

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
 Data File : BF110975.D
 Acq On : 26 Nov 2018 20:33
 Operator : JU/SJ
 Sample : J6028-08MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MSD

Manual Integrations
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mohammad
 11/27/2018 11:47:54 AM

Quant Time: Nov 27 03:45:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 26 15:26:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	68660	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	247898	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	96375	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	161951	20.00	ng	0.00
76) Chrysene-d12	14.14	240	105471	20.00	ng	0.00
87) Perylene-d12	15.67	264	81438	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	576016	139.12	ng	0.02
7) Phenol-d6	6.58	99	701749	130.06	ng	0.01
23) Nitrobenzene-d5	7.51	82	433698	100.13	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	123412	128.94	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	684804	102.94	ng	0.00
79) Terphenyl-d14	13.06	244	524873	96.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.81	88	64362	32.447	ng	89
3) Pyridine	3.61	79	185771	42.769	ng	# 84
4) n-Nitrosodimethylamine	3.57	42	103094	51.870	ng	86
6) Aniline	6.61	93	100851	15.120	ng	# 61
8) 2-Chlorophenol	6.73	128	208684	42.529	ng	97
9) Benzaldehyde	6.50	77	80149	25.014	ng	96
10) Phenol	6.59	94	284790	46.868	ng	# 67
11) bis(2-Chloroethyl)ether	6.67	93	193821	42.339	ng	92
12) 1,3-Dichlorobenzene	6.88	146	222643	41.303	ng	99
13) 1,4-Dichlorobenzene	6.96	146	228099	41.148	ng	97
14) 1,2-Dichlorobenzene	7.11	146	206259	39.534	ng	98
15) Benzyl Alcohol	7.09	79	173308	41.796	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	296297	40.670	ng	94
17) 2-Methylphenol	7.19	107	163550	41.921	ng	# 89
18) Hexachloroethane	7.44	117	68083	33.389	ng	94
19) n-Nitroso-di-n-propylamine	7.35	70	143542	40.841	ng	96
20) 3+4-Methylphenols	7.35	107	209385	40.374	ng	# 49
22) Acetophenone	7.35	105	284625	48.983	ng	# 91
24) Nitrobenzene	7.53	77	209921	46.603	ng	95
25) Isophorone	7.76	82	372265	52.393	ng	98
26) 2-Nitrophenol	7.85	139	98620	45.064	ng	94
27) 2,4-Dimethylphenol	7.87	122	170276	51.522	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	235001	49.369	ng	99
29) 2,4-Dichlorophenol	8.09	162	158311	45.777	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	173553	44.780	ng	96
31) Naphthalene	8.25	128	563515	48.494	ng	100
32) Benzoic acid	7.97	122	6412m	2.610	ng	
33) 4-Chloroaniline	8.30	127	50479	10.206	ng	97
34) Hexachlorobutadiene	8.35	225	97477	44.158	ng	99
35) Caprolactam	8.67	113	44910	38.038	ng	# 82
36) 4-Chloro-3-methylphenol	8.79	107	159781	41.582	ng	98
37) 2-Methylnaphthalene	8.93	142	359691	46.863	ng	99
38) 1-Methylnaphthalene	9.03	142	330912	44.324	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	148140	48.863	ng	98

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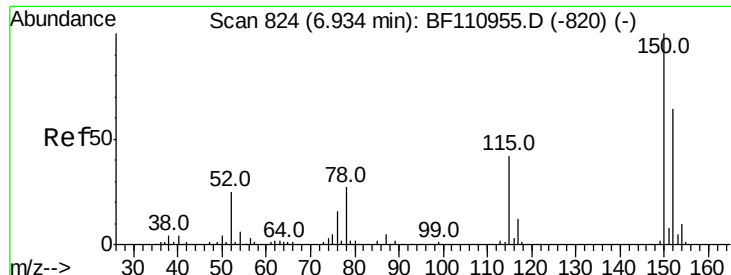
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	509	12.118	nq	74
43) 2,4,6-Trichlorophenol	9.22	196	94778	52.344	nq	96
44) 2,4,5-Trichlorophenol	9.27	196	94662	49.651	nq	91
46) 1,1'-Biphenyl	9.40	154	414910	46.697	nq	99
47) 2-Chloronaphthalene	9.43	162	303737	47.147	nq	97
48) 2-Nitroaniline	9.53	65	102894	51.063	nq	97
49) Acenaphthylene	9.85	152	451074	49.240	nq	98
50) Dimethylphthalate	9.70	163	441528	62.467	nq	99
51) 2,6-Dinitrotoluene	9.77	165	69762	44.335	nq	94
52) Acenaphthene	10.02	154	271599	46.248	nq	98
53) 3-Nitroaniline	9.95	138	62046	33.832	nq	93
54) 2,4-Dinitrophenol	10.09	184	1453	6.210	nq	95
55) Dibenzofuran	10.19	168	382875	44.689	nq	97
56) 4-Nitrophenol	10.12	139	88384	86.338	nq	98
57) 2,4-Dinitrotoluene	10.19	165	83312	40.809	nq	# 82
58) Fluorene	10.53	166	308575	46.292	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.32	232	71552	45.729	nq	# 92
60) Diethylphthalate	10.39	149	341162	46.806	nq	99
61) 4-Chlorophenyl-phenylether	10.52	204	146619	42.053	nq	96
62) 4-Nitroaniline	10.57	138	70184	41.102	nq	97
63) Azobenzene	10.68	77	293948	41.375	nq	97
65) 4,6-Dinitro-2-methylphenol	10.61	198	3372	4.402	nq	74
66) n-Nitrosodiphenylamine	10.64	169	262737	48.734	nq	98
67) 4-Bromophenyl-phenylether	11.01	248	81680	46.310	nq	# 91
68) Hexachlorobenzene	11.09	284	82994	44.177	nq	# 94
69) Atrazine	11.16	200	80134	Below Cal		98
70) Pentachlorophenol	11.29	266	71080	95.099	nq	96
71) Phenanthrene	11.50	178	471371	54.955	nq	99
72) Anthracene	11.56	178	447390	51.217	nq	99
73) Carbazole	11.72	167	380573	44.887	nq	100
74) Di-n-butylphthalate	12.02	149	481069	48.529	nq	100
75) Fluoranthene	12.70	202	546279	61.966	nq	98
77) Benzidine	12.82	184	165946	61.513	nq	96
78) Pyrene	12.93	202	531638	69.014	nq	98
80) Butylbenzylphthalate	13.53	149	191518	55.067	nq	96
81) Benzo(a)anthracene	14.13	228	348391	55.950	nq	99
82) 3,3'-Dichlorobenzidine	14.08	252	78479	36.756	nq	99
83) Chrysene	14.16	228	319235	52.079	nq	98
84) Bis(2-ethylhexyl)phthalate	14.07	149	252590	54.505	nq	96
85) Di-n-octyl phthalate	14.69	149	375451	51.324	nq	# 98
86) Indeno(1,2,3-cd)pyrene	17.27	276	250668	56.970	nq	100
88) Benzo(b)fluoranthene	15.22	252	261735	54.709	nq	97
89) Benzo(k)fluoranthene	15.24	252	248443	50.453	nq	99
90) Benzo(a)pyrene	15.61	252	246505	55.354	nq	98
91) Dibenzo(a,h)anthracene	17.27	278	192117	52.287	nq	98
92) Benzo(g,h,i)perylene	17.76	276	202709	57.218	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.01 min

Lab File: BF110975.D

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BNA_F

ClientSampleId :

COMP-3MSD

Tot Ion:152 Resp: 68660

Ion Ratio Lower Upper

152 100

150 158.2 122.7 184.1

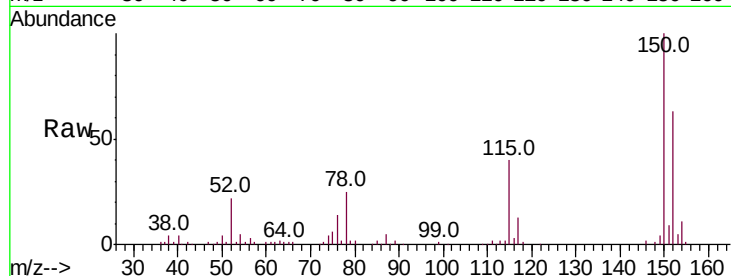
115 63.0 49.1 73.7

Manual Integrations

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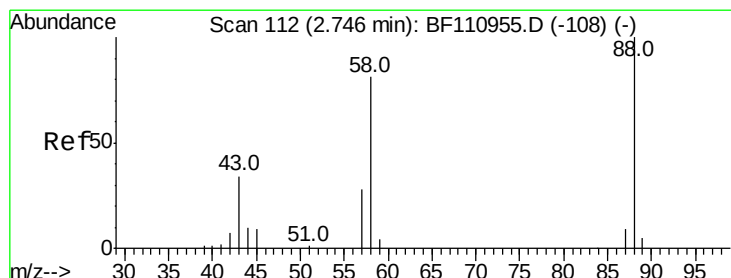
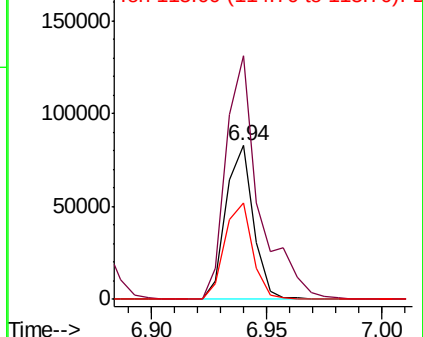
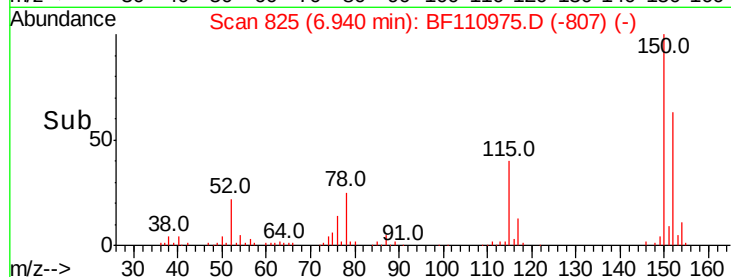
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.447 ng

RT: 2.81 min Scan# 123

Delta R.T. 0.06 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

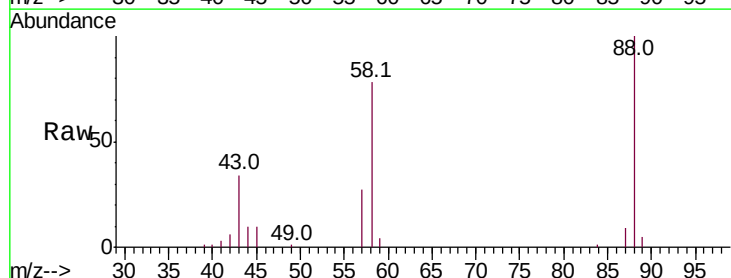
Tgt Ion: 88 Resp: 64362

Ion Ratio Lower Upper

88 100

58 81.8 57.1 85.7

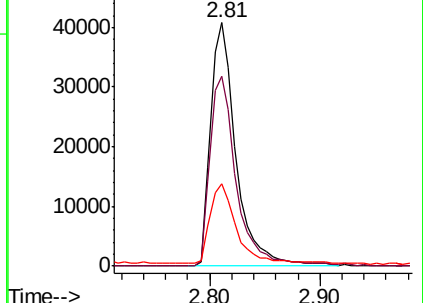
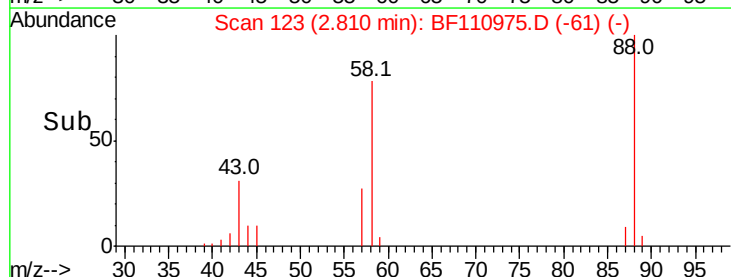
43 33.7 24.1 36.1

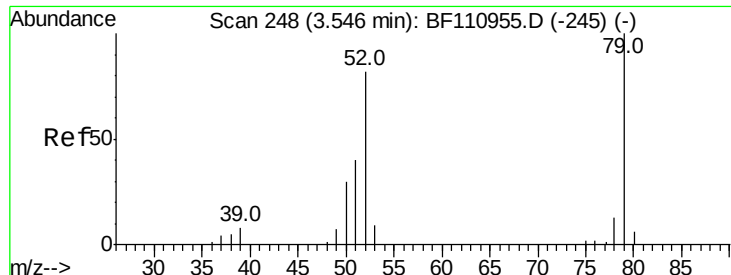


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





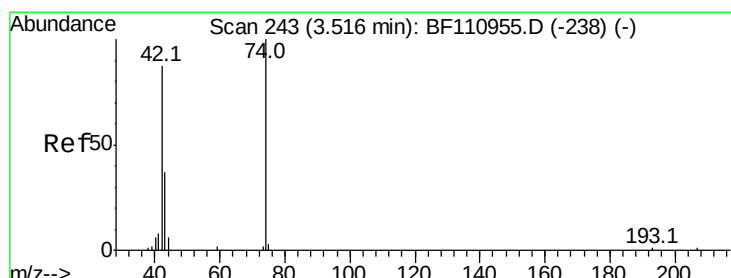
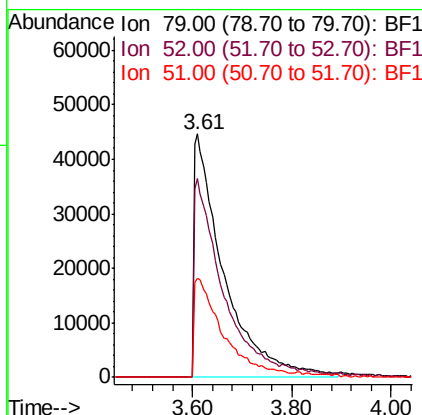
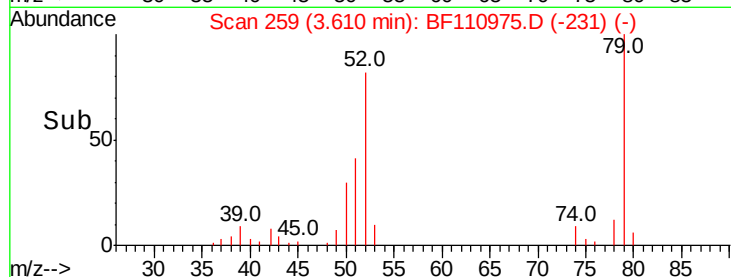
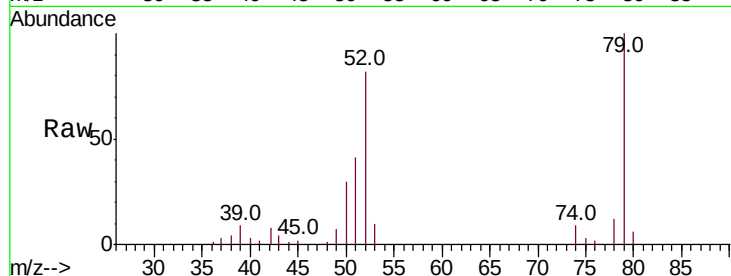
#3
 Pvridine
 Concen: 42.769 ng
 RT: 3.61 min Scan# 259
 Delta R.T. 0.06 min
 Lab File: BF110975.D
 Acq: 26 Nov 2018 20:33

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MSD

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	81.7	53.1	79.7#	
51	40.5	27.4	41.2	

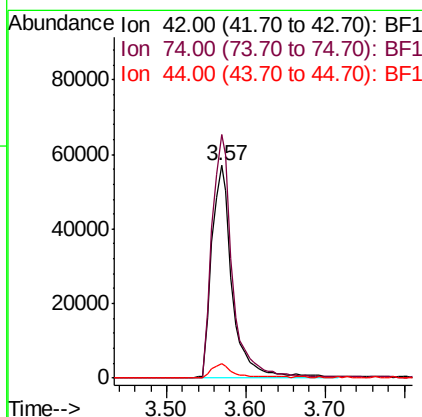
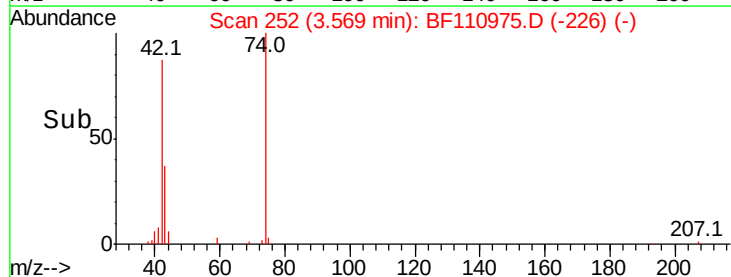
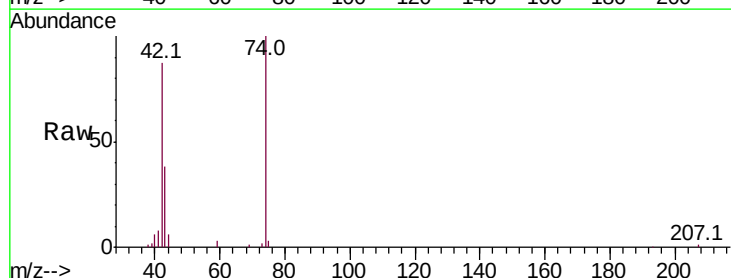
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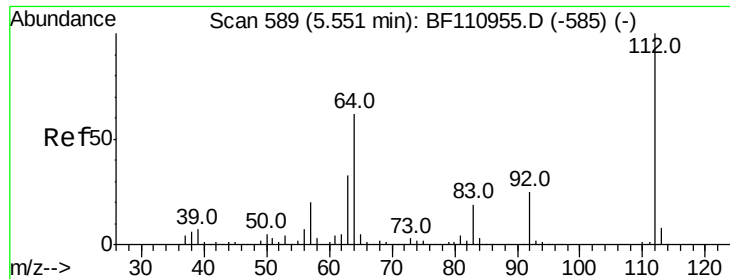
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#4
 n-Nitrosodimethylamine
 Concen: 51.870 ng
 RT: 3.57 min Scan# 252
 Delta R.T. 0.05 min
 Lab File: BF110975.D
 Acq: 26 Nov 2018 20:33

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	114.4	105.5	158.3	
44	6.7	4.9	7.3	





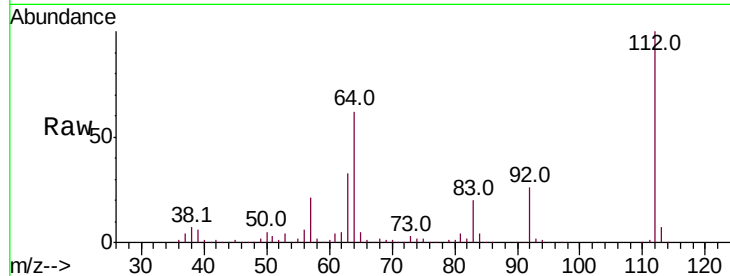
#5
2-Fluorophenol
Concen: 139.123 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.02 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

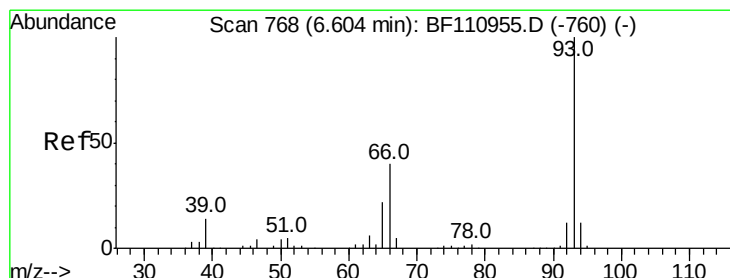
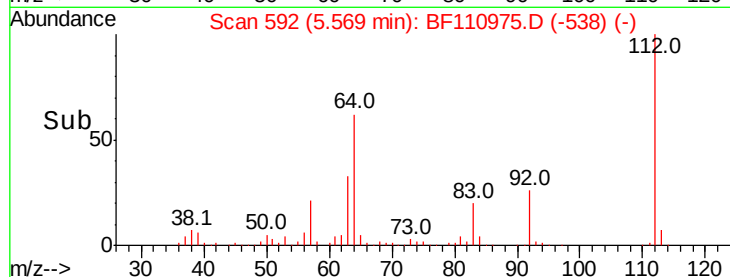
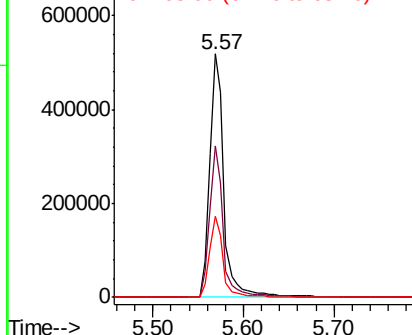
Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	62.0	44.1	66.1
63	33.1	23.7	35.5

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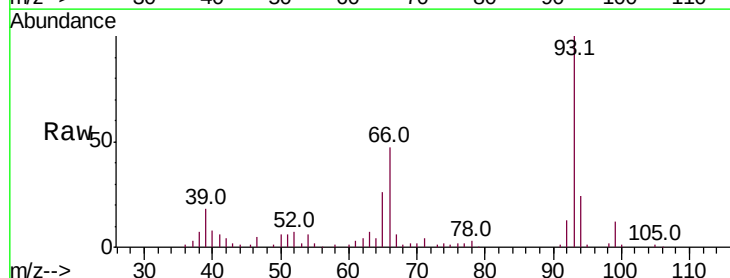


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

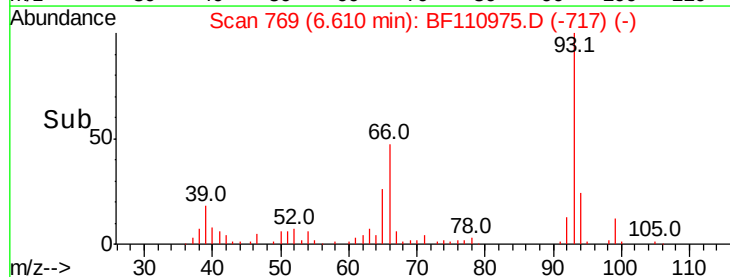
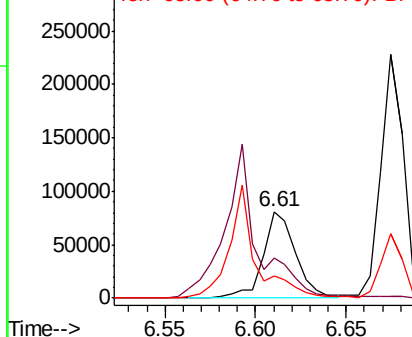


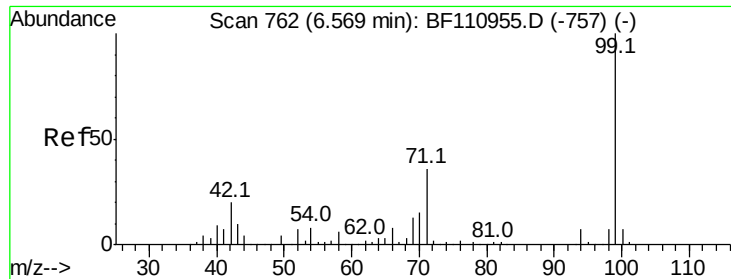
#6
Aniline
Concen: 15.120 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	46.9	67.4	101.0#
65	26.1	41.0	61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 130.060 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Instrument :

BNA_F

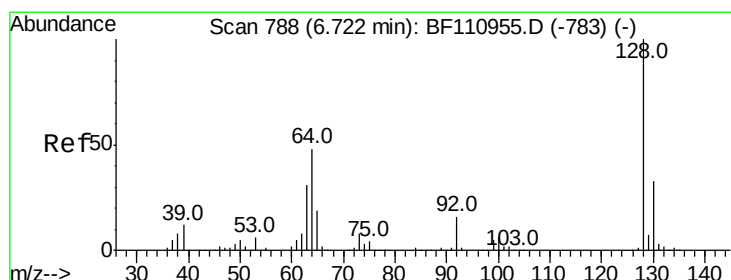
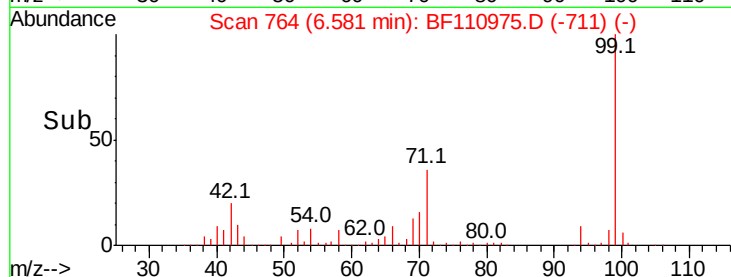
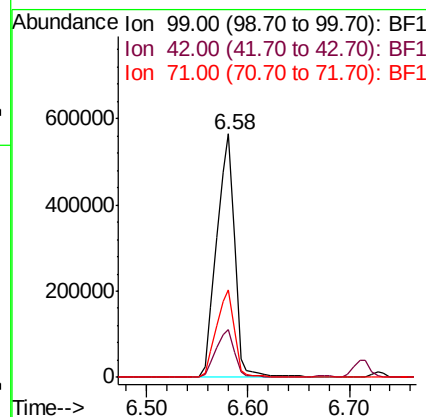
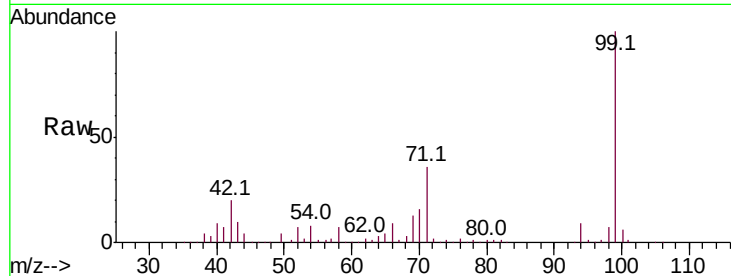
ClientSampleId :

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Tot Ion:	99	Resp:	701749
Ion Ratio	Lower	Upper	
99	100		
42	19.7	15.8	23.6
71	36.1	28.0	42.0

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#8

2-Chlorophenol

Concen: 42.529 ng

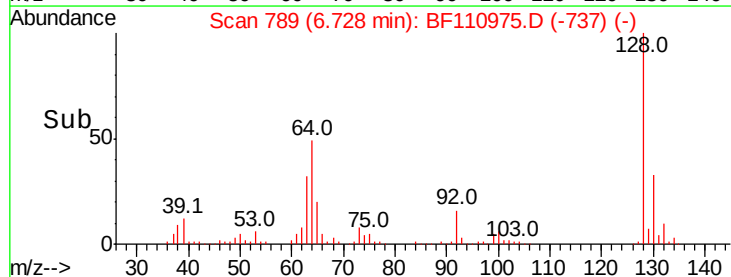
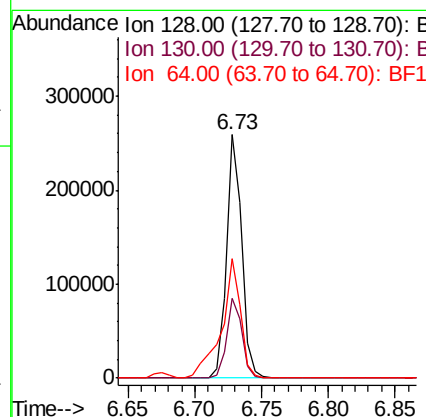
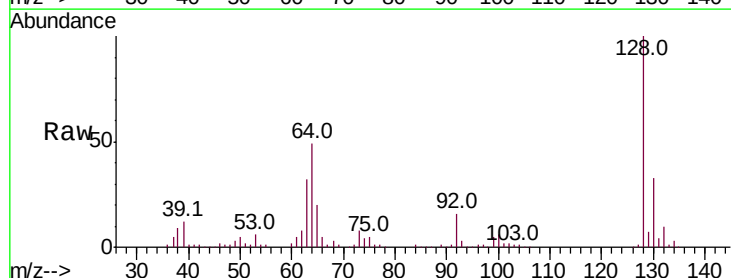
RT: 6.73 min Scan# 789

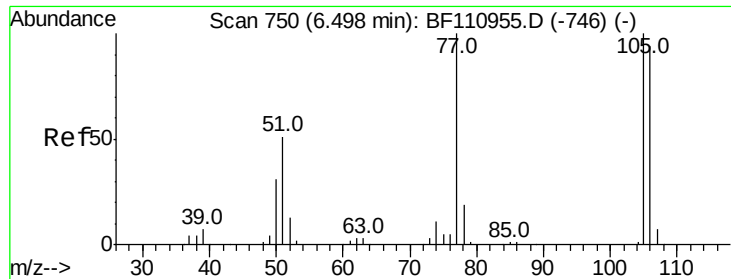
Delta R.T. 0.01 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Tgt Ion:	128	Resp:	208684
Ion Ratio	Lower	Upper	
128	100		
130	32.8	13.1	53.1
64	49.3	26.0	66.0





#9

Benzaldehyde

Concen: 25.014 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

Tot Ion: 77 Resp: 80149

Ion Ratio Lower Upper

77 100

105 103.8 78.6 118.6

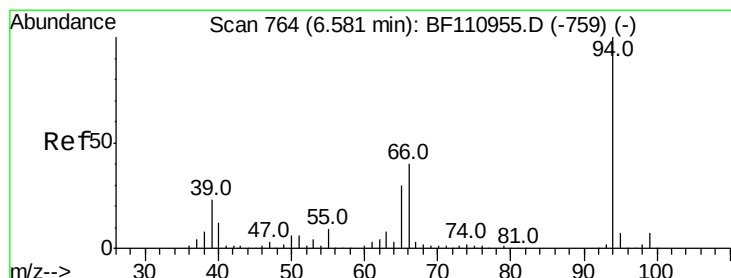
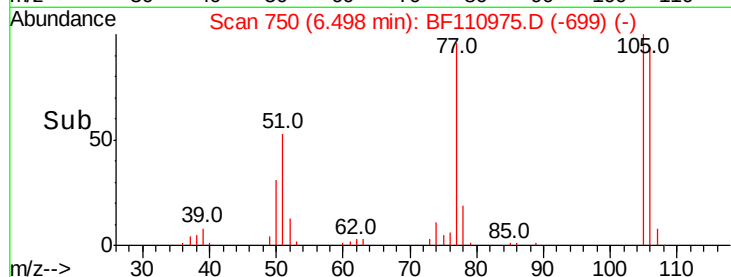
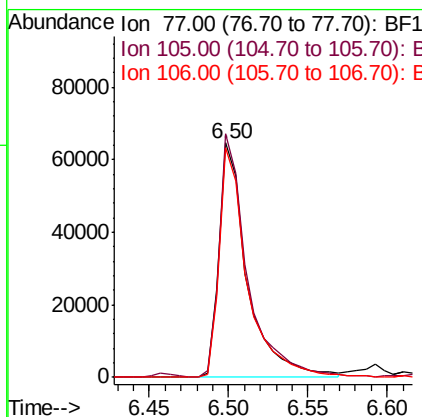
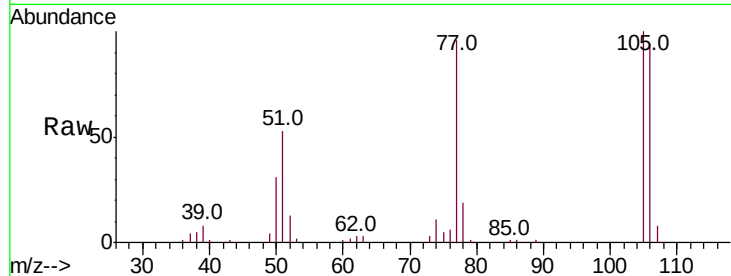
106 97.8 74.8 114.8

Manual Integrations

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#10

Phenol

Concen: 46.868 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

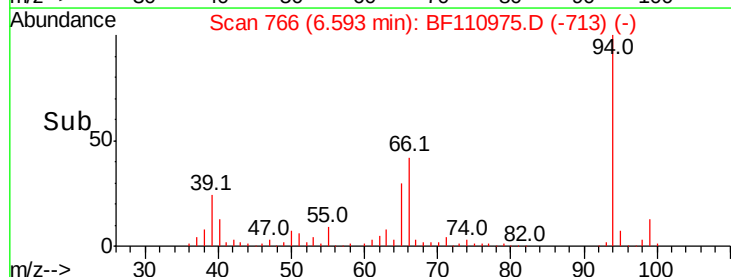
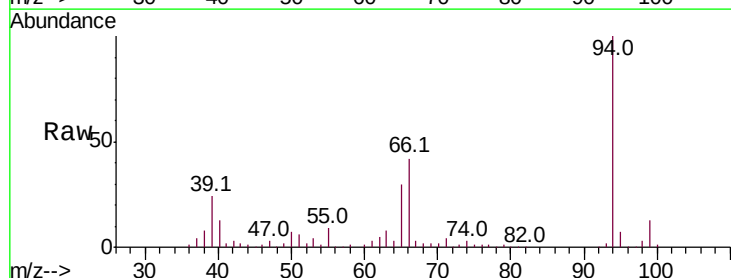
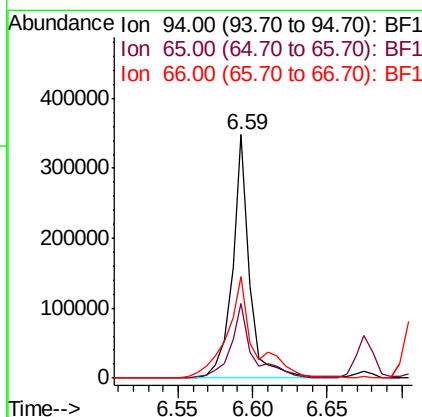
Tgt Ion: 94 Resp: 284790

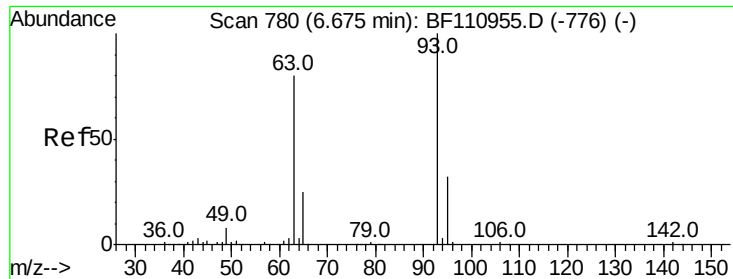
Ion Ratio Lower Upper

94 100

65 30.4 25.3 65.3

66 41.5 54.5 94.5#





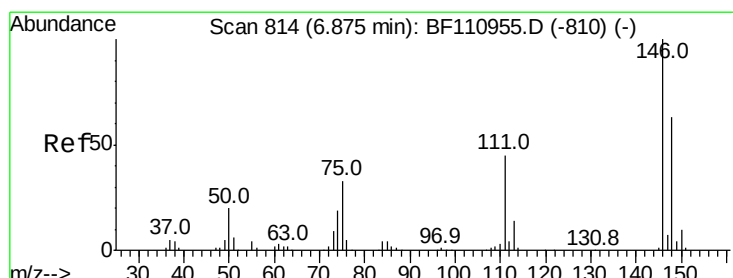
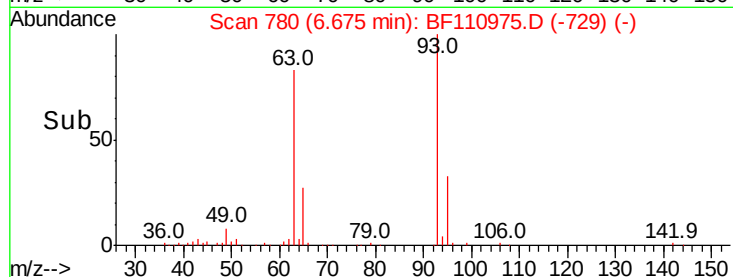
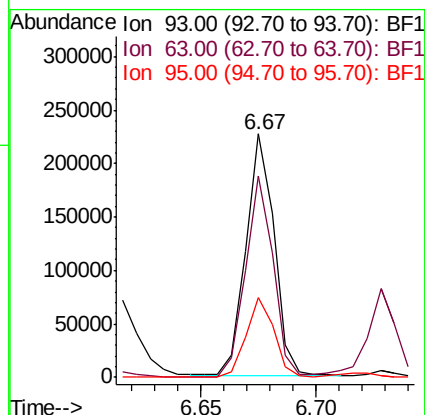
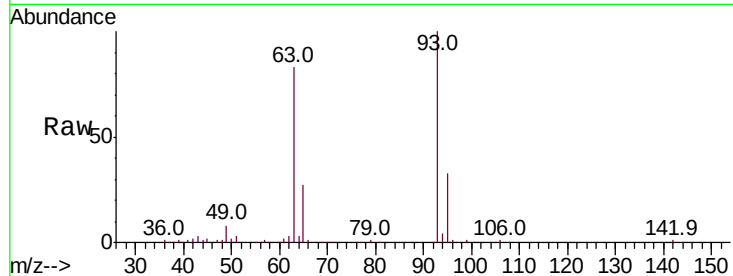
#11
bis(2-Chloroethyl)ether
Concen: 42.339 ng
RT: 6.67 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.6	53.4	93.4
95	32.7	12.1	52.1

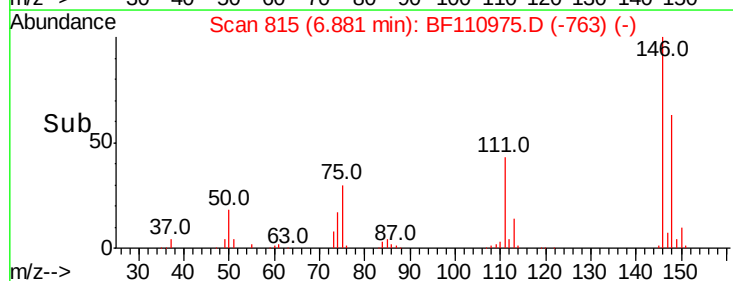
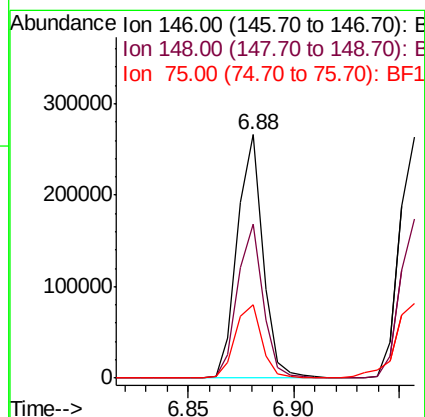
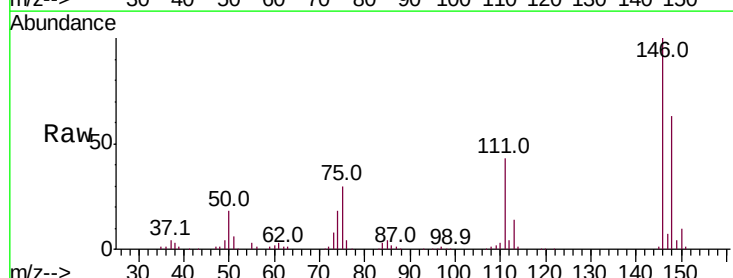
Manual Integrations
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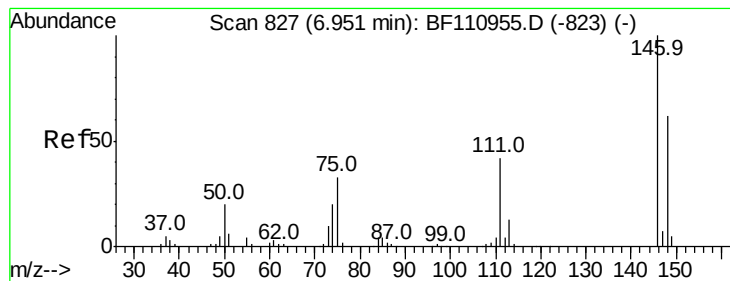
mohammad
11/27/2018 11:47:54 AM



#12
1,3-Dichlorobenzene
Concen: 41.303 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.01 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.4	75.6
75	29.9	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 41.148 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.01 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

Tot Ion:146 Resp: 228099

Ion Ratio Lower Upper

146 100

148 65.8 50.3 75.5

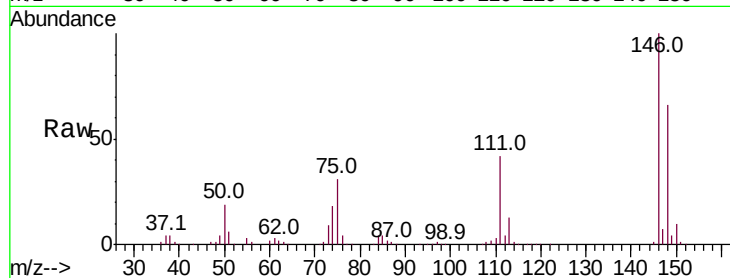
111 41.9 32.7 49.1

Manual Integrations

APPROVED

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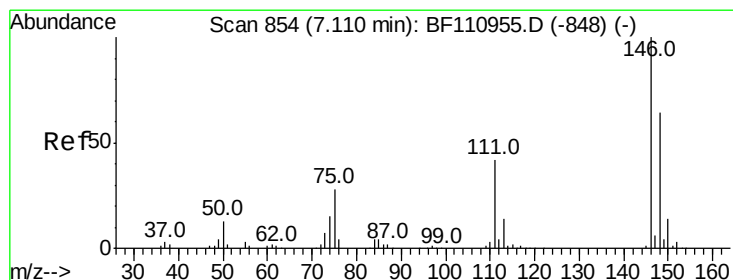
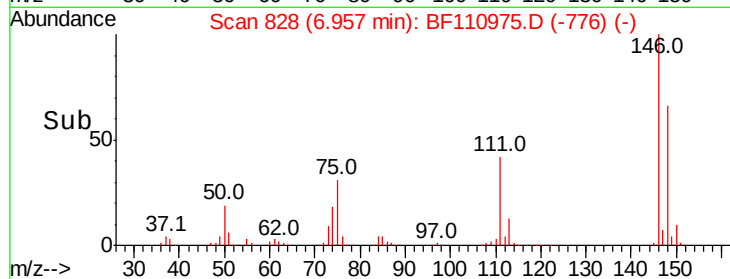
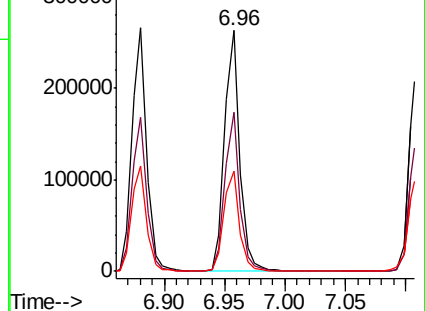
11/27/2018 11:47:54 AM



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: 39.534 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Tgt Ion:146 Resp: 206259

Ion Ratio Lower Upper

146 100

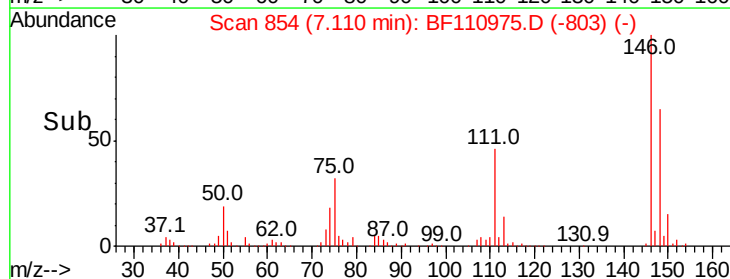
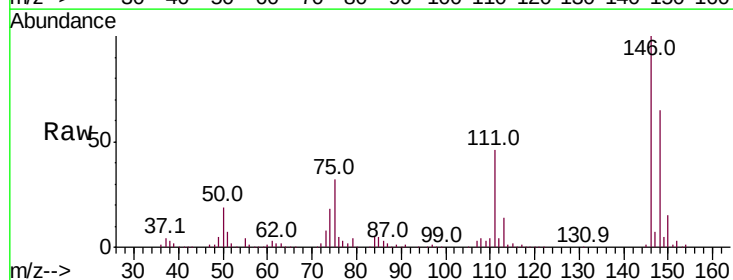
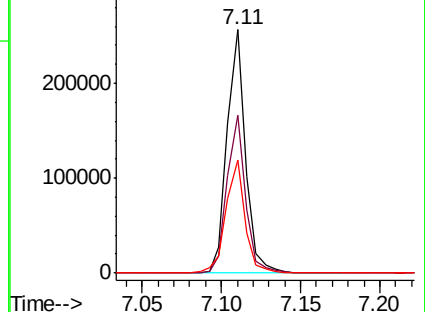
148 65.0 51.1 76.7

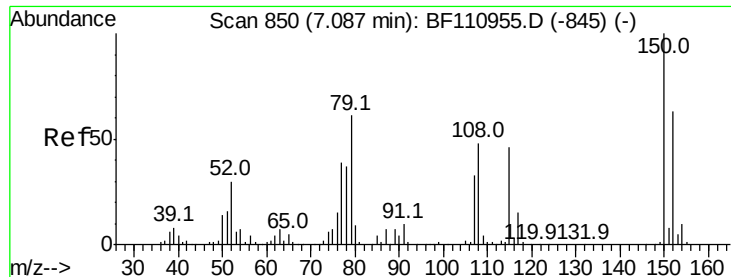
111 46.4 35.8 53.6

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





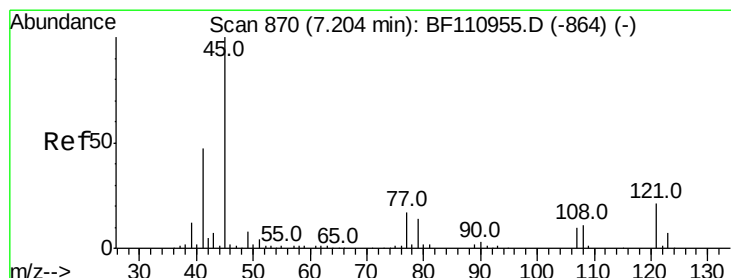
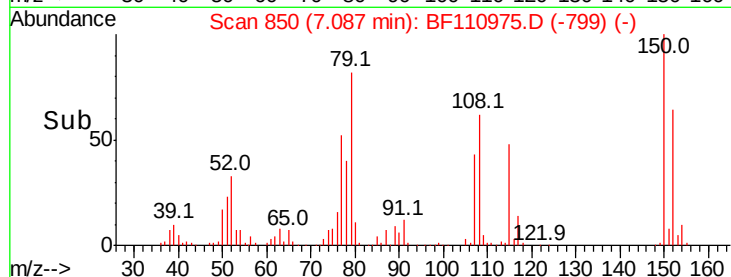
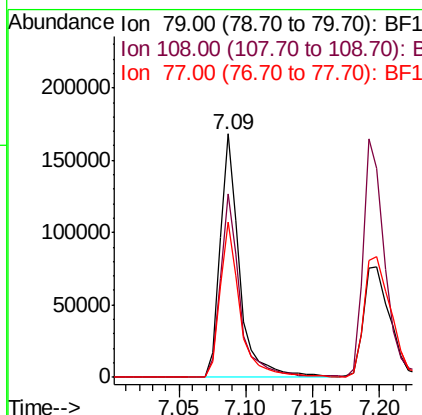
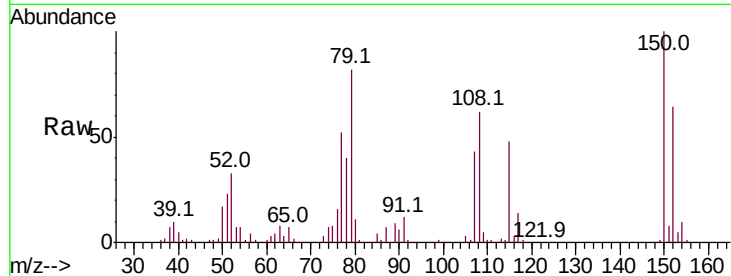
#15
Benzyl Alcohol
Concen: 41.796 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.1	56.3	84.5
77	63.9	52.9	79.3

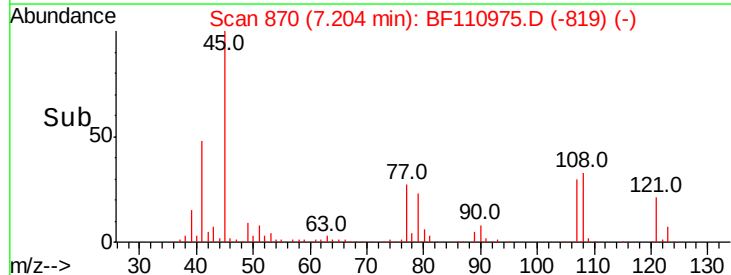
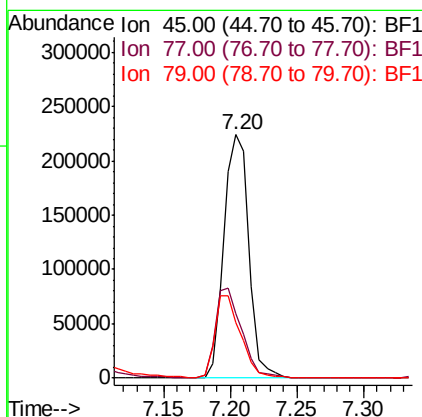
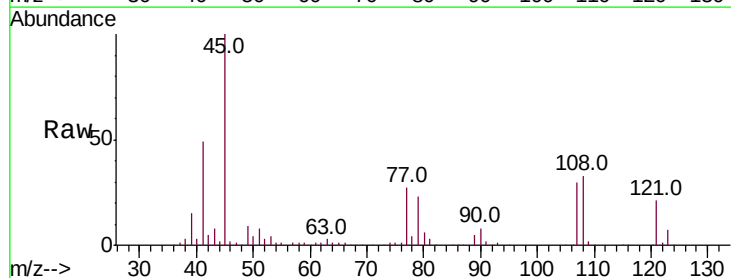
Manual Integrations
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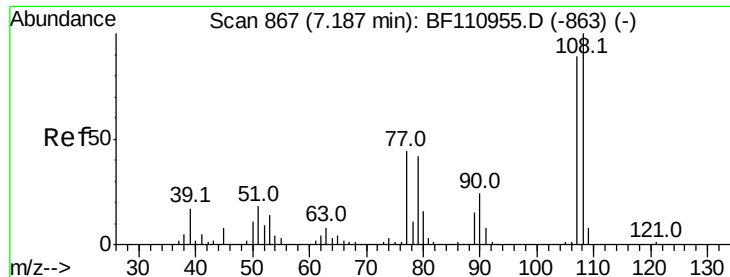
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.670 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Tgt Ion	Ratio	Lower	Upper
45	100		
77	26.5	10.0	50.0
79	22.8	6.1	46.1





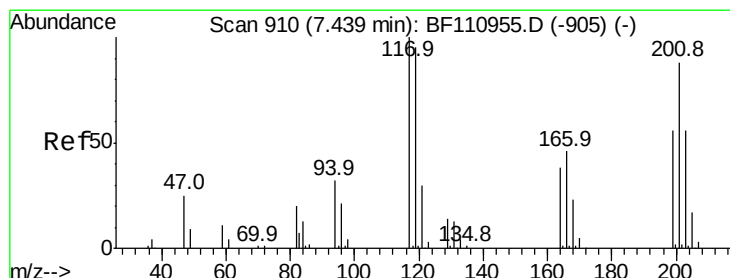
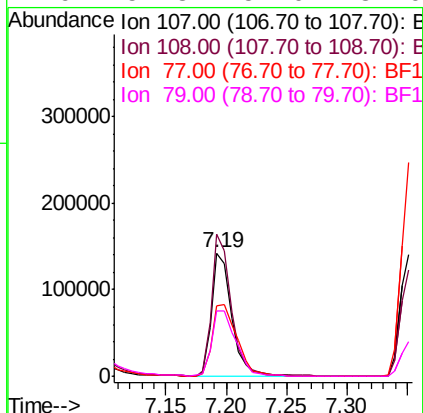
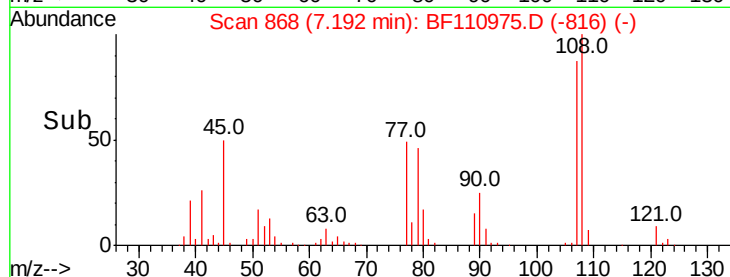
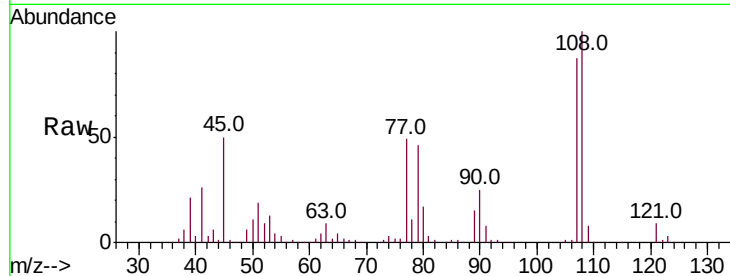
#17
2-Methylphenol
Concen: 41.921 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.01 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.6	92.6	138.8
77	56.6	59.4	89.2#
79	52.8	54.0	81.0#

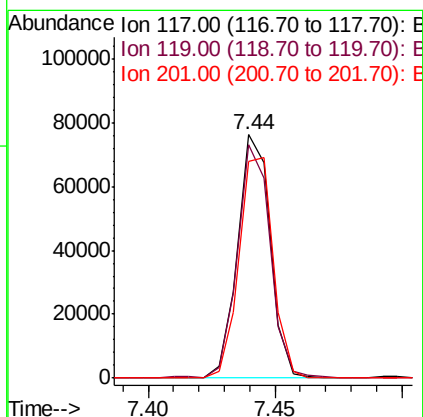
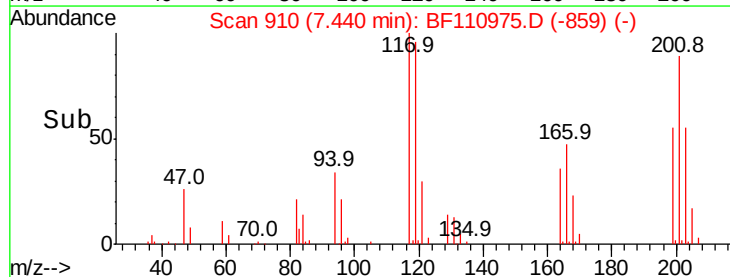
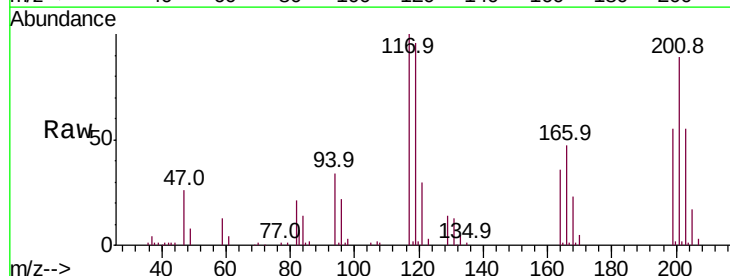
Manual Integrations
APPROVED

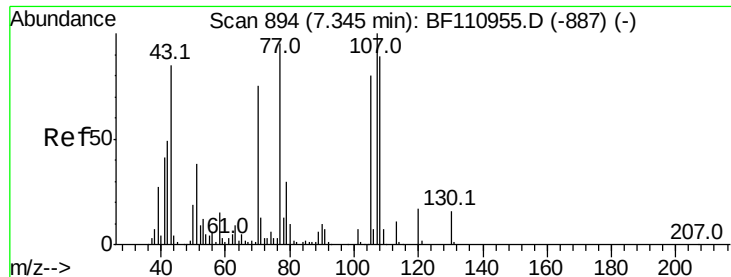
mohammad
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#18
Hexachloroethane
Concen: 33.389 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.0	112.6
201	89.0	79.2	118.8





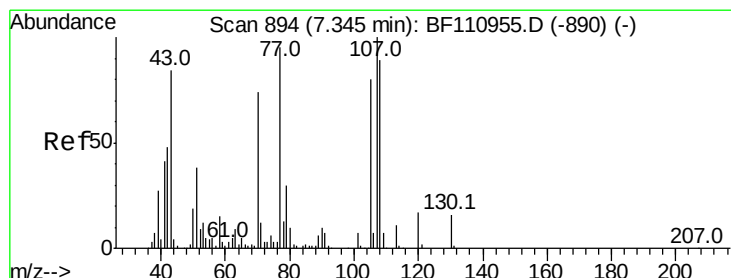
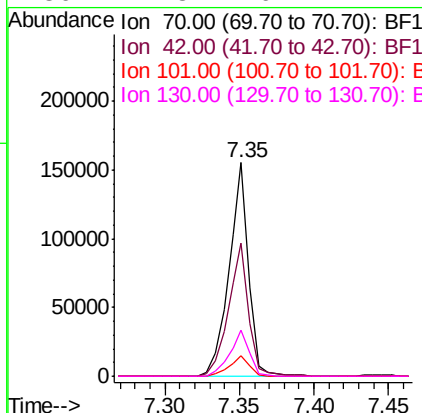
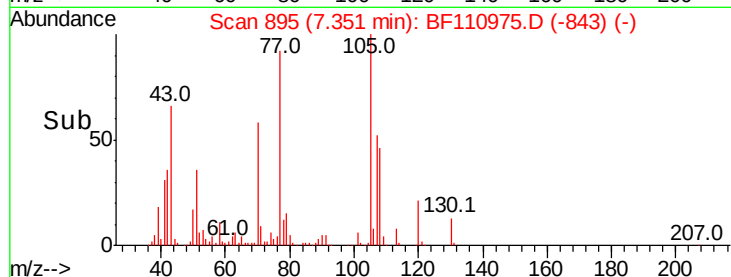
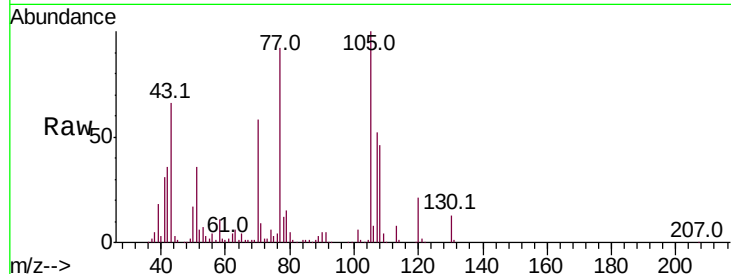
#19
n-Nitroso-di-n-propylamine
Concen: 40.841 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.01 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.6	47.4	71.2	
101	9.8	7.3	10.9	
130	21.8	16.2	24.2	

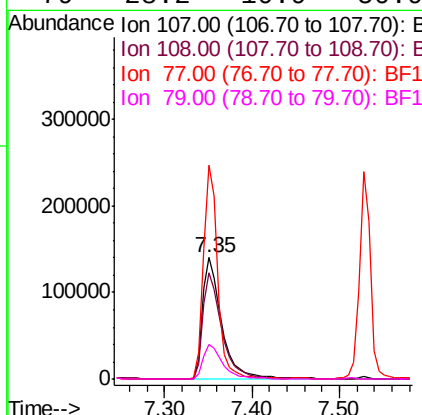
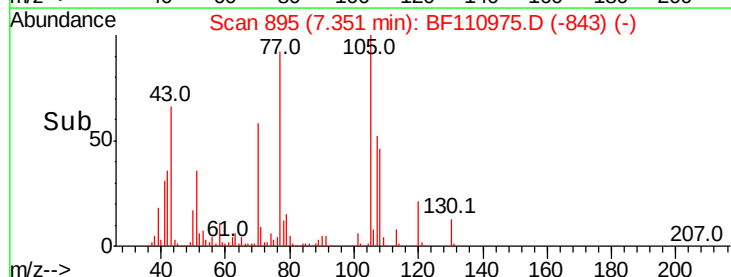
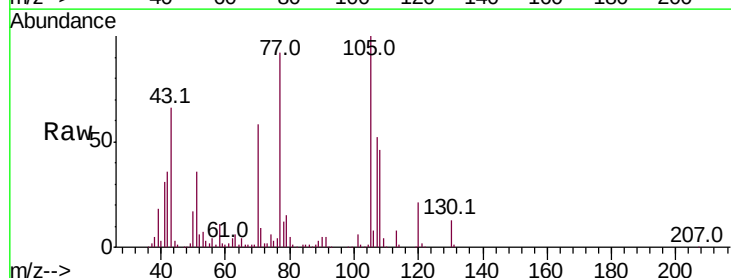
Manual Integrations
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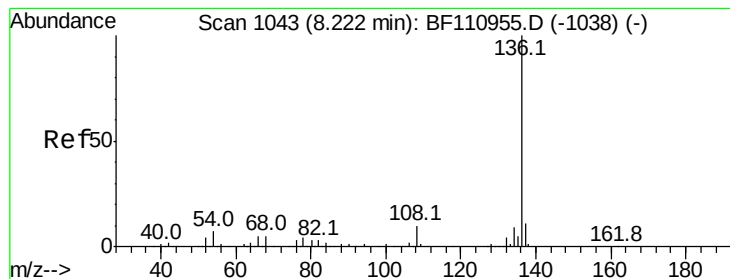
mohammad
11/27/2018 11:47:54 AM



#20
3+4-Methylphenols
Concen: 40.374 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.01 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.5	71.4	111.4	
77	175.9	47.3	87.3#	
79	28.2	10.9	50.9	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Instrument :

BNA_F

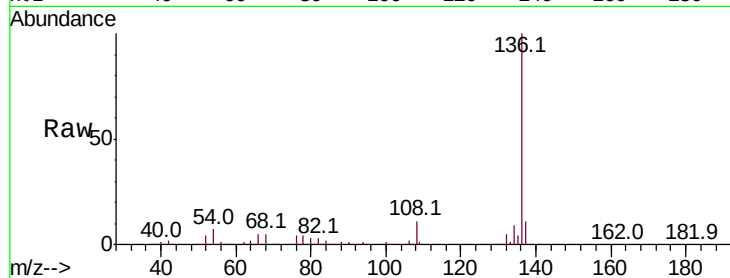
ClientSampleId :

COMP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	247898		
137	10.6		8.8	13.2
54	7.5		5.4	8.2
68	4.9		4.2	6.2

Manual Integrations
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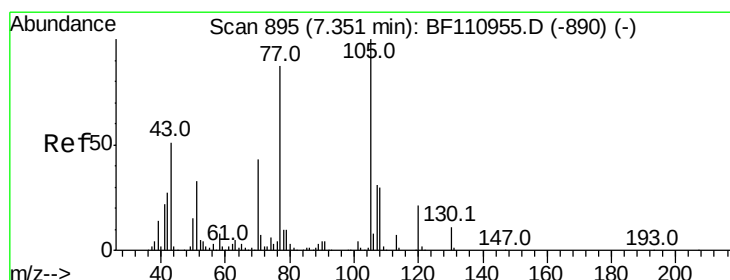
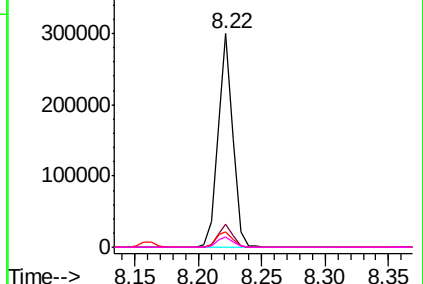
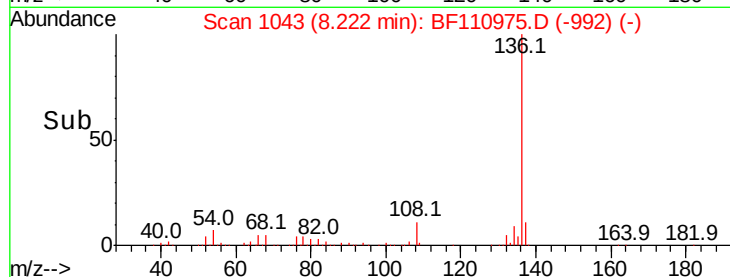
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 48.983 ng

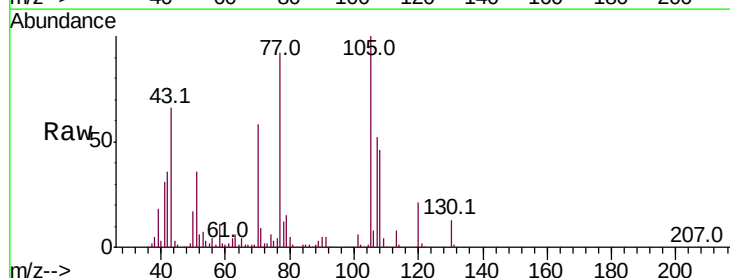
RT: 7.35 min Scan# 895

Delta R.T. 0.00 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	284625		
71	9.2		5.2	7.8#
51	36.1		21.8	32.8#
120	21.2		17.0	25.4



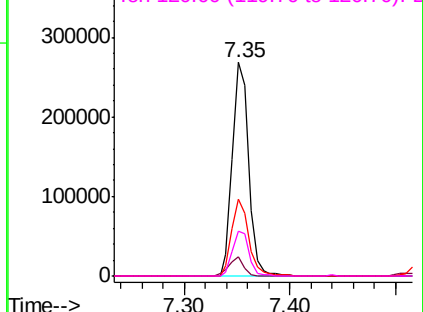
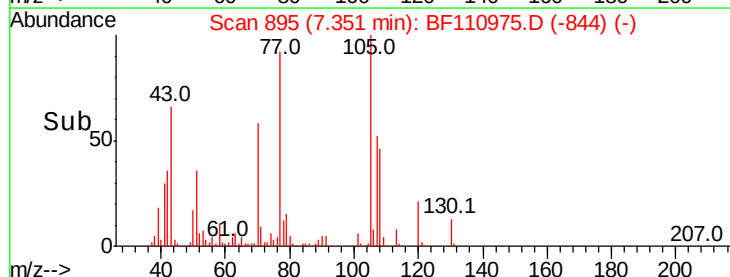
Abundance

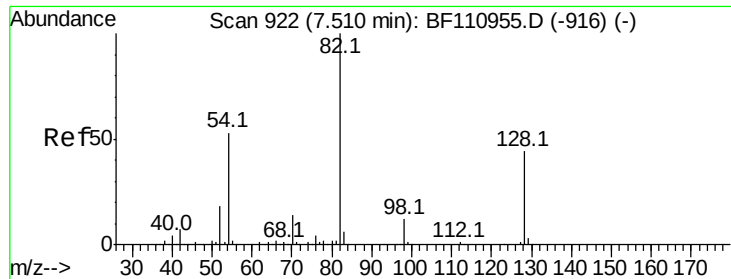
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





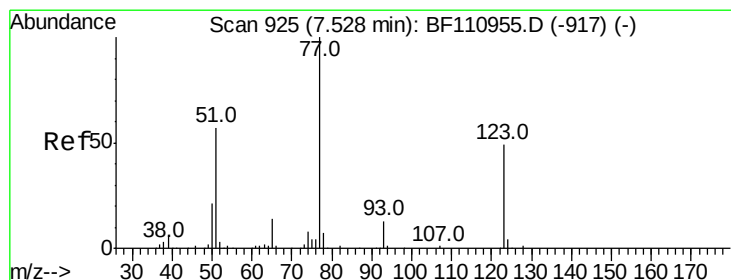
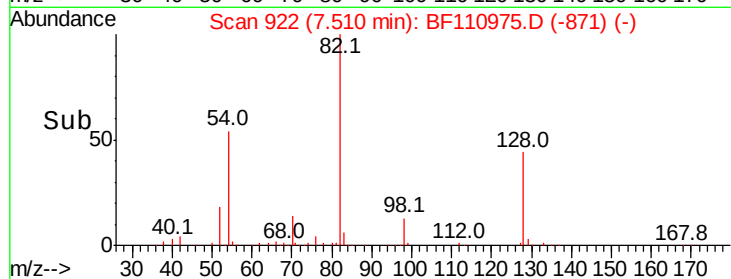
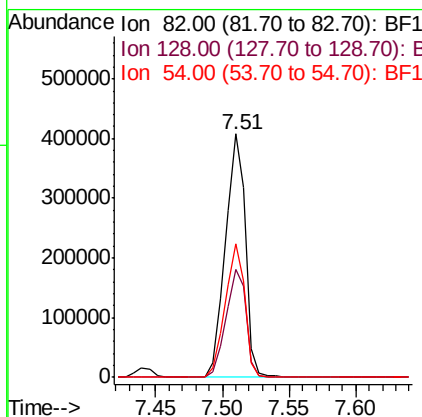
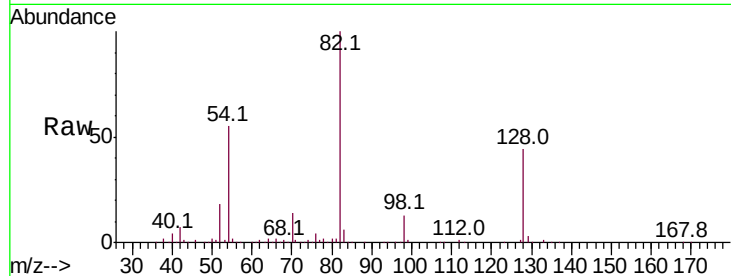
#23
 Nitrobenzene-d5
 Concen: 100.125 ng
 RT: 7.51 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BF110975.D
 Acq: 26 Nov 2018 20:33

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.2	51.2
54	54.7	38.6	58.0

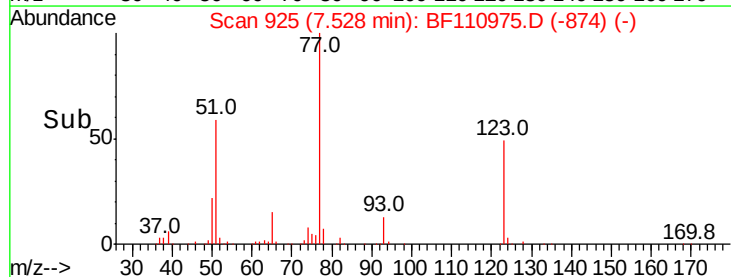
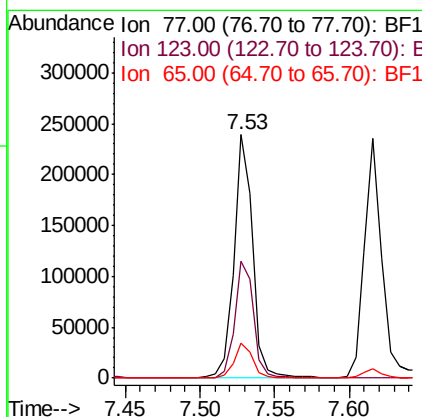
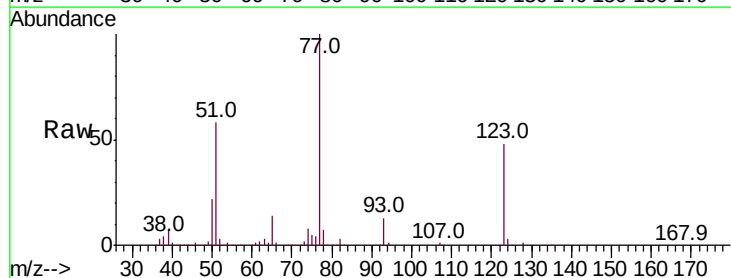
Manual Integrations
 APPROVED

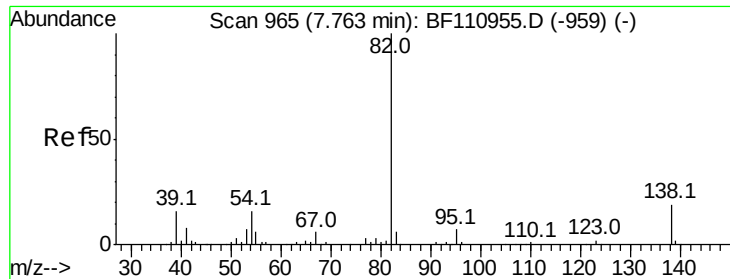
mohammad
 11/27/2018 11:47:54 AM



#24
 Nitrobenzene
 Concen: 46.603 ng
 RT: 7.53 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BF110975.D
 Acq: 26 Nov 2018 20:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.1	35.7	53.5
65	14.4	10.7	16.1





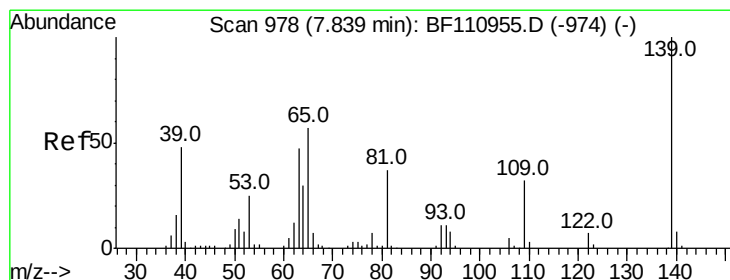
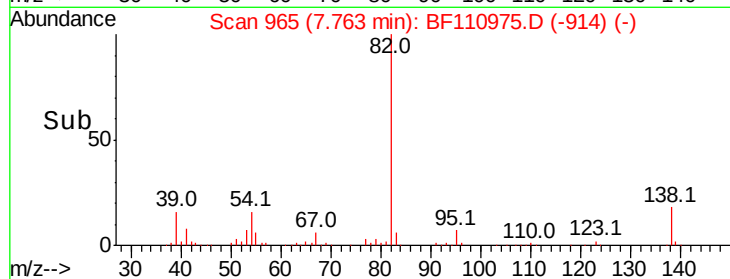
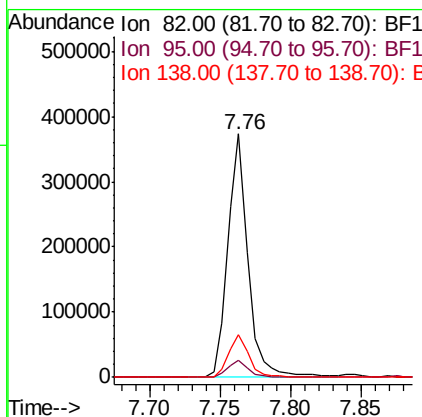
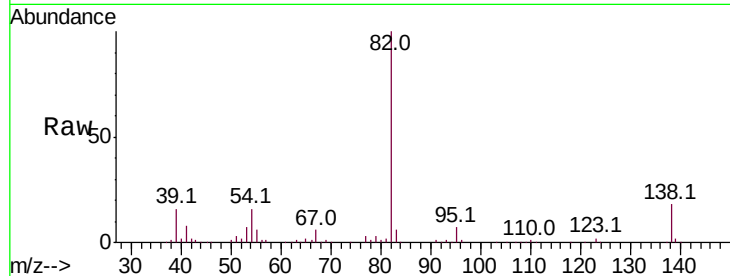
#25
Isophorone
Concen: 52.393 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.2		5.7	8.5
138	17.6		13.2	19.8

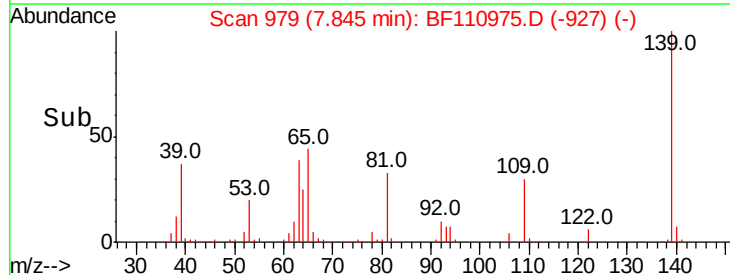
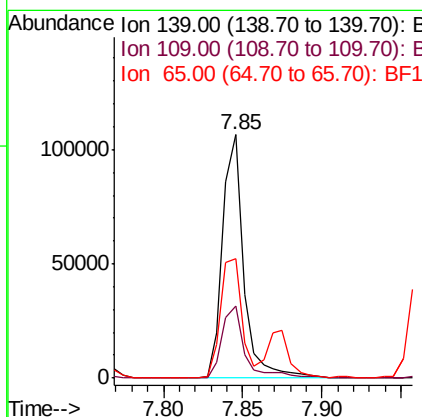
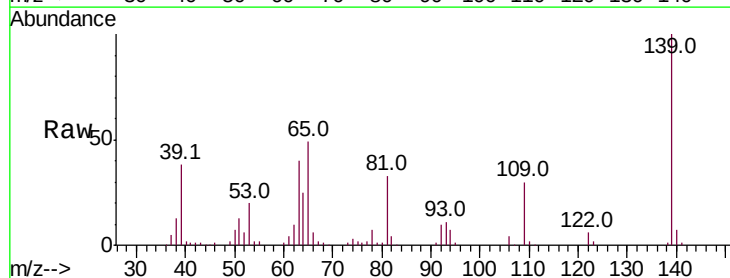
Manual Integrations
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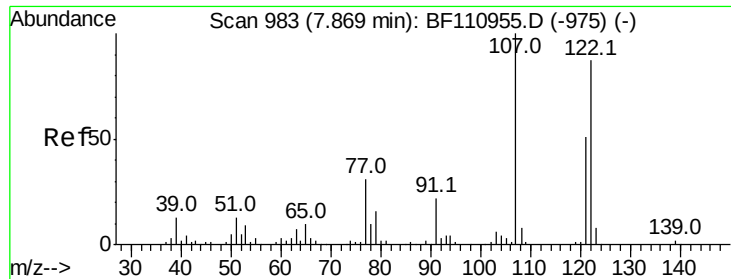
mohammad
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#26
2-Nitrophenol
Concen: 45.064 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	29.8		25.0	37.6
65	48.9		44.0	66.0





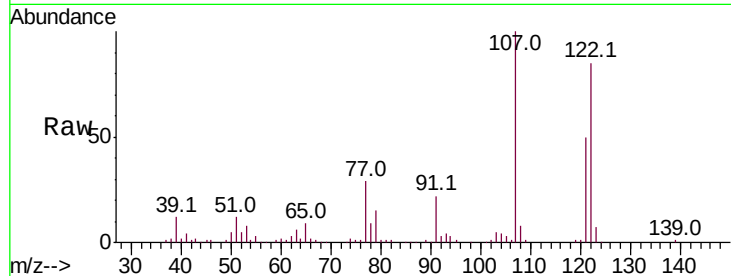
#27
2,4-Dimethylphenol
Concen: 51.522 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.01 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	170276		
107	117.2	92.5	138.7	
121	58.8	45.8	68.8	

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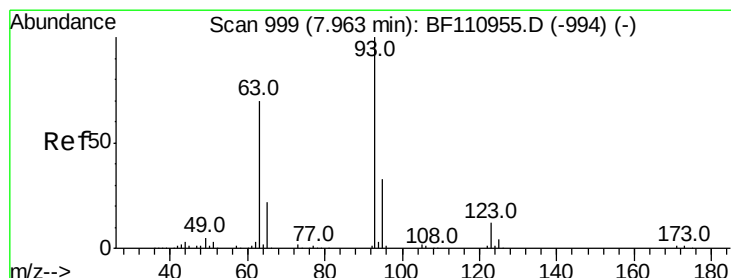
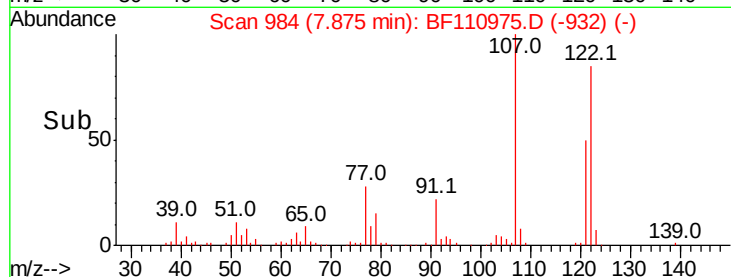
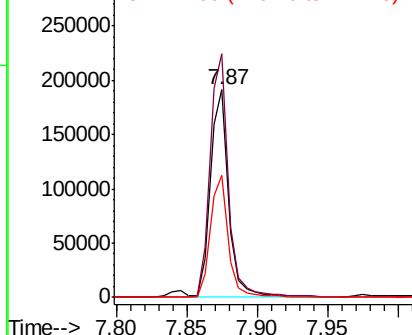


Abundance

Ion 122.00 (121.70 to 122.70): E

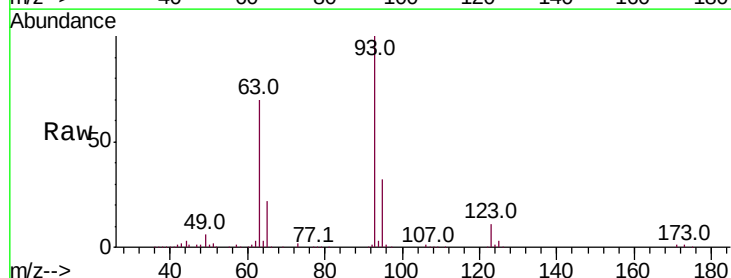
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 49.369 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	235001		
95	32.2	26.4	39.6	
123	11.2	9.0	13.6	

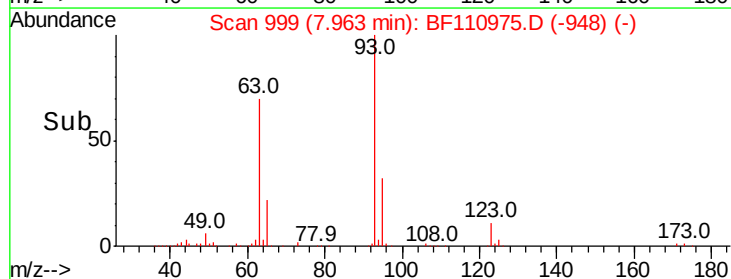
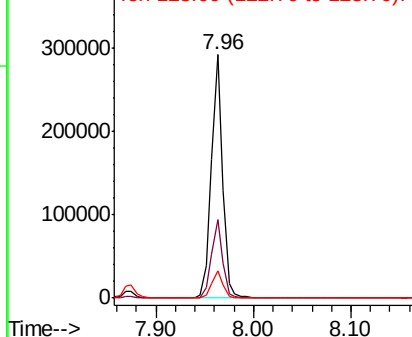


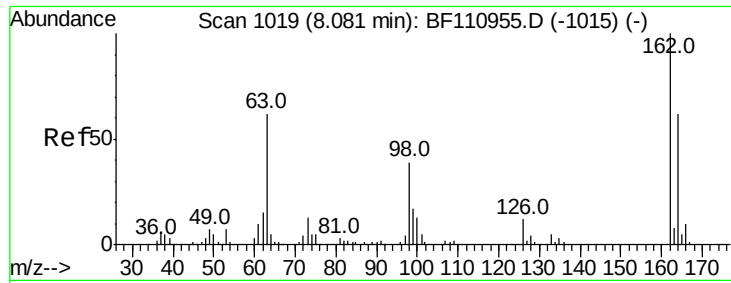
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





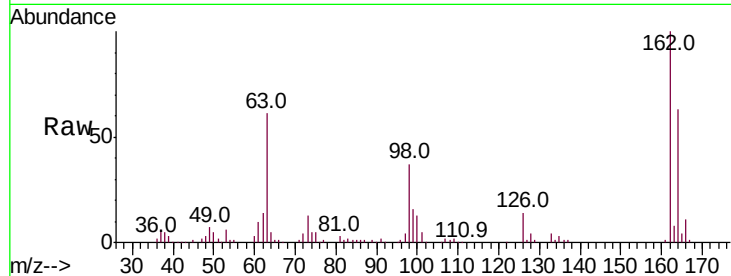
#29
2,4-Dichlorophenol
Concen: 45.777 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

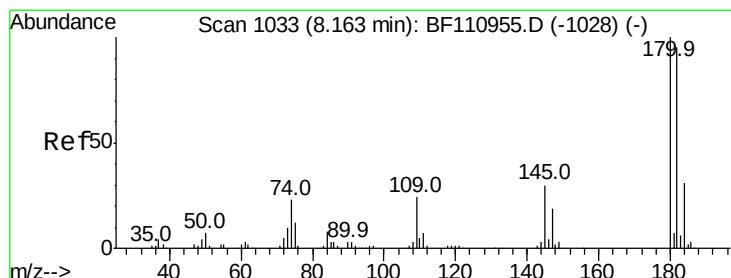
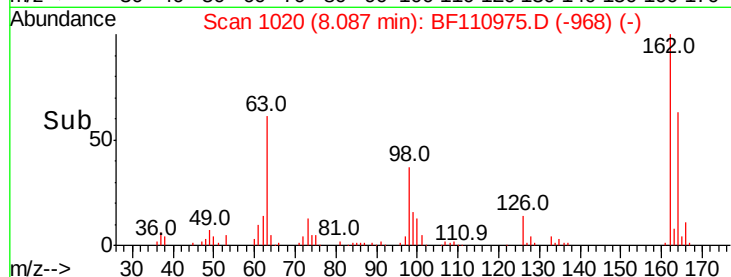
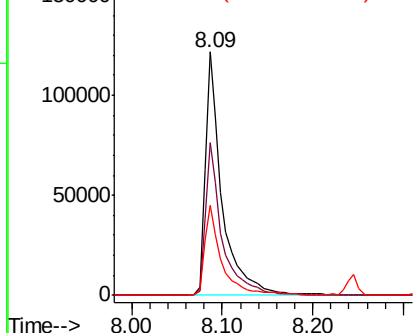
Tot Ion	Ratio	Resp	Lower	Upper
162	100	158311		
164	62.6		44.6	84.6
98	37.0		17.4	57.4

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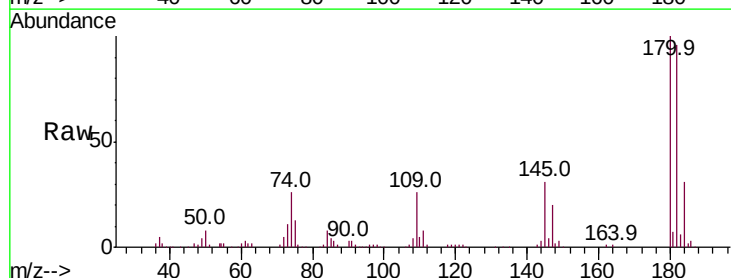


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

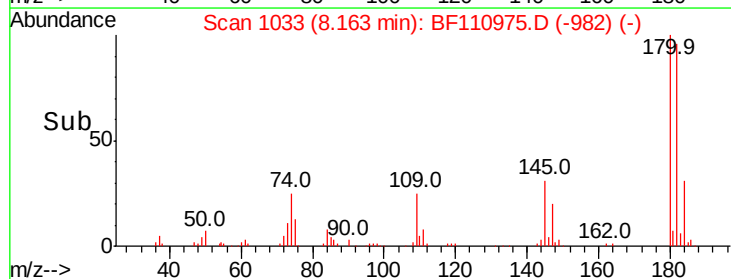
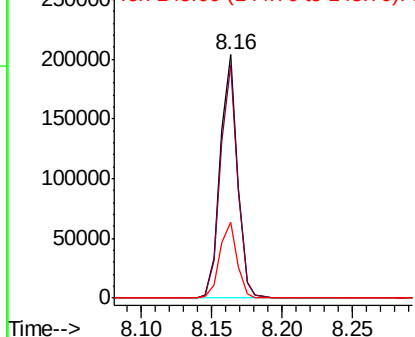


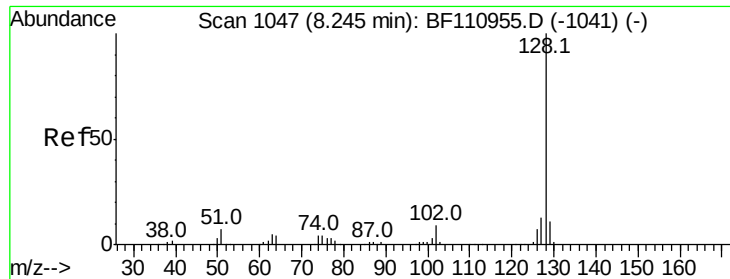
#30
1,2,4-Trichlorobenzene
Concen: 44.780 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	173553		
182	95.9		80.3	120.5
145	31.3		25.4	38.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





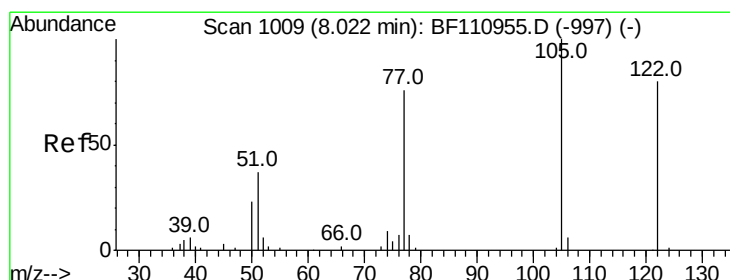
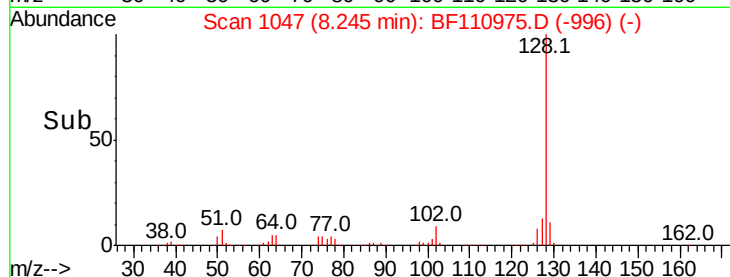
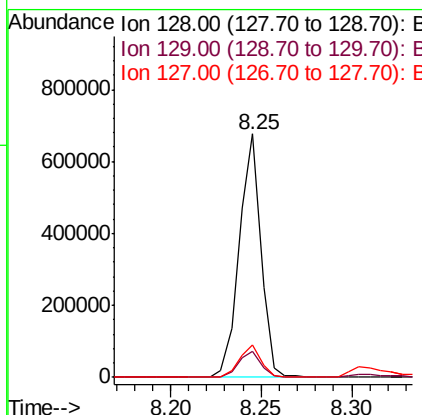
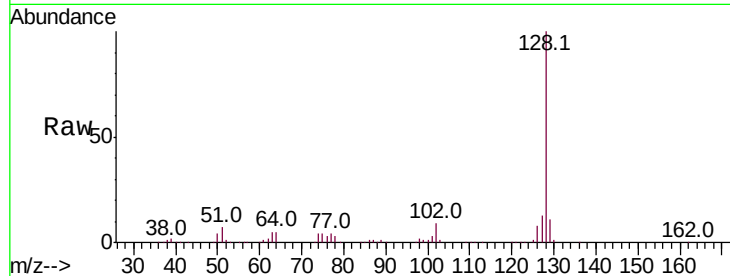
#31
Naphthalene
Concen: 48.494 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	563515		
129	10.8		8.8	13.2
127	13.4		10.8	16.2

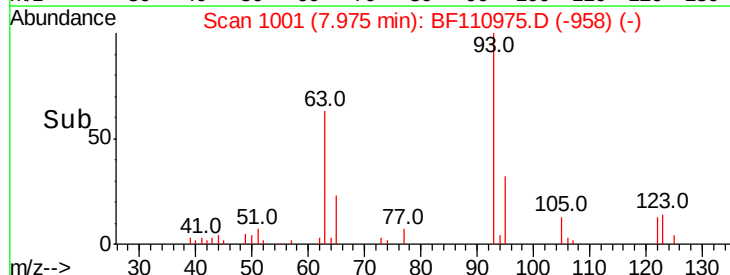
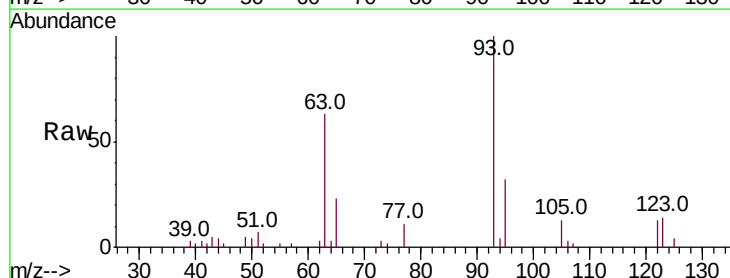
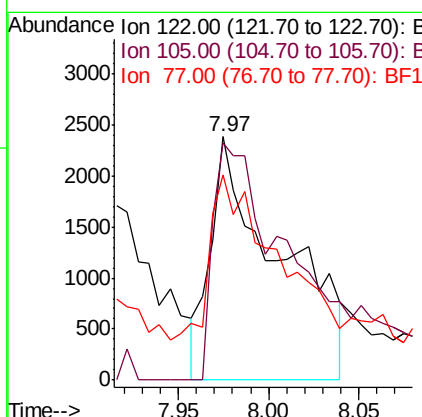
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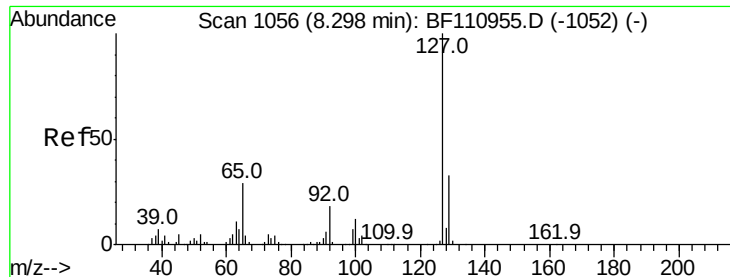
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#32
Benzoic acid
Concen: 2.610 ng m
RT: 7.97 min Scan# 1001
Delta R.T. -0.05 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	6412		
105	97.4		109.0	149.0#
77	84.4		79.0	119.0





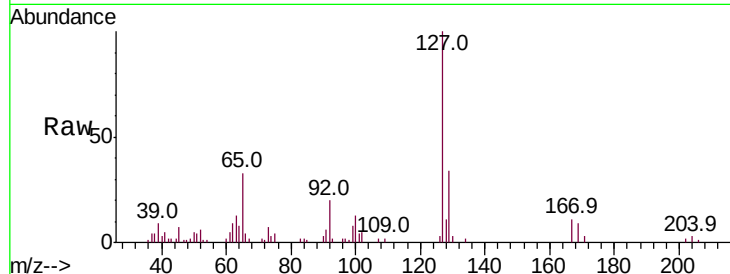
#33
4-Chloroaniline
Concen: 10.206 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

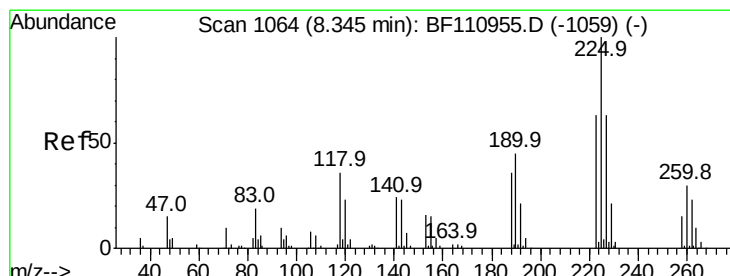
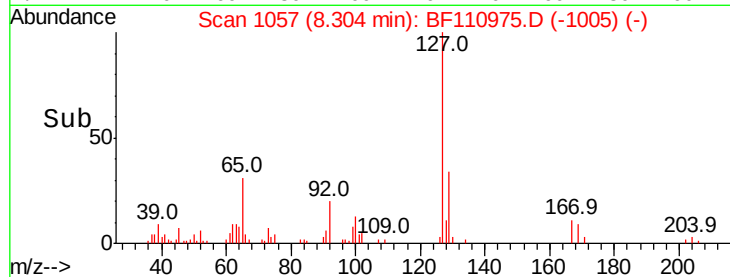
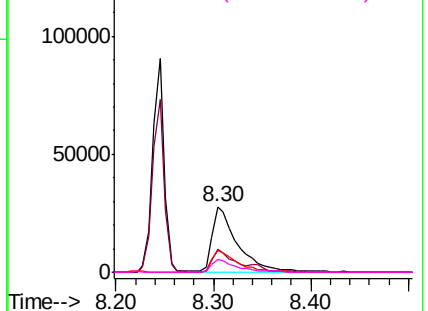
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		50479		
129	34.4	26.0	39.0		
65	32.6	25.1	37.7		
92	20.2	15.0	22.6		

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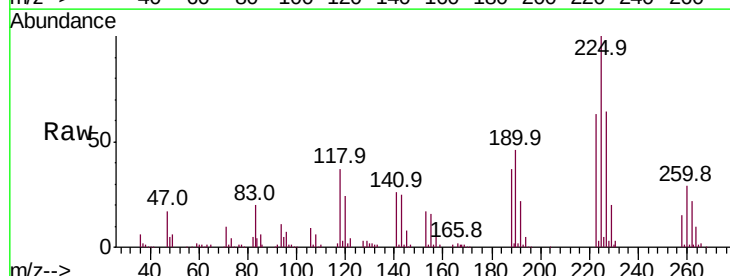


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

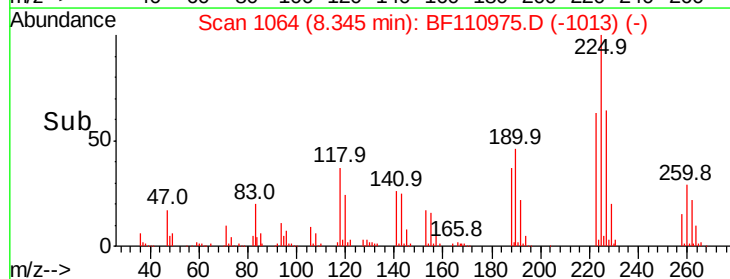
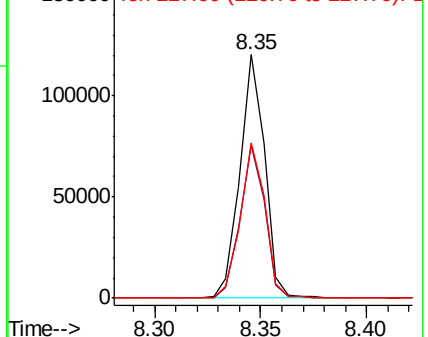


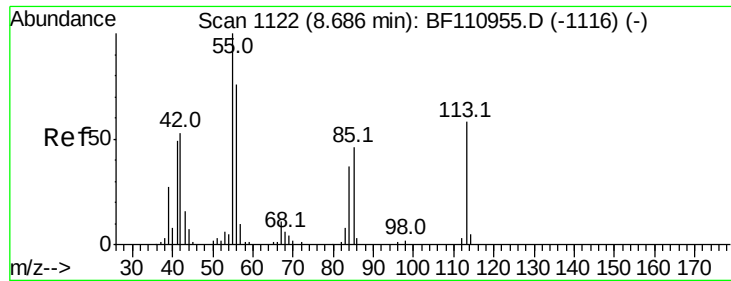
#34
Hexachlorobutadiene
Concen: 44.158 ng
RT: 8.35 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		97477		
223	62.7	51.4	77.2		
227	63.6	51.0	76.6		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





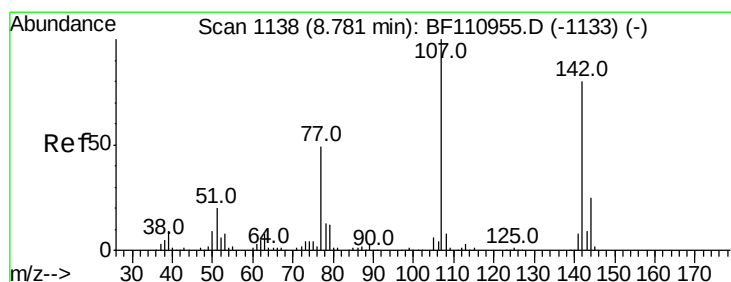
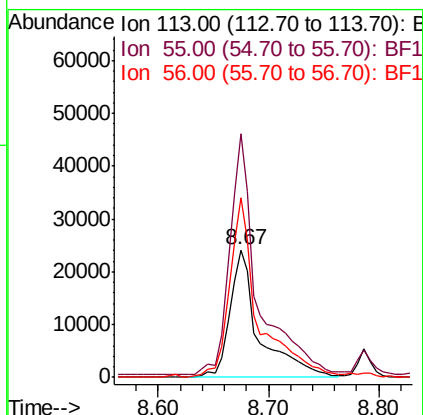
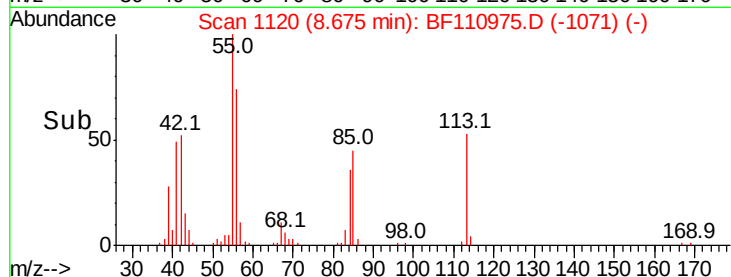
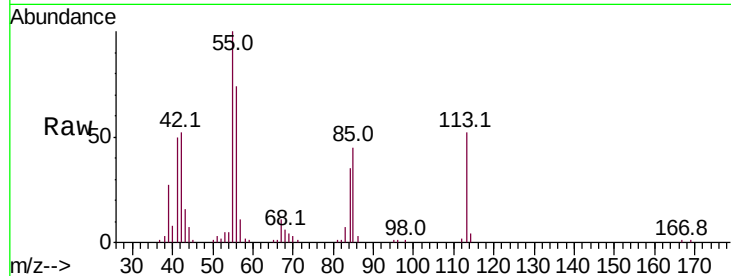
#35
Caprolactam
Concen: 38.038 ng
RT: 8.67 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion:113 Resp: 44910
Ion Ratio Lower Upper
113 100
55 191.1 142.8 182.8#
56 141.1 105.0 145.0

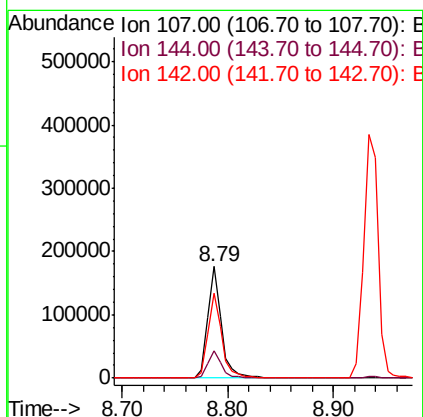
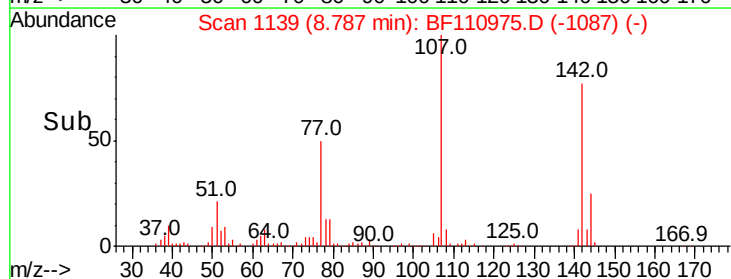
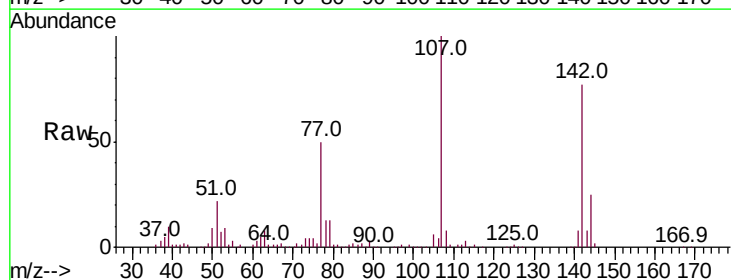
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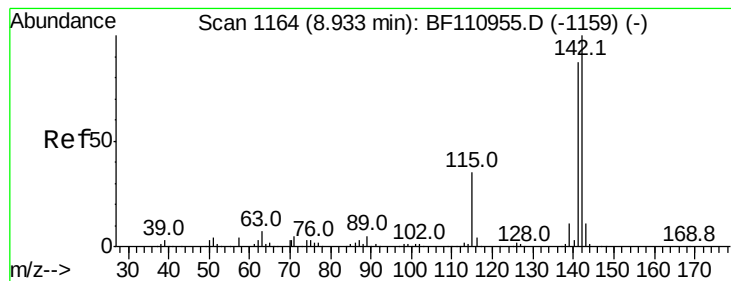
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#36
4-Chloro-3-methylphenol
Concen: 41.582 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Tgt Ion:107 Resp: 159781
Ion Ratio Lower Upper
107 100
144 25.0 20.0 30.0
142 76.5 59.7 89.5





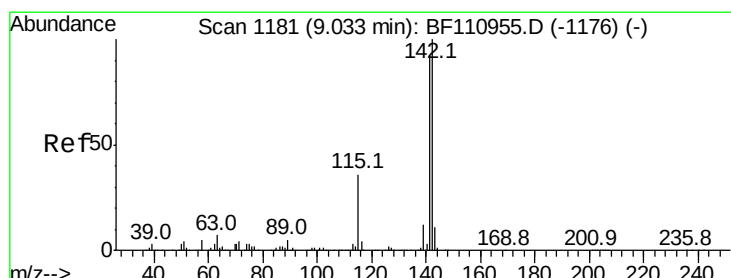
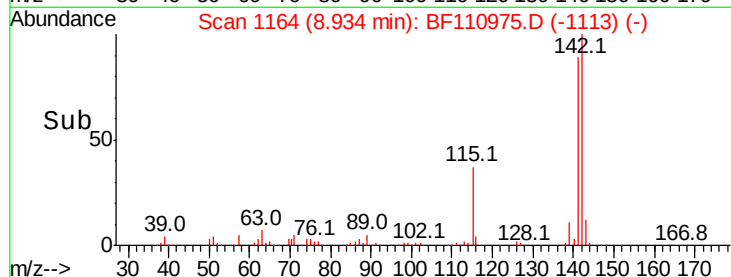
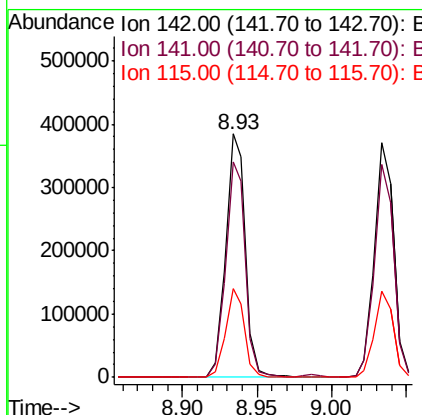
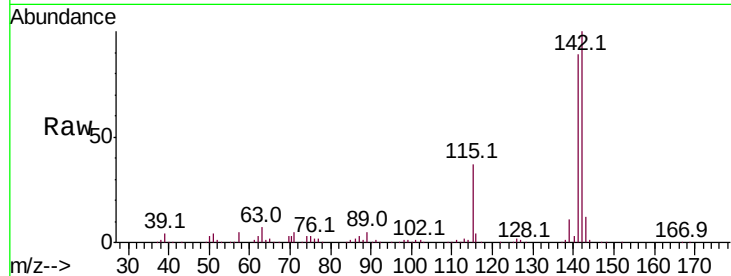
#37
2-Methylnaphthalene
Concen: 46.863 ng
RT: 8.93 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	359691		
141	88.7	71.4	107.2	
115	36.6	28.7	43.1	

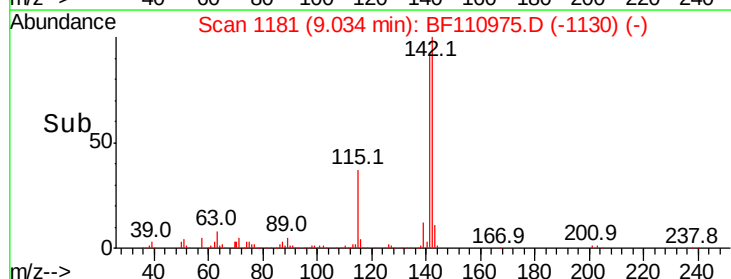
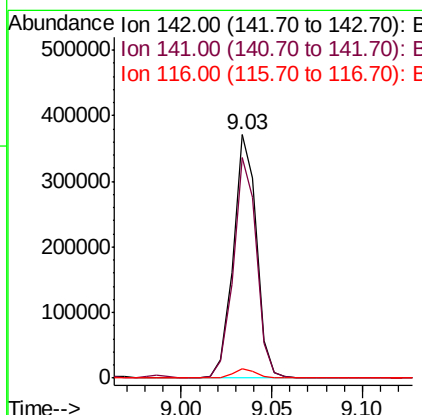
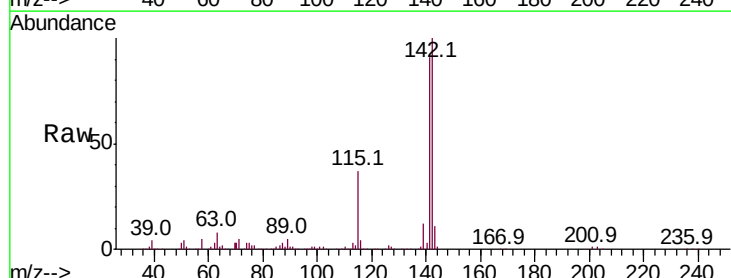
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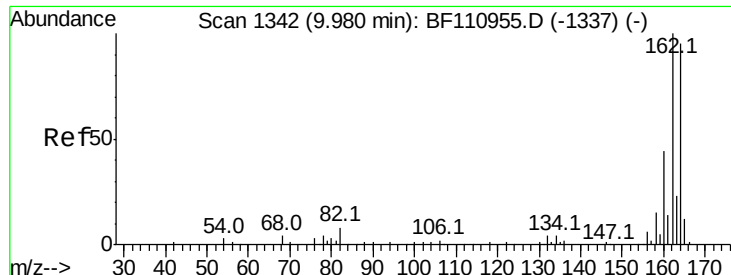
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#38
1-Methylnaphthalene
Concen: 44.324 ng
RT: 9.03 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	330912		
141	90.6	74.2	111.4	
116	3.9	2.6	4.0	





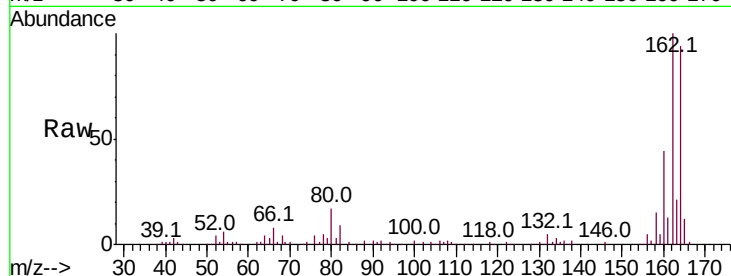
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.7	83.0	124.6
160	47.0	37.0	55.6

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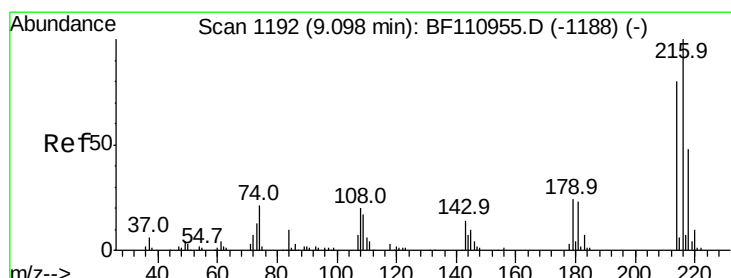
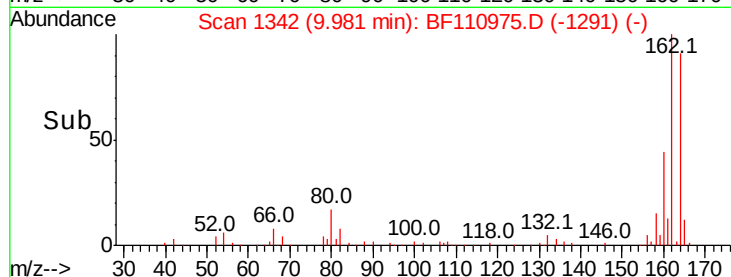
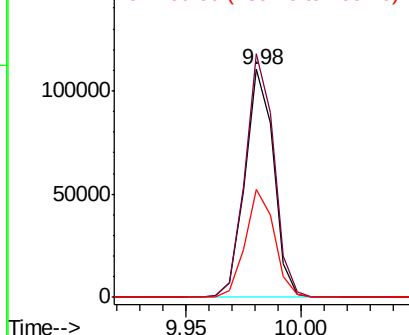


Abundance

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



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.863 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.8	95.6
179	22.6	16.6	25.0
108	18.1	15.1	22.7

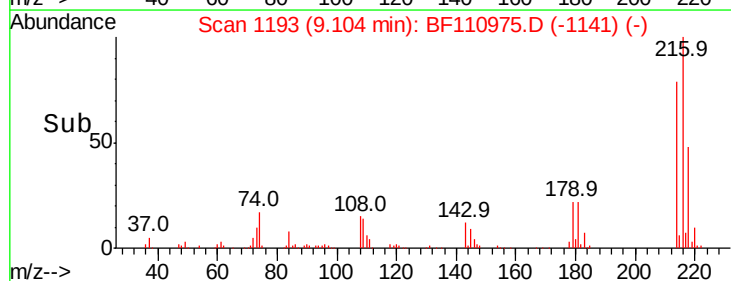
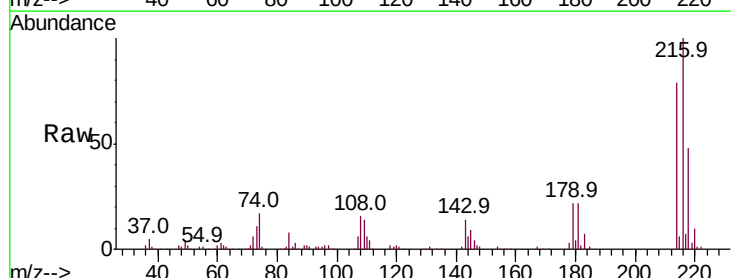
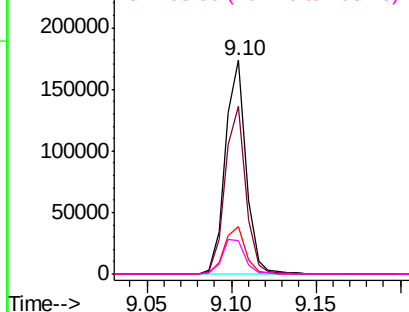
Abundance

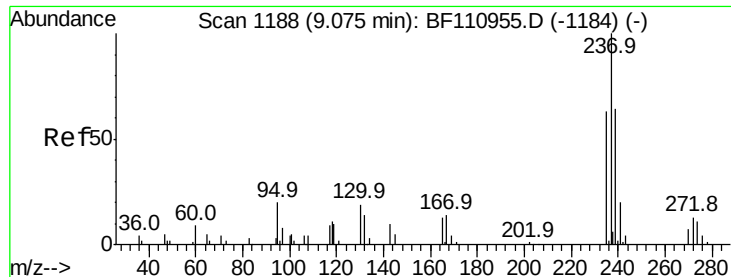
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





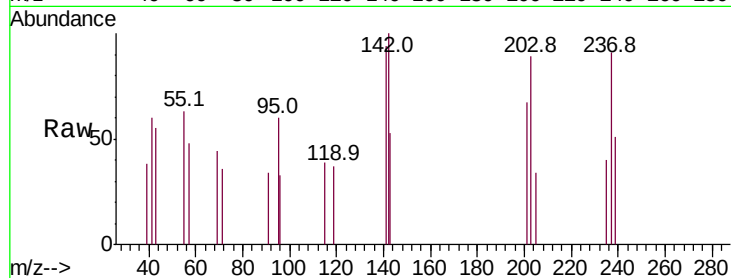
#41
Hexachlorocyclopentadiene
Concen: 12.118 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

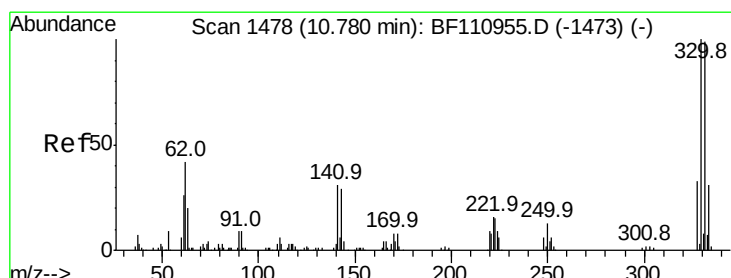
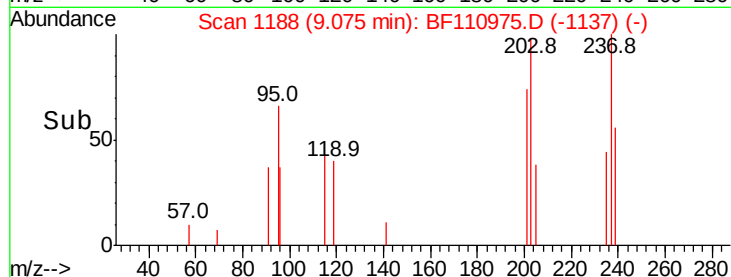
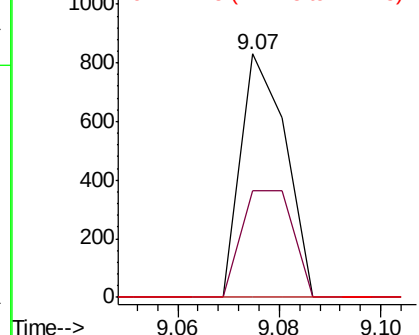
Tot Ion	Ratio	Lower	Upper
237	100		
235	43.7	43.1	83.1
272	0.0	0.0	32.6

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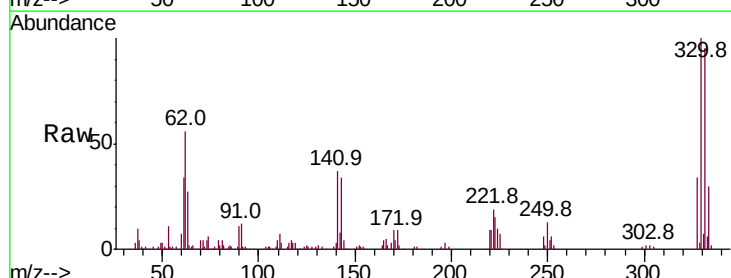


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

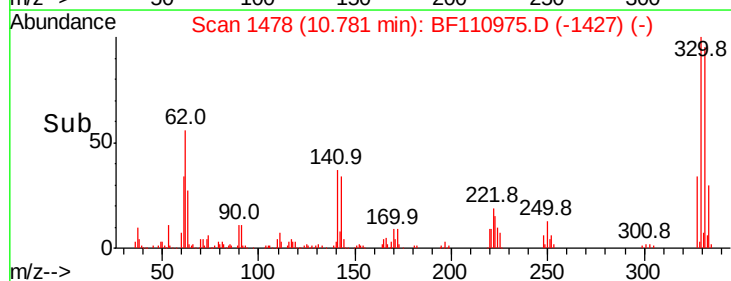
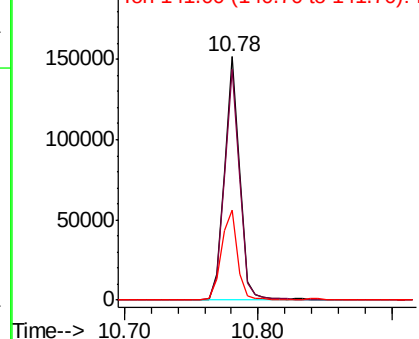


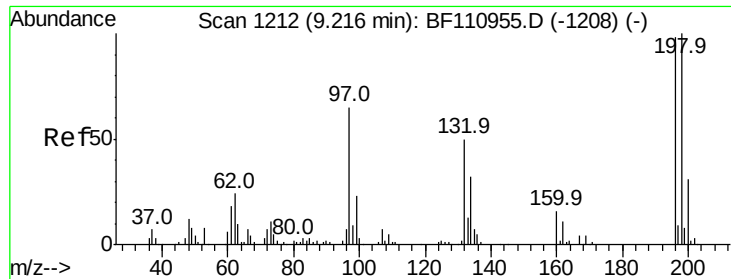
#42
2,4,6-Tribromophenol
Concen: 128.939 ng
RT: 10.78 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.1	115.7
141	38.9	27.0	40.4



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





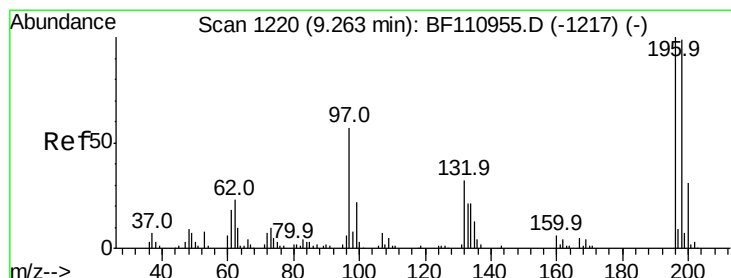
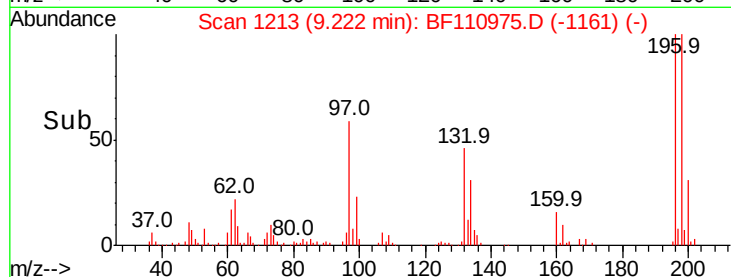
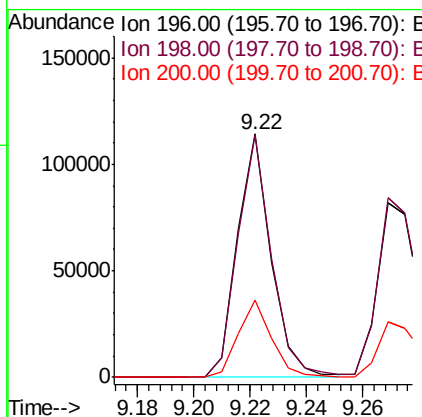
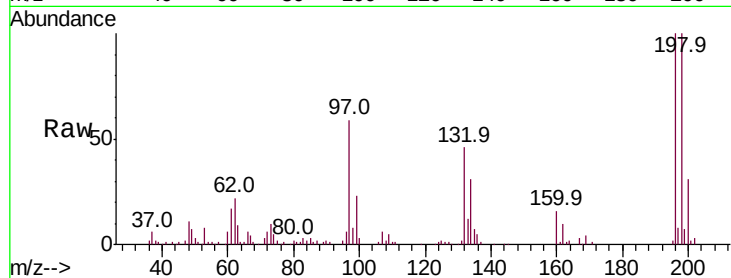
#43
 2,4,6-Trichlorophenol
 Concen: 52.344 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF110975.D
 Acq: 26 Nov 2018 20:33

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	94778		
198	99.8	76.2	114.4	
200	31.5	24.4	36.6	

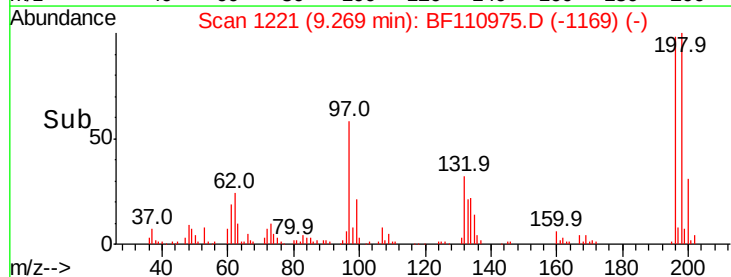
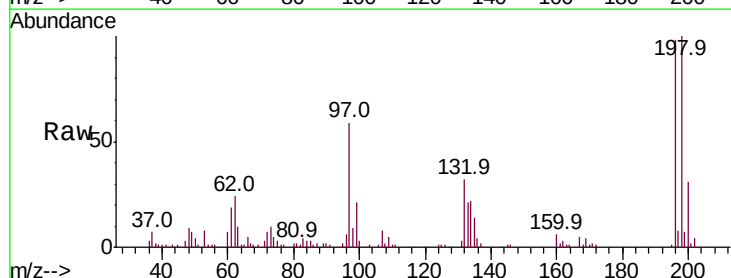
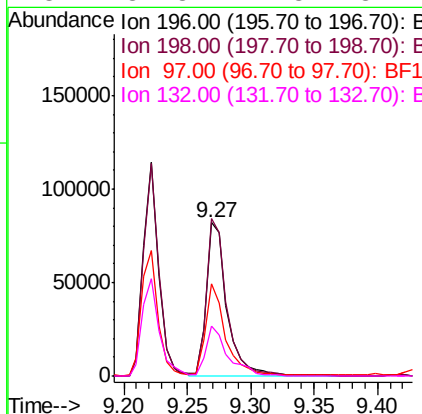
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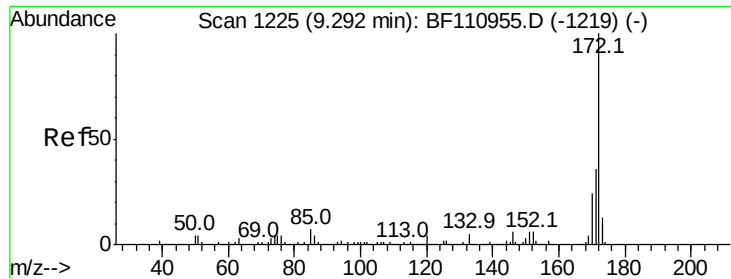
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#44
 2,4,5-Trichlorophenol
 Concen: 49.651 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.01 min
 Lab File: BF110975.D
 Acq: 26 Nov 2018 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	94662		
198	102.5	75.8	113.6	
97	60.3	42.4	63.6	
132	32.8	22.8	34.2	





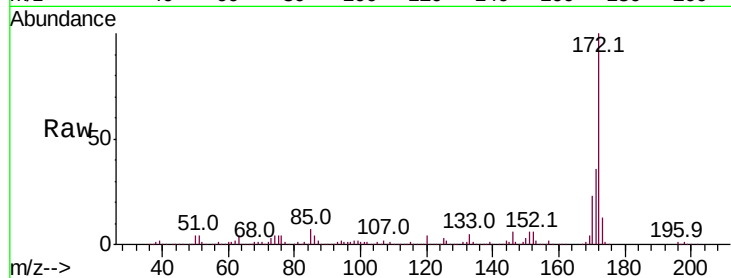
#45
2-Fluorobiphenyl
Concen: 102.944 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

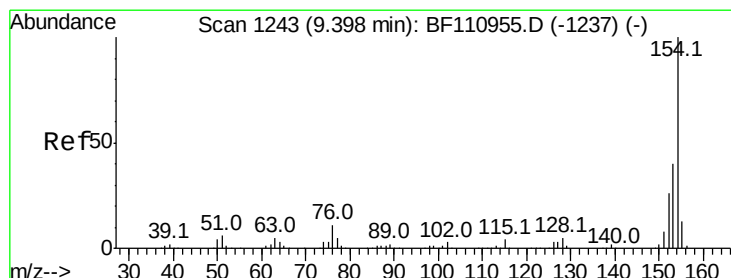
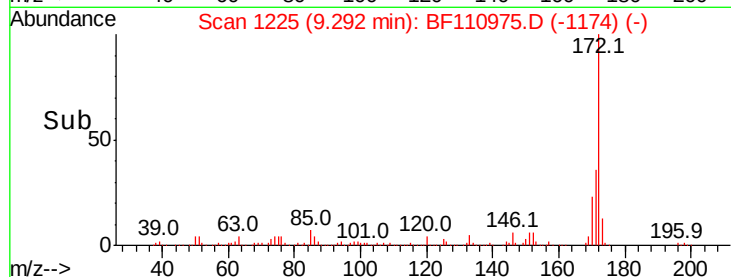
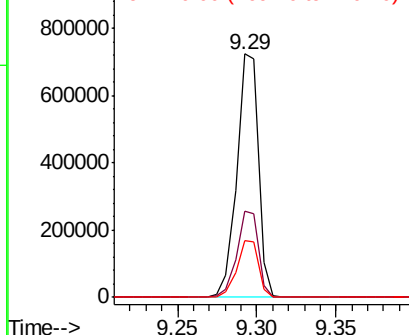
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.4	19.7	29.5

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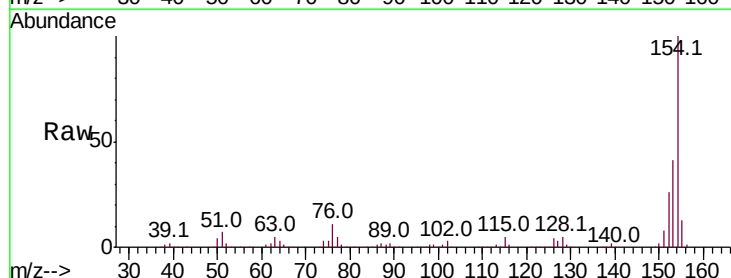


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

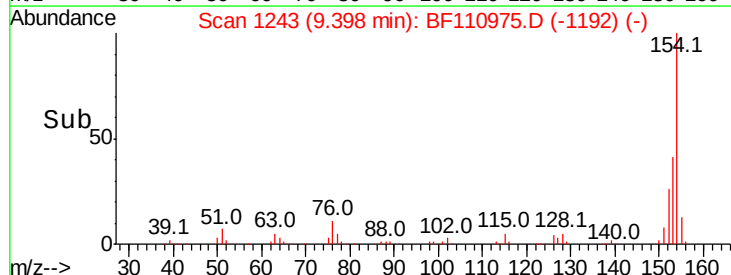
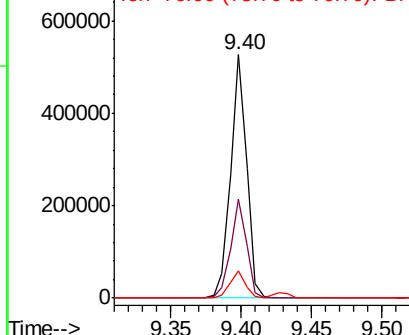


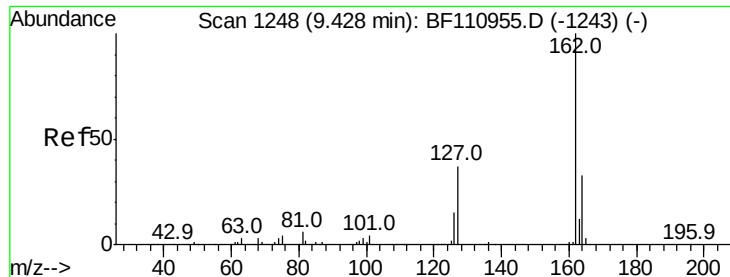
#46
1,1'-Biphenyl
Concen: 46.697 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.4	60.4
76	11.4	0.0	31.9



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





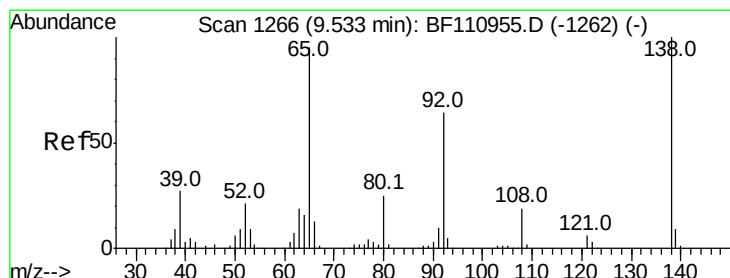
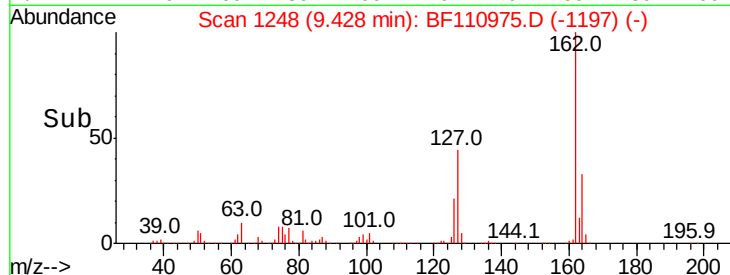
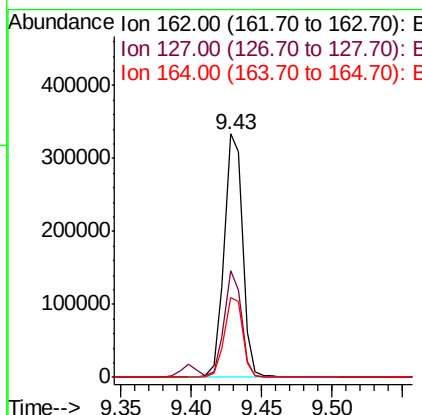
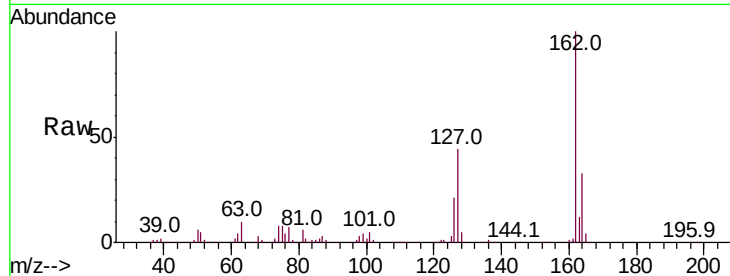
#47
2-Chloronaphthalene
Concen: 47.147 ng
RT: 9.43 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.7	32.6	48.8
164	32.6	25.9	38.9

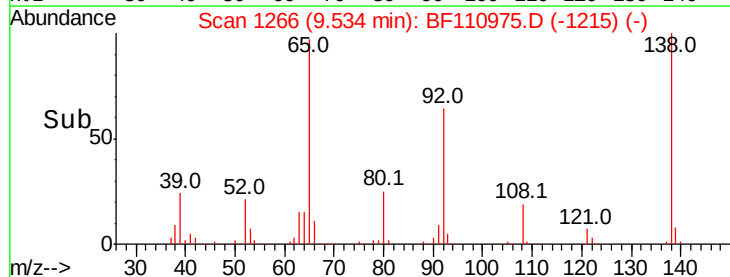
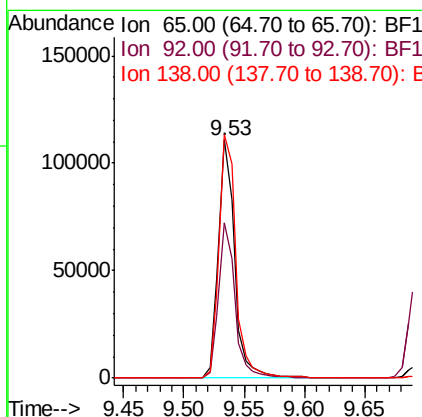
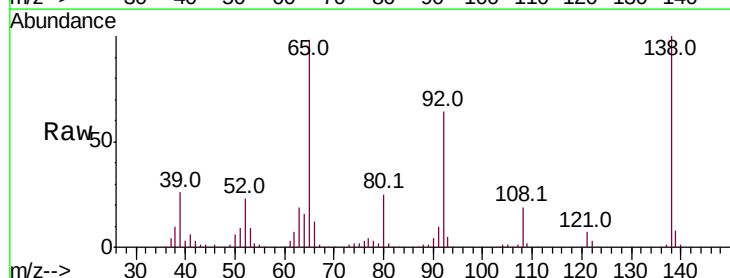
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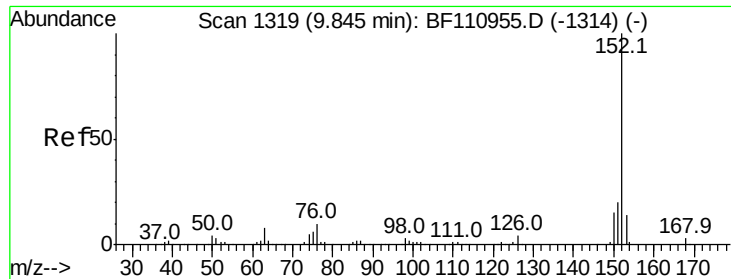
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#48
2-Nitroaniline
Concen: 51.063 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.2	54.6	81.8
138	102.3	80.3	120.5





#49

Acenaphthylene

Concen: 49.240 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Instrument :

BNA_F

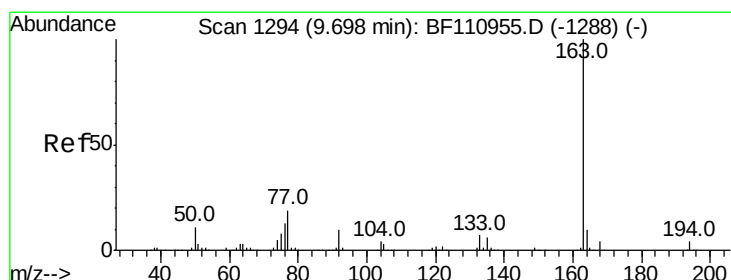
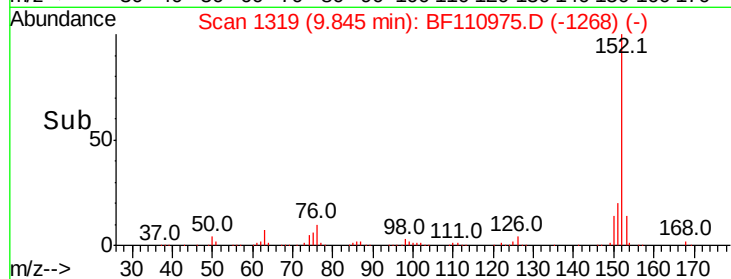
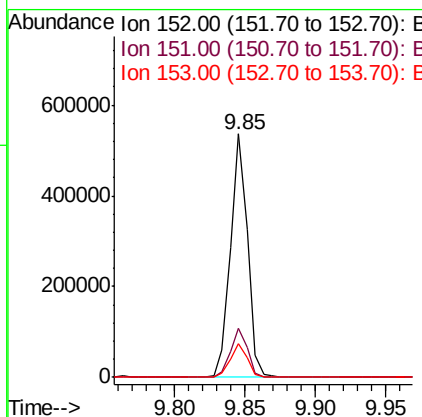
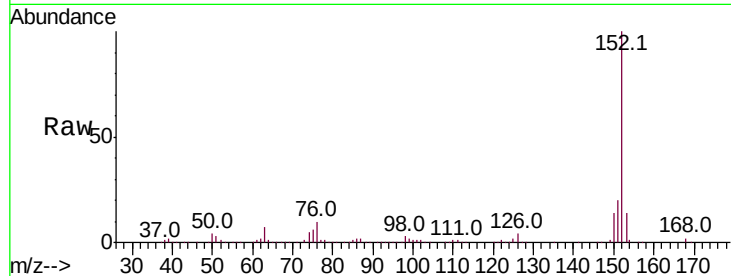
ClientSampleId :

COMP-3MSD

Tot Ion:	152	Resp:	451074
Ion Ratio	Lower	Upper	
152	100		
151	20.4	15.8	23.8
153	13.9	10.4	15.6

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#50

Dimethylphthalate

Concen: 62.467 ng

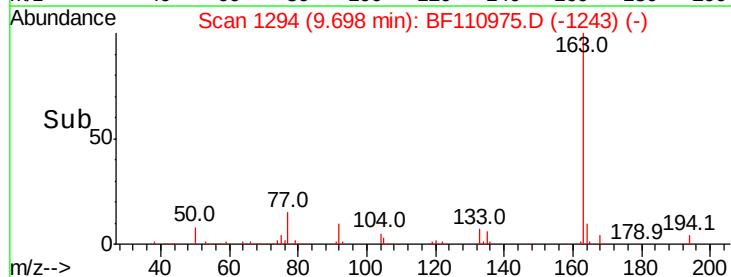
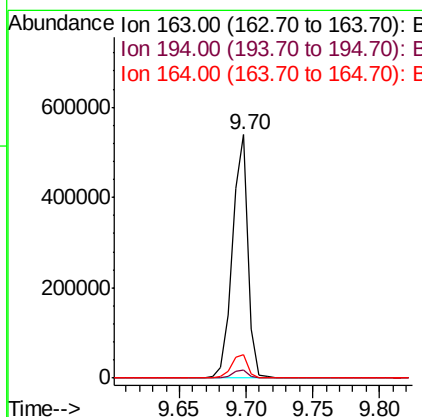
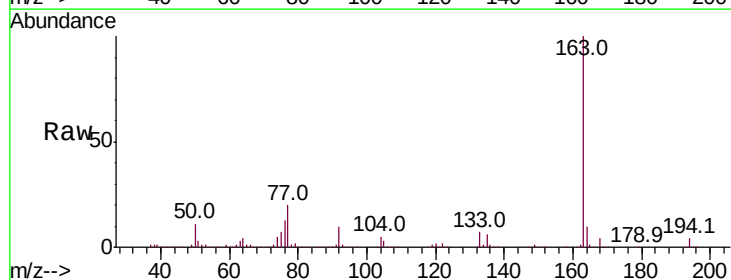
RT: 9.70 min Scan# 1294

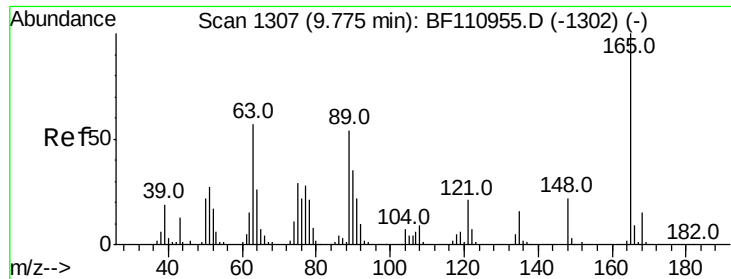
Delta R.T. 0.00 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Tgt Ion:	163	Resp:	441528
Ion Ratio	Lower	Upper	
163	100		
194	3.5	3.2	4.8
164	9.9	8.1	12.1





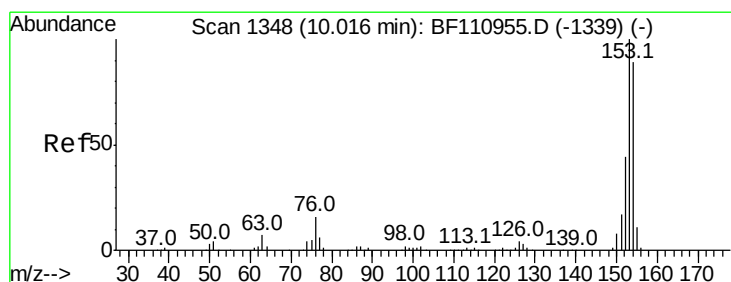
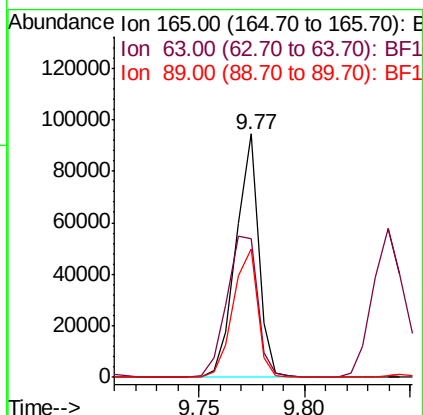
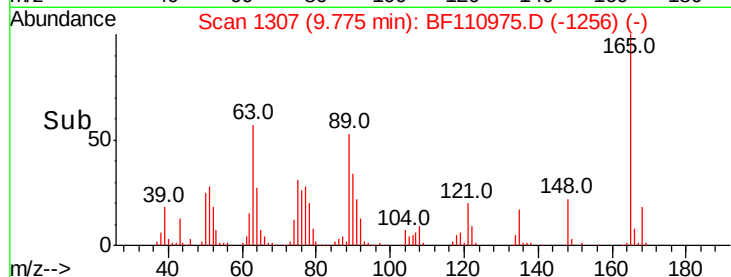
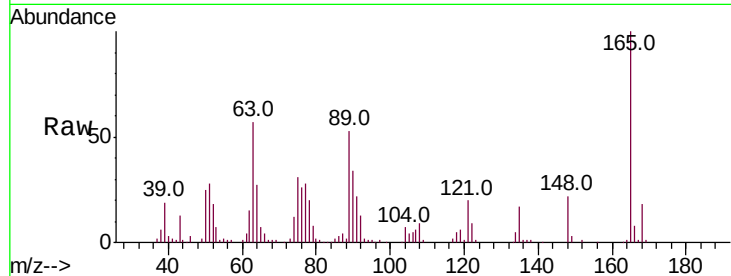
#51
2,6-Dinitrotoluene
Concen: 44.335 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	69762		
63	57.2	48.9	73.3	
89	52.6	46.6	69.8	

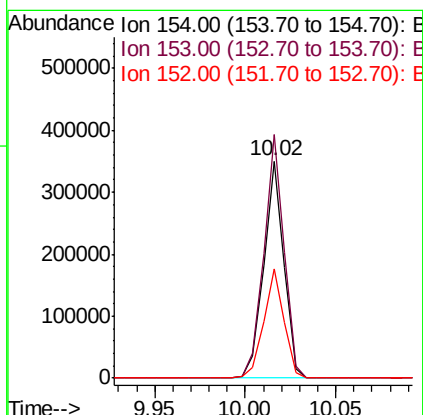
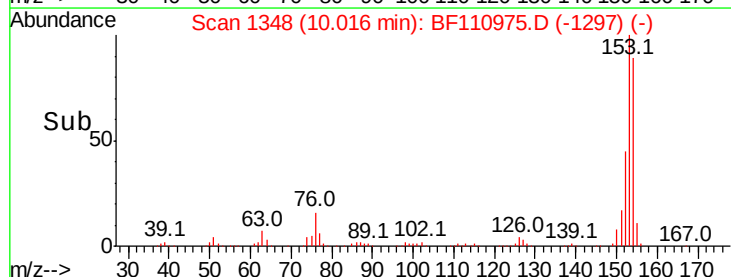
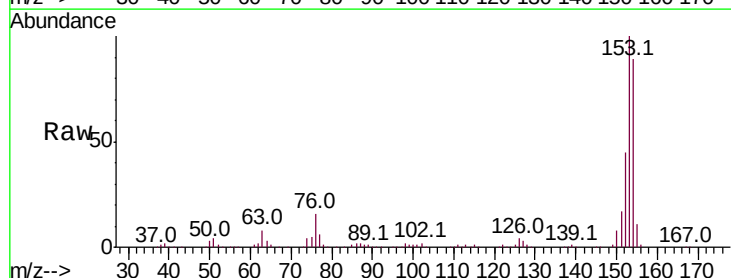
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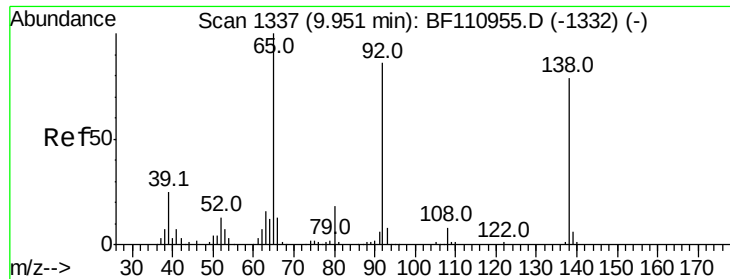
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#52
Acenaphthene
Concen: 46.248 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	271599		
153	112.3	90.1	135.1	
152	50.7	43.4	65.2	





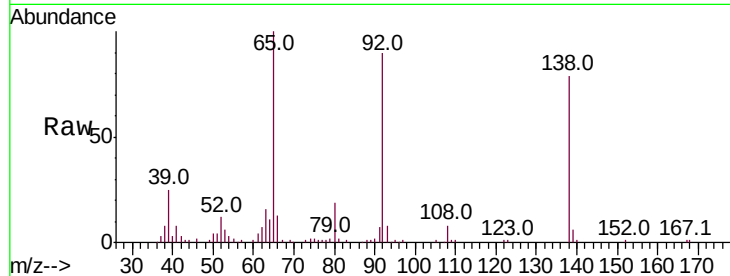
#53
3-Nitroaniline
Concen: 33.832 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.7	13.1
92	113.0	97.0	145.4

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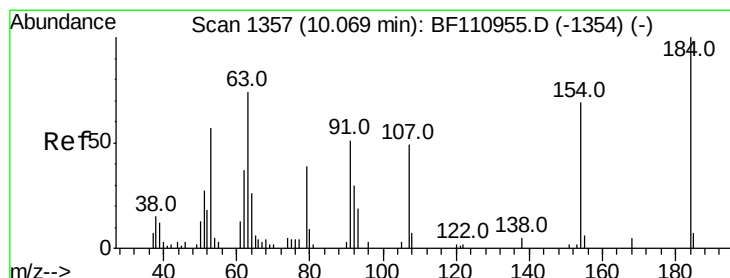
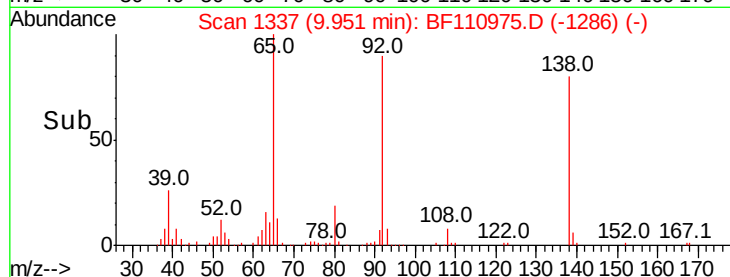
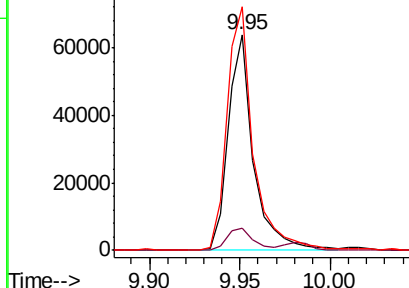


Abundance

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



#54
2,4-Dinitrophenol
Concen: 6.210 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.02 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

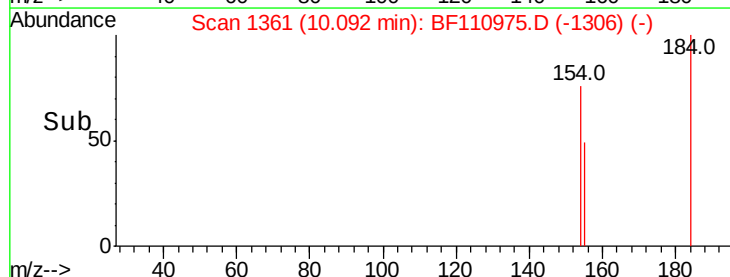
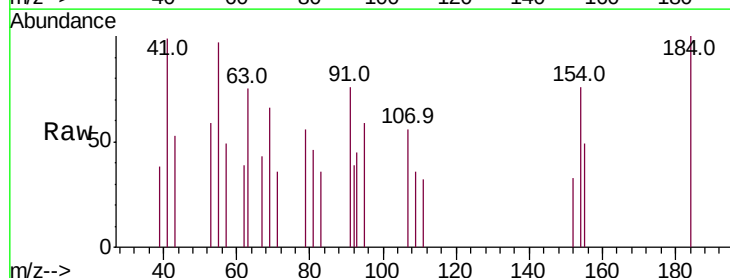
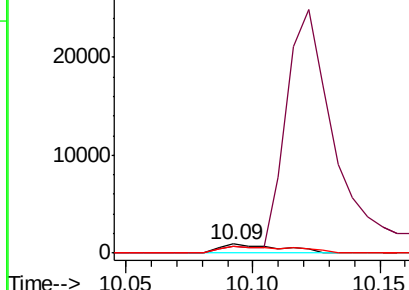
Tgt Ion	Ratio	Lower	Upper
184	100		
63	75.3	55.8	83.6
154	75.8	63.2	94.8

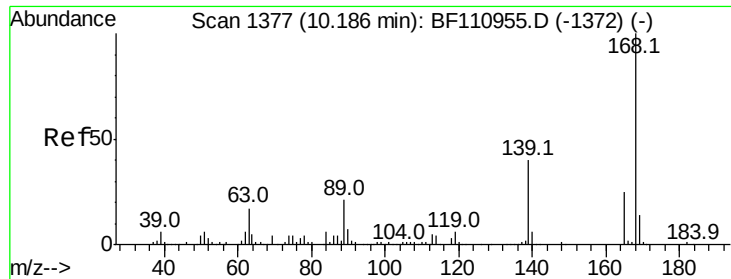
Abundance

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





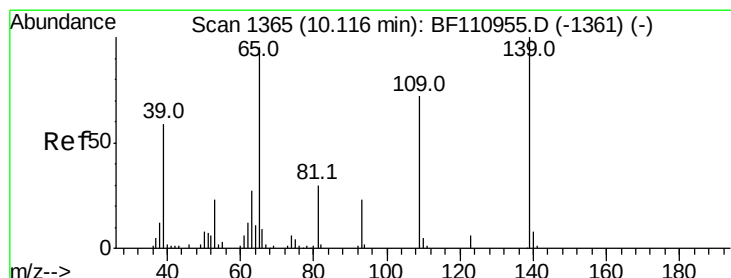
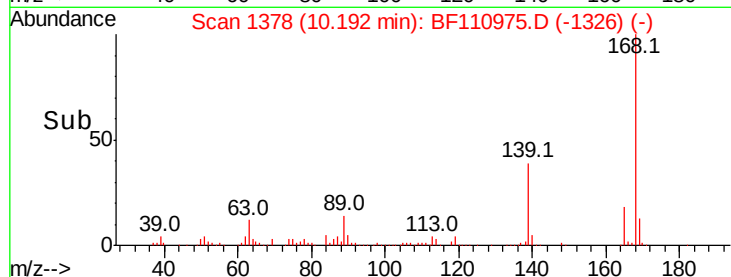
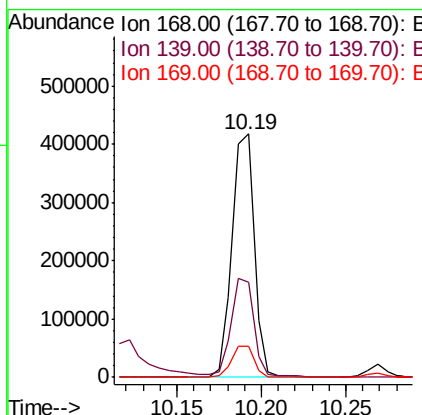
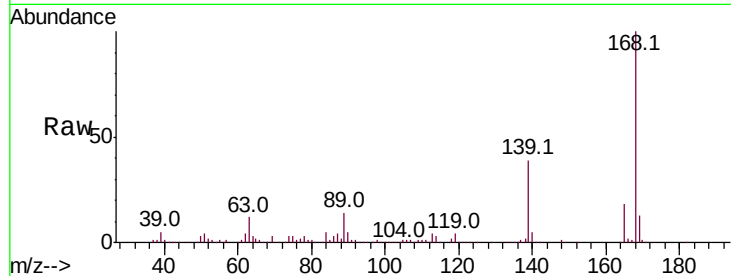
#55
Dibenzofuran
Concen: 44.689 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.2	33.0	49.6	
169	12.8	11.3	16.9	

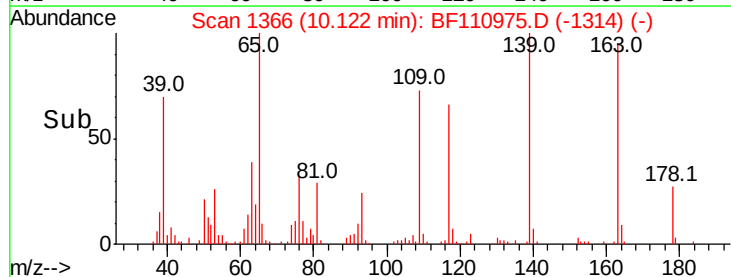
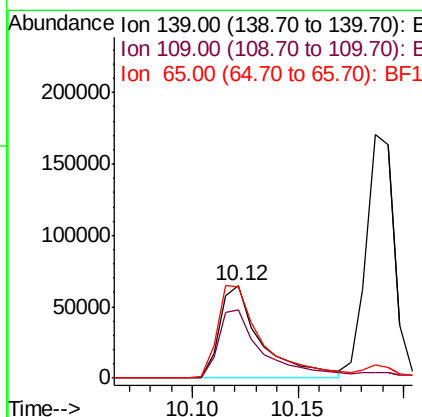
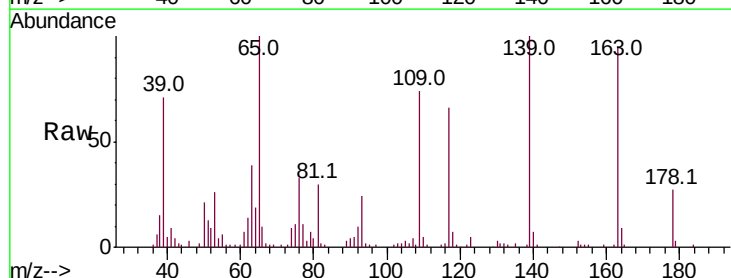
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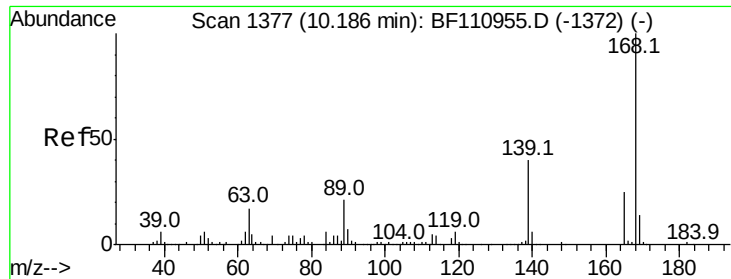
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#56
4-Nitrophenol
Concen: 86.338 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	74.1	55.8	95.8	
65	99.9	77.9	117.9	





#57

2,4-Dinitrotoluene

Concen: 40.809 ng

RT: 10.19 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

Tot Ion:165 Resp: 83312

Ion Ratio Lower Upper

165 100

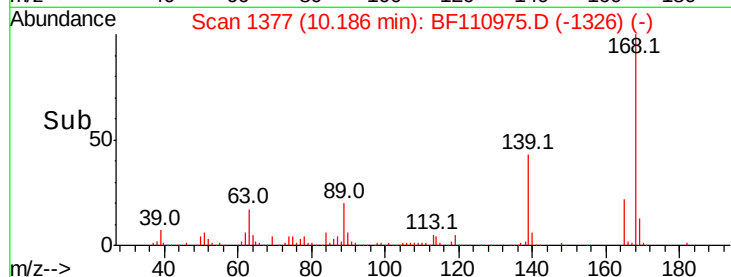
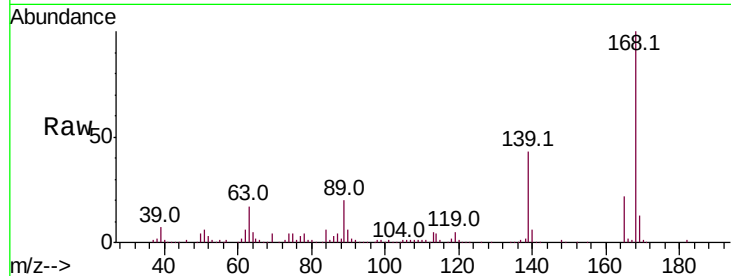
63 75.3 44.8 67.2#

89 89.1 62.2 93.4

182 2.4 2.1 3.1

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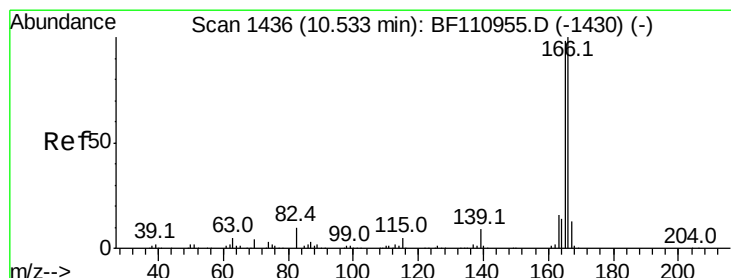
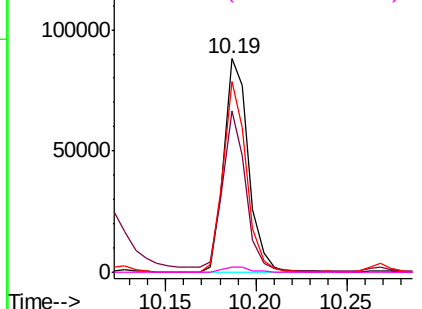


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 46.292 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

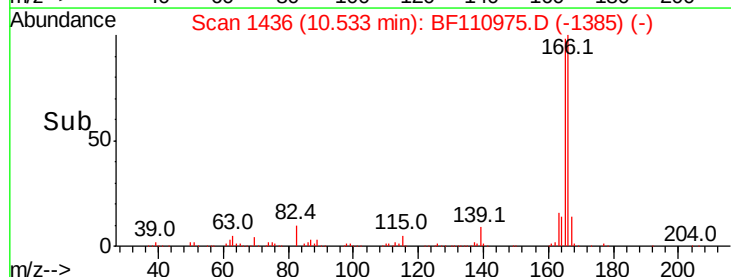
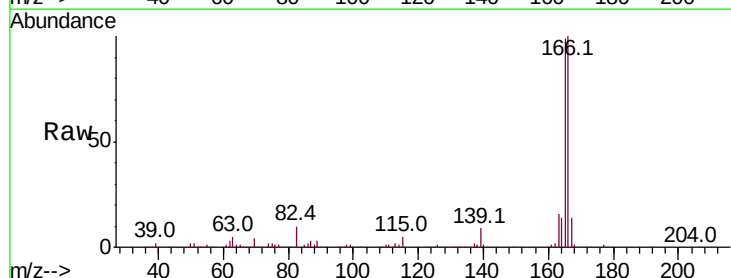
Tgt Ion:166 Resp: 308575

Ion Ratio Lower Upper

166 100

165 98.5 78.6 117.8

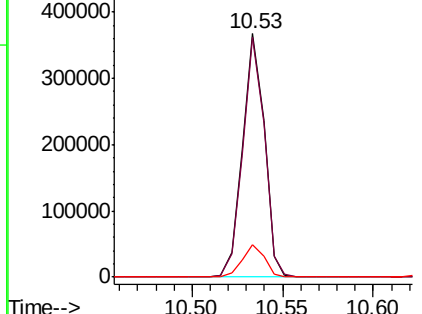
167 13.6 10.8 16.2

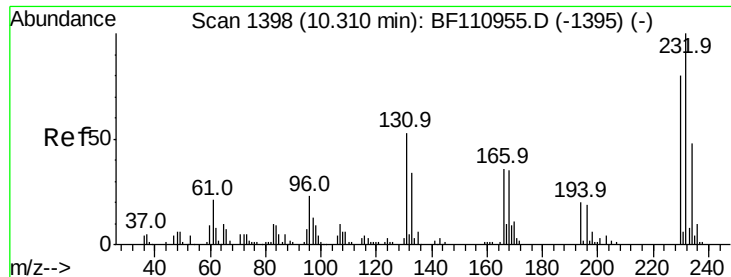


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





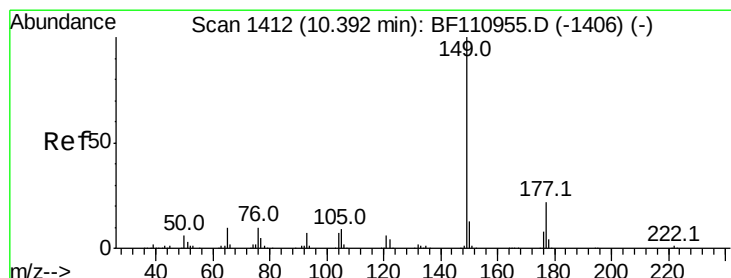
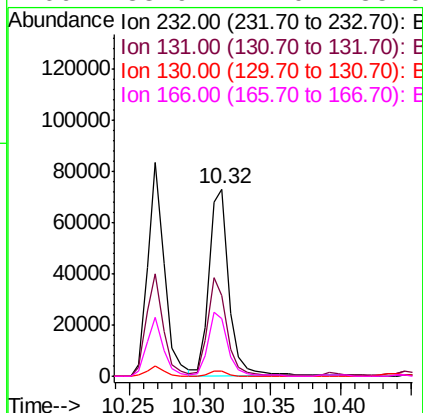
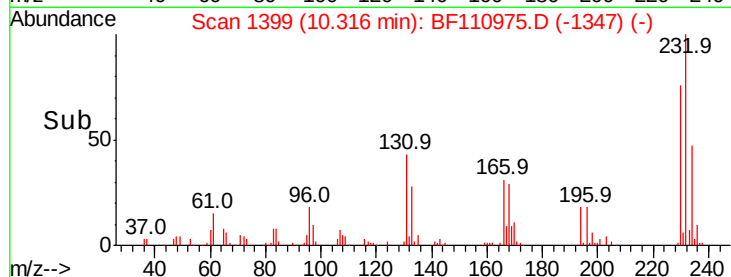
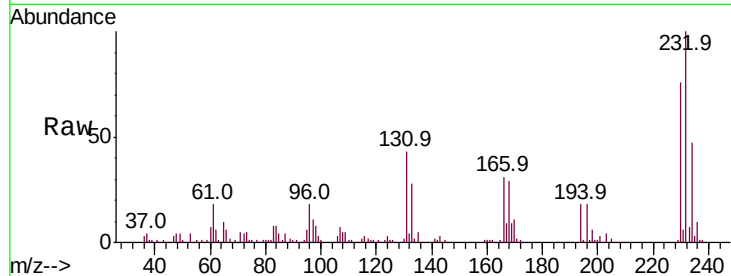
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.729 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF110975.D
 Acq: 26 Nov 2018 20:33

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	50.1	37.0	55.4
130	2.5	1.8	2.6
166	33.9	22.0	33.0#

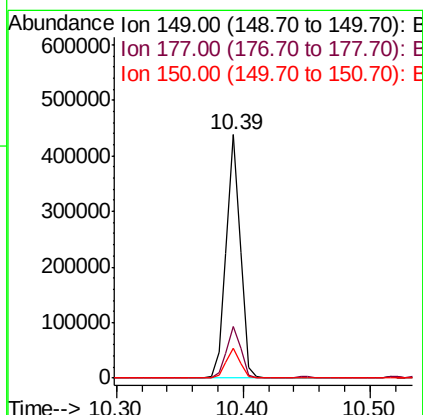
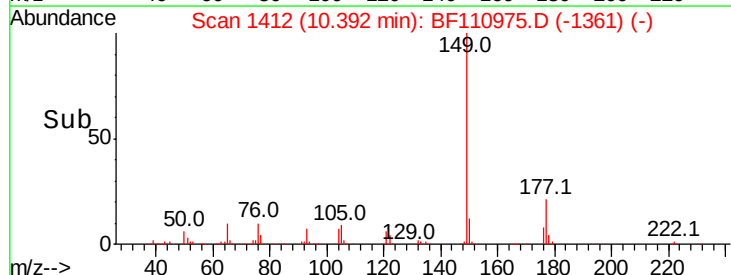
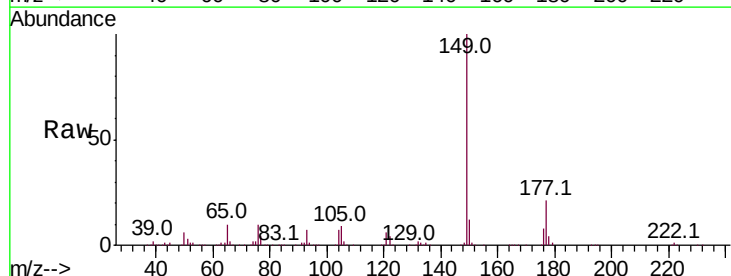
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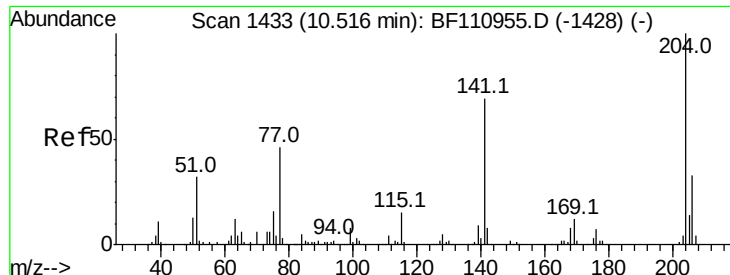
mohammad
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#60
 Diethylphthalate
 Concen: 46.806 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF110975.D
 Acq: 26 Nov 2018 20:33

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.4	26.2
150	12.3	9.8	14.8





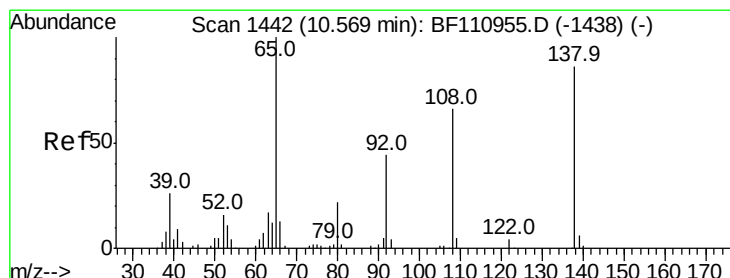
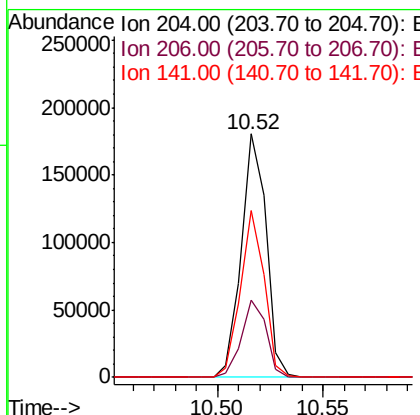
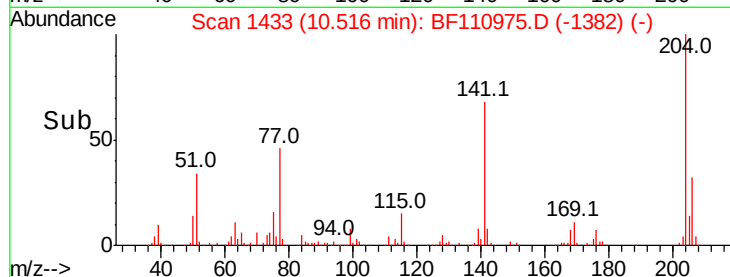
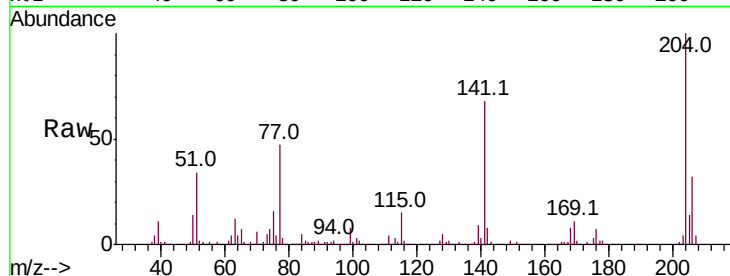
#61
4-Chlorophenyl-phenylether
Concen: 42.053 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.5	39.7
141	68.5	51.8	77.8

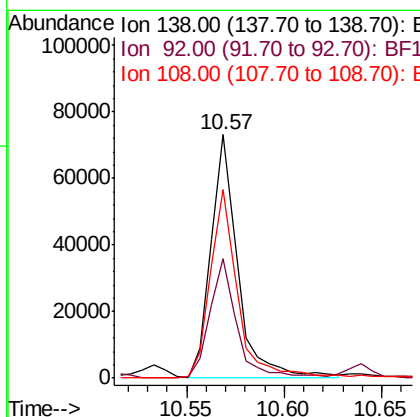
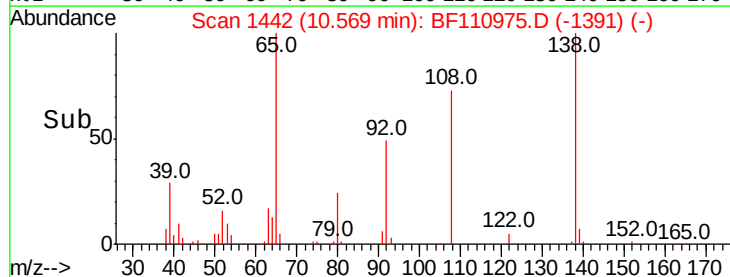
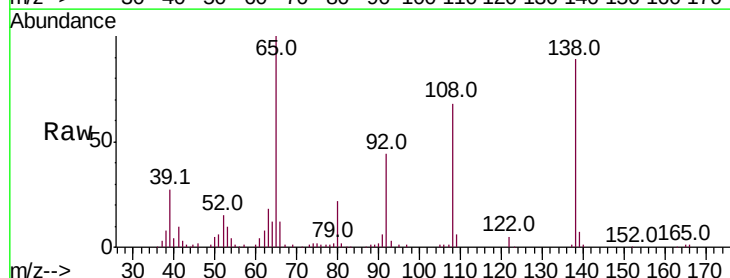
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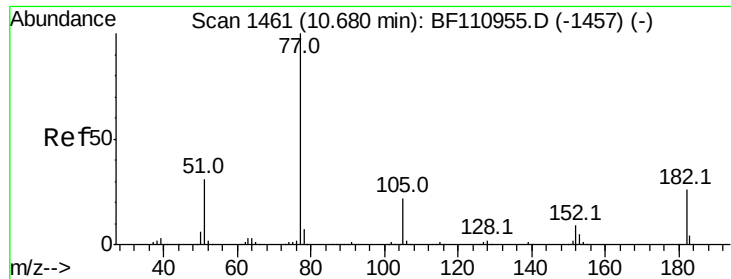
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#62
4-Nitroaniline
Concen: 41.102 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.3	31.7	71.7
108	77.4	59.3	99.3





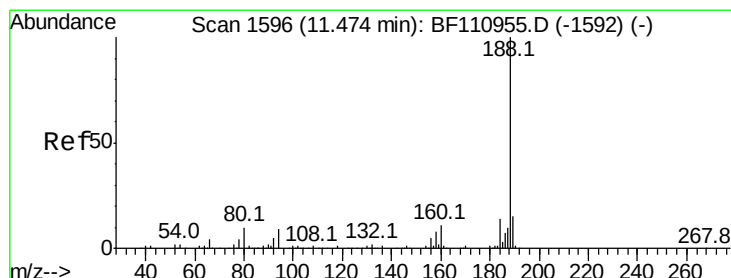
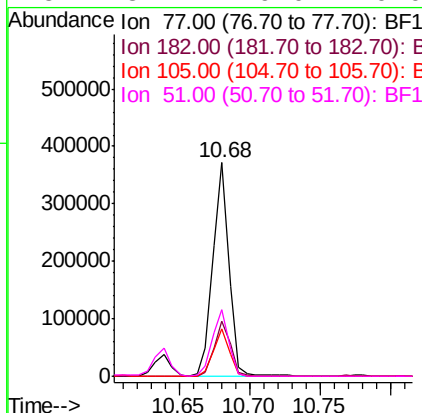
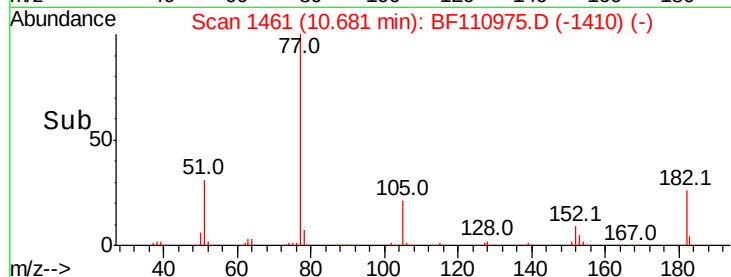
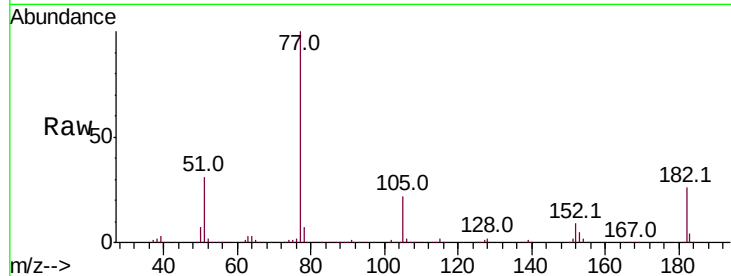
#63
Azobenzene
Concen: 41.375 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	25.6	4.3	44.3	
105	21.9	1.3	41.3	
51	31.2	9.0	49.0	

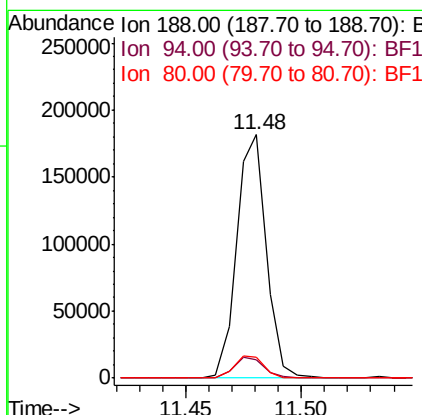
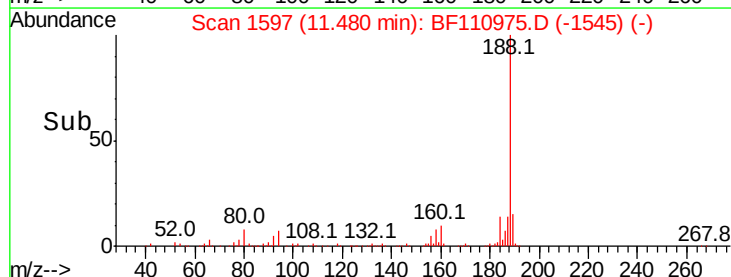
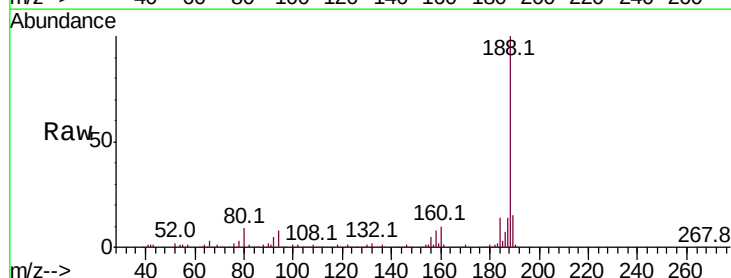
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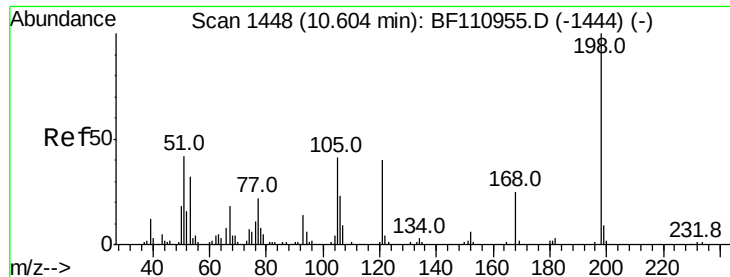
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.6	7.2	10.8	
80	8.6	7.9	11.9	





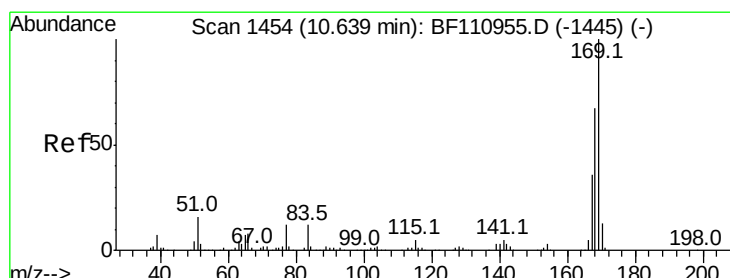
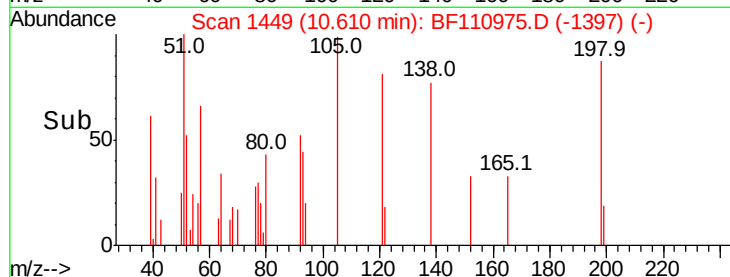
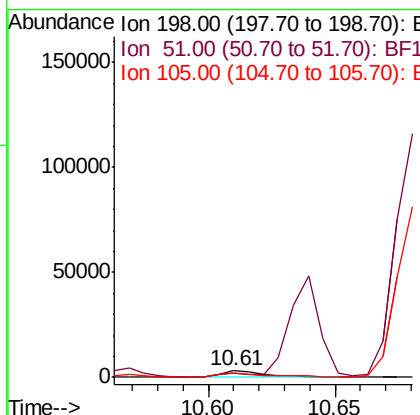
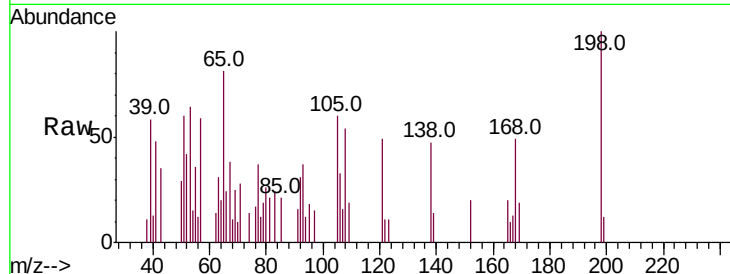
#65
4,6-Dinitro-2-methylphenol
Concen: 4.402 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	60.4	22.8	62.8
105	59.6	23.6	63.6

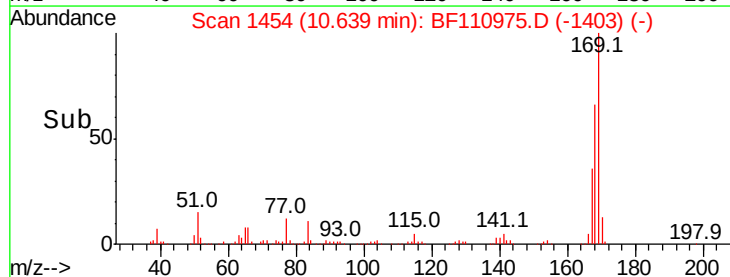
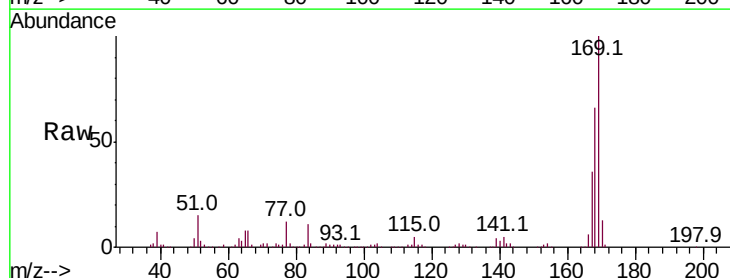
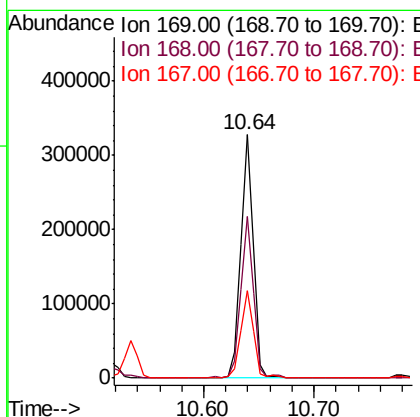
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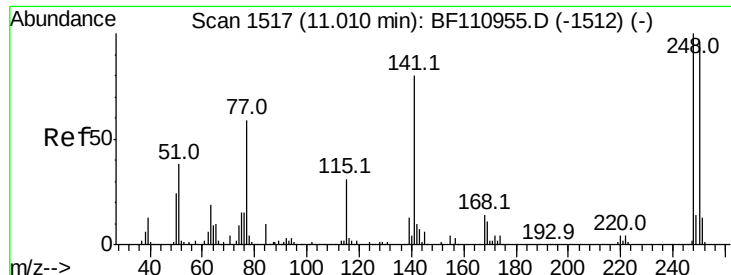
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#66
n-Nitrosodiphenylamine
Concen: 48.734 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.2	51.2	76.8
167	35.8	27.8	41.6





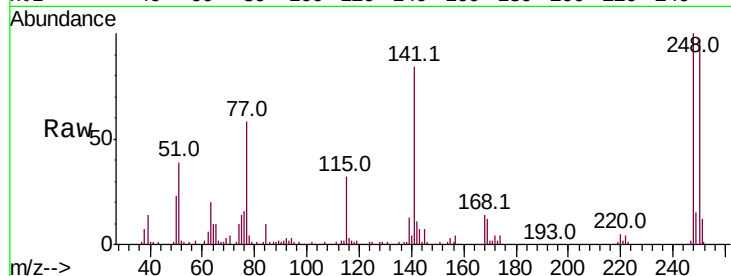
#67
4-Bromophenyl-phenylether
Concen: 46.310 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	79.4	119.2
141	84.0	55.9	83.9#

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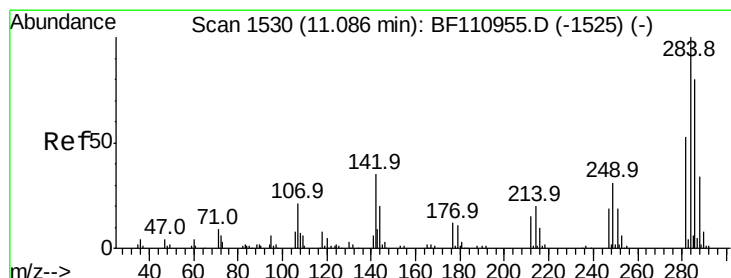
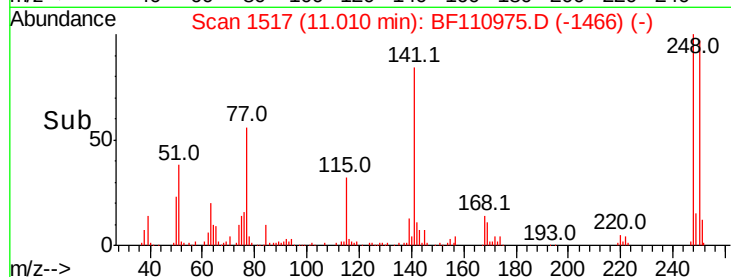
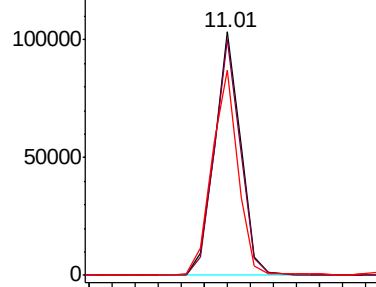


Abundance

Ion 248.00 (247.70 to 248.70): E

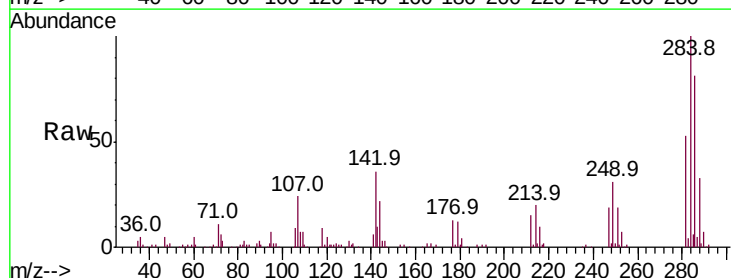
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.177 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.3	23.9	35.9#
249	30.8	24.2	36.2

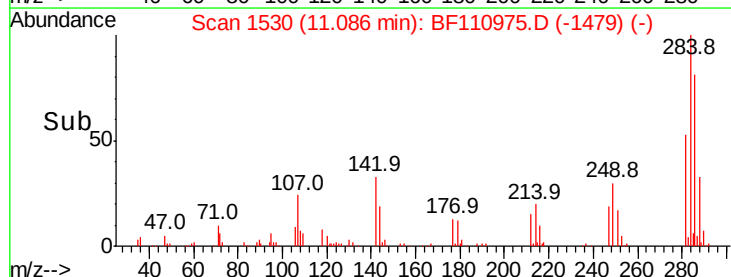
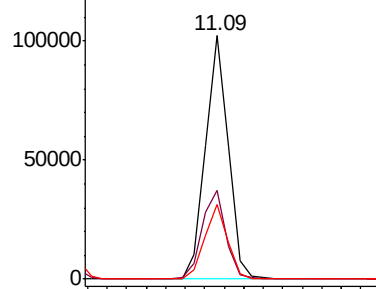


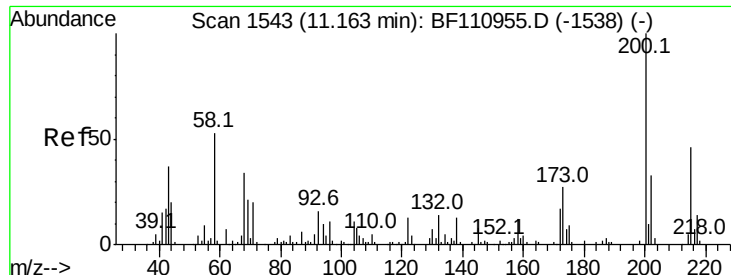
Abundance

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





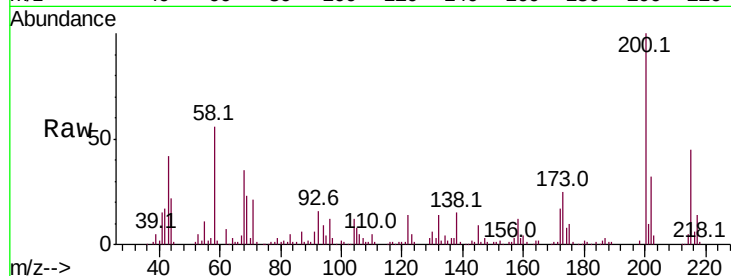
#69
Atrazine
Concen: Below Cal
RT: 11.16 min Scan# 1543
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	6.6	46.6
215	45.4	26.3	66.3

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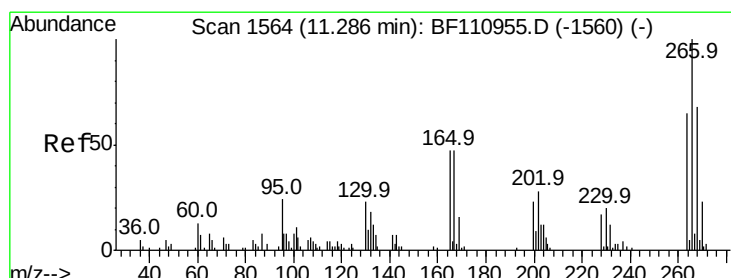
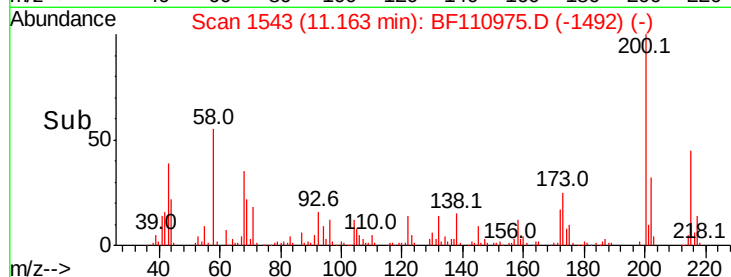
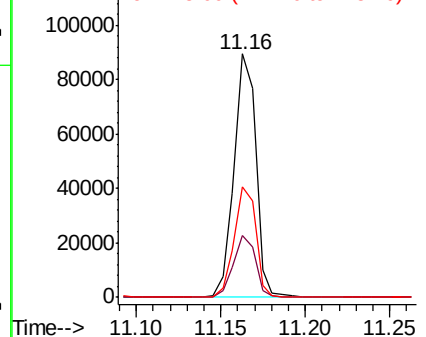


Abundance

Ion 200.00 (199.70 to 200.70): E

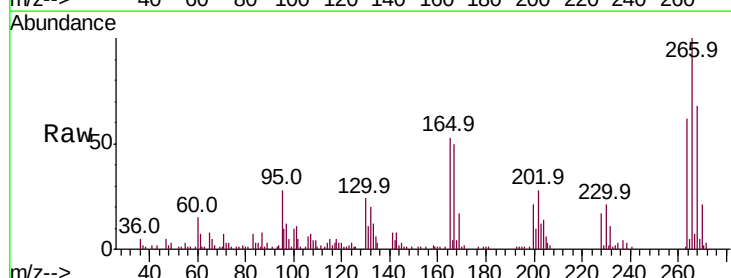
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 95.099 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.4	50.6	75.8
264	62.3	50.6	75.8

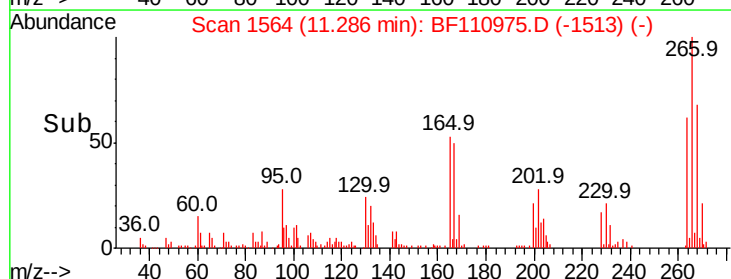
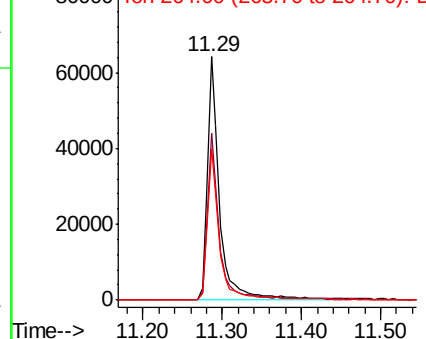


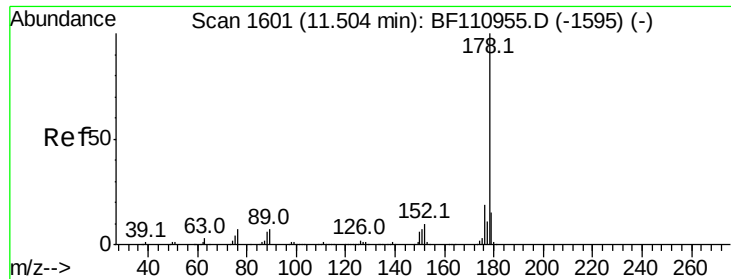
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 54.955 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.00 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Instrument :

BNA_F

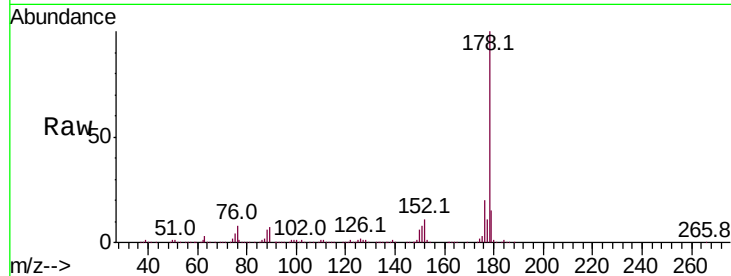
ClientSampleId :

COMP-3MSD

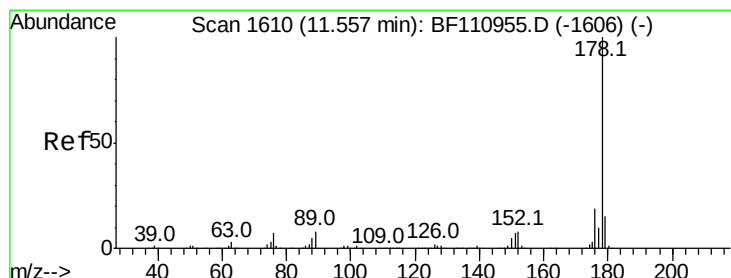
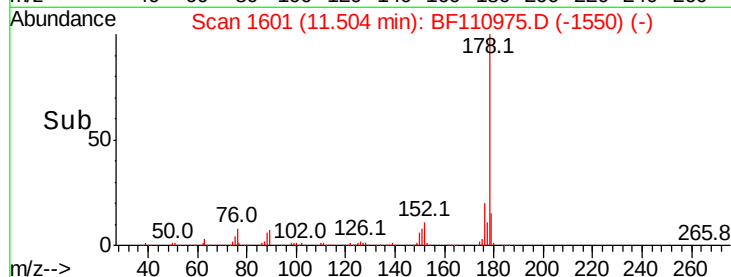
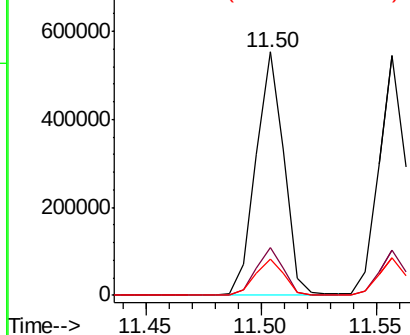
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	15.1	12.5	18.7

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 51.217 ng

RT: 11.56 min Scan# 1610

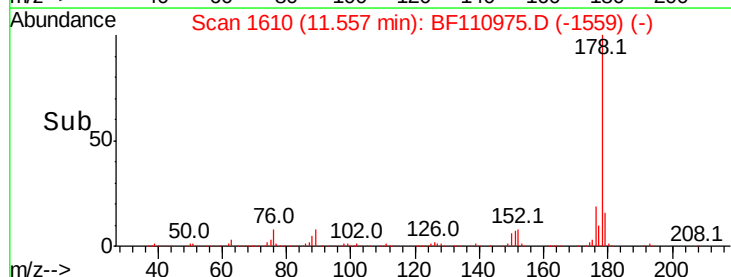
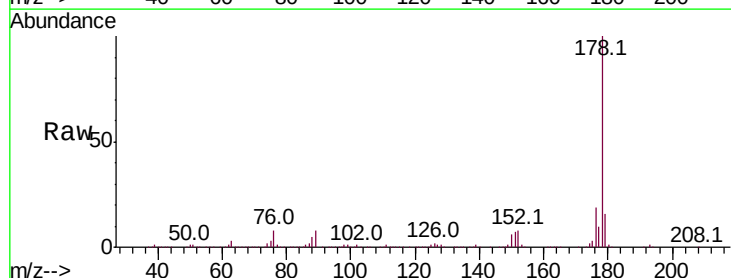
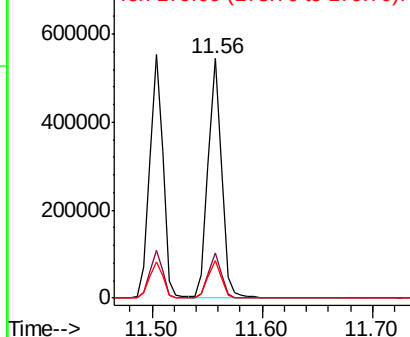
Delta R.T. 0.00 min

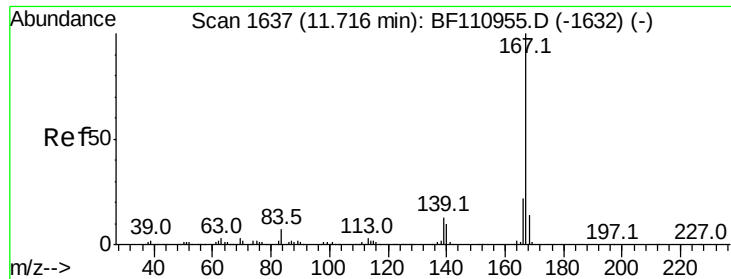
Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.7	12.6	18.8

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





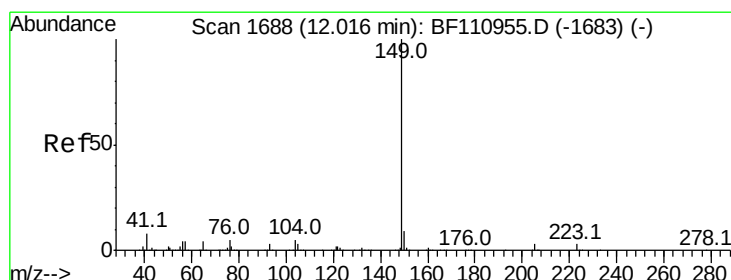
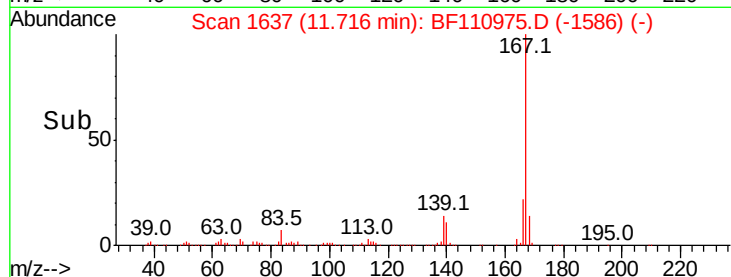
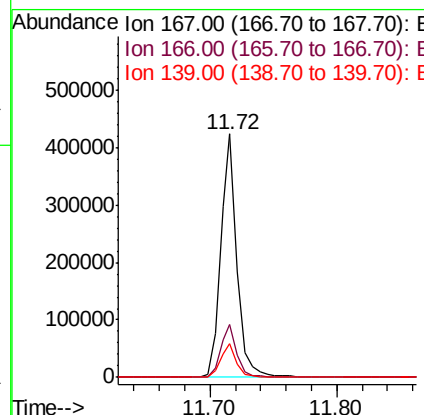
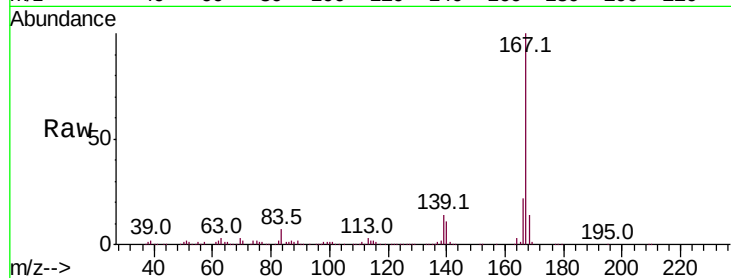
#73
 Carbazole
 Concen: 44.887 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF110975.D
 Acq: 26 Nov 2018 20:33

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	13.6	10.9	16.3

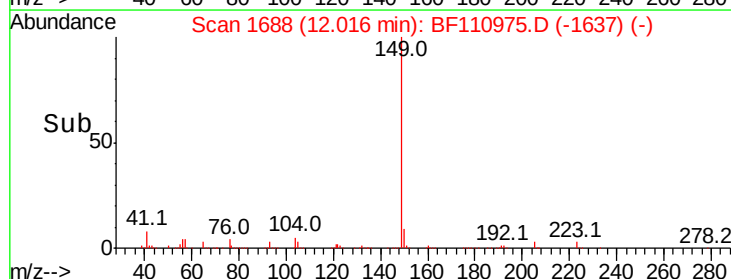
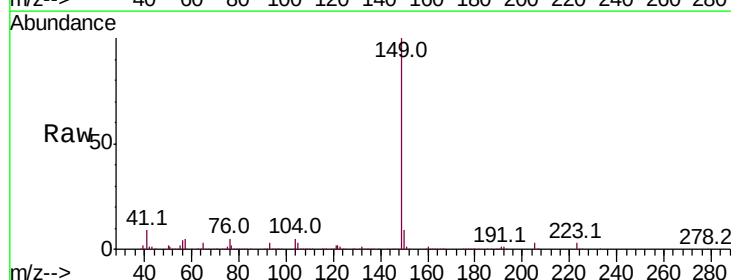
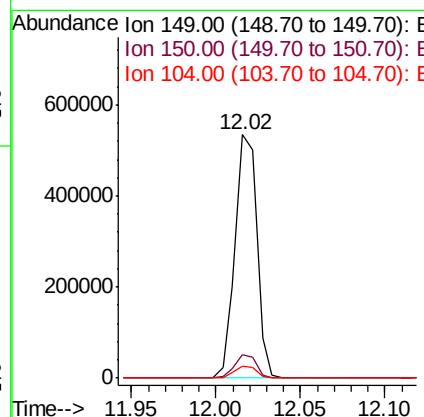
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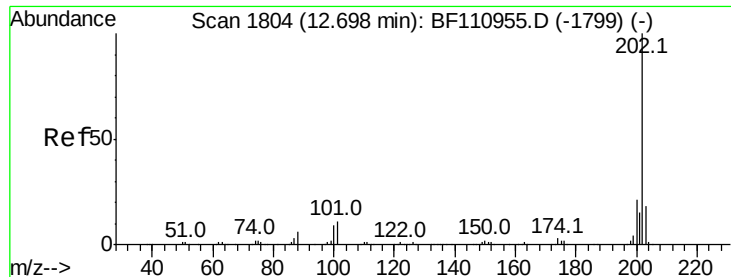
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#74
 Di-n-butylphthalate
 Concen: 48.529 ng
 RT: 12.02 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BF110975.D
 Acq: 26 Nov 2018 20:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.2	4.2	6.4





#75

Fluoranthene

Concen: 61.966 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Instrument :

BNA_F

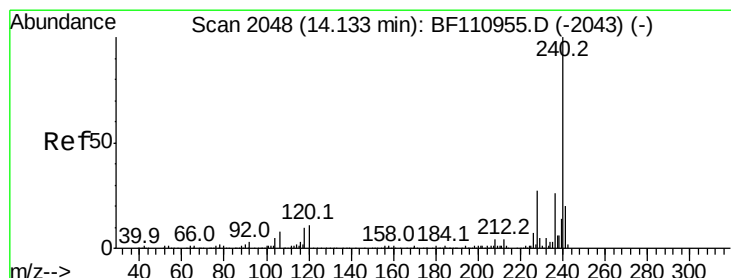
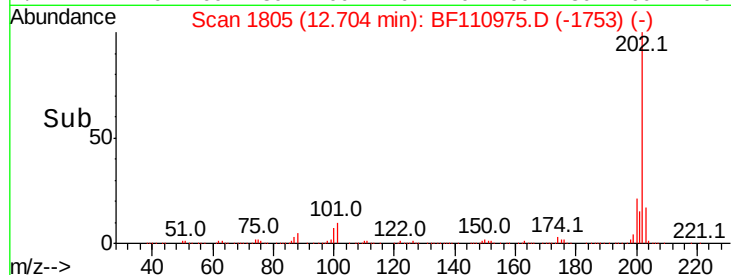
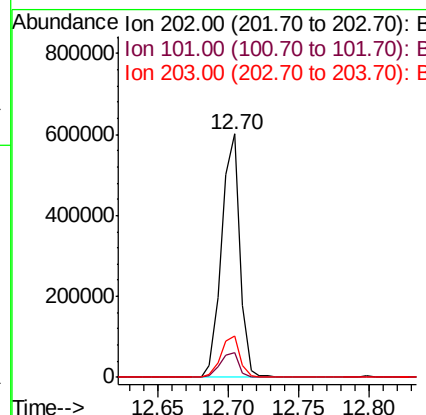
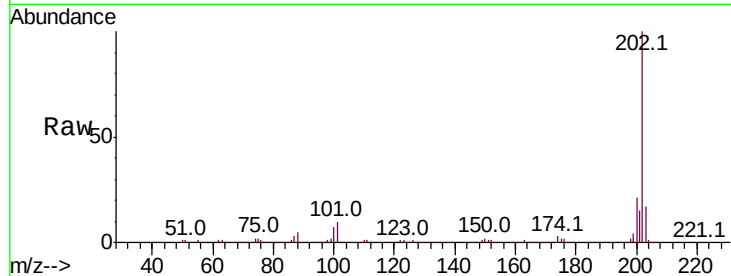
ClientSampleId :

COMP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	546279		
101	10.0		0.0	31.4
203	17.2		0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

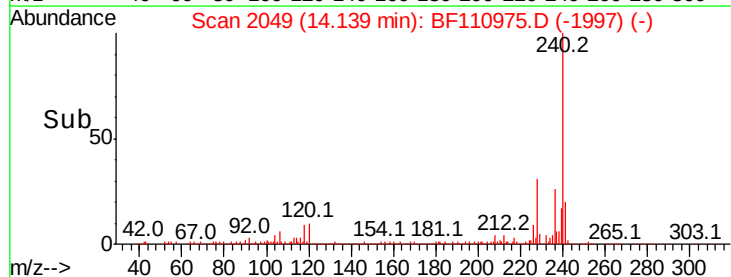
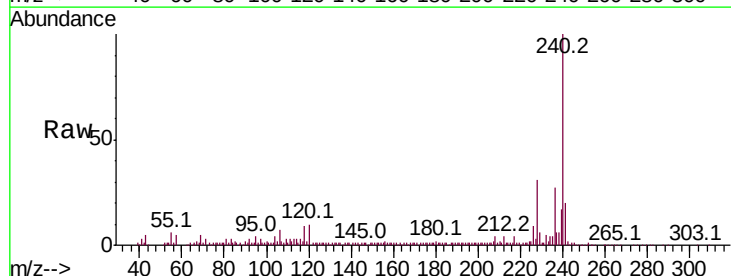
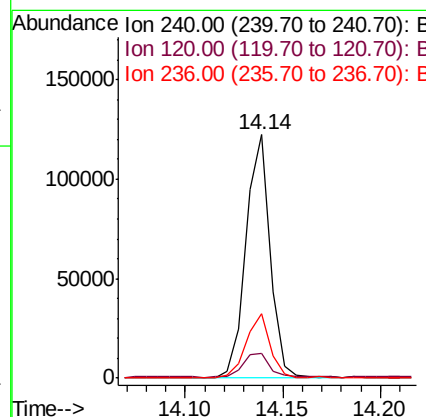
RT: 14.14 min Scan# 2049

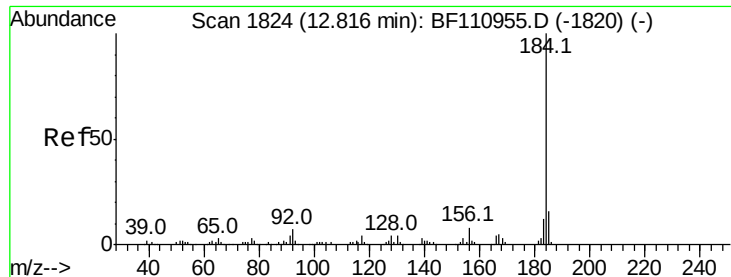
Delta R.T. 0.01 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	105471		
120	10.1		8.3	12.5
236	26.7		21.2	31.8





#77

Benzidine

Concen: 61.513 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Instrument :

BNA_F

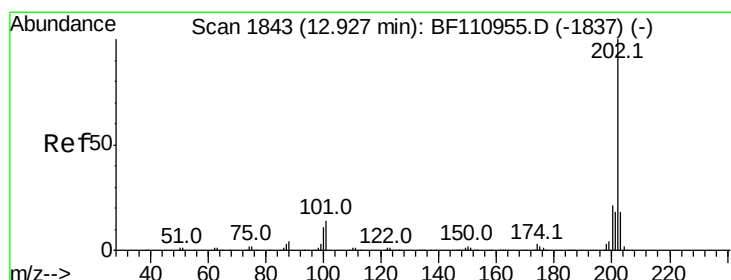
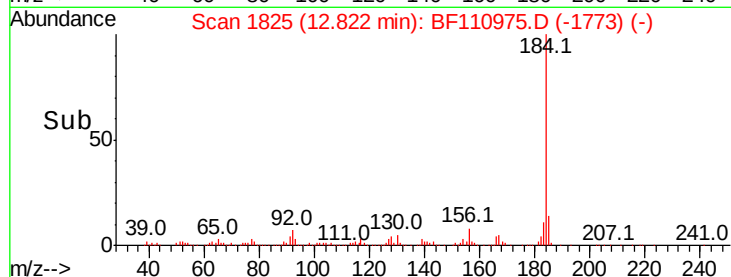
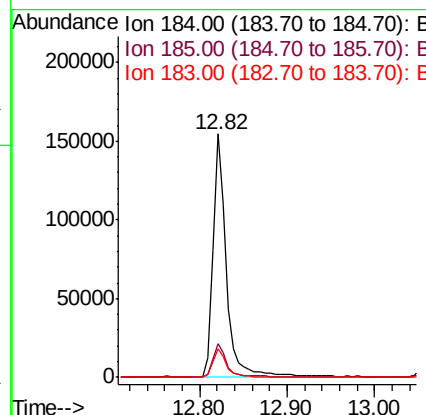
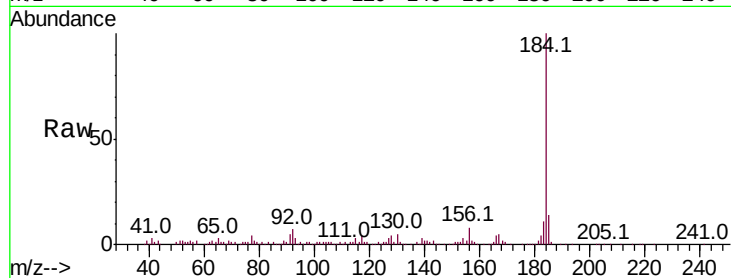
ClientSampleId :

COMP-3MSD

Tot Ion:	184	Resp:	165946
Ion Ratio	Lower	Upper	
184	100		
185	14.0	13.4	20.2
183	11.5	9.4	14.2

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#78

Pyrene

Concen: 69.014 ng

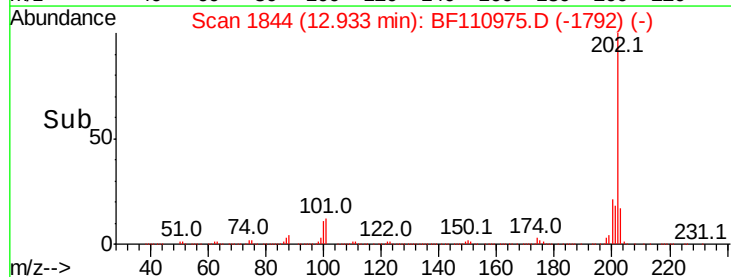
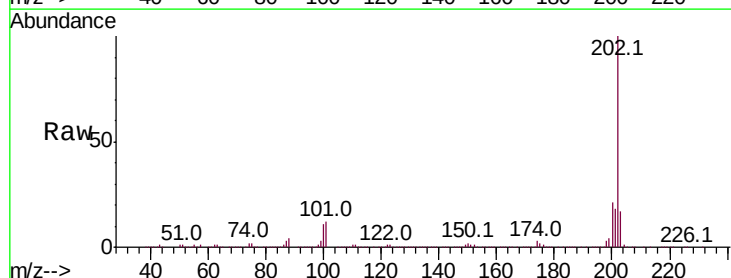
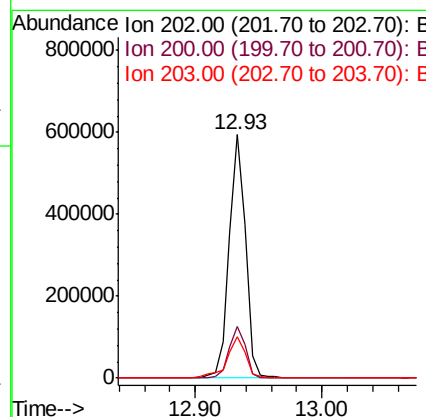
RT: 12.93 min Scan# 1844

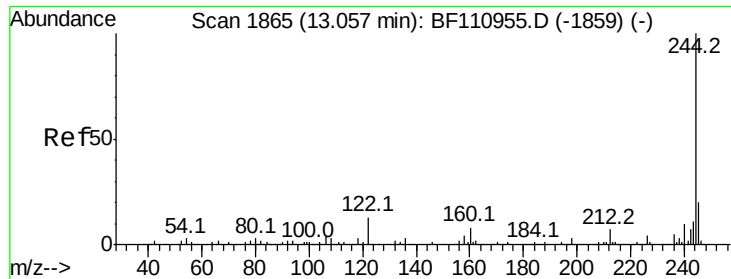
Delta R.T. 0.01 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Tgt Ion:	202	Resp:	531638
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.8	26.6
203	17.1	14.2	21.4





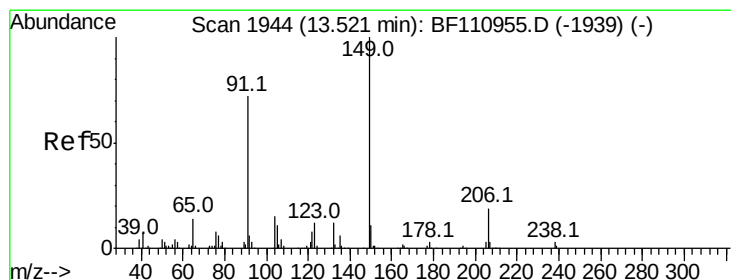
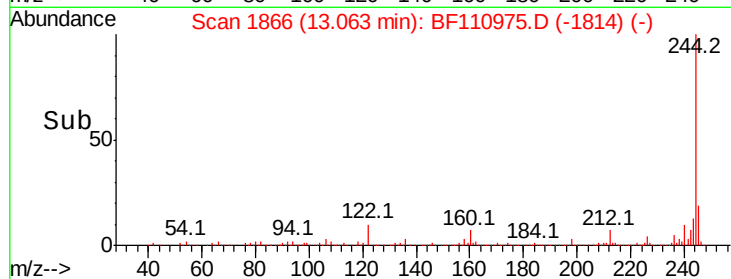
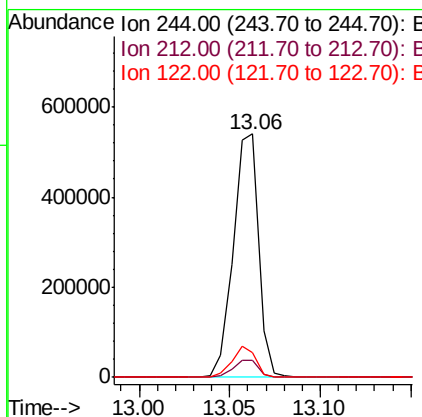
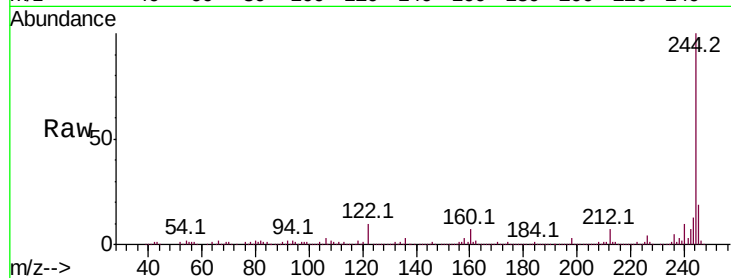
#79
 Terphenyl-d14
 Concen: 96.874 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. 0.01 min
 Lab File: BF110975.D
 Acq: 26 Nov 2018 20:33

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	10.0	8.7	13.1

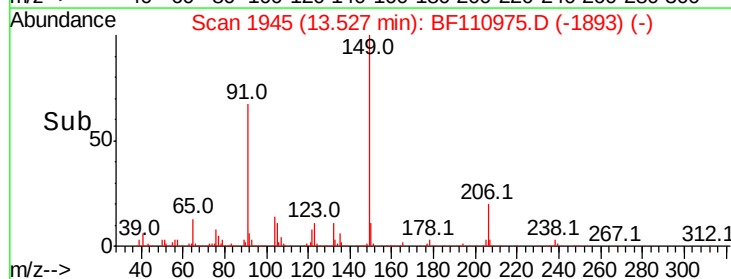
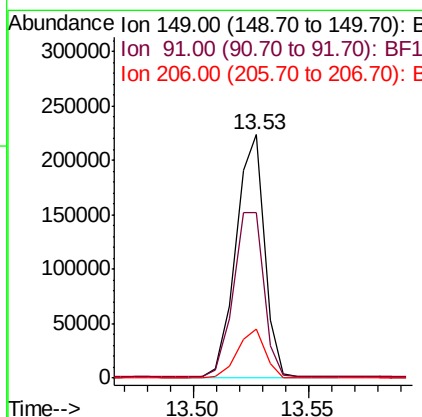
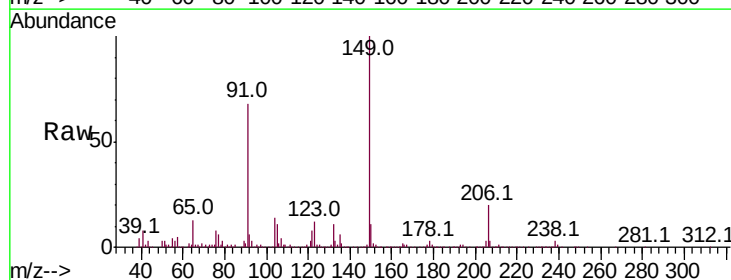
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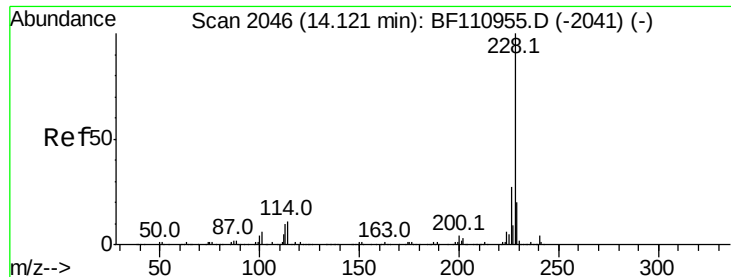
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#80
 Butylbenzylphthalate
 Concen: 55.067 ng
 RT: 13.53 min Scan# 1945
 Delta R.T. 0.01 min
 Lab File: BF110975.D
 Acq: 26 Nov 2018 20:33

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.8	57.2	85.8
206	20.4	15.7	23.5





#81

Benzo(a)anthracene

Concen: 55.950 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.01 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Instrument :

BNA_F

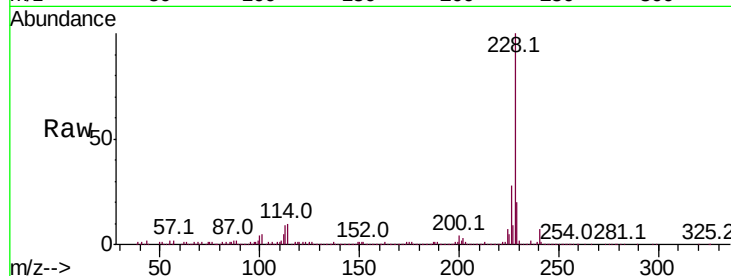
ClientSampleId :

COMP-3MSD

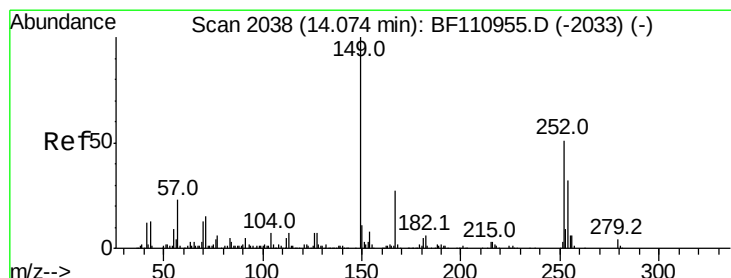
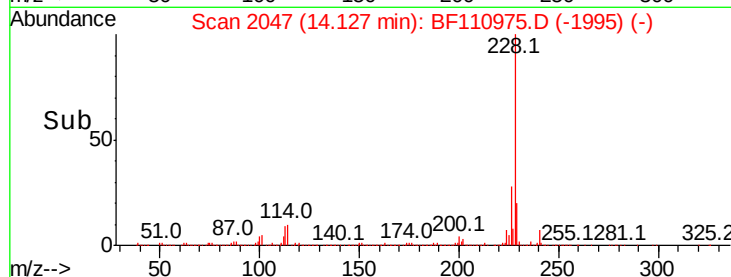
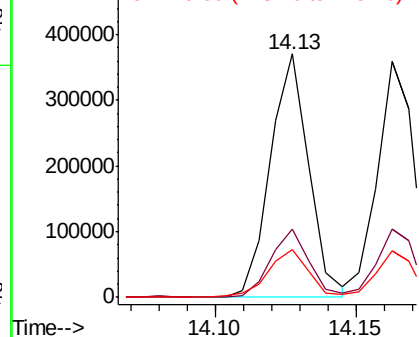
Tot Ion:	228	Resp:	348391
Ion Ratio	Lower	Upper	
228	100		
226	27.9	22.1	33.1
229	19.8	15.6	23.4

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.756 ng

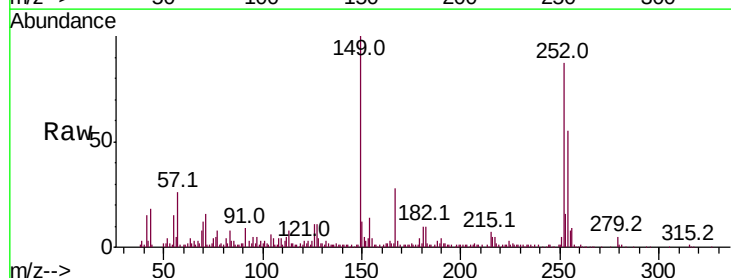
RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

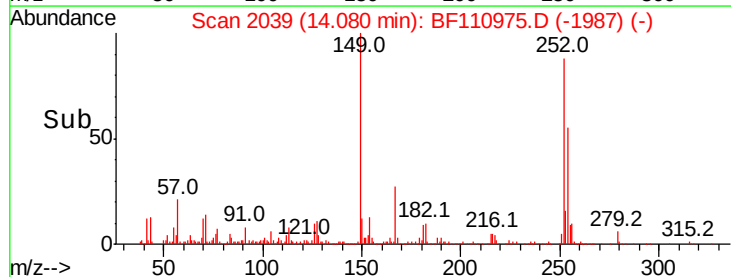
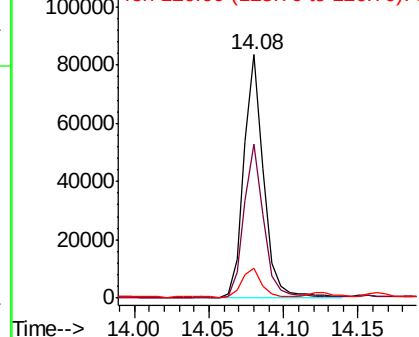
Lab File: BF110975.D

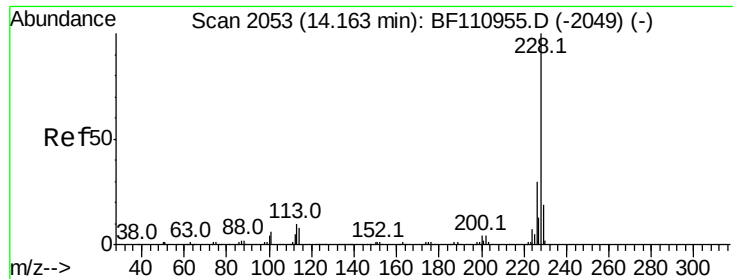
Acq: 26 Nov 2018 20:33

Tgt Ion:	252	Resp:	78479
Ion Ratio	Lower	Upper	
252	100		
254	63.0	51.3	76.9
126	12.3	9.4	14.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





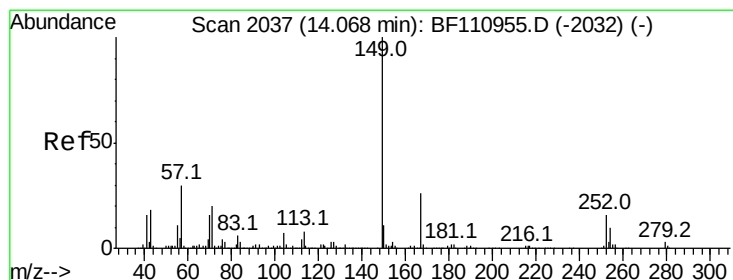
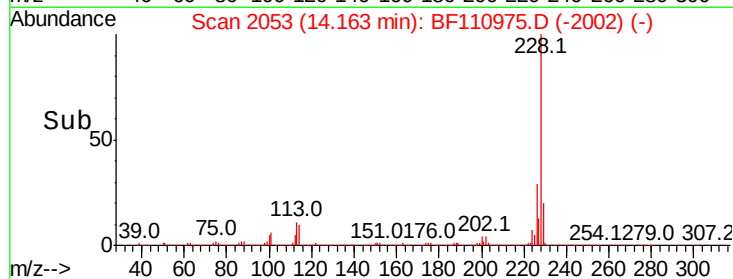
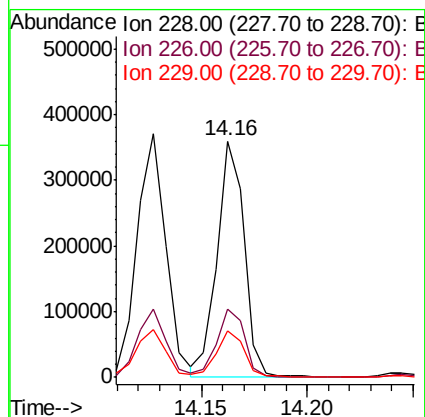
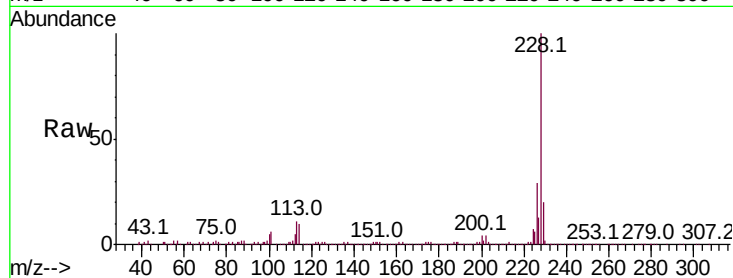
#83
Chrysene
Concen: 52.079 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.7	37.1
229	19.7	15.9	23.9

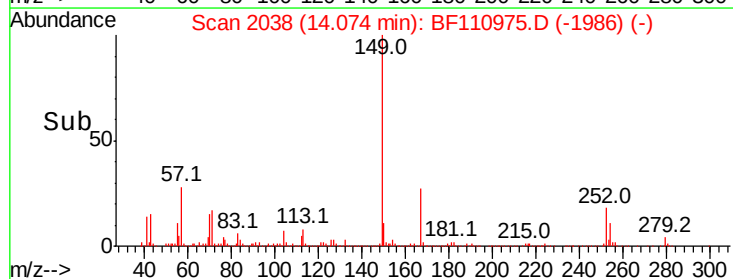
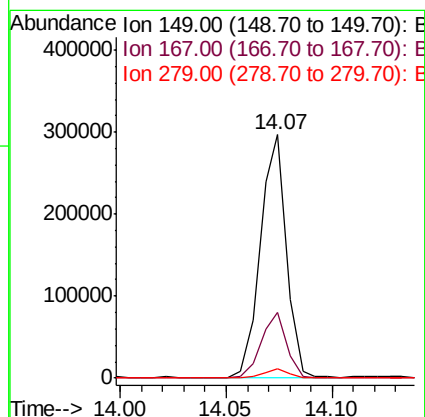
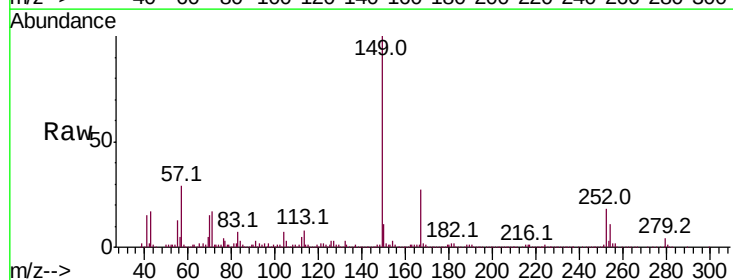
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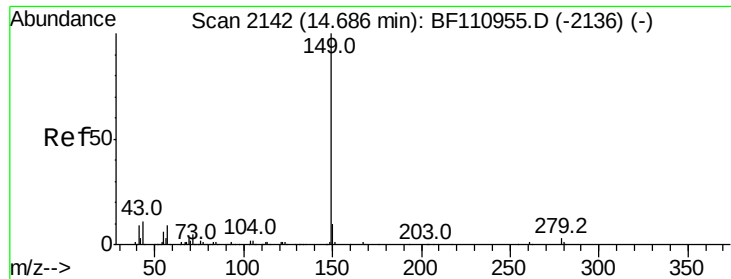
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#84
Bis(2-ethylhexyl)phthalate
Concen: 54.505 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.01 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	19.8	29.8
279	3.9	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 51.324 ng

RT: 14.69 min Scan# 2143

Delta R.T. 0.01 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Instrument :

BNA_F

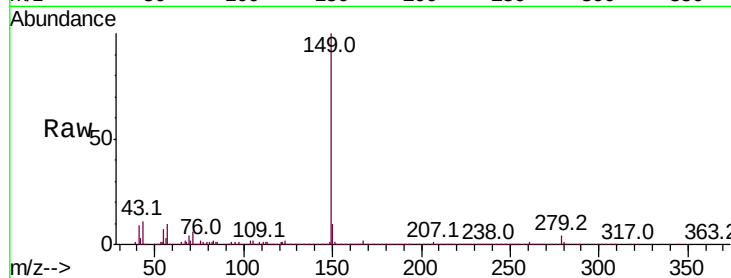
ClientSampleId :

COMP-3MSD

Tot Ion:	149	Resp:	375451
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.1	1.7#
43	10.5	7.8	11.8

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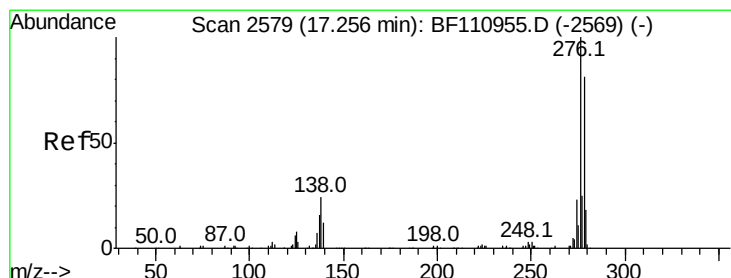
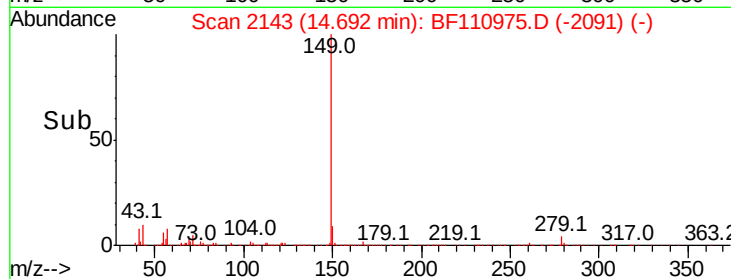
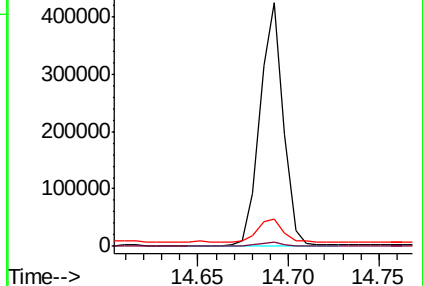
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 56.970 ng

RT: 17.27 min Scan# 2582

Delta R.T. 0.02 min

Lab File: BF110975.D

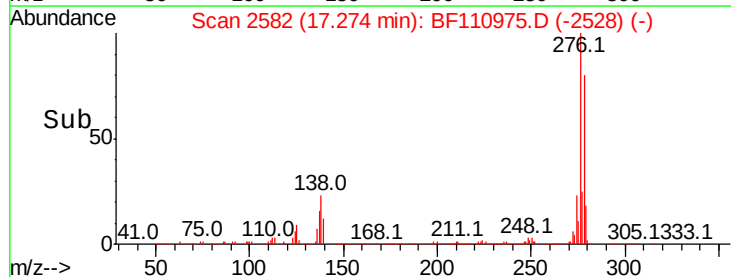
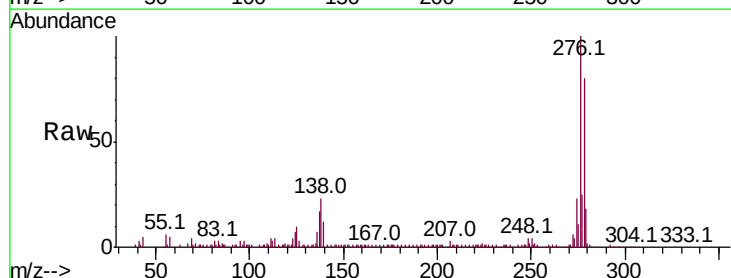
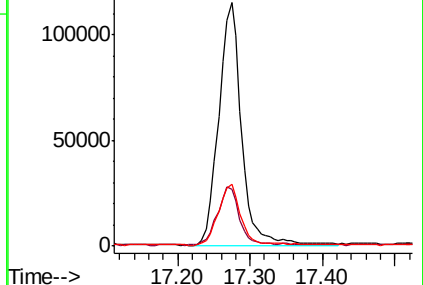
Acq: 26 Nov 2018 20:33

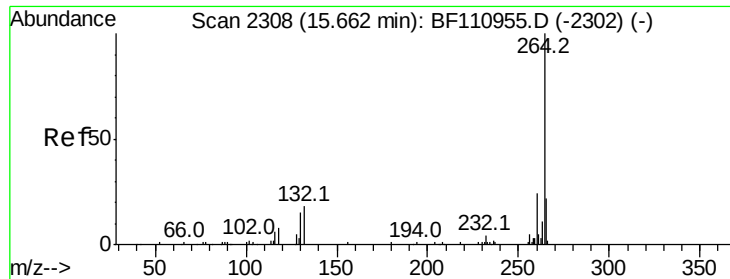
Tgt Ion:	276	Resp:	250668
Ion Ratio	Lower	Upper	
276	100		
138	23.2	18.5	27.7
277	25.1	20.0	30.0

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

Delta R.T. 0.01 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

Tot Ion:264 Resp: 81438

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

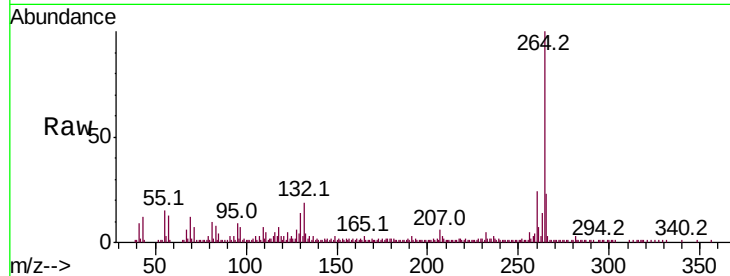
265 23.4 16.7 25.1

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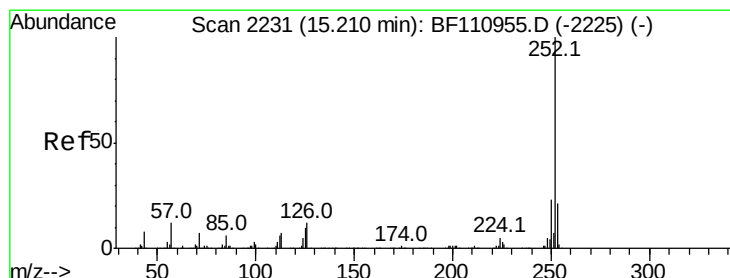
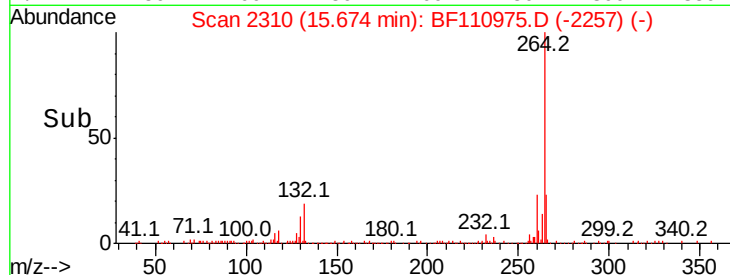
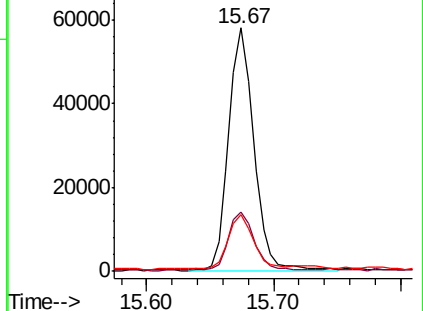
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Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 54.709 ng

RT: 15.22 min Scan# 2232

Delta R.T. 0.01 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

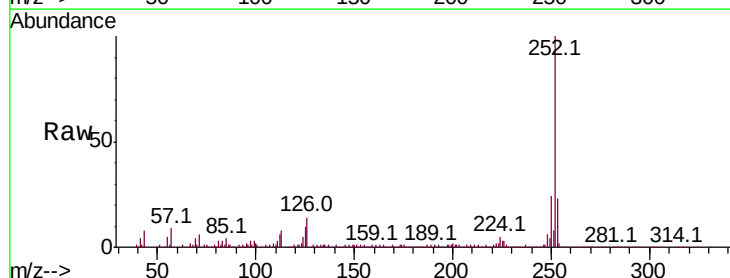
Tgt Ion:252 Resp: 261735

Ion Ratio Lower Upper

252 100

253 23.3 17.2 25.8

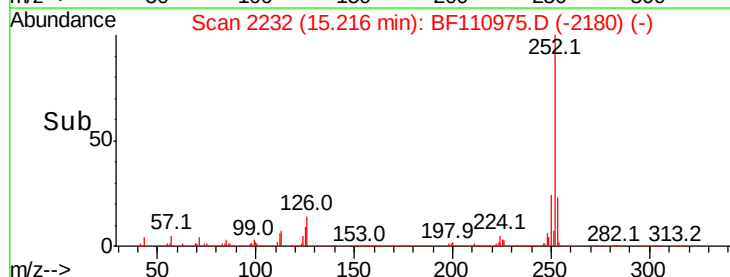
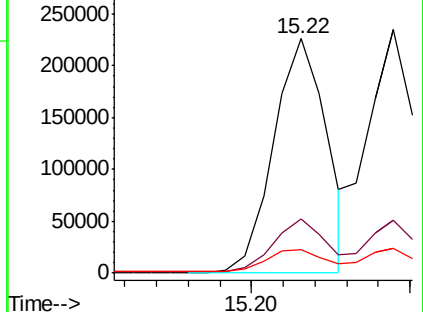
125 10.3 8.2 12.4

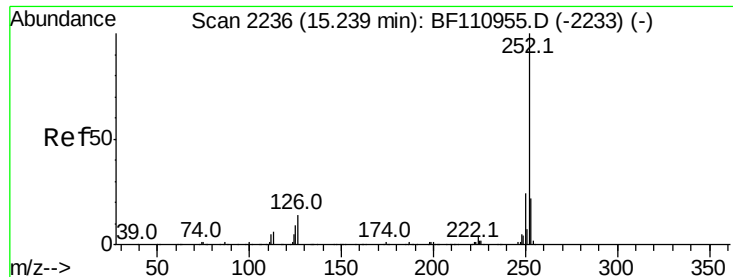


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





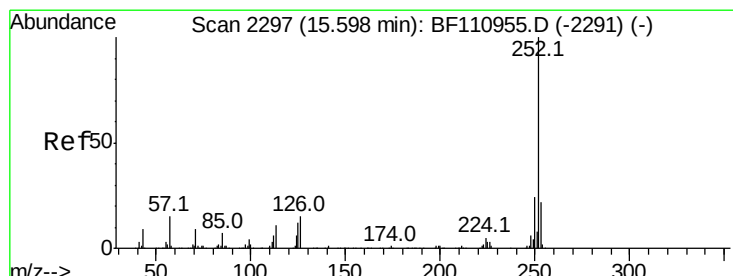
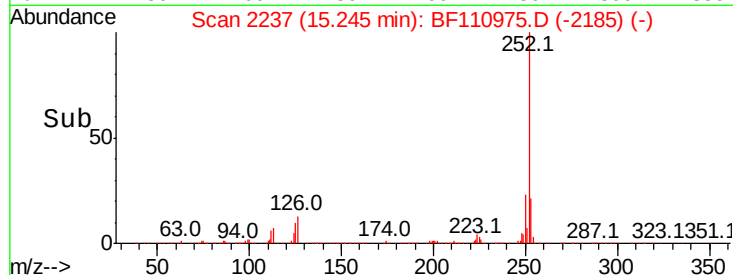
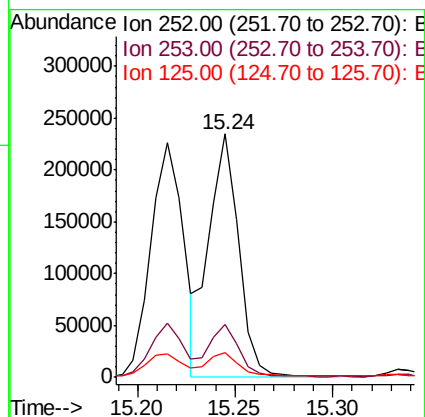
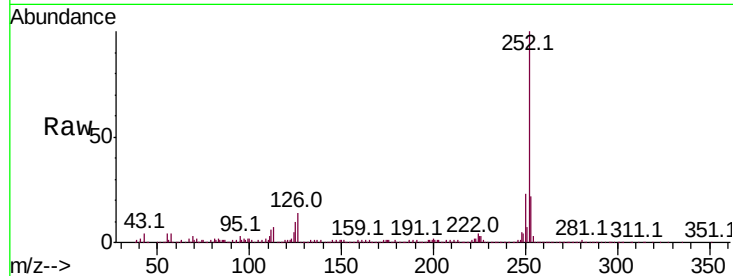
#89
Benzo(k)fluoranthene
Concen: 50.453 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	248443		
253	21.9		17.2	25.8
125	10.3		7.4	11.0

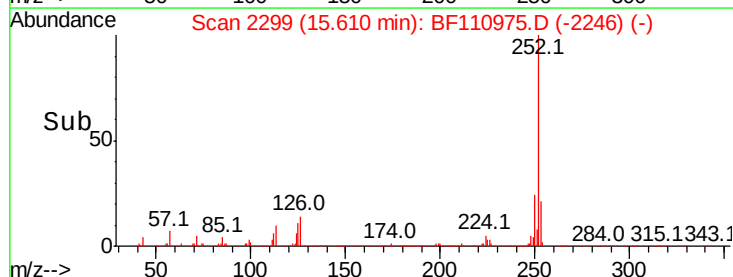
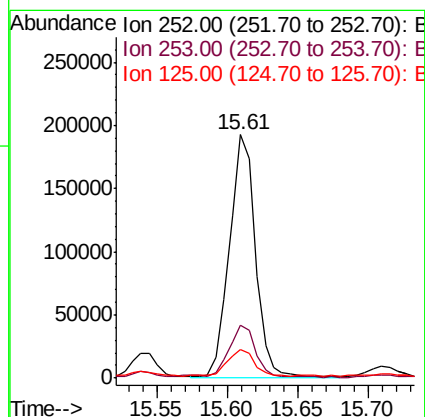
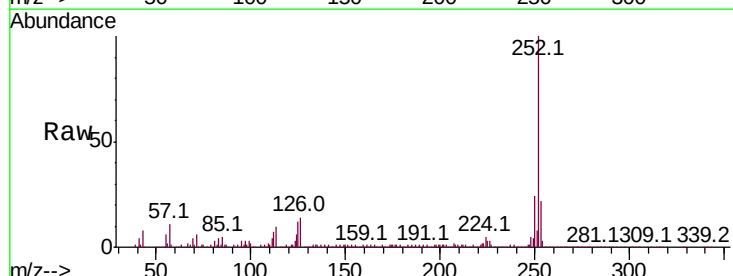
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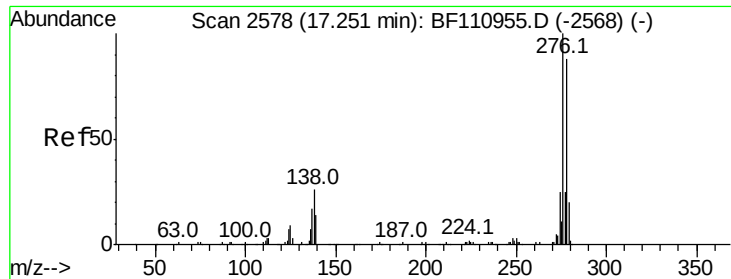
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#90
Benzo(a)pyrene
Concen: 55.354 ng
RT: 15.61 min Scan# 2299
Delta R.T. 0.01 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	246505		
253	21.7		18.2	27.4
125	12.0		9.0	13.6





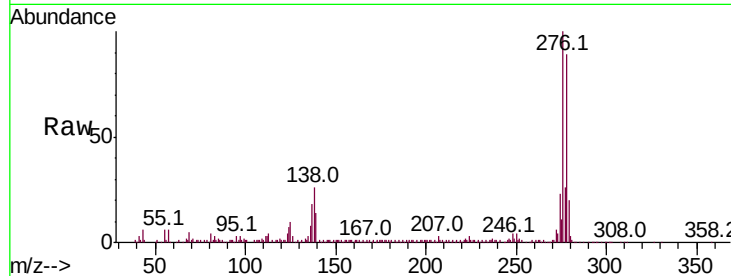
#91
Dibenzo(a,h)anthracene
Concen: 52.287 ng
RT: 17.27 min Scan# 2581
Delta R.T. 0.02 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.7	19.1
279	22.2	19.0	28.4

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mohammad
11/27/2018 11:47:54 AM

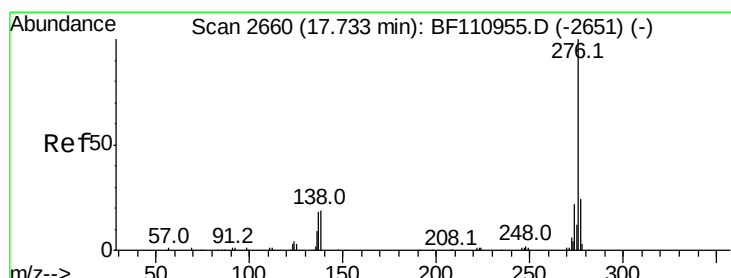
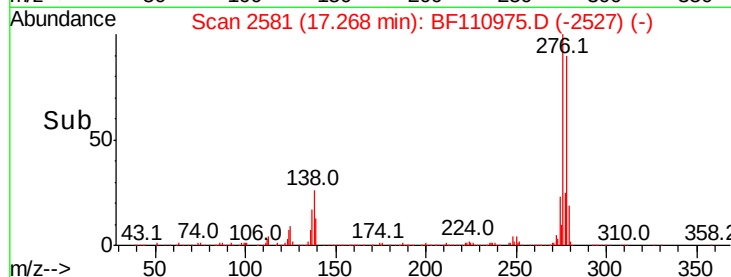
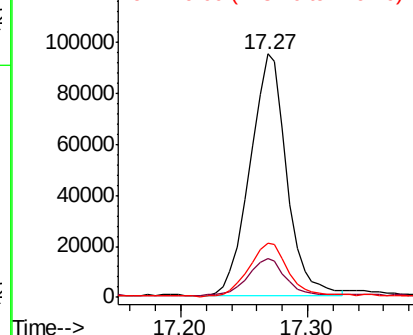


Abundance

Ion 278.00 (277.70 to 278.70): E

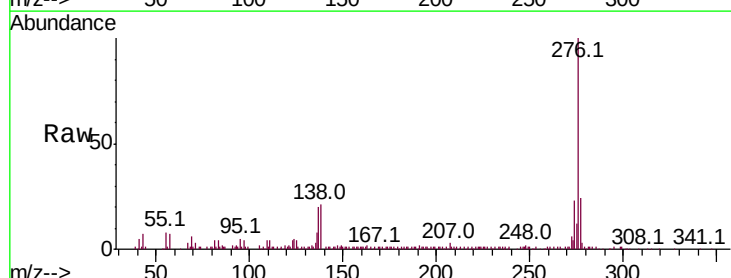
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 57.218 ng
RT: 17.76 min Scan# 2664
Delta R.T. 0.02 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	21.1	16.0	24.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

