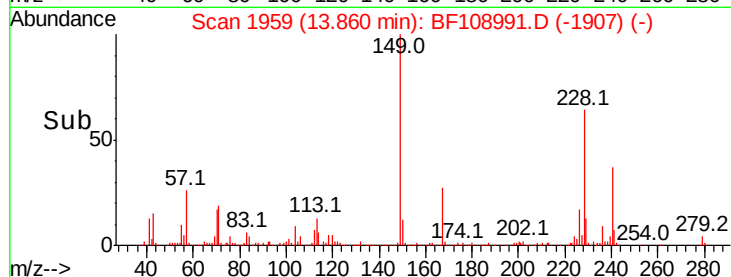
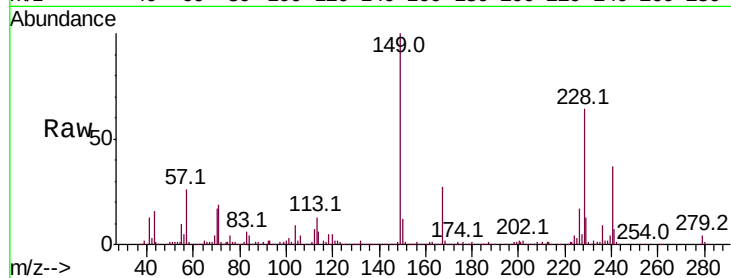
ClientSampleId :

ICVBF091418

Tot Ion:	149	Resp:	938144
Ion Ratio	Lower	Upper	
149	100		
167	26.8	21.3	31.9
279	4.4	3.0	4.4

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 43.603 ng

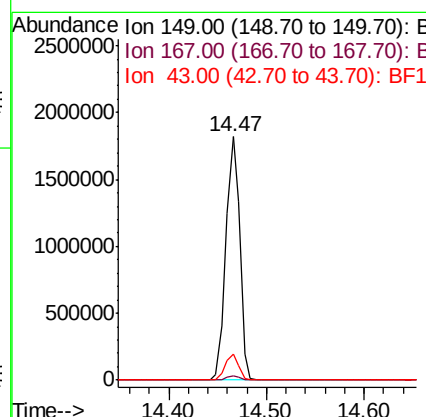
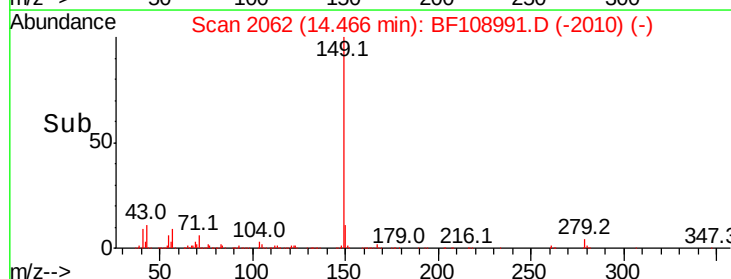
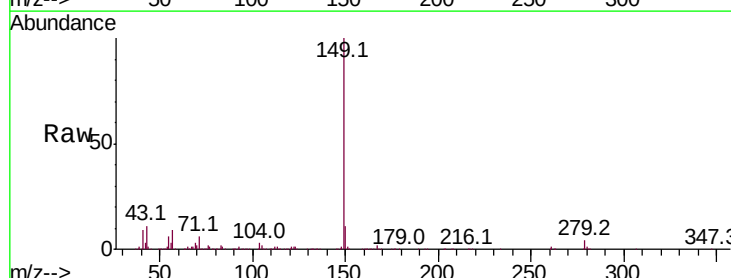
RT: 14.47 min Scan# 2062

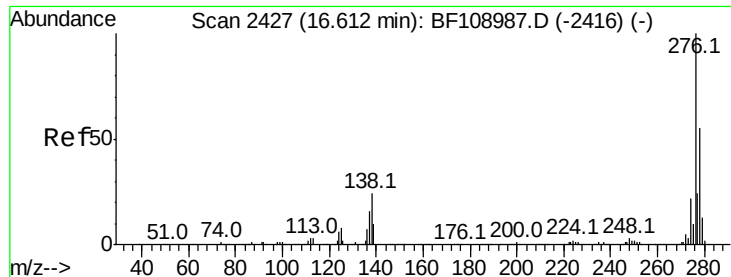
Delta R.T. 0.01 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

Tgt Ion:	149	Resp:	1795793
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	10.4	8.4	12.6





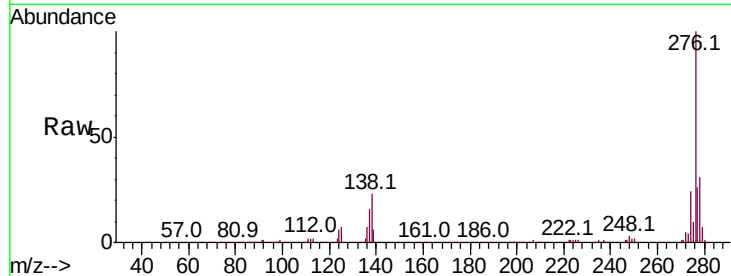
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.169 ng
RT: 16.62 min Scan# 2428
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Instrument :
BNA_F
ClientSampleId :
ICVBF091418

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.1	25.0	37.6
277	25.3	20.1	30.1

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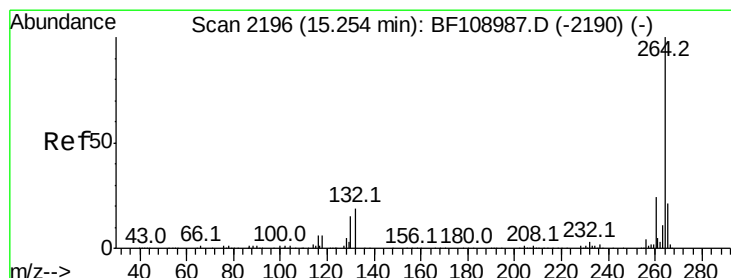
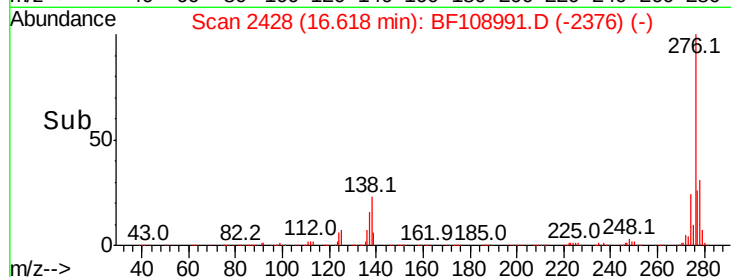
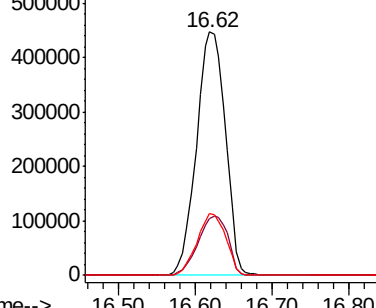


Abundance

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: 15.27 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

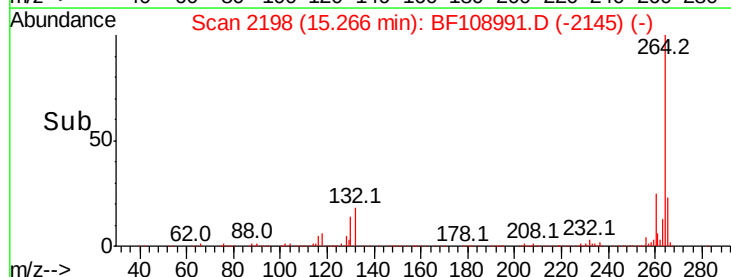
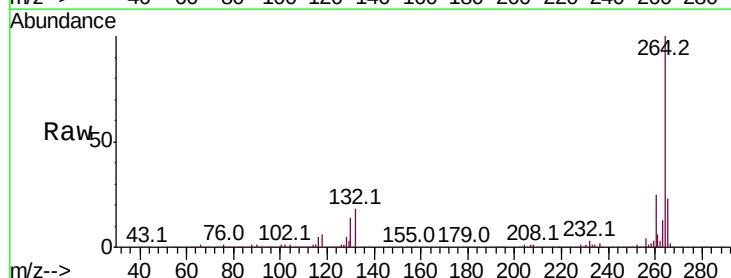
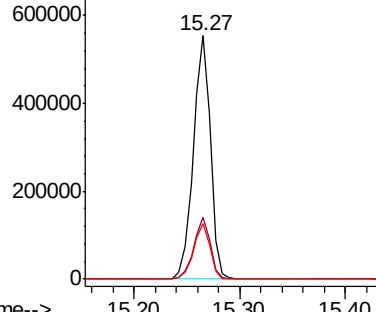
Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	22.8	17.5	26.3

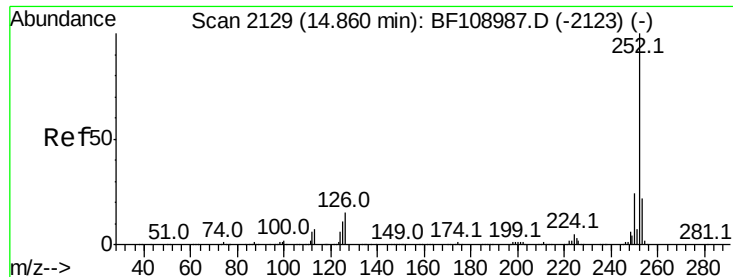
Abundance

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





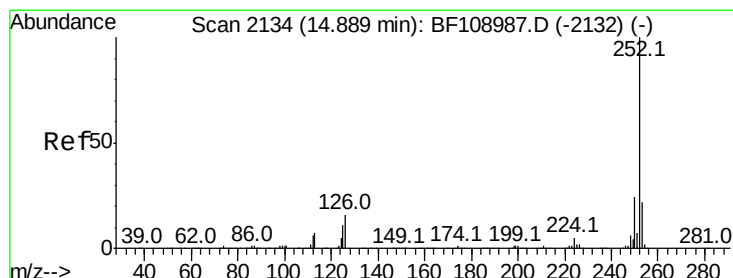
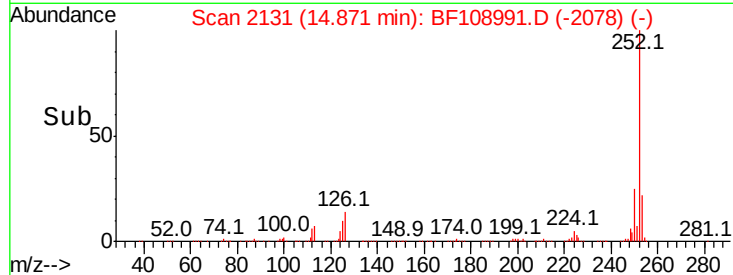
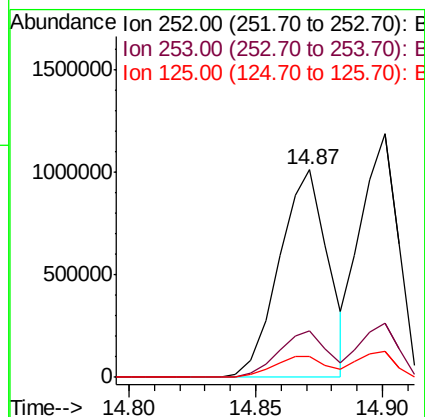
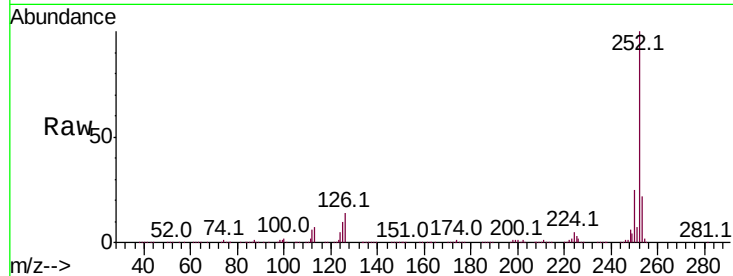
#87
Benzo(b)fluoranthene
Concen: 39.131 ng
RT: 14.87 min Scan# 2131
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Instrument :
BNA_F
ClientSampleId :
ICVBF091418

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	10.3	9.0	13.6

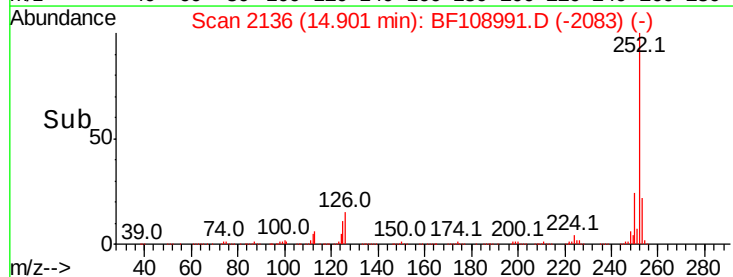
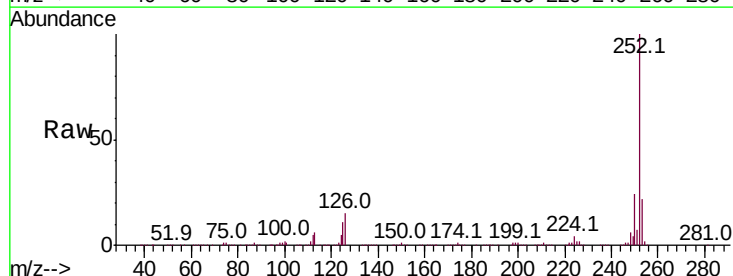
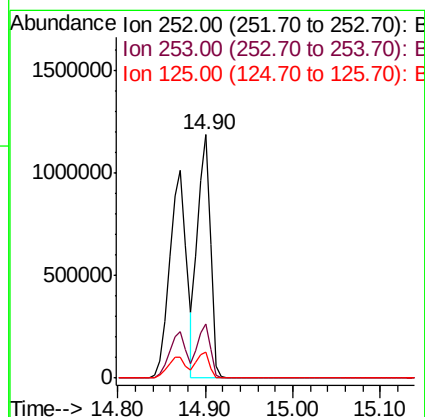
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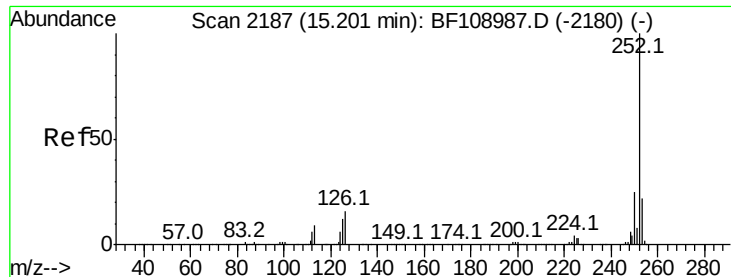
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#88
Benzo(k)fluoranthene
Concen: 38.179 ng
RT: 14.90 min Scan# 2136
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	10.6	10.2	15.2





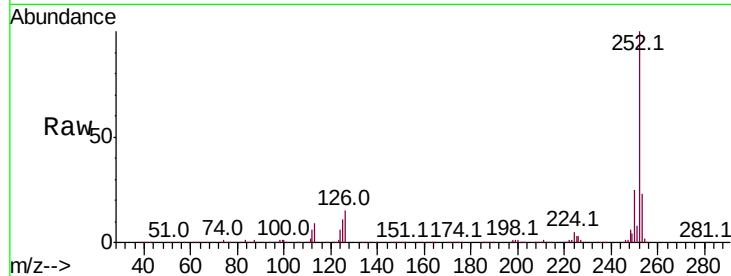
#89
Benzo(a)pyrene
Concen: 38.872 ng
RT: 15.21 min Scan# 2189
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Instrument :
BNA_F
ClientSampleId :
ICVBF091418

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	11.2	9.8	14.6

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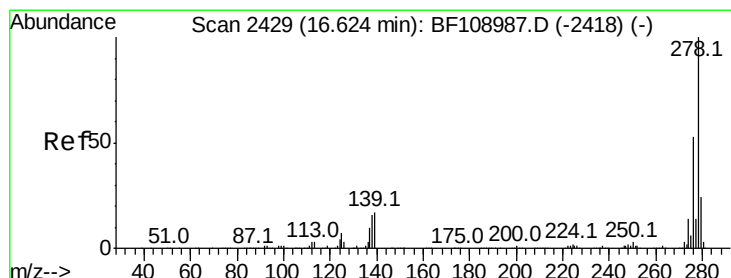
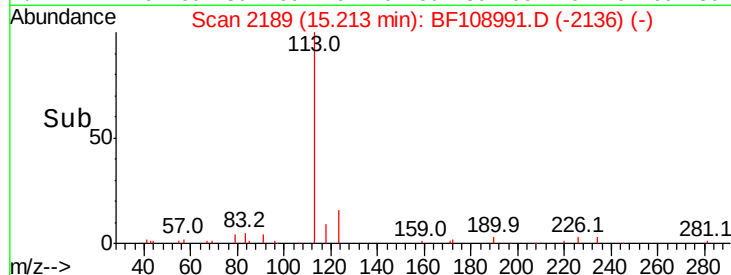
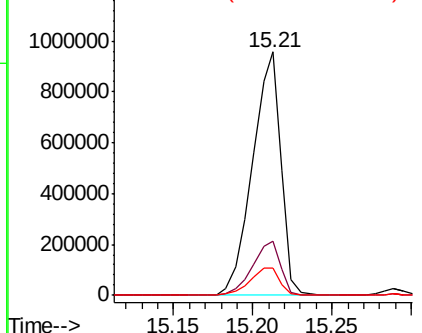


Abundance

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



#90
Dibenzo(a,h)anthracene
Concen: 37.560 ng
RT: 16.64 min Scan# 2432
Delta R.T. 0.02 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

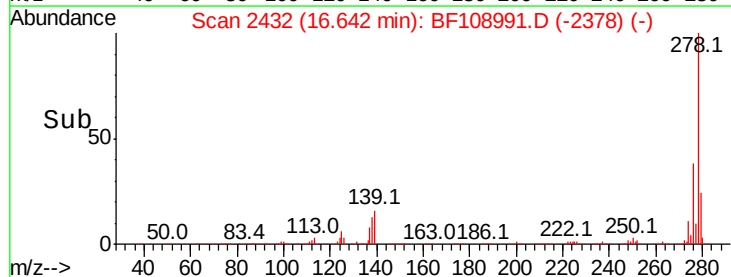
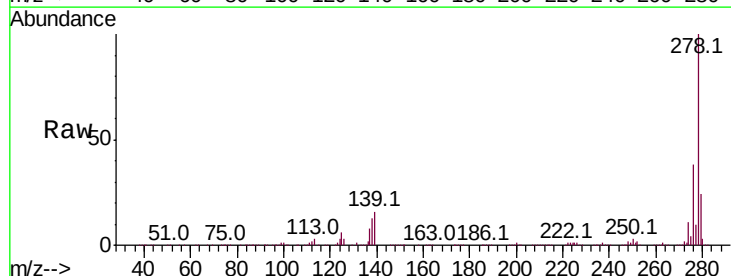
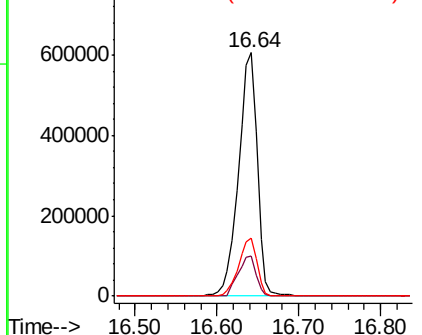
Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.2	15.9	23.9
279	23.9	19.0	28.4

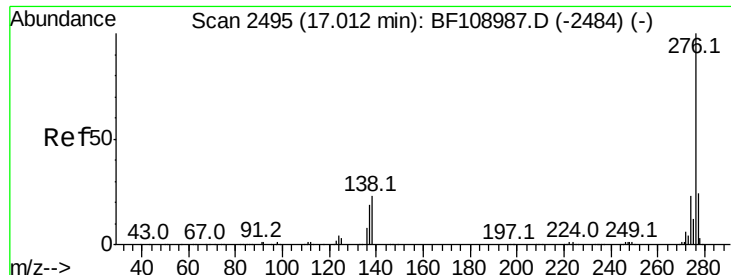
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 36.976 ng
 RT: 17.03 min Scan# 2498
 Delta R.T. 0.02 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091418

Tot Ion:	276	Resp:	952366
Ion Ratio	Lower	Upper	
276	100		
277	24.2	17.9	26.9
138	22.1	21.8	32.8

Manual Integrations
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