

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109958.D
 Acq On : 18 Oct 2018 13:51
 Operator : JU/SJ
 Sample : J5565-05MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RLF-SD-5MS

Manual Integrations
 APPROVED

Sohil
 10/19/2018 12:08:30 PM

Quant Time: Oct 19 02:47:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	245836	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	944618	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	421983	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	720543	20.00	ng	0.00
76) Chrysene-d12	14.16	240	412226	20.00	ng	0.00
87) Perylene-d12	15.69	264	448211	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1590649	102.56	ng	0.01
7) Phenol-d6	6.60	99	2008663	104.30	ng	0.00
23) Nitrobenzene-d5	7.55	82	1230863	87.78	ng	0.00
42) 2,4,6-Tribromophenol	10.82	330	422131	115.54	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	1915568	72.43	ng	0.00
79) Terphenyl-d14	13.10	244	1368611	69.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.92	88	222802	25.294	ng	92
3) Pyridine	3.68	79	639878	32.583	ng	87
4) n-Nitrosodimethylamine	3.65	42	311526	38.887	ng	# 100
6) Aniline	6.65	93	542458	20.902	ng	# 51
8) 2-Chlorophenol	6.76	128	656108	37.768	ng	97
9) Benzaldehyde	6.53	77	265094	21.183	ng	98
10) Phenol	6.62	94	951945	45.784	ng	# 64
11) bis(2-Chloroethyl)ether	6.72	93	624140	35.901	ng	96
12) 1,3-Dichlorobenzene	6.92	146	676603	35.519	ng	96
13) 1,4-Dichlorobenzene	7.00	146	683865	35.647	ng	99
14) 1,2-Dichlorobenzene	7.15	146	639097	36.176	ng	99
15) Benzyl Alcohol	7.12	79	563769	38.052	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1012847	35.496	ng	68
17) 2-Methylphenol	7.22	107	545559	38.945	ng	# 81
18) Hexachloroethane	7.49	117	250166	36.899	ng	99
19) n-Nitroso-di-n-propylamine	7.39	70	438428	35.457	ng	96
20) 3+4-Methylphenols	7.37	107	658234	37.028	ng	96
22) Acetophenone	7.39	105	881021	40.217	ng	# 98
24) Nitrobenzene	7.56	77	656395	43.089	ng	92
25) Isophorone	7.80	82	1227440	44.548	ng	95
26) 2-Nitrophenol	7.87	139	332712	52.677	ng	94
27) 2,4-Dimethylphenol	7.90	122	603667	45.486	ng	97
28) bis(2-Chloroethoxy)methane	8.00	93	784543	41.489	ng	100
29) 2,4-Dichlorophenol	8.12	162	538240	41.807	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	567227	39.349	ng	94
31) Naphthalene	8.29	128	1796581	41.475	ng	99
32) Benzoic acid	7.97	122	69485	8.403	ng	96
33) 4-Chloroaniline	8.33	127	130212	6.687	ng	95
34) Hexachlorobutadiene	8.39	225	306108	38.509	ng	100
35) Caprolactam	8.69	113	164370m	35.949	ng	
36) 4-Chloro-3-methylphenol	8.81	107	557169	41.023	ng	92
37) 2-Methylnaphthalene	8.97	142	1207707	43.057	ng	99
38) 1-Methylnaphthalene	9.07	142	1144130	42.096	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	517426	39.809	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	574352	91.554	nq	98
43) 2,4,6-Trichlorophenol	9.25	196	353894	43.544	nq	96
44) 2,4,5-Trichlorophenol	9.29	196	370231	43.892	nq	95
46) 1,1'-Biphenyl	9.44	154	1440505	38.314	nq	99
47) 2-Chloronaphthalene	9.47	162	1104226	39.873	nq	99
48) 2-Nitroaniline	9.56	65	340345	47.888	nq	92
49) Acenaphthylene	9.89	152	1672783	41.579	nq	97
50) Dimethylphthalate	9.74	163	1498054	50.135	nq	99
51) 2,6-Dinitrotoluene	9.80	165	277943	48.974	nq	90
52) Acenaphthene	10.06	154	1058573	41.329	nq	98
53) 3-Nitroaniline	9.97	138	157831	22.862	nq	93
54) 2,4-Dinitrophenol	10.07	184	113002	64.452	nq	89
55) Dibenzofuran	10.23	168	1455278	39.839	nq	98
56) 4-Nitrophenol	10.13	139	444094	84.306	nq	91
57) 2,4-Dinitrotoluene	10.21	165	357074	49.635	nq	# 81
58) Fluorene	10.57	166	1111024	41.782	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.35	232	305822	45.747	nq	97
60) Diethylphthalate	10.44	149	1189081	40.291	nq	98
61) 4-Chlorophenyl-phenylether	10.56	204	536816	38.755	nq	97
62) 4-Nitroaniline	10.59	138	275973	42.230	nq	90
63) Azobenzene	10.72	77	1156361	37.507	nq	97
65) 4,6-Dinitro-2-methylphenol	10.62	198	122507	47.107	nq	99
66) n-Nitrosodiphenylamine	10.68	169	1005254	41.888	nq	97
67) 4-Bromophenyl-phenylether	11.05	248	327507	41.941	nq	91
68) Hexachlorobenzene	11.12	284	341422	41.001	nq	96
69) Atrazine	11.20	200	319956	42.682	nq	98
70) Pentachlorophenol	11.32	266	324129	68.396	nq	96
71) Phenanthrene	11.54	178	1542797	41.359	nq	99
72) Anthracene	11.59	178	1579048	42.105	nq	99
73) Carbazole	11.75	167	1311083	35.572	nq	99
74) Di-n-butylphthalate	12.06	149	1669766	40.594	nq	99
75) Fluoranthene	12.73	202	1311237	35.187	nq	100
77) Benzidine	12.85	184	504640	31.929	nq	96
78) Pyrene	12.96	202	1262721	41.706	nq	99
80) Butylbenzylphthalate	13.57	149	539268	44.056	nq	97
81) Benzo(a)anthracene	14.15	228	1013309	41.732	nq	99
82) 3,3'-Dichlorobenzidine	14.11	252	264657	31.090	nq	99
83) Chrysene	14.19	228	932774	40.359	nq	99
84) Bis(2-ethylhexyl)phthalate	14.12	149	741260	46.022	nq	96
85) Di-n-octyl phthalate	14.74	149	1191045	52.451	nq	99
86) Indeno(1,2,3-cd)pyrene	17.26	276	1198879	64.426	nq	# 94
88) Benzo(b)fluoranthene	15.23	252	1019380	39.449	nq	99
89) Benzo(k)fluoranthene	15.26	252	997655	39.170	nq	# 96
90) Benzo(a)pyrene	15.62	252	1005836	42.323	nq	97
91) Dibenzo(a,h)anthracene	17.28	278	998977	47.431	nq	96
92) Benzo(g,h,i)perylene	17.74	276	971243	45.641	nq	96

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

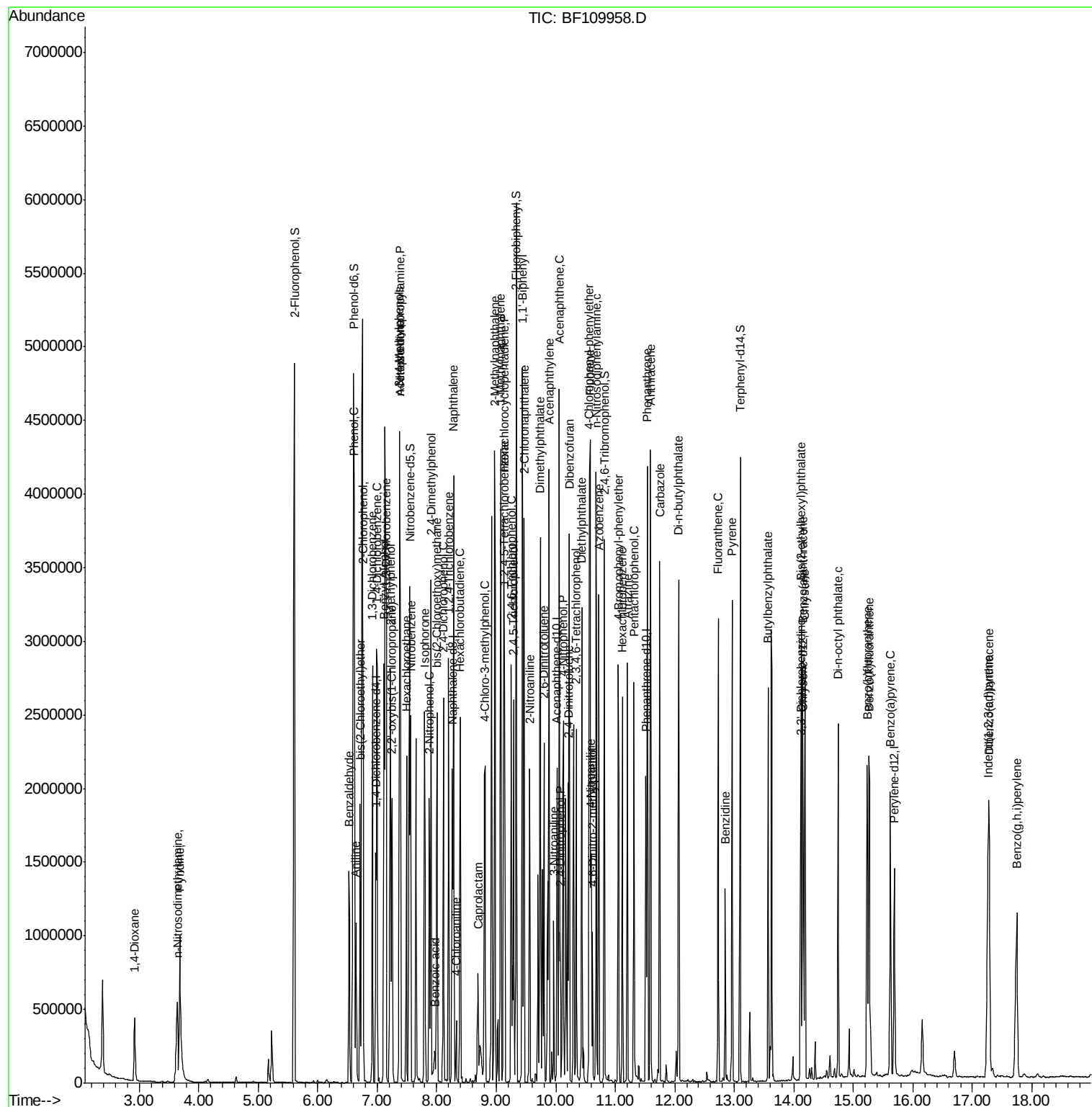
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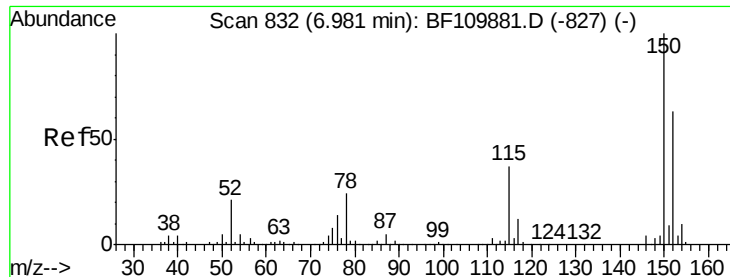
Instrument :
BNA_F
ClientSampleId :
RLF-SD-5MS

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#1

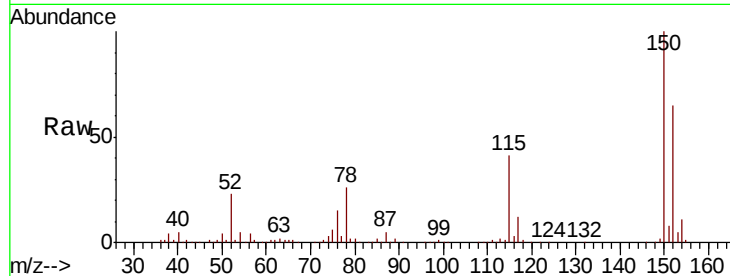
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampled :
RLF-SD-5MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	122.7	184.1
115	62.6	49.1	73.7

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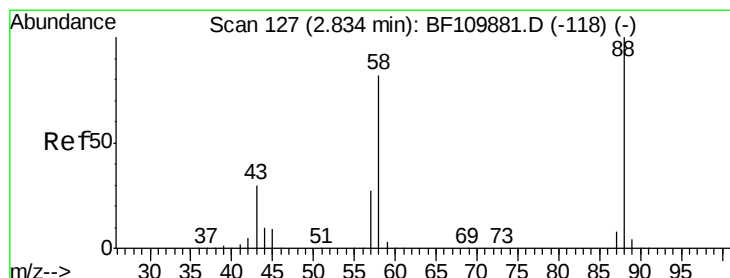
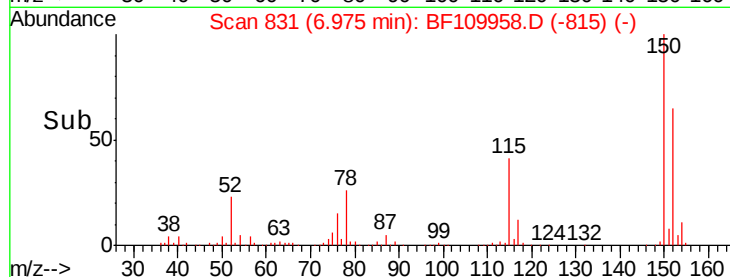
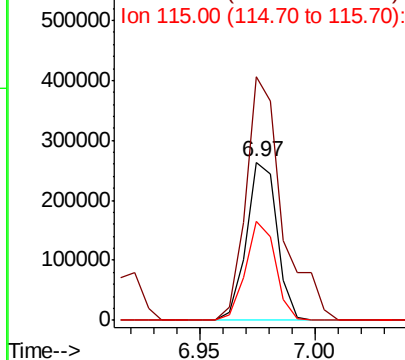


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

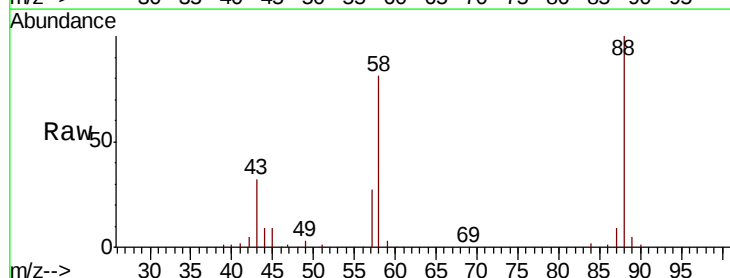
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 25.294 ng
RT: 2.92 min Scan# 142
Delta R.T. 0.08 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.1	57.1	85.7
43	30.3	24.1	36.1

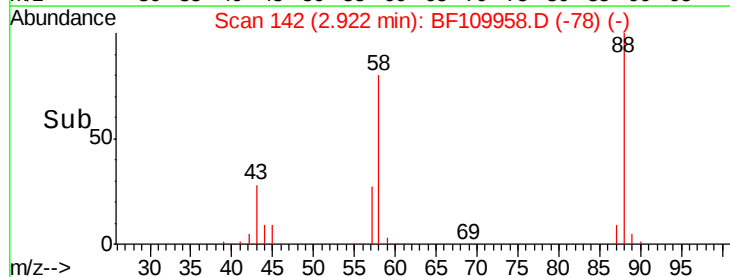
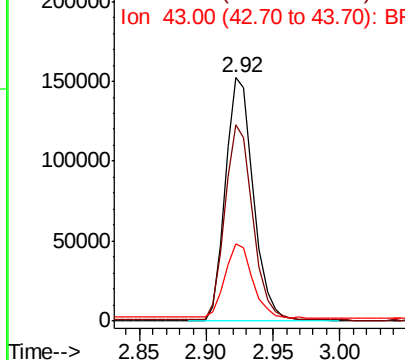


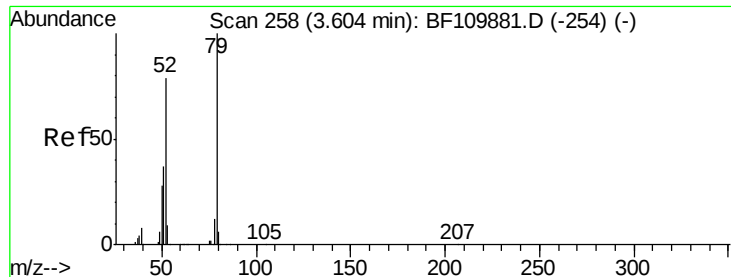
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 32.583 ng

RT: 3.68 min Scan# 271

Delta R.T. 0.06 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Instrument :

BNA_F

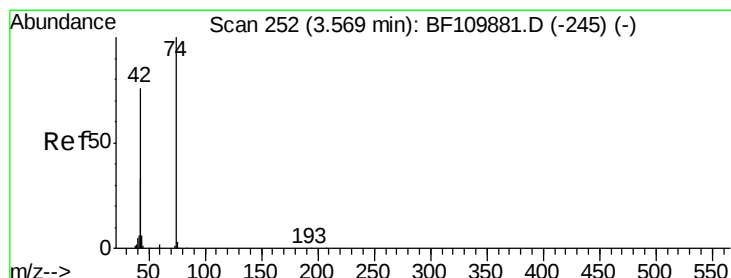
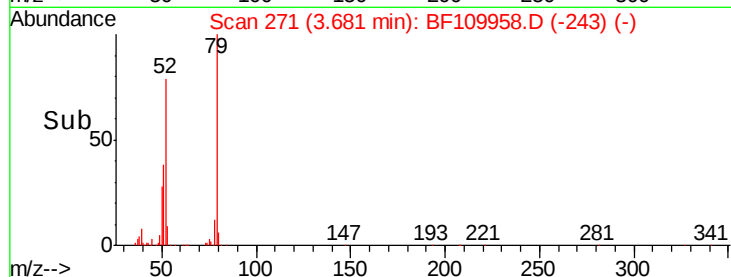
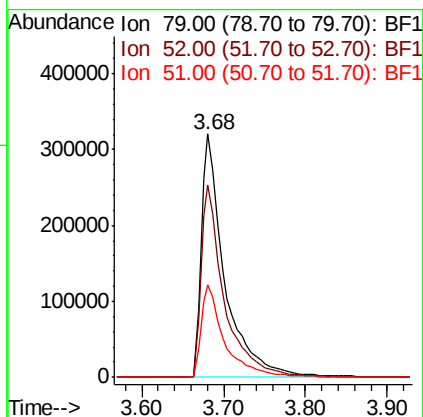
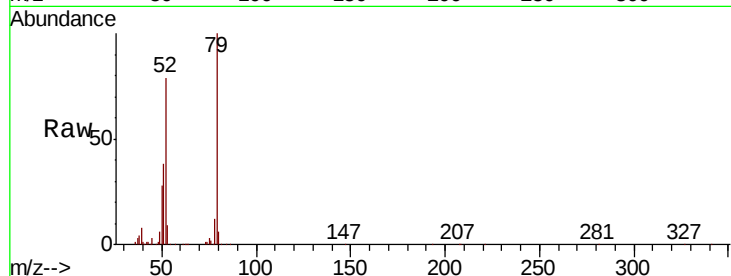
ClientSampleId :

RLF-SD-5MS

Tot Ion:	79	Resp:	639878
Ion Ratio	Lower	Upper	
79	100		
52	79.1	53.1	79.7
51	37.8	27.4	41.2

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 38.887 ng

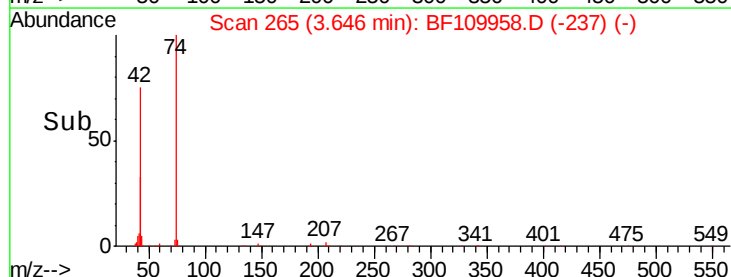
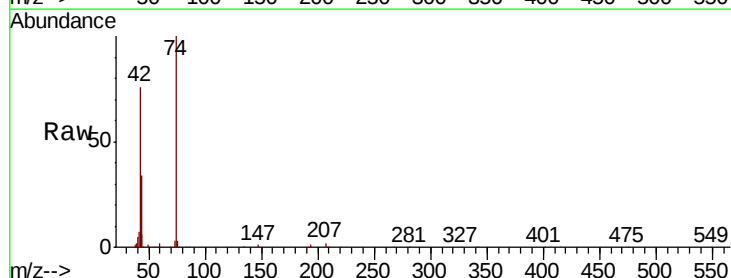
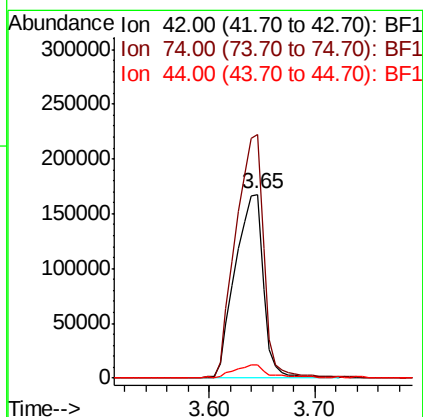
RT: 3.65 min Scan# 265

Delta R.T. 0.06 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Tgt Ion:	42	Resp:	311526
Ion Ratio	Lower	Upper	
42	100		
74	132.3	105.5	158.3
44	7.3	4.9	7.3#





#5

2-Fluorophenol

Concen: 102.564 ng

RT: 5.61 min Scan# 599

Delta R.T. 0.01 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Instrument :

BNA_F

ClientSampleId :

RLF-SD-5MS

Tot Ion:112 Resp: 1590649

Ion Ratio Lower Upper

112 100

64 59.2 44.1 66.1

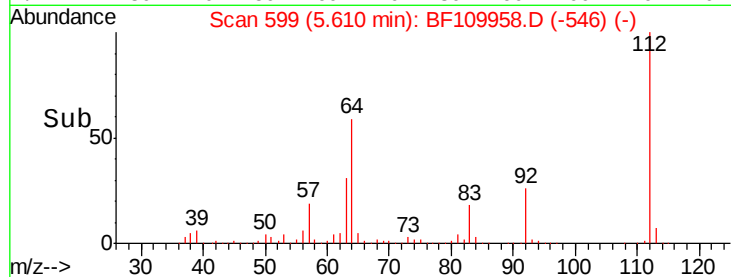
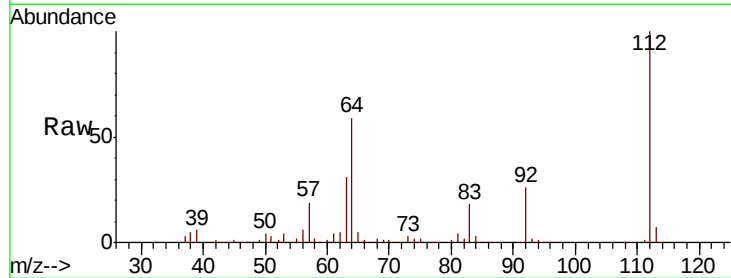
63 30.6 23.7 35.5

Manual Integrations

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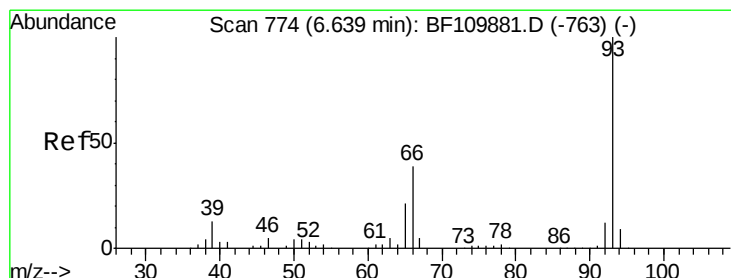
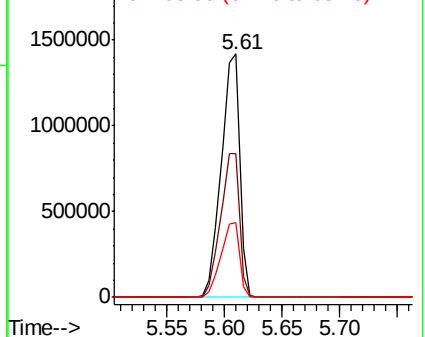
10/19/2018 12:08:30 PM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.902 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

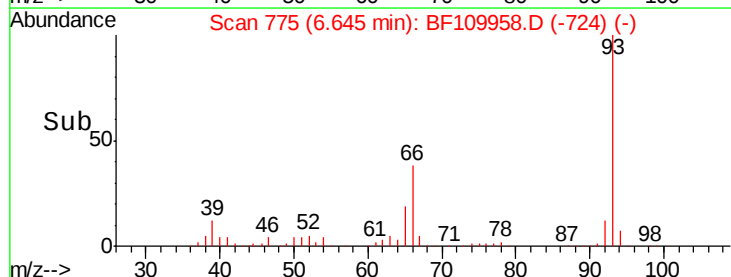
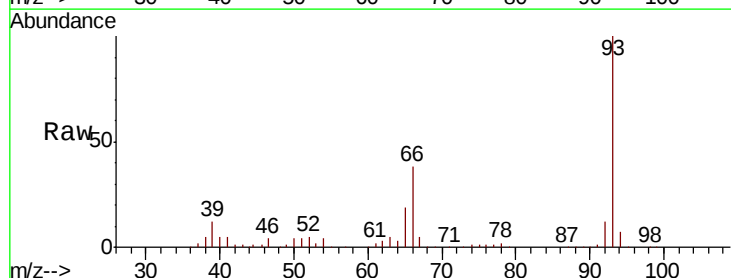
Tgt Ion: 93 Resp: 542458

Ion Ratio Lower Upper

93 100

66 38.3 67.4 101.0#

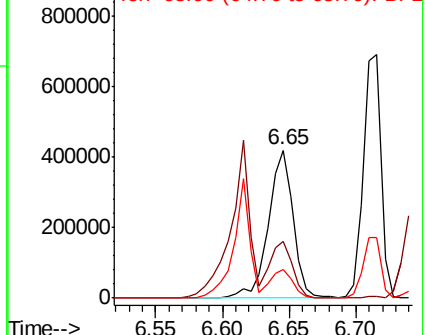
65 18.9 41.0 61.4#

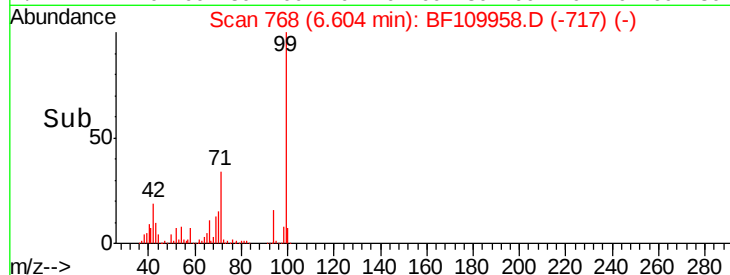
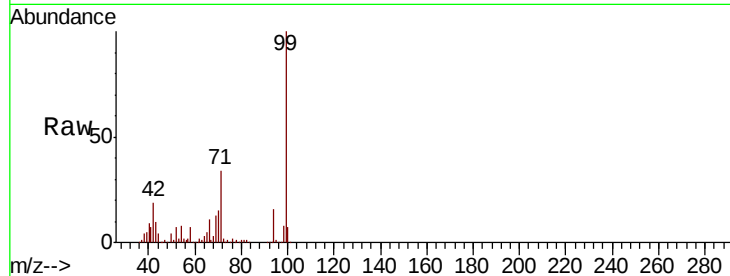
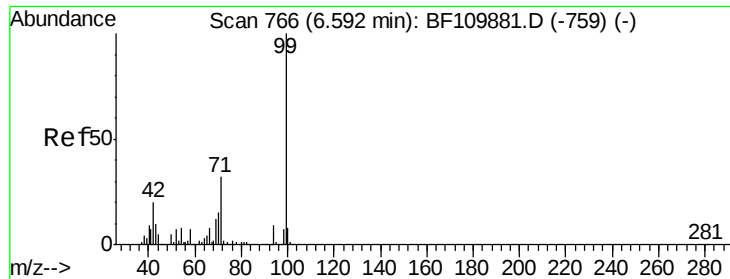


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 104.303 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Tot Ion:	99	Resp:	2008663
Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.8	23.6
71	33.8	28.0	42.0

Instrument :

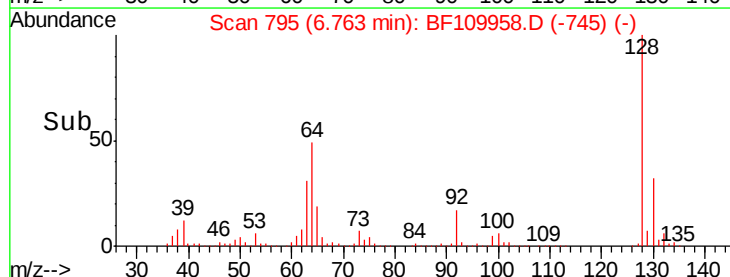
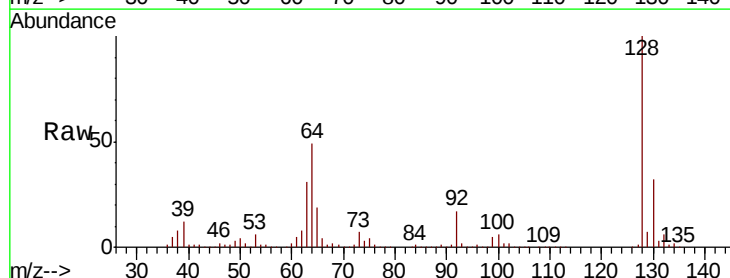
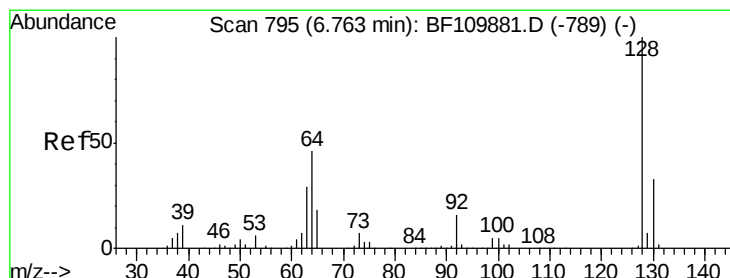
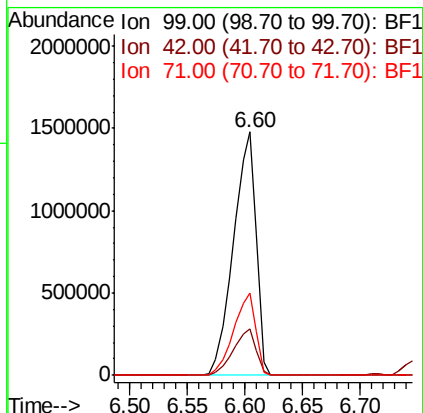
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 37.768 ng

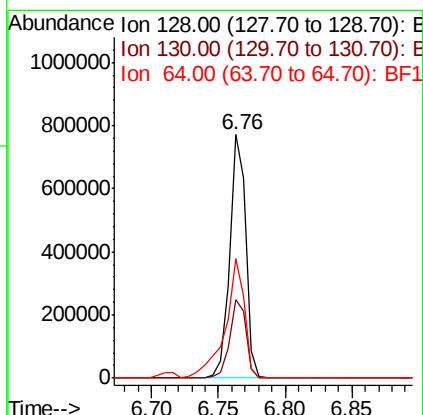
RT: 6.76 min Scan# 795

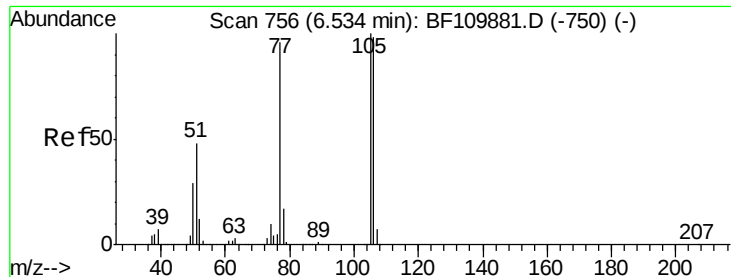
Delta R.T. -0.01 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Tgt Ion:	128	Resp:	656108
Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.1	53.1
64	49.0	26.0	66.0





#9

Benzaldehyde

Concen: 21.183 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Instrument :

BNA_F

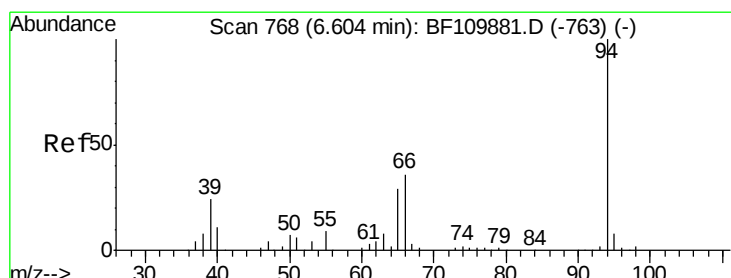
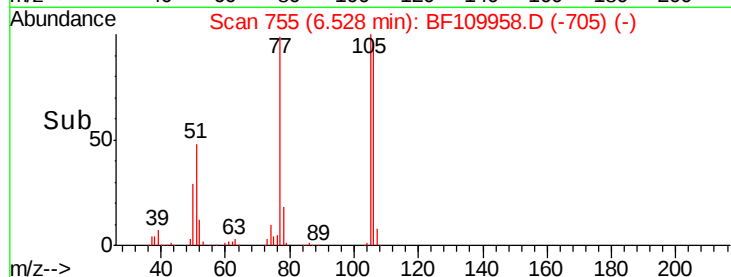
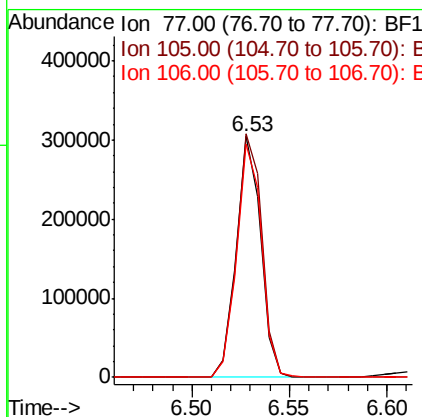
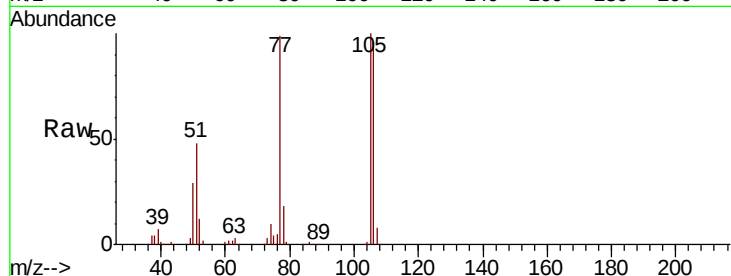
ClientSampleId :

RLF-SD-5MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.1	78.6	118.6
106	97.1	74.8	114.8

Manual Integrations
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#10

Phenol

Concen: 45.784 ng

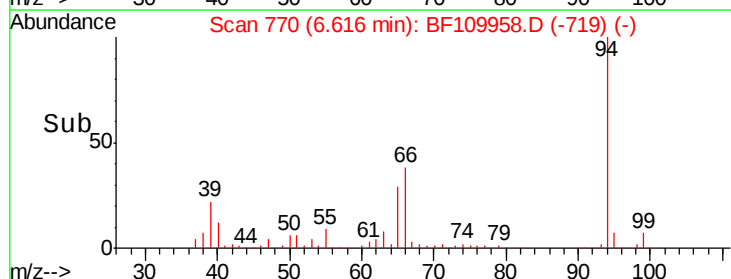
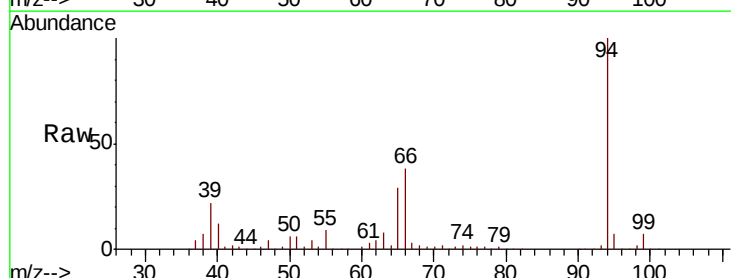
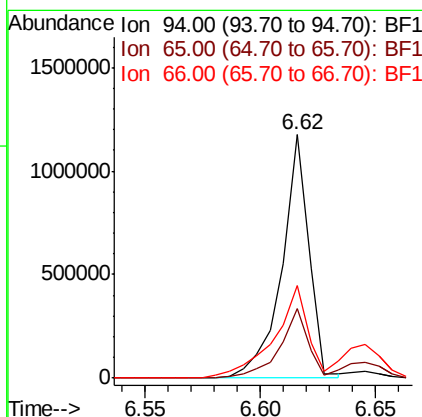
RT: 6.62 min Scan# 770

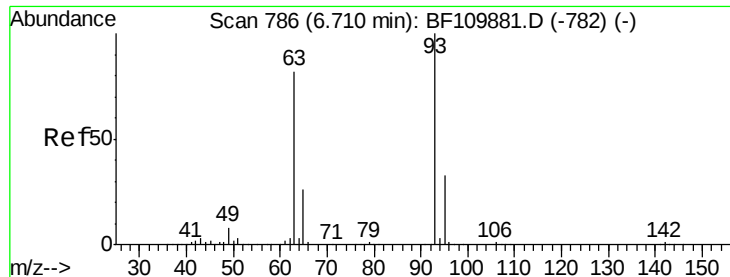
Delta R.T. -0.00 min

Lab File: BF109958.D

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Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.7	25.3	65.3
66	37.9	54.5	94.5#





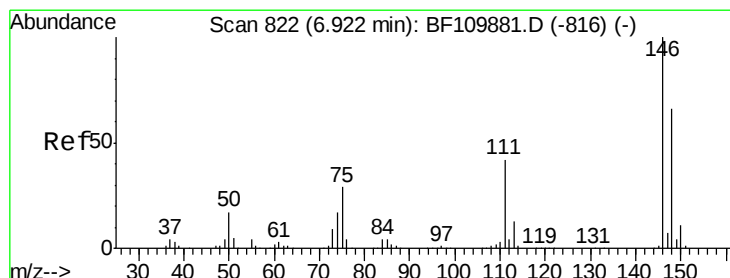
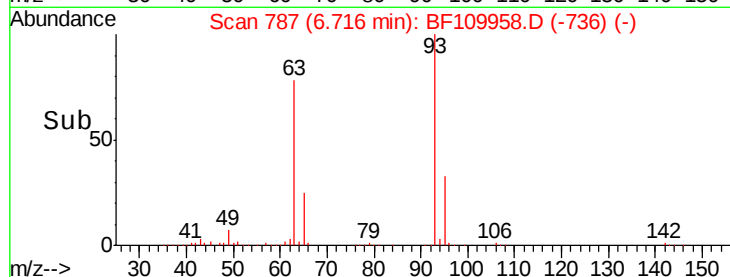
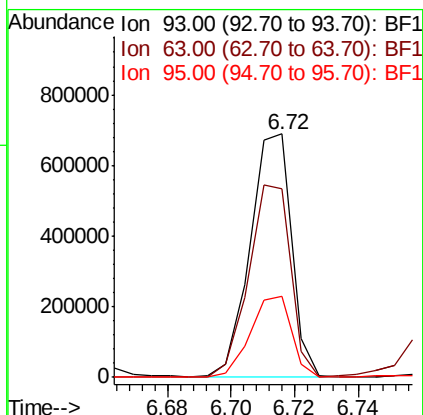
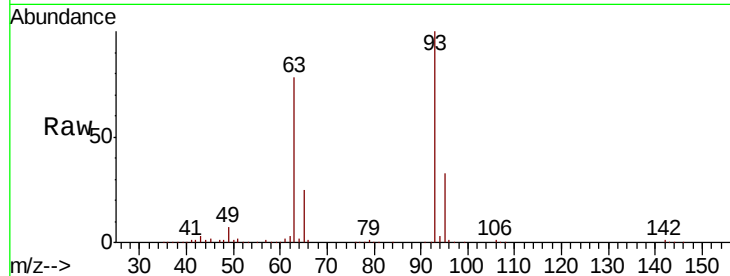
#11
bis(2-Chloroethyl)ether
Concen: 35.901 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampleId :
RLF-SD-5MS

Tot Ion:	93	Resp:	624140
Ion	Ratio	Lower	Upper
93	100		
63	77.7	53.4	93.4
95	33.1	12.1	52.1

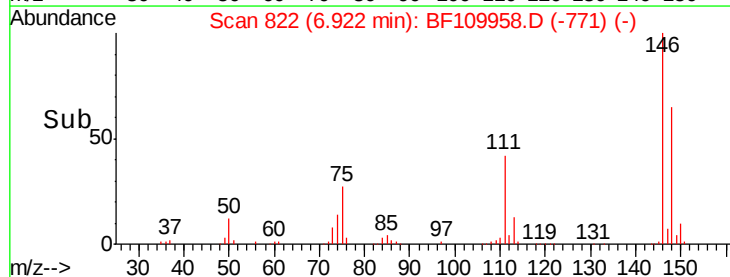
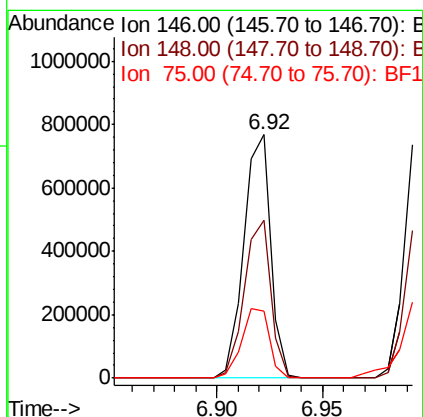
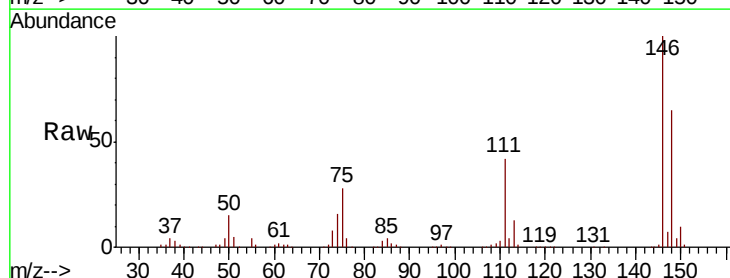
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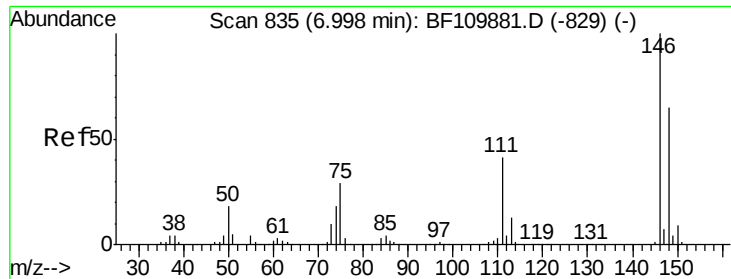
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#12
1,3-Dichlorobenzene
Concen: 35.519 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion:	146	Resp:	676603
Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.4	75.6
75	27.6	25.8	38.6





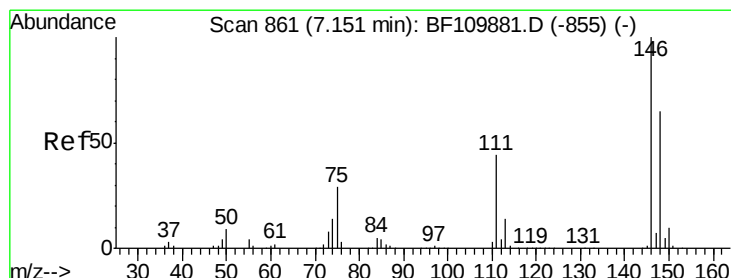
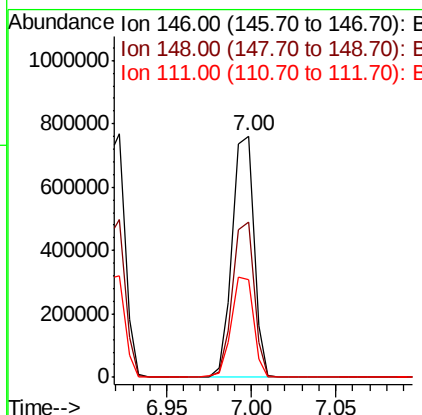
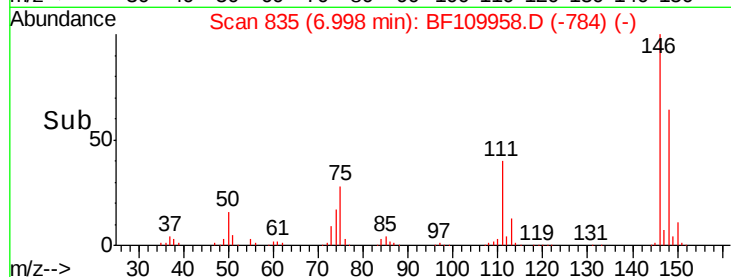
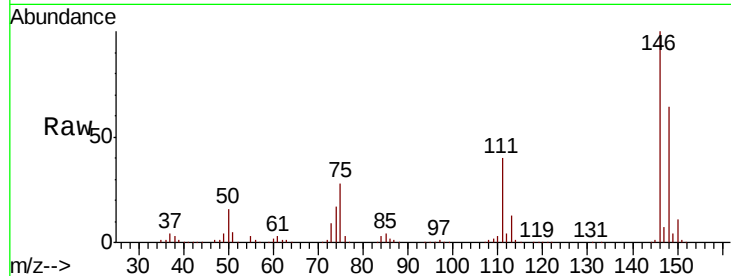
#13
 1,4-Dichlorobenzene
 Concen: 35.647 ng
 RT: 7.00 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BF109958.D
 Acq: 18 Oct 2018 13:51

Instrument :
 BNA_F
 ClientSampleId :
 RLF-SD-5MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.3	75.5
111	40.3	32.7	49.1

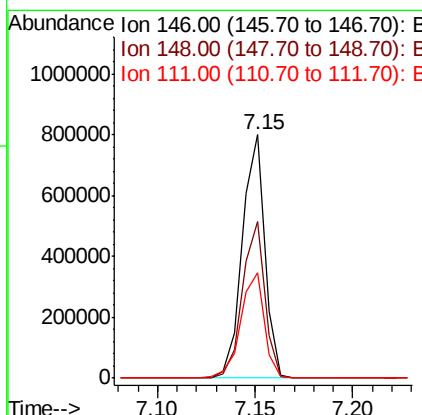
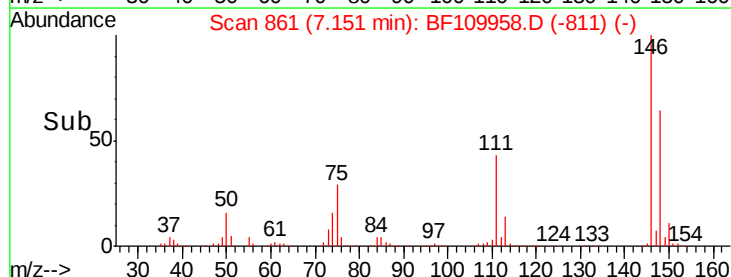
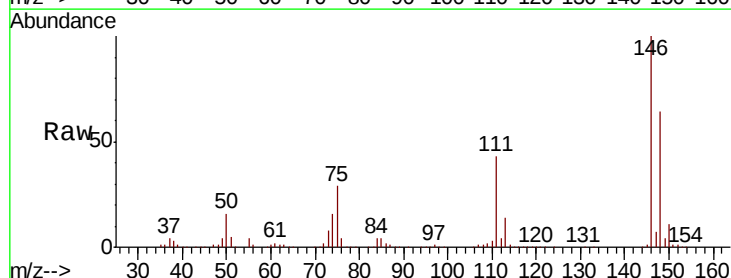
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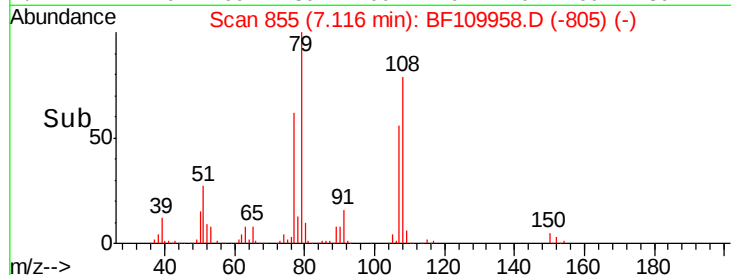
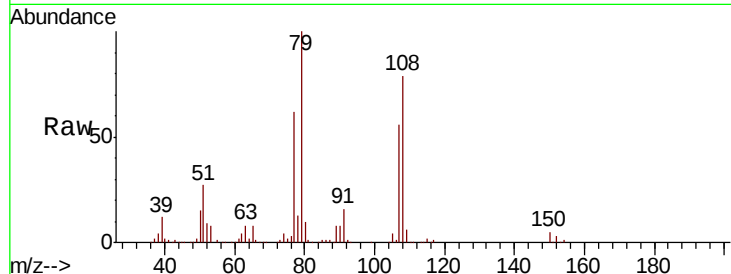
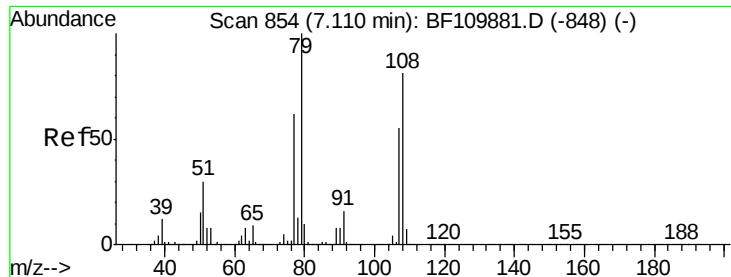
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#14
 1,2-Dichlorobenzene
 Concen: 36.176 ng
 RT: 7.15 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF109958.D
 Acq: 18 Oct 2018 13:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.1	76.7
111	43.4	35.8	53.6





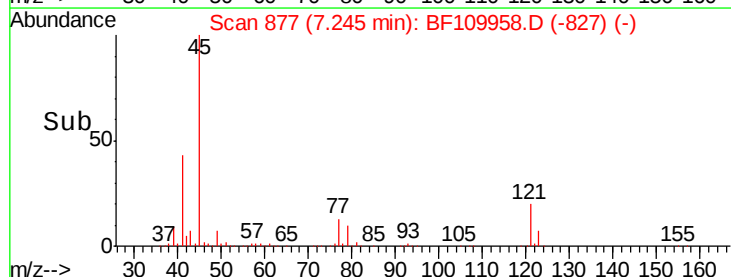
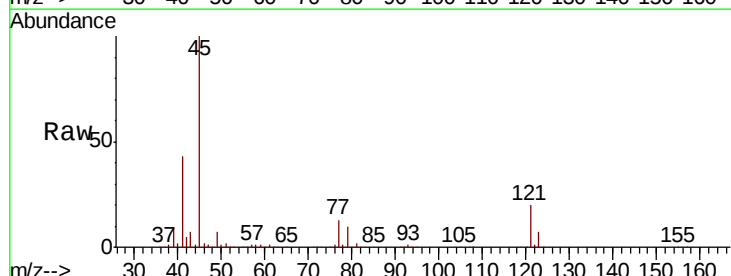
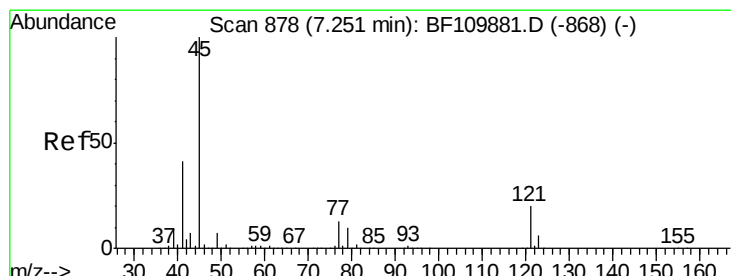
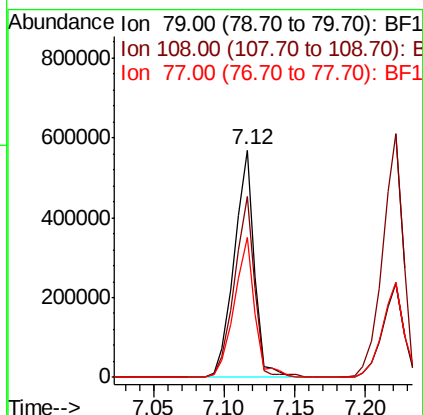
#15
Benzyl Alcohol
Concen: 38.052 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.5	56.3	84.5
77	61.6	52.9	79.3

Instrument :
BNA_F
ClientSampleId :
RLF-SD-5MS

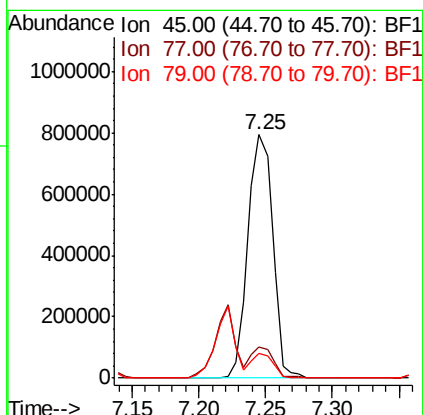
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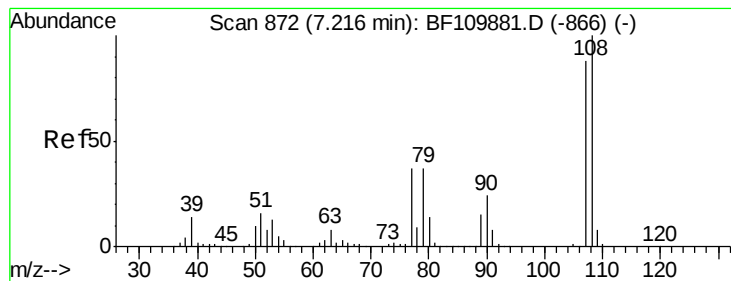
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.496 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.8	10.0	50.0
79	10.0	6.1	46.1





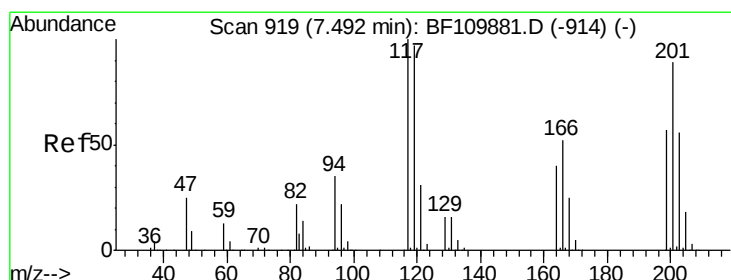
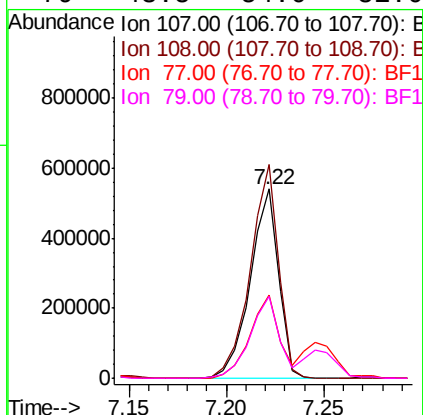
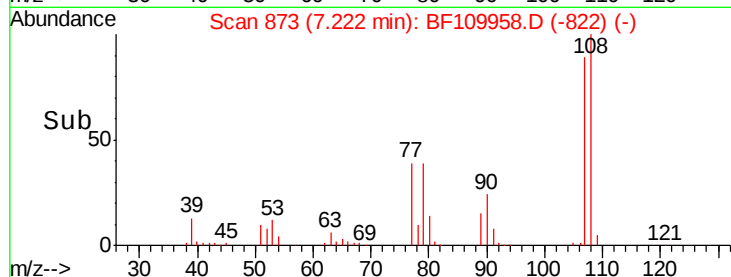
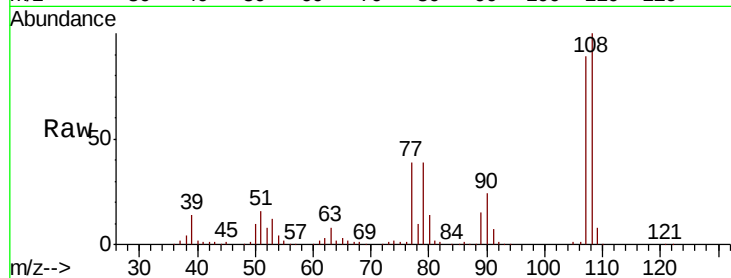
#17
2-Methylphenol
Concen: 38.945 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampleId :
RLF-SD-5MS

Tot Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	112.9	92.6	138.8
77	44.1	59.4	89.2#
79	43.5	54.0	81.0#

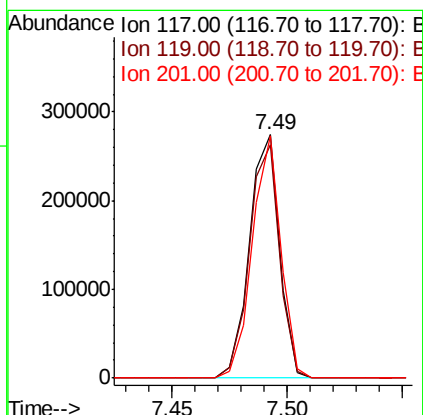
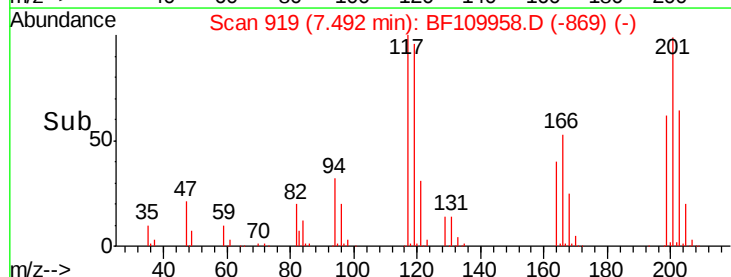
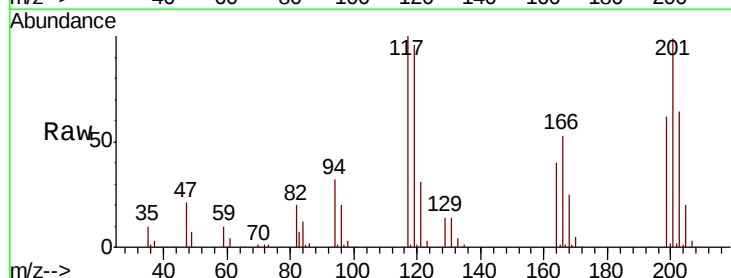
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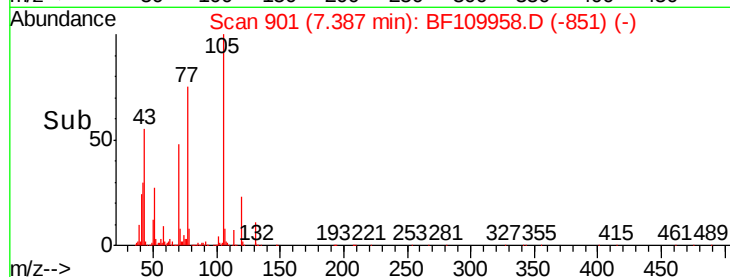
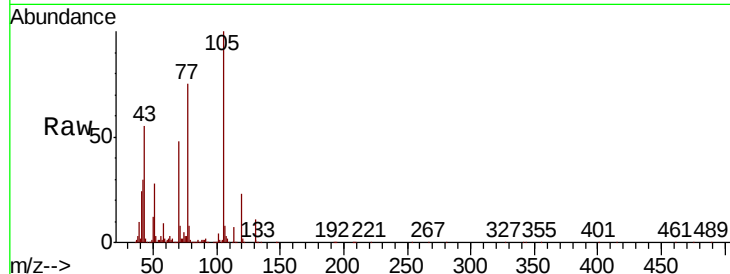
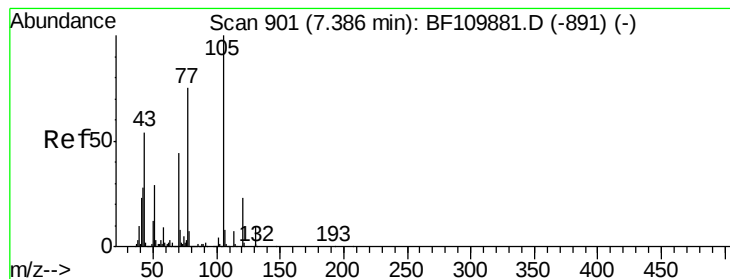
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#18
Hexachloroethane
Concen: 36.899 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	96.1	75.0	112.6
201	99.3	79.2	118.8





#19

n-Nitroso-di-n-propylamine

Concen: 35.457 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.01 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Instrument :

BNA_F

ClientSampleId :

RLF-SD-5MS

Tot Ion: 70 Resp: 438428

Ion Ratio Lower Upper

70 100

42 62.2 47.4 71.2

101 9.3 7.3 10.9

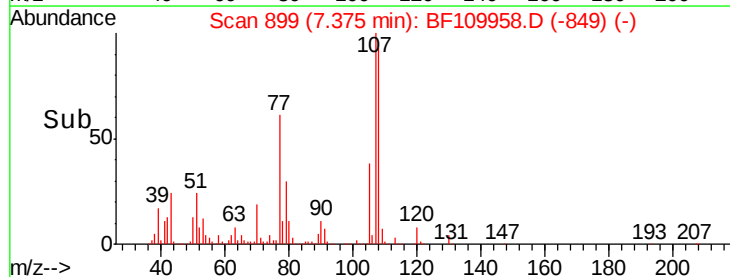
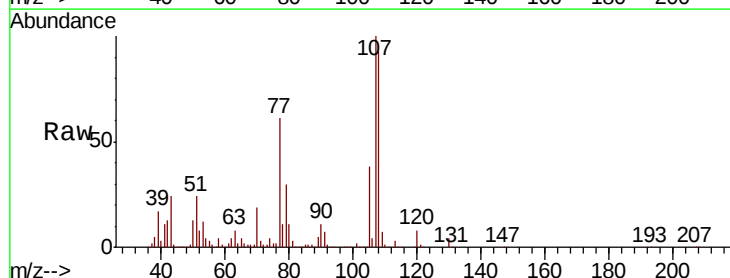
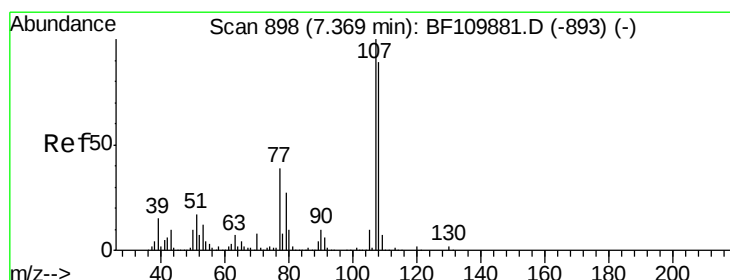
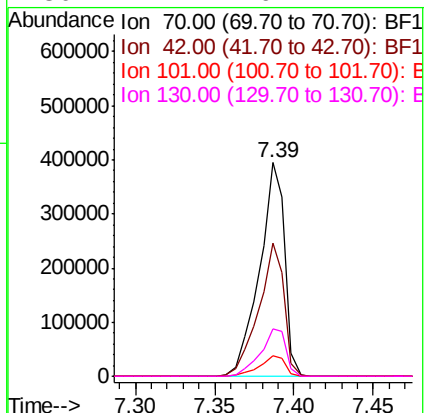
130 22.2 16.2 24.2

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#20

3+4-Methylphenols

Concen: 37.028 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Tgt Ion: 107 Resp: 658234

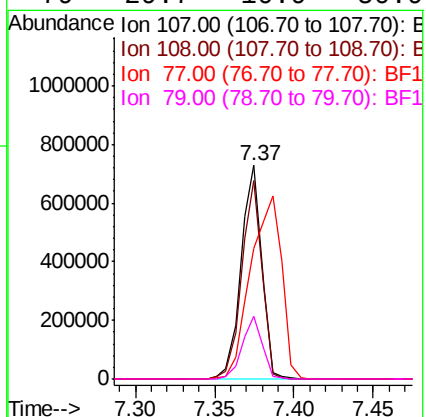
Ion Ratio Lower Upper

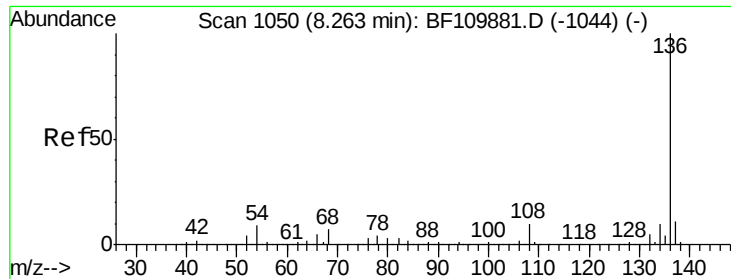
107 100

108 93.1 71.4 111.4

77 61.1 47.3 87.3

79 29.7 10.9 50.9





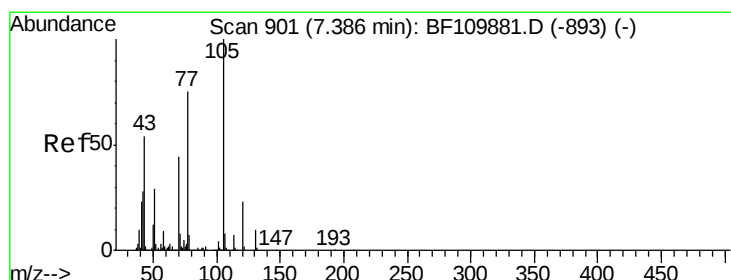
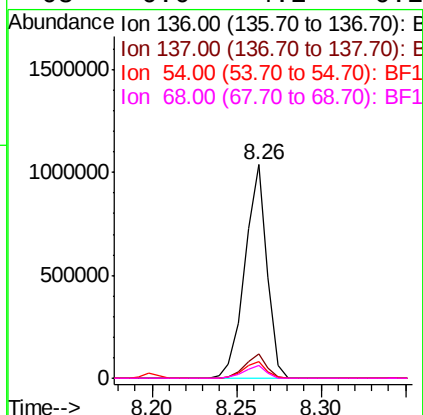
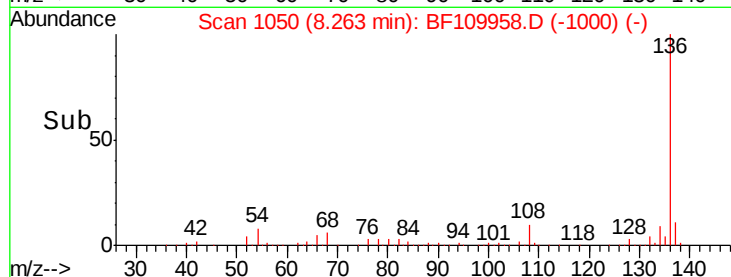
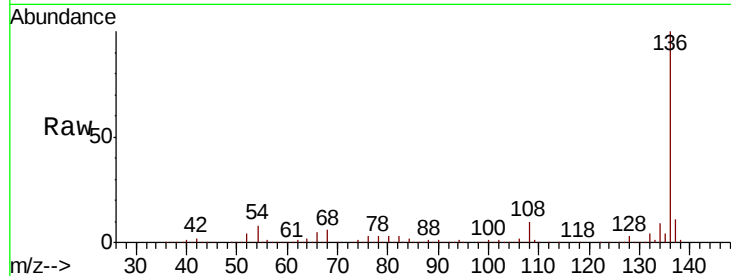
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampleId :
RLF-SD-5MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	944618		
137	11.2		8.8	13.2
54	8.0		5.4	8.2
68	6.0		4.2	6.2

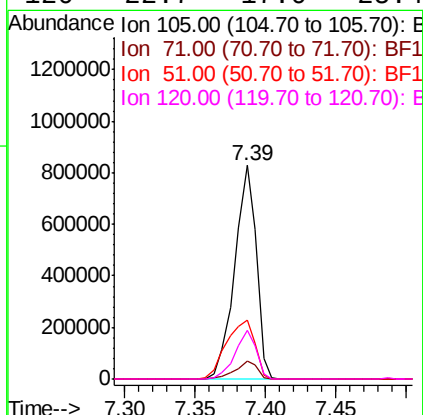
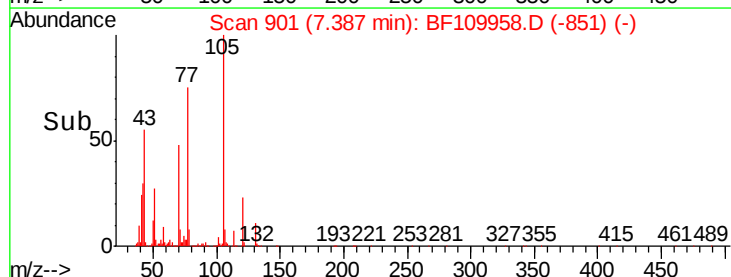
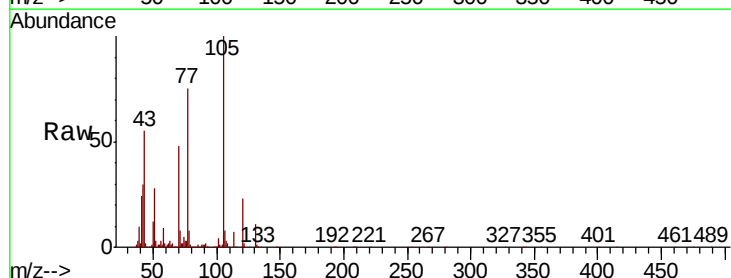
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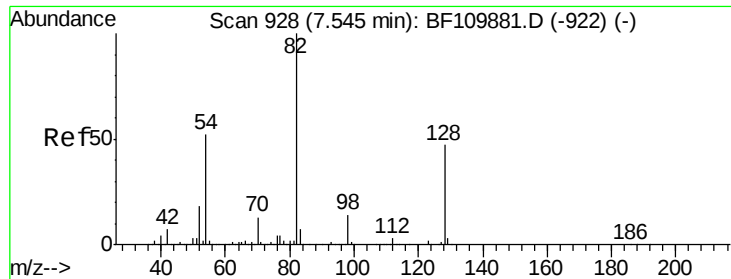
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#22
Acetophenone
Concen: 40.217 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	881021		
71	8.3		5.2	7.8#
51	27.6		21.8	32.8
120	22.7		17.0	25.4





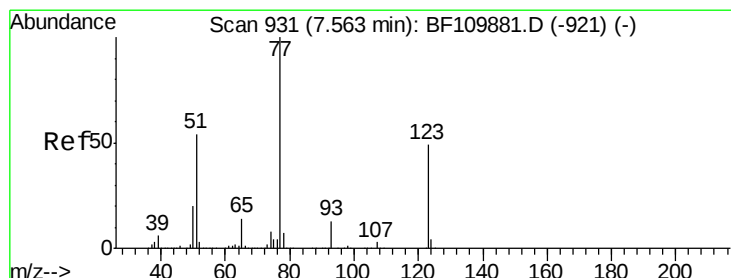
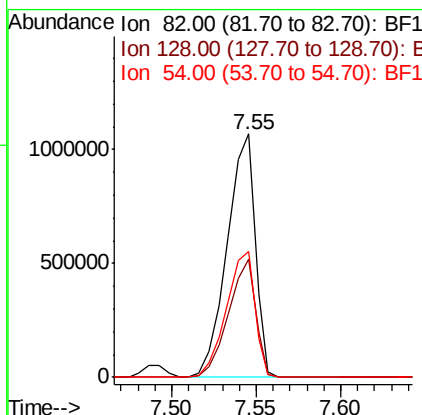
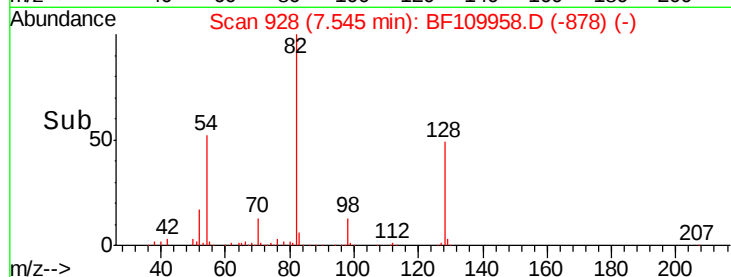
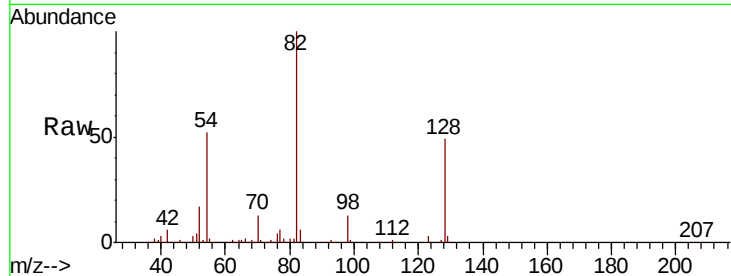
#23
Nitrobenzene-d5
Concen: 87.777 ng
RT: 7.55 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampleId :
RLF-SD-5MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.5	34.2	51.2
54	51.9	38.6	58.0

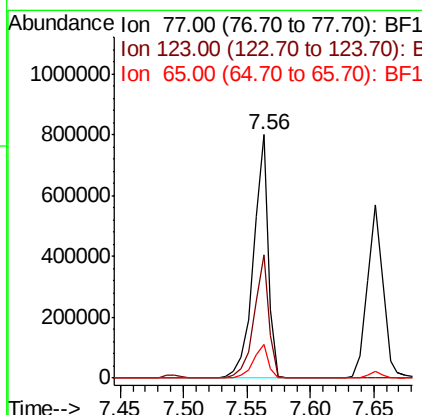
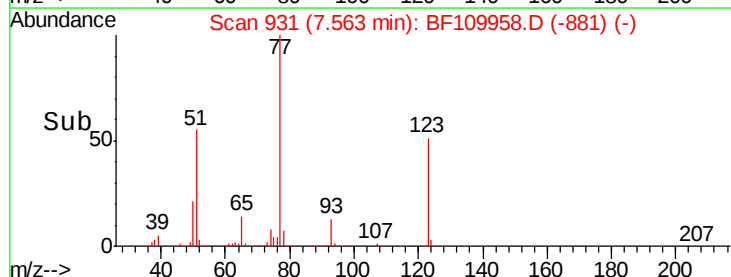
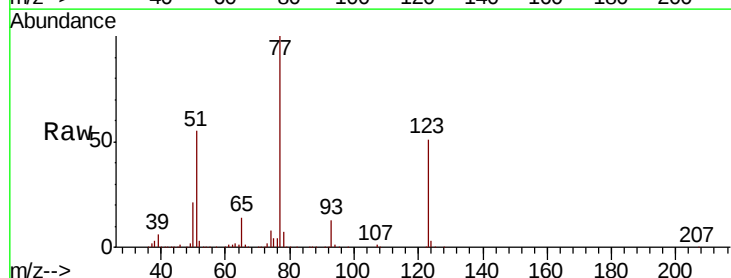
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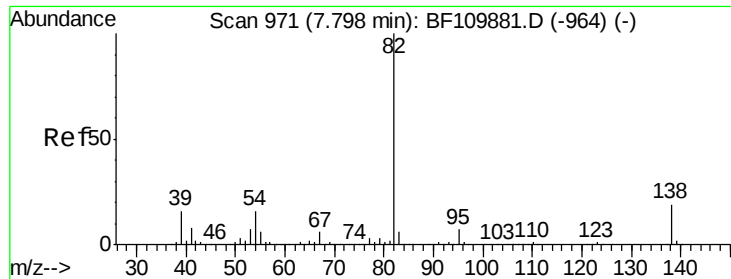
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#24
Nitrobenzene
Concen: 43.089 ng
RT: 7.56 min Scan# 931
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.9	35.7	53.5
65	13.9	10.7	16.1





#25

Isophorone

Concen: 44.548 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Instrument :

BNA_F

ClientSampleId :

RLF-SD-5MS

Tot Ion: 82 Resp: 1227440

Ion Ratio Lower Upper

82 100

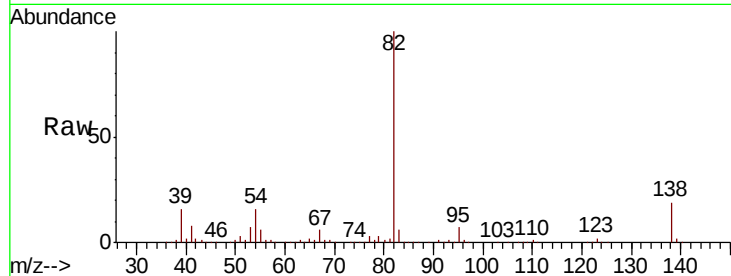
95 7.1 5.7 8.5

138 19.4 13.2 19.8

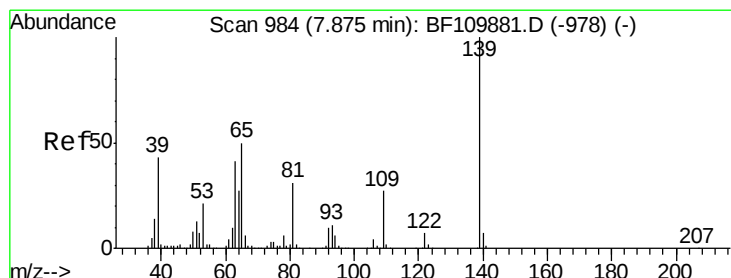
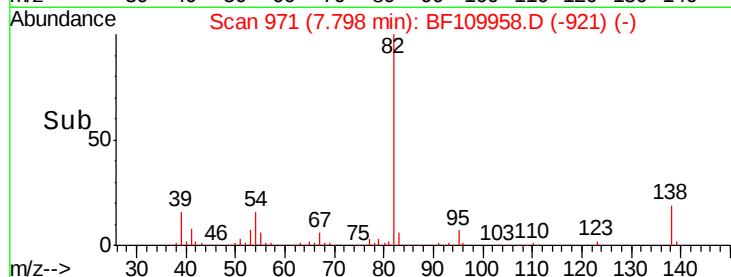
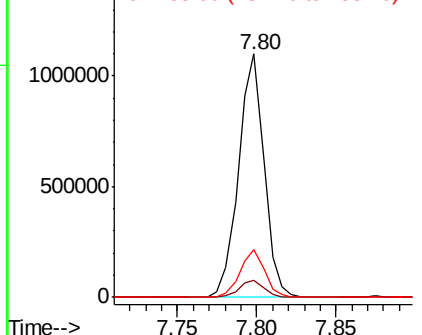
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 52.677 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

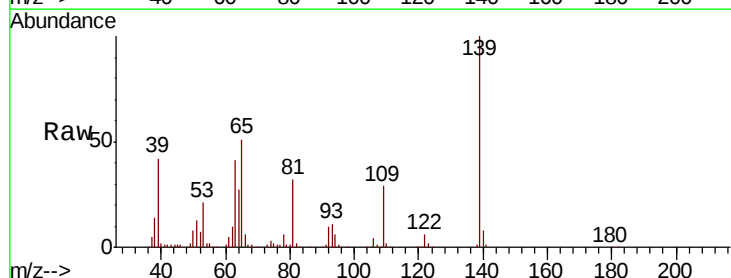
Tgt Ion: 139 Resp: 332712

Ion Ratio Lower Upper

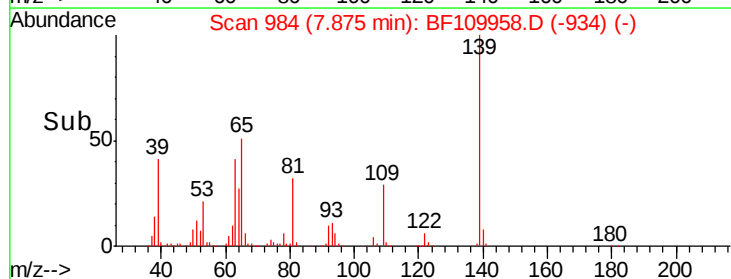
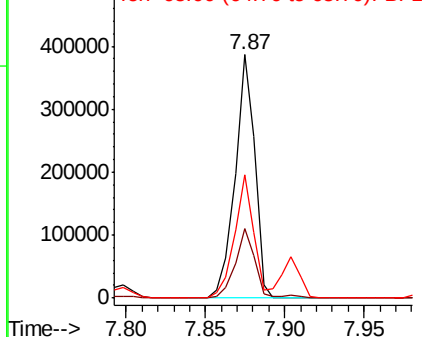
139 100

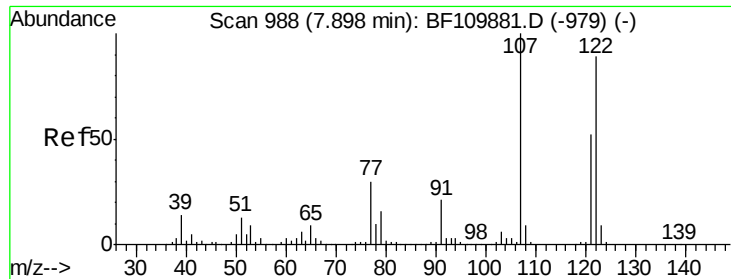
109 28.5 25.0 37.6

65 50.7 44.0 66.0



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 45.486 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Instrument :

BNA_F

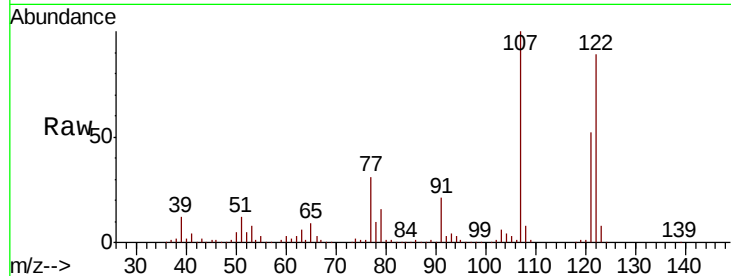
ClientSampled :

RLF-SD-5MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.0	92.5	138.7
121	58.4	45.8	68.8

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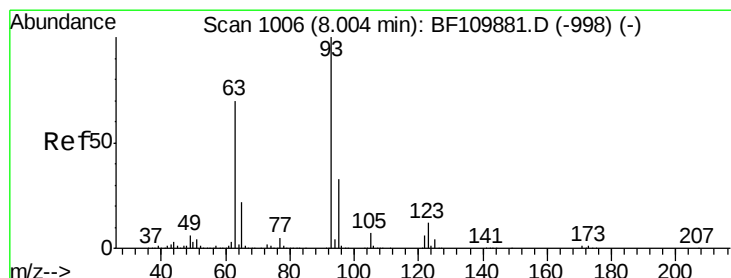
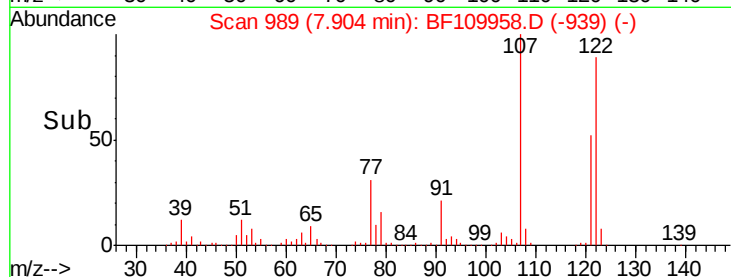
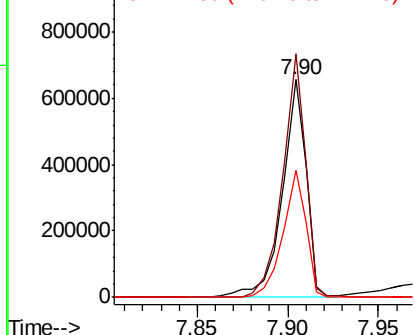


Abundance

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: 41.489 ng

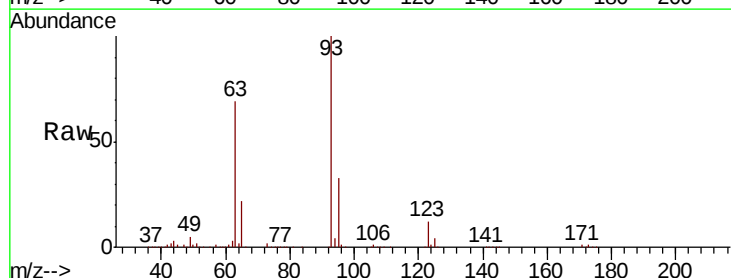
RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.4	39.6
123	11.6	9.0	13.6

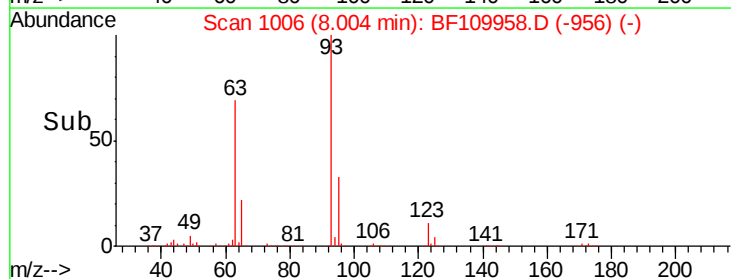
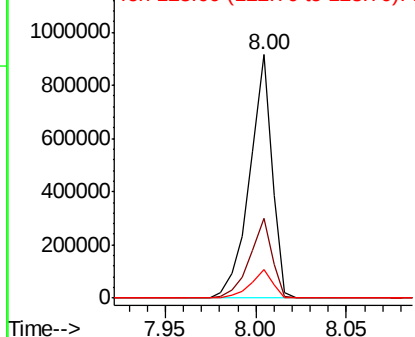


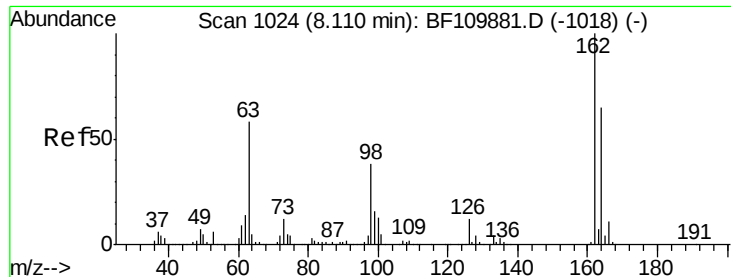
Abundance

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





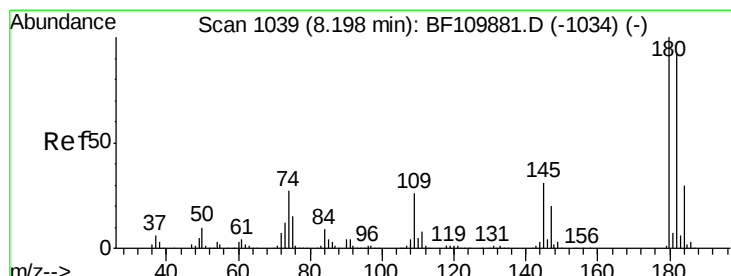
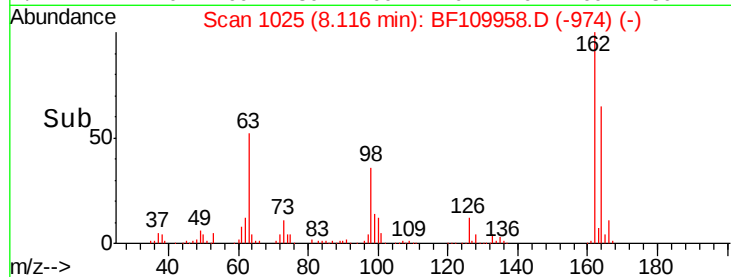
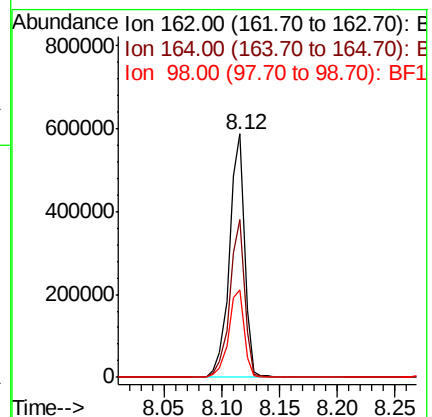
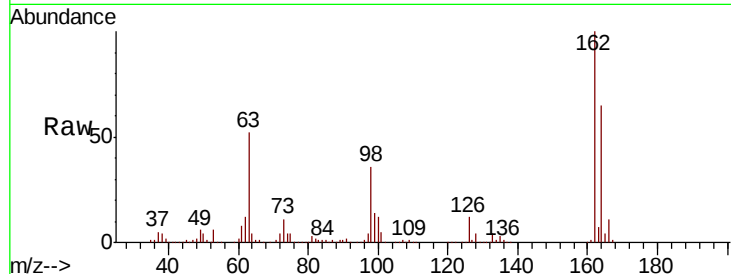
#29
2,4-Dichlorophenol
Concen: 41.807 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampleId :
RLF-SD-5MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.7	44.6	84.6
98	35.7	17.4	57.4

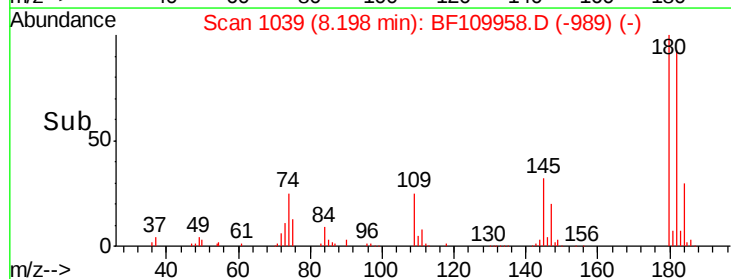
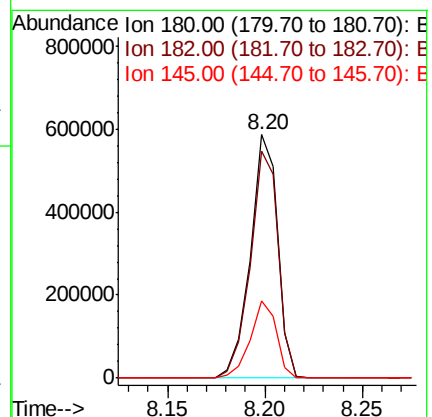
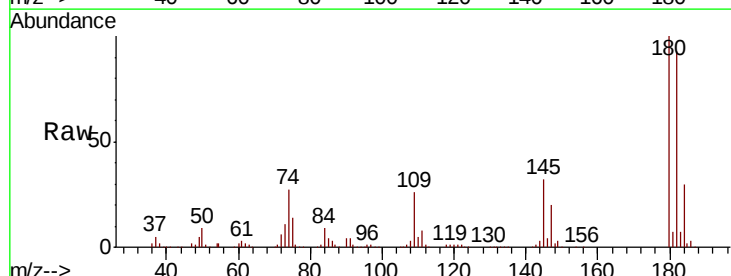
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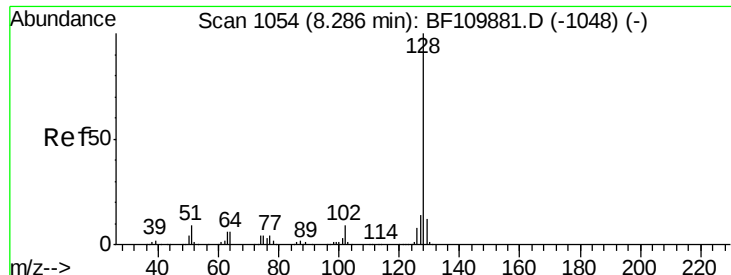
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#30
1,2,4-Trichlorobenzene
Concen: 39.349 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.1	80.3	120.5
145	31.9	25.4	38.0





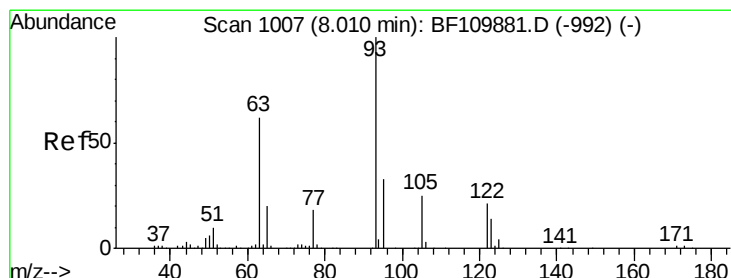
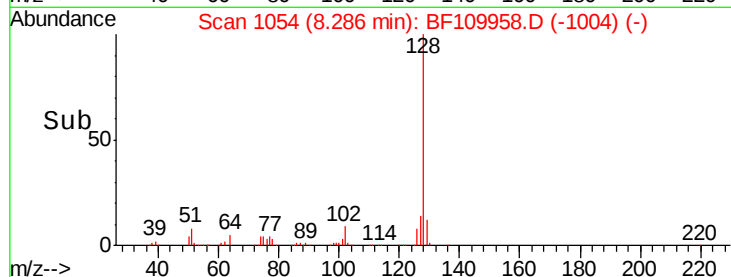
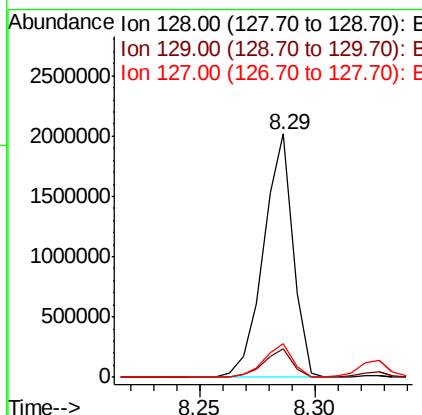
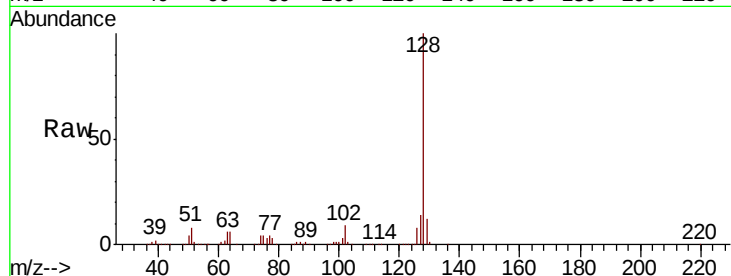
#31
Naphthalene
Concen: 41.475 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampleId :
RLF-SD-5MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.6	10.8	16.2

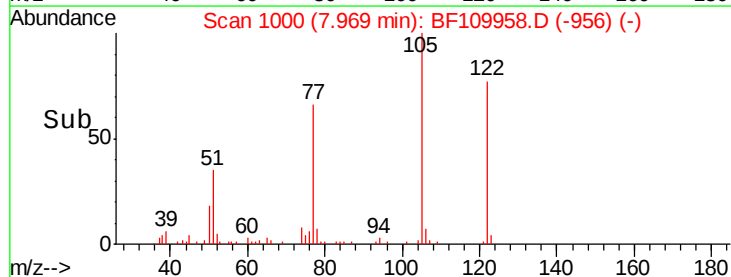
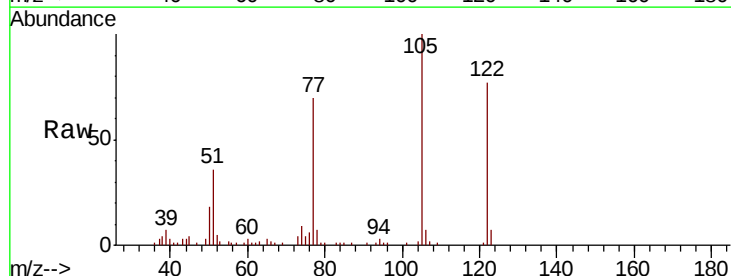
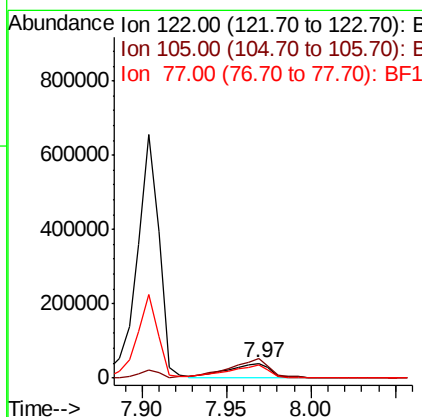
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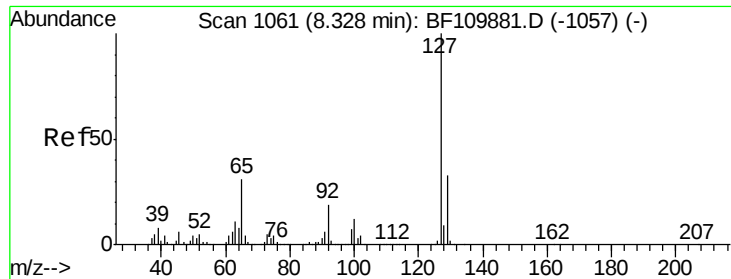
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#32
Benzoic acid
Concen: 8.403 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.04 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.2	109.0	149.0
77	90.1	79.0	119.0





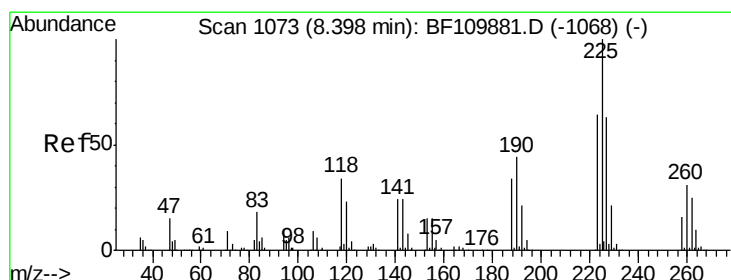
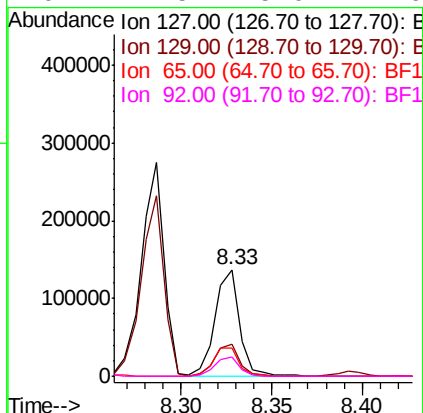
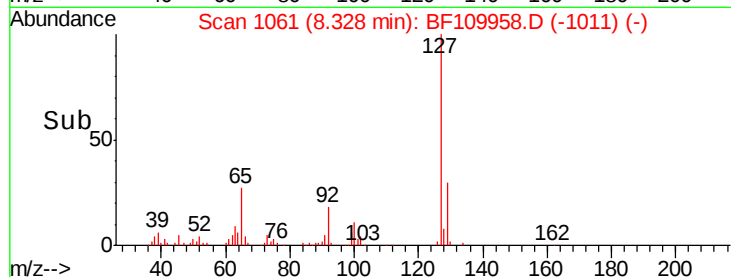
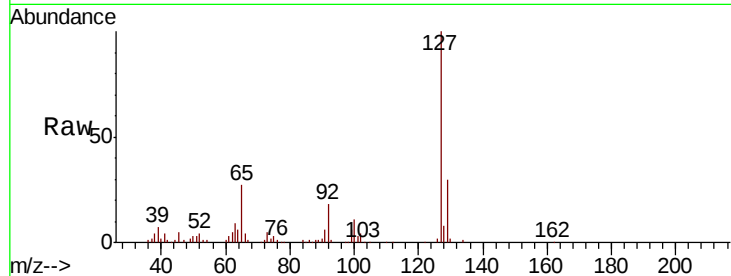
#33
4-Chloroaniline
Concen: 6.687 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampleId :
RLF-SD-5MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.4	26.0	39.0		
65	26.9	25.1	37.7		
92	17.5	15.0	22.6		

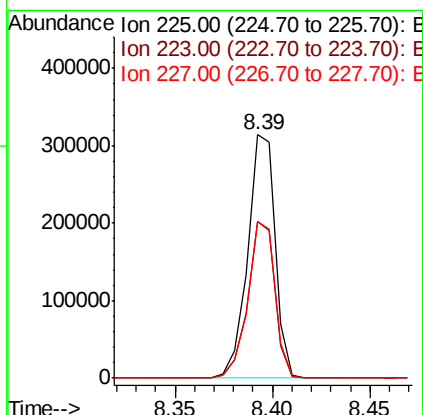
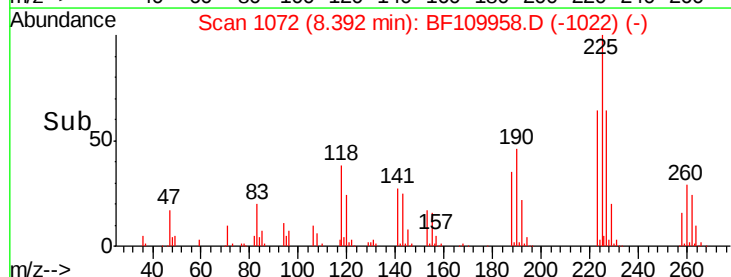
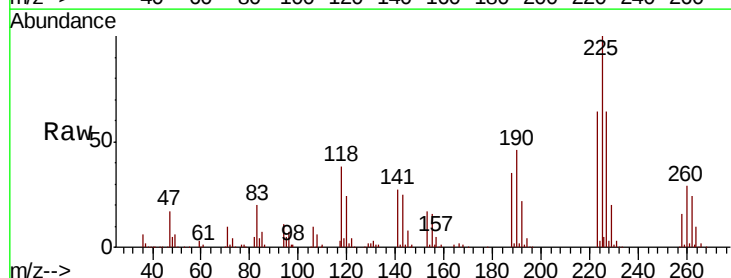
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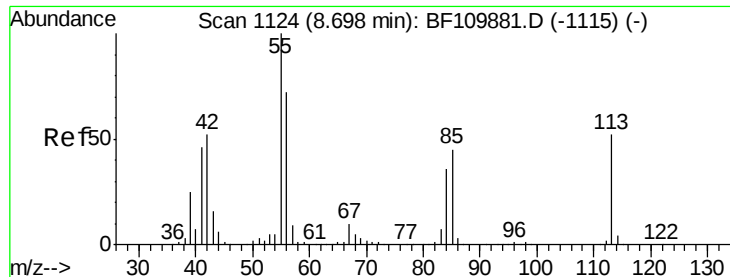
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#34
Hexachlorobutadiene
Concen: 38.509 ng
RT: 8.39 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.4	51.4	77.2		
227	64.5	51.0	76.6		





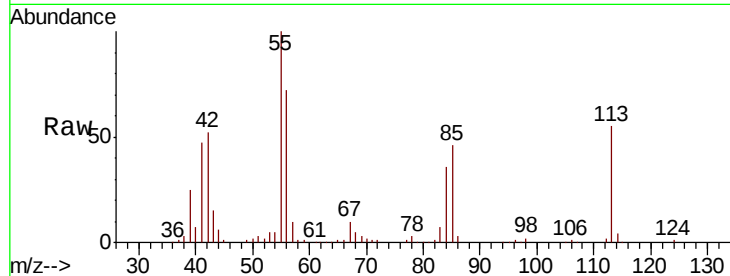
#35
Caprolactam
Concen: 35.949 ng/ml
RT: 8.69 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampleId :
RLF-SD-5MS

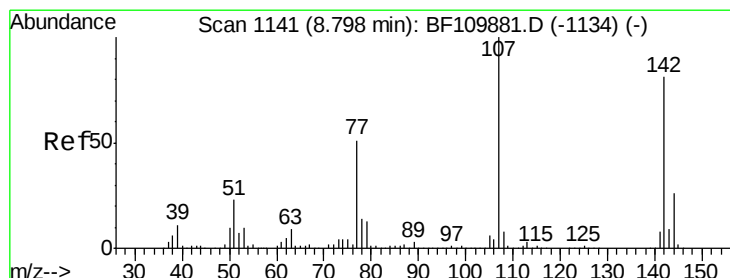
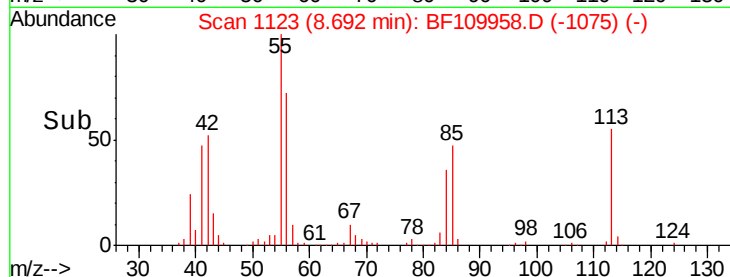
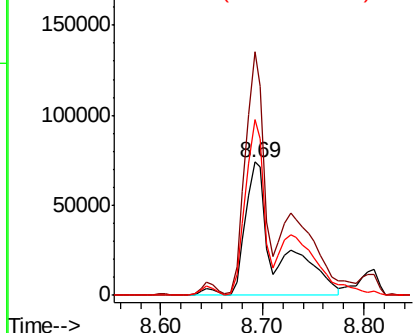
Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	182.5	142.8	182.8	
56	131.9	105.0	145.0	

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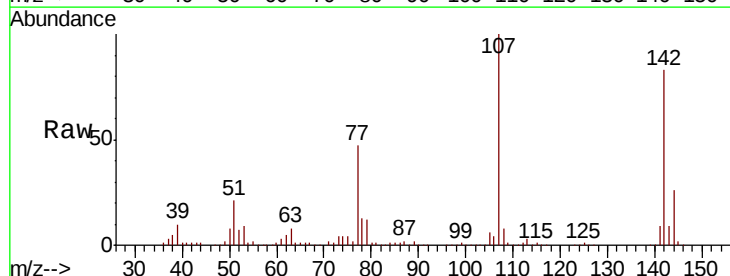


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

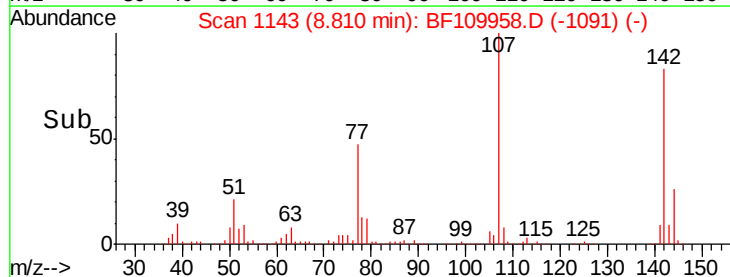
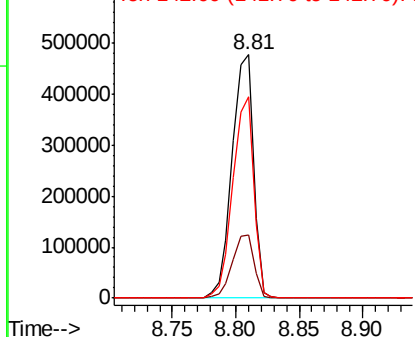


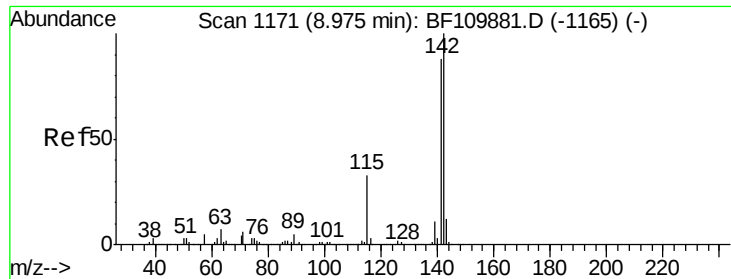
#36
4-Chloro-3-methylphenol
Concen: 41.023 ng/ml
RT: 8.81 min Scan# 1143
Delta R.T. 0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	26.1	20.0	30.0	
142	82.9	59.7	89.5	



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





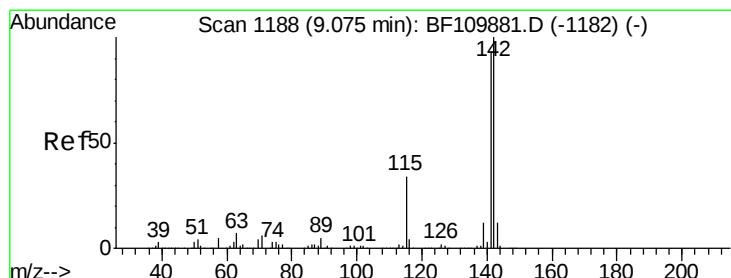
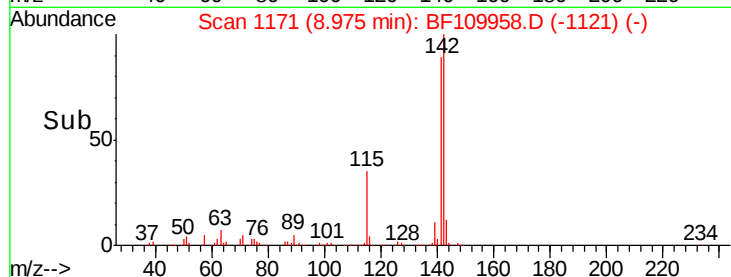
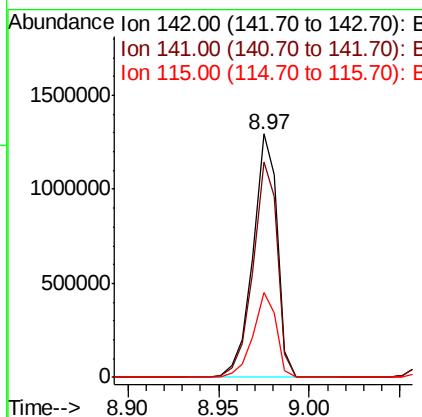
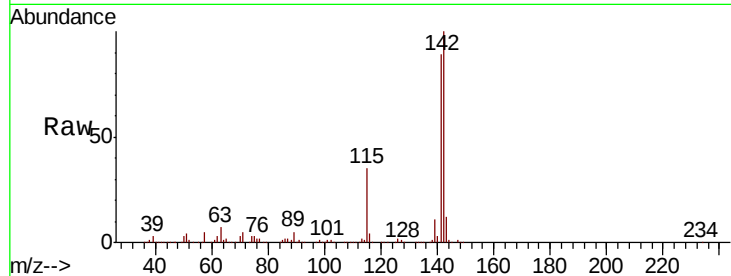
#37
2-Methylnaphthalene
Concen: 43.057 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampleId :
RLF-SD-5MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.4	107.2
115	34.9	28.7	43.1

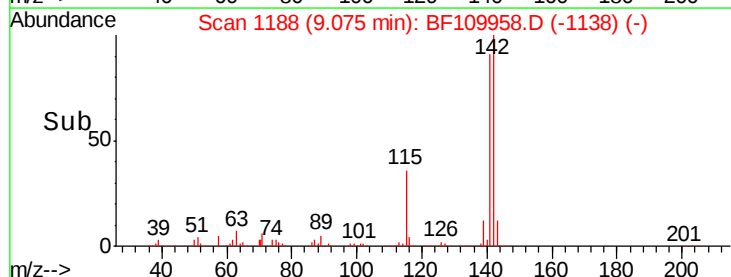
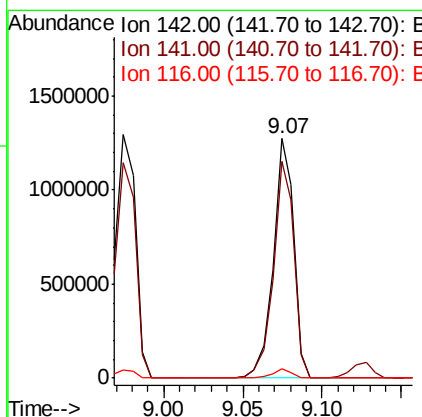
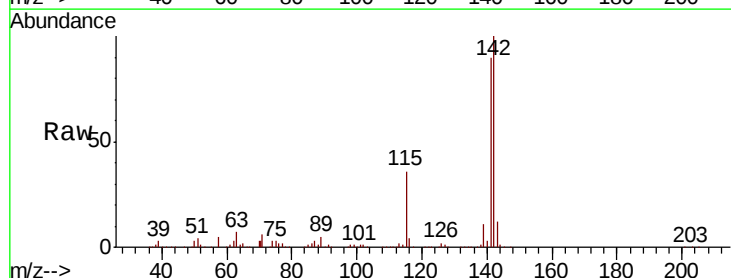
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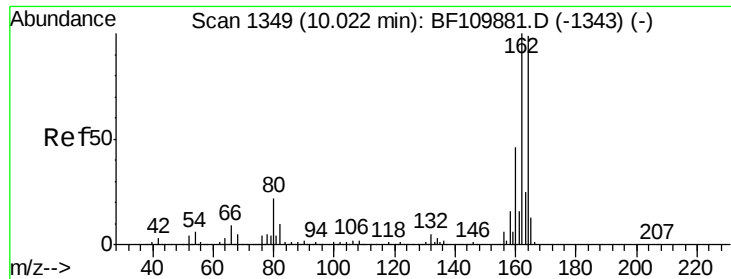
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#38
1-Methylnaphthalene
Concen: 42.096 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	74.2	111.4
116	3.8	2.6	4.0





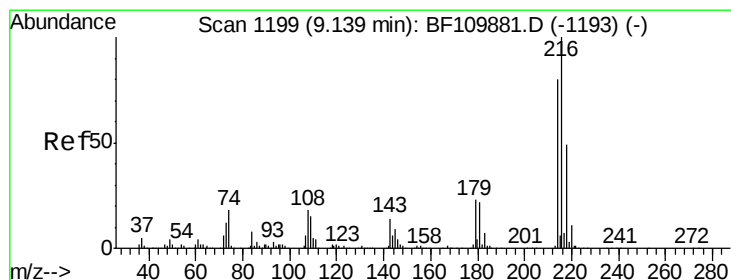
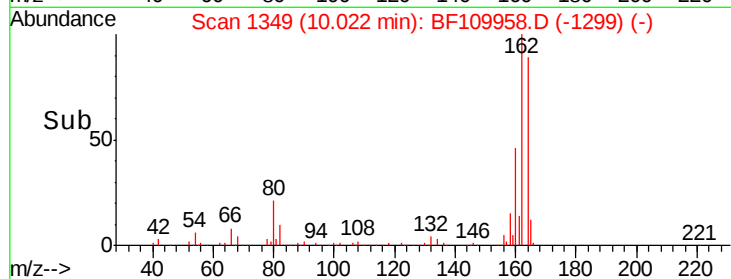
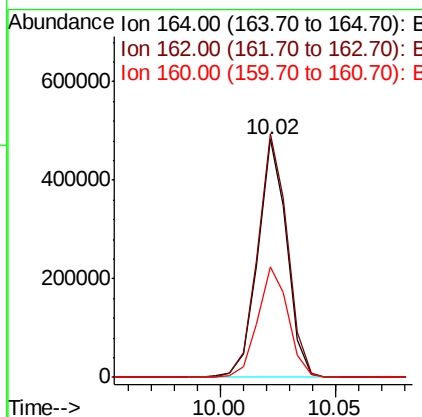
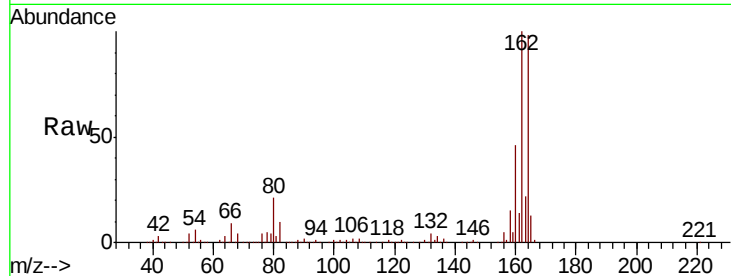
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampleId :
RLF-SD-5MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.3	83.0	124.6	
160	46.6	37.0	55.6	

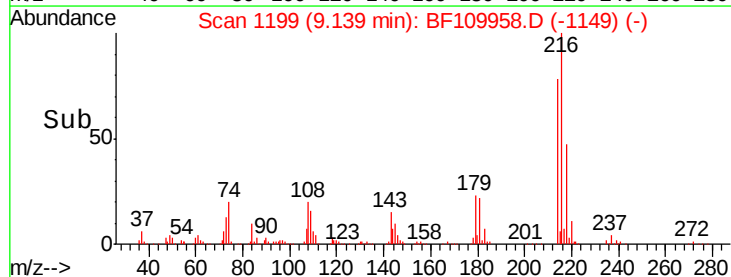
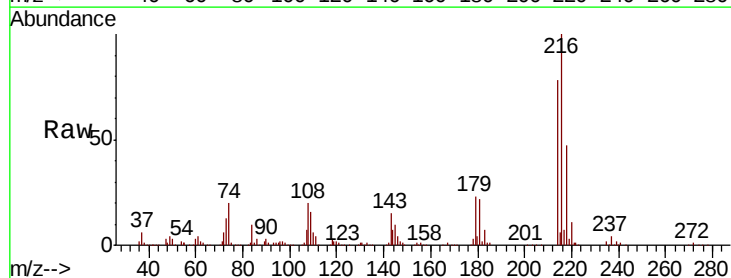
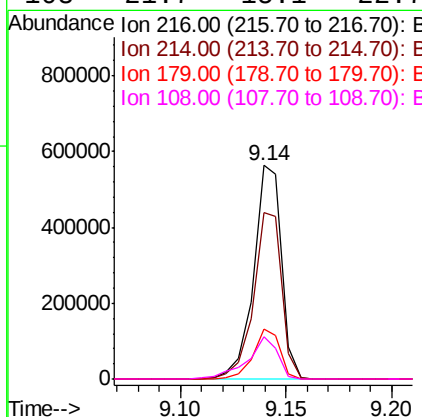
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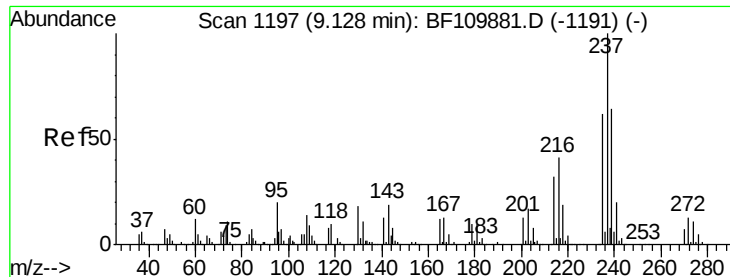
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.809 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.0	63.8	95.6	
179	22.5	16.6	25.0	
108	21.7	15.1	22.7	





#41

Hexachlorocyclopentadiene

Concen: 91.554 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Instrument :

BNA_F

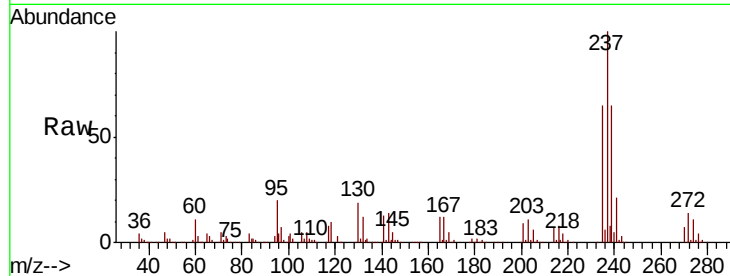
ClientSampleId :

RLF-SD-5MS

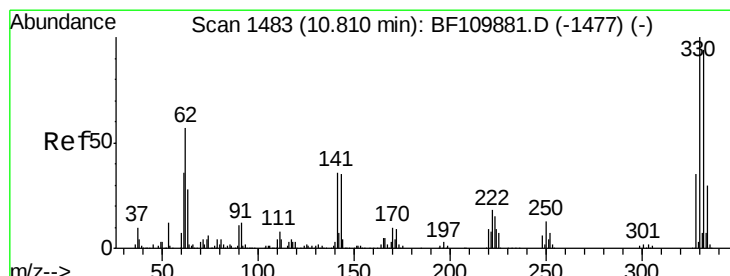
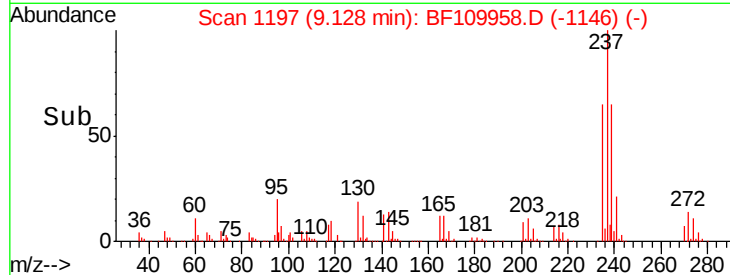
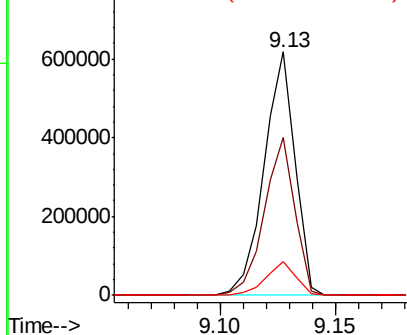
Tot Ion:	237	Resp:	574352
Ion Ratio	Lower	Upper	
237	100		
235	64.9	43.1	83.1
272	13.6	0.0	32.6

Manual Integrations
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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: 115.544 ng

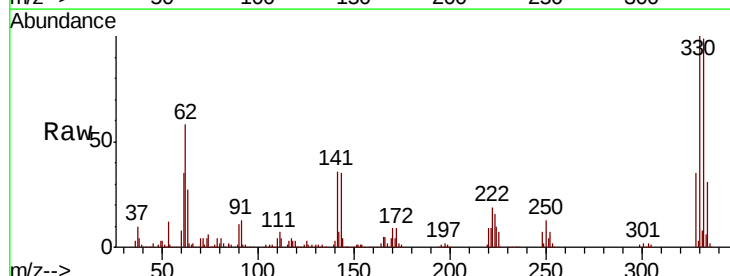
RT: 10.82 min Scan# 1484

Delta R.T. -0.00 min

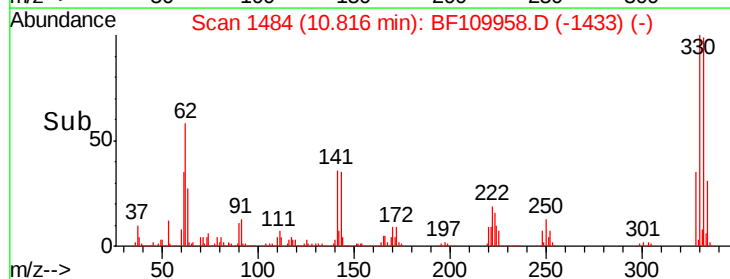
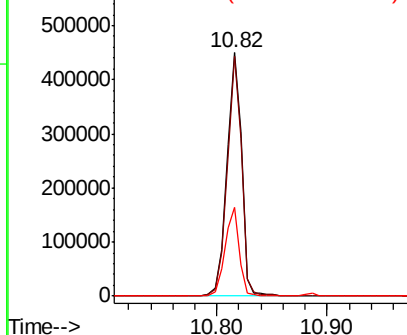
Lab File: BF109958.D

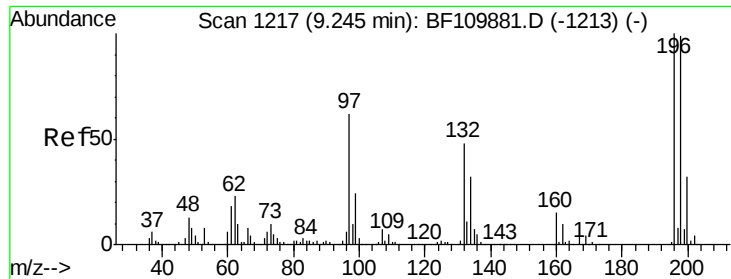
Acq: 18 Oct 2018 13:51

Tgt Ion:	330	Resp:	422131
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.1	115.7
141	35.3	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





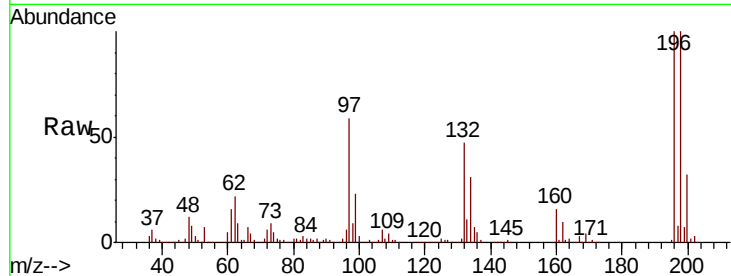
#43
 2,4,6-Trichlorophenol
 Concen: 43.544 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF109958.D
 Acq: 18 Oct 2018 13:51

Instrument :
 BNA_F
 ClientSampleId :
 RLF-SD-5MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	353894		
198	99.9	76.2	114.4	
200	31.8	24.4	36.6	

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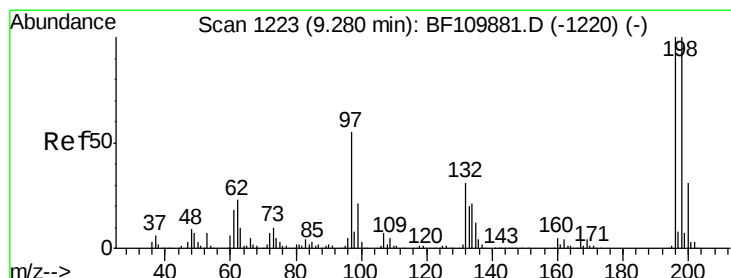
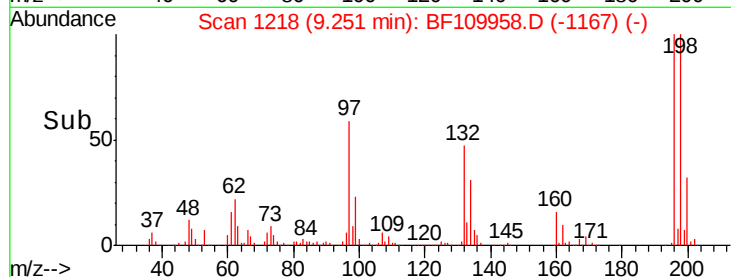
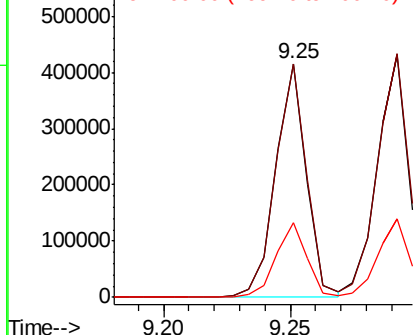


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 43.892 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF109958.D
 Acq: 18 Oct 2018 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	370231		
198	100.7	75.8	113.6	
97	49.7	42.4	63.6	
132	30.0	22.8	34.2	

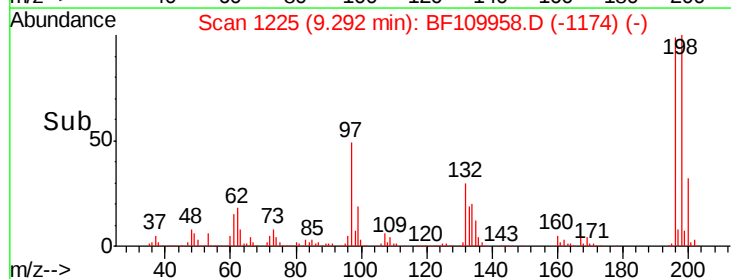
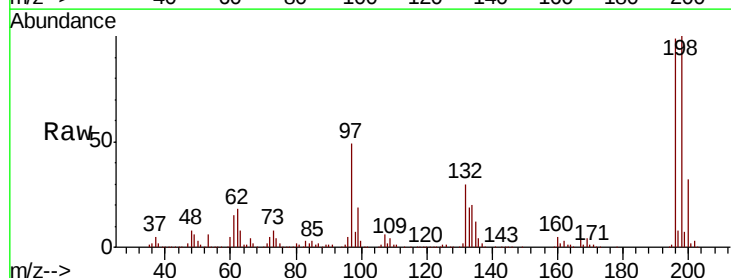
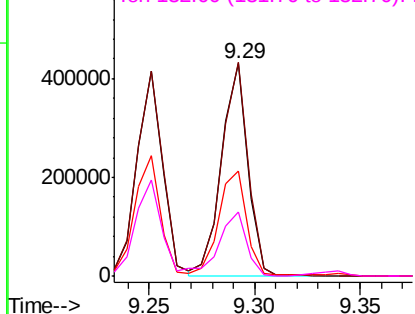
Abundance

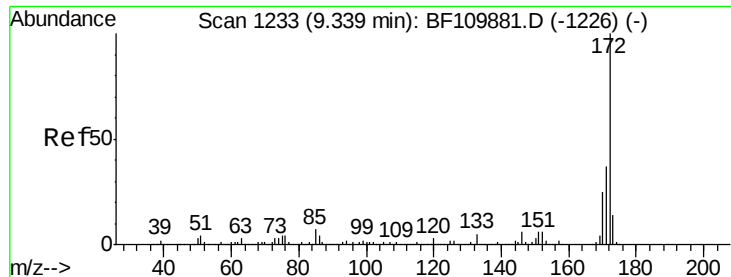
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





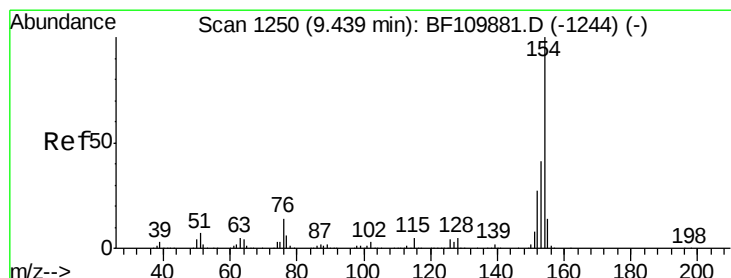
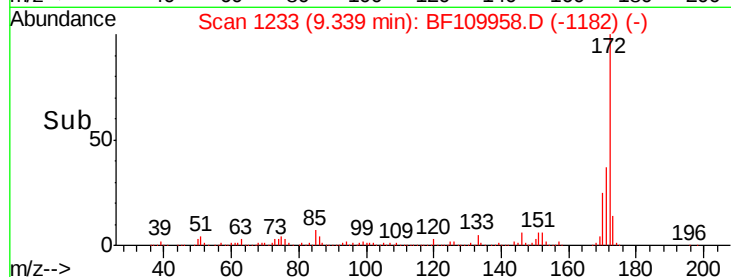
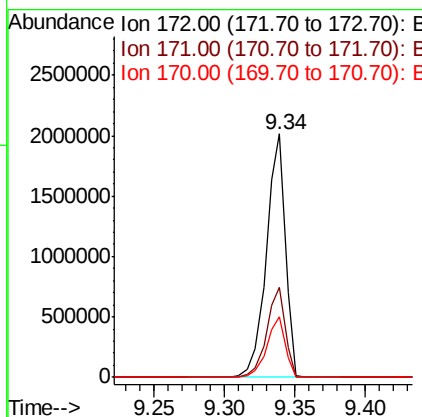
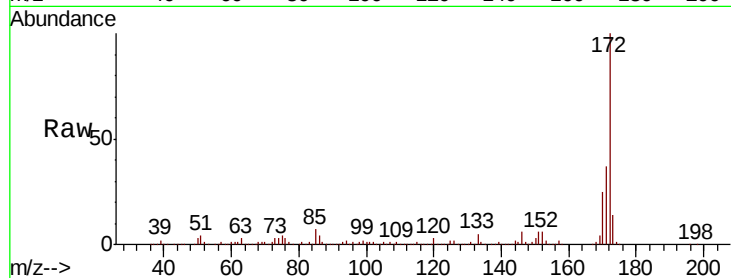
#45
2-Fluorobiphenyl
Concen: 72.434 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampleId :
RLF-SD-5MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.6	43.0
170	24.9	19.7	29.5

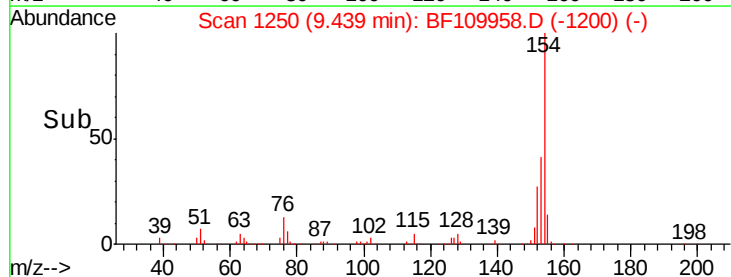
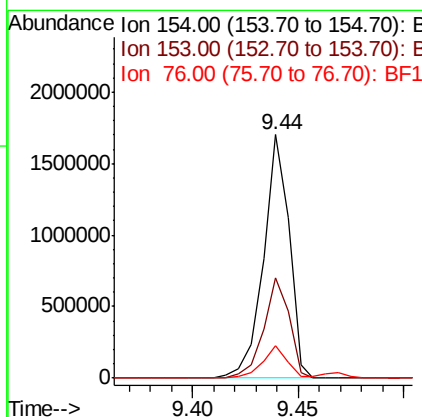
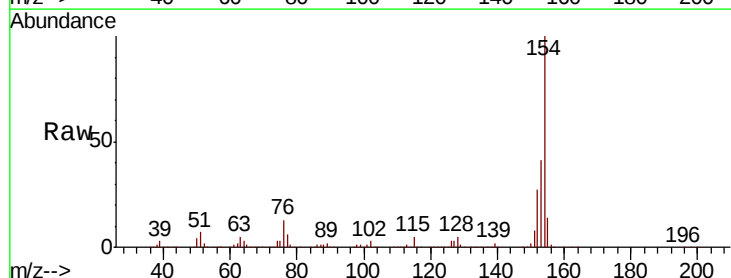
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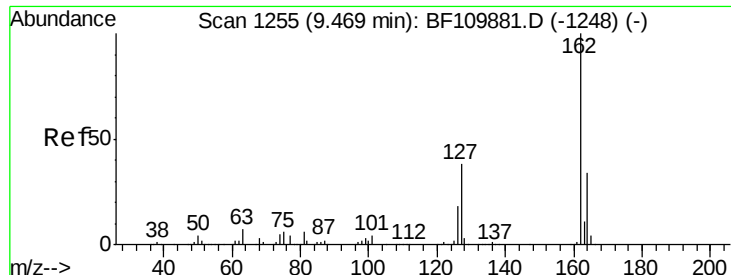
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#46
1,1'-Biphenyl
Concen: 38.314 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.4	60.4
76	13.1	0.0	31.9





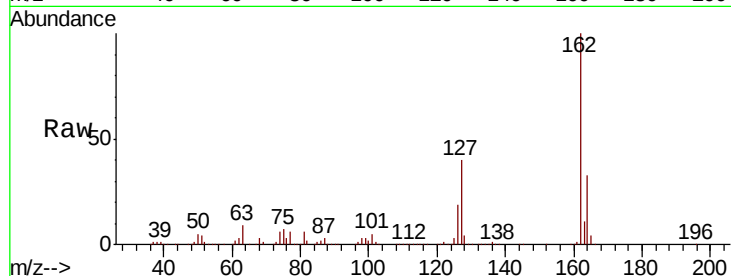
#47
 2-Chloronaphthalene
 Concen: 39.873 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF109958.D
 Acq: 18 Oct 2018 13:51

Instrument :
 BNA_F
 ClientSampleId :
 RLF-SD-5MS

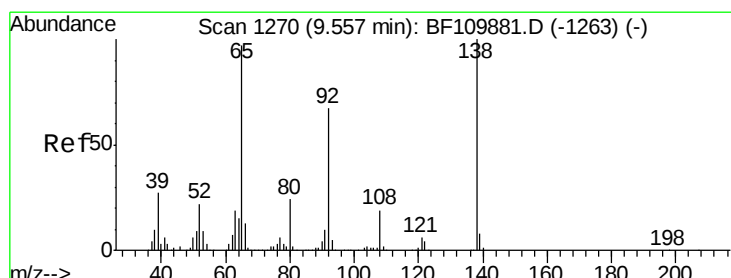
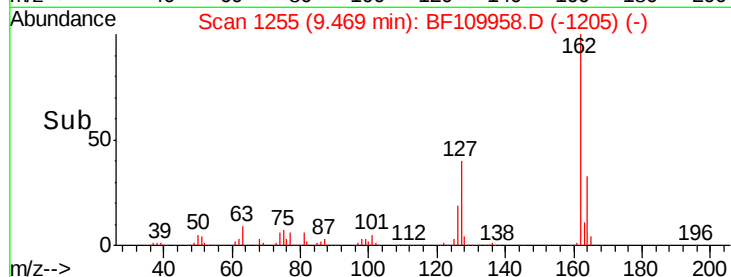
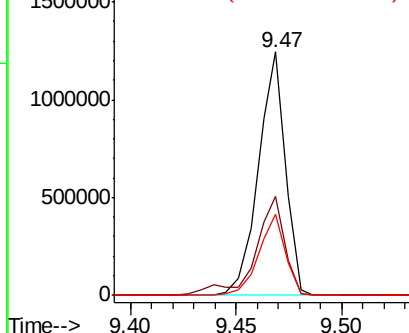
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	32.6	48.8
164	33.1	25.9	38.9

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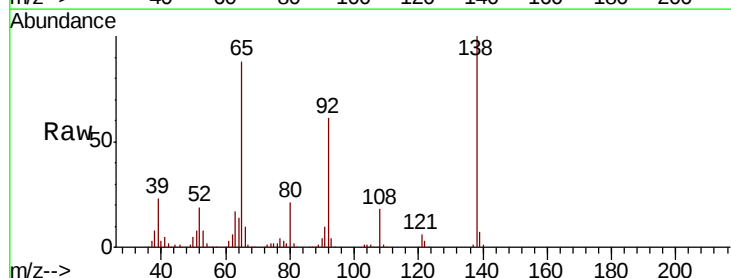


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

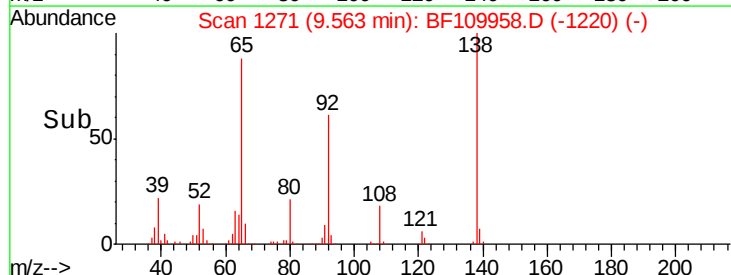
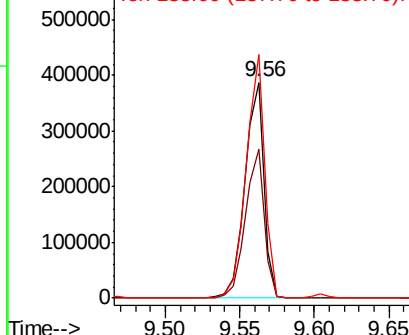


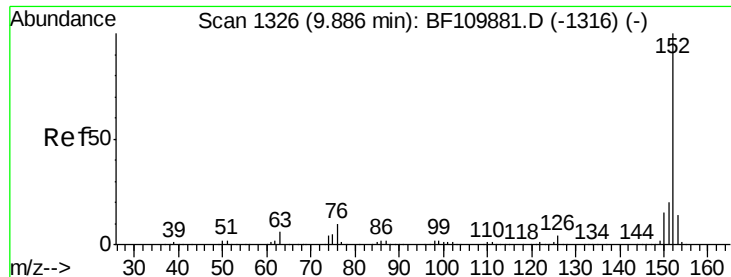
#48
 2-Nitroaniline
 Concen: 47.888 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: BF109958.D
 Acq: 18 Oct 2018 13:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.3	54.6	81.8
138	113.0	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: 41.579 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Instrument :

BNA_F

ClientSampleId :

RLF-SD-5MS

Tot Ion:152 Resp: 1672783

Ion Ratio Lower Upper

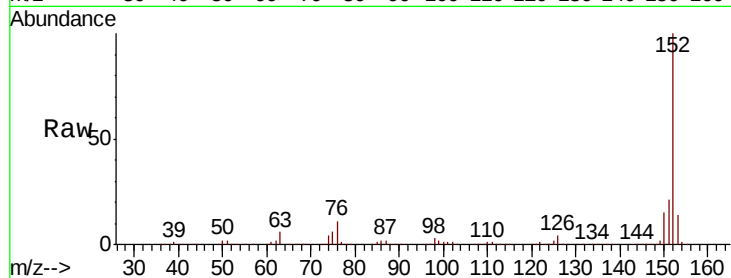
152 100

151 21.0 15.8 23.8

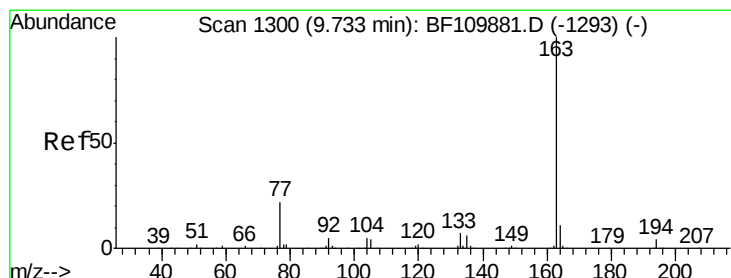
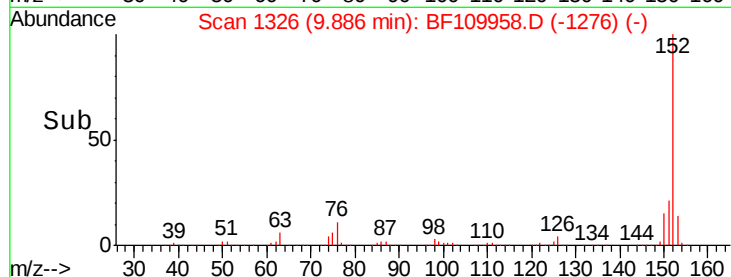
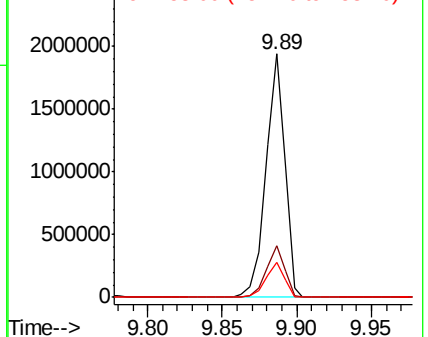
153 14.5 10.4 15.6

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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: 50.135 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

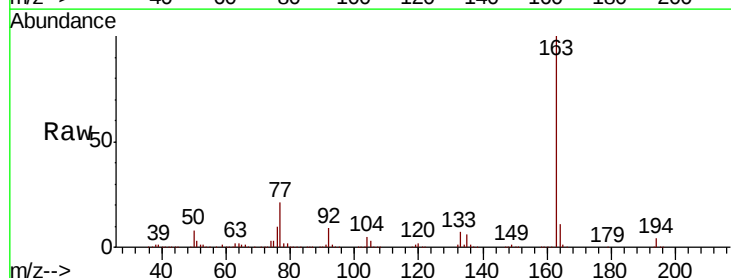
Tgt Ion:163 Resp: 1498054

Ion Ratio Lower Upper

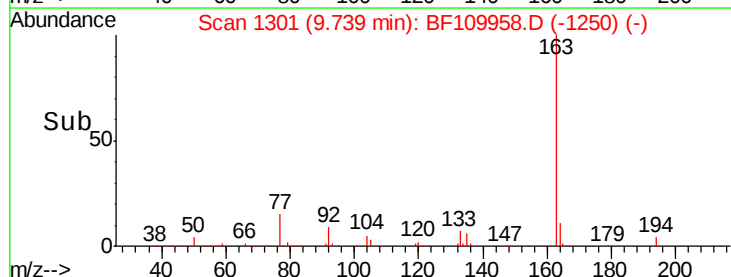
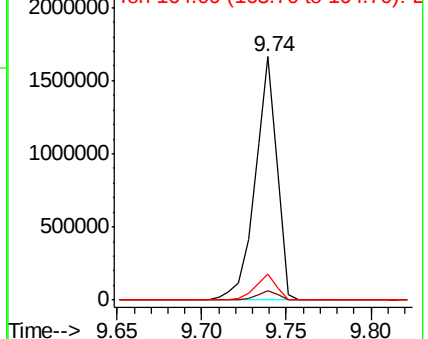
163 100

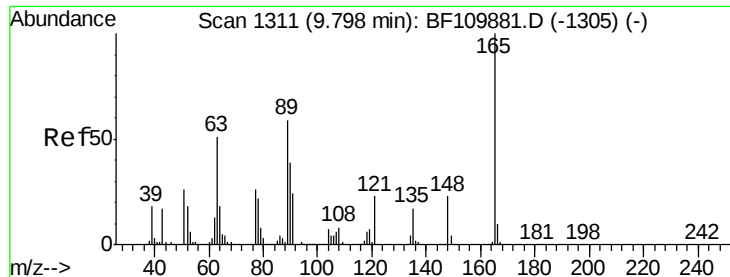
194 3.8 3.2 4.8

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





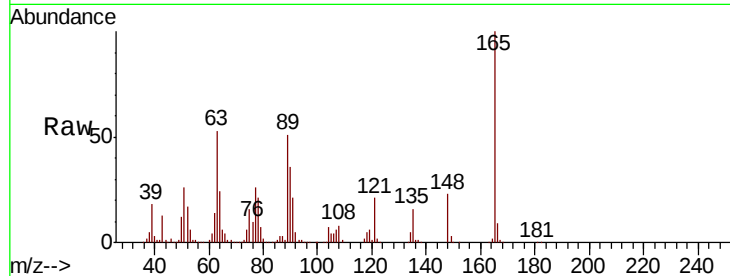
#51
2,6-Dinitrotoluene
Concen: 48.974 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampleId :
RLF-SD-5MS

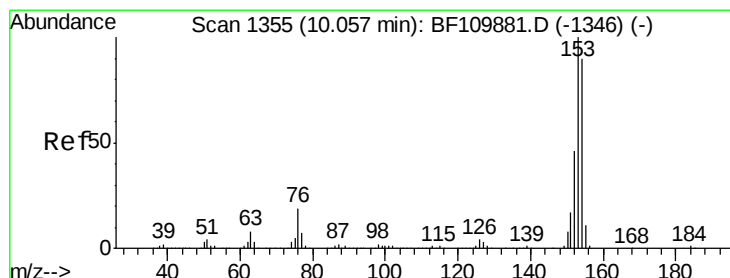
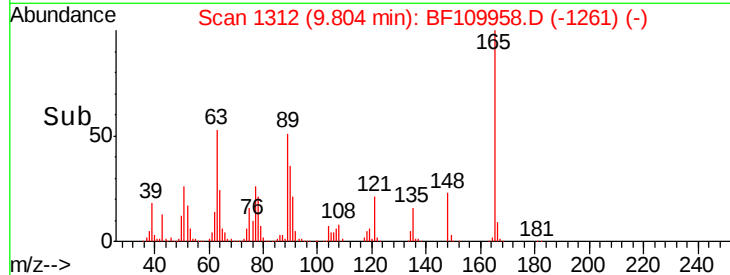
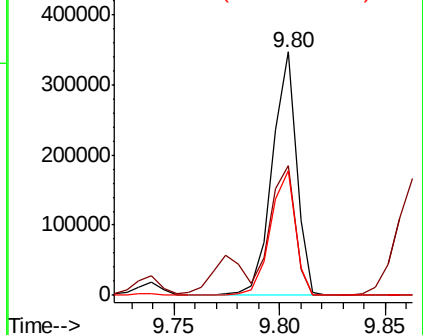
Tot Ion	Ratio	Resp	Lower	Upper
165	100	277943		
63	53.2	48.9	73.3	
89	51.2	46.6	69.8	

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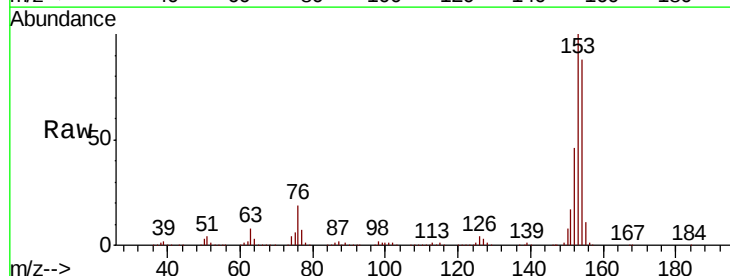


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

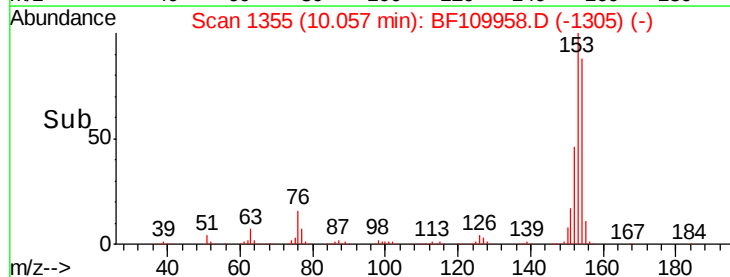
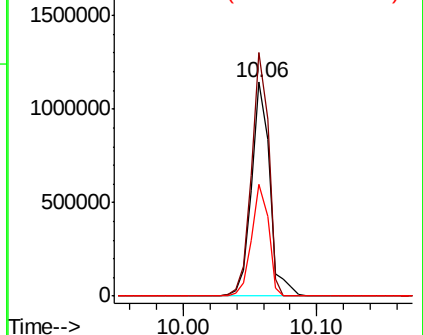


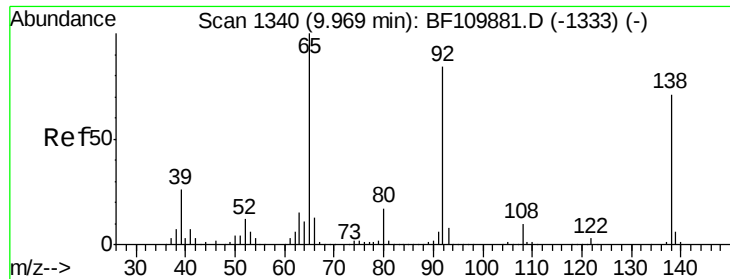
#52
Acenaphthene
Concen: 41.329 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1058573		
153	113.7	90.1	135.1	
152	52.4	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





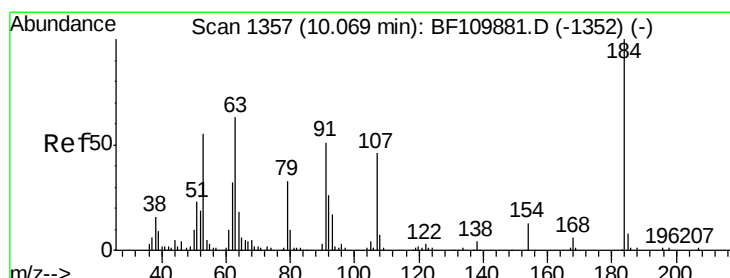
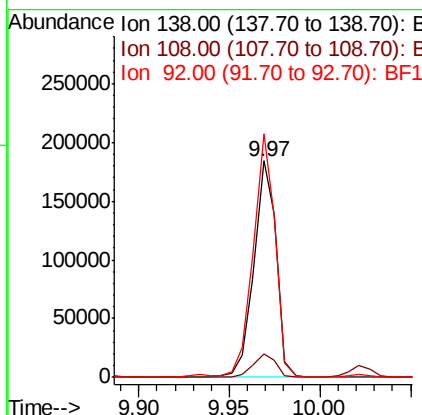
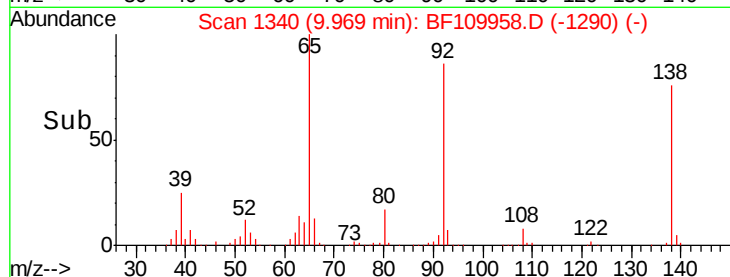
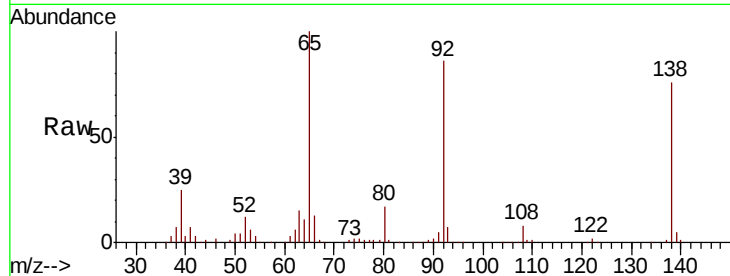
#53
3-Nitroaniline
Concen: 22.862 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampleId :
RLF-SD-5MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.7	13.1
92	112.5	97.0	145.4

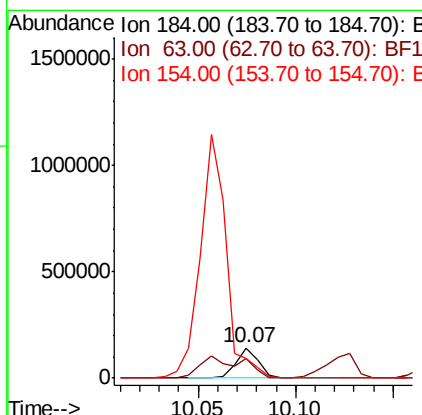
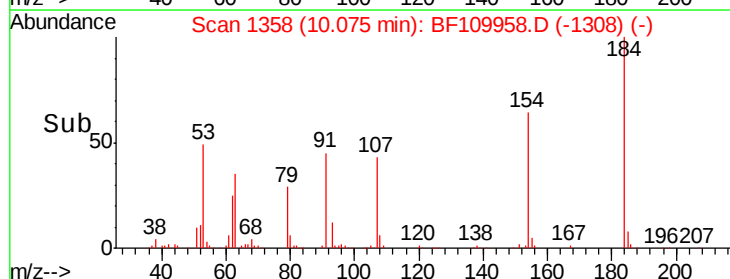
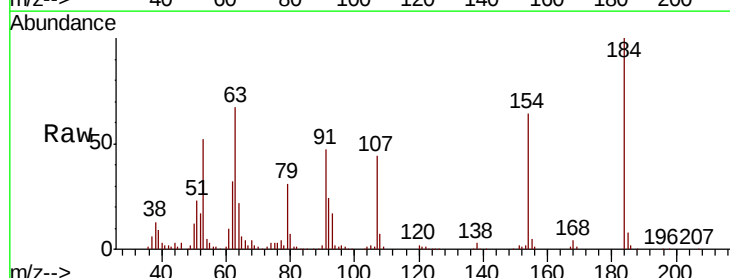
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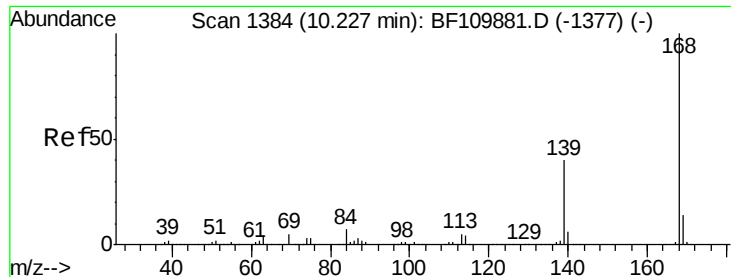
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#54
2,4-Dinitrophenol
Concen: 64.452 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.8	55.8	83.6
154	63.7	63.2	94.8





#55

Dibenzenofuran

Concen: 39.839 ng

RT: 10.23 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Instrument :

BNA_F

ClientSampleId :

RLF-SD-5MS

Tot Ion:168 Resp: 1455278

Ion Ratio Lower Upper

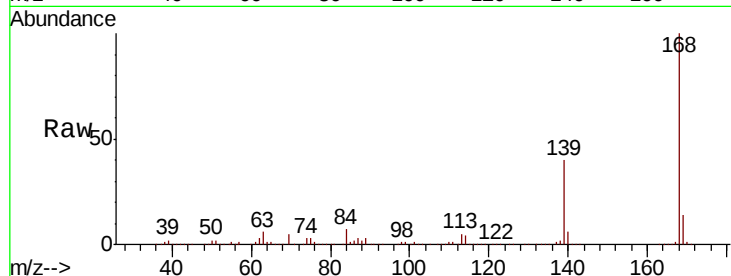
168 100

139 39.6 33.0 49.6

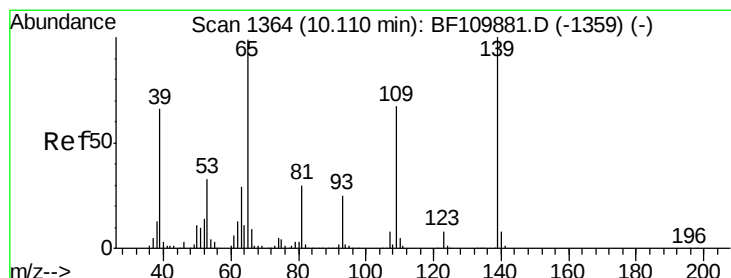
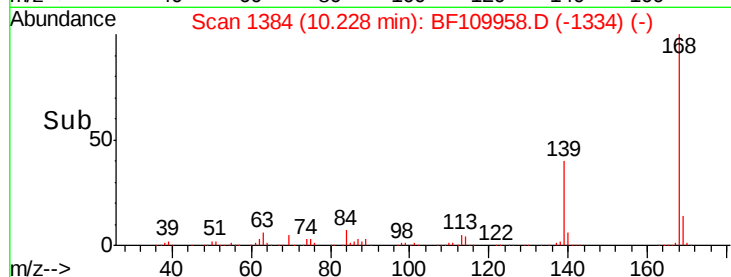
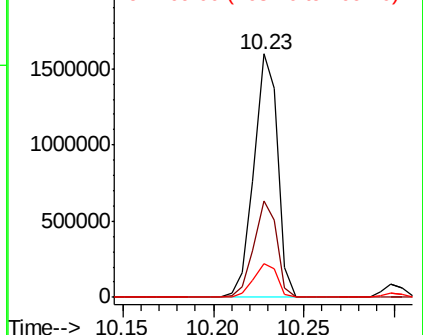
169 13.8 11.3 16.9

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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: 84.306 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.01 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

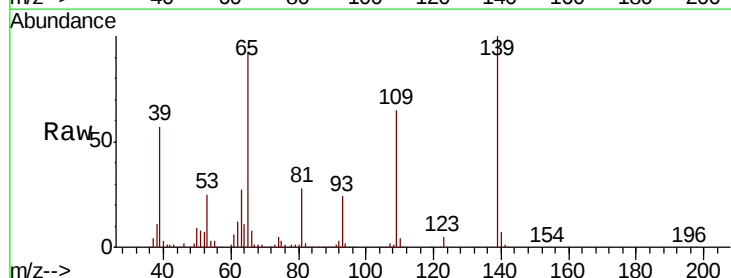
Tgt Ion:139 Resp: 444094

Ion Ratio Lower Upper

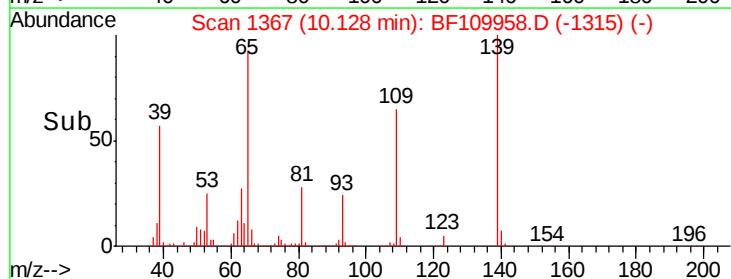
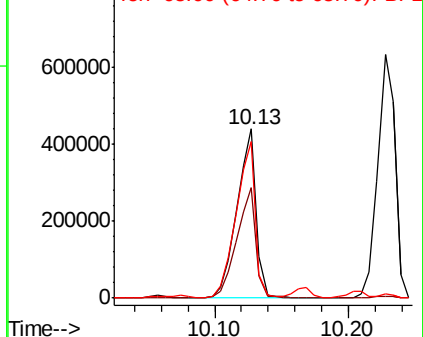
139 100

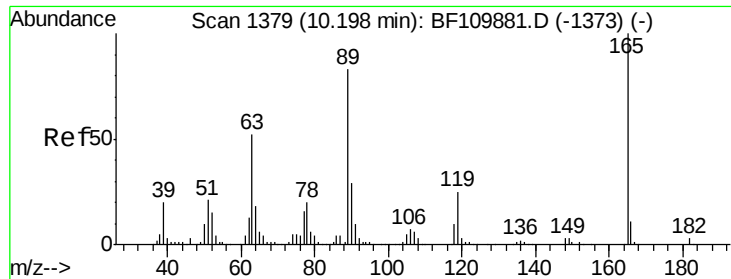
109 65.2 55.8 95.8

65 92.3 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





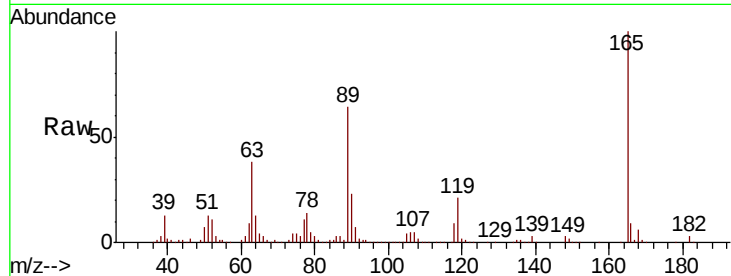
#57
2,4-Dinitrotoluene
Concen: 49.635 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampleId :
RLF-SD-5MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	357074		
63	37.7		44.8	67.2#
89	64.3		62.2	93.4
182	2.6		2.1	3.1

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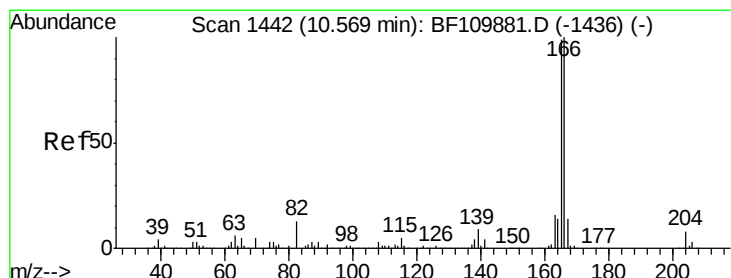
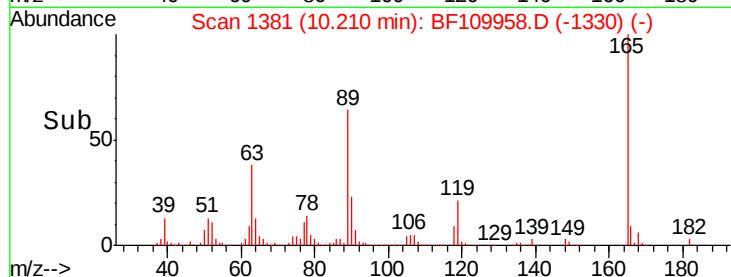
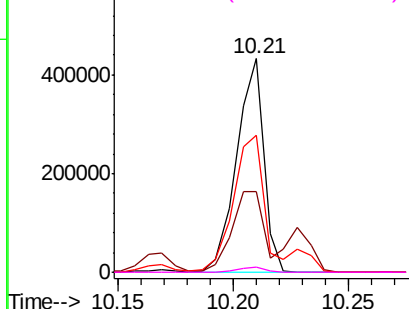
Abundance

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: 41.782 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

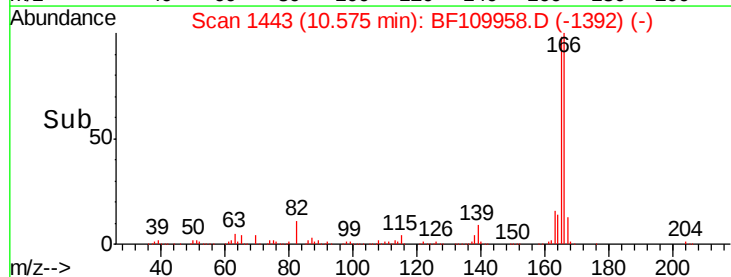
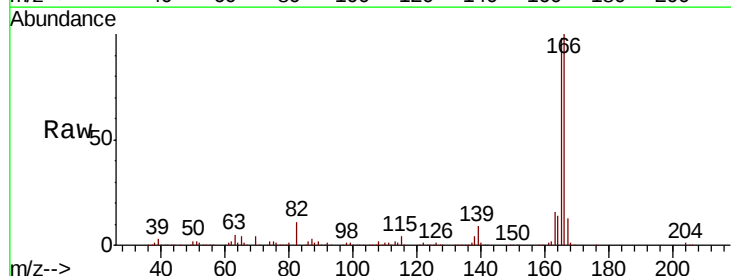
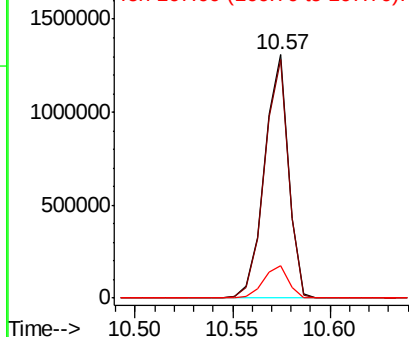
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1111024		
165	98.0		78.6	117.8
167	13.3		10.8	16.2

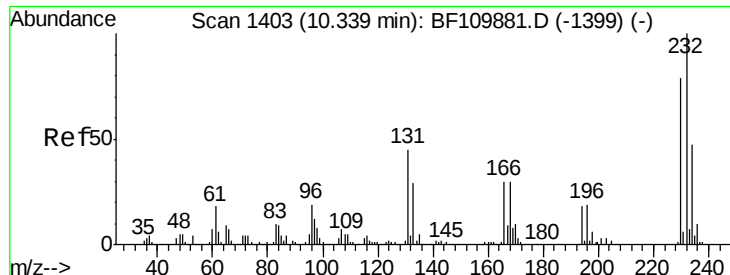
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





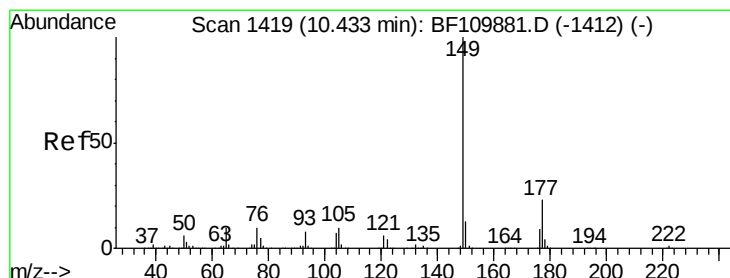
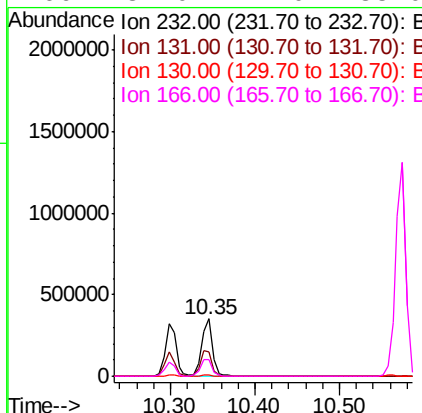
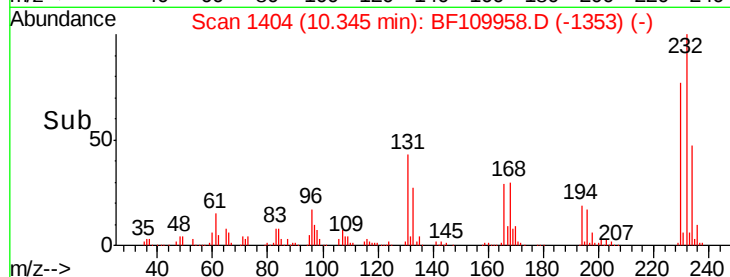
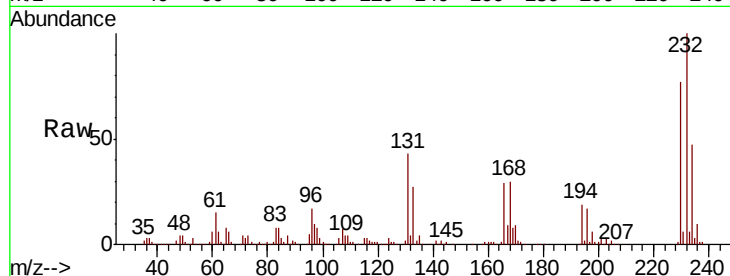
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.747 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampleId :
RLF-SD-5MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.9	37.0	55.4
130	2.3	1.8	2.6
166	31.0	22.0	33.0

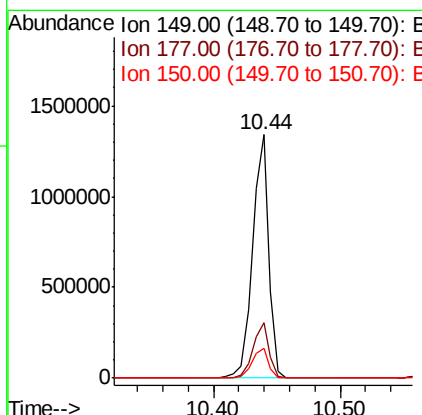
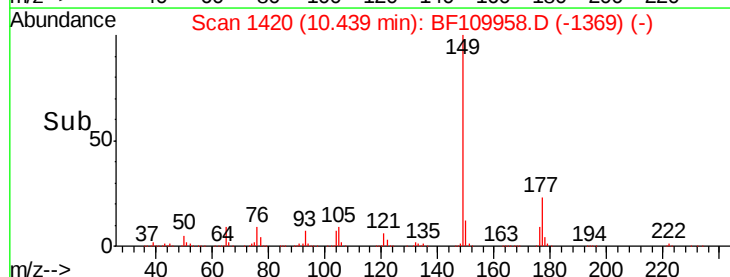
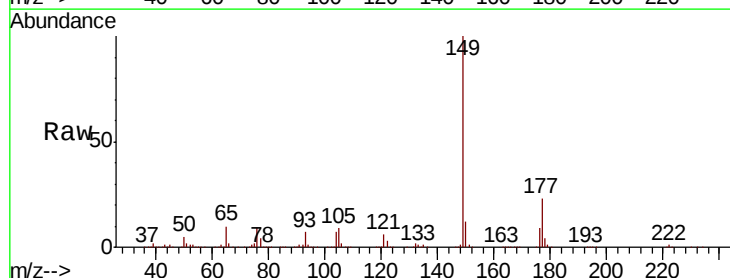
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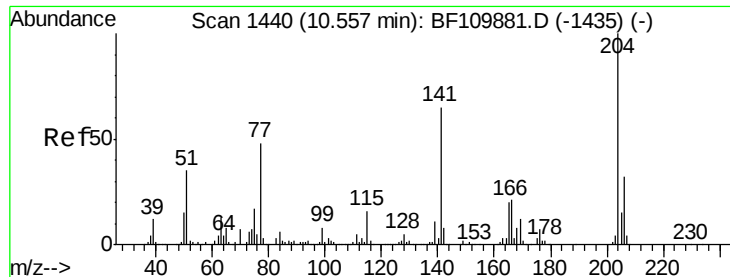
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#60
Diethylphthalate
Concen: 40.291 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	17.4	26.2
150	12.4	9.8	14.8





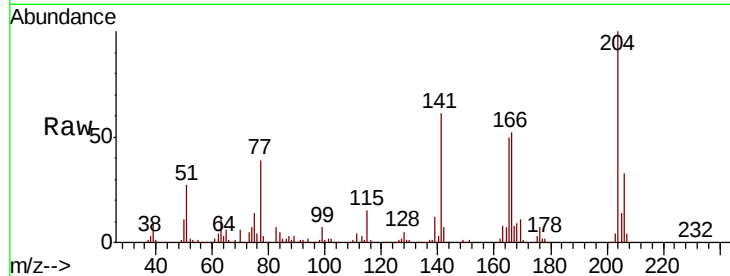
#61
4-Chlorophenyl-phenylether
Concen: 38.755 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampleId :
RLF-SD-5MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	61.1	51.8	77.8

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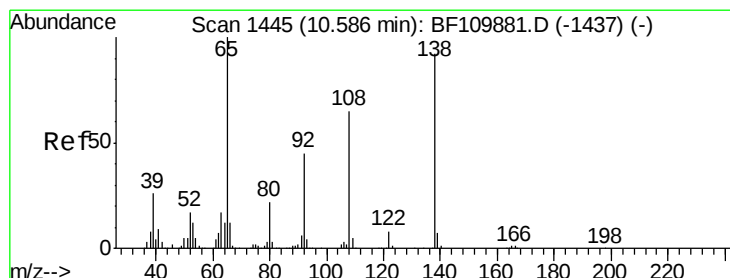
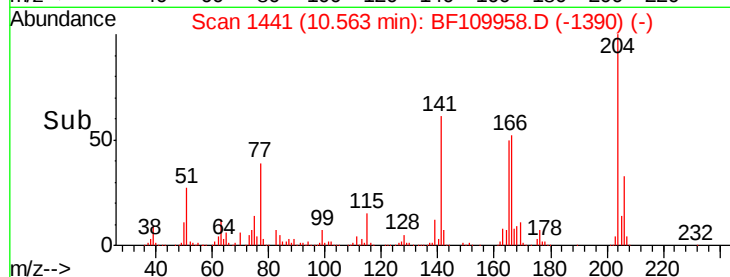
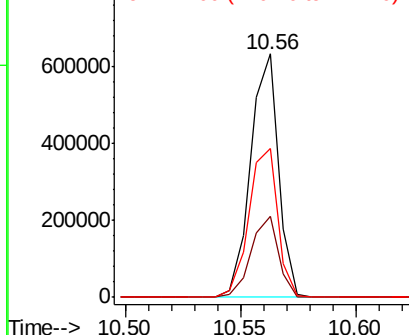


Abundance

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: 42.230 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

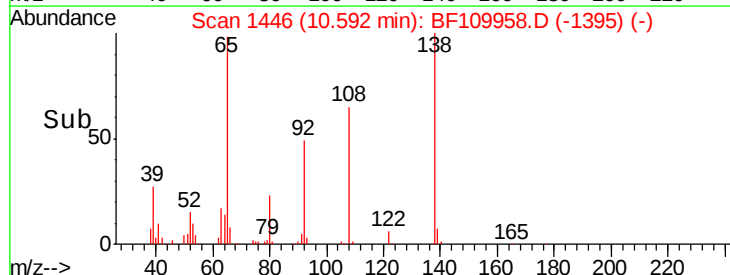
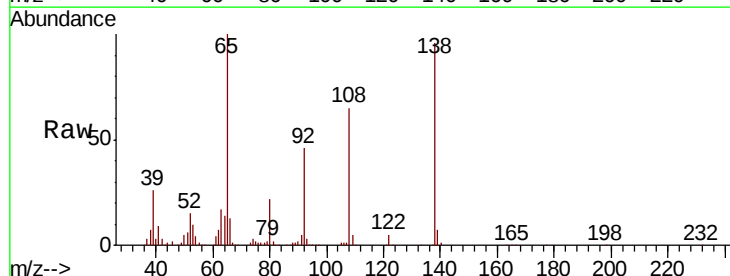
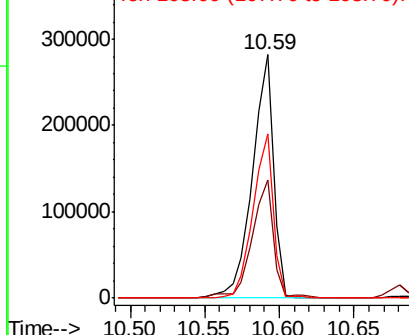
Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.6	31.7	71.7
108	67.7	59.3	99.3

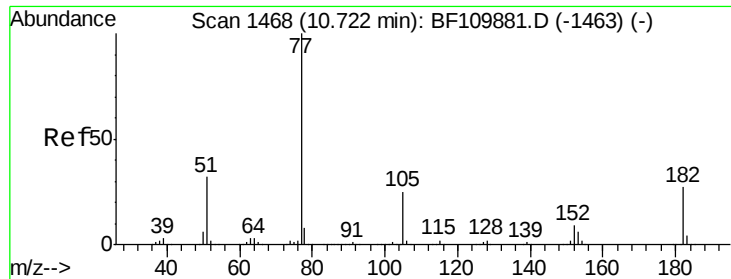
Abundance

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





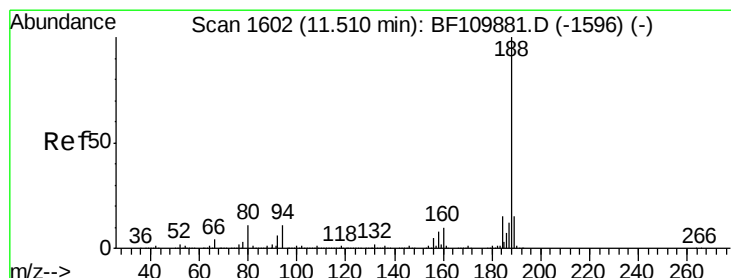
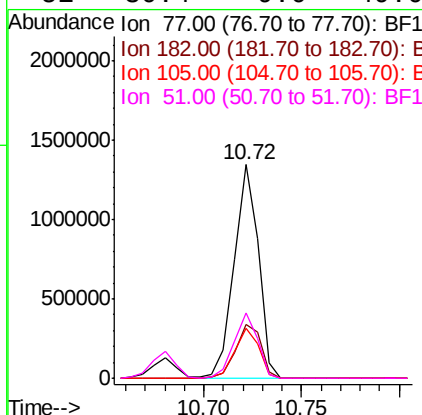
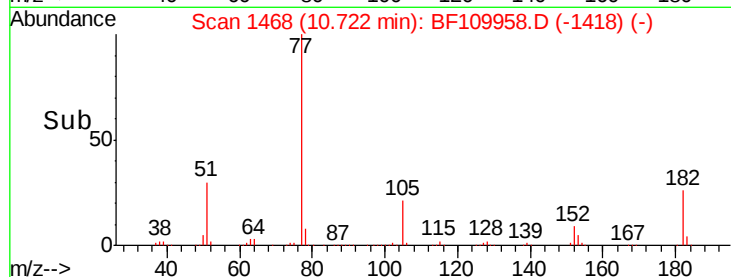
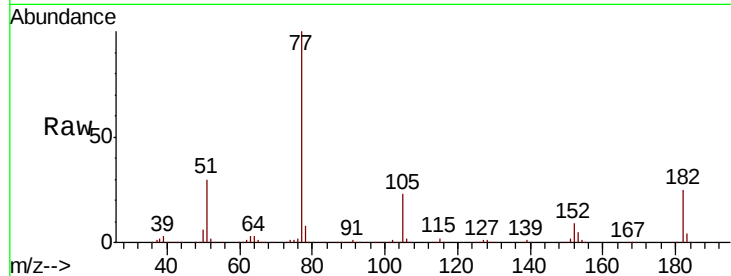
#63
Azobenzene
Concen: 37.507 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampleId :
RLF-SD-5MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.3	4.3	44.3
105	23.4	1.3	41.3
51	30.4	9.0	49.0

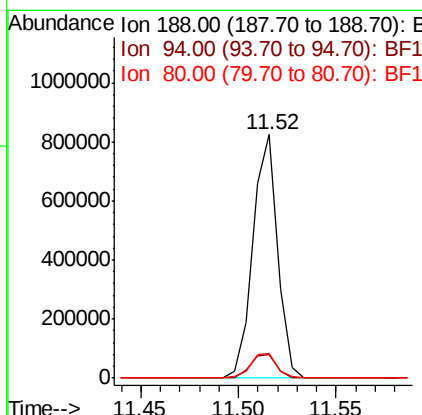
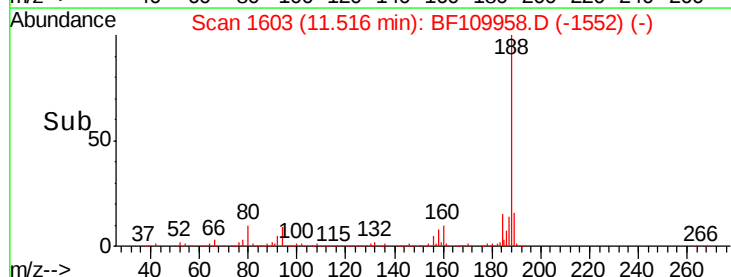
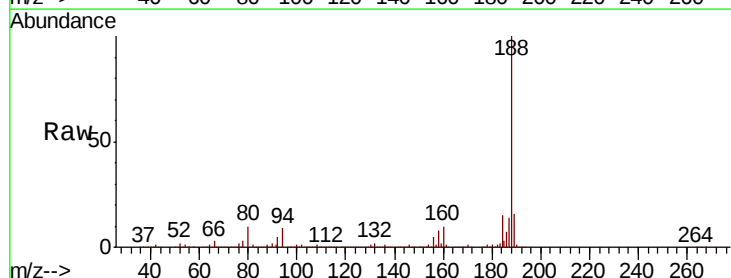
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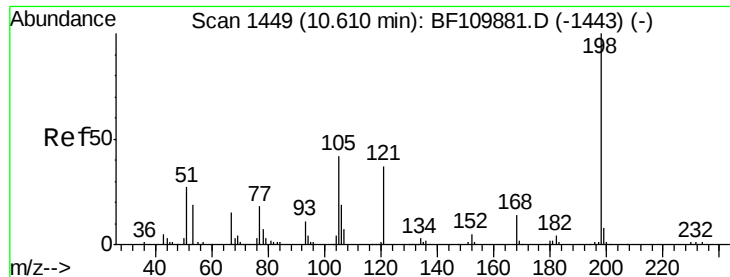
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.0	7.9	11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 47.107 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Instrument :

BNA_F

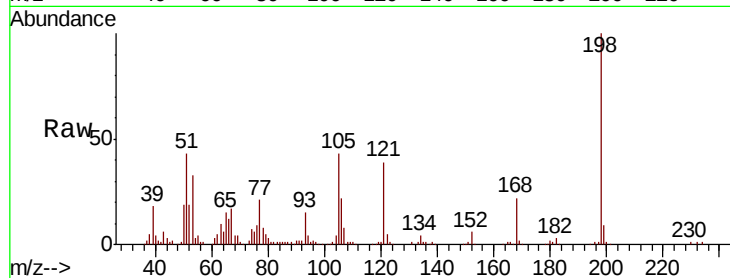
ClientSampled :

RLF-SD-5MS

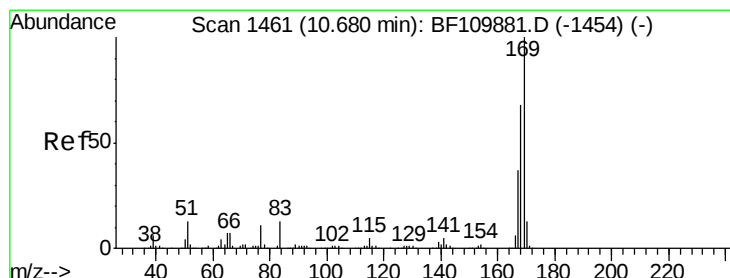
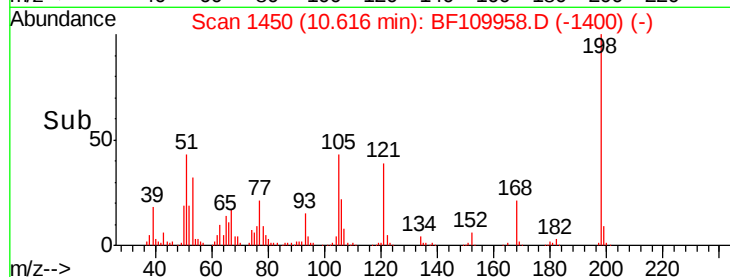
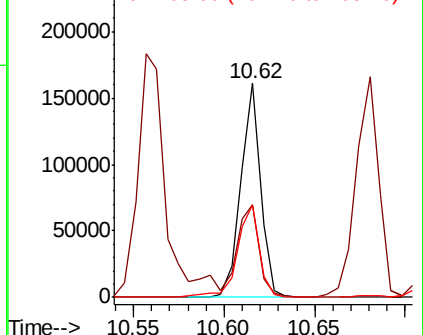
Tot Ion:	198	Resp:	122507
Ion Ratio	Lower	Upper	
198	100		
51	43.2	22.8	62.8
105	43.1	23.6	63.6

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.888 ng

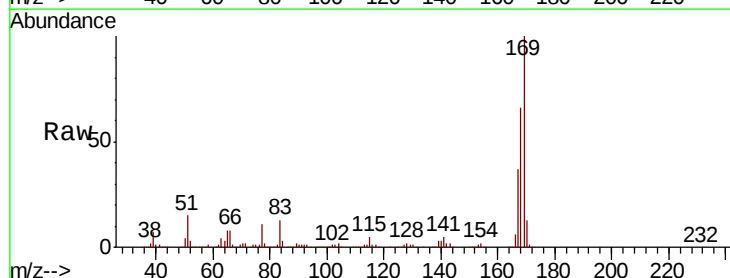
RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

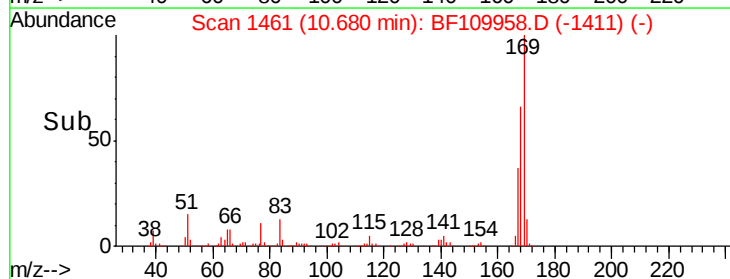
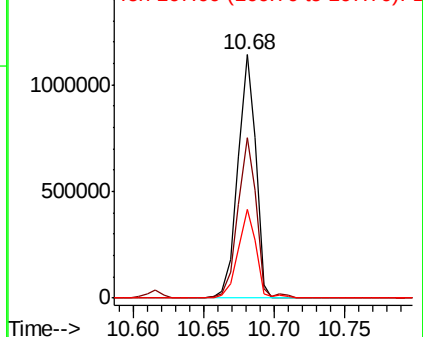
Lab File: BF109958.D

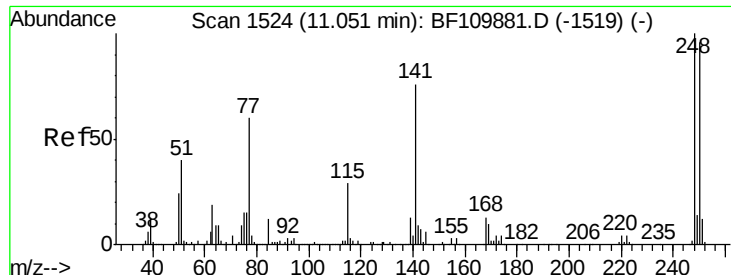
Acq: 18 Oct 2018 13:51

Tgt Ion:	169	Resp:	1005254
Ion Ratio	Lower	Upper	
169	100		
168	66.1	51.2	76.8
167	36.6	27.8	41.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





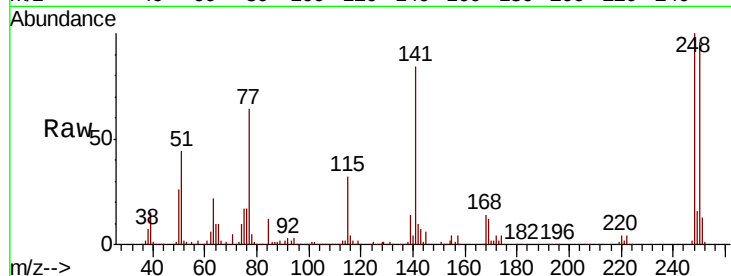
#67
 4-Bromophenyl-phenylether
 Concen: 41.941 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF109958.D
 Acq: 18 Oct 2018 13:51

Instrument :
 BNA_F
 ClientSampled :
 RLF-SD-5MS

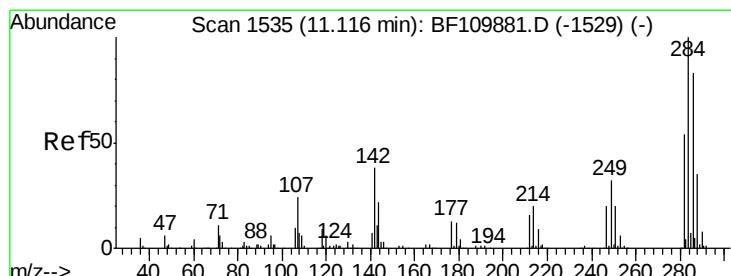
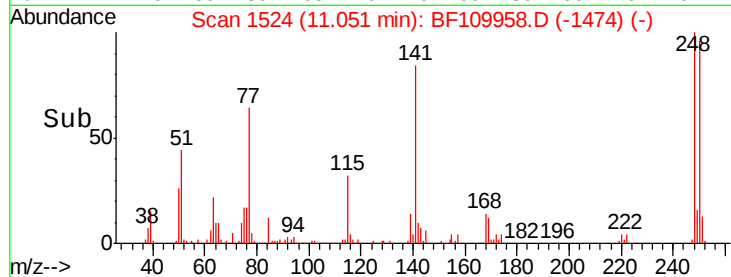
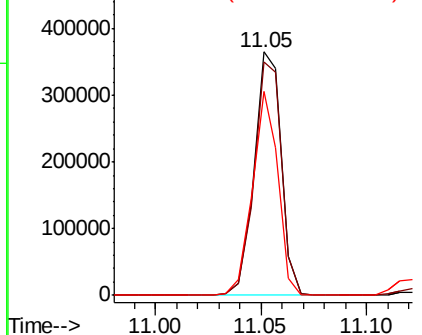
Tot Ion:	248	Resp:	327507
Ion Ratio	Lower	Upper	
248	100		
250	96.0	79.4	119.2
141	83.6	55.9	83.9

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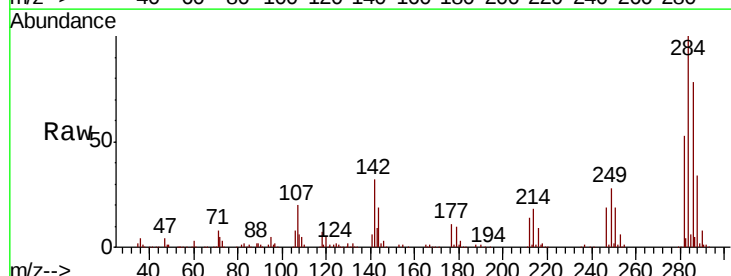


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

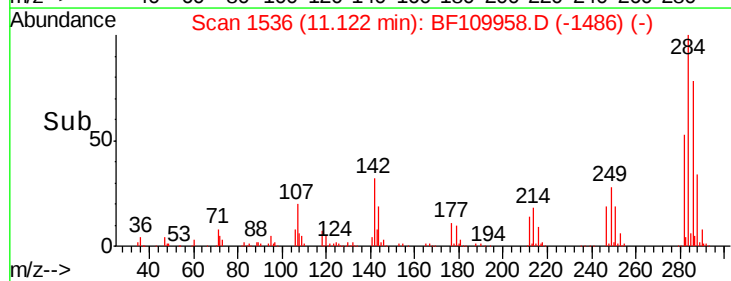
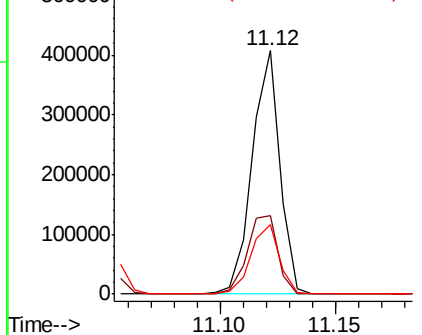


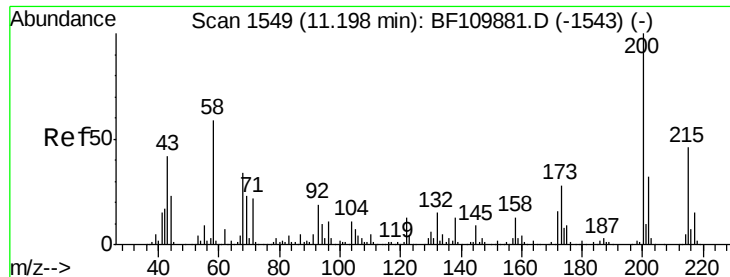
#68
 Hexachlorobenzene
 Concen: 41.001 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BF109958.D
 Acq: 18 Oct 2018 13:51

Tgt Ion:	284	Resp:	341422
Ion Ratio	Lower	Upper	
284	100		
142	32.5	23.9	35.9
249	28.5	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





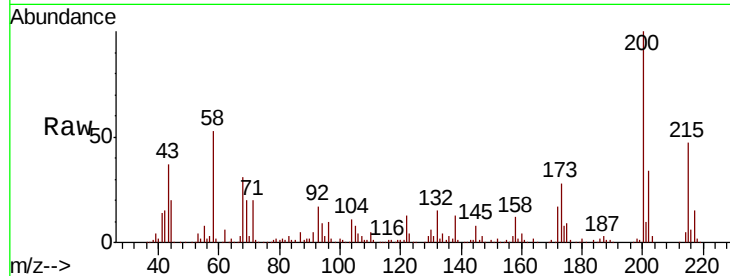
#69
 Atrazine
 Concen: 42.682 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.00 min
 Lab File: BF109958.D
 Acq: 18 Oct 2018 13:51

Instrument :
 BNA_F
 ClientSampleId :
 RLF-SD-5MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.5	6.6	46.6
215	46.7	26.3	66.3

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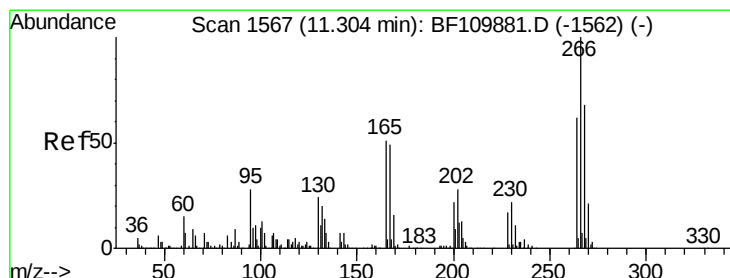
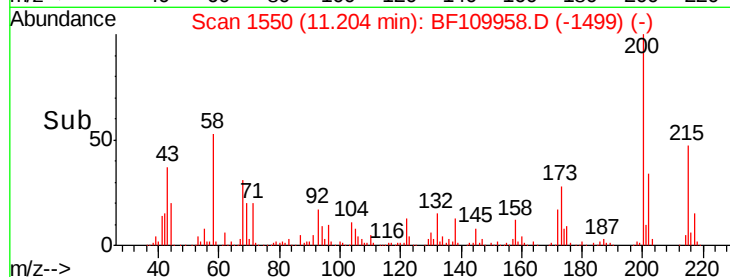
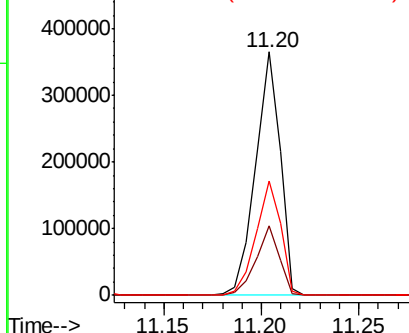


Abundance

Ion 200.00 (199.70 to 200.70): E

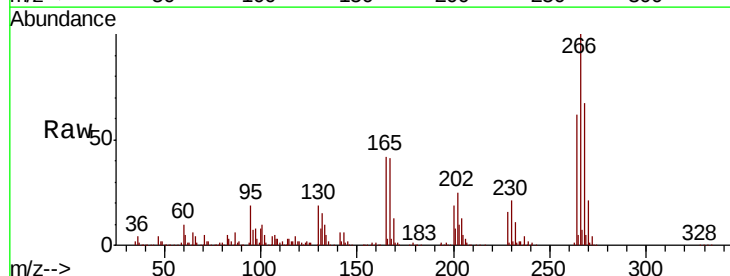
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 68.396 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF109958.D
 Acq: 18 Oct 2018 13:51

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.4	50.6	75.8
264	61.7	50.6	75.8

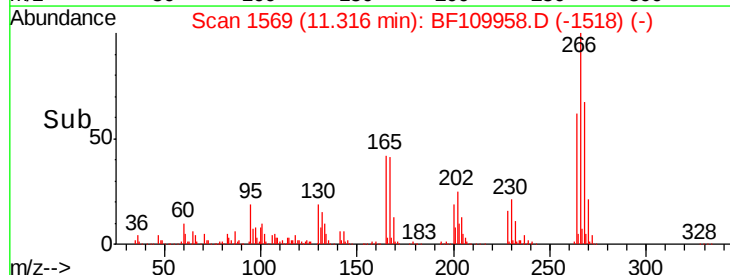
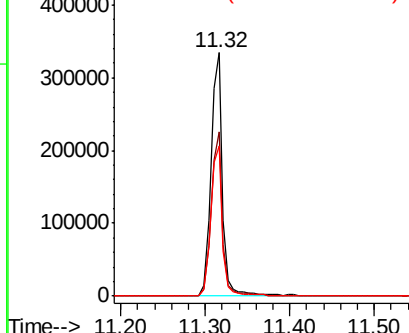


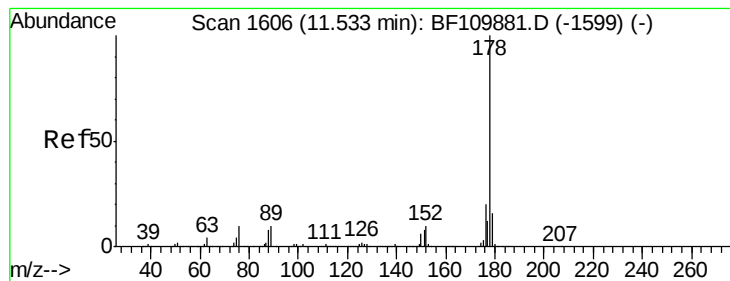
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





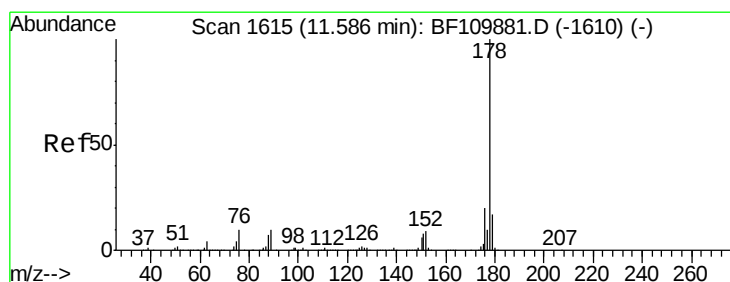
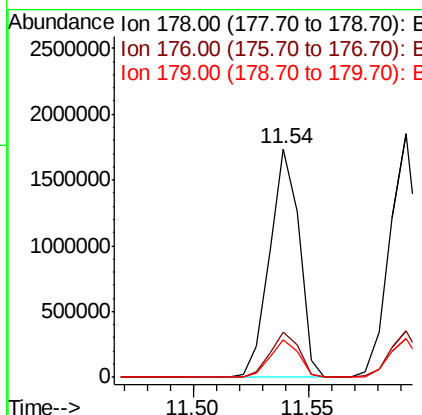
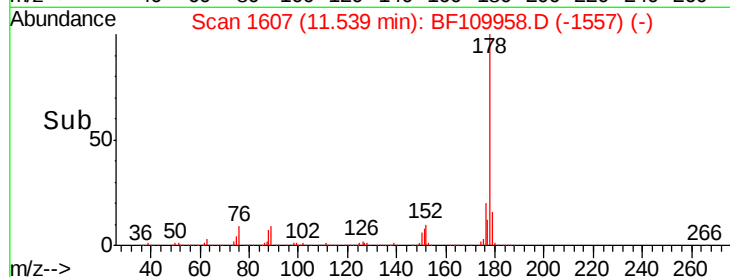
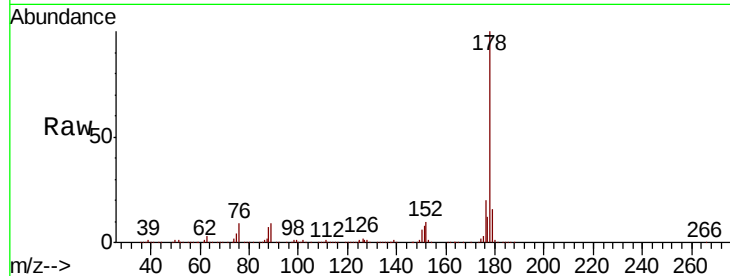
#71
Phenanthrene
Concen: 41.359 ng
RT: 11.54 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampleId :
RLF-SD-5MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	16.2	12.5	18.7

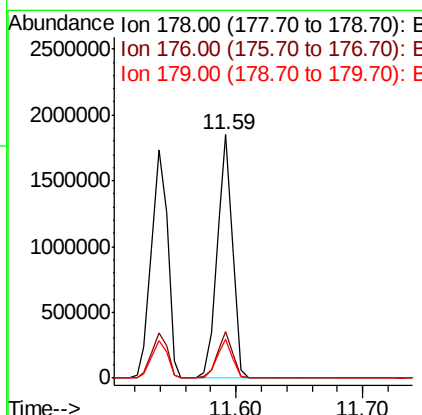
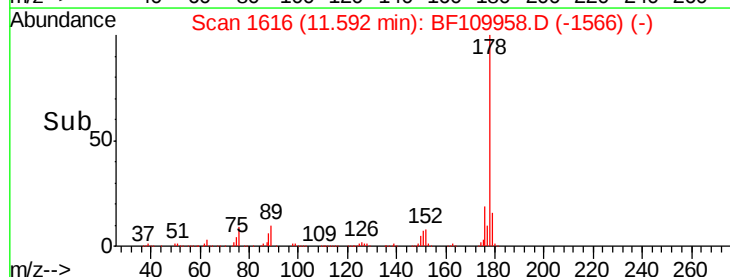
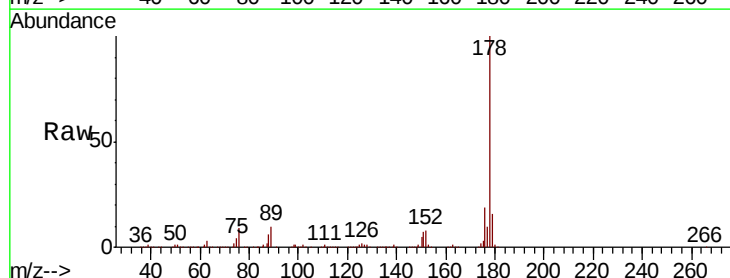
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#72
Anthracene
Concen: 42.105 ng
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	16.2	12.6	18.8





#73
 Carbazole
 Concen: 35.572 ng
 RT: 11.75 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BF109958.D
 Acq: 18 Oct 2018 13:51

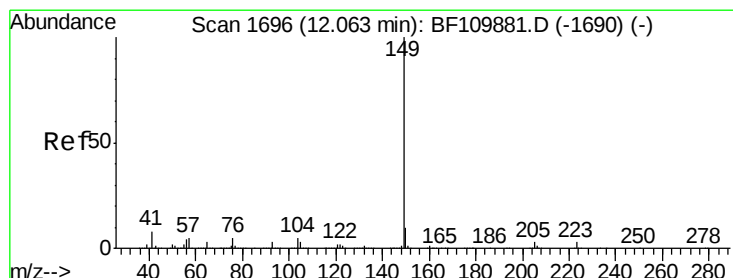
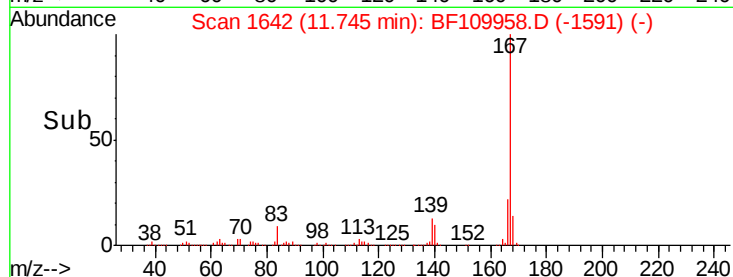
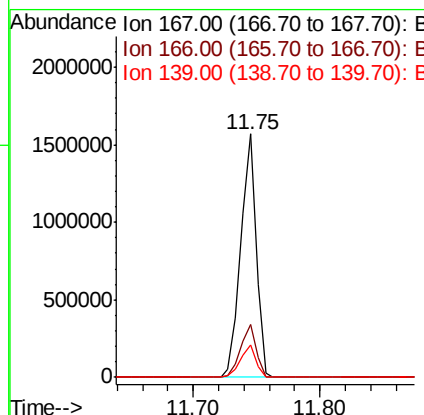
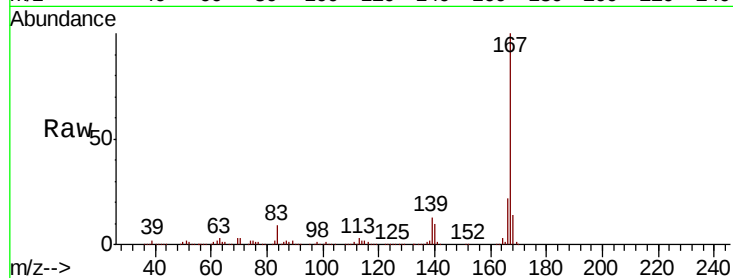
Instrument :
 BNA_F
 ClientSampleId :
 RLF-SD-5MS

Tot Ion:167 Resp: 1311083

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	13.2	10.9	16.3

Manual Integrations
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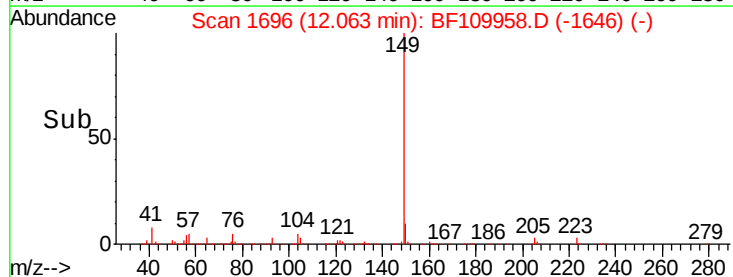
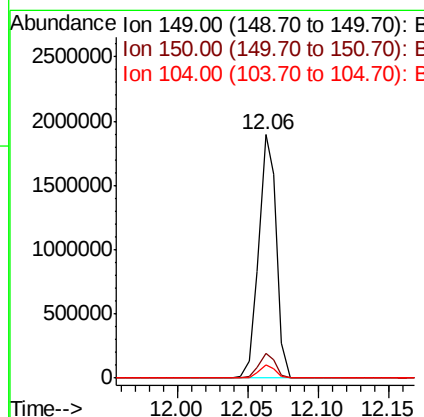
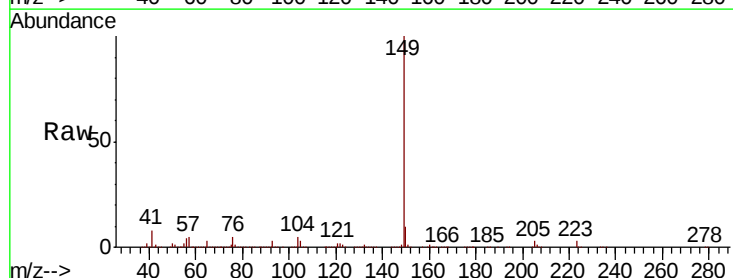
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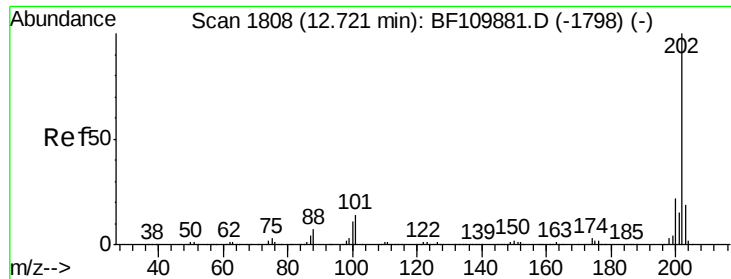


#74
 Di-n-butylphthalate
 Concen: 40.594 ng
 RT: 12.06 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BF109958.D
 Acq: 18 Oct 2018 13:51

Tgt Ion:149 Resp: 1669766

Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	5.2	4.2	6.4





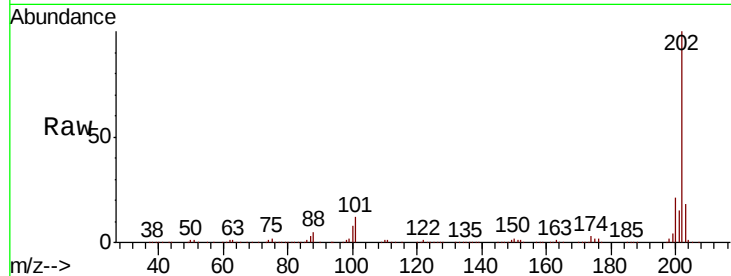
#75
 Fluoranthene
 Concen: 35.187 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: BF109958.D
 Acq: 18 Oct 2018 13:51

Instrument :
 BNA_F
 ClientSampleId :
 RLF-SD-5MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1311237		
101	11.6	0.0	31.4	
203	17.8	0.0	37.7	

Manual Integrations
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Sohil
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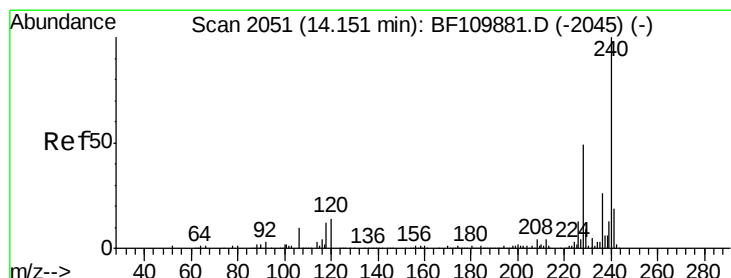
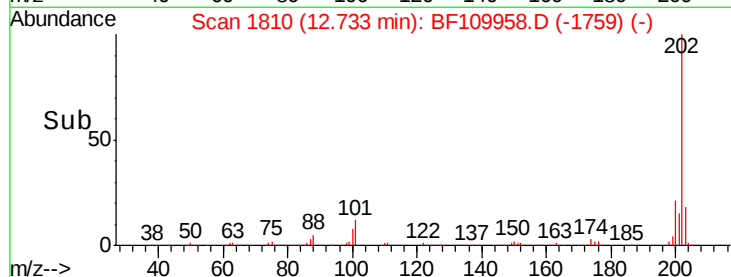
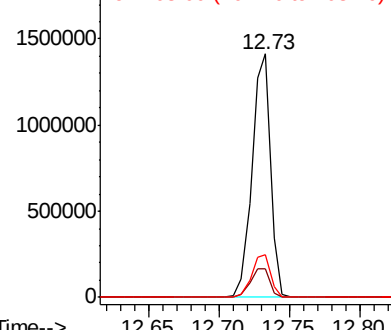


Abundance

Ion 202.00 (201.70 to 202.70): E

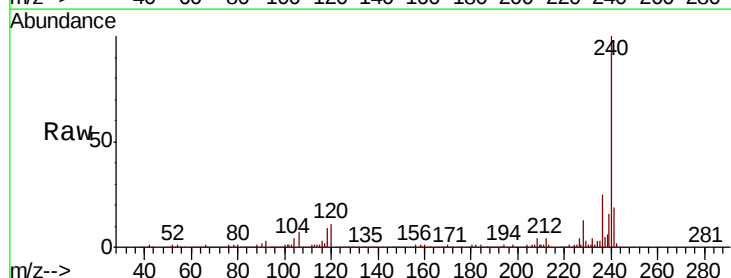
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.00 min
 Lab File: BF109958.D
 Acq: 18 Oct 2018 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	412226		
120	11.0	8.3	12.5	
236	24.8	21.2	31.8	

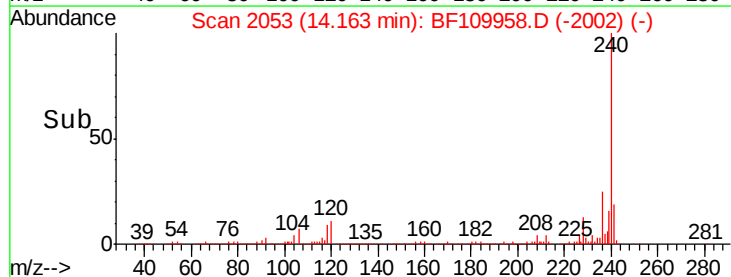
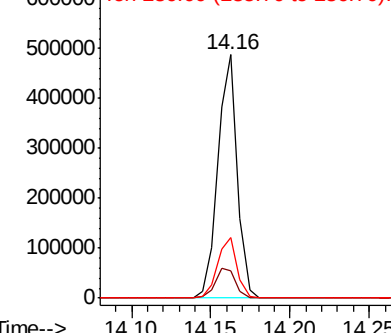


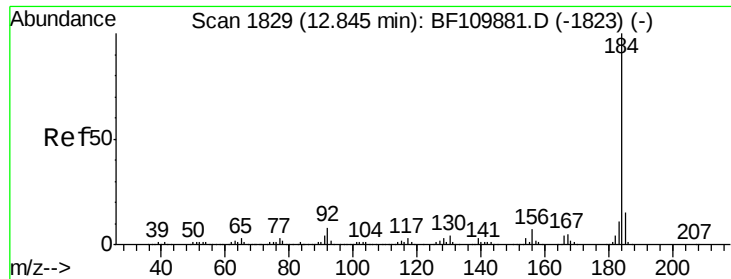
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.929 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Instrument :

BNA_F

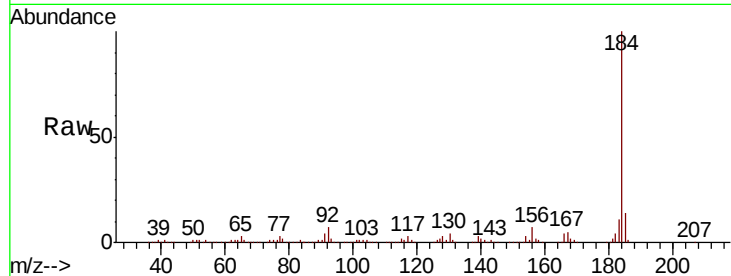
ClientSampleId :

RLF-SD-5MS

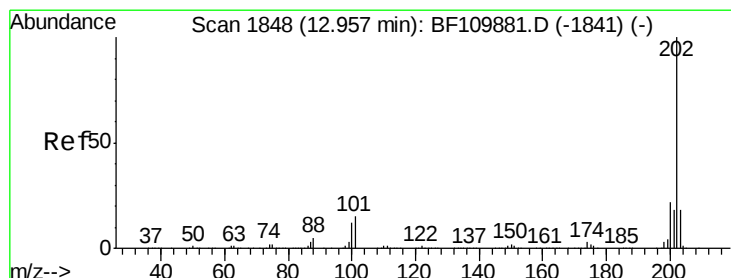
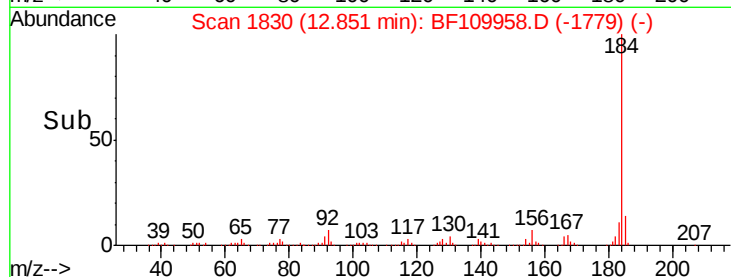
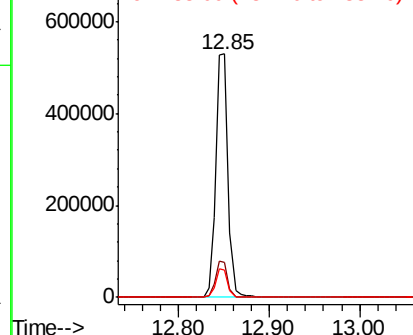
Tot Ion:	184	Resp:	504640
Ion Ratio	Lower	Upper	
184	100		
185	14.4	13.4	20.2
183	11.1	9.4	14.2

Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.706 ng

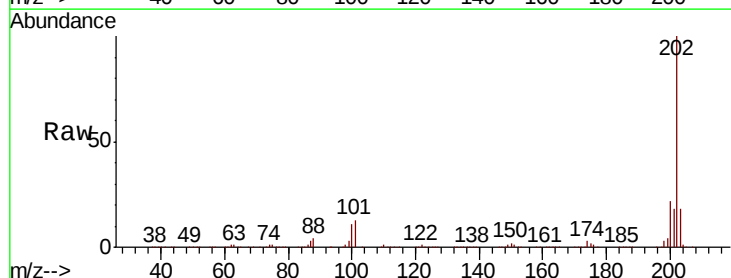
RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

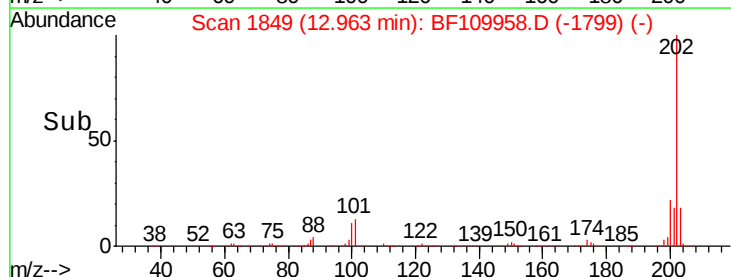
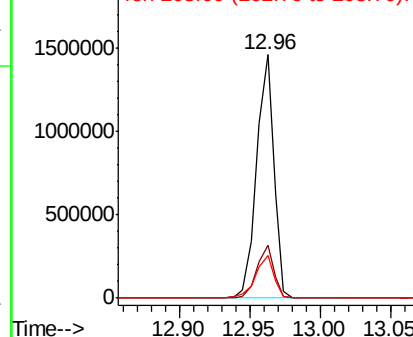
Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Tgt Ion:	202	Resp:	1262721
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.8	26.6
203	17.5	14.2	21.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 69.719 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Instrument :

BNA_F

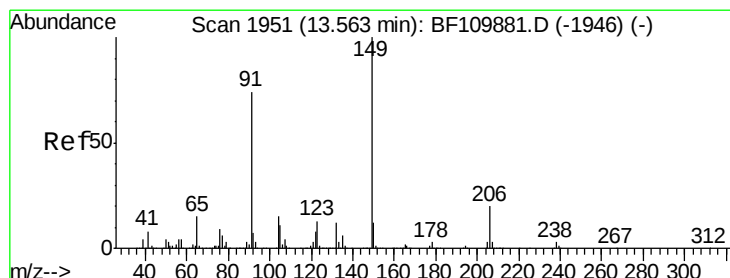
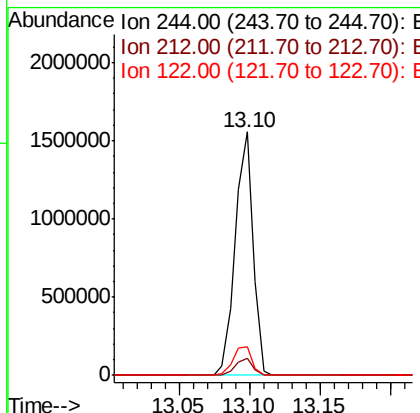
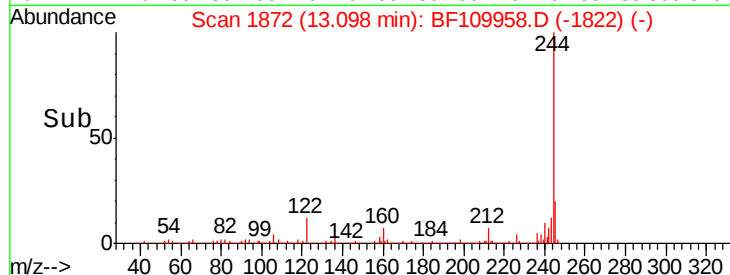
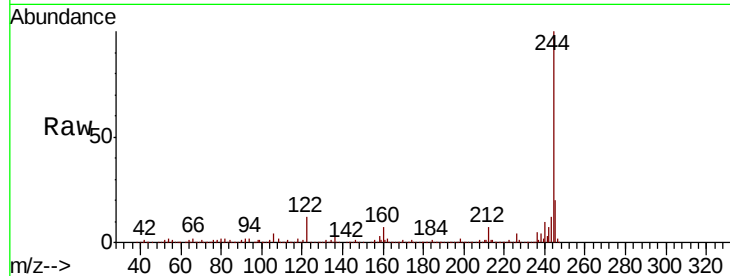
ClientSampleId :

RLF-SD-5MS

Tot Ion:	244	Resp:	1368611
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	11.6	8.7	13.1

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 44.056 ng

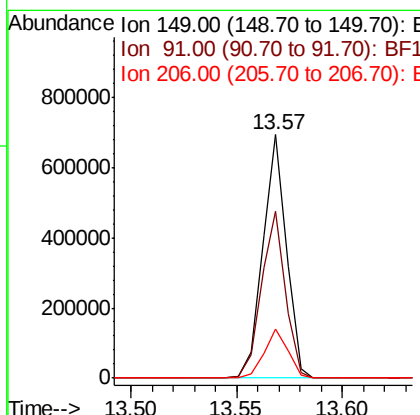
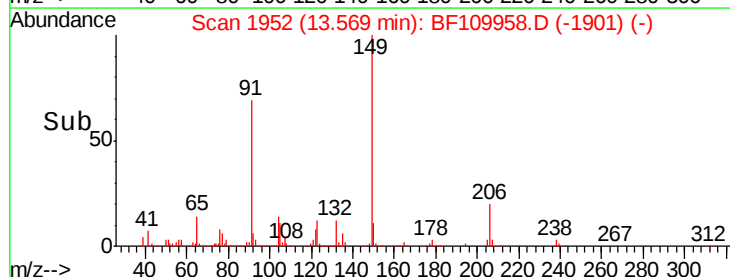
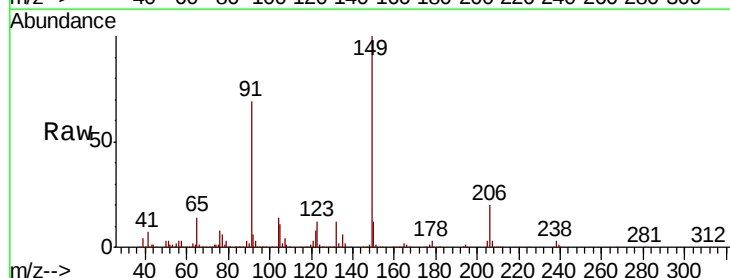
RT: 13.57 min Scan# 1952

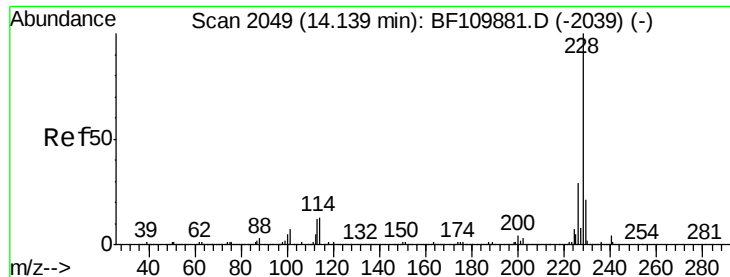
Delta R.T. -0.00 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Tgt Ion:	149	Resp:	539268
Ion	Ratio	Lower	Upper
149	100		
91	68.8	57.2	85.8
206	19.9	15.7	23.5





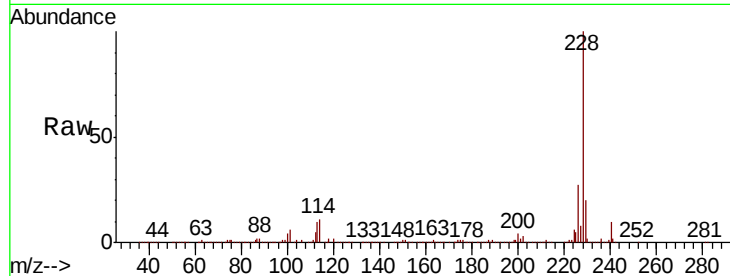
#81
Benzo(a)anthracene
Concen: 41.732 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampleId :
RLF-SD-5MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.1	33.1
229	19.7	15.6	23.4

Manual Integrations
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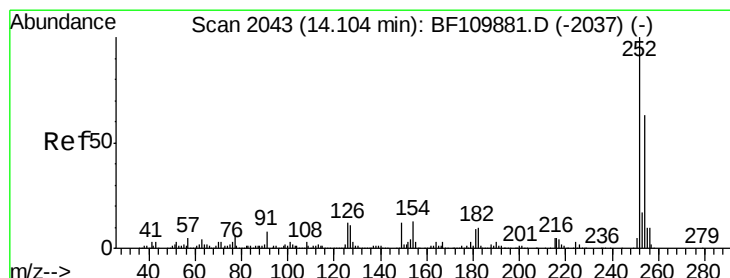
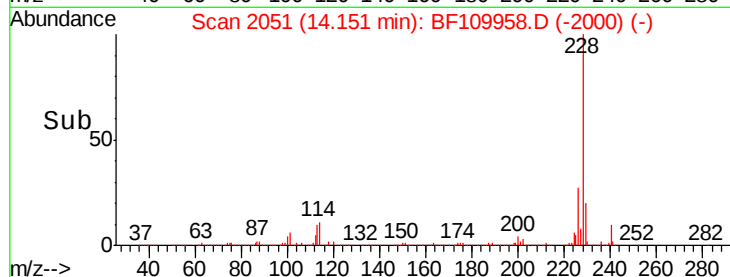
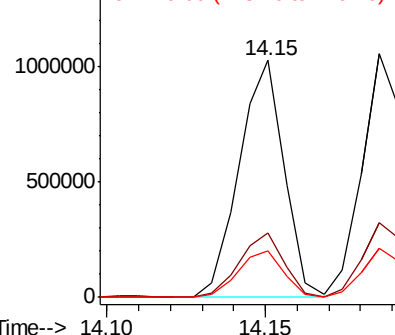


Abundance

Ion 228.00 (227.70 to 228.70): E

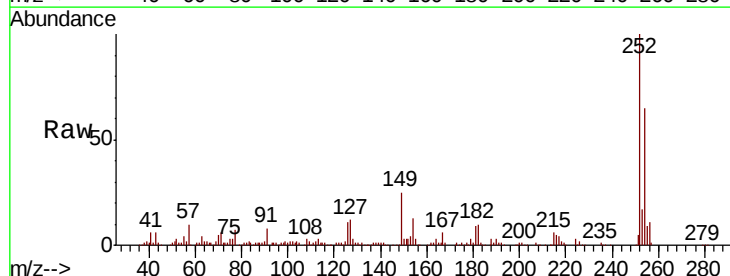
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 31.090 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.3	76.9
126	11.5	9.4	14.2

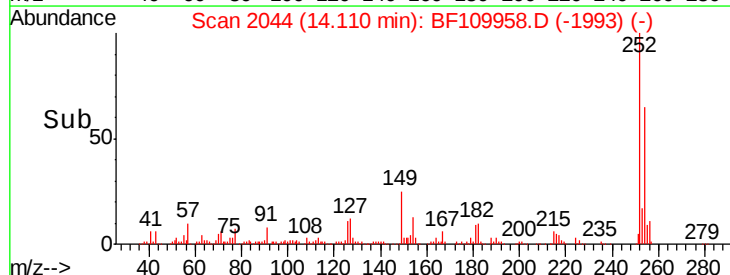
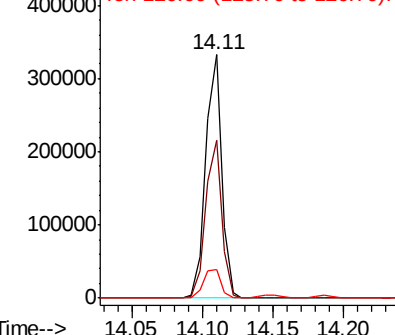


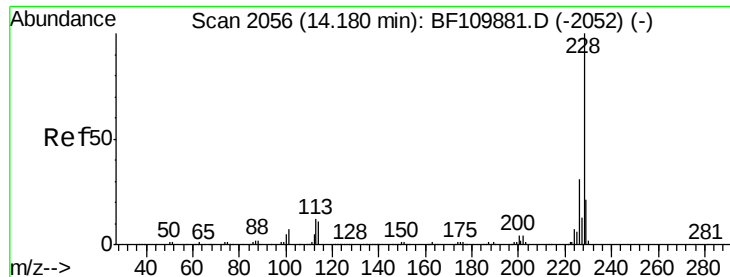
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





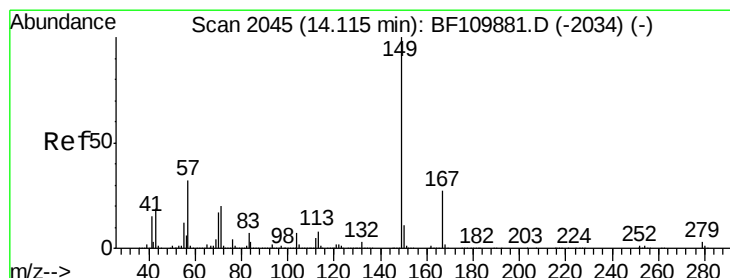
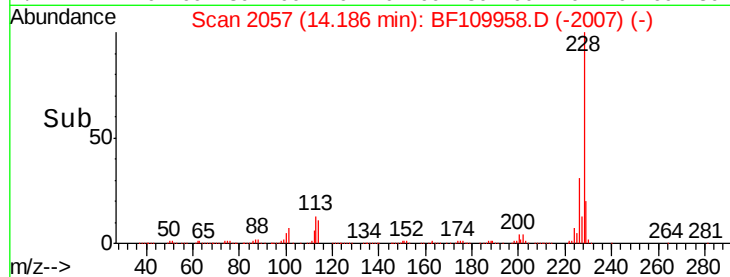
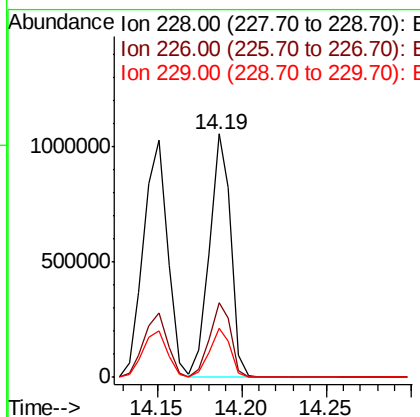
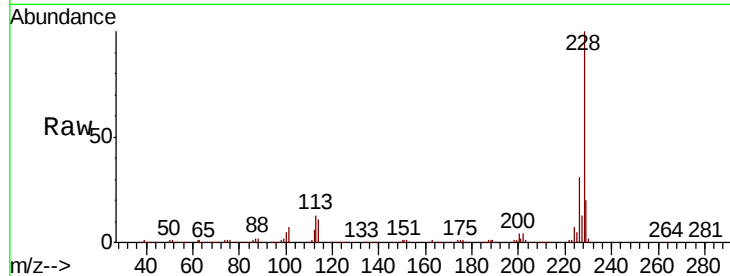
#83
Chrysene
Concen: 40.359 ng
RT: 14.19 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampleId :
RLF-SD-5MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.7	37.1
229	20.2	15.9	23.9

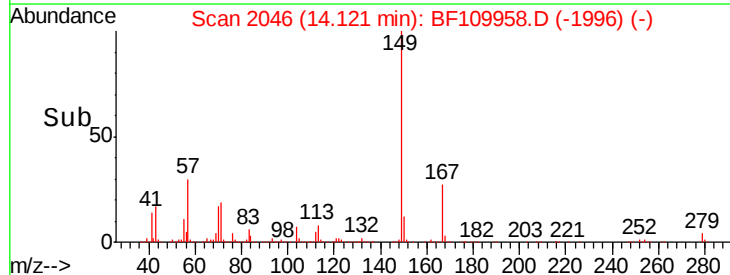
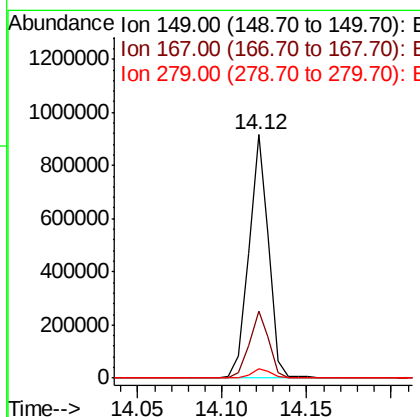
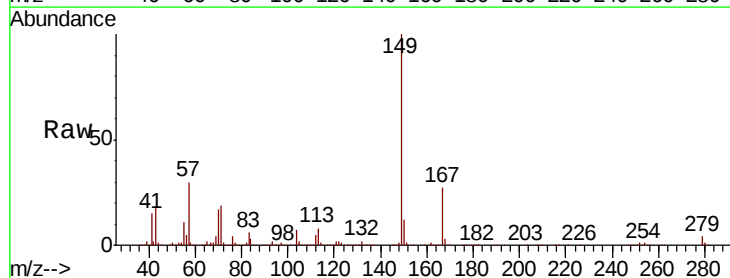
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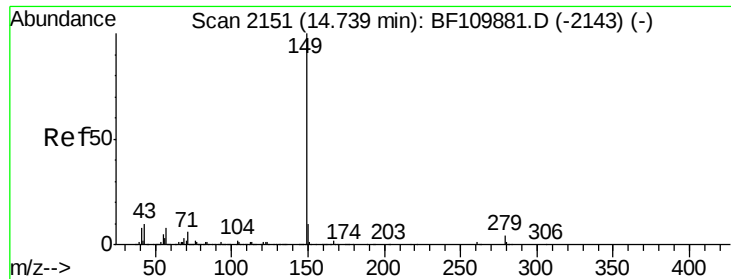
Sohil
10/19/2018 12:08:30 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.022 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	19.8	29.8
279	3.7	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 52.451 ng

RT: 14.74 min Scan# 2152

Delta R.T. -0.00 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Instrument :

BNA_F

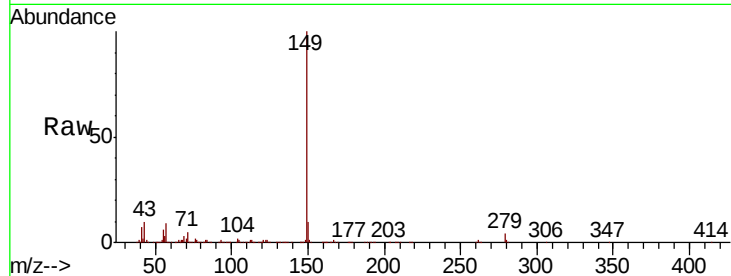
ClientSampleId :

RLF-SD-5MS

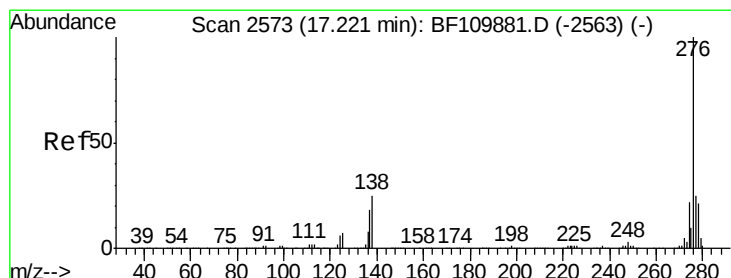
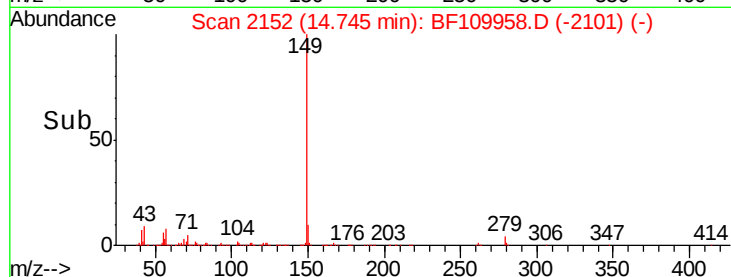
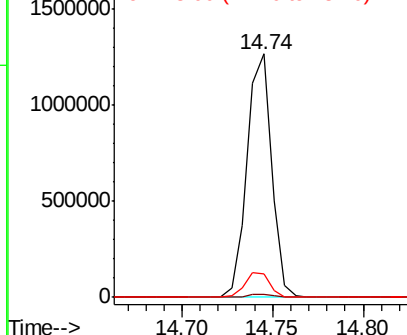
Tot Ion:	149	Resp:	1191045
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.2	7.8	11.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 64.426 ng

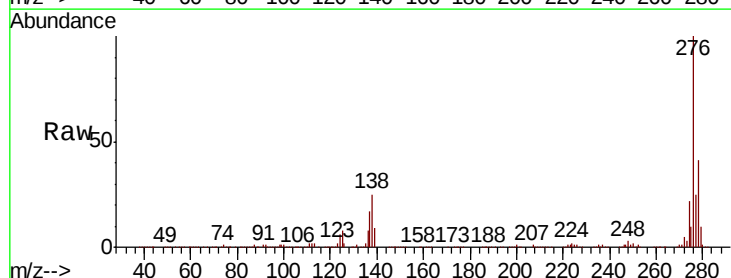
RT: 17.26 min Scan# 2580

Delta R.T. -0.00 min

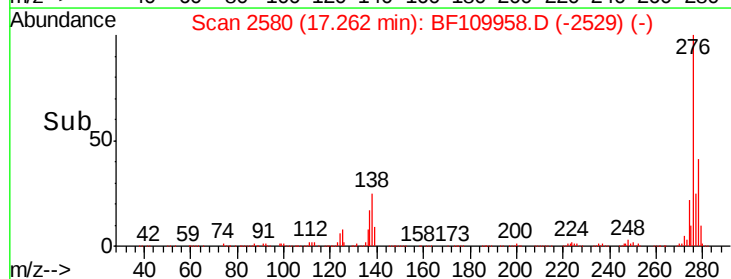
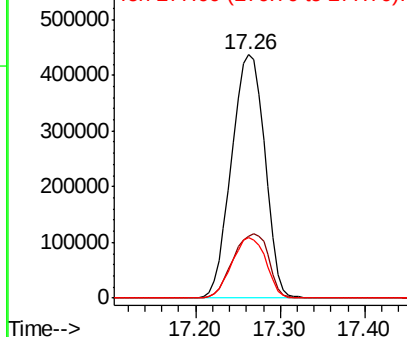
Lab File: BF109958.D

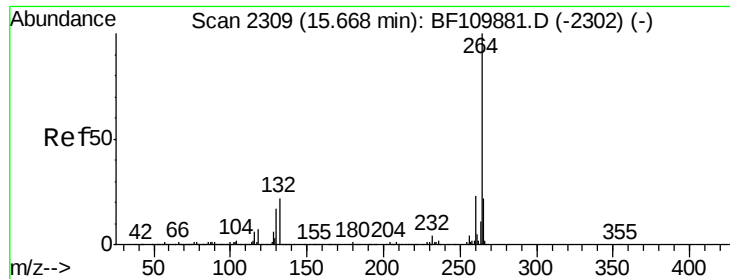
Acq: 18 Oct 2018 13:51

Tgt Ion:	276	Resp:	1198879
Ion	Ratio	Lower	Upper
276	100		
138	28.4	18.5	27.7#
277	25.3	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





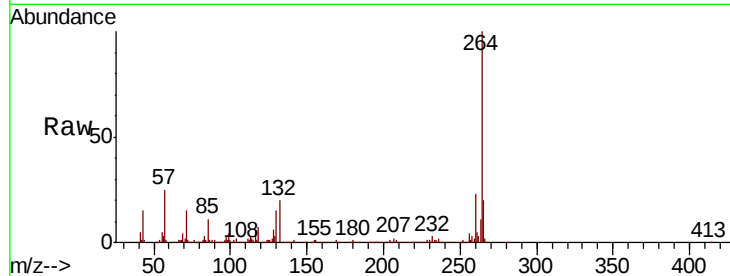
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampled :
RLF-SD-5MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	20.2	16.7	25.1

Manual Integrations
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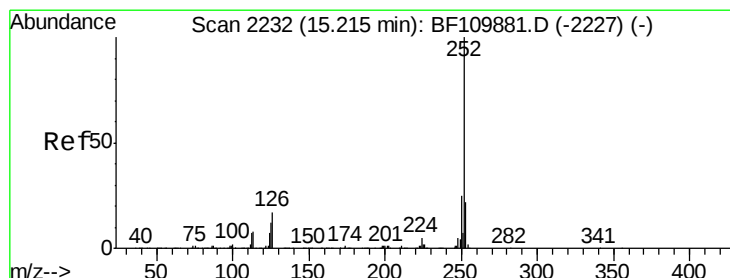
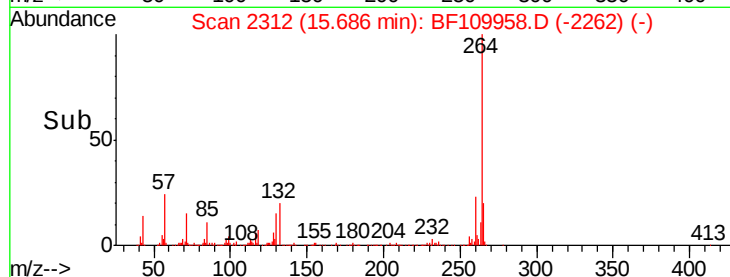
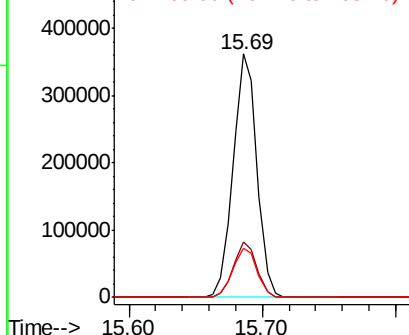


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 39.449 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

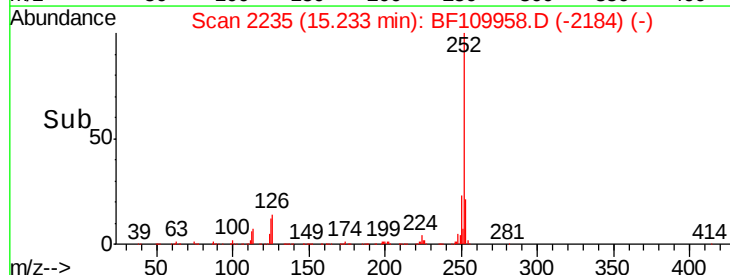
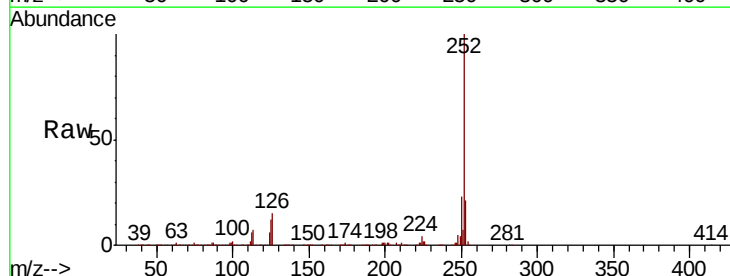
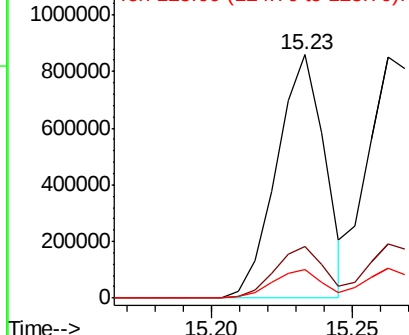
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	11.7	8.2	12.4

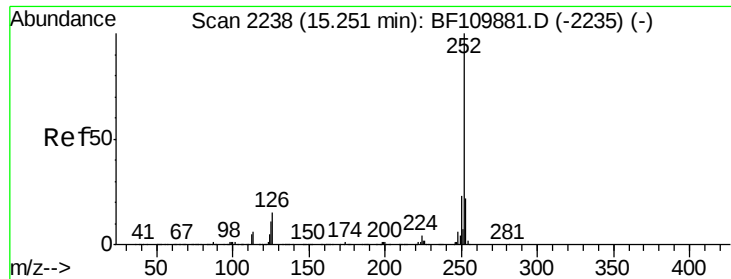
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





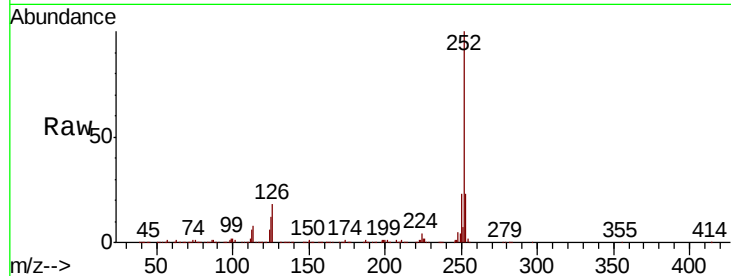
#89
Benzo(k)fluoranthene
Concen: 39.170 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampleId :
RLF-SD-5MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	997655		
253	22.5	17.2	25.8	
125	12.3	7.4	11.0	

Manual Integrations
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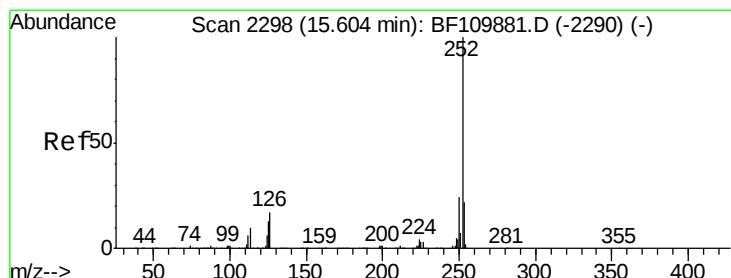
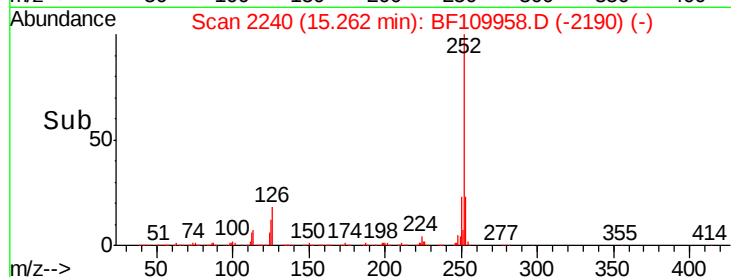
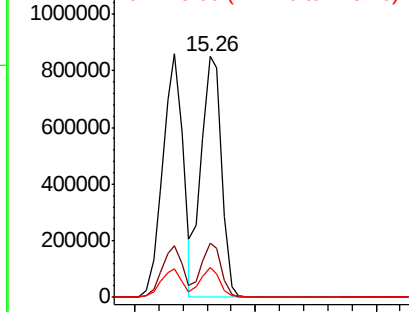


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 42.323 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

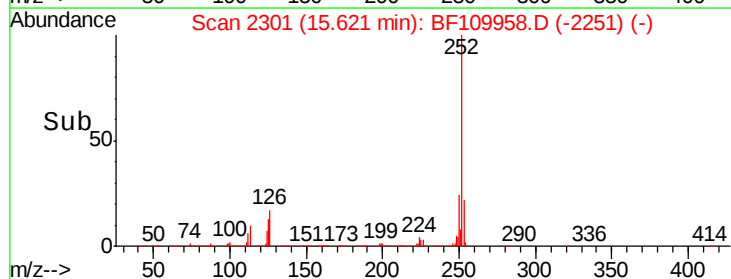
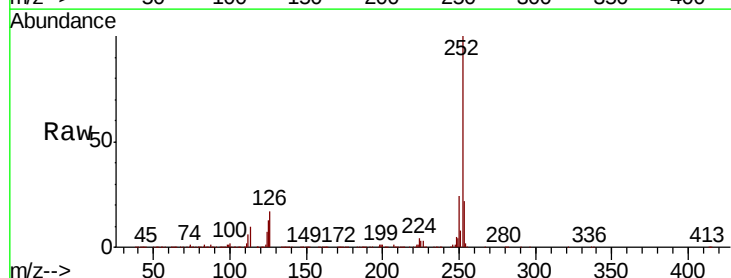
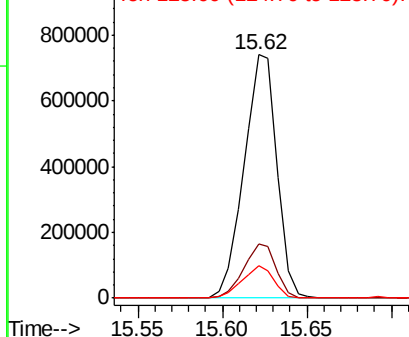
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	1005836		
253	22.2	18.2	27.4	
125	13.4	9.0	13.6	

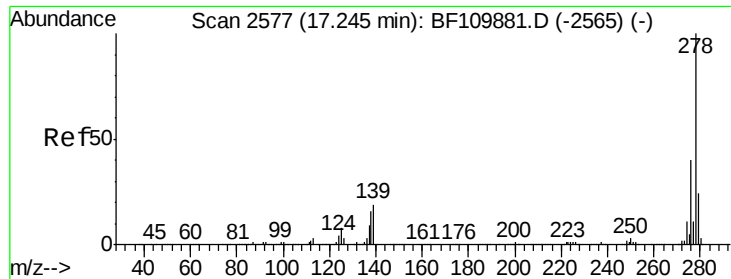
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





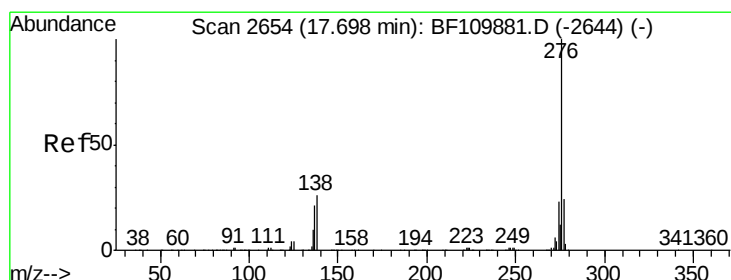
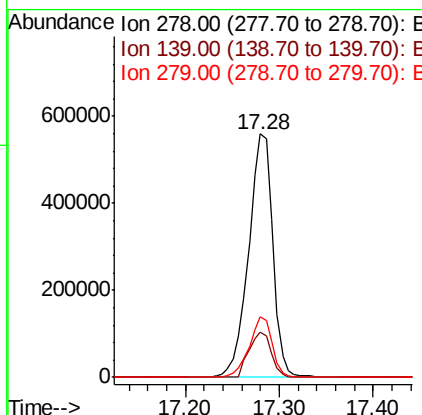
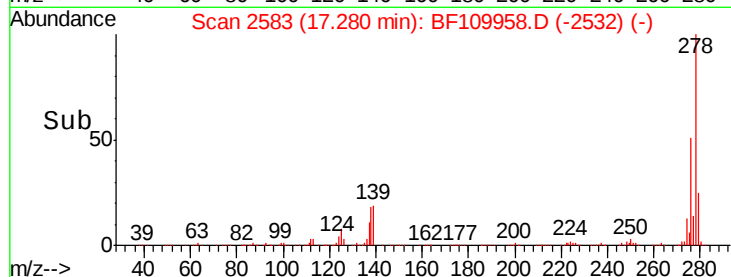
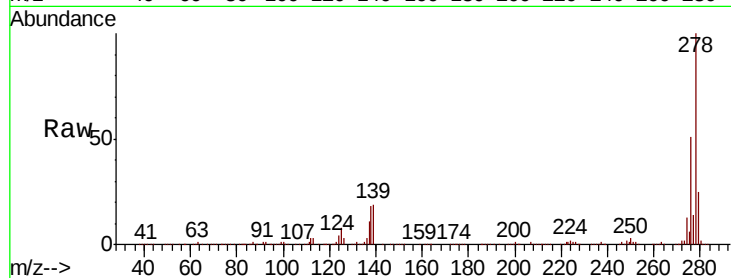
#91
Dibenzo(a,h)anthracene
Concen: 47.431 ng
RT: 17.28 min Scan# 2583
Delta R.T. -0.00 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampleId :
RLF-SD-5MS

Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	18.8	12.7	19.1	
279	24.6	19.0	28.4	

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 45.641 ng
RT: 17.74 min Scan# 2662
Delta R.T. 0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	22.7	18.8	28.2	
138	23.4	16.0	24.0	

