

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
 Data File : BF109885.D
 Acq On : 15 Oct 2018 18:03
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101518

Manual Integrations
 APPROVED

Sohil
 10/16/2018 9:57:26 AM

Quant Time: Oct 15 18:30:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 15 18:09:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	231001	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	956878	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	434498	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	811138	20.00	ng	0.00
76) Chrysene-d12	14.15	240	552034	20.00	ng	0.00
87) Perylene-d12	15.67	264	420457	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	1146510	78.67	ng	0.00
7) Phenol-d6	6.59	99	1437871	79.46	ng	0.00
23) Nitrobenzene-d5	7.55	82	1231386	86.69	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	325098	86.42	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	2143682	78.72	ng	0.00
79) Terphenyl-d14	13.09	244	2062359	78.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	330566	39.938	ng	92
3) Pyridine	3.60	79	746328	40.445	ng	87
4) n-Nitrosodimethylamine	3.56	42	302347	40.165	ng	# 98
6) Aniline	6.65	93	963043	39.491	ng	# 53
8) 2-Chlorophenol	6.76	128	655733	40.170	ng	99
9) Benzaldehyde	6.53	77	467484	39.754	ng	97
10) Phenol	6.60	94	773313	39.581	ng	# 63
11) bis(2-Chloroethyl)ether	6.71	93	645736	39.529	ng	92
12) 1,3-Dichlorobenzene	6.92	146	715466	39.971	ng	96
13) 1,4-Dichlorobenzene	7.00	146	716733	39.759	ng	98
14) 1,2-Dichlorobenzene	7.15	146	669798	40.349	ng	99
15) Benzyl Alcohol	7.12	79	559538	40.192	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1064386	39.697	ng	67
17) 2-Methylphenol	7.22	107	526168	39.973	ng	# 80
18) Hexachloroethane	7.49	117	261725	41.084	ng	94
19) n-Nitroso-di-n-propylamine	7.39	70	452285	38.927	ng	96
20) 3+4-Methylphenols	7.37	107	664862	39.803	ng	# 86
22) Acetophenone	7.39	105	857395	38.637	ng	97
24) Nitrobenzene	7.56	77	662231	42.916	ng	93
25) Isophorone	7.80	82	1091973	39.124	ng	96
26) 2-Nitrophenol	7.87	139	287309	44.906	ng	92
27) 2,4-Dimethylphenol	7.90	122	534600	39.766	ng	96
28) bis(2-Chloroethoxy)methane	8.00	93	743360	38.808	ng	99
29) 2,4-Dichlorophenol	8.11	162	526599	40.379	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	586188	40.143	ng	95
31) Naphthalene	8.29	128	1714915	39.083	ng	99
32) Benzoic acid	8.01	122	342187m	40.852	ng	
33) 4-Chloroaniline	8.33	127	762139	38.639	ng	99
34) Hexachlorobutadiene	8.40	225	319535	39.683	ng	99
35) Caprolactam	8.70	113	185386	40.026	ng	# 85
36) 4-Chloro-3-methylphenol	8.80	107	544986	39.612	ng	92
37) 2-Methylnaphthalene	8.97	142	1118848	39.378	ng	98
38) 1-Methylnaphthalene	9.07	142	1073418	38.988	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	536086	40.057	ng	98

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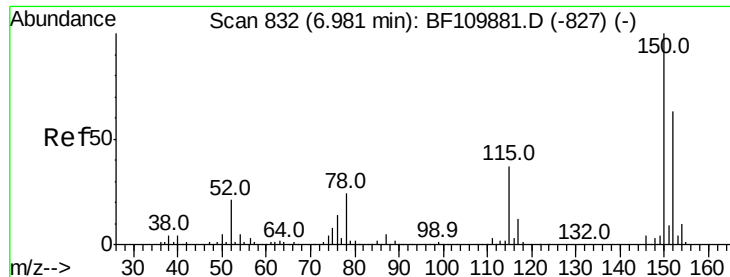
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	273018	42.267	nq	99
43) 2,4,6-Trichlorophenol	9.25	196	354542	42.367	nq	96
44) 2,4,5-Trichlorophenol	9.28	196	365844	42.123	nq	95
46) 1,1'-Biphenyl	9.44	154	1536108	39.680	nq	98
47) 2-Chloronaphthalene	9.47	162	1146506	40.207	nq	97
48) 2-Nitroaniline	9.56	65	332233	45.400	nq	97
49) Acenaphthylene	9.89	152	1655415	39.962	nq	98
50) Dimethylphthalate	9.73	163	1238069	40.241	nq	99
51) 2,6-Dinitrotoluene	9.80	165	267552	45.786	nq	99
52) Acenaphthene	10.06	154	1064408	40.359	nq	98
53) 3-Nitroaniline	9.97	138	317924	44.725	nq	95
54) 2,4-Dinitrophenol	10.07	184	70686	42.652	nq	97
55) Dibenzofuran	10.23	168	1509306	40.128	nq	97
56) 4-Nitrophenol	10.11	139	241548	44.534	nq	93
57) 2,4-Dinitrotoluene	10.20	165	325619	44.483	nq	95
58) Fluorene	10.57	166	1089645	39.798	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.34	232	293050	42.574	nq	94
60) Diethylphthalate	10.43	149	1226691	40.369	nq	99
61) 4-Chlorophenyl-phenylether	10.56	204	570483	39.999	nq	98
62) 4-Nitroaniline	10.59	138	293339	43.594	nq	91
63) Azobenzene	10.72	77	1251449	39.422	nq	95
65) 4,6-Dinitro-2-methylphenol	10.60	198	122634	42.765	nq	80
66) n-Nitrosodiphenylamine	10.68	169	1057660	39.150	nq	96
67) 4-Bromophenyl-phenylether	11.05	248	348708	39.668	nq	93
68) Hexachlorobenzene	11.12	284	373696	39.865	nq	# 94
69) Atrazine	11.20	200	331219	39.250	nq	98
70) Pentachlorophenol	11.30	266	236868	44.400	nq	98
71) Phenanthrene	11.53	178	1629596	38.806	nq	98
72) Anthracene	11.59	178	1655952	39.223	nq	100
73) Carbazole	11.74	167	1605866	38.703	nq	99
74) Di-n-butylphthalate	12.06	149	1812400	39.140	nq	99
75) Fluoranthene	12.73	202	1630615	38.870	nq	100
77) Benzidine	12.84	184	728217	34.405	nq	97
78) Pyrene	12.96	202	1652491	40.757	nq	100
80) Butylbenzylphthalate	13.56	149	691966	42.214	nq	98
81) Benzo(a)anthracene	14.14	228	1282873	39.453	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	464687	40.764	nq	99
83) Chrysene	14.18	228	1215603	39.276	nq	99
84) Bis(2-ethylhexyl)phthalate	14.12	149	891204	41.318	nq	96
85) Di-n-octyl phthalate	14.74	149	1262177	41.507	nq	97
86) Indeno(1,2,3-cd)pyrene	17.22	276	980122	39.331	nq	# 94
88) Benzo(b)fluoranthene	15.22	252	1009437	41.643	nq	97
89) Benzo(k)fluoranthene	15.24	252	924303	38.686	nq	# 95
90) Benzo(a)pyrene	15.60	252	887419	39.805	nq	# 97
91) Dibenzo(a,h)anthracene	17.24	278	806858	40.838	nq	97
92) Benzo(g,h,i)perylene	17.70	276	826480	41.402	nq	# 94

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



#1

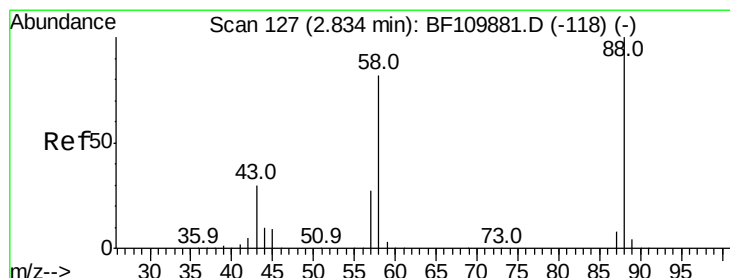
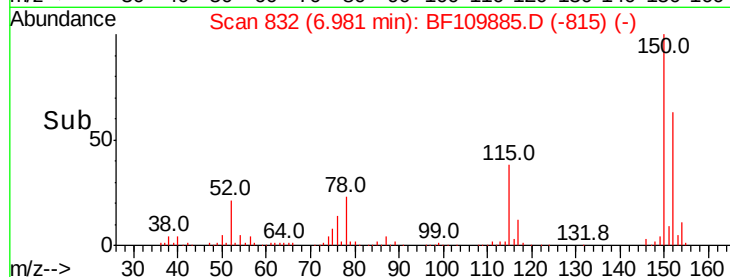
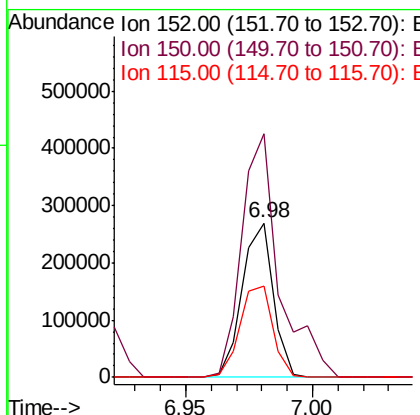
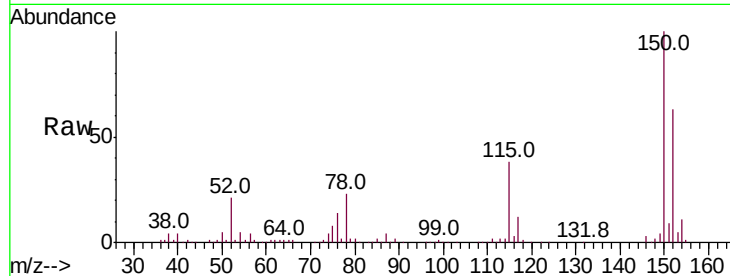
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Instrument :
BNA_F
ClientSampleId :
ICVBF101518

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	122.7	184.1
115	59.2	49.1	73.7

Manual Integrations
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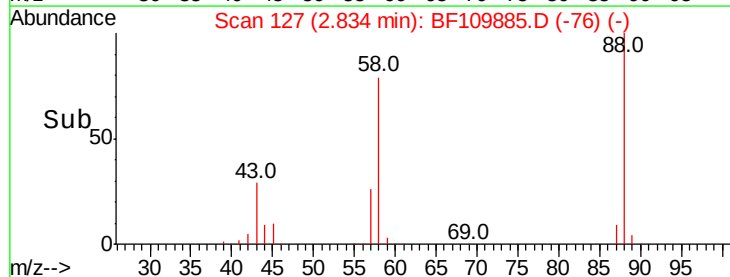
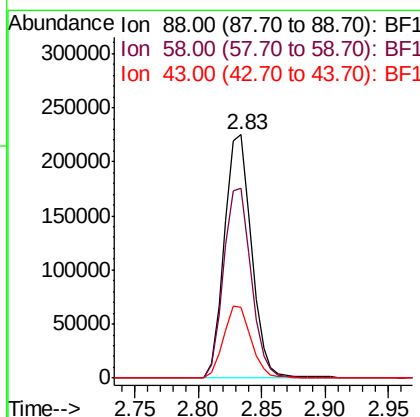
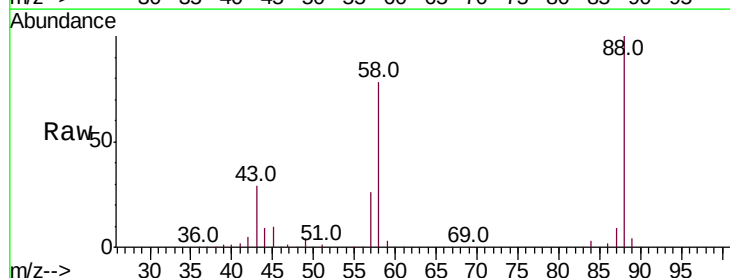
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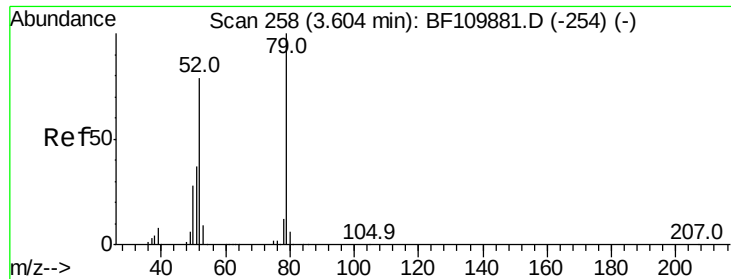


#2

1,4-Dioxane
Concen: 39.938 ng
RT: 2.83 min Scan# 127
Delta R.T. -0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.0	57.1	85.7
43	29.6	24.1	36.1





#3

Pvridine

Concen: 40.445 ng

RT: 3.60 min Scan# 258

Delta R.T. -0.00 min

Lab File: BF109885.D

Acq: 15 Oct 2018 18:03

Instrument :

BNA_F

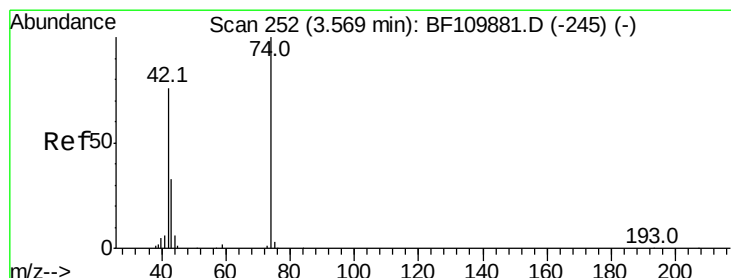
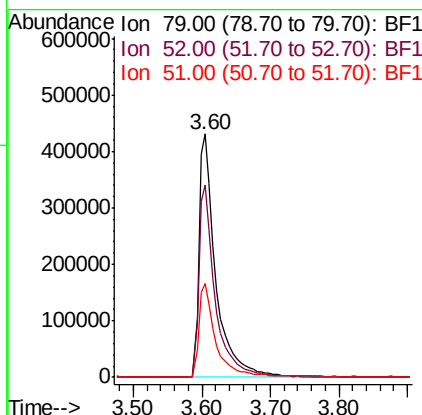
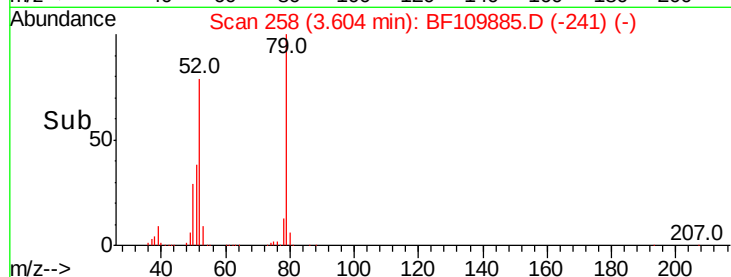
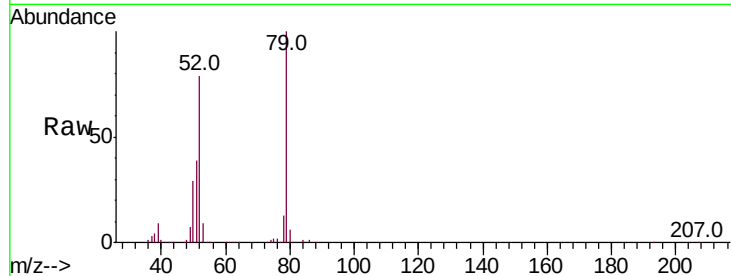
ClientSampleId :

ICVBF101518

Tot Ion:	79	Resp:	746328
Ion Ratio	Lower	Upper	
79	100		
52	79.3	53.1	79.7
51	38.8	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 40.165 ng

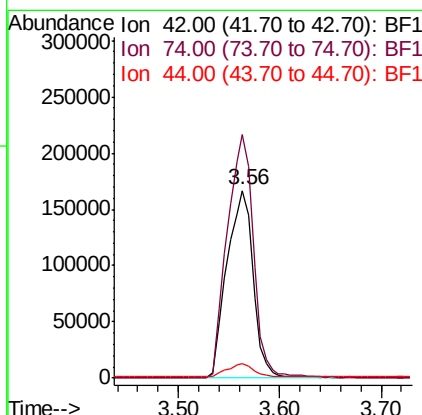
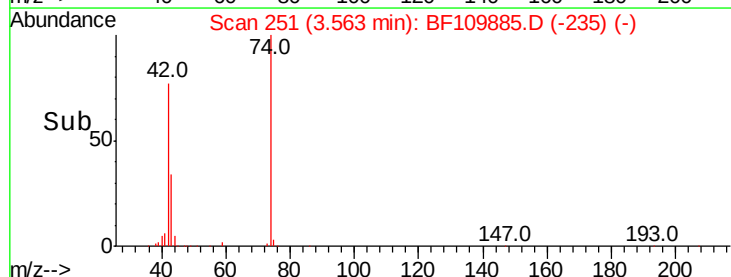
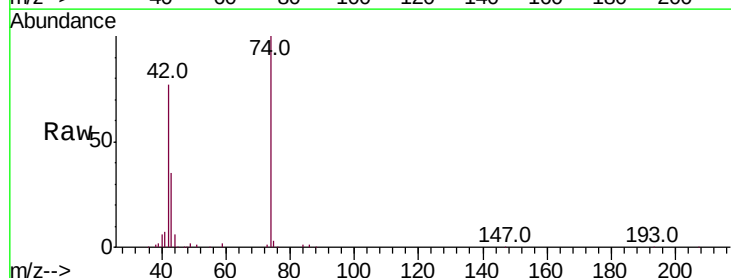
RT: 3.56 min Scan# 251

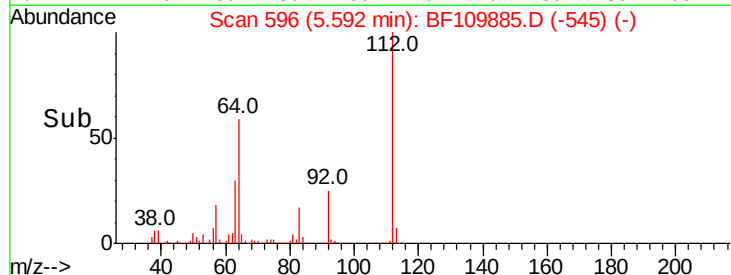
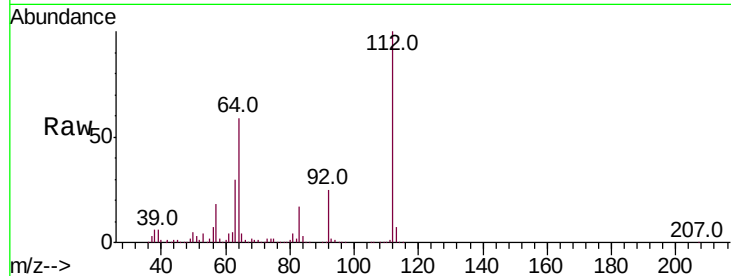
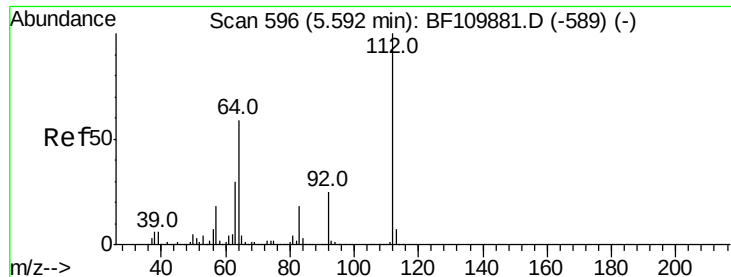
Delta R.T. -0.01 min

Lab File: BF109885.D

Acq: 15 Oct 2018 18:03

Tgt Ion:	42	Resp:	302347
Ion Ratio	Lower	Upper	
42	100		
74	130.0	105.5	158.3
44	7.4	4.9	7.3#





#5

2-Fluorophenol

Concen: 78.674 ng

RT: 5.59 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF109885.D

Acq: 15 Oct 2018 18:03

Instrument :

BNA_F

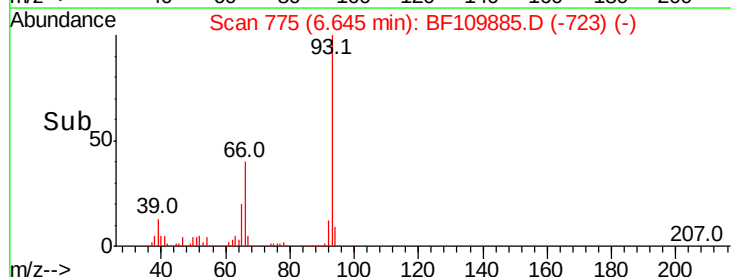
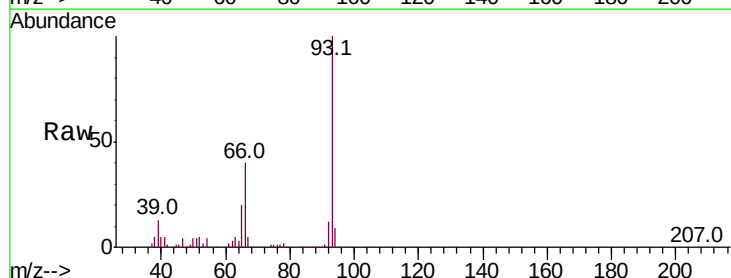
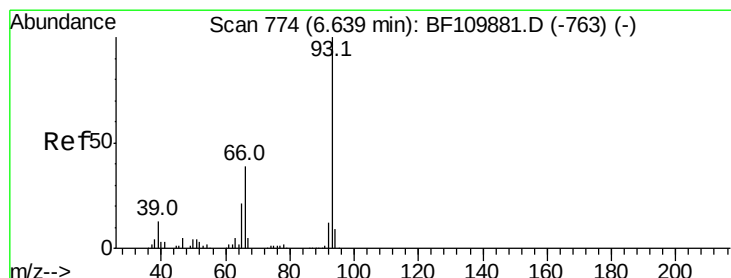
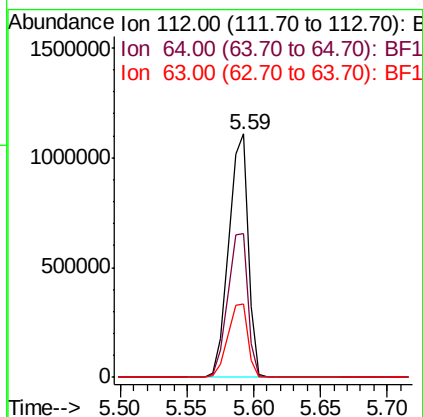
ClientSampleId :

ICVBF101518

Tot Ion:	112	Resp:	1146510
Ion Ratio	Lower	Upper	
112	100		
64	59.1	44.1	66.1
63	30.0	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 39.491 ng

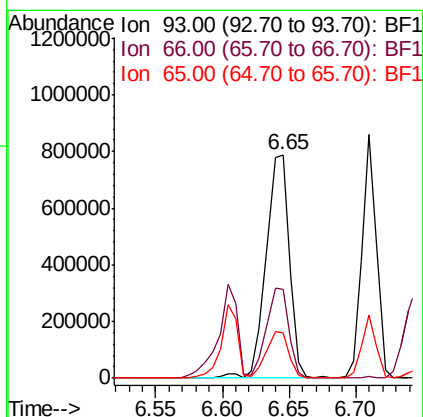
RT: 6.65 min Scan# 775

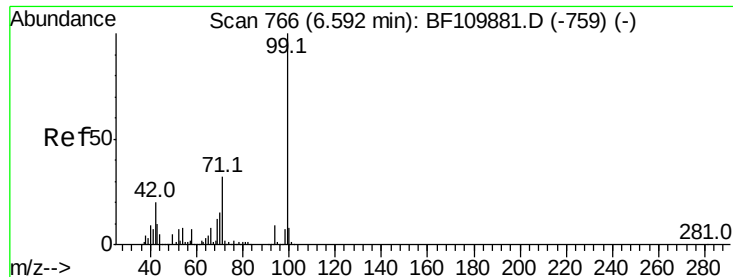
Delta R.T. 0.01 min

Lab File: BF109885.D

Acq: 15 Oct 2018 18:03

Tgt Ion:	93	Resp:	963043
Ion Ratio	Lower	Upper	
93	100		
66	39.6	67.4	101.0#
65	20.3	41.0	61.4#





#7

Phenol-d6

Concen: 79.459 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF109885.D

Acq: 15 Oct 2018 18:03

Instrument :

BNA_F

ClientSampleId :

ICVBF101518

Tot Ion: 99 Resp: 1437871

Ion Ratio Lower Upper

99 100

42 19.9 15.8 23.6

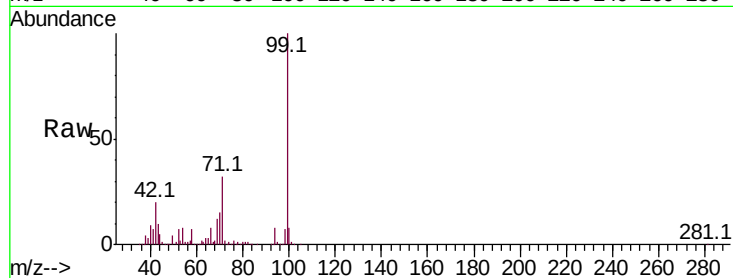
71 32.1 28.0 42.0

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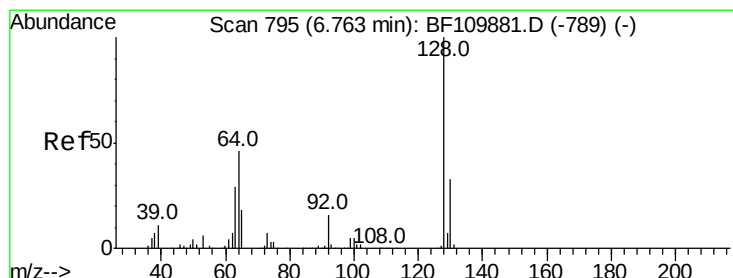
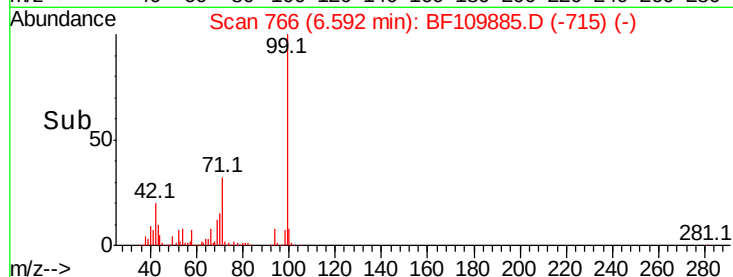
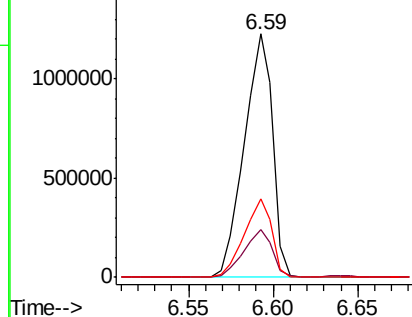
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.170 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF109885.D

Acq: 15 Oct 2018 18:03

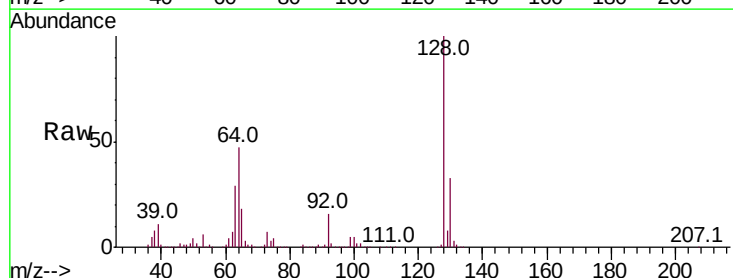
Tgt Ion: 128 Resp: 655733

Ion Ratio Lower Upper

128 100

130 32.7 13.1 53.1

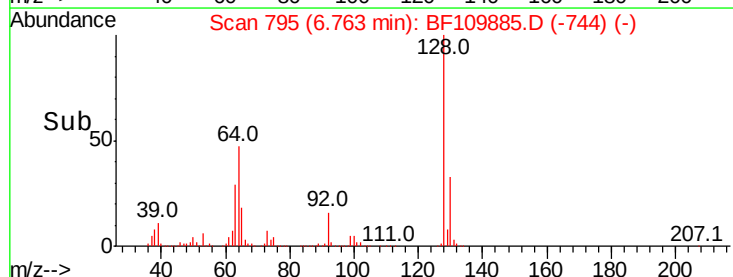
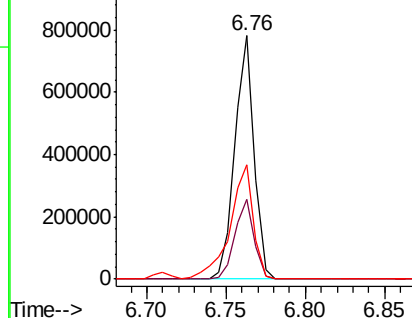
64 46.9 26.0 66.0

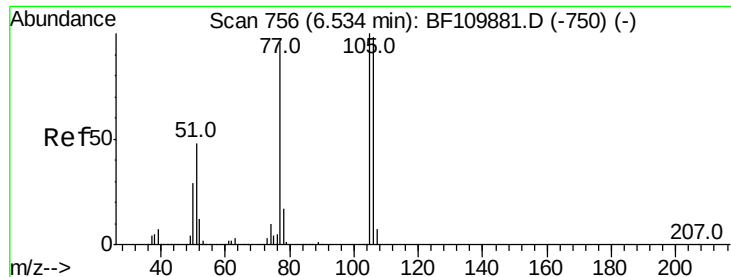


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.754 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF109885.D

Acq: 15 Oct 2018 18:03

Instrument :

BNA_F

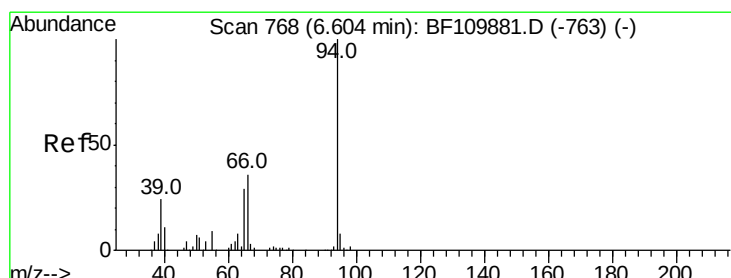
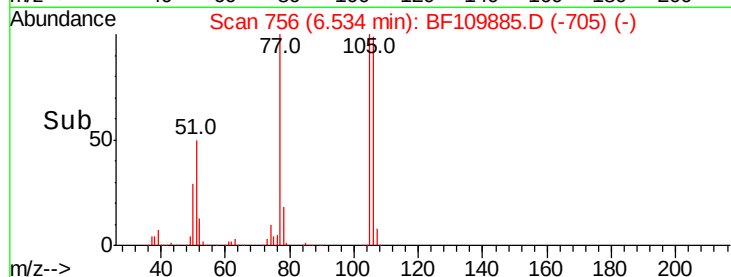
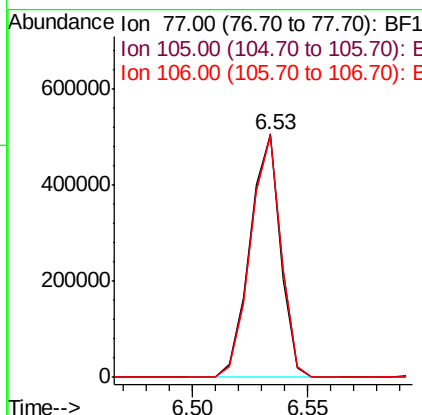
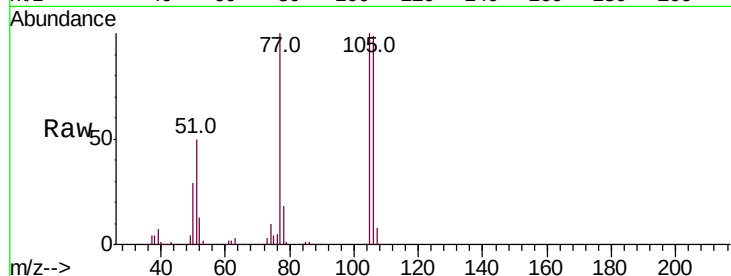
ClientSampleId :

ICVBF101518

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.3	78.6	118.6
106	99.4	74.8	114.8

Manual Integrations
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10/16/2018 9:57:26 AM



#10

Phenol

Concen: 39.581 ng

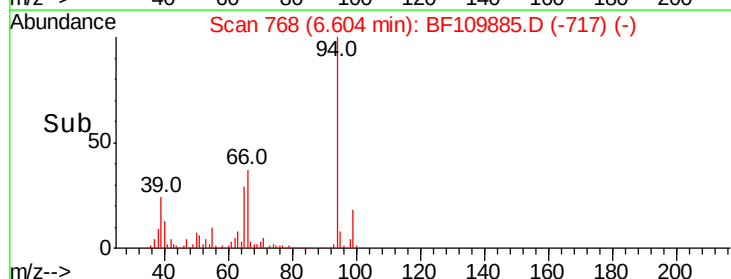
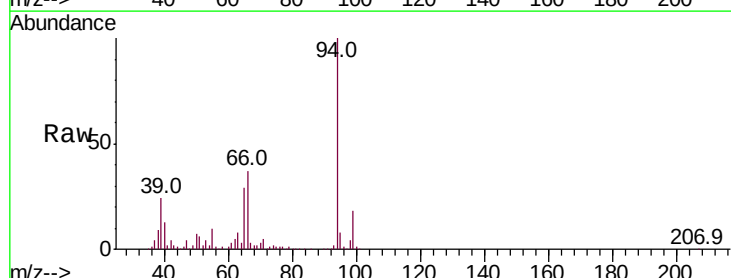
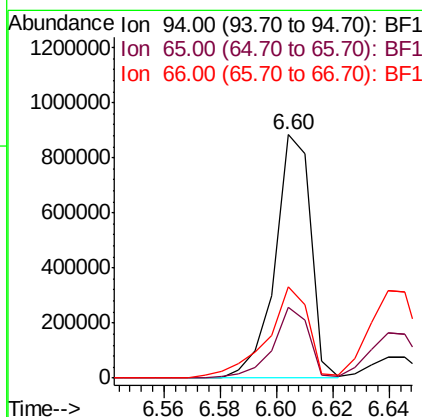
RT: 6.60 min Scan# 768

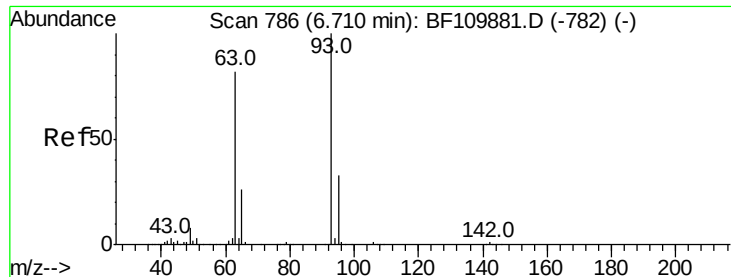
Delta R.T. -0.00 min

Lab File: BF109885.D

Acq: 15 Oct 2018 18:03

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.2	25.3	65.3
66	37.3	54.5	94.5#





#11

bis(2-Chloroethyl)ether

Concen: 39.529 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF109885.D

Acq: 15 Oct 2018 18:03

Instrument :

BNA_F

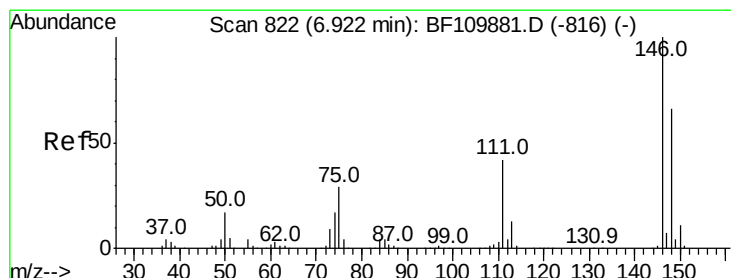
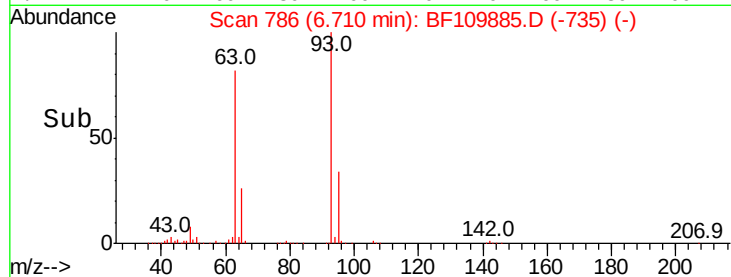
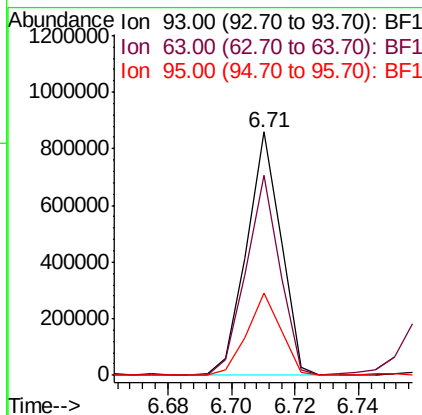
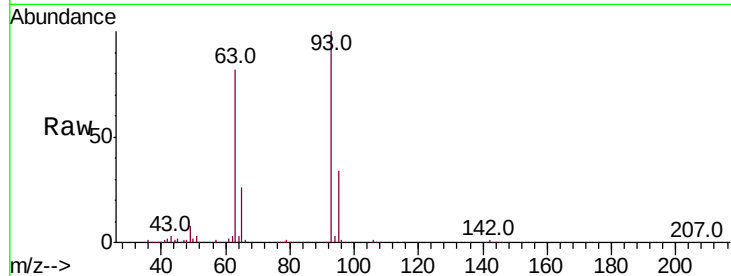
ClientSampleId :

ICVBF101518

Tot Ion:	93	Resp:	645736
Ion Ratio	Lower	Upper	
93	100		
63	82.4	53.4	93.4
95	33.7	12.1	52.1

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#12

1,3-Dichlorobenzene

Concen: 39.971 ng

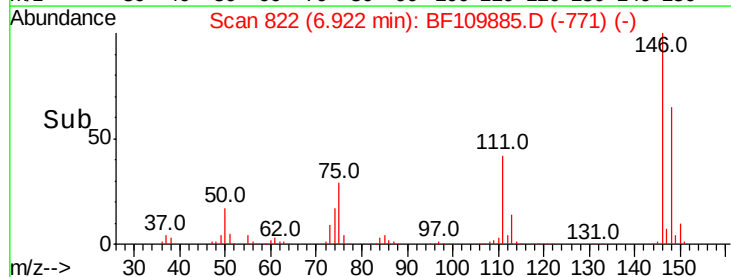
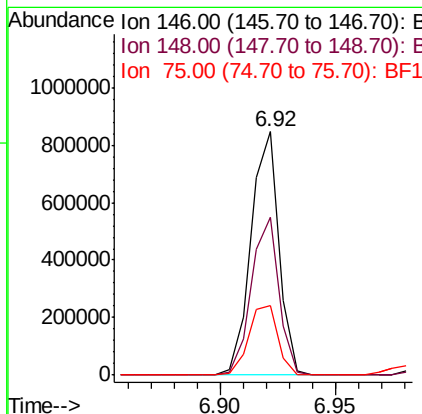
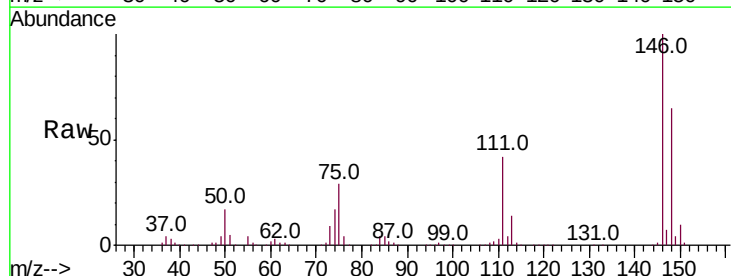
RT: 6.92 min Scan# 822

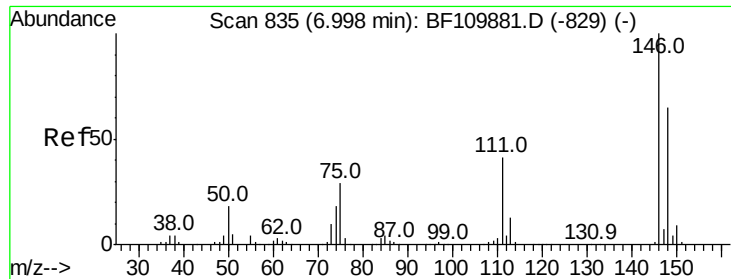
Delta R.T. -0.00 min

Lab File: BF109885.D

Acq: 15 Oct 2018 18:03

Tgt Ion:	146	Resp:	715466
Ion Ratio	Lower	Upper	
146	100		
148	65.0	50.4	75.6
75	28.8	25.8	38.6





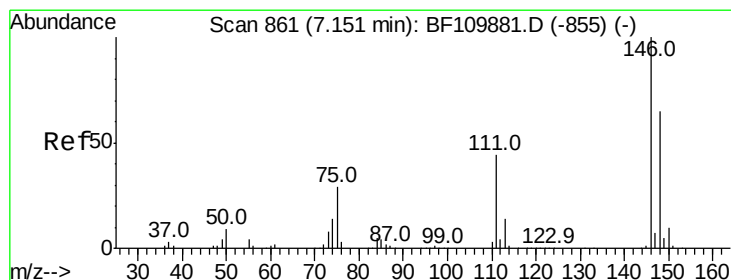
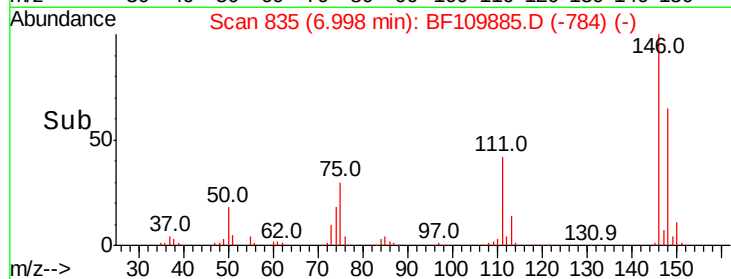
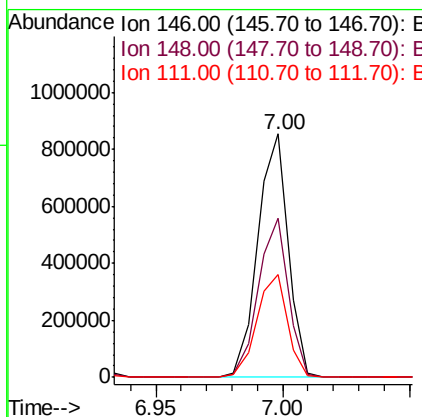
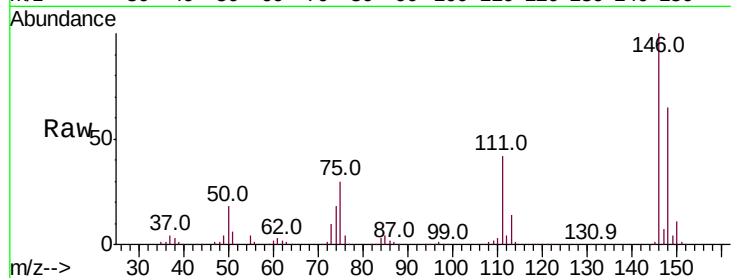
#13
 1,4-Dichlorobenzene
 Concen: 39.759 ng
 RT: 7.00 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BF109885.D
 Acq: 15 Oct 2018 18:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101518

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.3	75.5
111	42.0	32.7	49.1

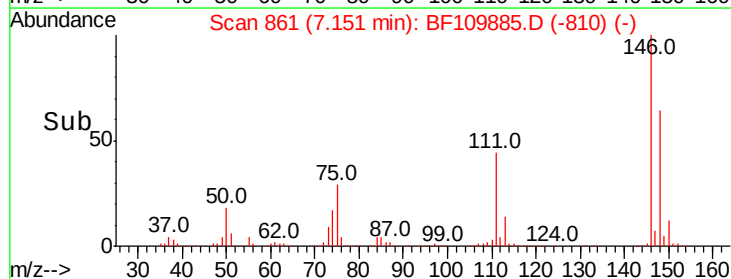
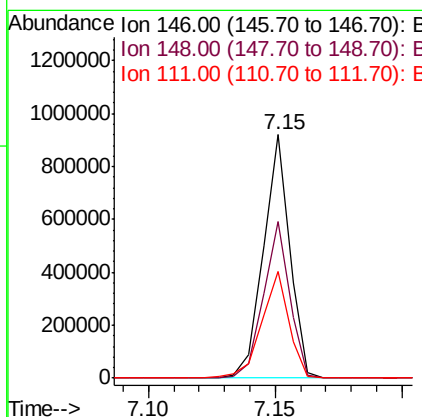
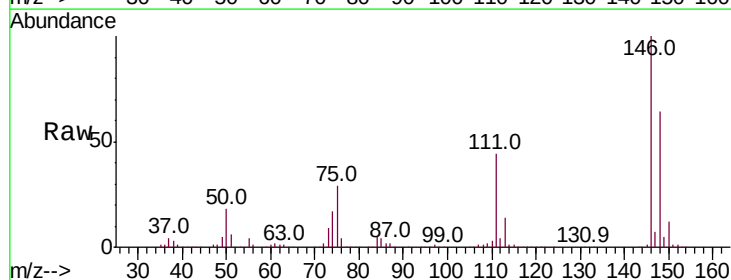
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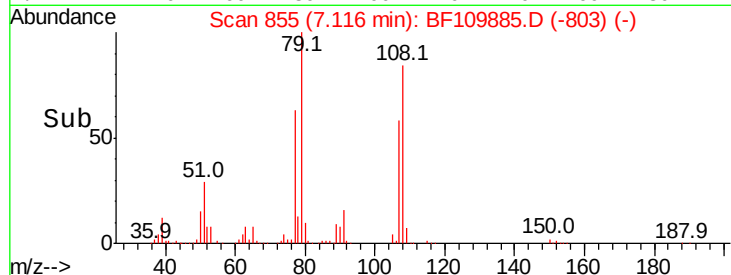
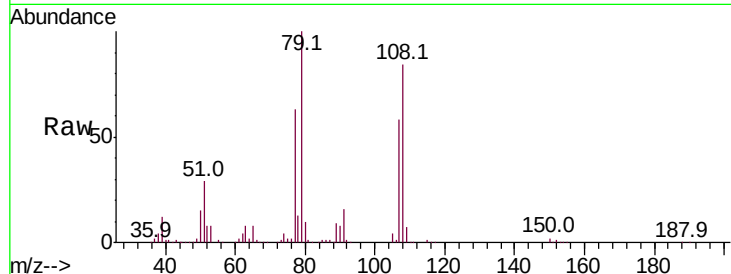
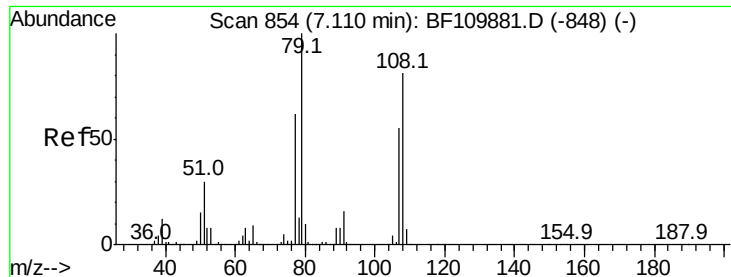
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 10/16/2018 9:57:26 AM



#14
 1,2-Dichlorobenzene
 Concen: 40.349 ng
 RT: 7.15 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: BF109885.D
 Acq: 15 Oct 2018 18:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.1	76.7
111	43.9	35.8	53.6





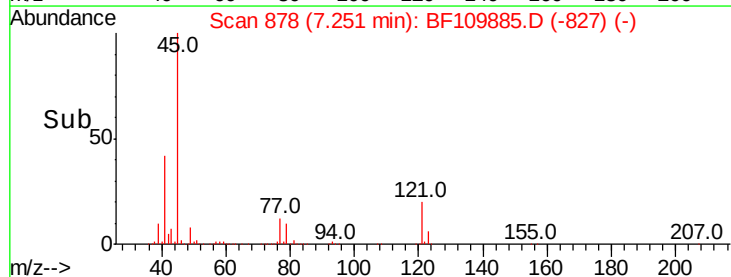
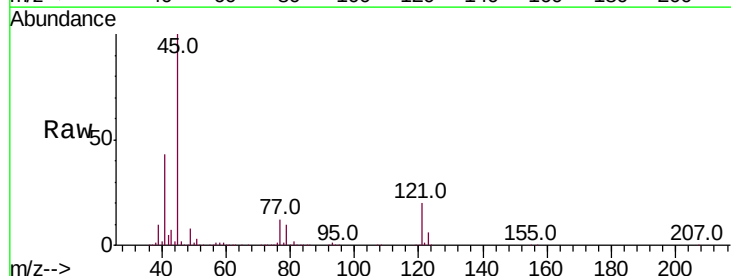
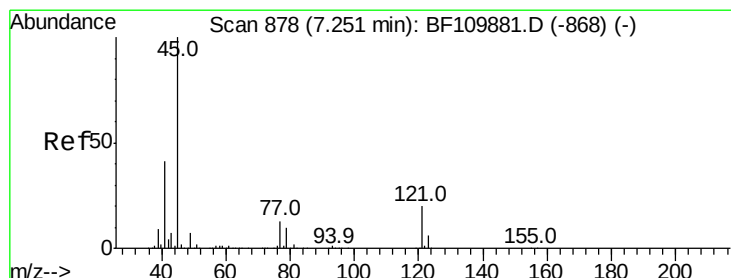
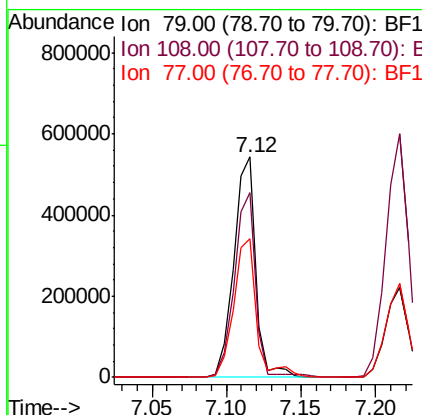
#15
Benzyl Alcohol
Concen: 40.192 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	83.7	56.3	84.5	
77	62.8	52.9	79.3	

Instrument :
BNA_F
ClientSampleId :
ICVBF101518

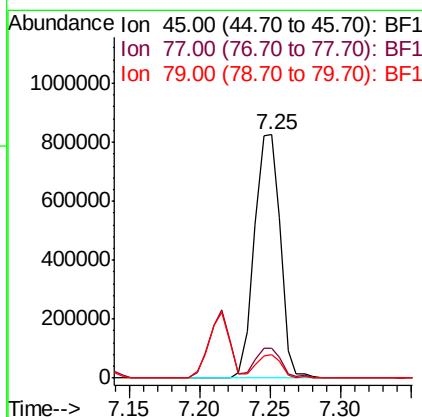
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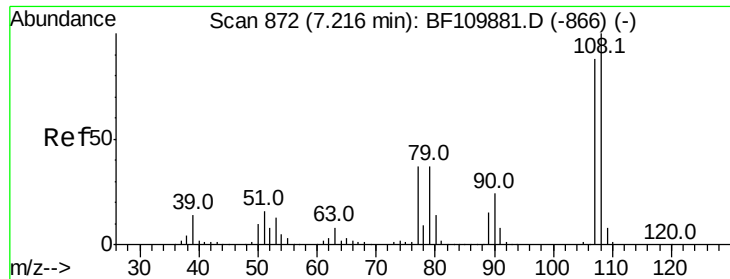
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.697 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	12.0	10.0	50.0	
79	9.9	6.1	46.1	





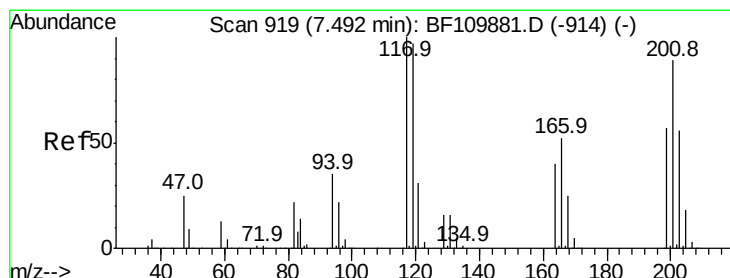
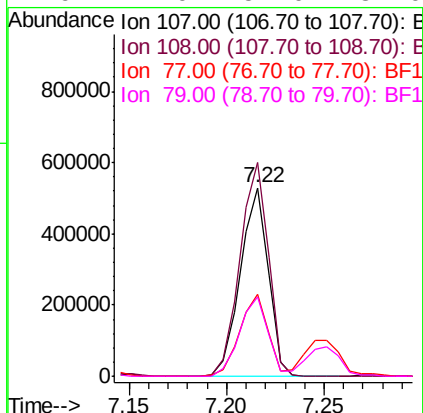
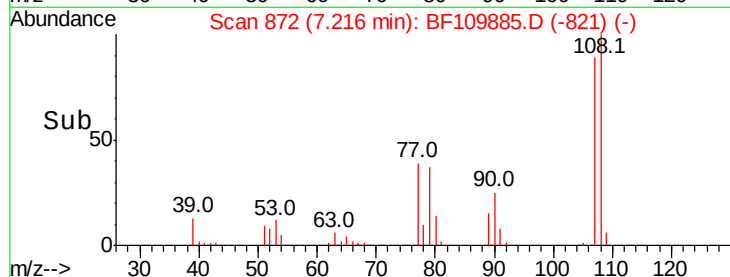
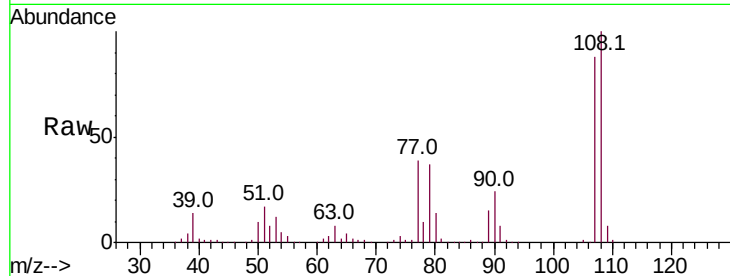
#17
2-Methylphenol
Concen: 39.973 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Instrument :
BNA_F
ClientSampleId :
ICVBF101518

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.2	92.6	138.8
77	43.6	59.4	89.2#
79	42.0	54.0	81.0#

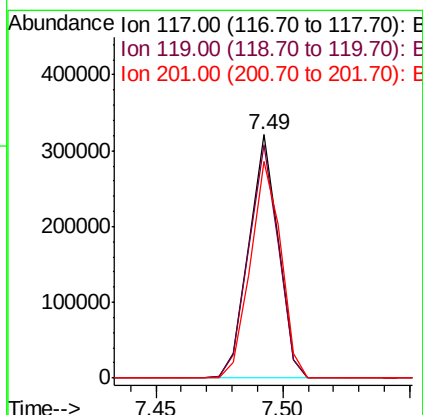
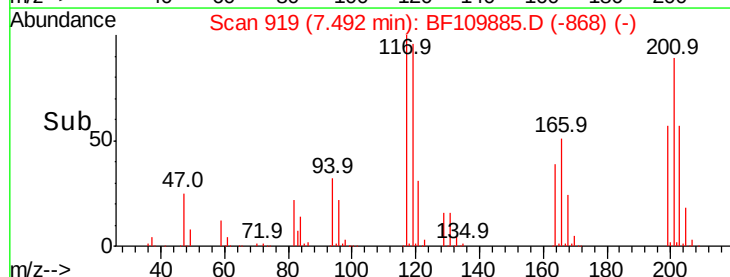
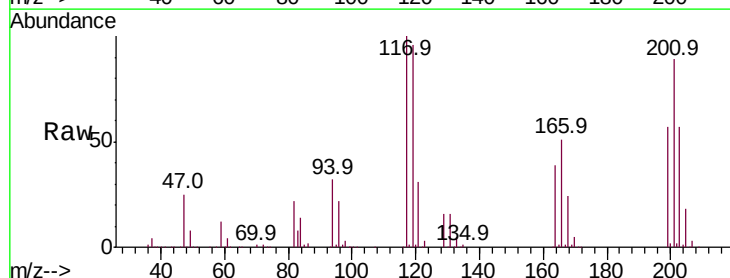
Manual Integrations
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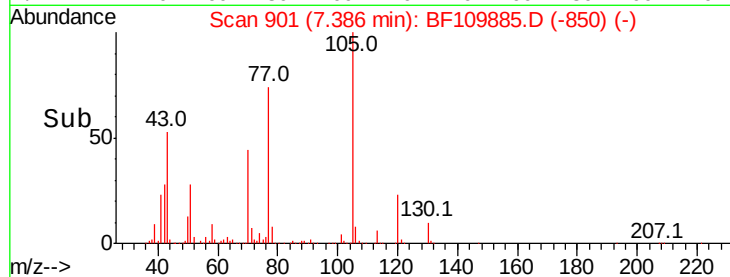
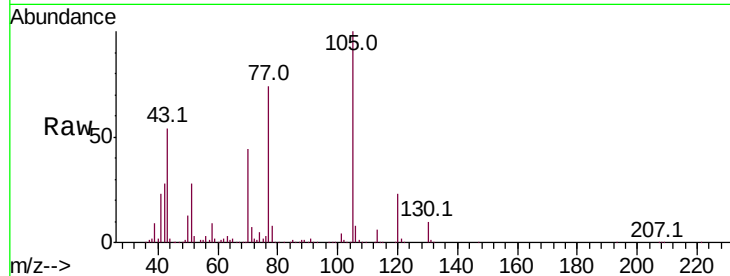
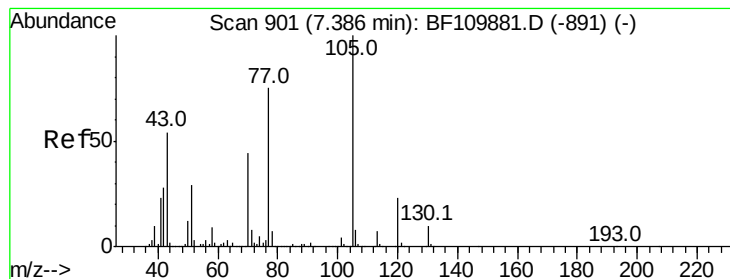
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#18
Hexachloroethane
Concen: 41.084 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.0	112.6
201	89.2	79.2	118.8





#19

n-Nitroso-di-n-propylamine

Concen: 38.927 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF109885.D

Acq: 15 Oct 2018 18:03

Instrument :

BNA_F

ClientSampleId :

ICVBF101518

Tot Ion: 70 Resp: 452285

Ion Ratio Lower Upper

70 100

42 62.9 47.4 71.2

101 9.2 7.3 10.9

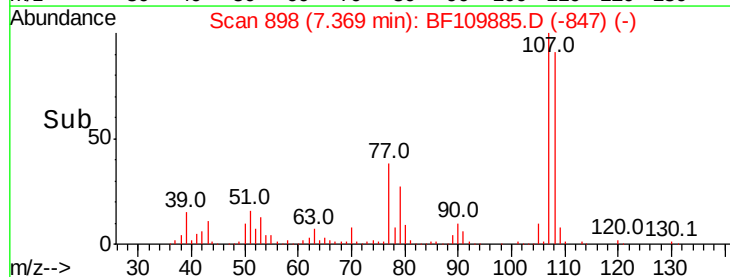
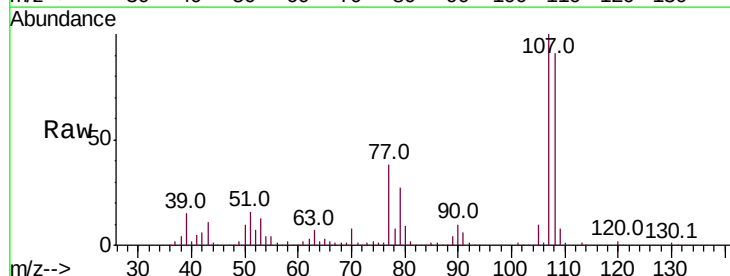
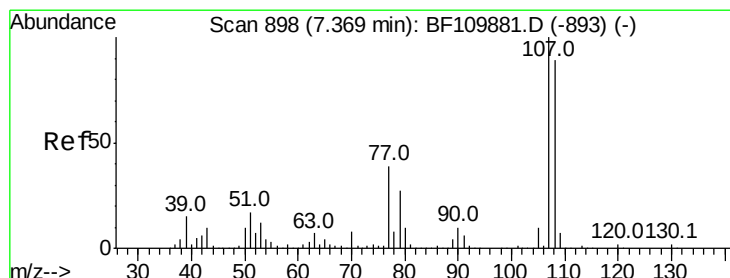
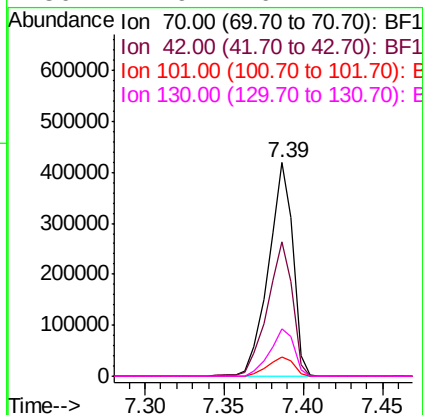
130 21.9 16.2 24.2

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#20

3+4-Methylphenols

Concen: 39.803 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF109885.D

Acq: 15 Oct 2018 18:03

Tgt Ion: 107 Resp: 664862

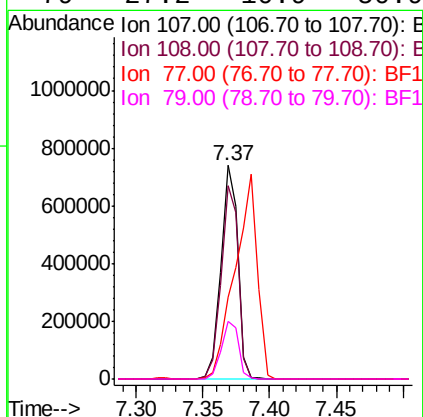
Ion Ratio Lower Upper

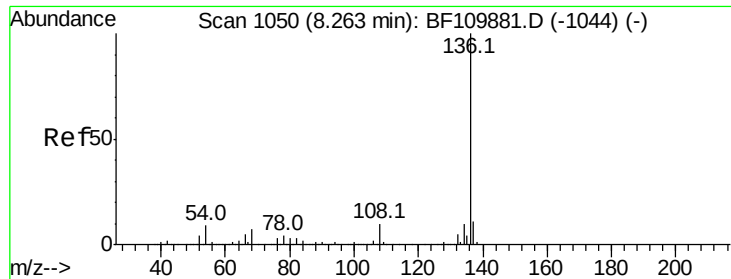
107 100

108 90.6 71.4 111.4

77 38.4 47.3 87.3#

79 27.2 10.9 50.9





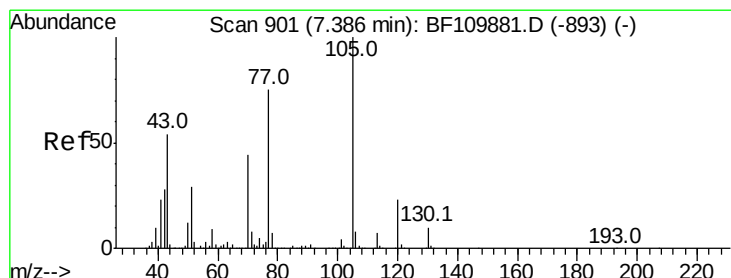
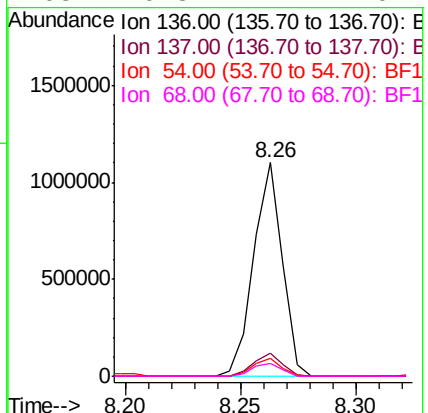
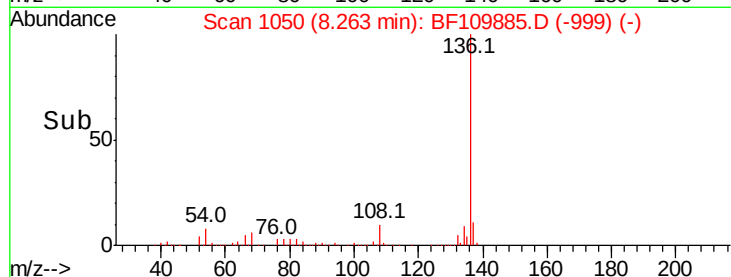
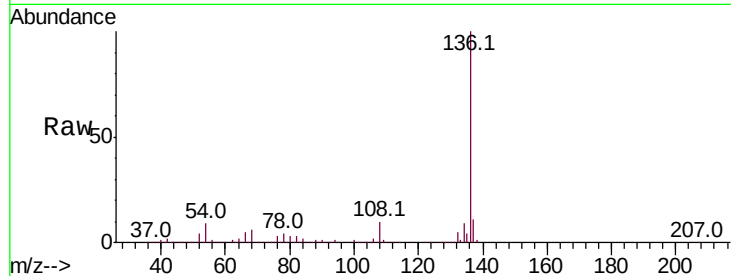
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Instrument :
BNA_F
ClientSampleId :
ICVBF101518

Tot Ion	Ratio	Resp	Lower	Upper
136	100	956878		
137	10.9		8.8	13.2
54	8.5		5.4	8.2#
68	6.3		4.2	6.2#

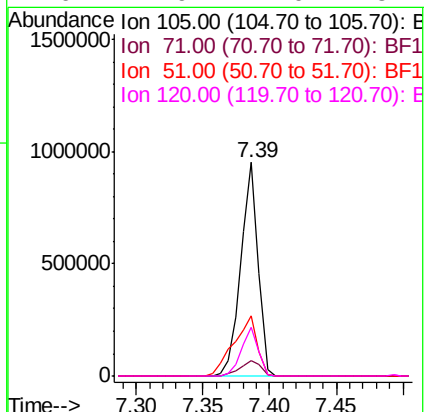
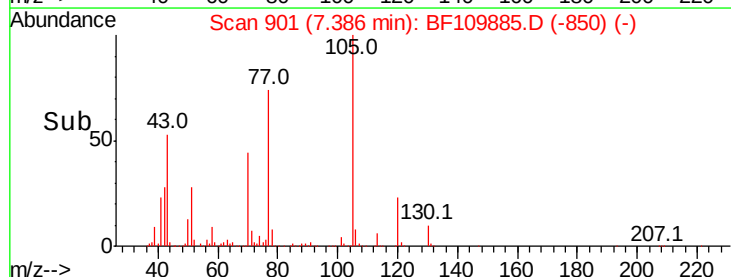
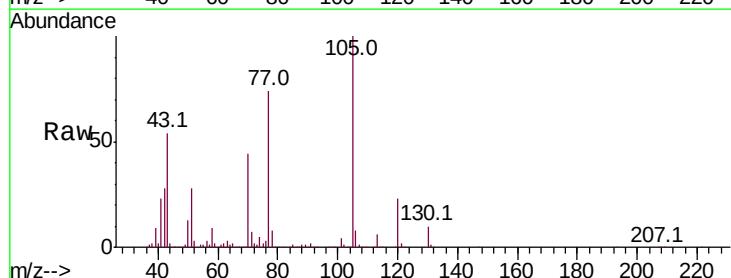
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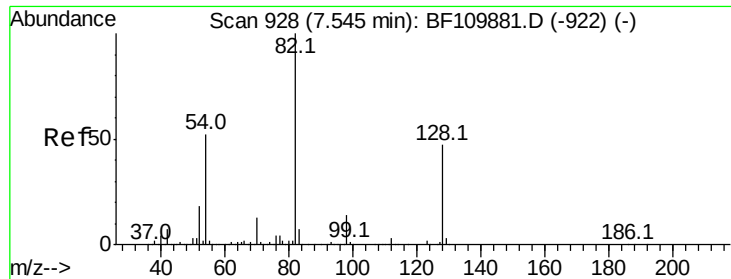
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#22
Acetophenone
Concen: 38.637 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	857395		
71	7.4		5.2	7.8
51	28.2		21.8	32.8
120	22.9		17.0	25.4





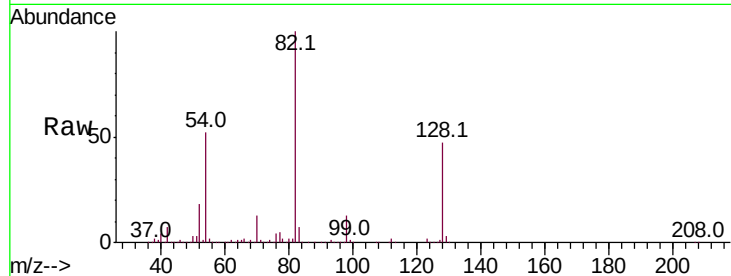
#23
Nitrobenzene-d5
Concen: 86.689 ng
RT: 7.55 min Scan# 928
Delta R.T. -0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Instrument :
BNA_F
ClientSampled :
ICVBF101518

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.2	51.2
54	52.4	38.6	58.0

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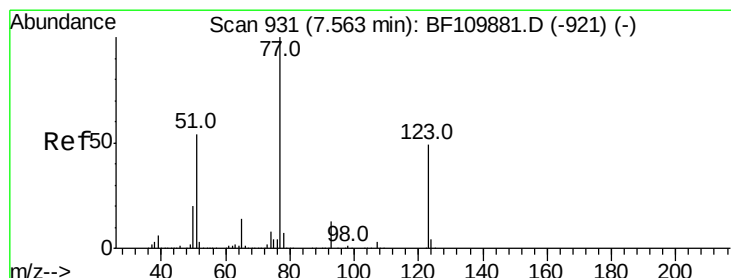
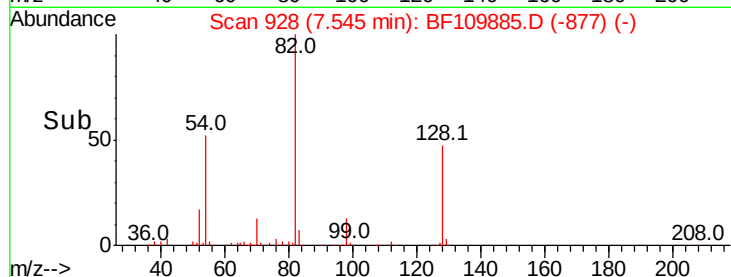
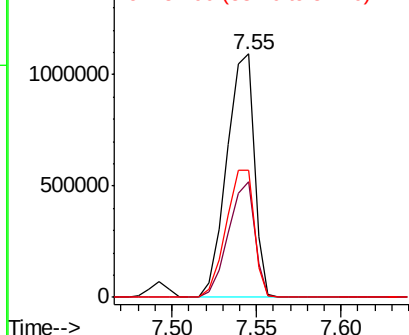


Abundance

Ion 82.00 (81.70 to 82.70): BF1

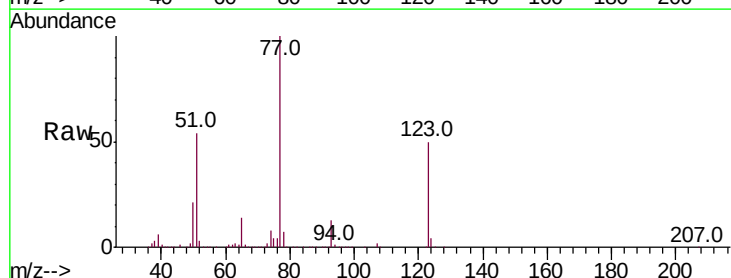
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
Nitrobenzene
Concen: 42.916 ng
RT: 7.56 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.1	35.7	53.5
65	14.1	10.7	16.1

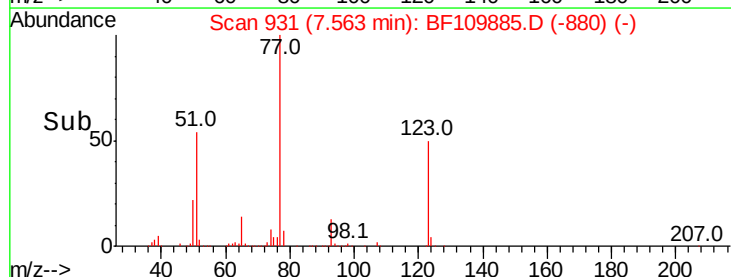
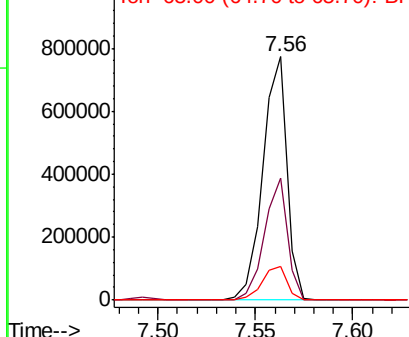


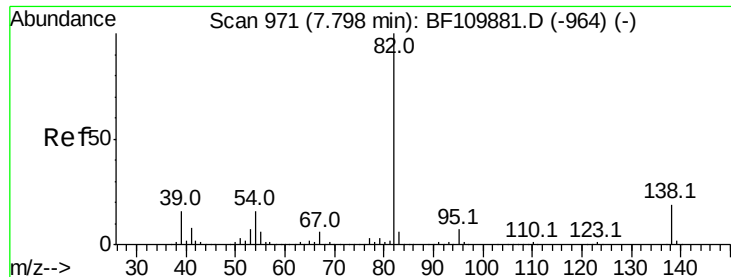
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.124 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.00 min

Lab File: BF109885.D

Acq: 15 Oct 2018 18:03

Instrument :

BNA_F

ClientSampleId :

ICVBF101518

Tot Ion: 82 Resp: 1091973

Ion Ratio Lower Upper

82 100

95 6.8 5.7 8.5

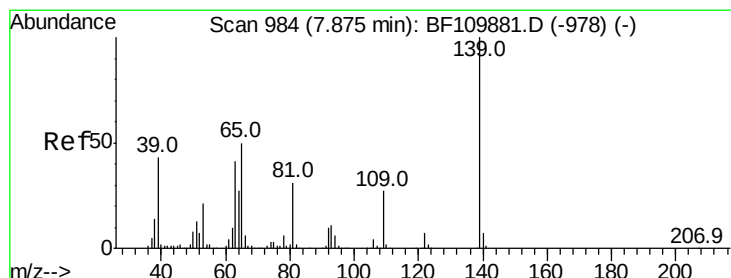
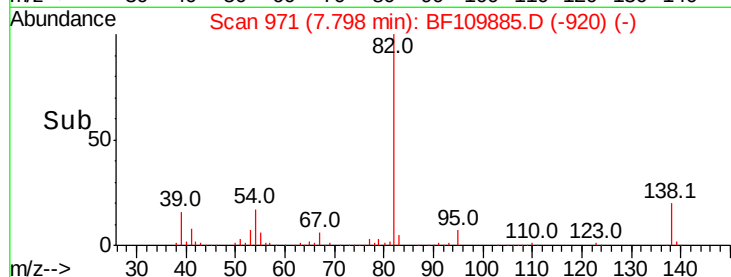
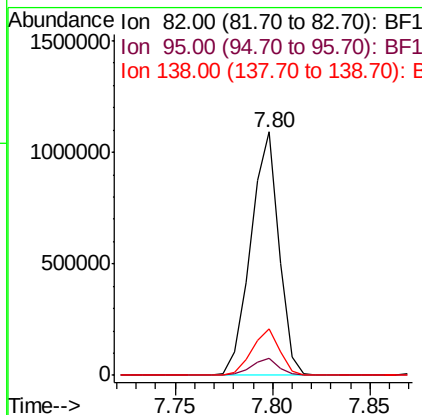
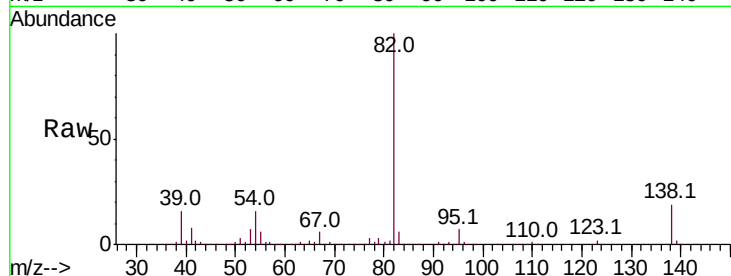
138 19.1 13.2 19.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 44.906 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.00 min

Lab File: BF109885.D

Acq: 15 Oct 2018 18:03

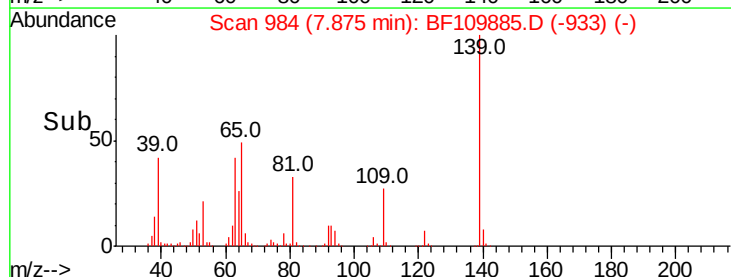
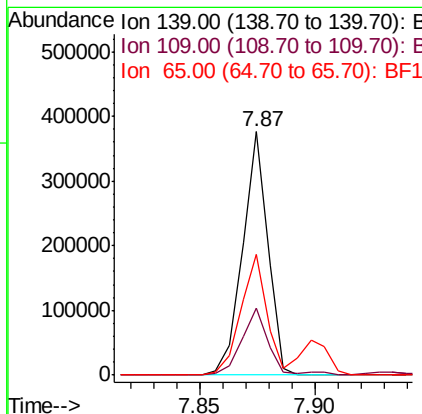
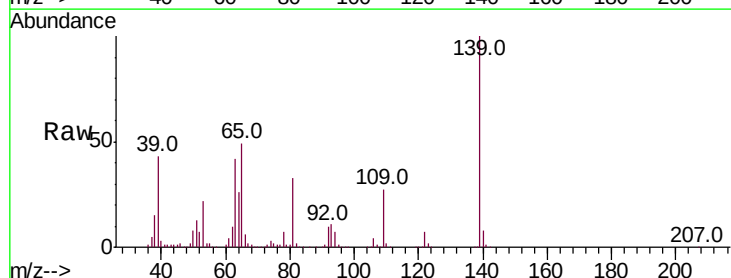
Tgt Ion: 139 Resp: 287309

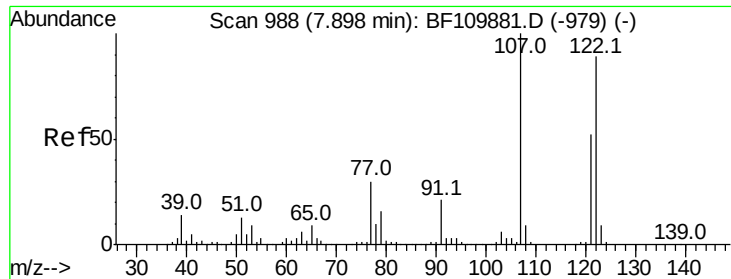
Ion Ratio Lower Upper

139 100

109 27.4 25.0 37.6

65 49.4 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 39.766 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF109885.D

Acq: 15 Oct 2018 18:03

Instrument :

BNA_F

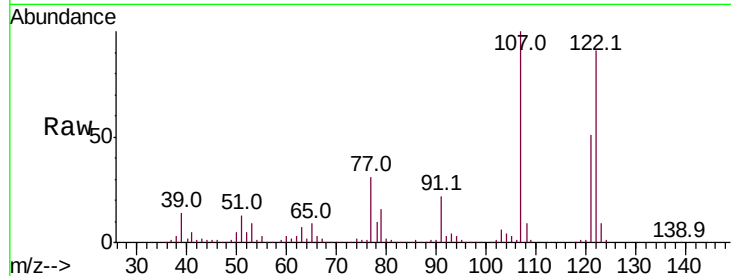
ClientSampleId :

ICVBF101518

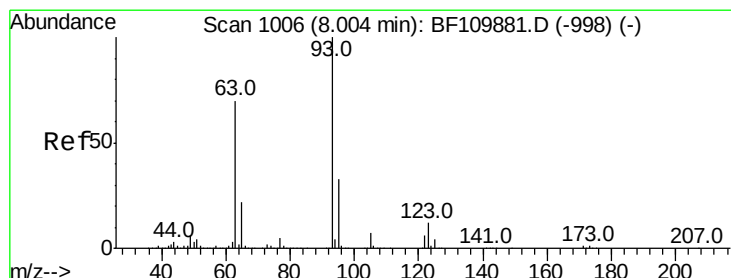
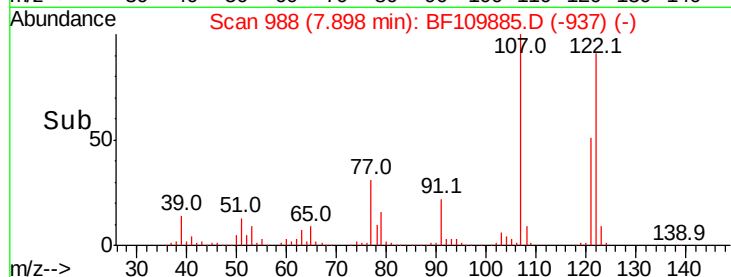
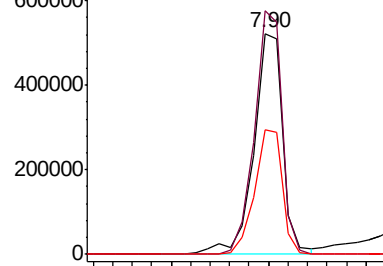
Tot Ion:	122	Resp:	534600
Ion Ratio	Lower	Upper	
122	100		
107	110.3	92.5	138.7
121	56.6	45.8	68.8

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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: 38.808 ng

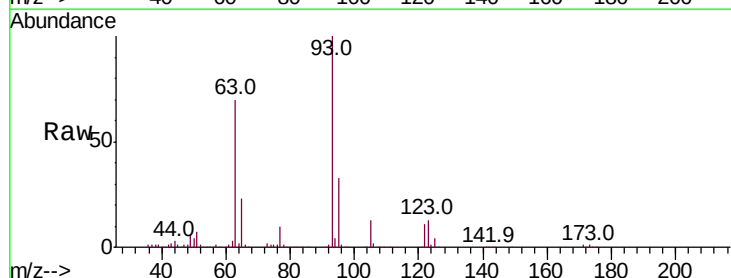
RT: 8.00 min Scan# 1006

Delta R.T. -0.00 min

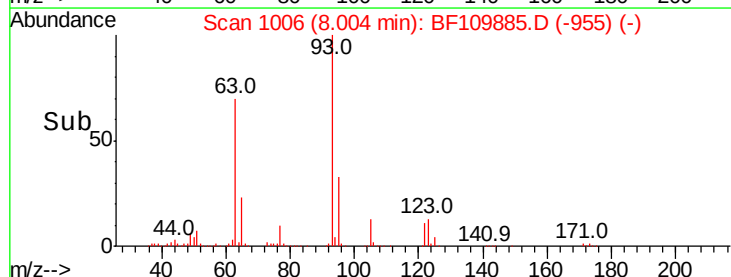
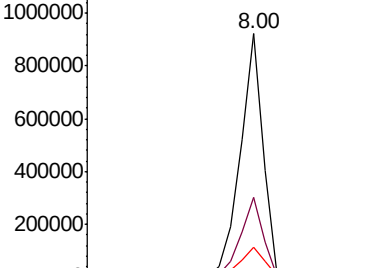
Lab File: BF109885.D

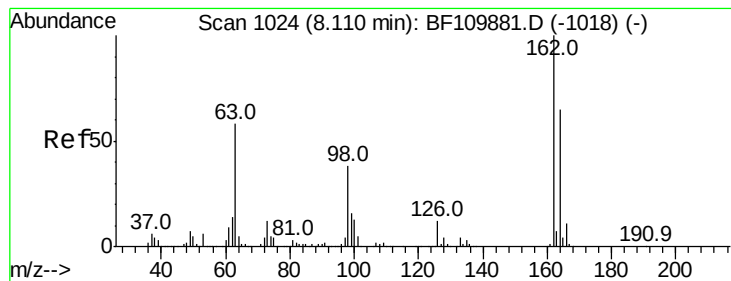
Acq: 15 Oct 2018 18:03

Tgt Ion:	93	Resp:	743360
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.4	39.6
123	12.5	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: 40.379 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF109885.D

Acq: 15 Oct 2018 18:03

Instrument :

BNA_F

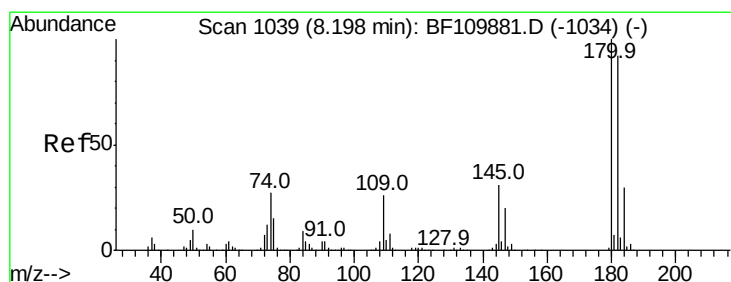
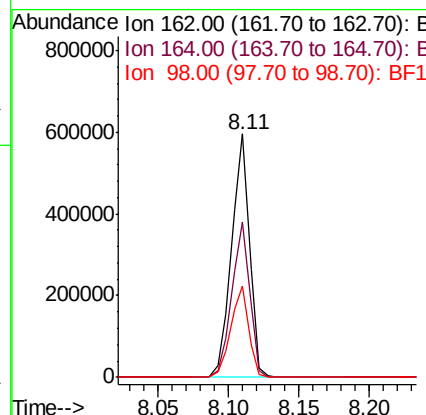
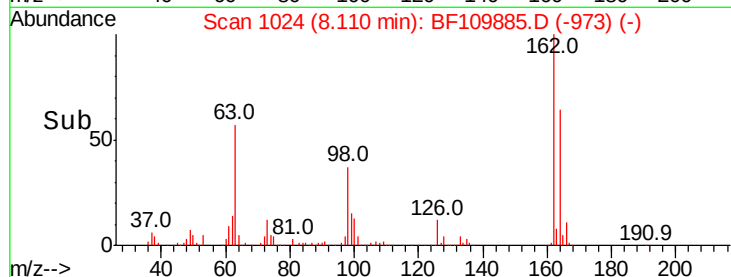
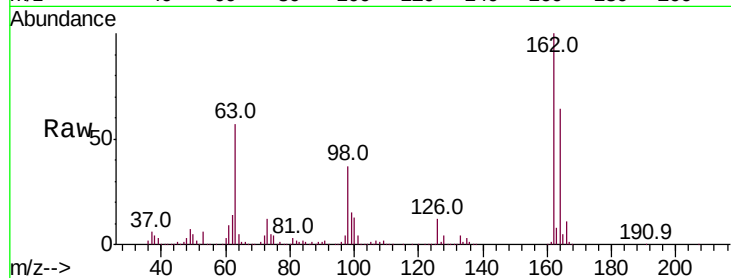
ClientSampleId :

ICVBF101518

Tot Ion	Ratio	Resp	Lower	Upper
162	100	526599		
164	64.0		44.6	84.6
98	37.3		17.4	57.4

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#30

1,2,4-Trichlorobenzene

Concen: 40.143 ng

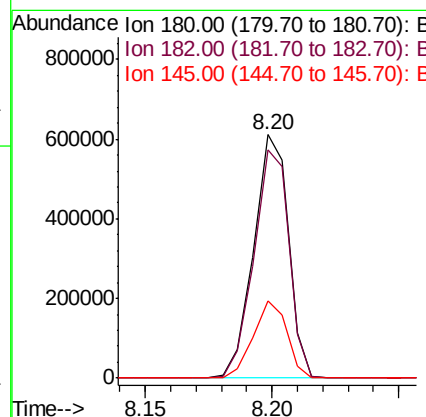
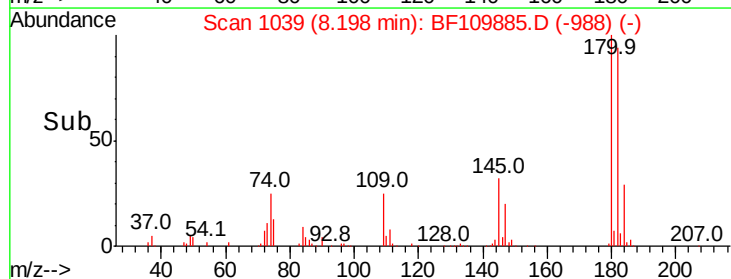
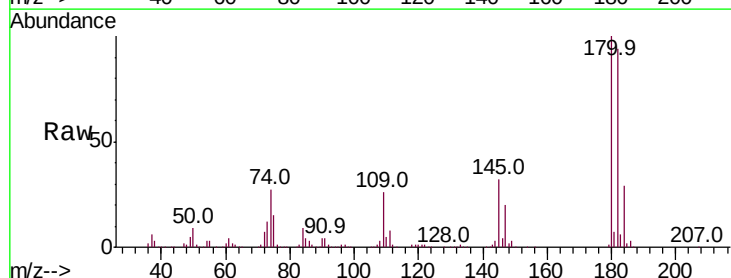
RT: 8.20 min Scan# 1039

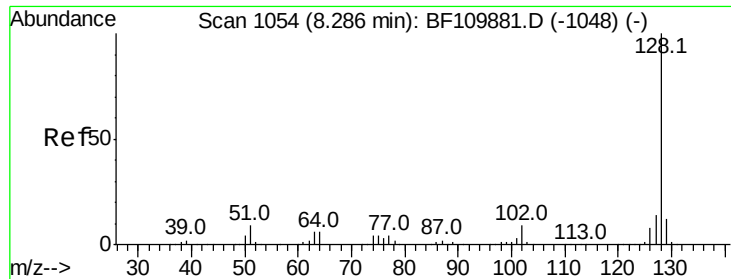
Delta R.T. -0.00 min

Lab File: BF109885.D

Acq: 15 Oct 2018 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	586188		
182	93.8		80.3	120.5
145	31.9		25.4	38.0





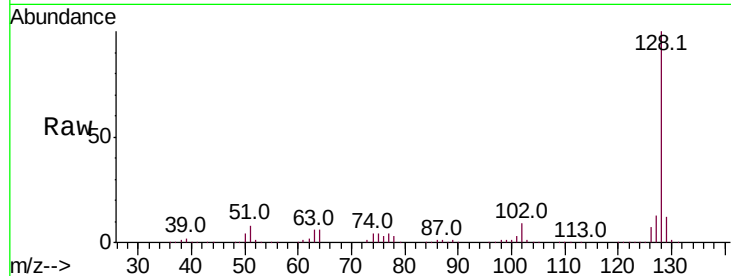
#31
Naphthalene
Concen: 39.083 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Instrument :
BNA_F
ClientSampleId :
ICVBF101518

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.3	10.8	16.2

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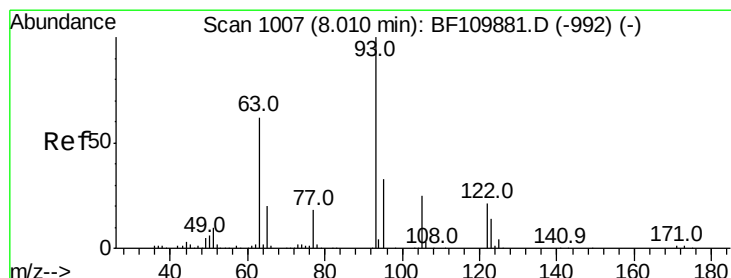
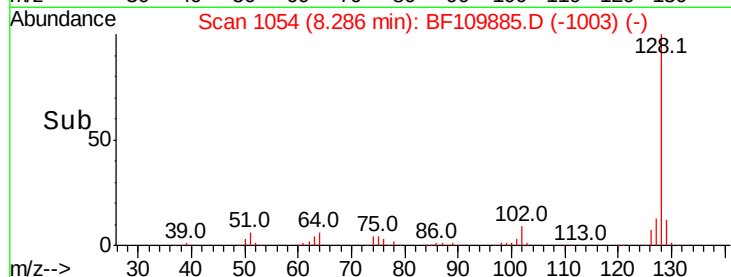
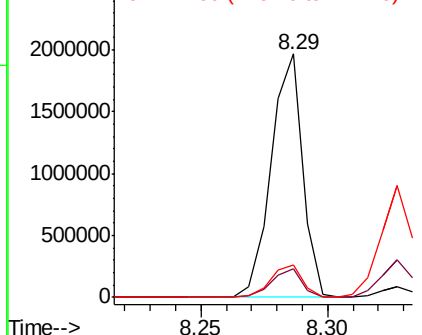


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 40.852 ng m
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

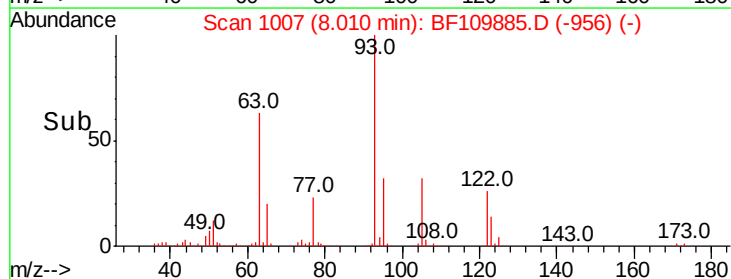
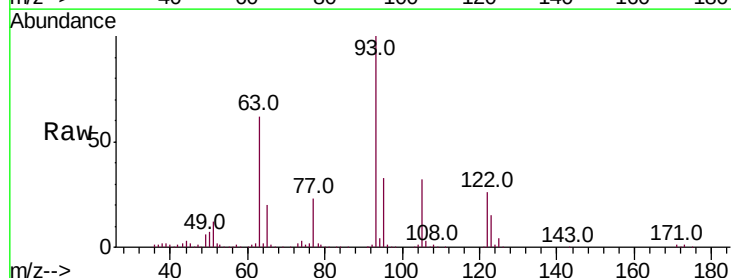
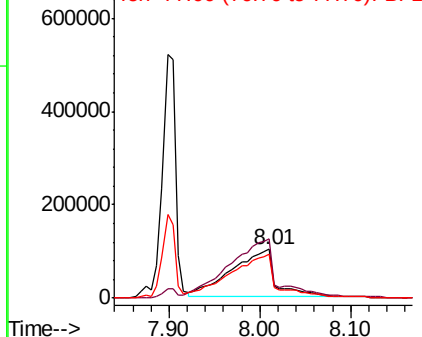
Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.3	109.0	149.0
77	89.7	79.0	119.0

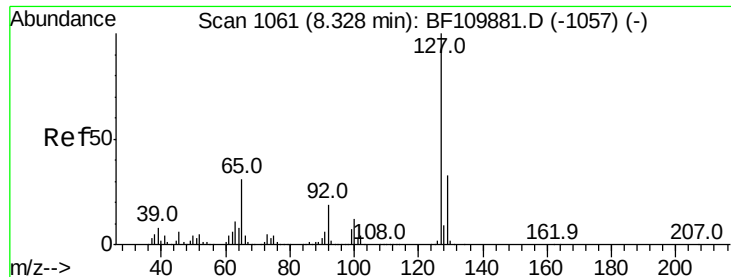
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





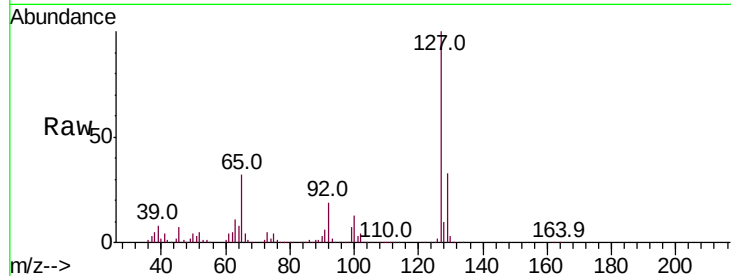
#33
4-Chloroaniline
Concen: 38.639 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Instrument :
BNA_F
ClientSampleId :
ICVBF101518

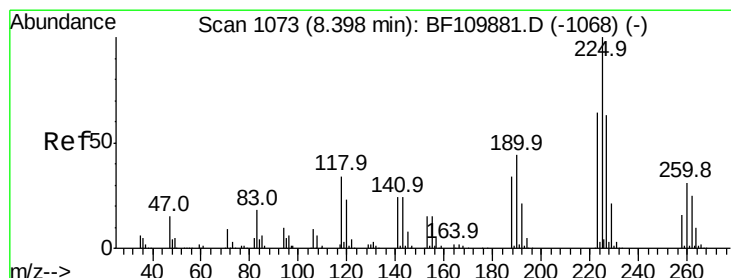
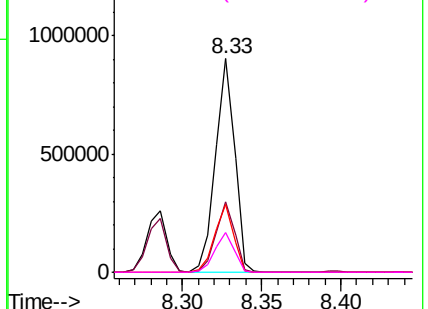
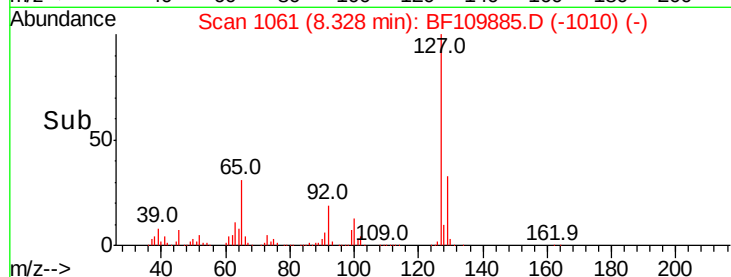
Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	33.2	26.0	39.0
65	31.6	25.1	37.7
92	18.9	15.0	22.6

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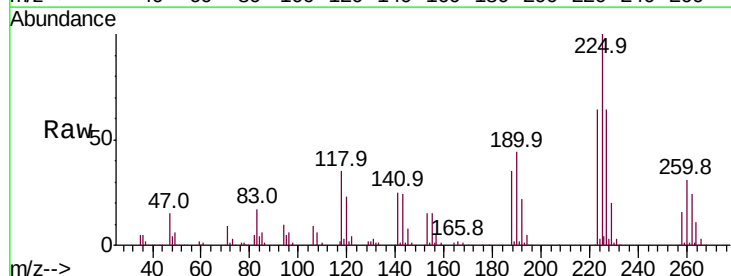


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

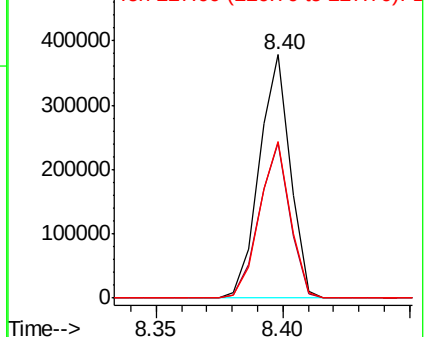
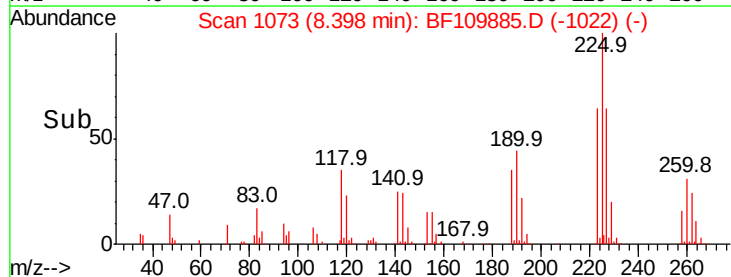


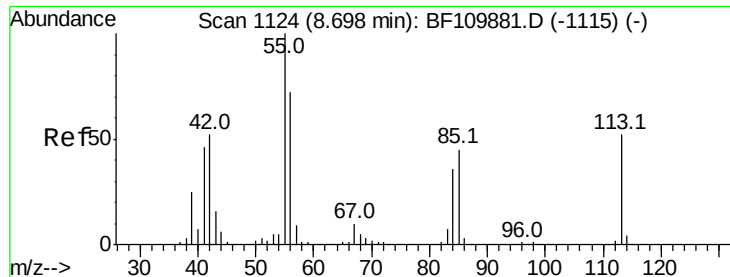
#34
Hexachlorobutadiene
Concen: 39.683 ng
RT: 8.40 min Scan# 1073
Delta R.T. -0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.7	51.4	77.2
227	64.5	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





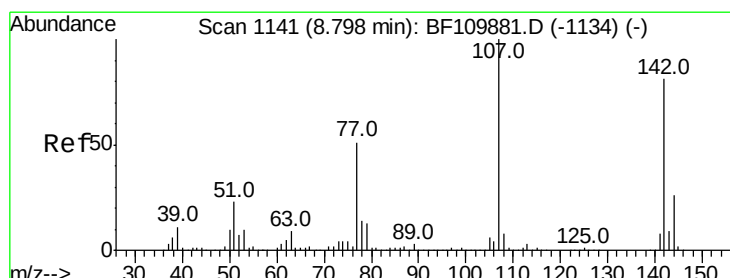
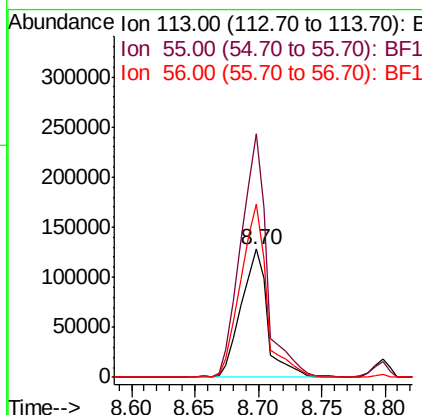
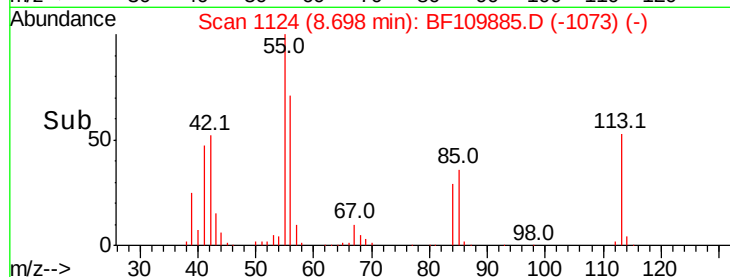
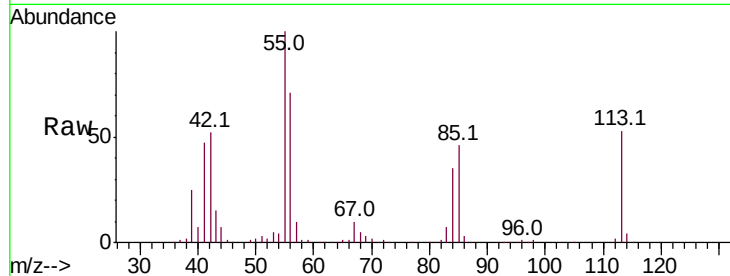
#35
 Caprolactam
 Concen: 40.026 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.00 min
 Lab File: BF109885.D
 Acq: 15 Oct 2018 18:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101518

Tot Ion	Ratio	Lower	Upper
113	100		
55	189.7	142.8	182.8#
56	135.1	105.0	145.0

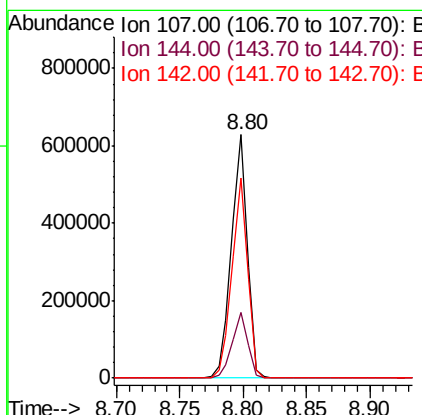
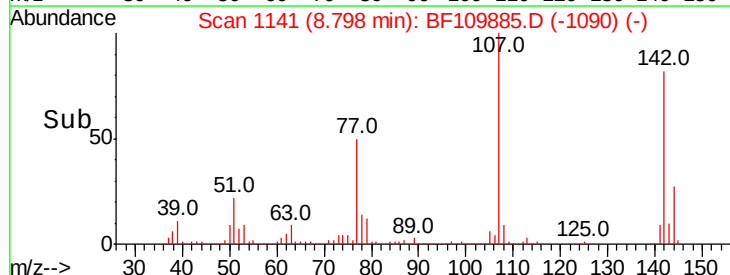
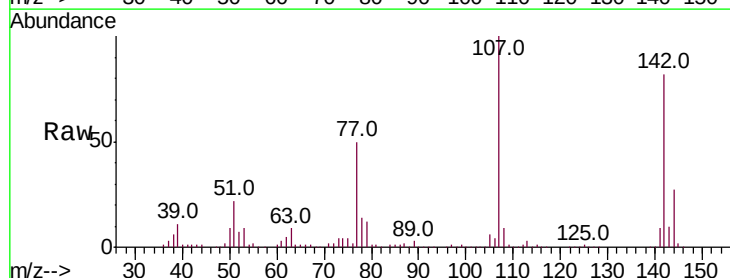
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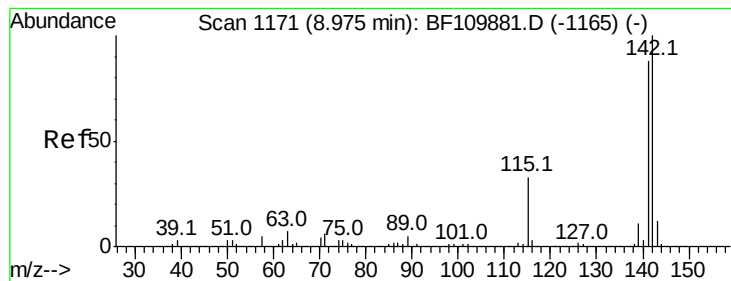
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#36
 4-Chloro-3-methylphenol
 Concen: 39.612 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF109885.D
 Acq: 15 Oct 2018 18:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.8	20.0	30.0
142	82.4	59.7	89.5





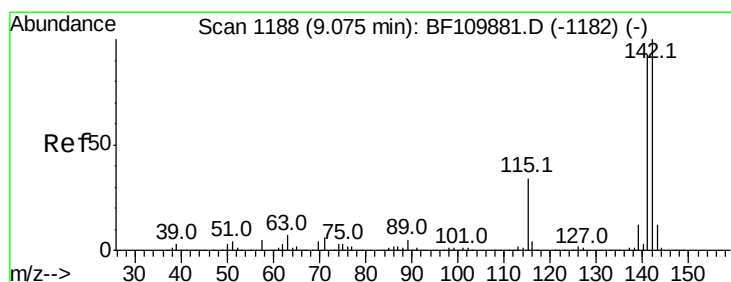
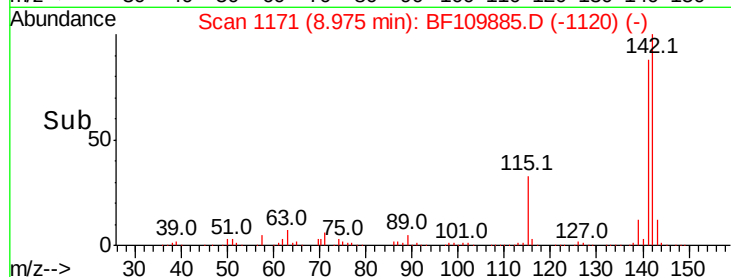
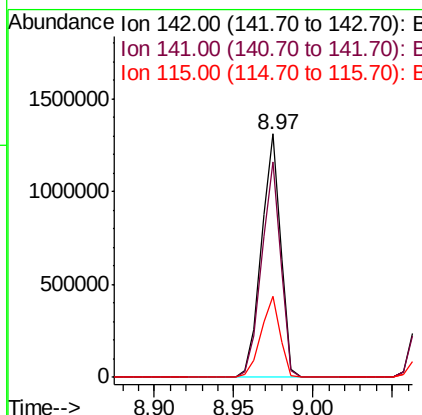
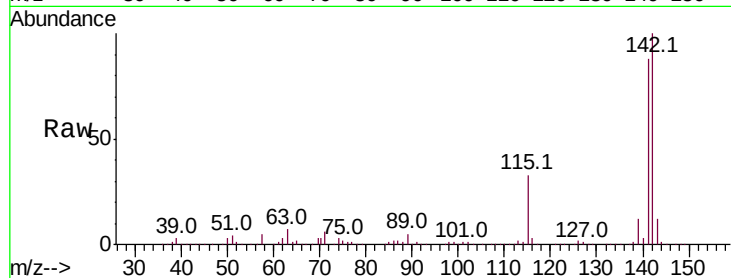
#37
2-Methylnaphthalene
Concen: 39.378 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Instrument :
BNA_F
ClientSampleId :
ICVBF101518

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.4	107.2
115	33.4	28.7	43.1

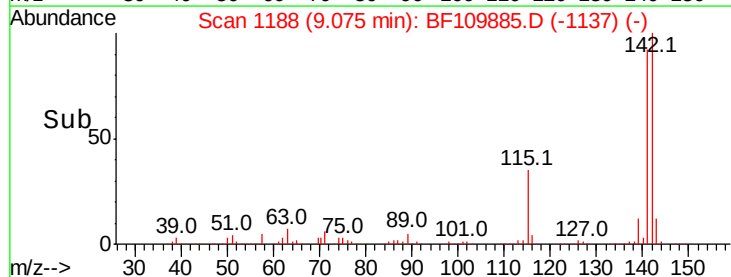
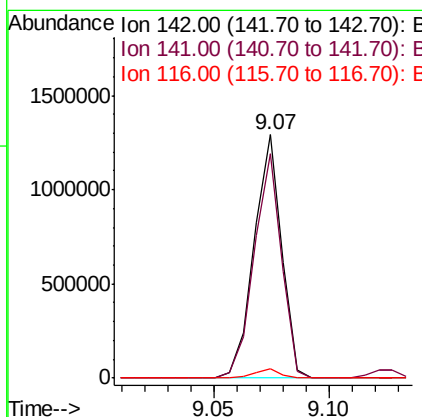
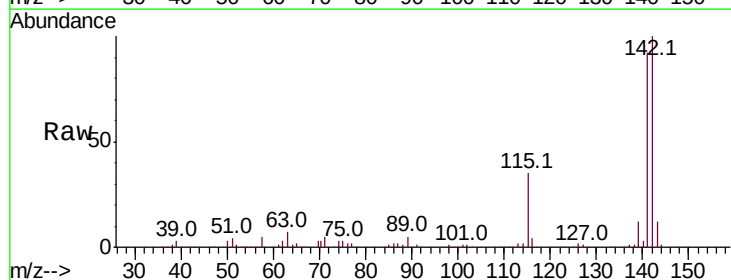
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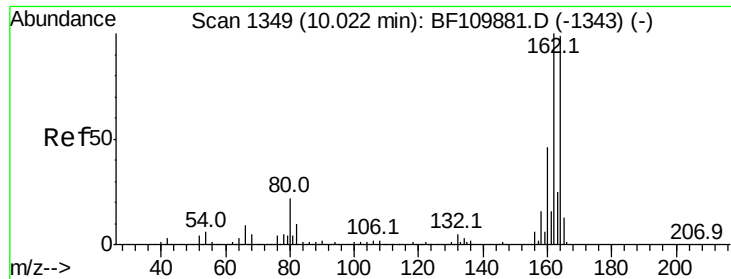
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#38
1-Methylnaphthalene
Concen: 38.988 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.2	111.4
116	3.7	2.6	4.0





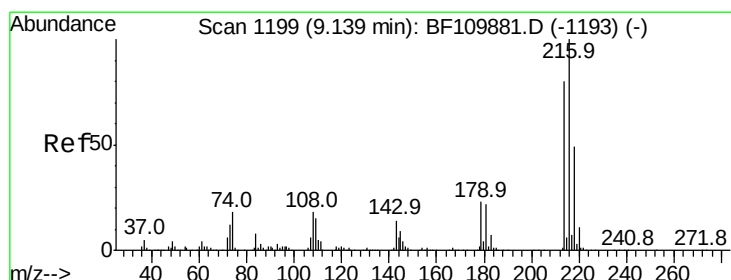
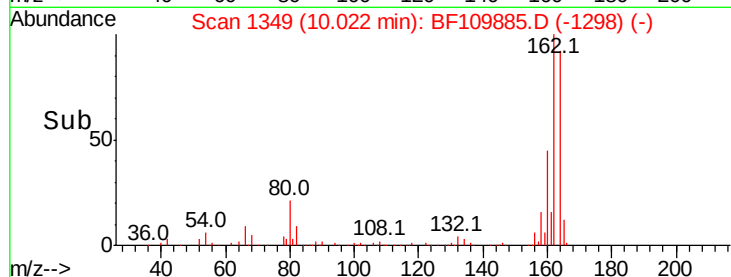
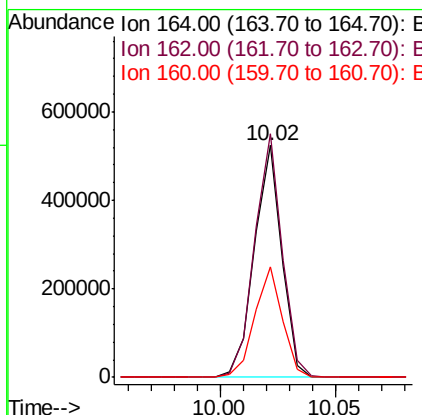
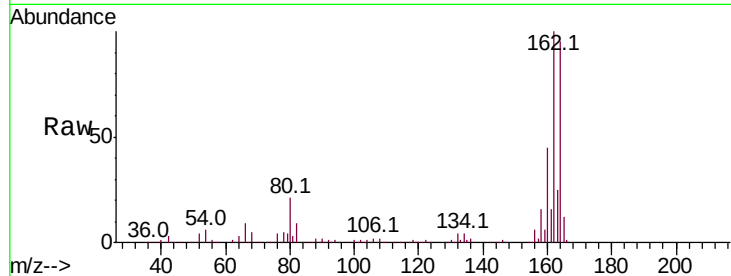
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.00 min
 Lab File: BF109885.D
 Acq: 15 Oct 2018 18:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101518

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.0	83.0	124.6
160	47.4	37.0	55.6

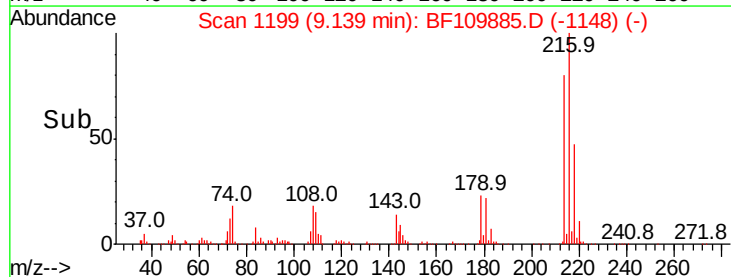
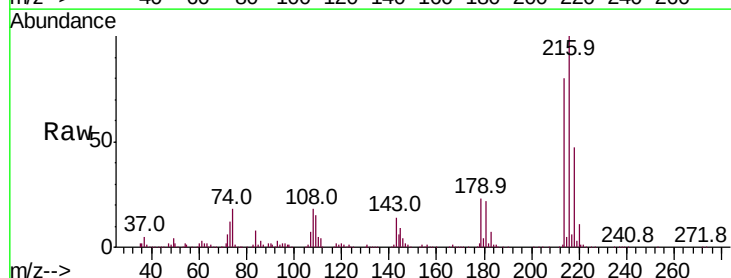
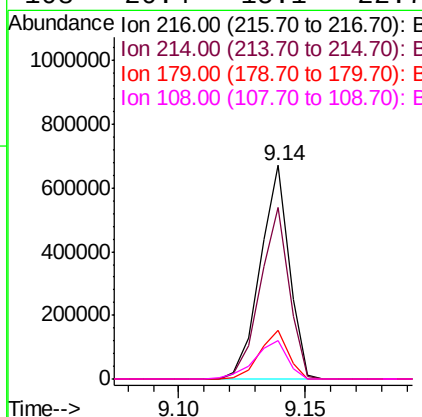
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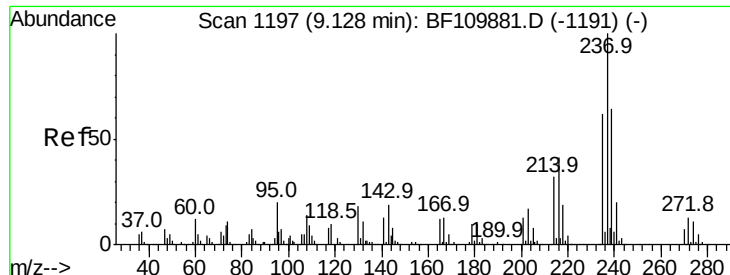
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.057 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF109885.D
 Acq: 15 Oct 2018 18:03

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.8	95.6
179	22.6	16.6	25.0
108	20.4	15.1	22.7





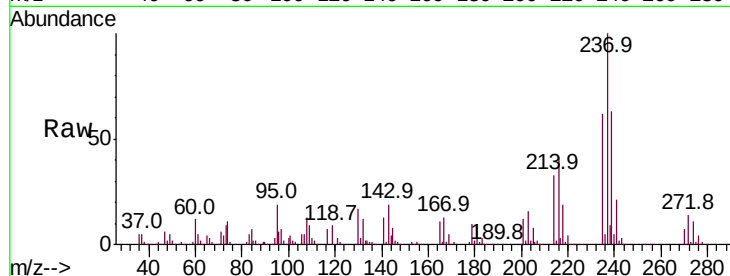
#41
Hexachlorocyclopentadiene
Concen: 42.267 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Instrument :
BNA_F
ClientSampleId :
ICVBF101518

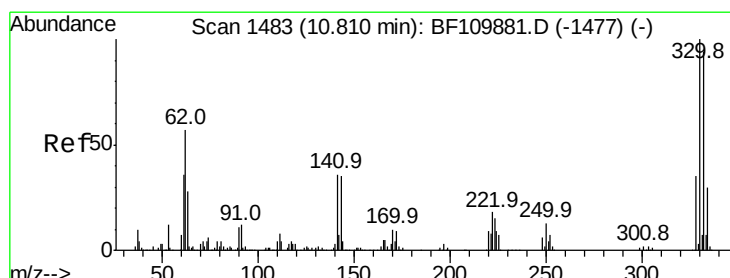
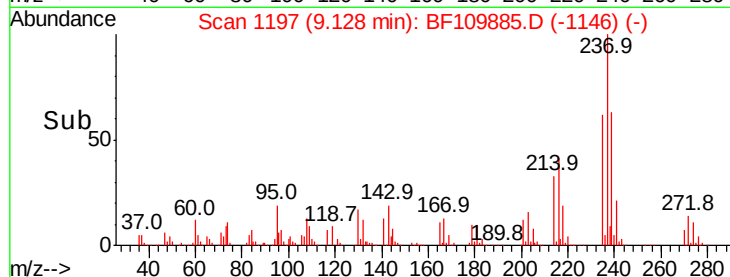
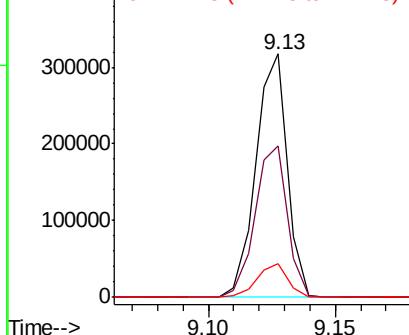
Tot Ion	Ratio	Resp	Lower	Upper
237	100	273018		
235	62.3	43.1	83.1	
272	14.0	0.0	32.6	

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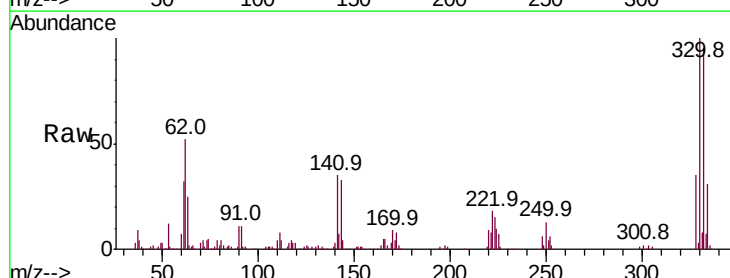


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

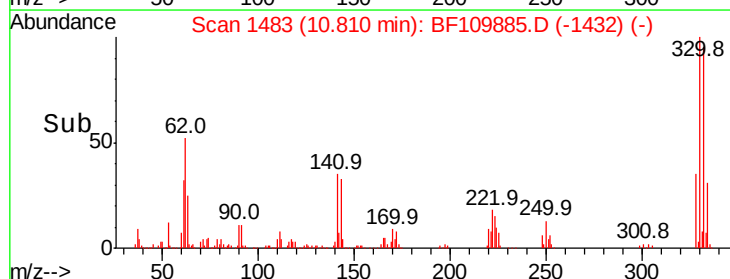
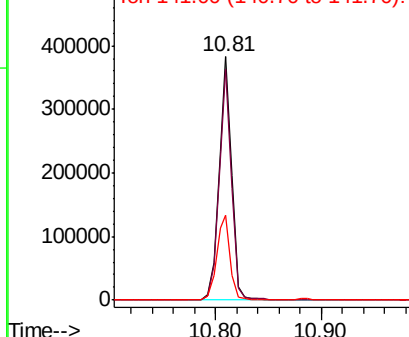


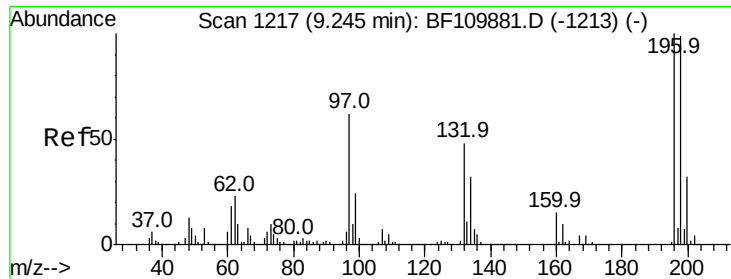
#42
2,4,6-Tribromophenol
Concen: 86.422 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	325098		
332	93.9	77.1	115.7	
141	36.9	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





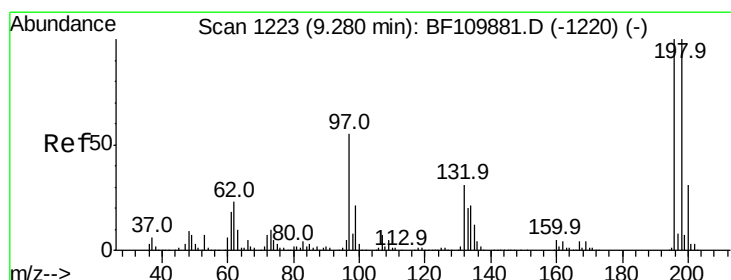
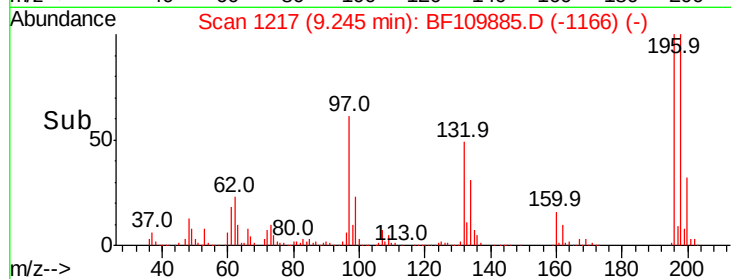
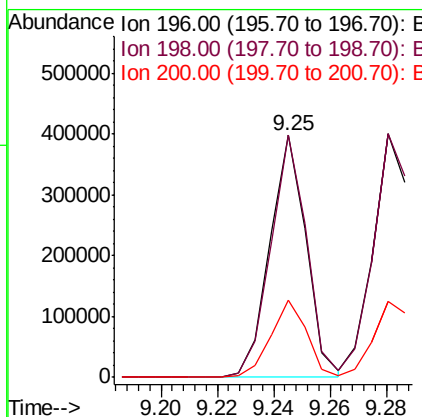
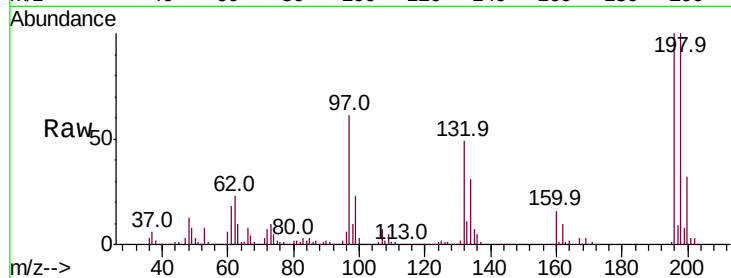
#43
 2,4,6-Trichlorophenol
 Concen: 42.367 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF109885.D
 Acq: 15 Oct 2018 18:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101518

Tot Ion	Ratio	Resp	Lower	Upper
196	100	354542		
198	100.0	76.2	114.4	
200	32.0	24.4	36.6	

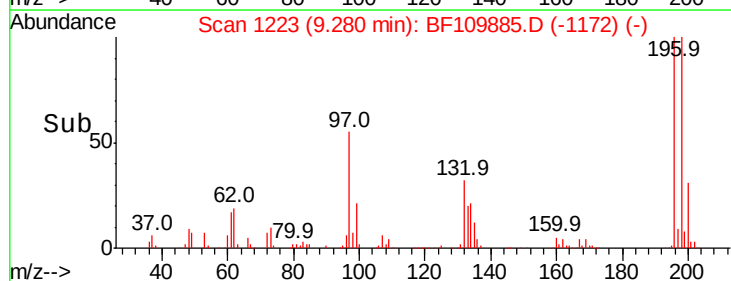
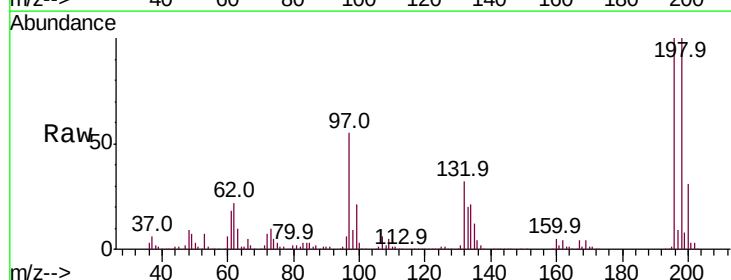
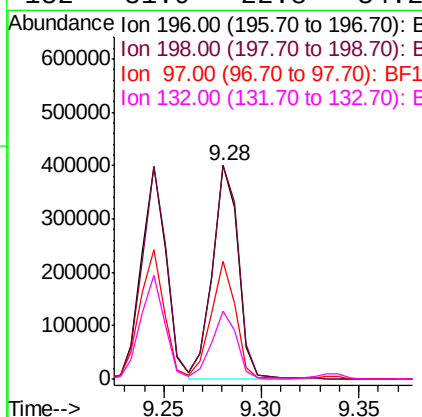
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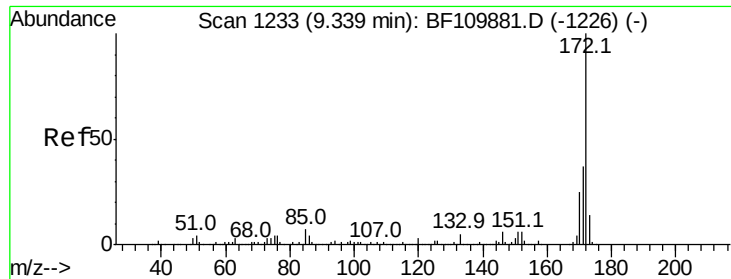
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 42.123 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF109885.D
 Acq: 15 Oct 2018 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	365844		
198	100.1	75.8	113.6	
97	55.4	42.4	63.6	
132	31.9	22.8	34.2	





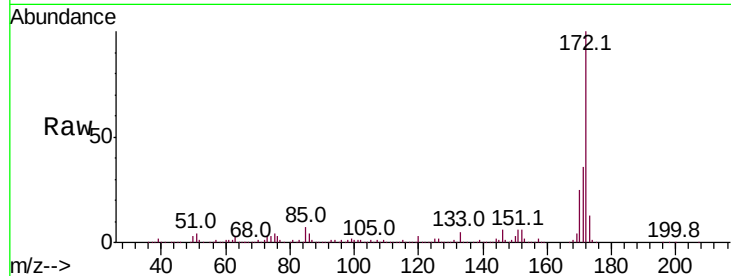
#45
2-Fluorobiphenyl
Concen: 78.725 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Instrument :
BNA_F
ClientSampleId :
ICVBF101518

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.6	19.7	29.5

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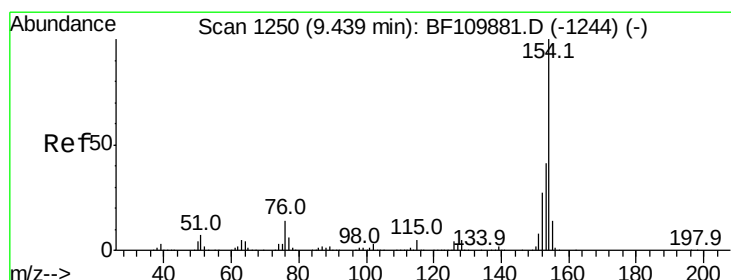
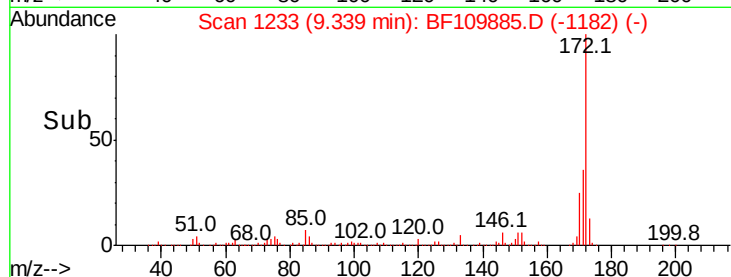
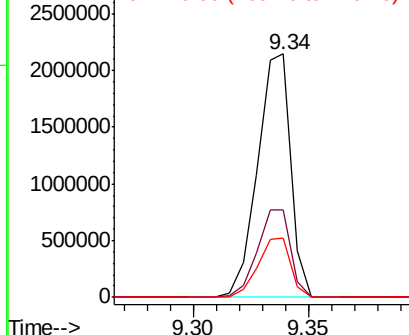


Abundance

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: 39.680 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

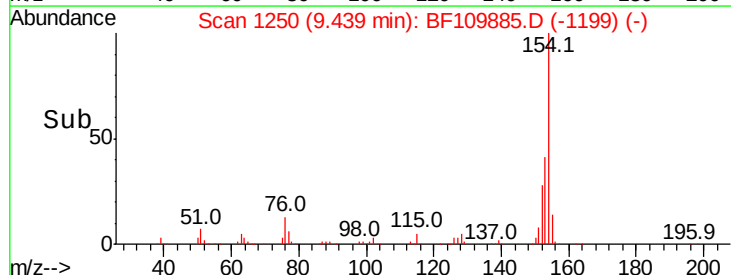
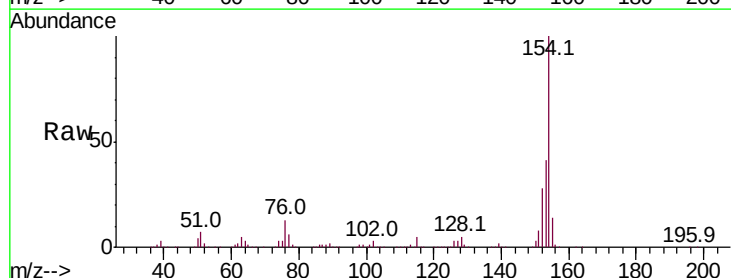
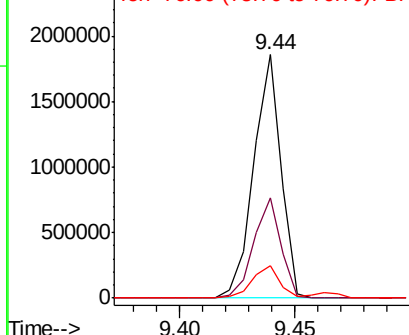
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.4	60.4
76	13.4	0.0	31.9

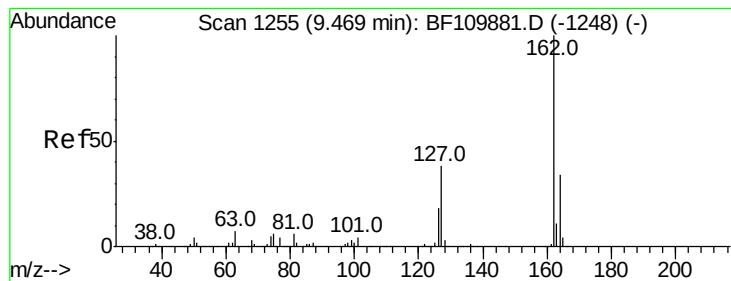
Abundance

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





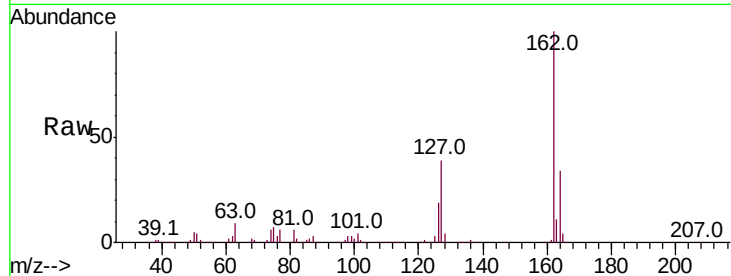
#47
 2-Chloronaphthalene
 Concen: 40.207 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: BF109885.D
 Acq: 15 Oct 2018 18:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101518

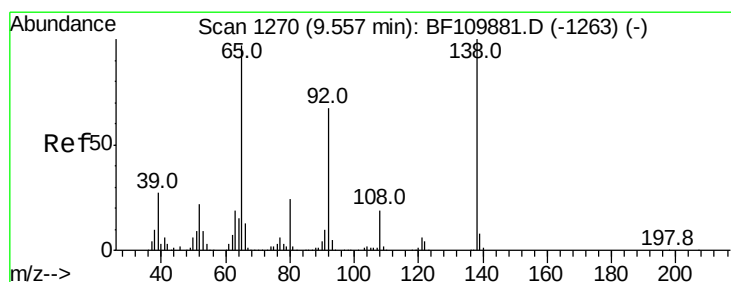
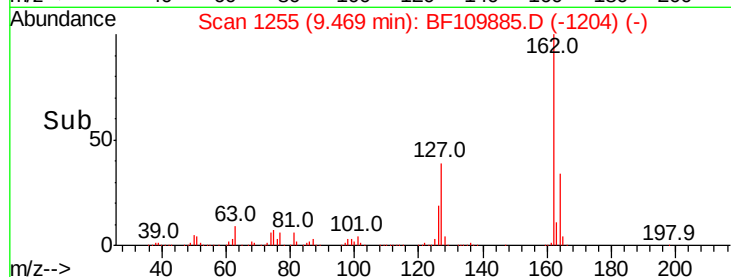
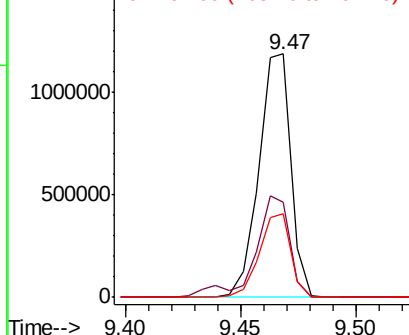
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	32.6	48.8
164	34.2	25.9	38.9

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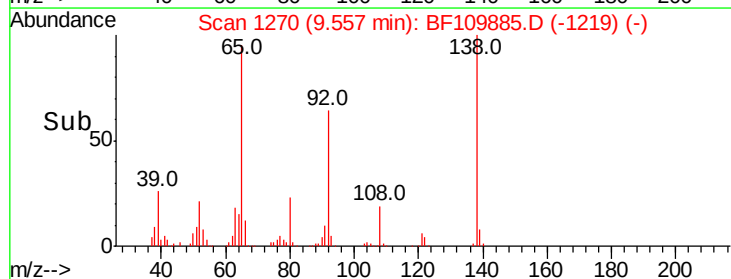
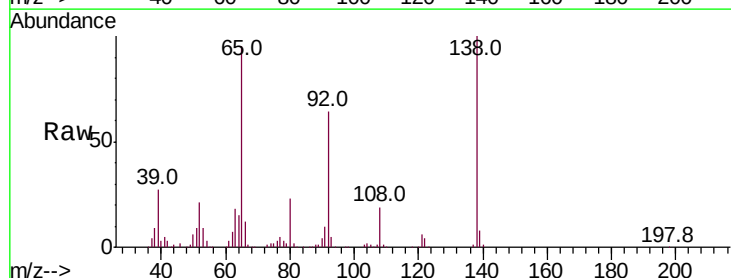
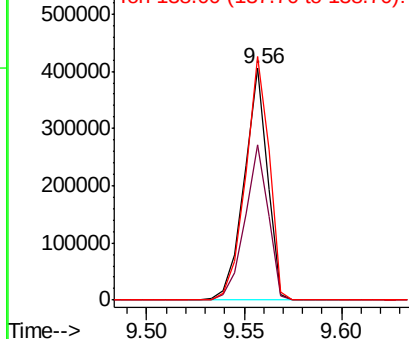
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

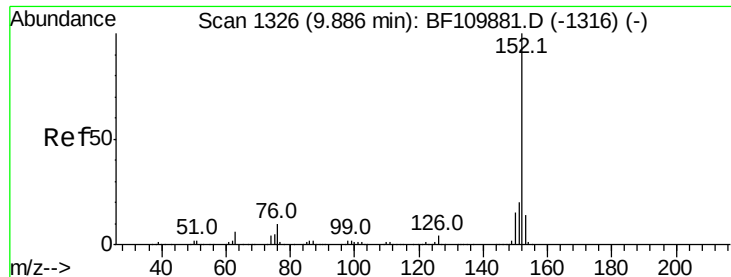


#48
 2-Nitroaniline
 Concen: 45.400 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BF109885.D
 Acq: 15 Oct 2018 18:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.8	54.6	81.8
138	104.9	80.3	120.5

Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.962 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF109885.D

Acq: 15 Oct 2018 18:03

Instrument :

BNA_F

ClientSampleId :

ICVBF101518

Tot Ion:152 Resp: 1655415

Ion Ratio Lower Upper

152 100

151 20.7 15.8 23.8

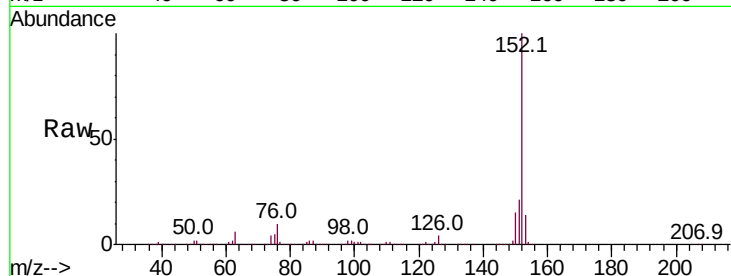
153 14.0 10.4 15.6

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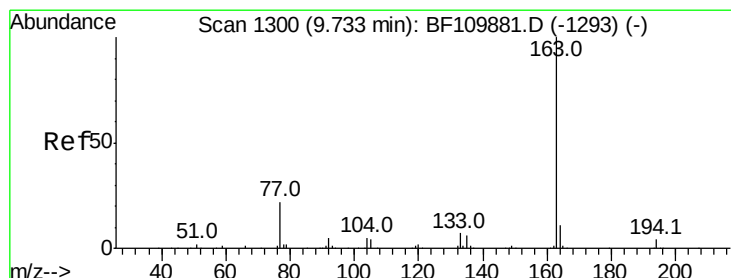
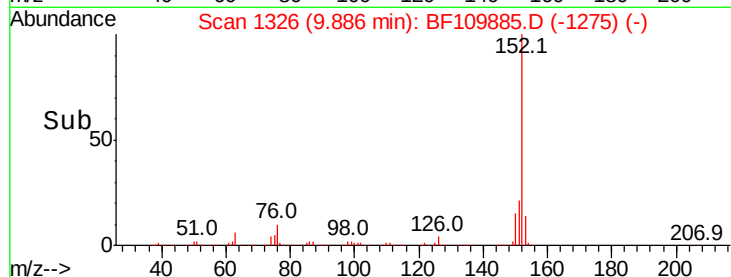
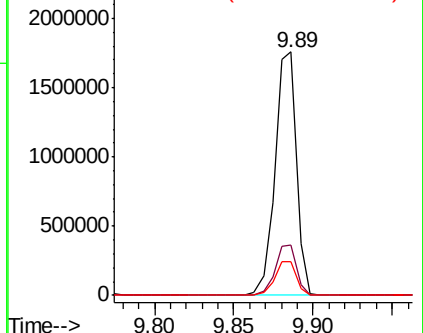
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.241 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BF109885.D

Acq: 15 Oct 2018 18:03

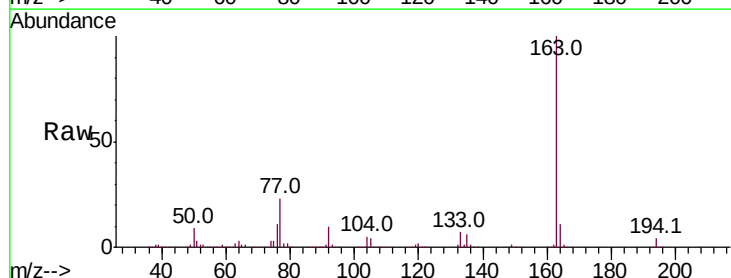
Tgt Ion:163 Resp: 1238069

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

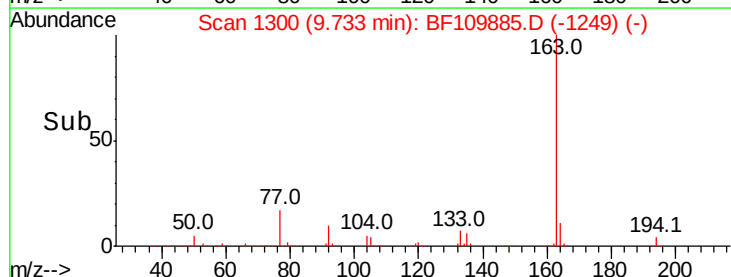
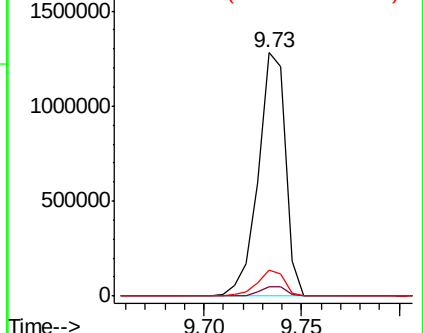
164 10.7 8.1 12.1

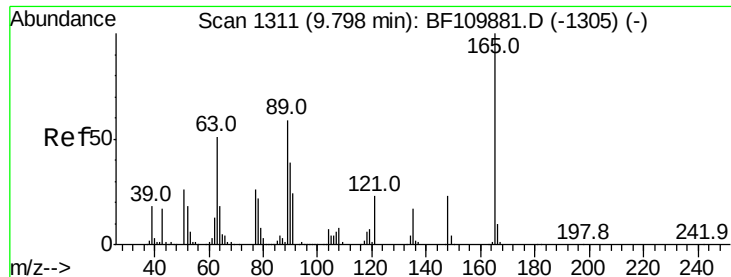


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.786 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF109885.D

Acq: 15 Oct 2018 18:03

Instrument :

BNA_F

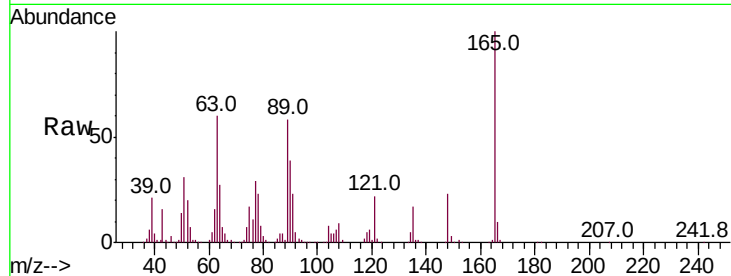
ClientSampleId :

ICVBF101518

Tot Ion:	165	Resp:	267552
Ion Ratio	Lower	Upper	
165	100		
63	60.1	48.9	73.3
89	57.9	46.6	69.8

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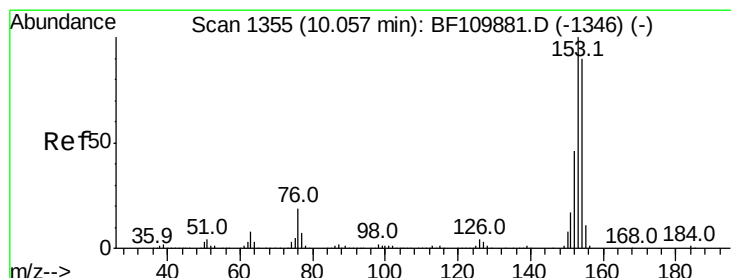
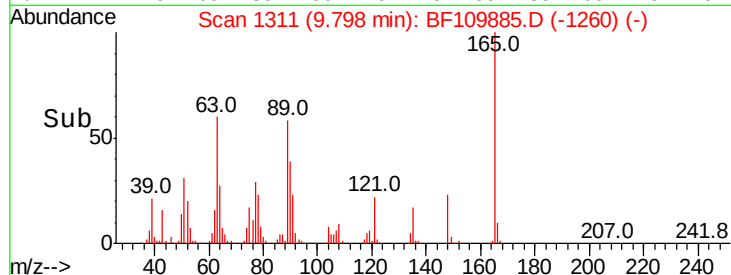
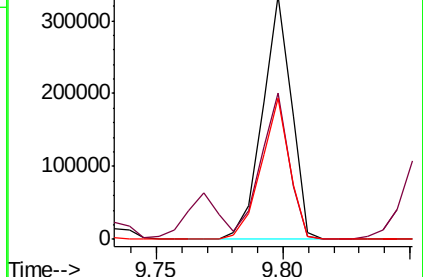
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.359 ng

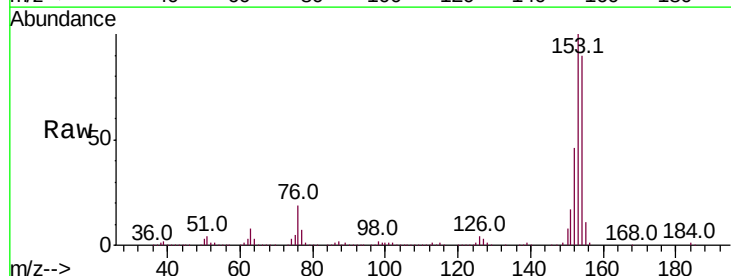
RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF109885.D

Acq: 15 Oct 2018 18:03

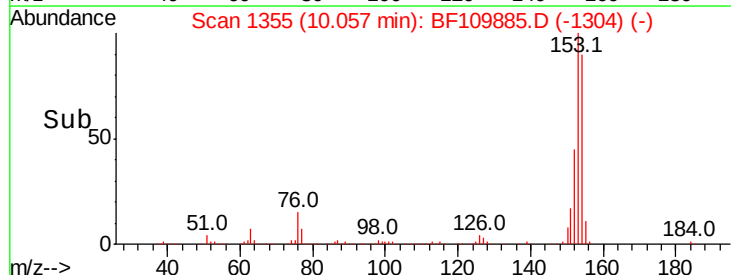
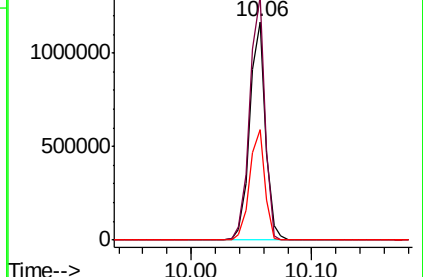
Tgt Ion:	154	Resp:	1064408
Ion Ratio	Lower	Upper	
154	100		
153	111.6	90.1	135.1
152	50.9	43.4	65.2

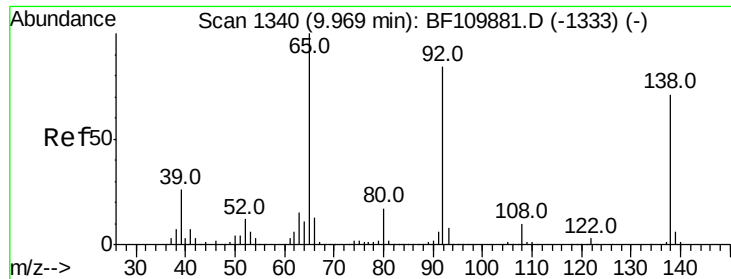


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





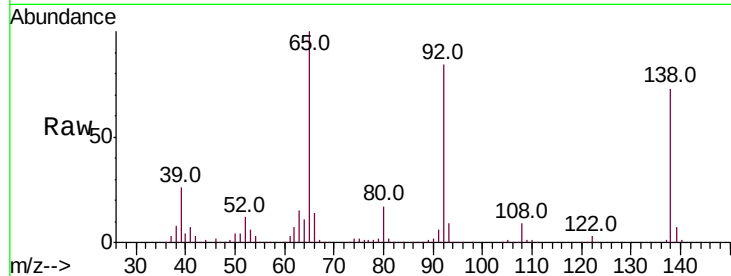
#53
3-Nitroaniline
Concen: 44.725 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Instrument :
BNA_F
ClientSampleId :
ICVBF101518

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.8	8.7	13.1
92	115.1	97.0	145.4

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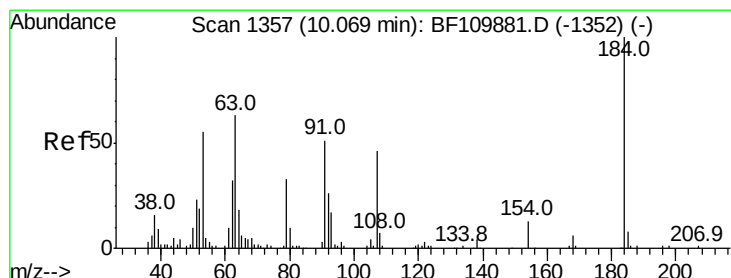
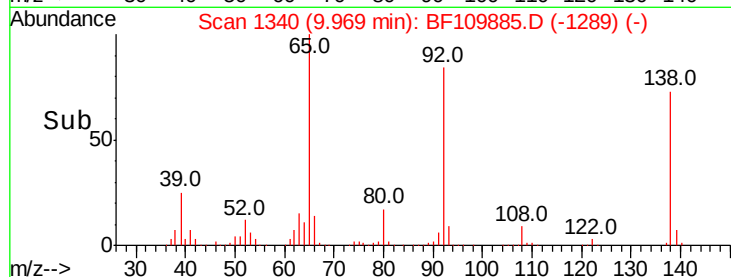
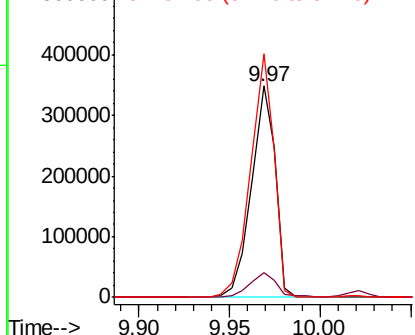


Abundance

Ion 138.00 (137.70 to 138.70): E

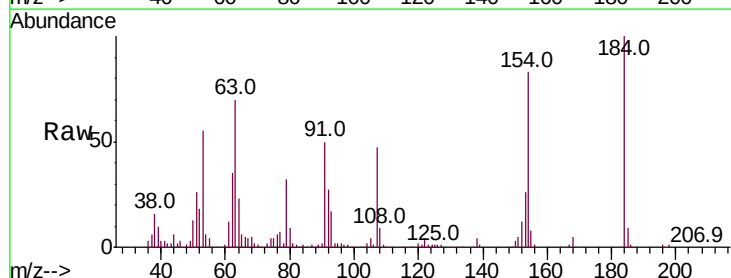
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 42.652 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.4	55.8	83.6
154	83.4	63.2	94.8

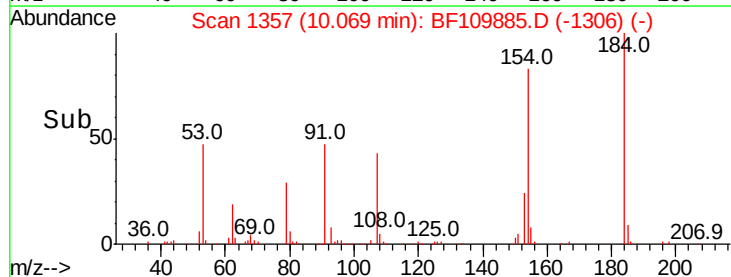
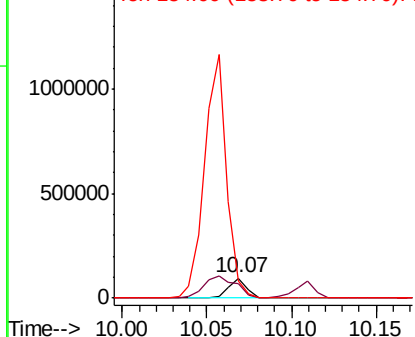


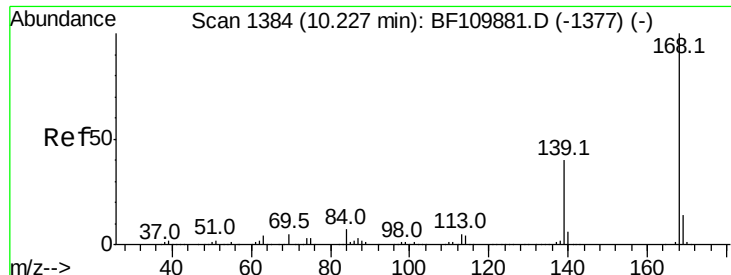
Abundance

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





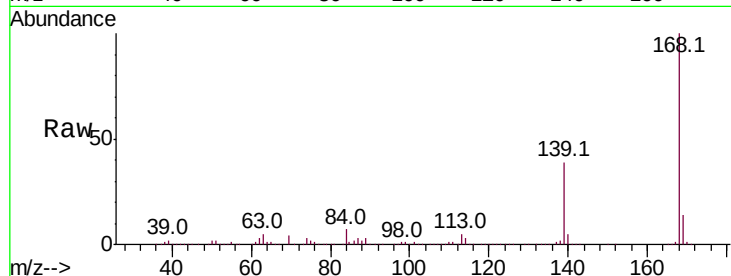
#55
Dibenzofuran
Concen: 40.128 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Instrument :
BNA_F
ClientSampleId :
ICVBF101518

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.9	33.0	49.6
169	13.8	11.3	16.9

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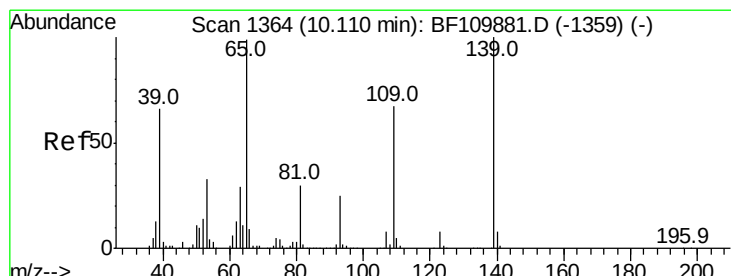
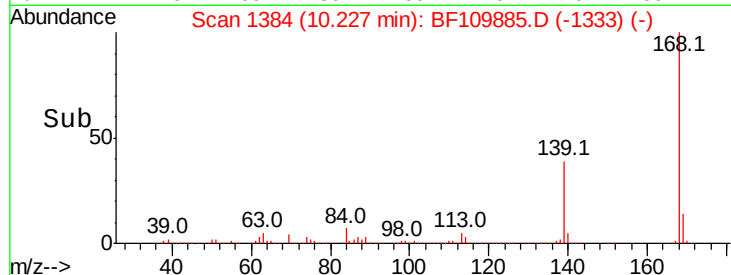
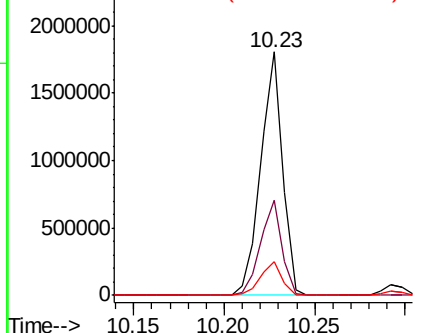


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 44.534 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

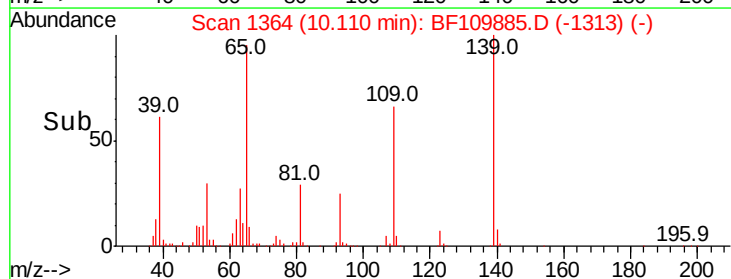
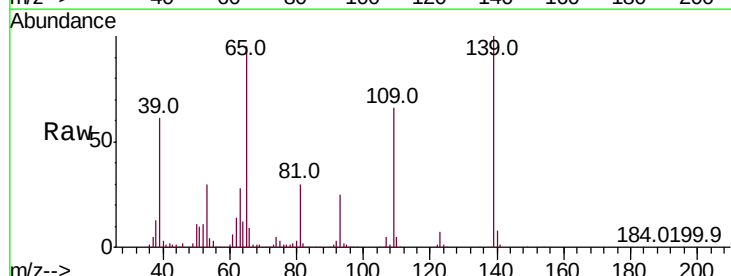
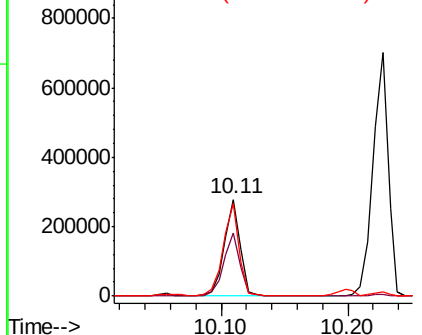
Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.8	55.8	95.8
65	95.3	77.9	117.9

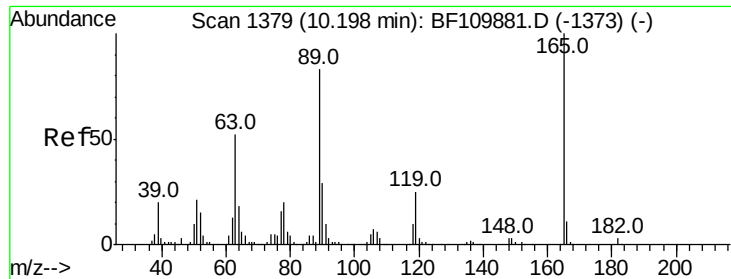
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 44.483 ng

RT: 10.20 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BF109885.D

Acq: 15 Oct 2018 18:03

Instrument :

BNA_F

ClientSampleId :

ICVBF101518

Tot Ion:165 Resp: 325619
Ion Ratio Lower Upper

165 100

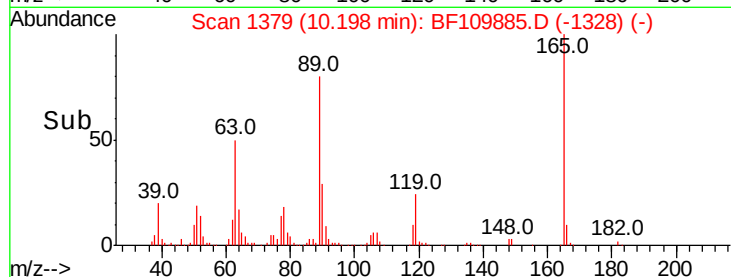
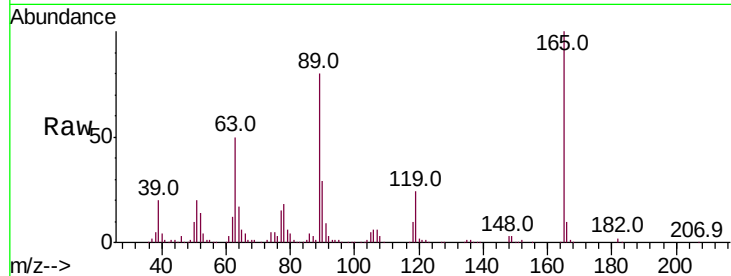
63 49.9 44.8 67.2

89 79.7 62.2 93.4

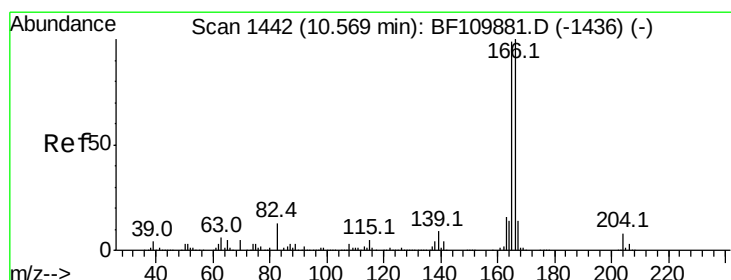
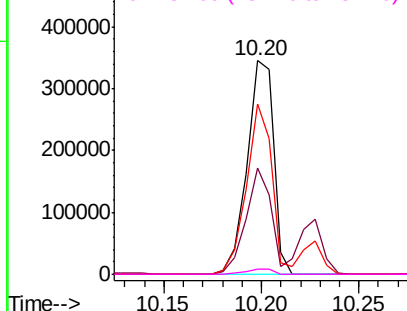
182 2.4 2.1 3.1

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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: 39.798 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BF109885.D

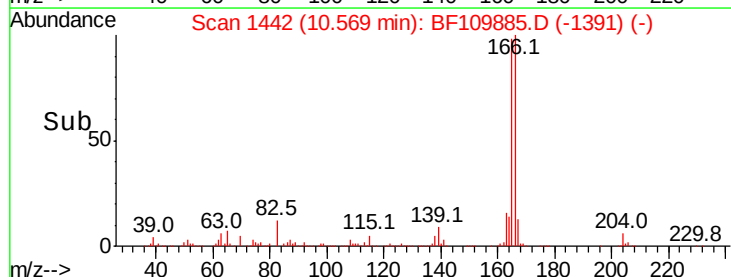
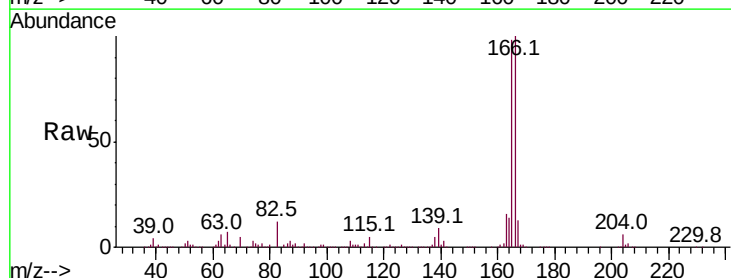
Acq: 15 Oct 2018 18:03

Tgt Ion:166 Resp: 1089645
Ion Ratio Lower Upper

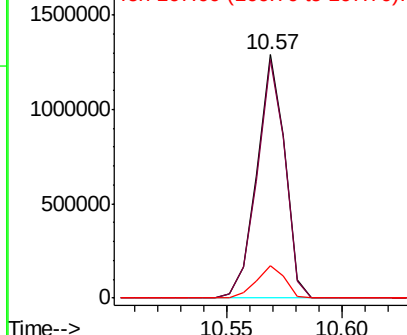
166 100

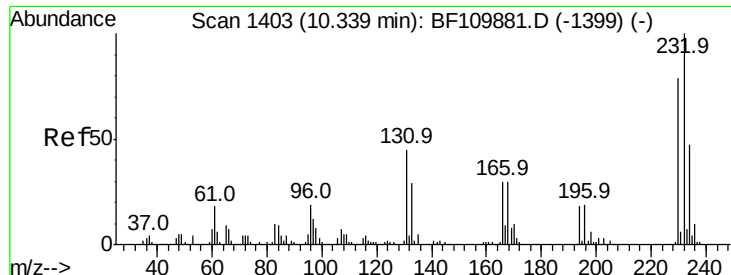
165 97.9 78.6 117.8

167 13.5 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





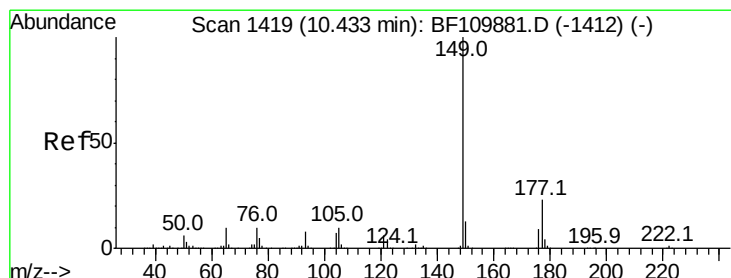
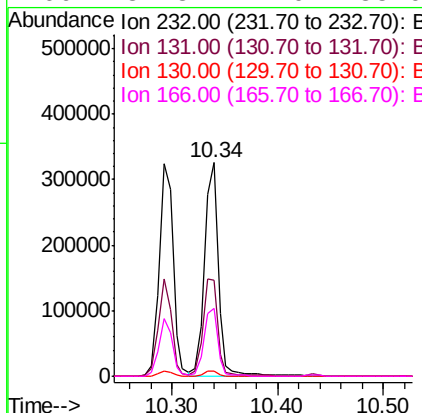
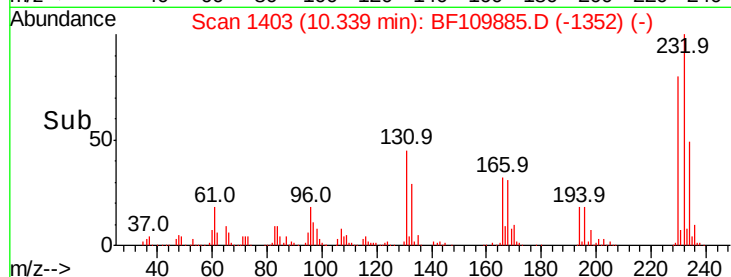
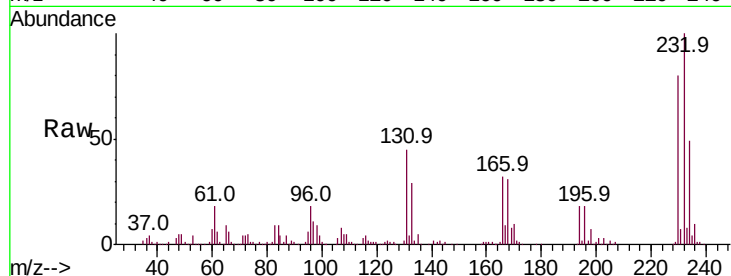
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.574 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: BF109885.D
 Acq: 15 Oct 2018 18:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101518

Tot Ion	Ratio	Resp	Lower	Upper
232	100	293050		
131	49.2		37.0	55.4
130	2.4		1.8	2.6
166	32.3		22.0	33.0

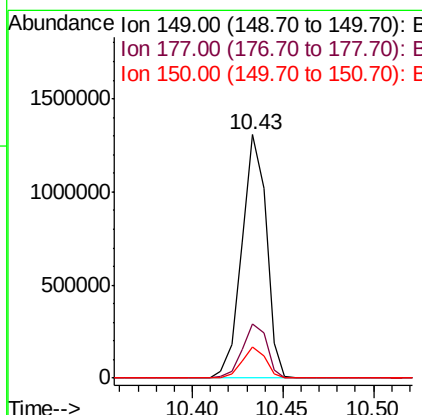
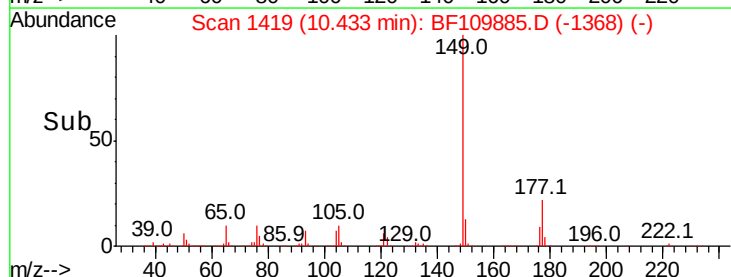
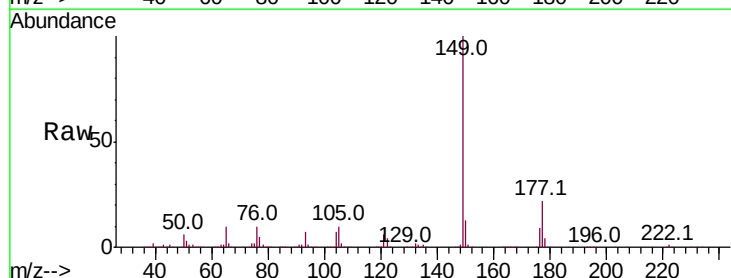
Manual Integrations
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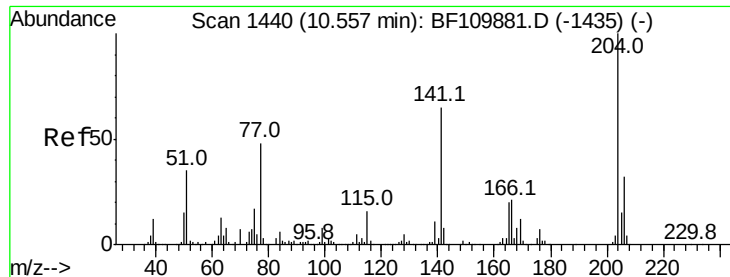
Sohil
 10/16/2018 9:57:26 AM



#60
 Diethylphthalate
 Concen: 40.369 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.00 min
 Lab File: BF109885.D
 Acq: 15 Oct 2018 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1226691		
177	22.3		17.4	26.2
150	12.9		9.8	14.8





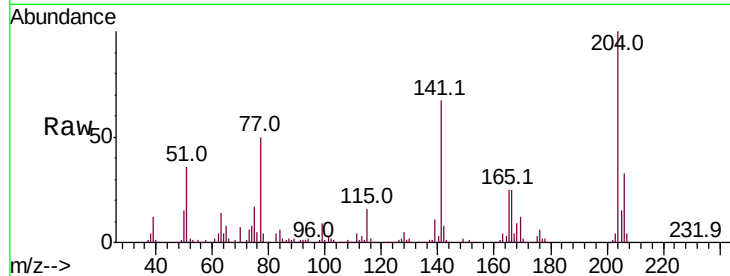
#61
4-Chlorophenyl-phenylether
Concen: 39.999 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Instrument :
BNA_F
ClientSampleId :
ICVBF101518

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.5	39.7
141	66.6	51.8	77.8

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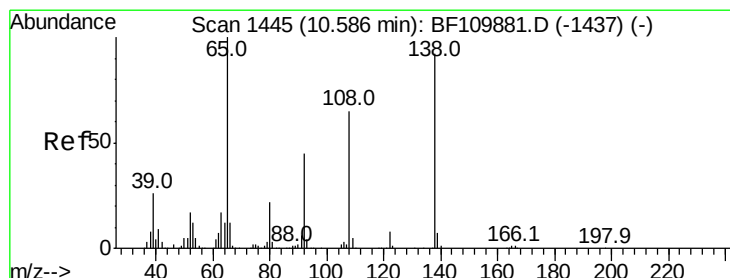
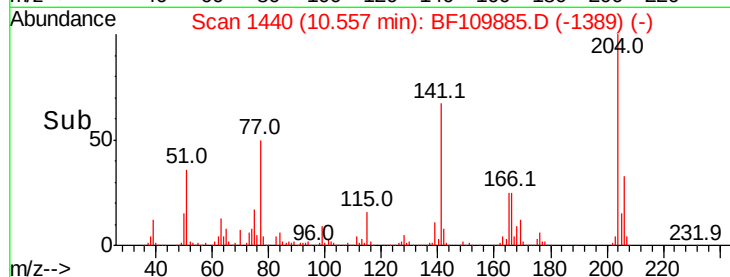
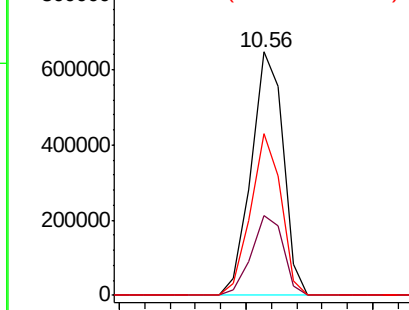


Abundance

Ion 204.00 (203.70 to 204.70): E

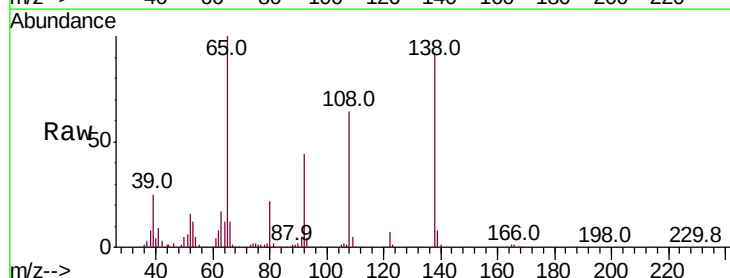
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 43.594 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.6	31.7	71.7
108	69.9	59.3	99.3

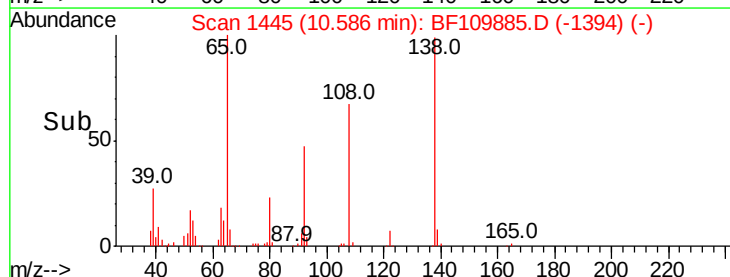
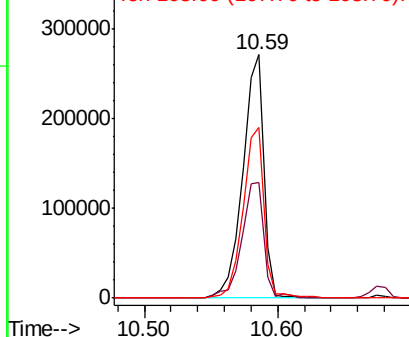


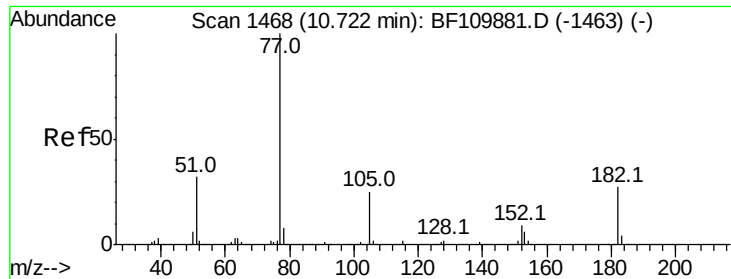
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





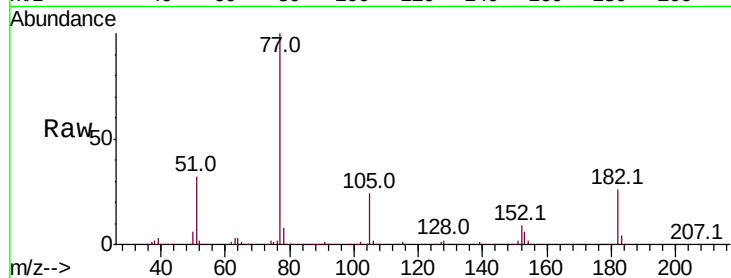
#63
Azobenzene
Concen: 39.422 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Instrument :
BNA_F
ClientSampleId :
ICVBF101518

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.5	4.3	44.3
105	24.2	1.3	41.3
51	31.6	9.0	49.0

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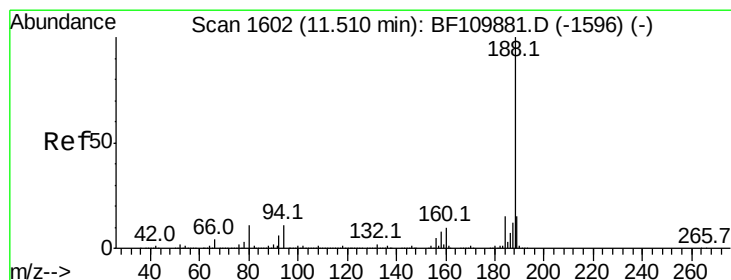
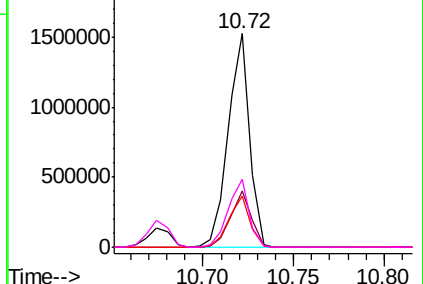
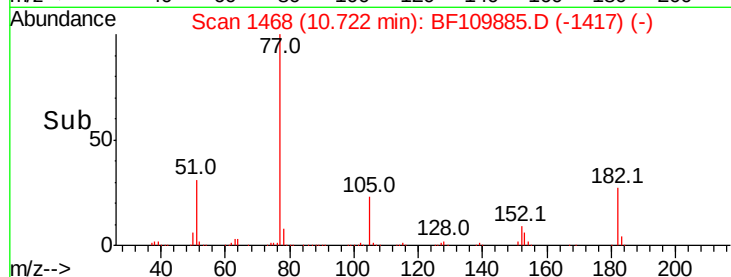
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

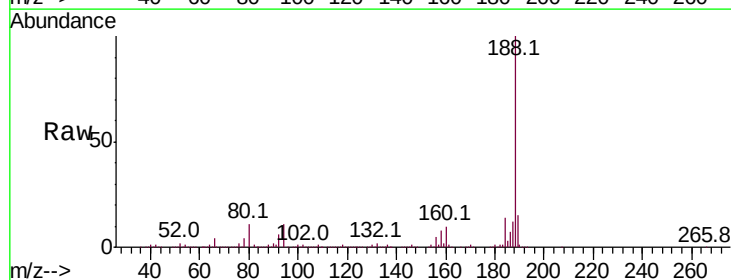
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	7.2	10.8
80	11.2	7.9	11.9

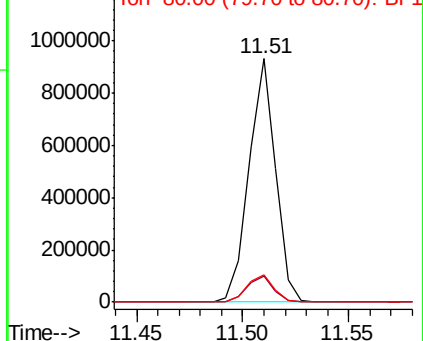
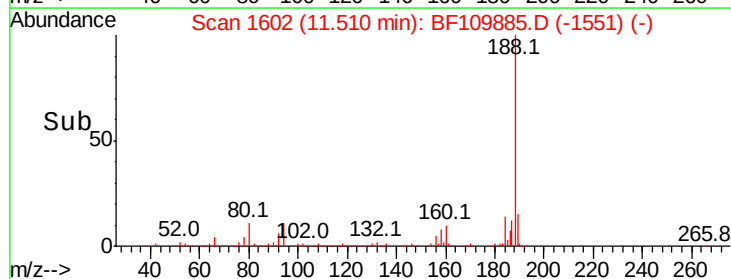


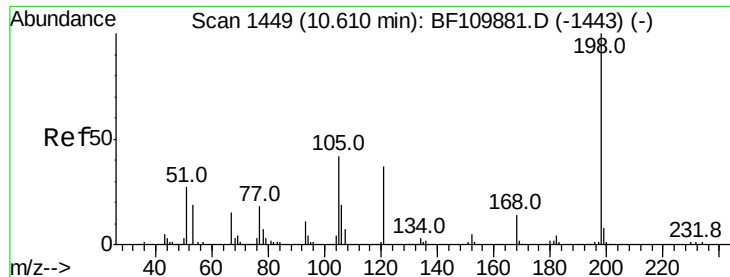
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





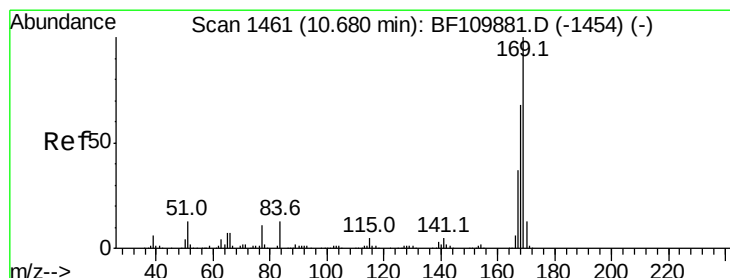
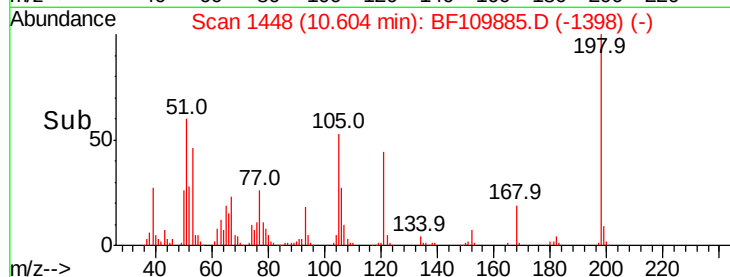
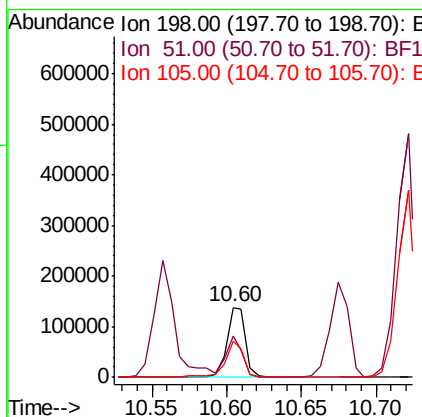
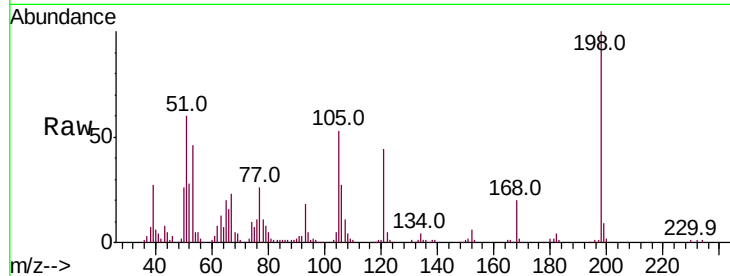
#65
4,6-Dinitro-2-methylphenol
Concen: 42.765 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Instrument :
BNA_F
ClientSampleId :
ICVBF101518

Tot Ion	Ratio	Resp	Lower	Upper
198	100	122634		
51	59.7	22.8	62.8	
105	52.9	23.6	63.6	

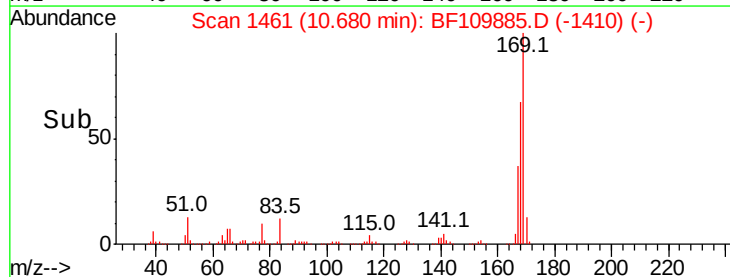
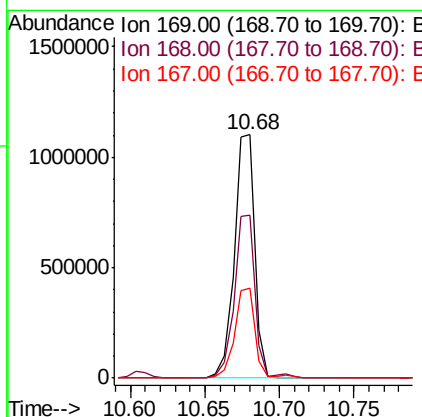
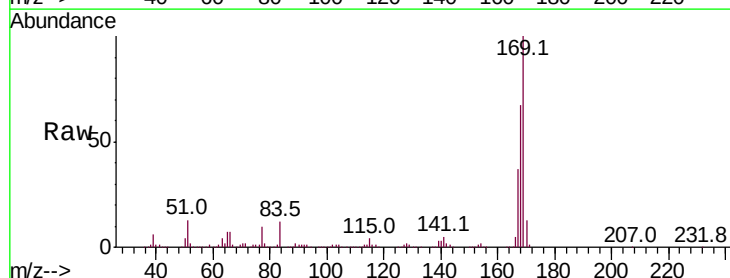
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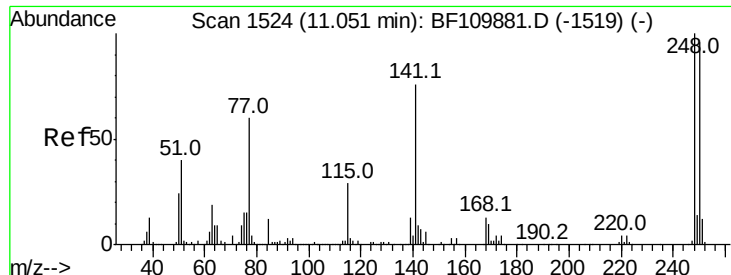
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 39.150 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1057660		
168	66.7	51.2	76.8	
167	37.0	27.8	41.6	





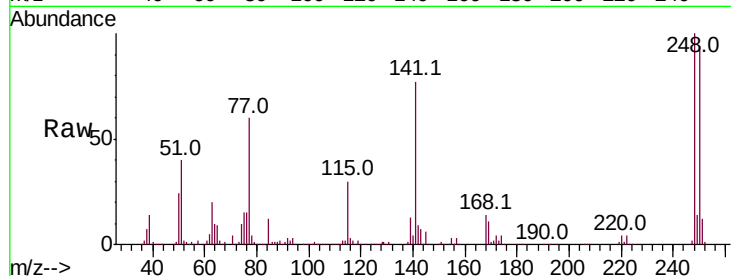
#67
 4-Bromophenyl-phenylether
 Concen: 39.668 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.00 min
 Lab File: BF109885.D
 Acq: 15 Oct 2018 18:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101518

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.4	79.4	119.2
141	77.3	55.9	83.9

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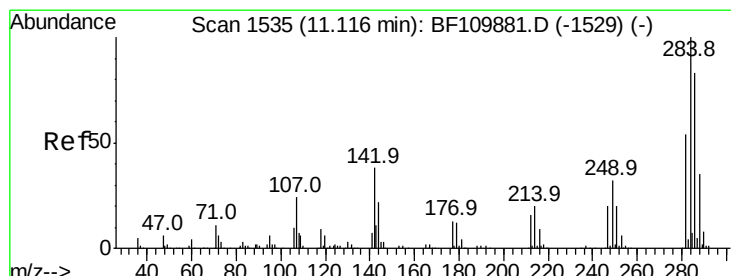
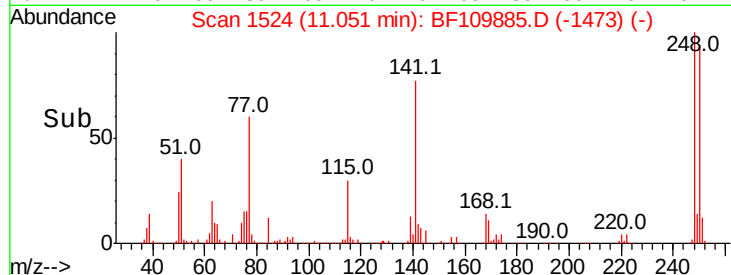
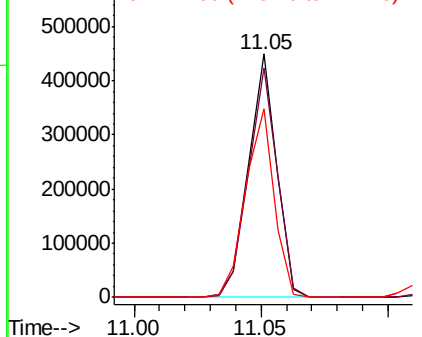


Abundance

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: 39.865 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: BF109885.D
 Acq: 15 Oct 2018 18:03

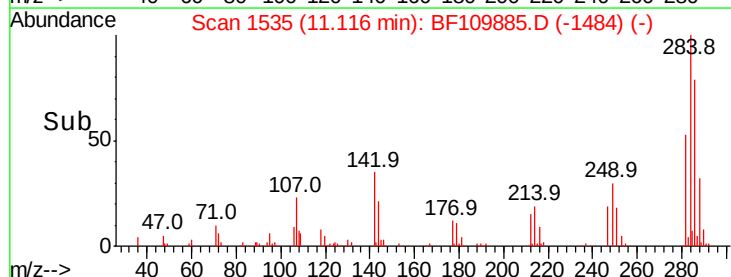
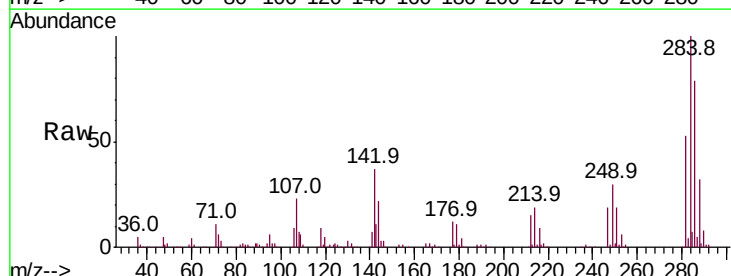
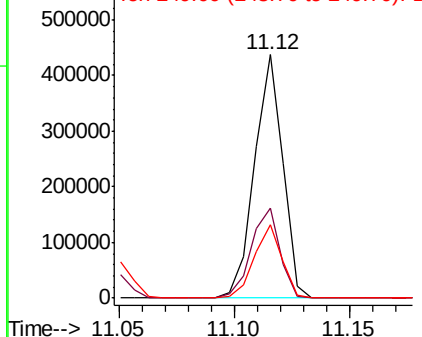
Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.9	23.9	35.9#
249	30.2	24.2	36.2

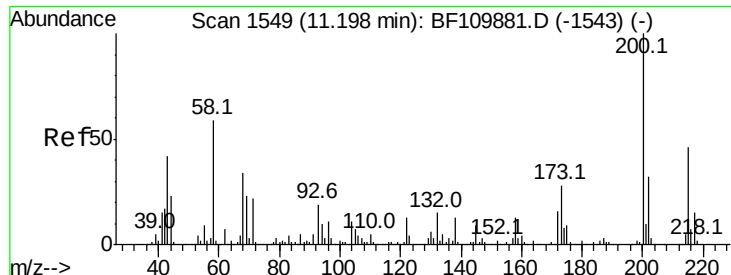
Abundance

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





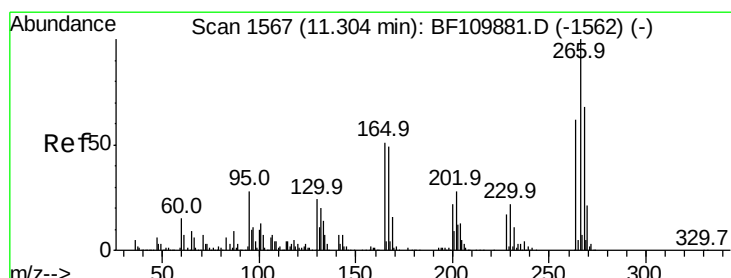
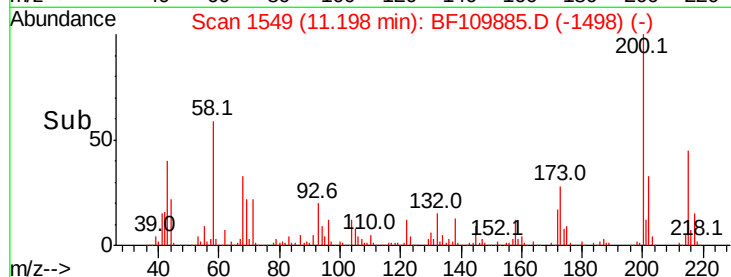
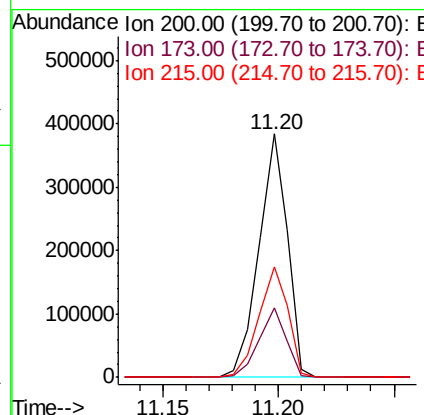
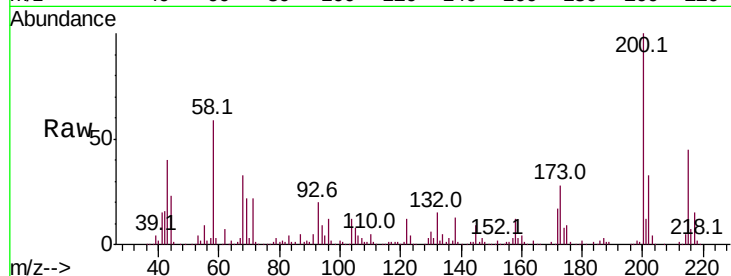
#69
 Atrazine
 Concen: 39.250 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.00 min
 Lab File: BF109885.D
 Acq: 15 Oct 2018 18:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101518

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.4	6.6	46.6
215	45.4	26.3	66.3

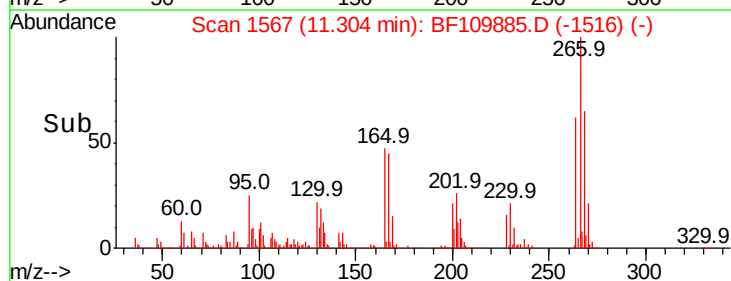
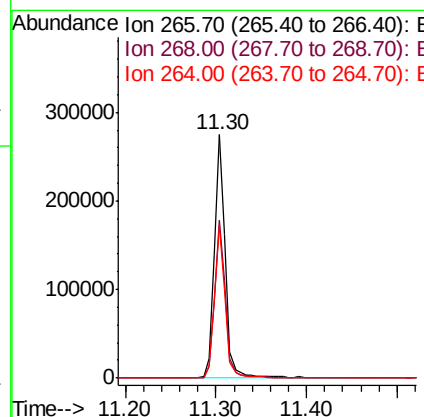
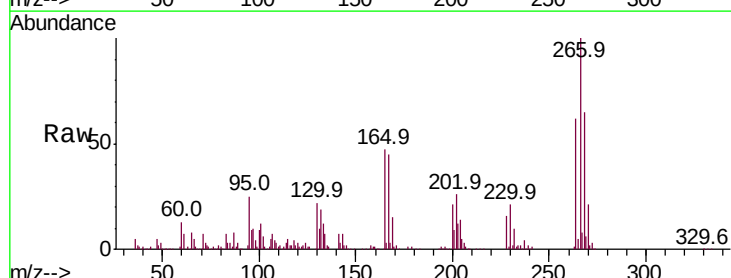
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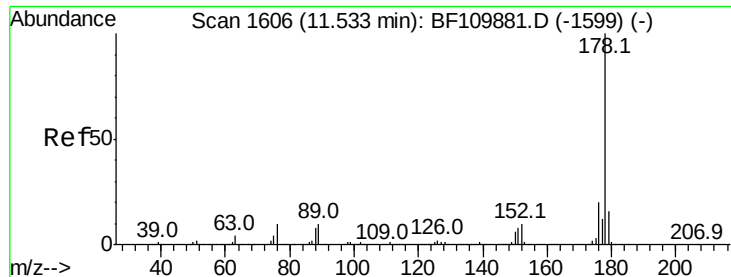
Sohil
 10/16/2018 9:57:26 AM



#70
 Pentachlorophenol
 Concen: 44.400 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: BF109885.D
 Acq: 15 Oct 2018 18:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.9	50.6	75.8
264	62.5	50.6	75.8





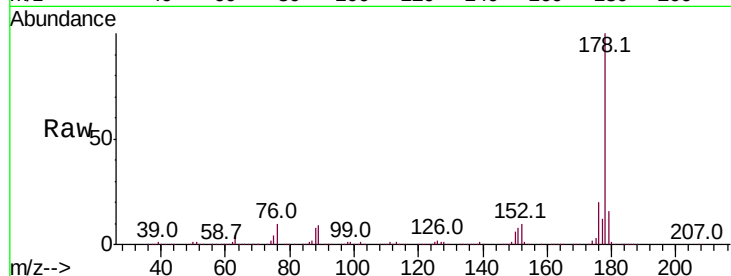
#71
Phenanthrene
Concen: 38.806 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Instrument :
BNA_F
ClientSampleId :
ICVBF101518

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.5	23.3
179	16.4	12.5	18.7

Manual Integrations
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10/16/2018 9:57:26 AM

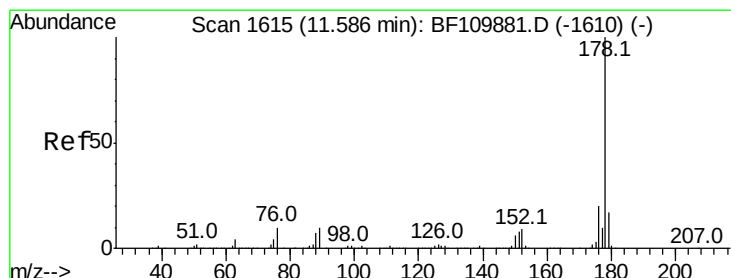
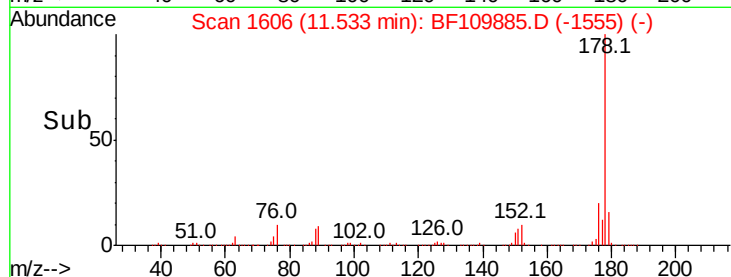
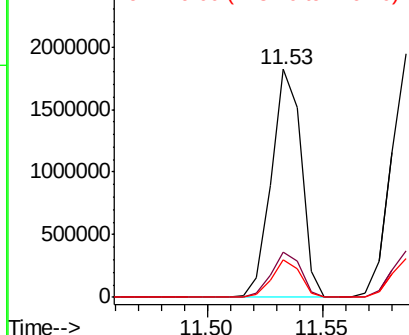


Abundance

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: 39.223 ng
RT: 11.59 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

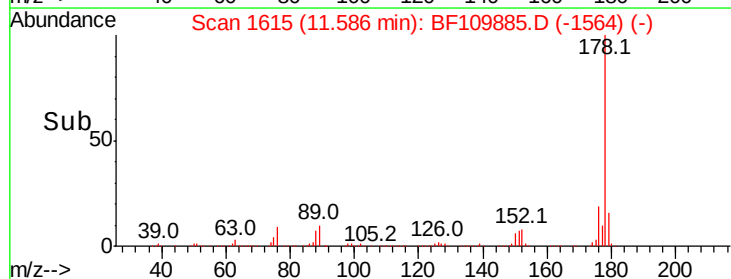
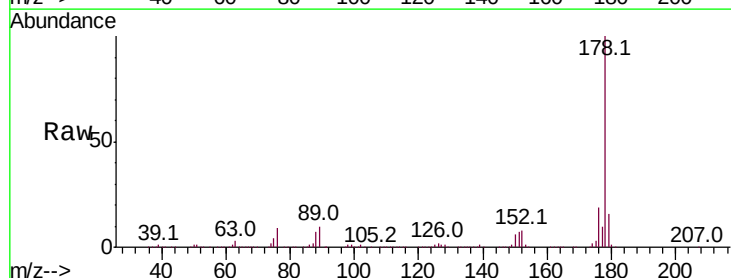
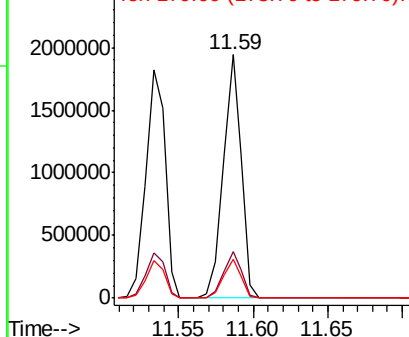
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	16.0	12.6	18.8

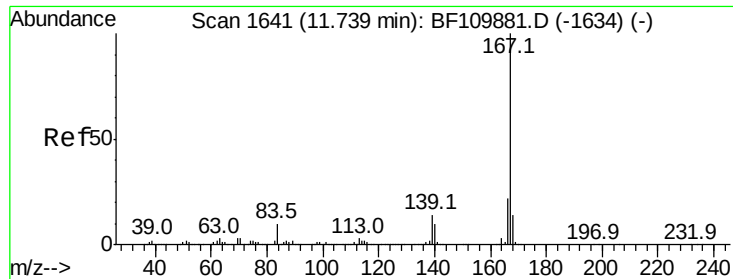
Abundance

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





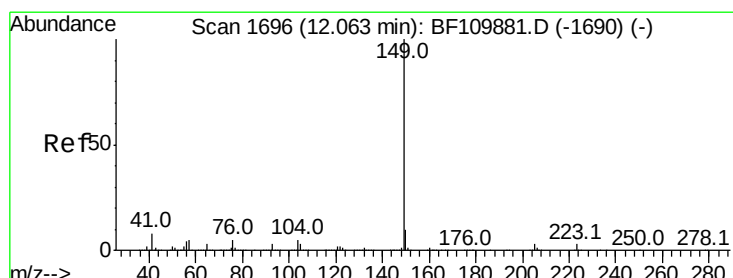
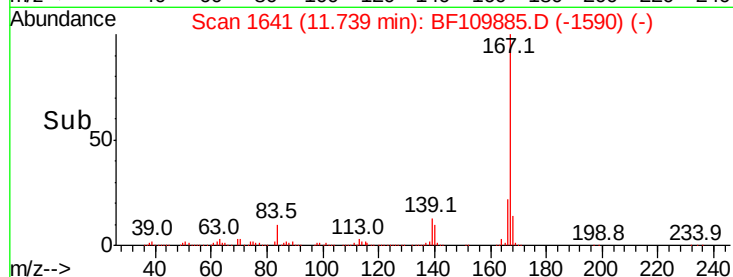
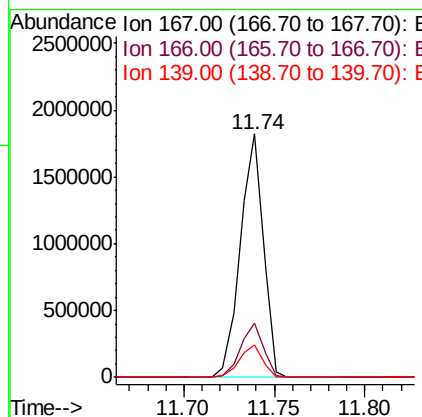
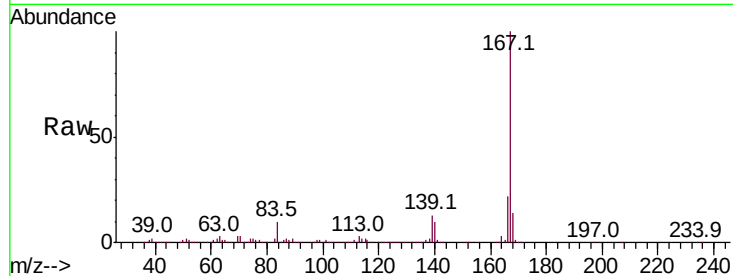
#73
 Carbazole
 Concen: 38.703 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BF109885.D
 Acq: 15 Oct 2018 18:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101518

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.4	26.0
139	13.4	10.9	16.3

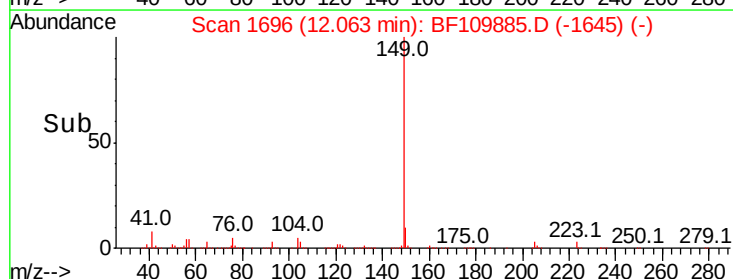
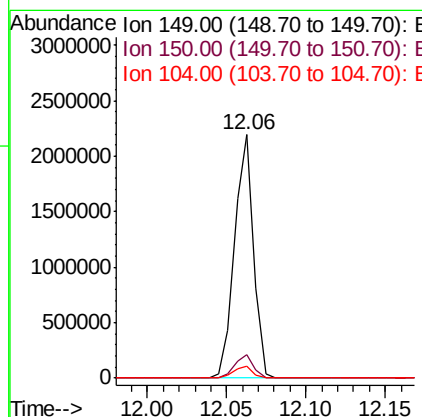
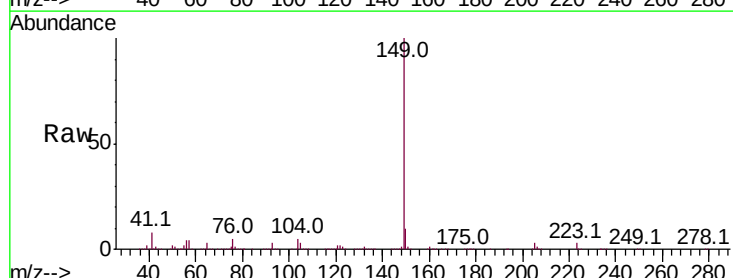
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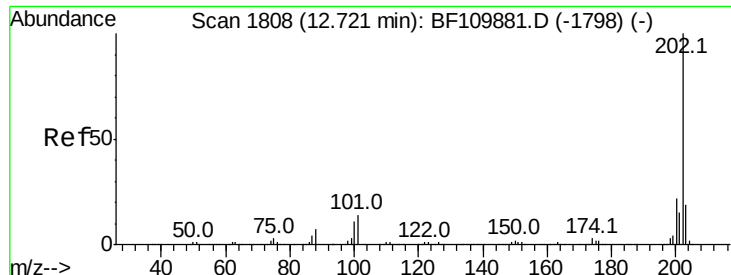
Sohil
 10/16/2018 9:57:26 AM



#74
 Di-n-butylphthalate
 Concen: 39.140 ng
 RT: 12.06 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BF109885.D
 Acq: 15 Oct 2018 18:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	4.9	4.2	6.4





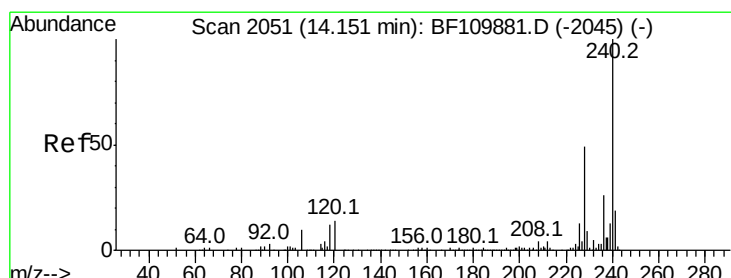
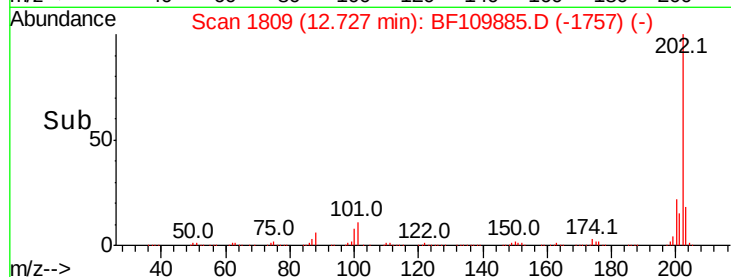
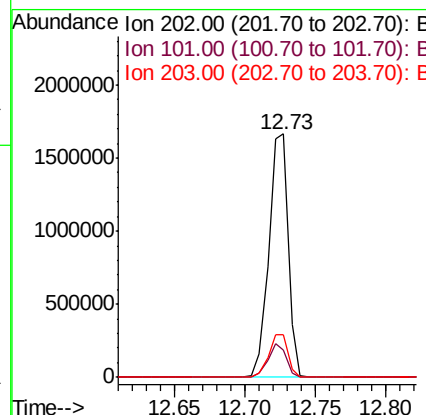
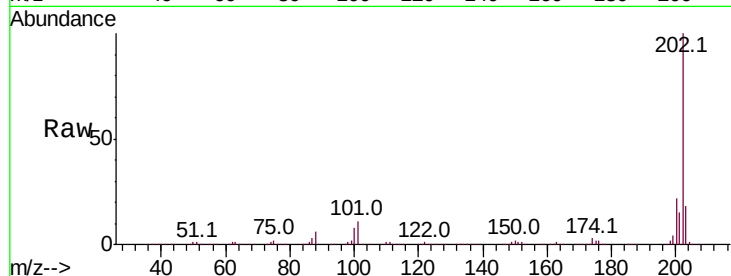
#75
Fluoranthene
Concen: 38.870 ng
RT: 12.73 min Scan# 1809
Delta R.T. 0.01 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Instrument :
BNA_F
ClientSampleId :
ICVBF101518

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1630615		
101	11.5	0.0	31.4	
203	17.6	0.0	37.7	

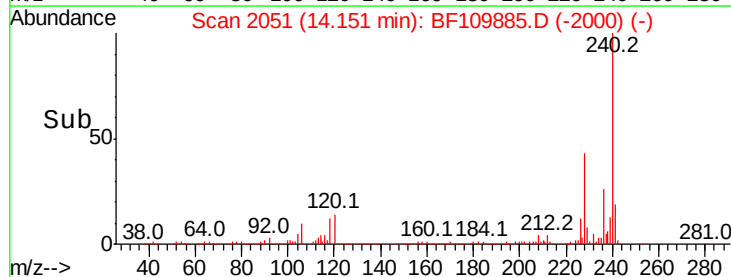
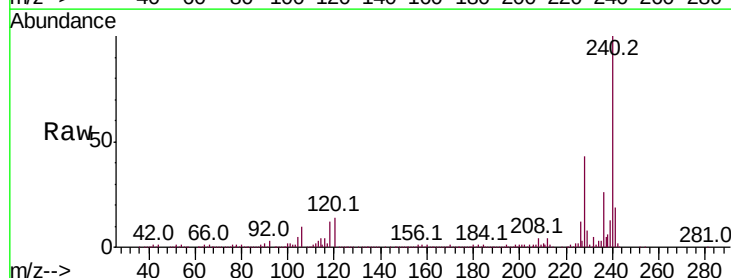
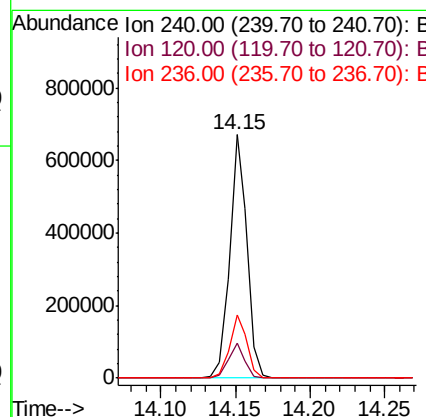
Manual Integrations
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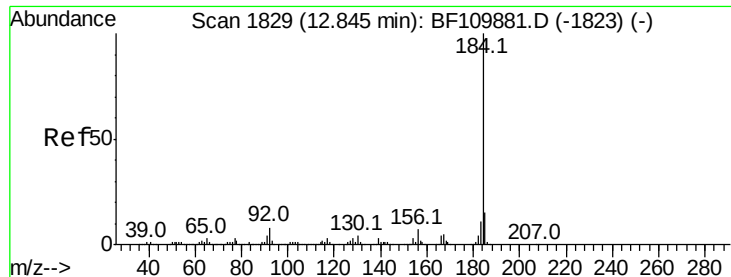
Sohil
10/16/2018 9:57:26 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	552034		
120	14.3	8.3	12.5#	
236	25.8	21.2	31.8	





#77

Benzidine

Concen: 34.405 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF109885.D

Acq: 15 Oct 2018 18:03

Instrument :

BNA_F

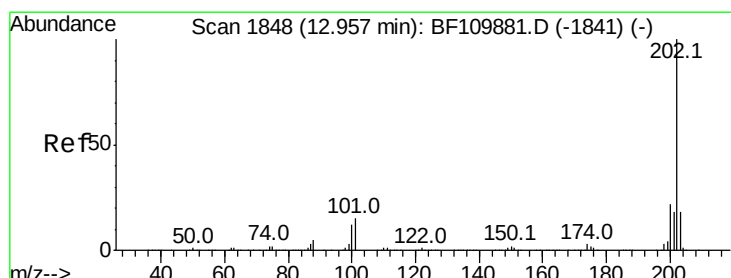
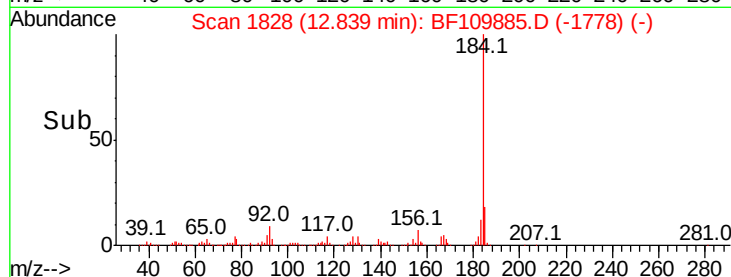
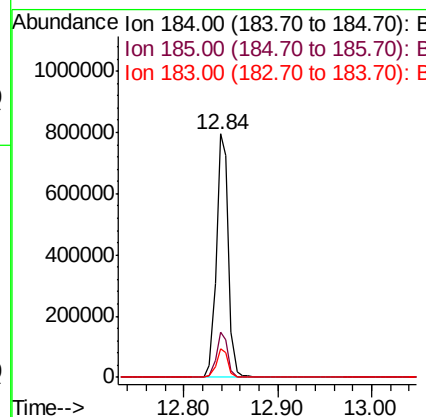
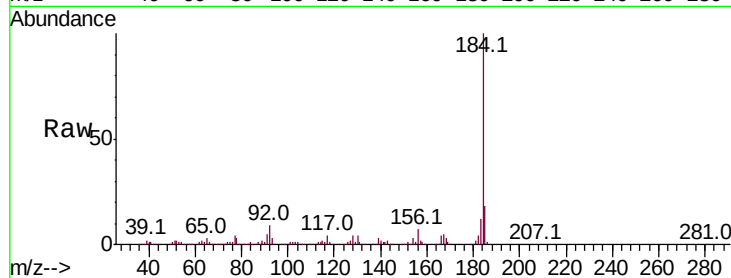
ClientSampleId :

ICVBF101518

Tot Ion:	184	Resp:	728217
Ion Ratio	Lower	Upper	
184	100		
185	18.5	13.4	20.2
183	11.5	9.4	14.2

Manual Integrations
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#78

Pyrene

Concen: 40.757 ng

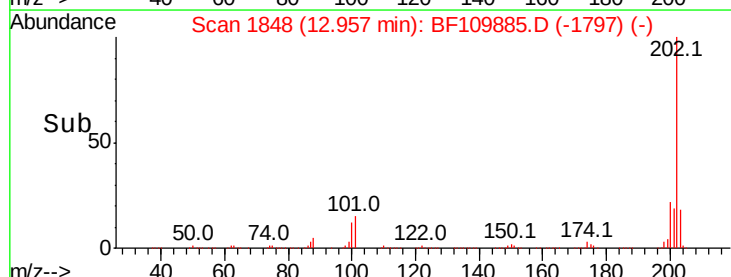
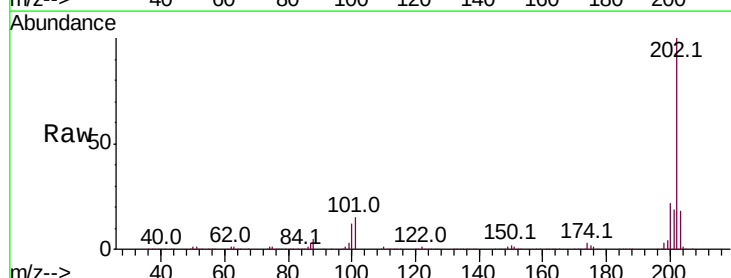
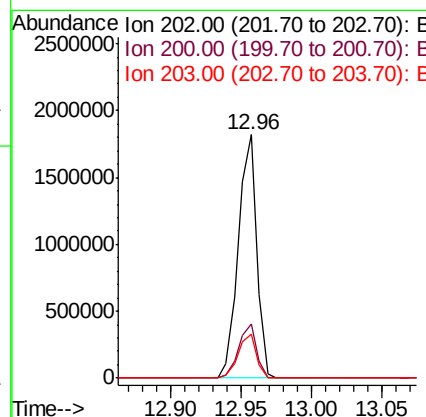
RT: 12.96 min Scan# 1848

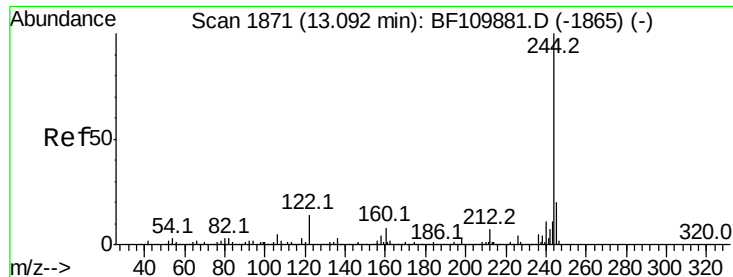
Delta R.T. -0.00 min

Lab File: BF109885.D

Acq: 15 Oct 2018 18:03

Tgt Ion:	202	Resp:	1652491
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.8	26.6
203	18.0	14.2	21.4





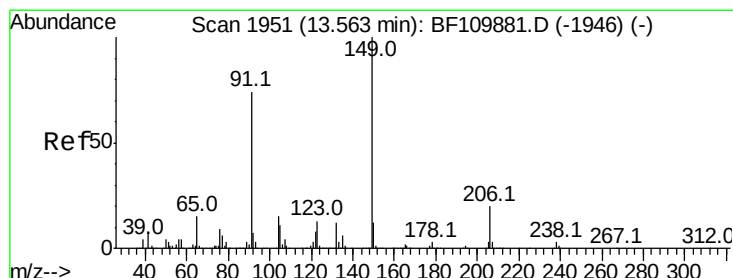
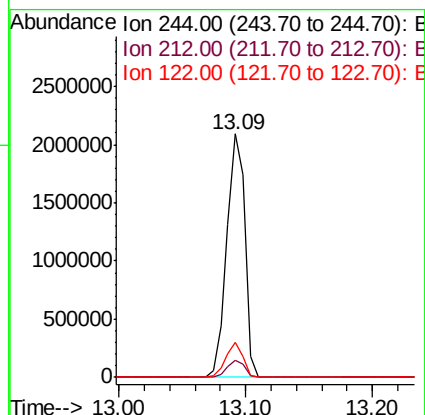
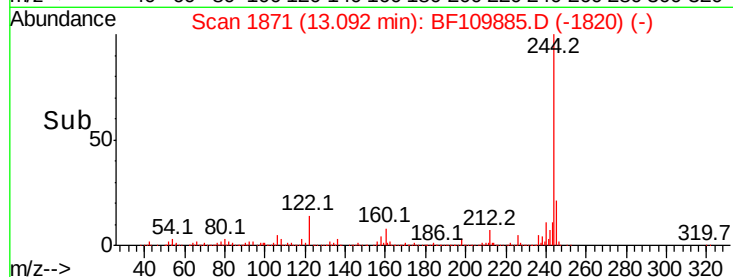
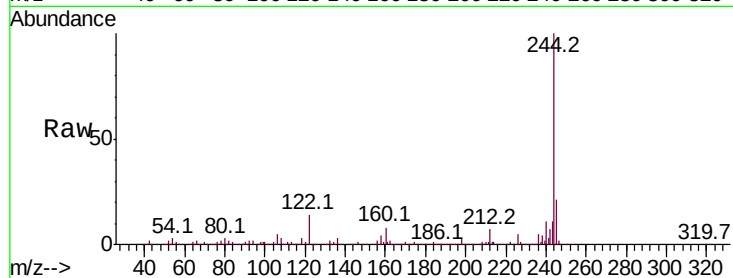
#79
 Terphenyl-d14
 Concen: 78.452 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: BF109885.D
 Acq: 15 Oct 2018 18:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101518

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	14.2	8.7	13.1

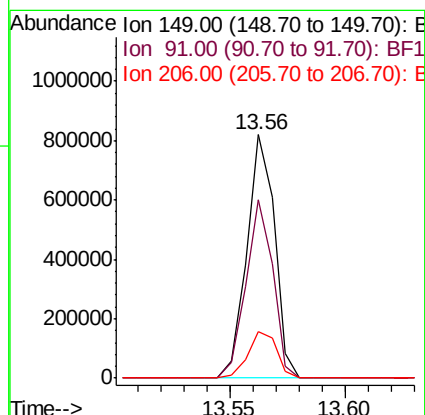
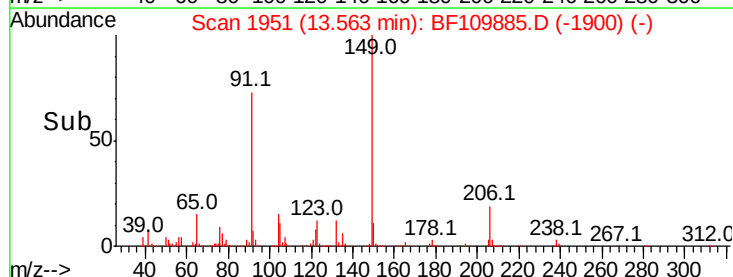
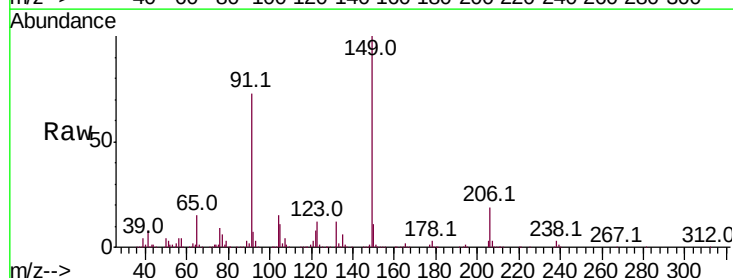
Manual Integrations
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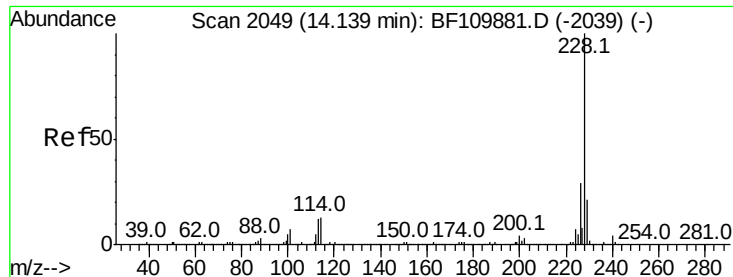
Sohil
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#80
 Butylbenzylphthalate
 Concen: 42.214 ng
 RT: 13.56 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BF109885.D
 Acq: 15 Oct 2018 18:03

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.3	57.2	85.8
206	19.2	15.7	23.5





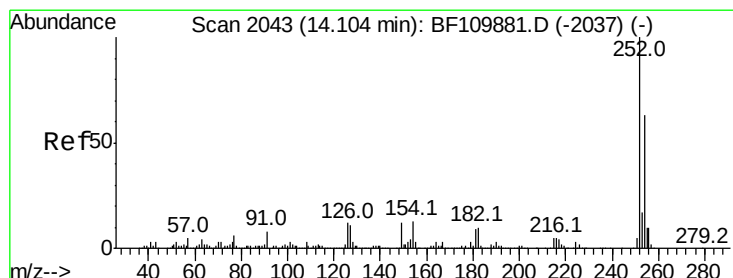
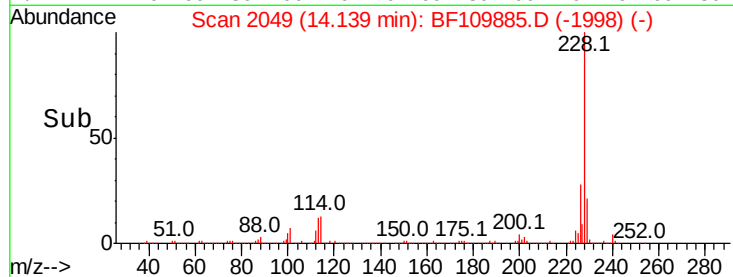
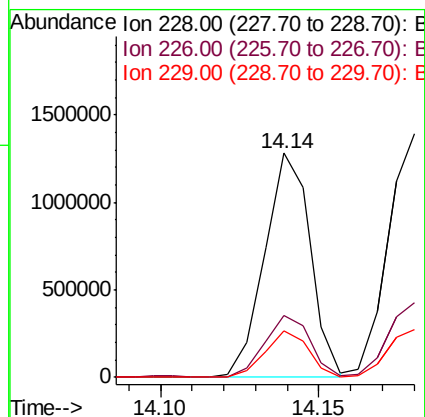
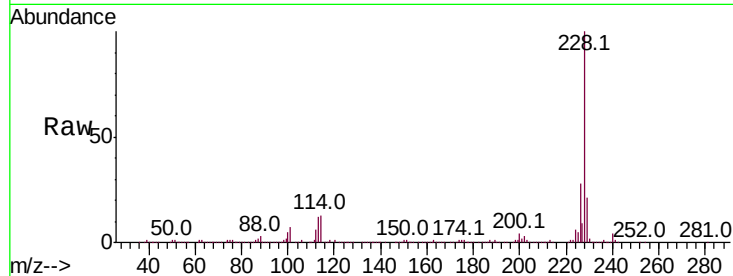
#81
Benzo(a)anthracene
Concen: 39.453 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Instrument :
BNA_F
ClientSampleId :
ICVBF101518

Tot	Ion:228	Resp:	1282873
Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.1	33.1
229	20.7	15.6	23.4

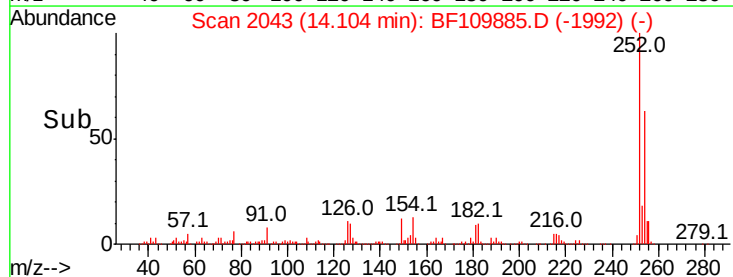
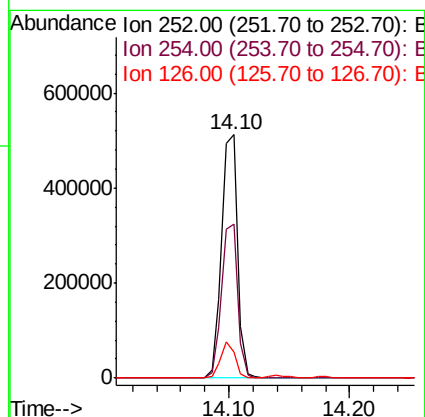
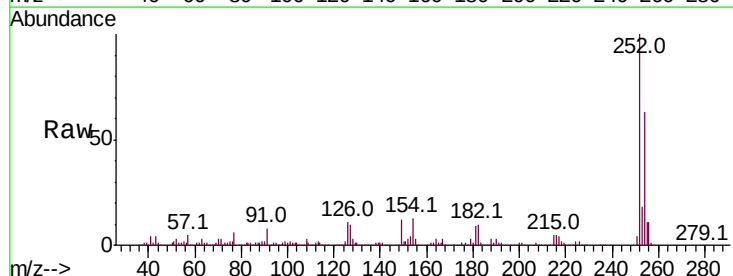
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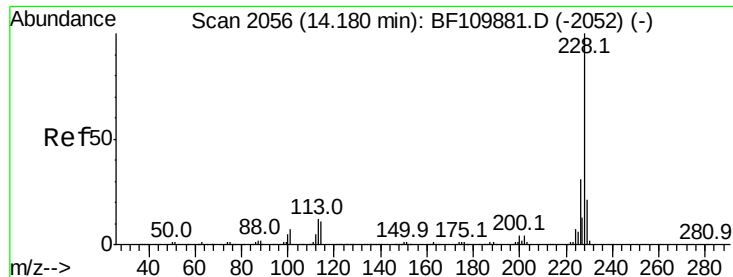
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 40.764 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Tgt	Ion:252	Resp:	464687
Ion	Ratio	Lower	Upper
252	100		
254	63.2	51.3	76.9
126	10.8	9.4	14.2





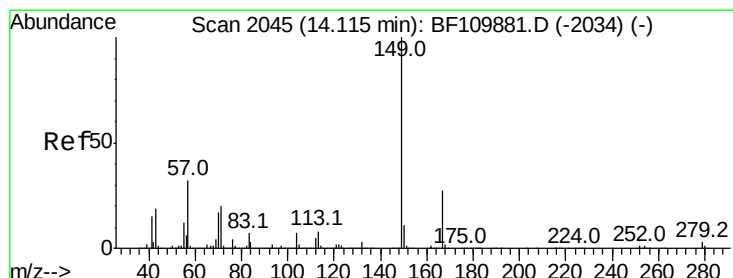
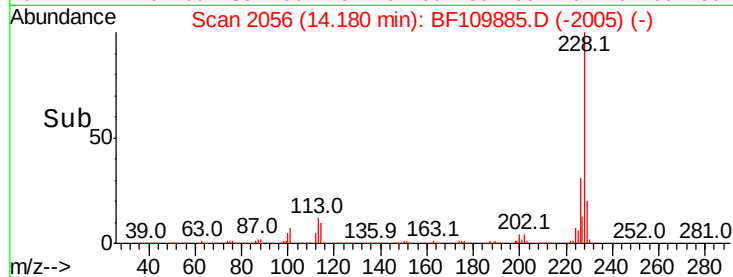
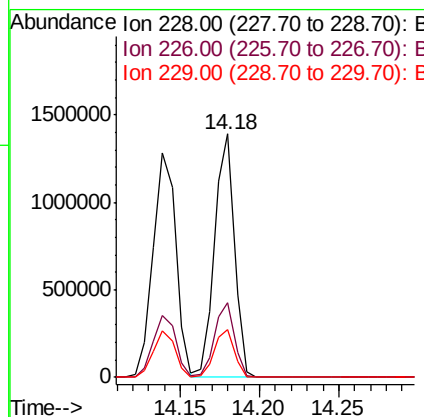
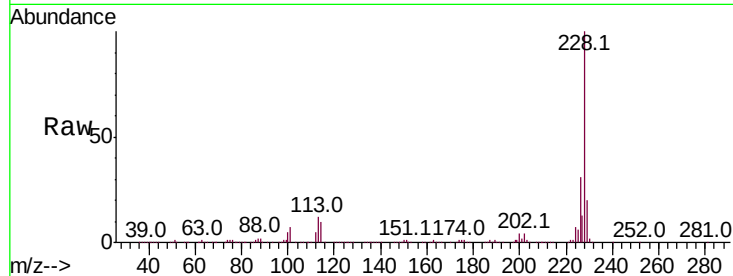
#83
Chrysene
Concen: 39.276 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Instrument :
BNA_F
ClientSampleId :
ICVBF101518

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.7	37.1
229	19.6	15.9	23.9

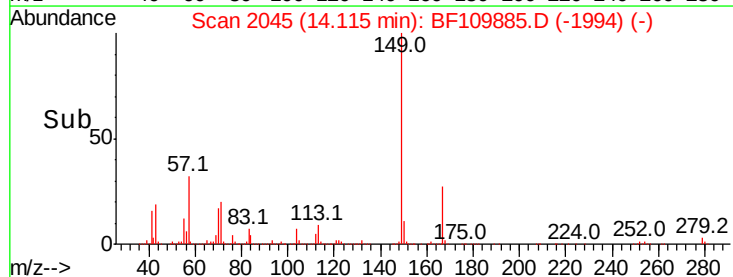
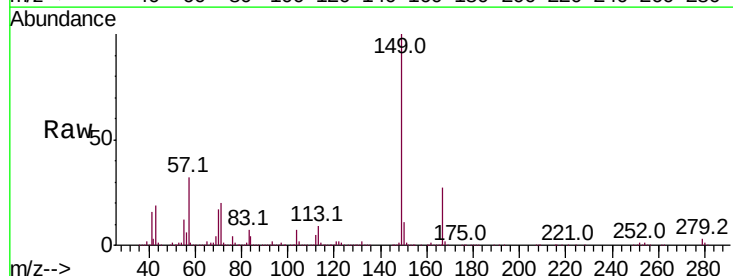
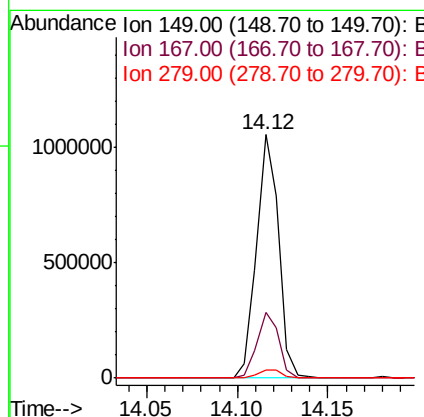
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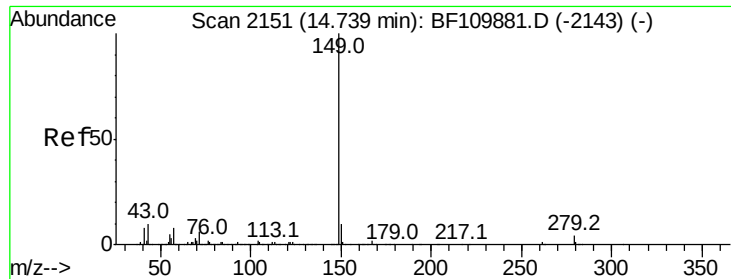
Sohil
10/16/2018 9:57:26 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.318 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	19.8	29.8
279	3.4	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 41.507 ng

RT: 14.74 min Scan# 2151

Delta R.T. -0.00 min

Lab File: BF109885.D

Acq: 15 Oct 2018 18:03

Instrument :

BNA_F

ClientSampleId :

ICVBF101518

Tot Ion:149 Resp: 1262177

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

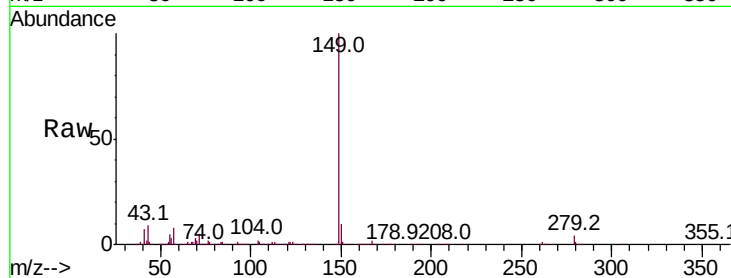
43 10.8 7.8 11.8

Manual Integrations

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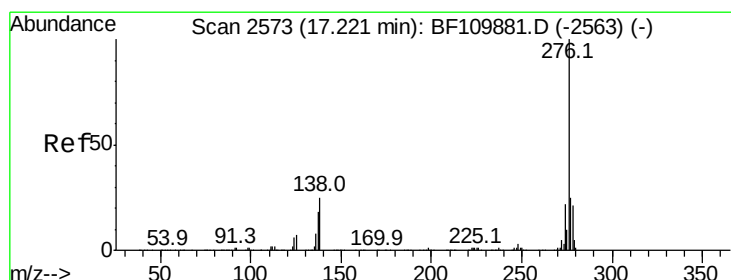
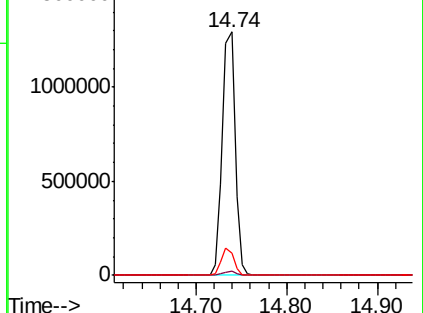
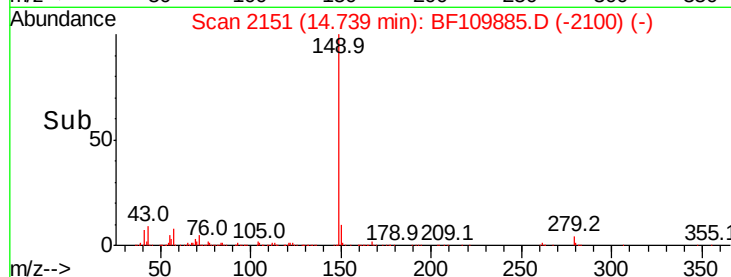
10/16/2018 9:57:26 AM



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: 39.331 ng

RT: 17.22 min Scan# 2573

Delta R.T. -0.00 min

Lab File: BF109885.D

Acq: 15 Oct 2018 18:03

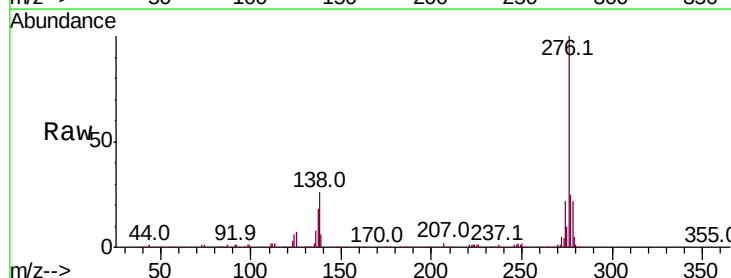
Tgt Ion:276 Resp: 980122

Ion Ratio Lower Upper

276 100

138 29.5 18.5 27.7#

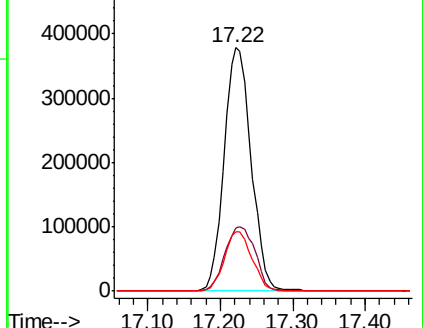
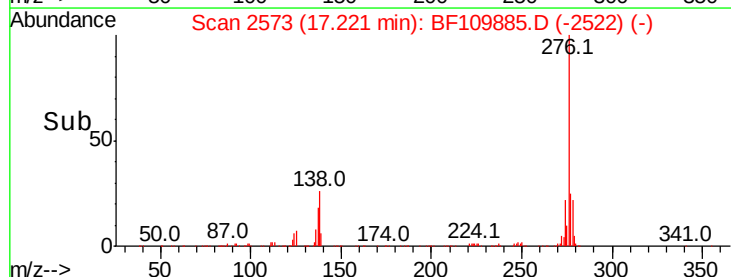
277 25.0 20.0 30.0

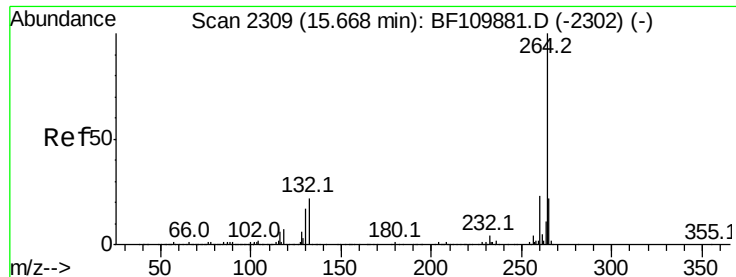


Abundance Ion 276.00 (275.70 to 276.70): E

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# 2309

Delta R.T. -0.00 min

Lab File: BF109885.D

Acq: 15 Oct 2018 18:03

Instrument :

BNA_F

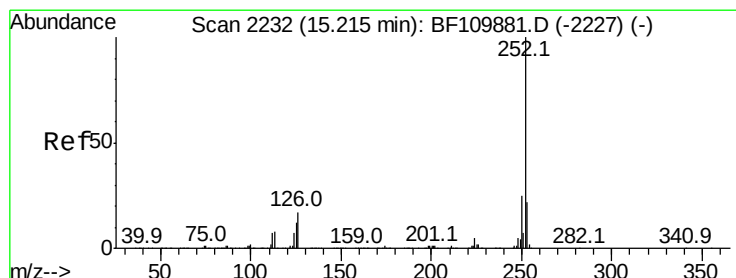
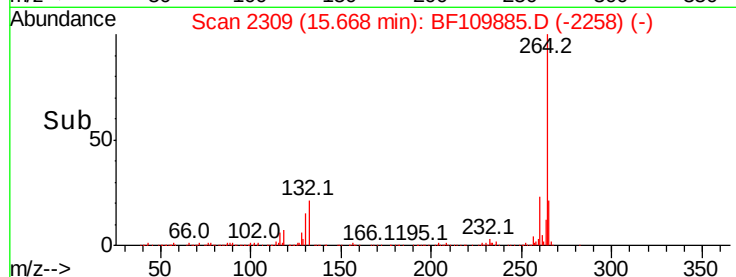
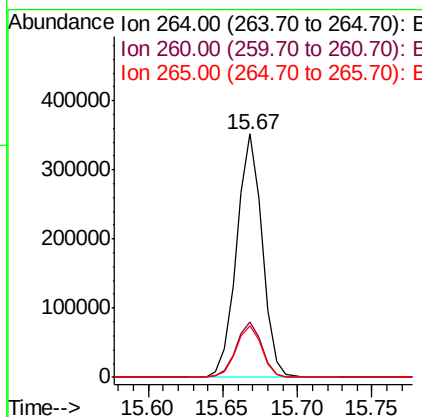
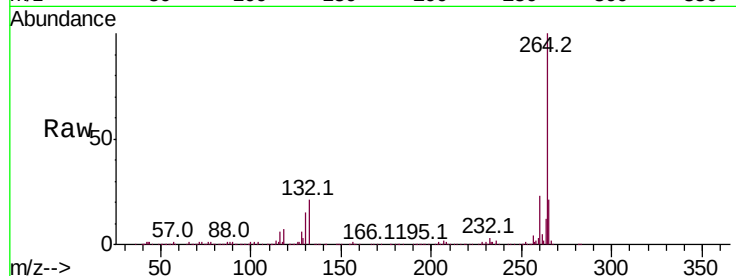
ClientSampleId :

ICVBF101518

Tot Ion:	264	Resp:	420457
Ion Ratio	Lower	Upper	
264	100		
260	22.6	18.7	28.1
265	21.2	16.7	25.1

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#88

Benzo(b)fluoranthene

Concen: 41.643 ng

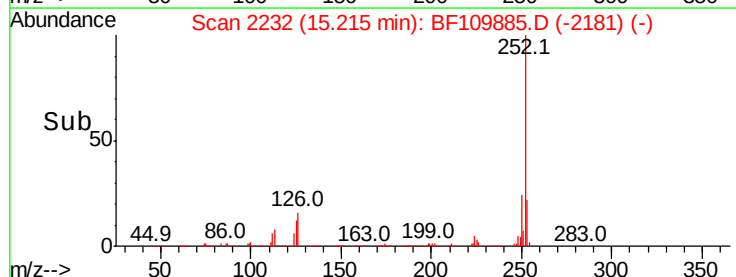
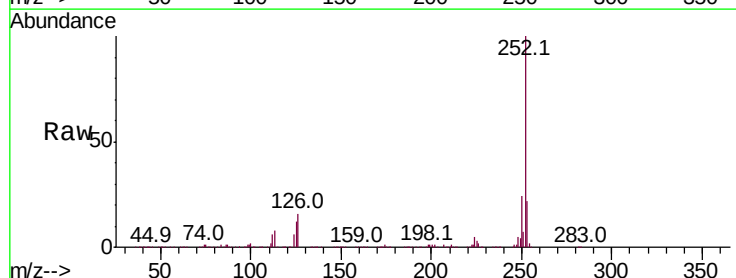
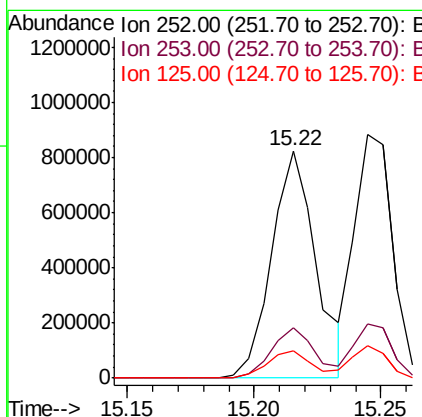
RT: 15.22 min Scan# 2232

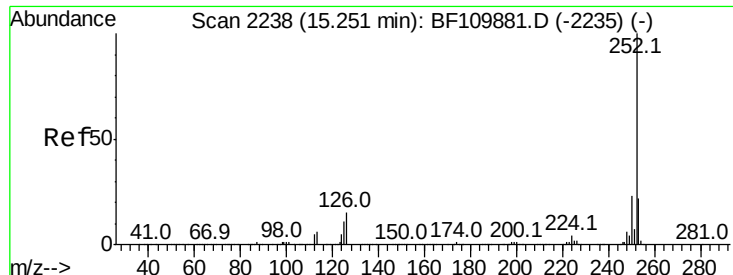
Delta R.T. -0.00 min

Lab File: BF109885.D

Acq: 15 Oct 2018 18:03

Tgt Ion:	252	Resp:	1009437
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.2	25.8
125	12.2	8.2	12.4





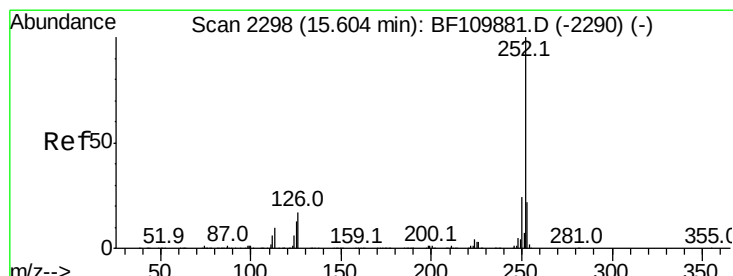
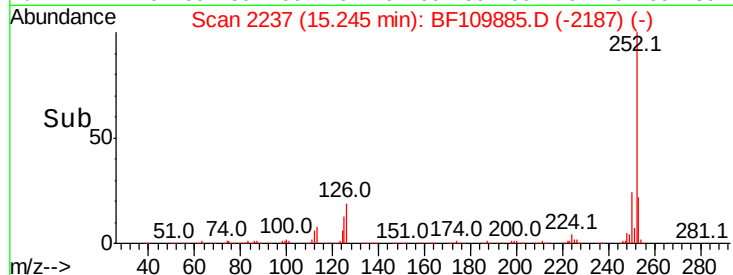
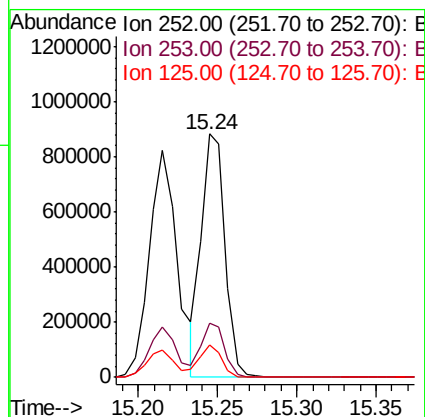
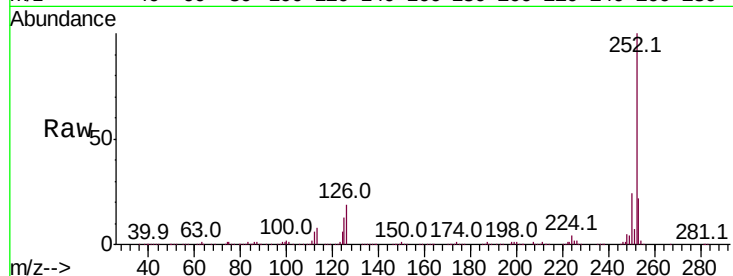
#89
Benzo(k)fluoranthene
Concen: 38.686 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Instrument :
BNA_F
ClientSampleId :
ICVBF101518

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	13.4	7.4	11.0

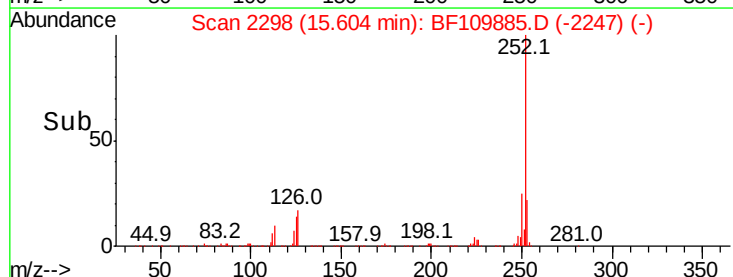
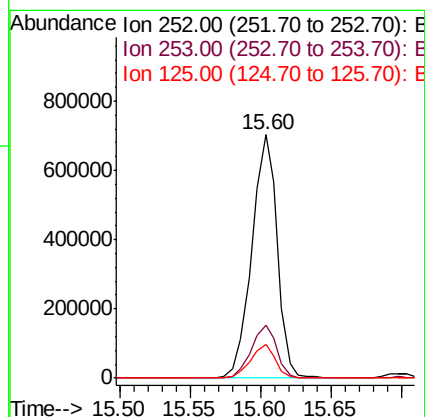
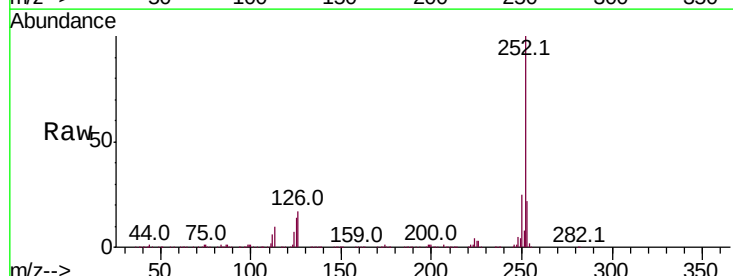
Manual Integrations
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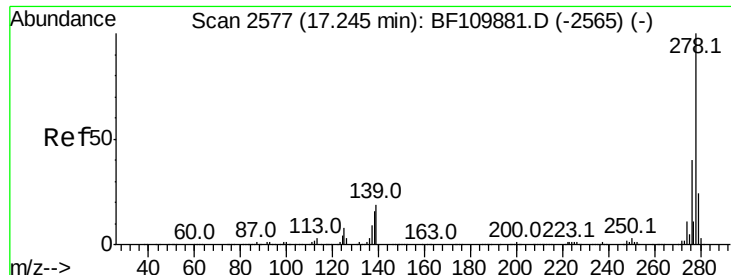
Sohil
10/16/2018 9:57:26 AM



#90
Benzo(a)pyrene
Concen: 39.805 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	13.9	9.0	13.6





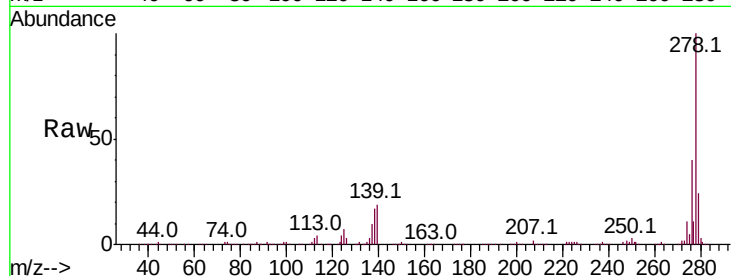
#91
Dibenzo(a,h)anthracene
Concen: 40.838 ng
RT: 17.24 min Scan# 2577
Delta R.T. -0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Instrument :
BNA_F
ClientSampleId :
ICVBF101518

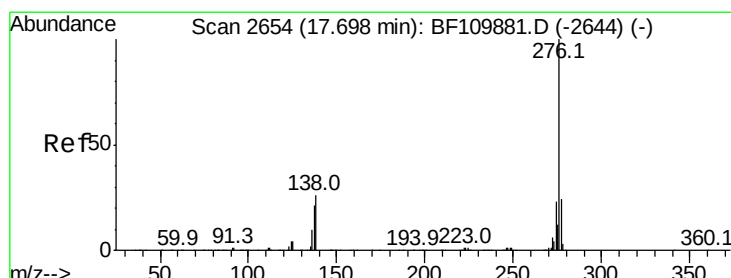
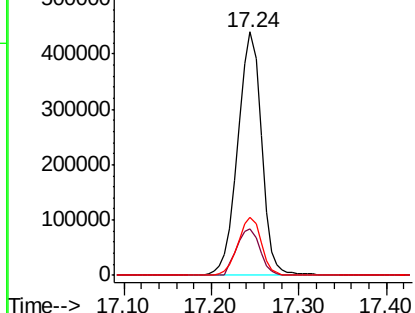
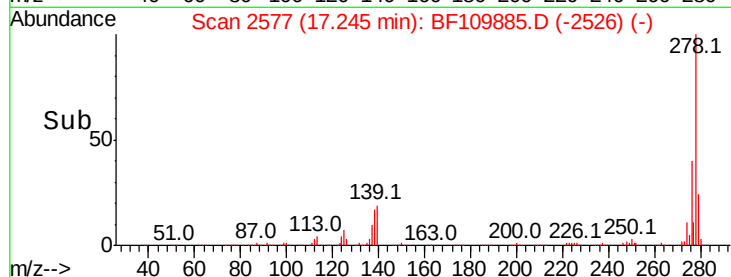
Tot Ion	Ratio	Lower	Upper
278	100		
139	19.0	12.7	19.1
279	23.9	19.0	28.4

Manual Integrations
APPROVED

Sohil
10/16/2018 9:57:26 AM

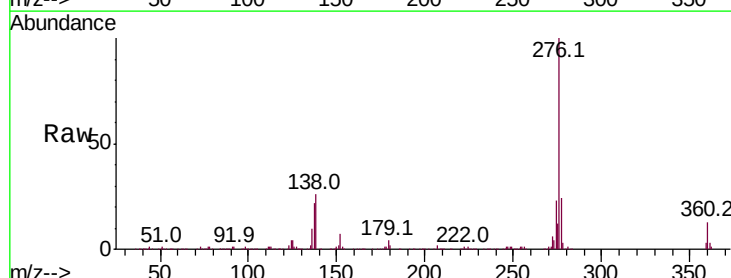


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.402 ng
RT: 17.70 min Scan# 2654
Delta R.T. -0.00 min
Lab File: BF109885.D
Acq: 15 Oct 2018 18:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	26.2	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

