

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
 Data File : BF109151.D
 Acq On : 19 Sep 2018 18:42
 Operator : JU/SJ
 Sample : J4983-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-01MSD

Manual Integrations
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Sohil
 9/20/2018 10:06:48 AM

Quant Time: Sep 20 05:02:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	130371	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	461415	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	189715	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	323769	20.00	ng	0.00
75) Chrysene-d12	13.86	240	300999	20.00	ng	0.00
86) Perylene-d12	15.27	264	304873	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	695976	88.67	ng	0.02
7) Phenol-d6	6.37	99	876493	86.60	ng	0.00
23) Nitrobenzene-d5	7.28	82	562086	68.33	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	178596	86.74	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	907708	74.96	ng	0.00
78) Terphenyl-d14	12.81	244	780056	61.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	104551	27.981	ng	95
3) Pyridine	3.17	79	248998	25.138	ng	91
4) n-Nitrosodimethylamine	3.09	42	141027	37.699	ng	# 96
6) Aniline	6.38	93	246105	18.812	ng	# 63
8) 2-Chlorophenol	6.51	128	277664	31.609	ng	93
9) Benzaldehyde	6.27	77	109489	16.937	ng	99
10) Phenol	6.38	94	346885	30.459	ng	80
11) bis(2-Chloroethyl)ether	6.46	93	291803	32.568	ng	96
12) 1,3-Dichlorobenzene	6.67	146	321437	31.997	ng	99
13) 1,4-Dichlorobenzene	6.74	146	327295	32.476	ng	99
14) 1,2-Dichlorobenzene	6.90	146	304787	32.621	ng	99
15) Benzyl Alcohol	6.87	79	249683	32.494	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.01	45	394991	30.769	ng	94
17) 2-Methylphenol	6.98	107	222195	31.004	ng	95
18) Hexachloroethane	7.24	117	102517	28.008	ng	98
19) n-Nitroso-di-n-propylamine	7.14	70	207464	31.010	ng	95
20) 3+4-Methylphenols	7.14	107	263843	30.568	ng	# 71
22) Acetophenone	7.13	105	389684	37.188	ng	# 94
24) Nitrobenzene	7.30	77	298610	35.206	ng	96
25) Isophorone	7.54	82	539170	38.127	ng	96
26) 2-Nitrophenol	7.62	139	62108	15.682	ng	99
27) 2,4-Dimethylphenol	7.67	122	230285	37.068	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	348307	36.601	ng	99
29) 2,4-Dichlorophenol	7.87	162	205336	31.016	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	243275	33.995	ng	98
31) Naphthalene	8.02	128	783990	36.608	ng	99
32) Benzoic acid	7.80	122	11843m	2.917	ng	
33) 4-Chloroaniline	8.07	127	194778	20.455	ng	99
34) Hexachlorobutadiene	8.15	225	146019	33.422	ng	99
35) Caprolactam	8.44	113	53635m	24.850	ng	
36) 4-Chloro-3-methylphenol	8.56	107	205455	29.481	ng	99
37) 2-Methylnaphthalene	8.72	142	503070	36.036	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	221707	37.130	ng	97
40) Hexachlorocyclopentadiene	8.88	237	55907	18.583	ng	95

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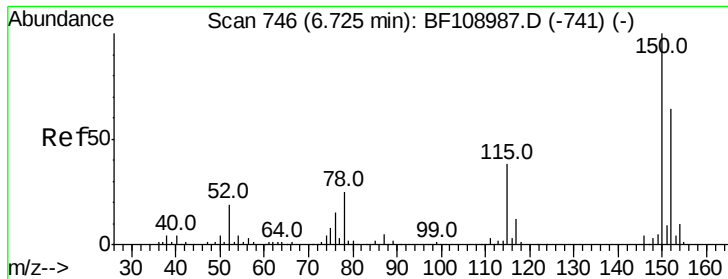
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	132531	33.022	nq	100
43) 2,4,5-Trichlorophenol	9.04	196	140370	33.468	nq	97
45) 1,1'-Biphenyl	9.18	154	572574	37.724	nq	99
46) 2-Chloronaphthalene	9.20	162	433341	35.650	nq	99
47) 2-Nitroaniline	9.30	65	132029	35.331	nq	97
48) Acenaphthylene	9.62	152	682211	37.224	nq	99
49) Dimethylphthalate	9.48	163	636588	46.947	nq	100
50) 2,6-Dinitrotoluene	9.54	165	80692	26.834	nq	96
51) Acenaphthene	9.79	154	386161	33.838	nq	99
52) 3-Nitroaniline	9.70	138	126556	35.741	nq	95
53) 2,4-Dinitrophenol	9.81	184	3098	2.673	nq #	27
54) Dibenzofuran	9.96	168	570147	34.573	nq	100
55) 4-Nitrophenol	9.87	139	113740	43.598	nq	95
56) 2,4-Dinitrotoluene	9.94	165	98412	25.024	nq #	98
57) Fluorene	10.30	166	411008	37.399	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	109268	31.464	nq	88
59) Diethylphthalate	10.18	149	487520	35.604	nq	98
60) 4-Chlorophenyl-phenylether	10.30	204	204033	34.672	nq	93
61) 4-Nitroaniline	10.31	138	116005	34.483	nq	96
62) Azobenzene	10.45	77	449202	32.048	nq	95
64) 4,6-Dinitro-2-methylphenol	10.34	198	4295	2.773	nq	99
65) n-Nitrosodiphenylamine	10.41	169	390580	36.880	nq	96
66) 4-Bromophenyl-phenylether	10.78	248	129841	35.572	nq #	83
67) Hexachlorobenzene	10.85	284	132237	33.870	nq	94
68) Atrazine	10.94	200	120019	35.401	nq	96
69) Pentachlorophenol	11.04	266	108994	43.634	nq	99
70) Phenanthrene	11.25	178	592547	37.335	nq	99
71) Anthracene	11.31	178	607184	37.740	nq	99
72) Carbazole	11.46	167	550274	34.551	nq	99
73) Di-n-butylphthalate	11.80	149	672562	36.076	nq	99
74) Fluoranthene	12.44	202	653270	38.989	nq	97
76) Benzidine	12.55	184	131336	12.326	nq	97
77) Pyrene	12.67	202	664163	29.706	nq	99
79) Butylbenzylphthalate	13.29	149	301368	30.179	nq	99
80) Benzo(a)anthracene	13.85	228	631469	34.651	nq	99
81) 3,3'-Dichlorobenzidine	13.81	252	191097	25.986	nq #	98
82) Chrysene	13.88	228	627057	34.392	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	395813	32.736	nq	99
84) Di-n-octyl phthalate	14.46	149	768063	37.455	nq	98
85) Indeno(1,2,3-cd)pyrene	16.62	276	493635	33.865	nq #	93
87) Benzo(b)fluoranthene	14.87	252	603917	35.806	nq	98
88) Benzo(k)fluoranthene	14.89	252	597503m	37.929	nq	
89) Benzo(a)pyrene	15.21	252	543234	36.268	nq	98
90) Dibenzo(a,h)anthracene	16.64	278	418695	33.272	nq #	95
91) Benzo(g,h,i)perylene	17.02	276	388769	30.901	nq #	92

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



#1

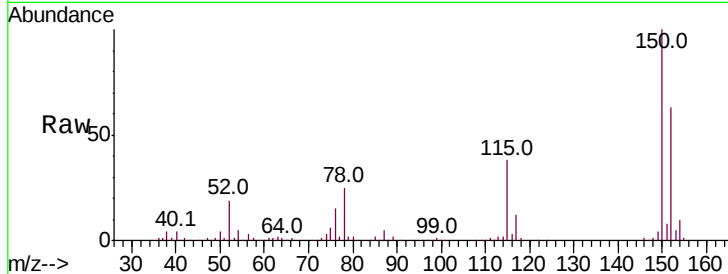
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Instrument :
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SAMPLE-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	60.7	50.1	75.1

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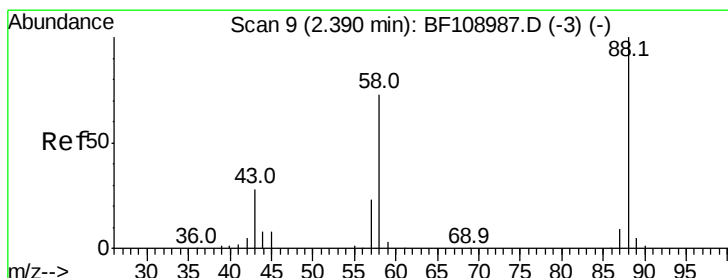
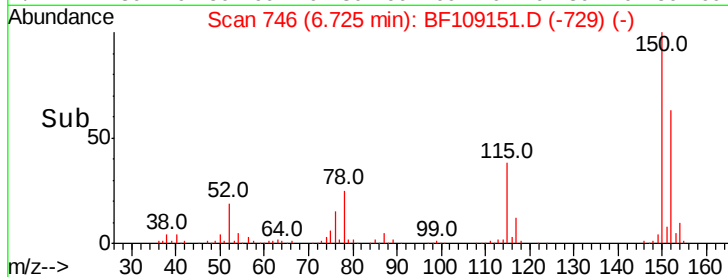
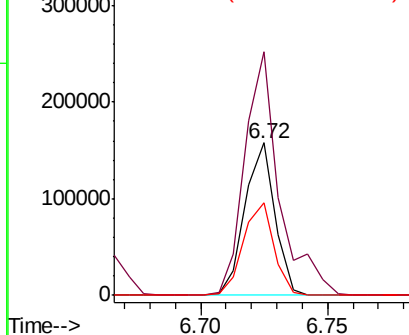


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

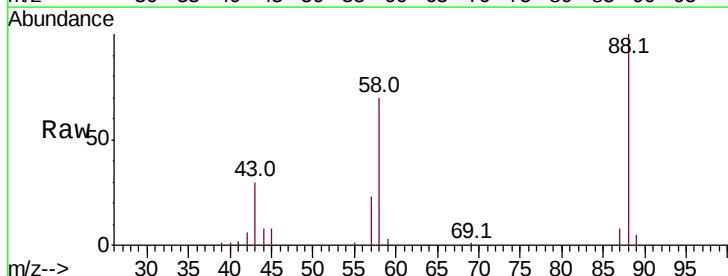
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 27.981 ng
RT: 2.45 min Scan# 20
Delta R.T. 0.06 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.1	62.6	93.8
43	30.2	24.6	37.0

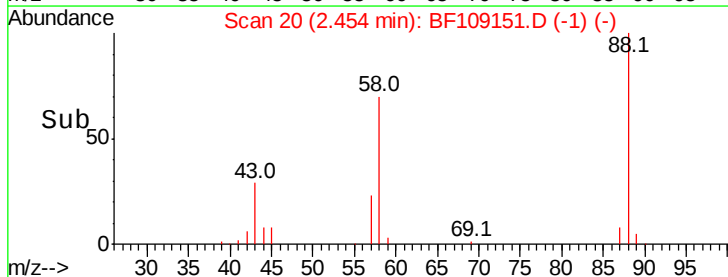
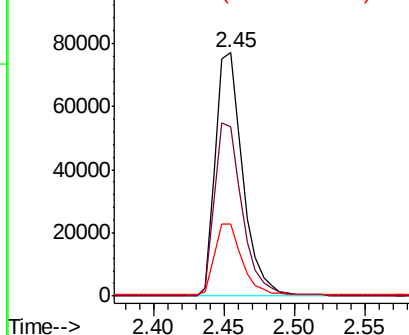


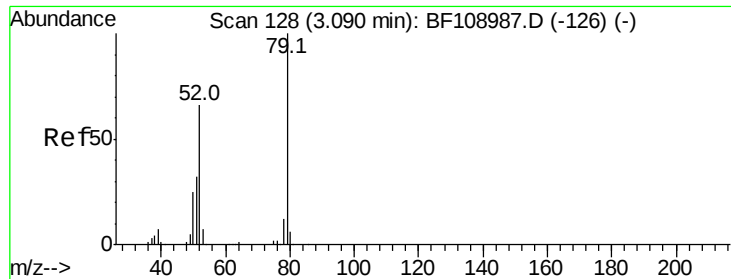
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 25.138 ng

RT: 3.17 min Scan# 141

Delta R.T. 0.08 min

Lab File: BF109151.D

Acq: 19 Sep 2018 18:42

Instrument :

BNA_F

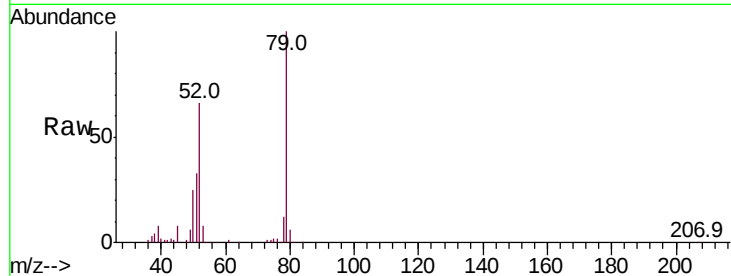
ClientSampleId :

SAMPLE-01MSD

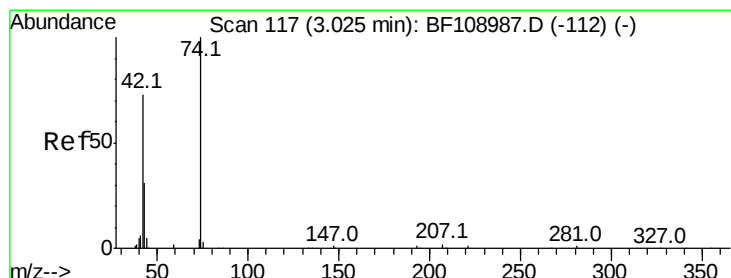
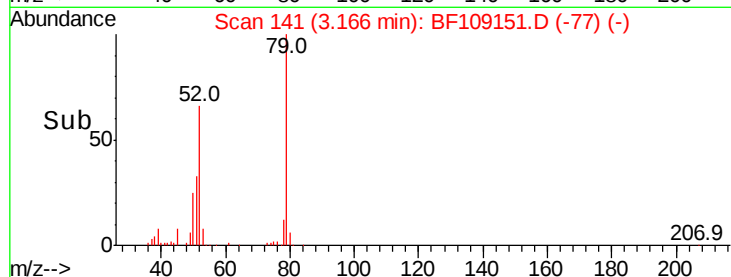
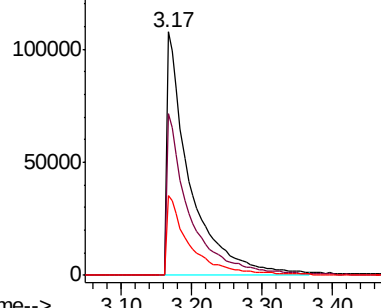
Tot Ion:	79	Resp:	248998
Ion Ratio	Lower	Upper	
79	100		
52	66.5	59.8	89.6
51	32.9	29.8	44.8

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



#4

n-Nitrosodimethylamine

Concen: 37.699 ng

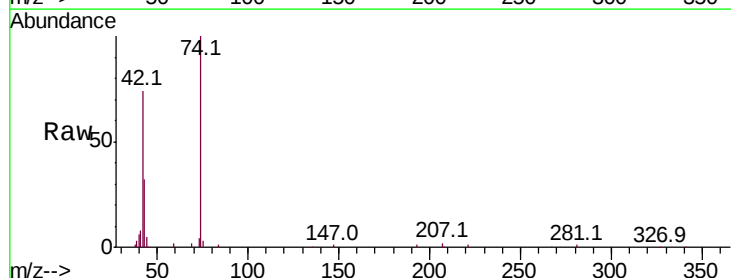
RT: 3.09 min Scan# 128

Delta R.T. 0.06 min

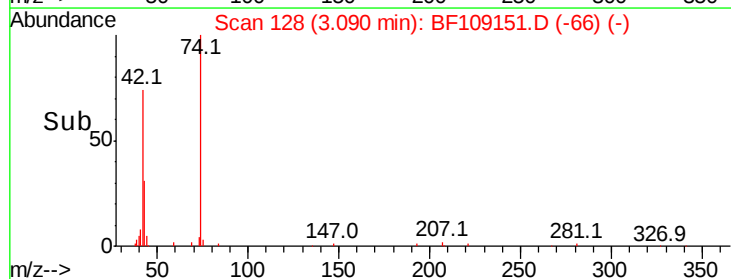
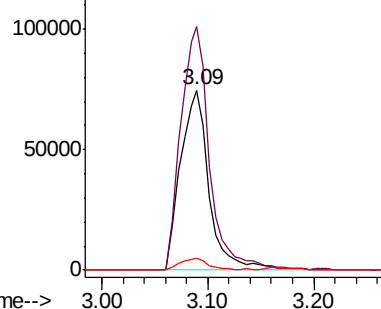
Lab File: BF109151.D

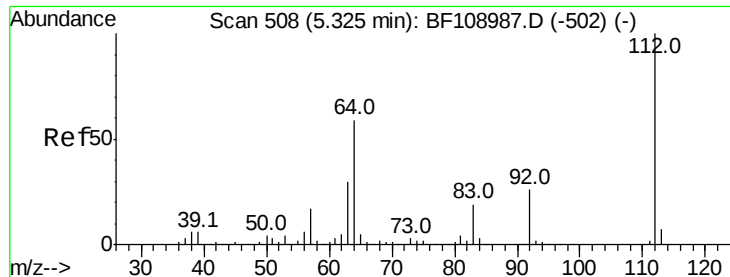
Acq: 19 Sep 2018 18:42

Tgt Ion:	42	Resp:	141027
Ion Ratio	Lower	Upper	
42	100		
74	135.1	104.9	157.3
44	6.7	6.9	10.3#



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





#5

2-Fluorophenol

Concen: 88.665 ng

RT: 5.34 min Scan# 511

Delta R.T. 0.02 min

Lab File: BF109151.D

Acq: 19 Sep 2018 18:42

Instrument :

BNA_F

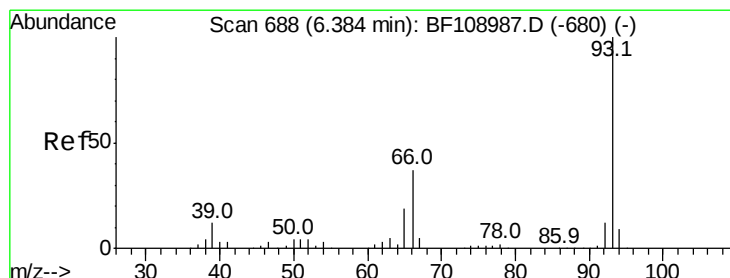
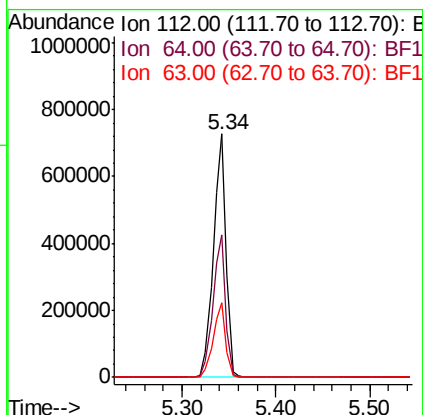
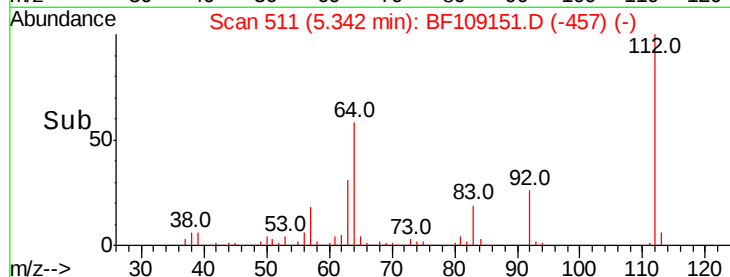
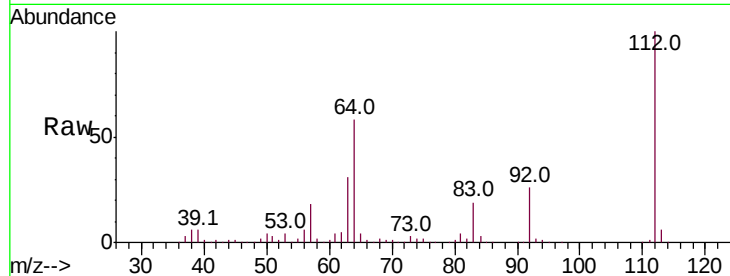
ClientSampleId :

SAMPLE-01MSD

Tot Ion:	112	Resp:	695976
Ion Ratio	Lower	Upper	
112	100		
64	58.4	47.9	71.9
63	30.8	23.7	35.5

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#6

Aniline

Concen: 18.812 ng

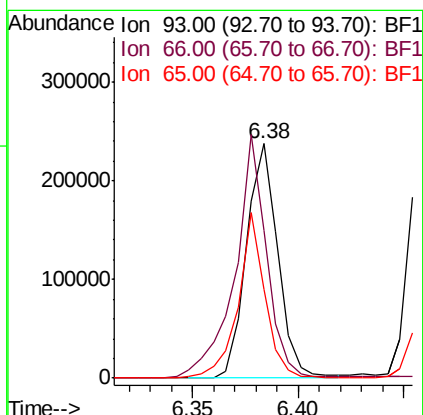
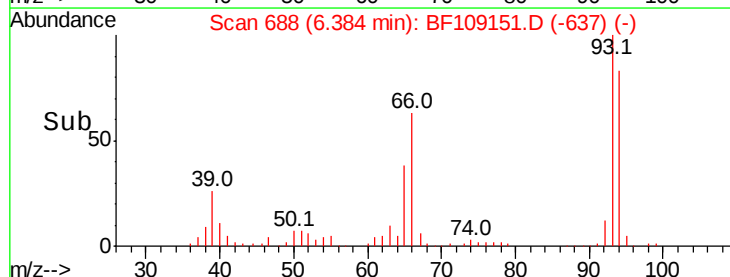
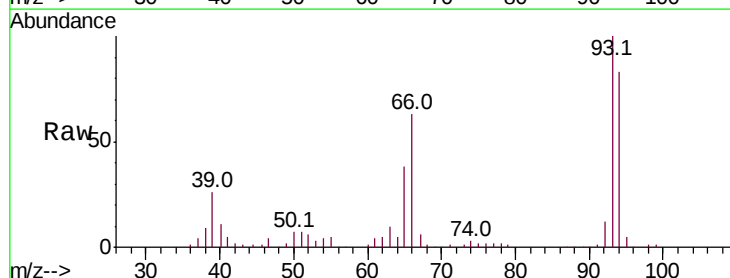
RT: 6.38 min Scan# 688

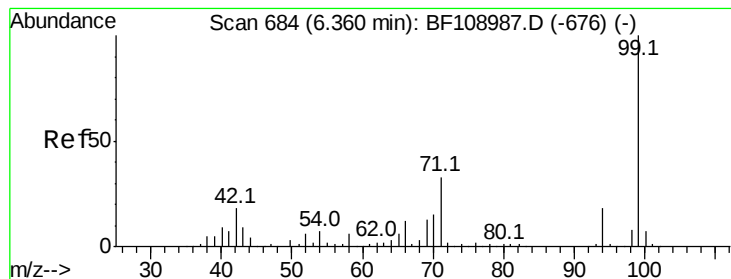
Delta R.T. -0.00 min

Lab File: BF109151.D

Acq: 19 Sep 2018 18:42

Tgt Ion:	93	Resp:	246105
Ion Ratio	Lower	Upper	
93	100		
66	63.0	32.2	48.2#
65	37.9	16.4	24.6#





#7

Phenol-d6

Concen: 86.597 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF109151.D

Acq: 19 Sep 2018 18:42

Instrument :

BNA_F

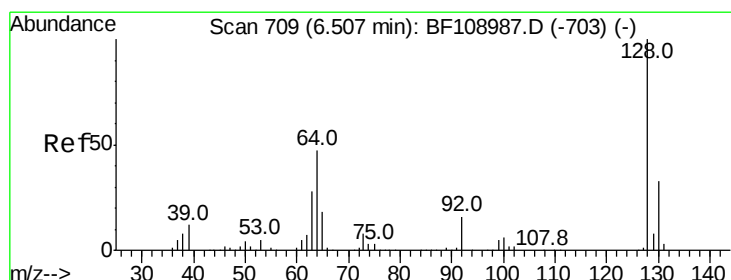
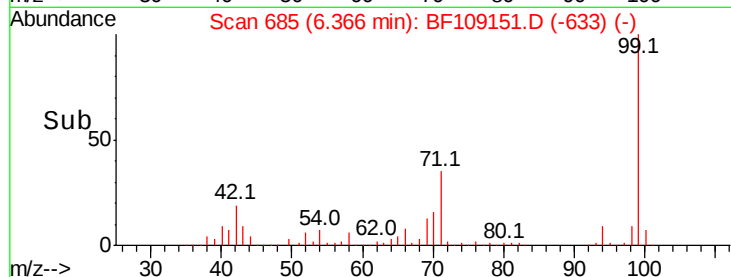
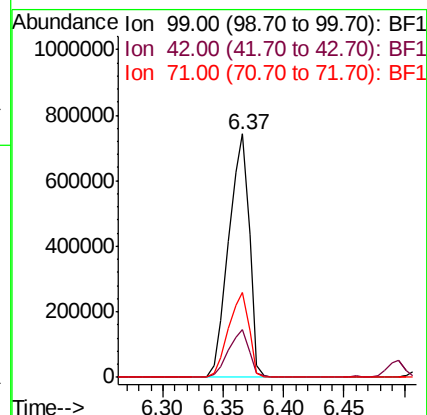
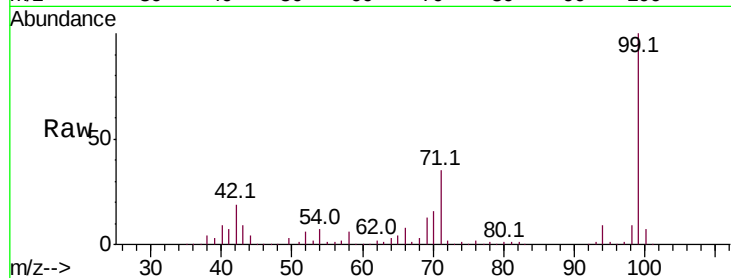
ClientSampleId :

SAMPLE-01MSD

Tot Ion:	99	Resp:	876493
Ion Ratio	Lower	Upper	
99	100		
42	19.4	14.5	21.7
71	34.8	25.4	38.0

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#8

2-Chlorophenol

Concen: 31.609 ng

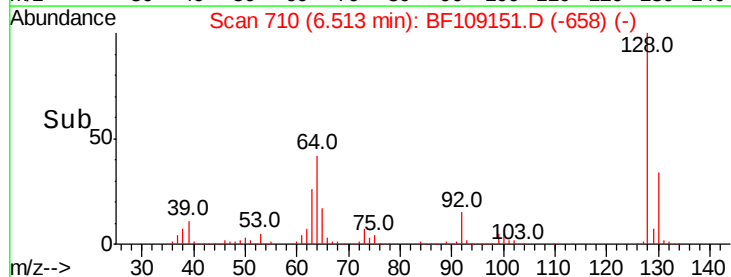
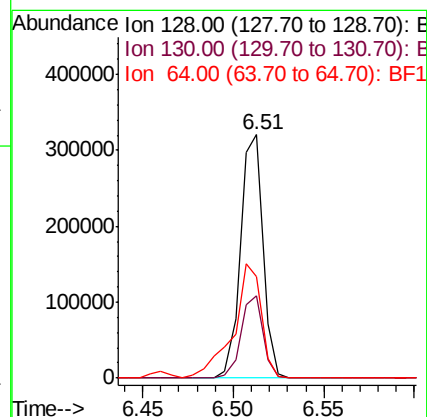
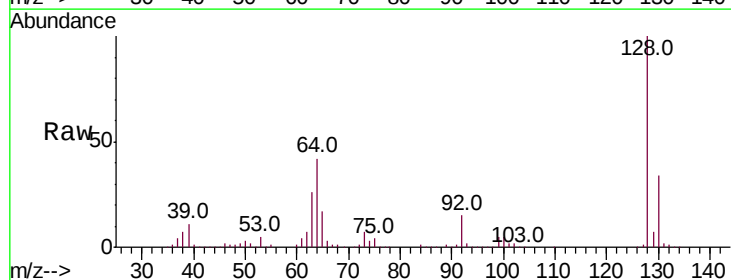
RT: 6.51 min Scan# 710

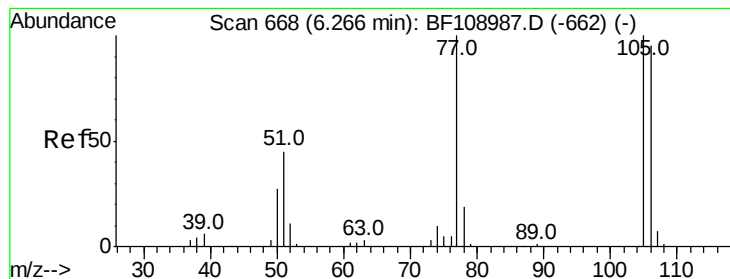
Delta R.T. 0.01 min

Lab File: BF109151.D

Acq: 19 Sep 2018 18:42

Tgt Ion:	128	Resp:	277664
Ion Ratio	Lower	Upper	
128	100		
130	33.8	13.0	53.0
64	41.9	29.4	69.4





#9

Benzaldehyde

Concen: 16.937 ng

RT: 6.27 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF109151.D

Acq: 19 Sep 2018 18:42

Instrument :

BNA_F

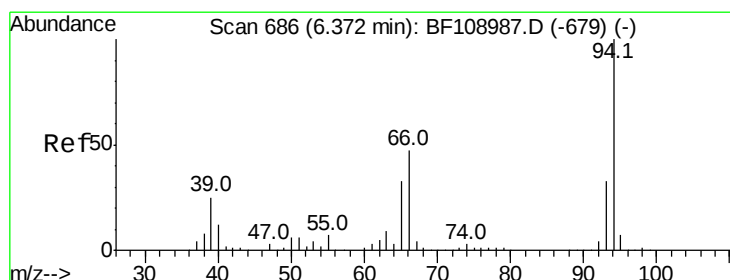
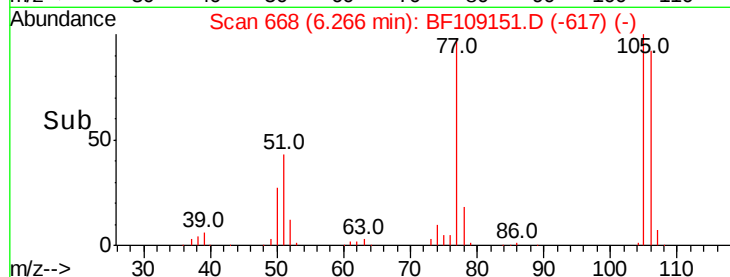
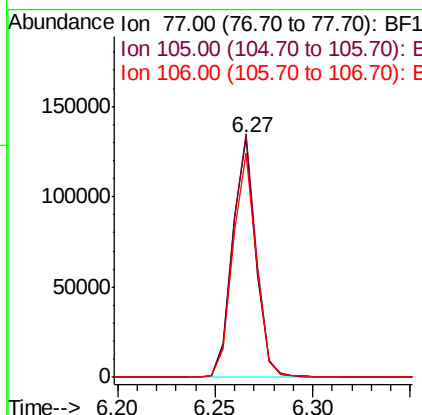
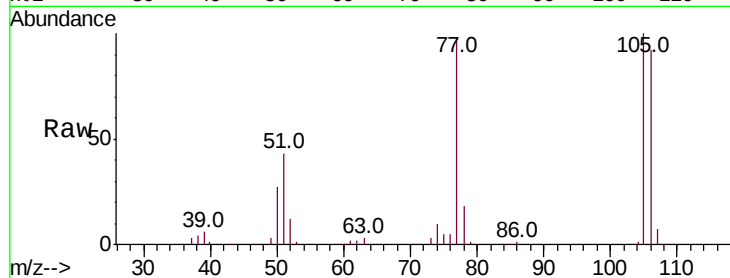
ClientSampleId :

SAMPLE-01MSD

Tot Ion:	77	Resp:	109489
Ion Ratio	Lower	Upper	
77	100		
105	101.6	81.1	121.1
106	93.7	74.5	114.5

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#10

Phenol

Concen: 30.459 ng

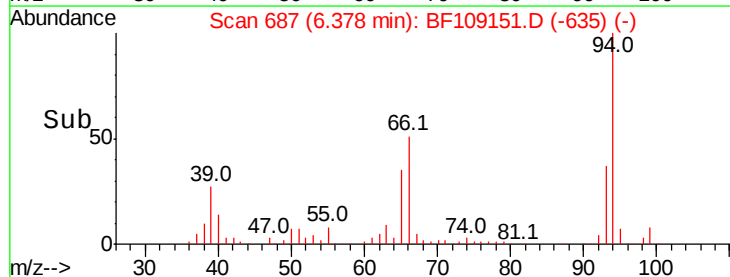
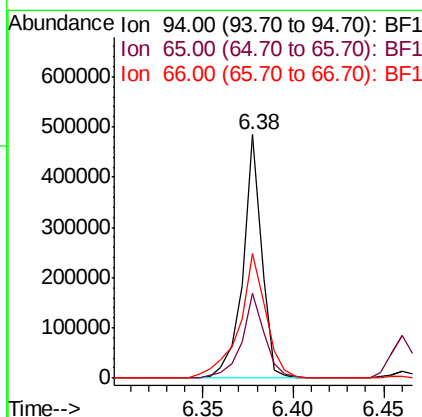
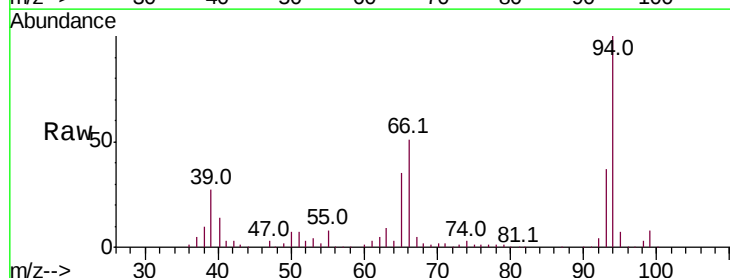
RT: 6.38 min Scan# 687

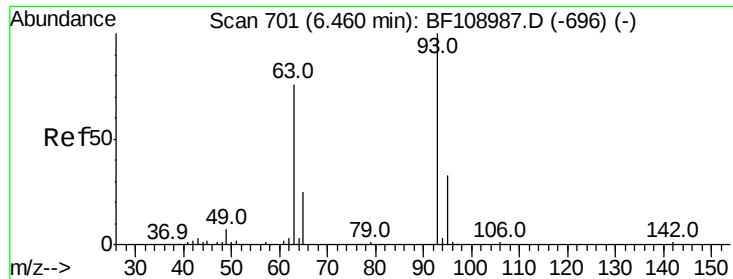
Delta R.T. 0.01 min

Lab File: BF109151.D

Acq: 19 Sep 2018 18:42

Tgt Ion:	94	Resp:	346885
Ion Ratio	Lower	Upper	
94	100		
65	34.7	7.9	47.9
66	50.9	16.2	56.2





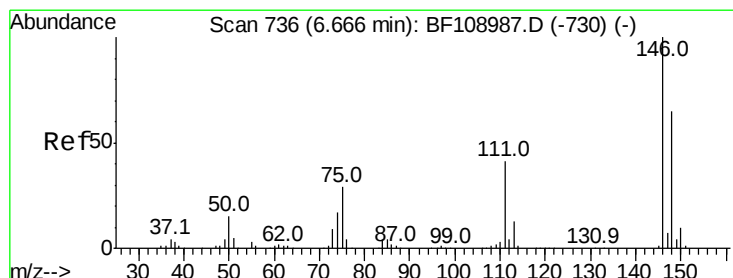
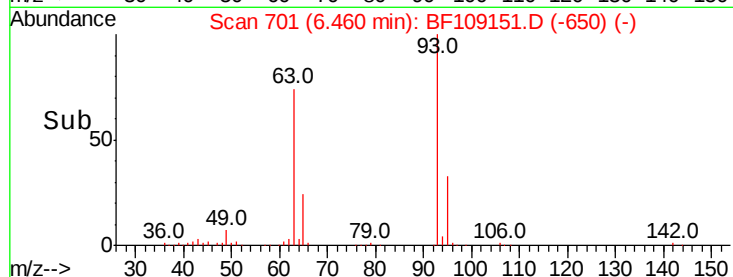
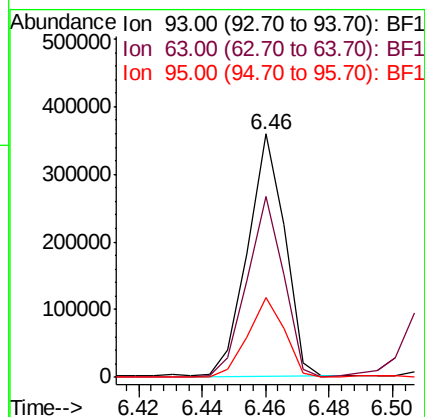
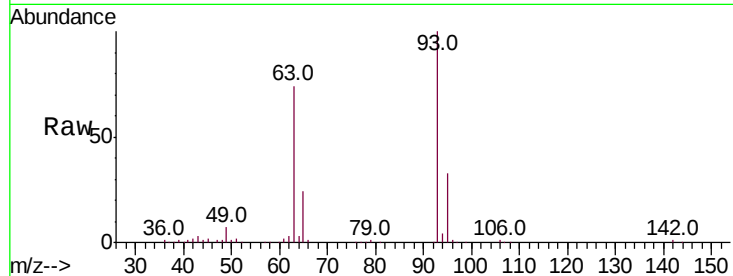
#11
bis(2-Chloroethyl)ether
Concen: 32.568 ng
RT: 6.46 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Instrument :
BNA_F
ClientSampleId :
SAMPLE-01MSD

Tot Ion:	93	Resp:	291803
Ion Ratio	Lower	Upper	
93	100		
63	74.4	58.6	98.6
95	32.9	11.8	51.8

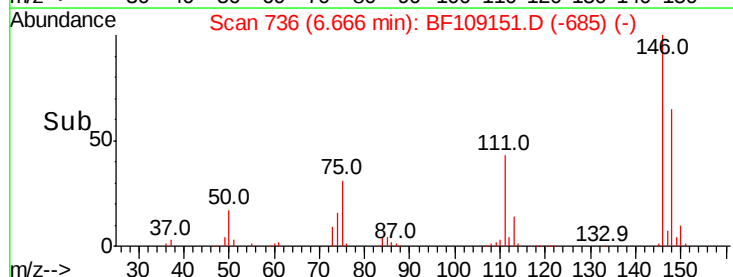
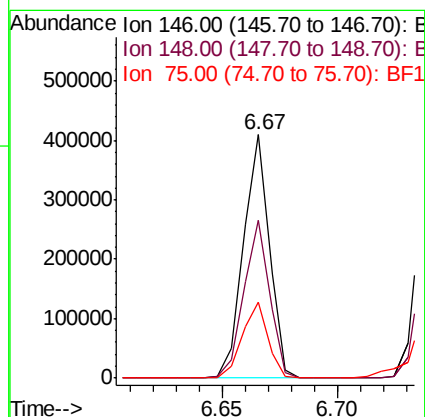
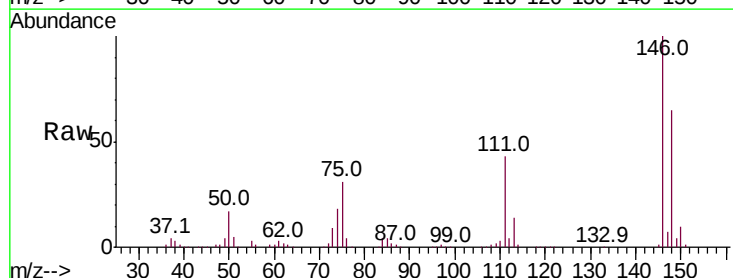
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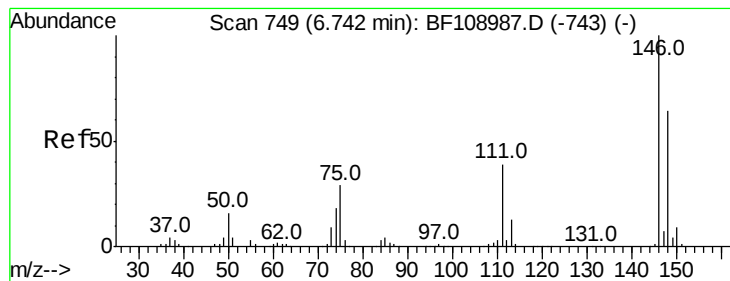
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#12
1,3-Dichlorobenzene
Concen: 31.997 ng
RT: 6.67 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Tgt Ion:	146	Resp:	321437
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.8	77.8
75	31.1	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 32.476 ng

RT: 6.74 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF109151.D

Acq: 19 Sep 2018 18:42

Instrument :

BNA_F

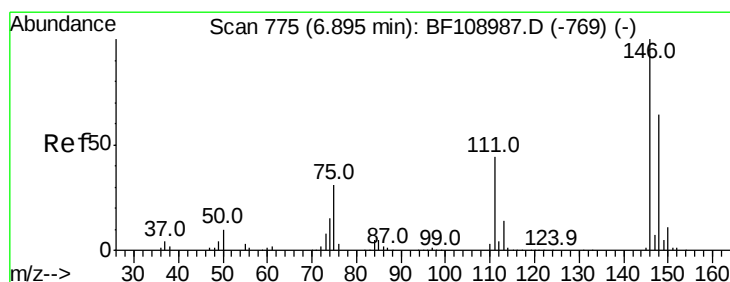
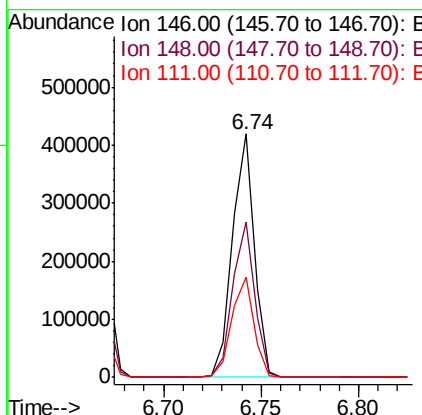
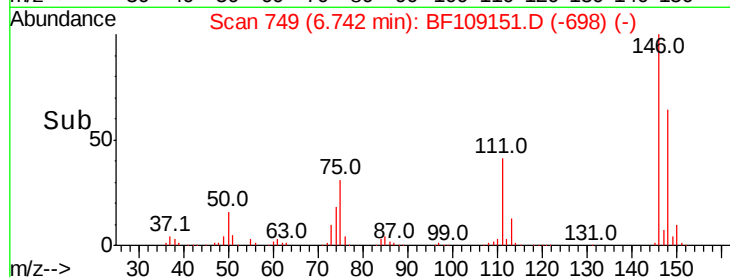
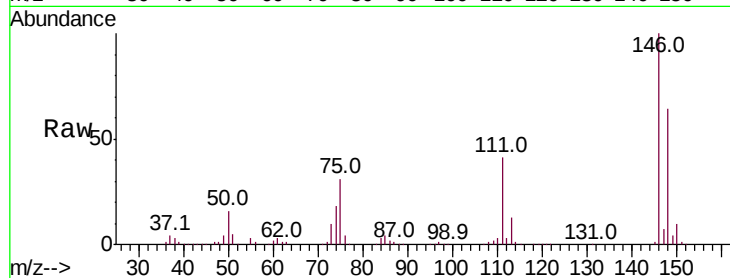
ClientSampleId :

SAMPLE-01MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.8	76.2
111	41.1	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 32.621 ng

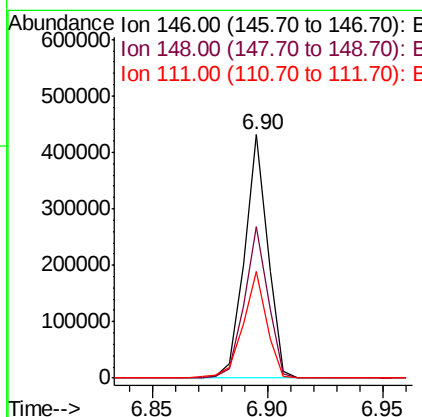
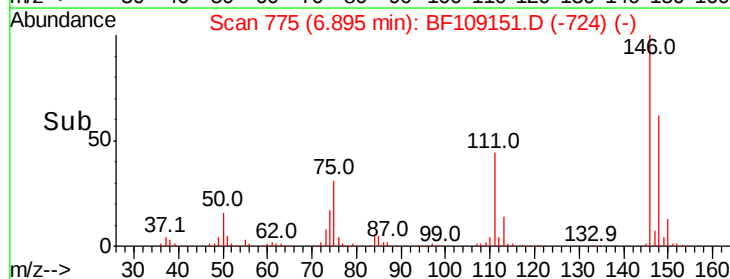
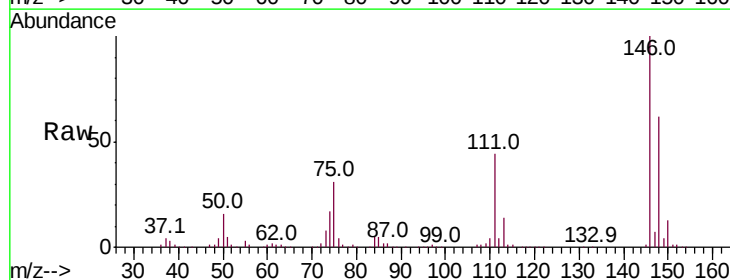
RT: 6.90 min Scan# 775

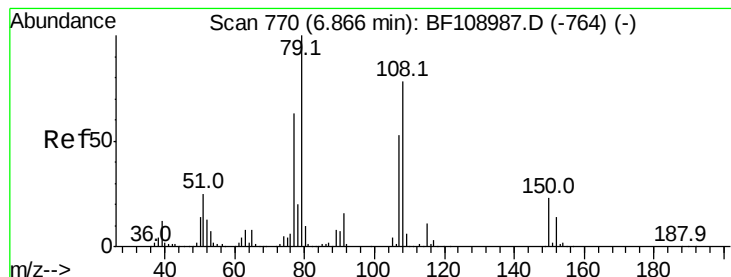
Delta R.T. -0.00 min

Lab File: BF109151.D

Acq: 19 Sep 2018 18:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.6	75.8
111	43.7	36.0	54.0





#15

Benzyl Alcohol

Concen: 32.494 ng

RT: 6.87 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF109151.D

Acq: 19 Sep 2018 18:42

Instrument :

BNA_F

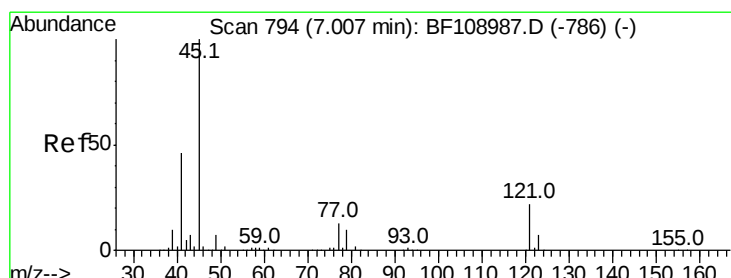
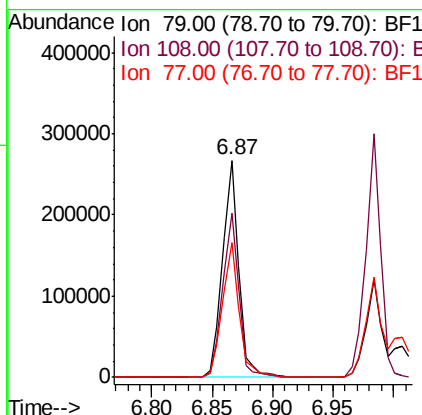
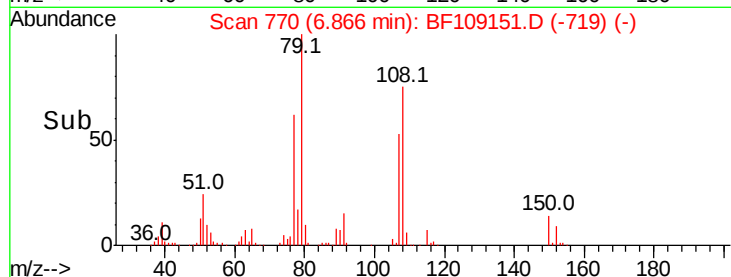
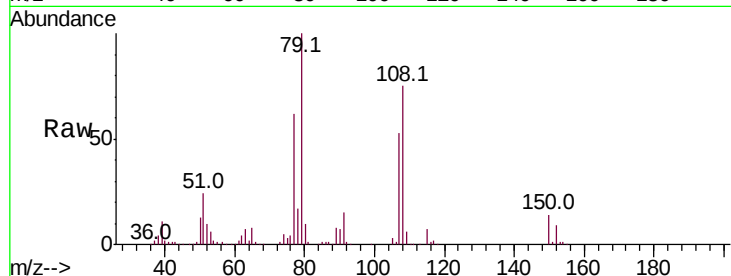
ClientSampleId :

SAMPLE-01MSD

Tot Ion:	79	Resp:	249683
Ion Ratio	Lower	Upper	
79	100		
108	75.5	65.1	97.7
77	62.1	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.769 ng

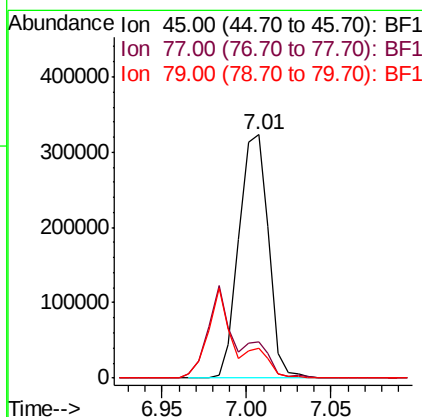
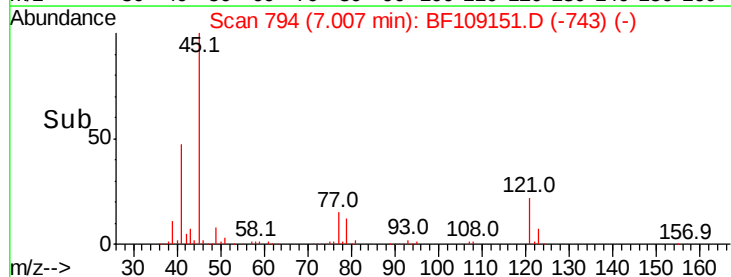
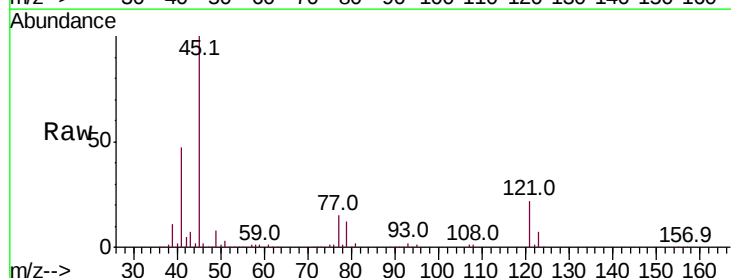
RT: 7.01 min Scan# 794

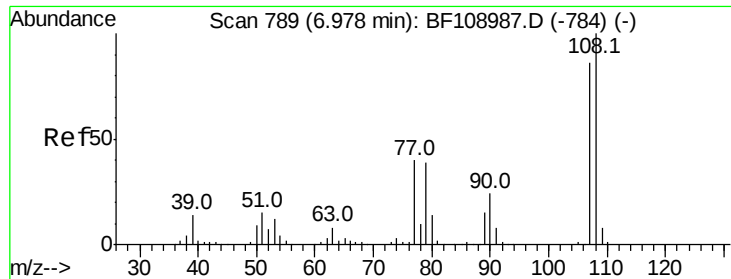
Delta R.T. -0.00 min

Lab File: BF109151.D

Acq: 19 Sep 2018 18:42

Tgt Ion:	45	Resp:	394991
Ion Ratio	Lower	Upper	
45	100		
77	15.1	0.0	32.9
79	12.0	0.0	29.6





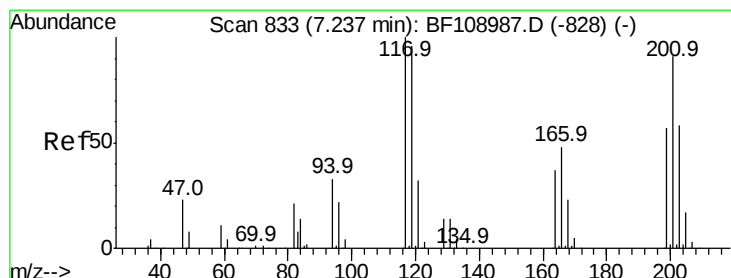
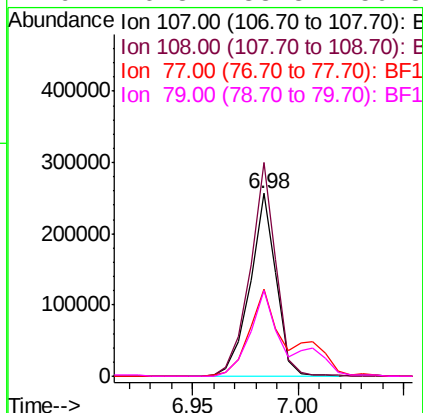
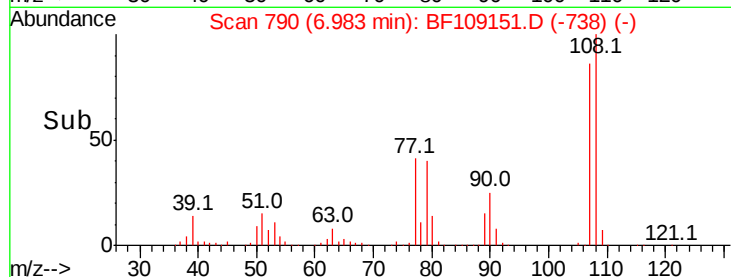
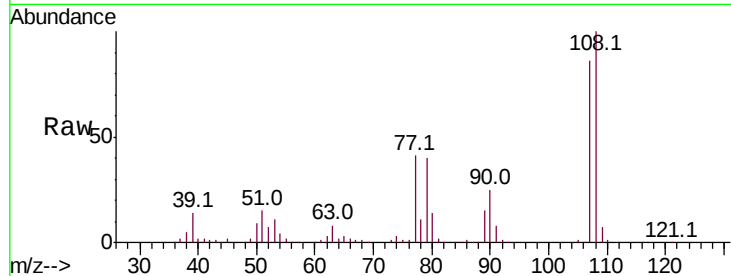
#17
2-Methylphenol
Concen: 31.004 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Instrument :
BNA_F
ClientSampleId :
SAMPLE-01MSD

Tot Ion:	107	Resp:	222195
Ion Ratio	Lower	Upper	
107	100		
108	116.7	91.7	137.5
77	47.9	33.8	50.8
79	46.8	33.8	50.8

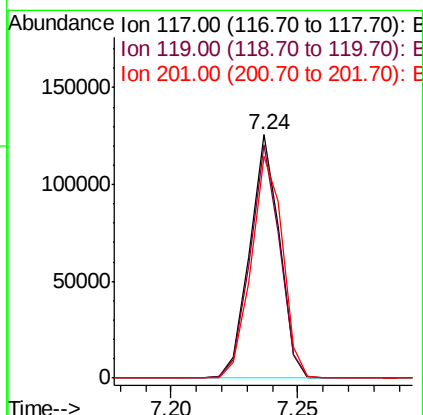
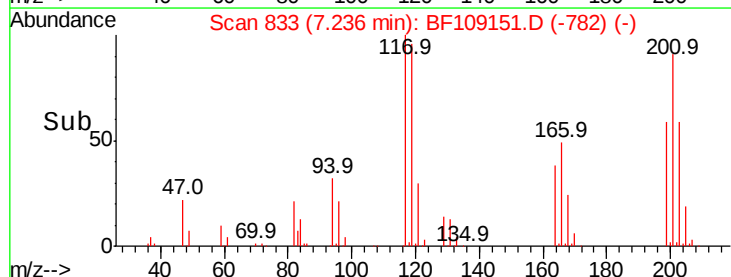
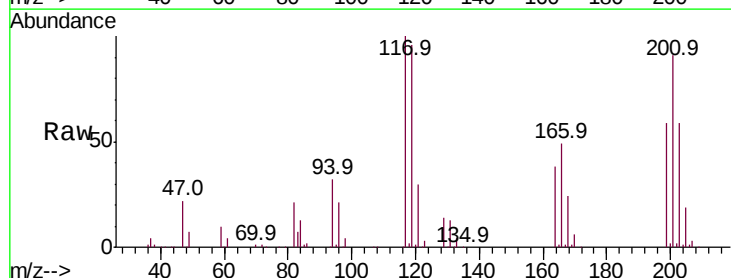
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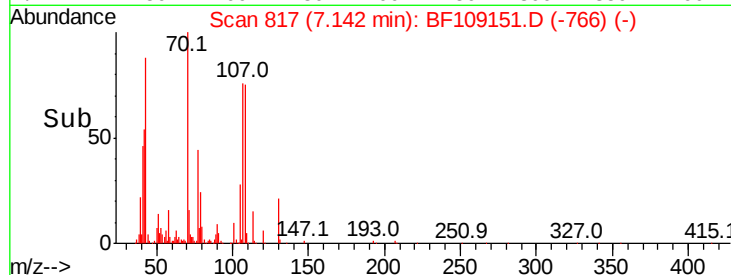
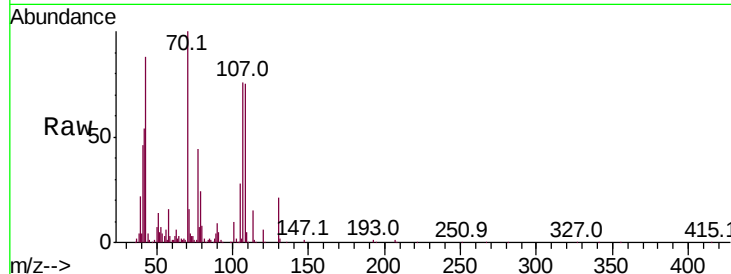
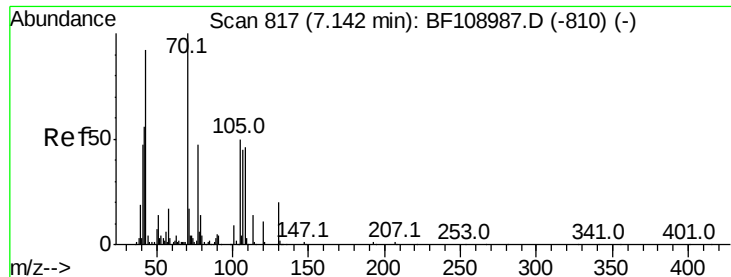
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#18
Hexachloroethane
Concen: 28.008 ng
RT: 7.24 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Tgt Ion:	117	Resp:	102517
Ion Ratio	Lower	Upper	
117	100		
119	96.1	75.8	113.8
201	91.2	75.7	113.5





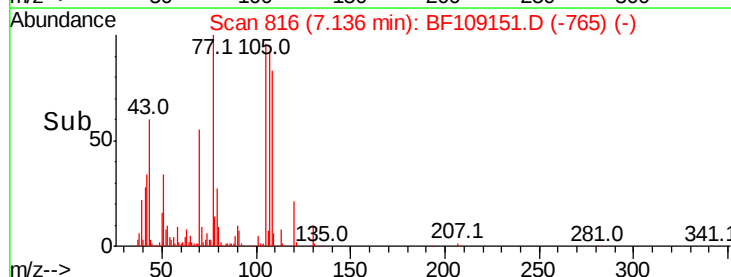
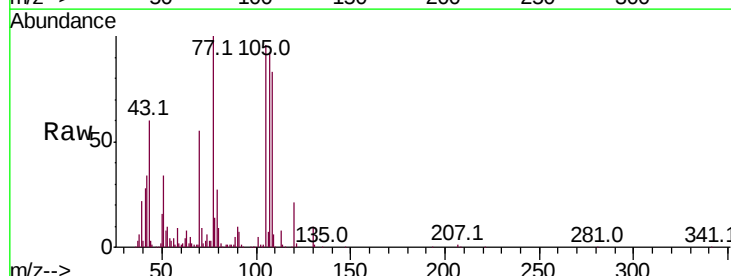
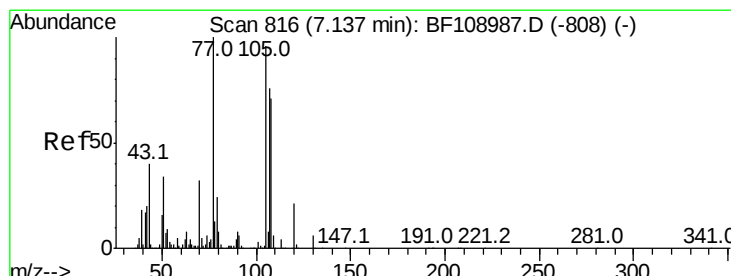
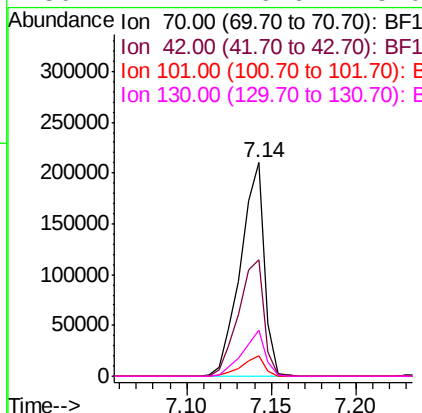
#19
n-Nitroso-di-n-propylamine
Concen: 31.010 ng
RT: 7.14 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Instrument :
BNA_F
ClientSampleId :
SAMPLE-01MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.5	47.5	71.3	
101	9.6	7.4	11.2	
130	21.4	16.6	25.0	

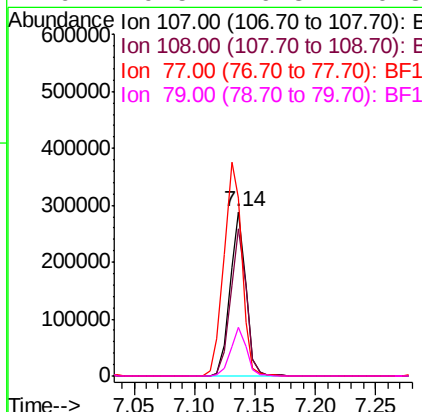
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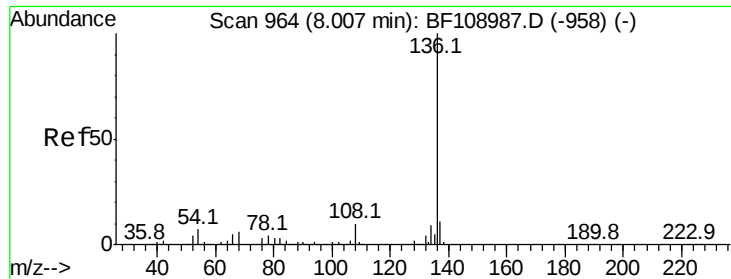
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#20
3+4-Methylphenols
Concen: 30.568 ng
RT: 7.14 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.6	68.2	108.2	
77	108.2	26.7	66.7#	
79	29.5	6.3	46.3	





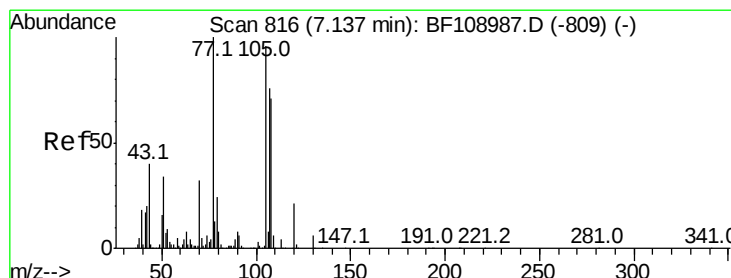
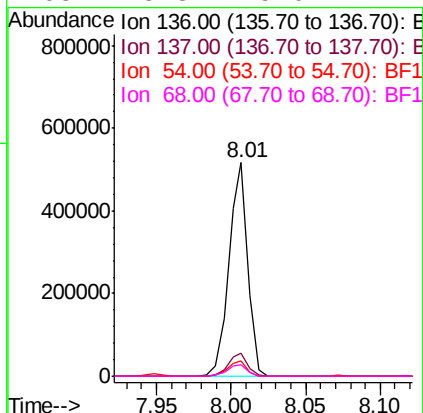
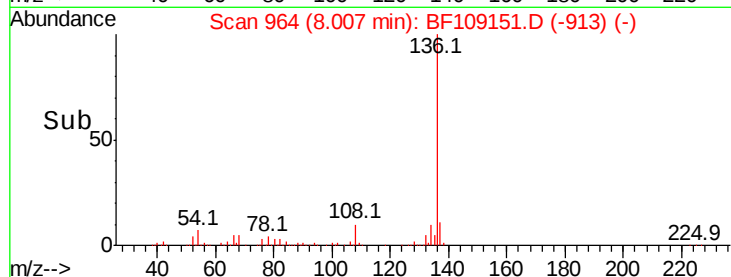
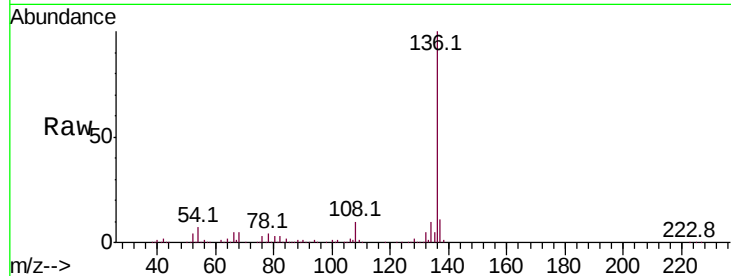
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 964
Delta R.T. -0.00 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Instrument :
BNA_F
ClientSampleId :
SAMPLE-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.9	13.3	
54	6.9	6.6	9.8	
68	5.3	5.0	7.4	

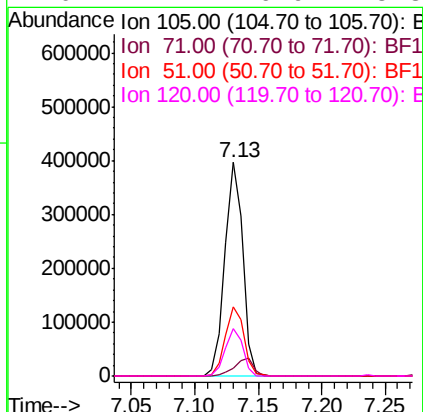
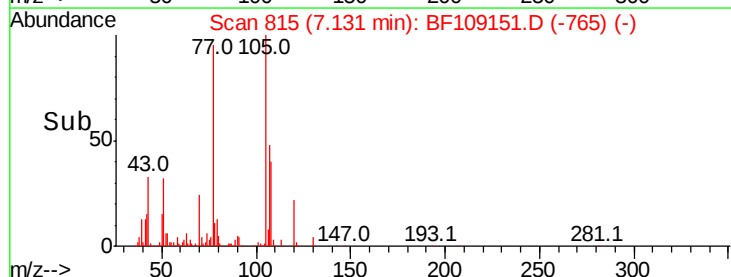
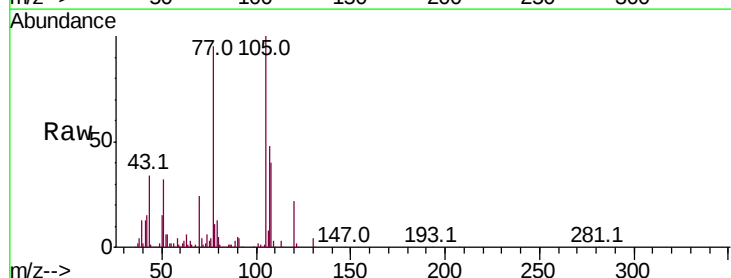
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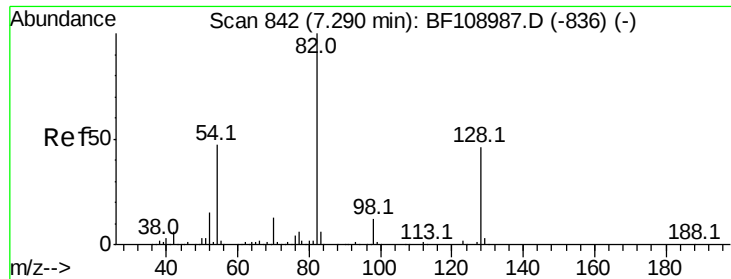
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#22
Acetophenone
Concen: 37.188 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.9	4.4	6.6#	
51	32.5	22.3	33.5	
120	22.1	16.9	25.3	





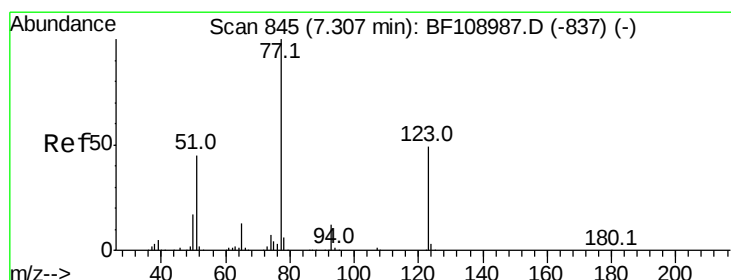
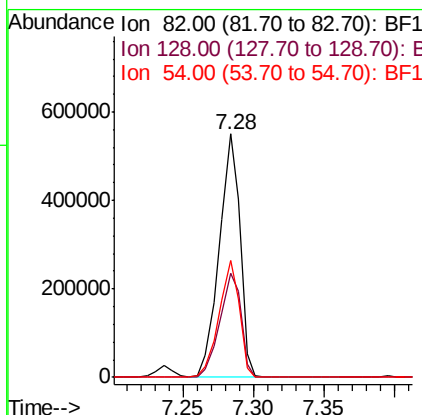
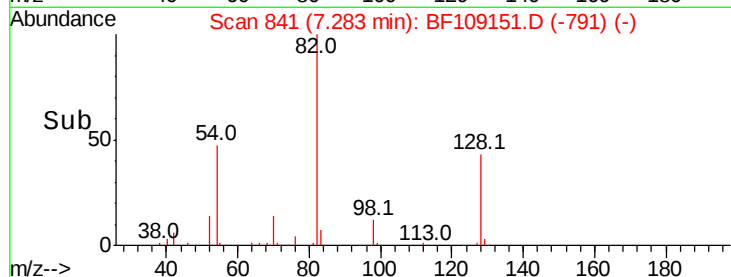
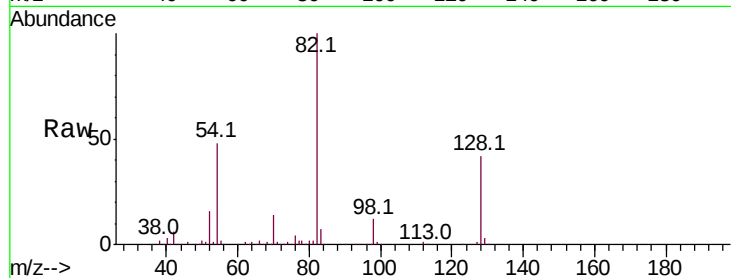
#23
 Nitrobenzene-d5
 Concen: 68.325 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF109151.D
 Acq: 19 Sep 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.5	36.1	54.1	
54	48.2	41.4	62.2	

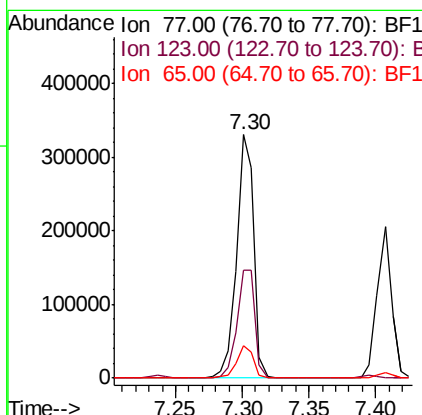
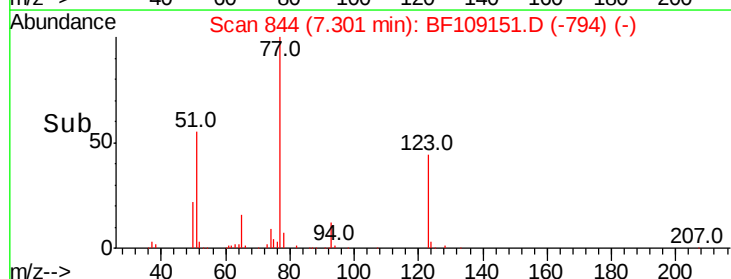
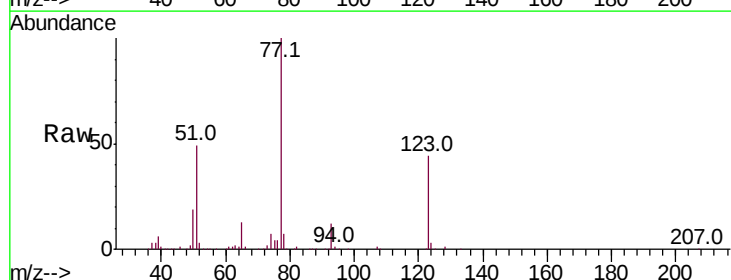
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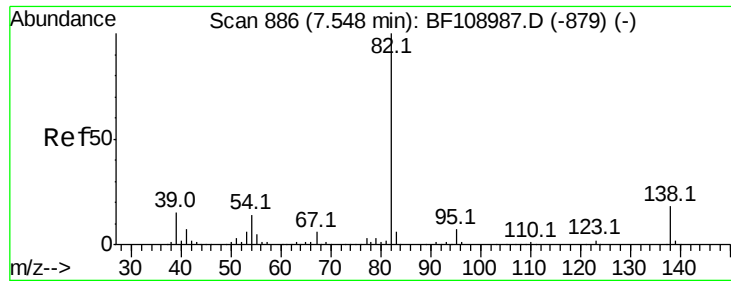
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#24
 Nitrobenzene
 Concen: 35.206 ng
 RT: 7.30 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF109151.D
 Acq: 19 Sep 2018 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	44.2	37.9	56.9	
65	13.3	11.0	16.4	





#25

Isophorone

Concen: 38.127 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF109151.D

Acq: 19 Sep 2018 18:42

Instrument :

BNA_F

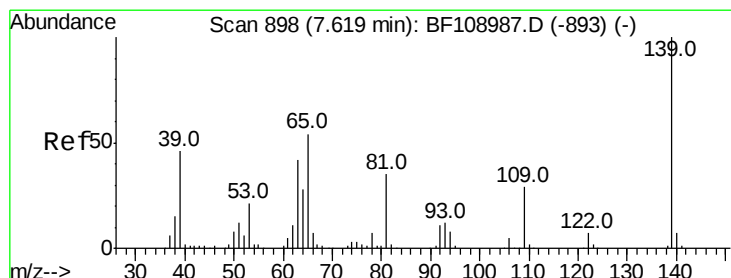
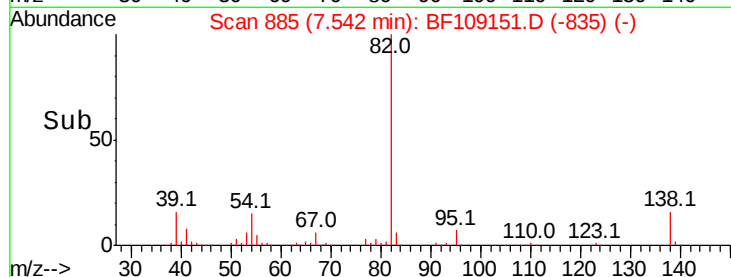
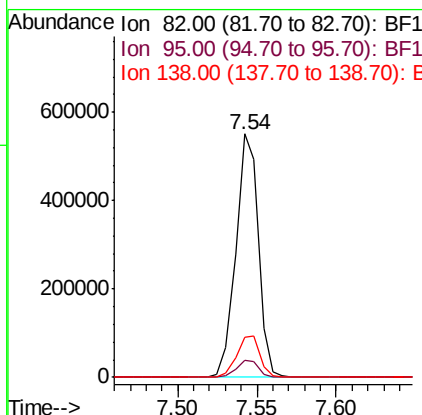
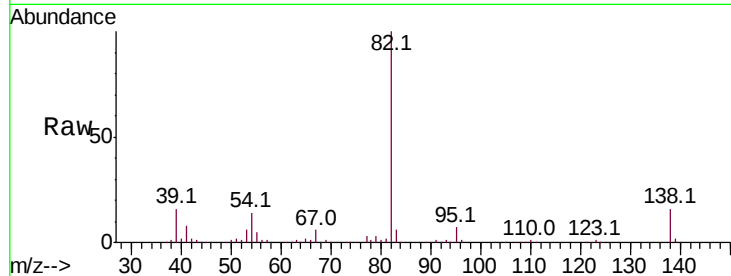
ClientSampleId :

SAMPLE-01MSD

Tot Ion:	82	Resp:	539170
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.2	7.8
138	16.2	14.9	22.3

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#26

2-Nitrophenol

Concen: 15.682 ng

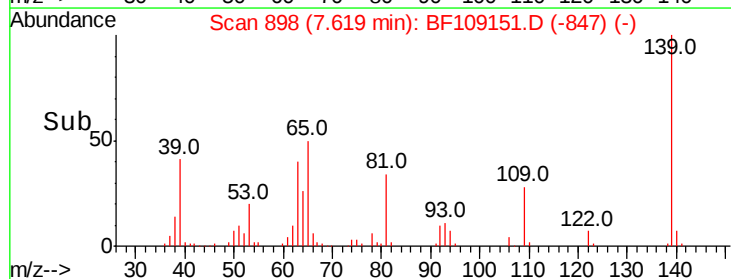
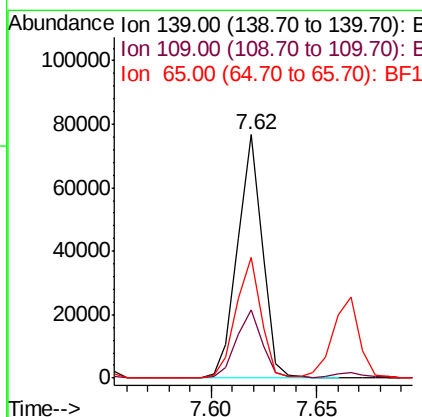
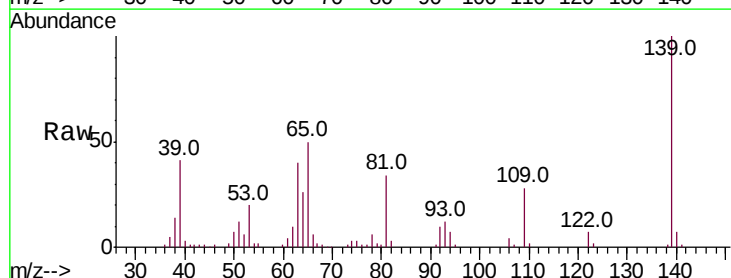
RT: 7.62 min Scan# 898

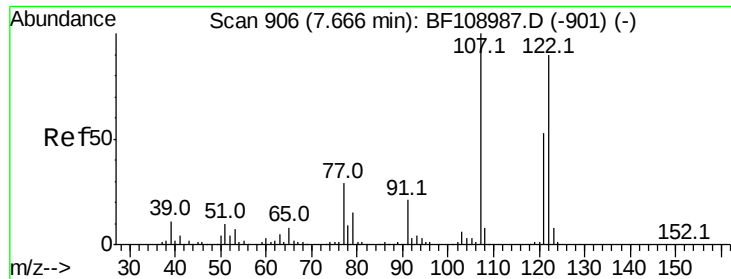
Delta R.T. -0.00 min

Lab File: BF109151.D

Acq: 19 Sep 2018 18:42

Tgt Ion:	139	Resp:	62108
Ion Ratio	Lower	Upper	
139	100		
109	28.1	22.7	34.1
65	49.7	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 37.068 ng

RT: 7.67 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF109151.D

Acq: 19 Sep 2018 18:42

Instrument :

BNA_F

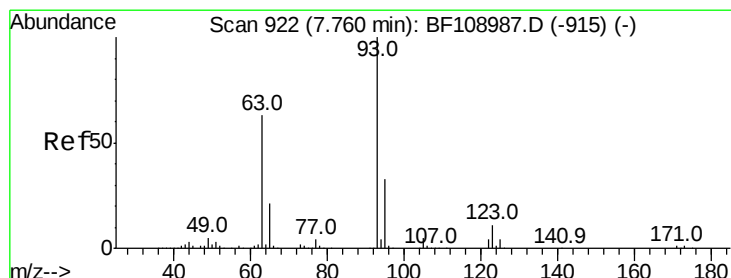
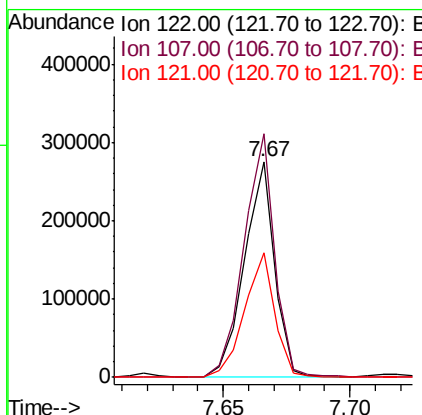
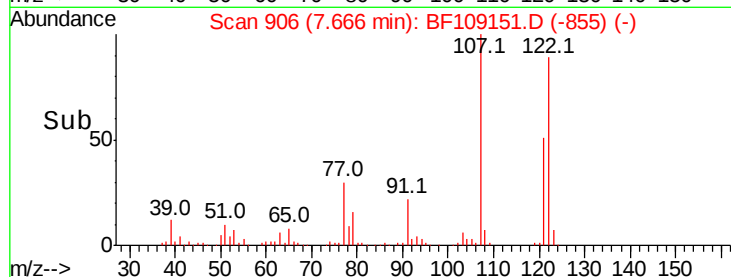
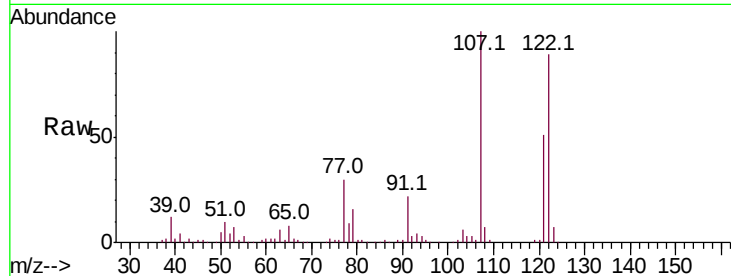
ClientSampleId :

SAMPLE-01MSD

Tot Ion:	122	Resp:	230285
Ion Ratio	Lower	Upper	
122	100		
107	112.7	91.2	136.8
121	57.5	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 36.601 ng

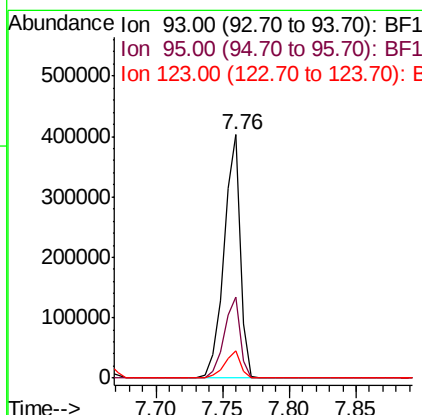
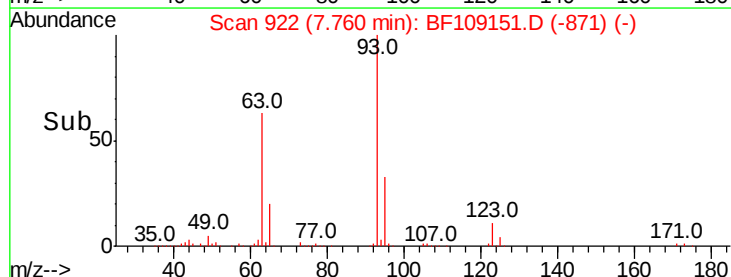
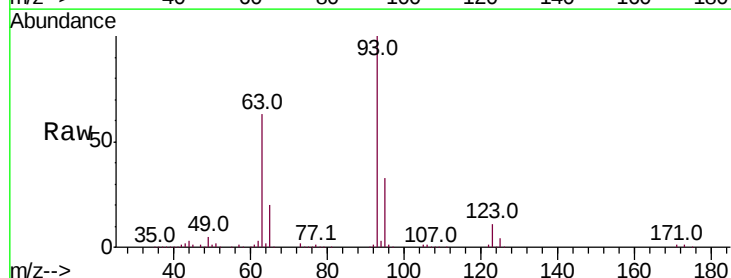
RT: 7.76 min Scan# 922

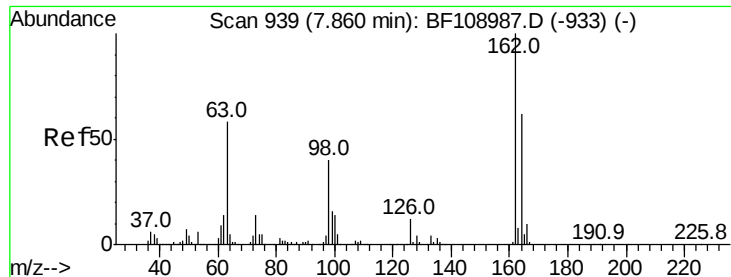
Delta R.T. -0.00 min

Lab File: BF109151.D

Acq: 19 Sep 2018 18:42

Tgt Ion:	93	Resp:	348307
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.3	39.5
123	11.1	9.8	14.6





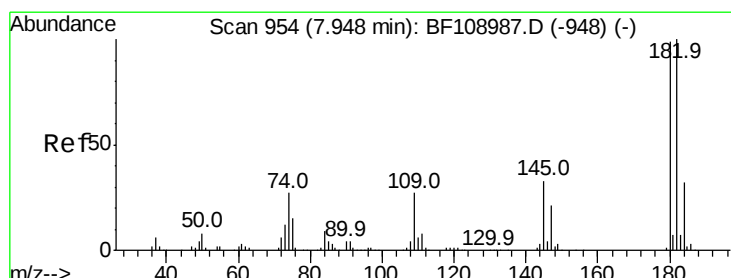
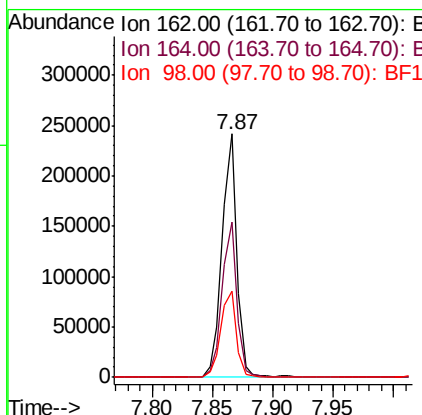
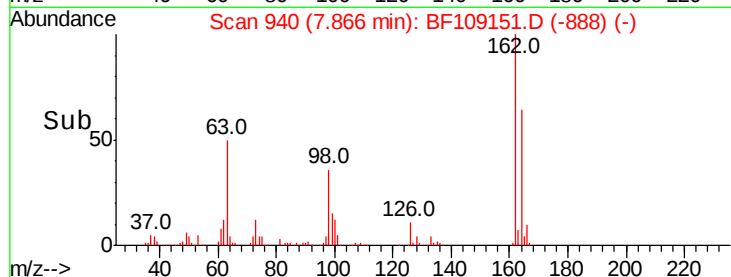
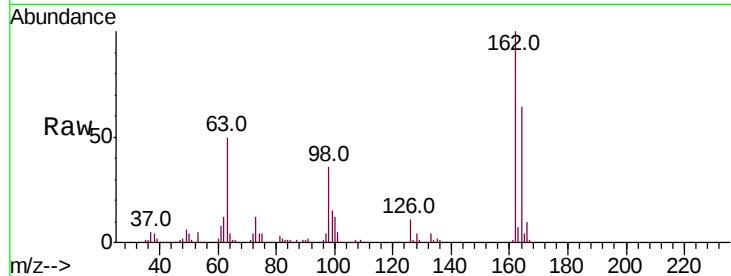
#29
2,4-Dichlorophenol
Concen: 31.016 ng
RT: 7.87 min Scan# 940
Delta R.T. 0.01 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Instrument :
BNA_F
ClientSampleId :
SAMPLE-01MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	42.7	82.7
98	35.6	18.1	58.1

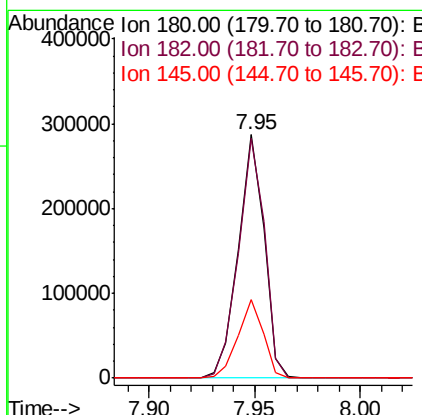
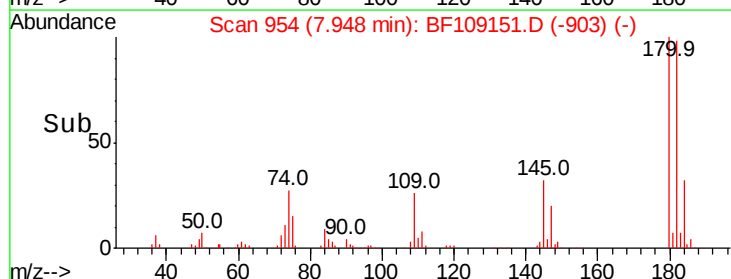
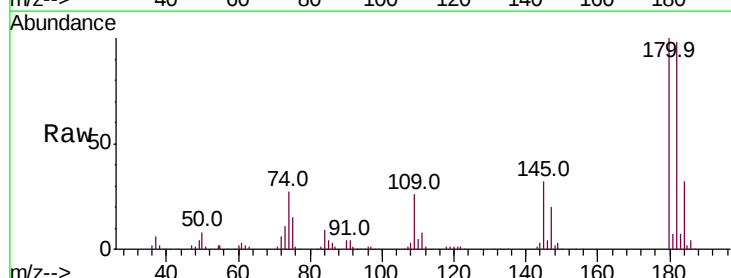
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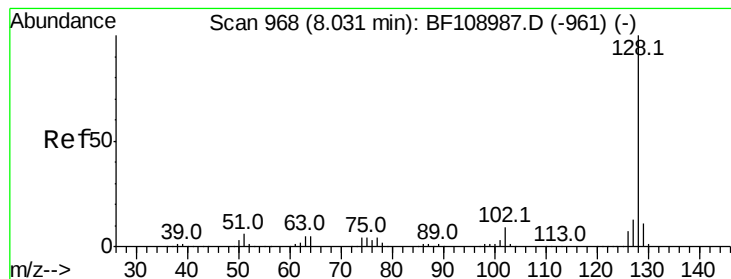
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#30
1,2,4-Trichlorobenzene
Concen: 33.995 ng
RT: 7.95 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	76.8	115.2
145	32.2	26.5	39.7





#31

Naphthalene

Concen: 36.608 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF109151.D

Acq: 19 Sep 2018 18:42

Instrument :

BNA_F

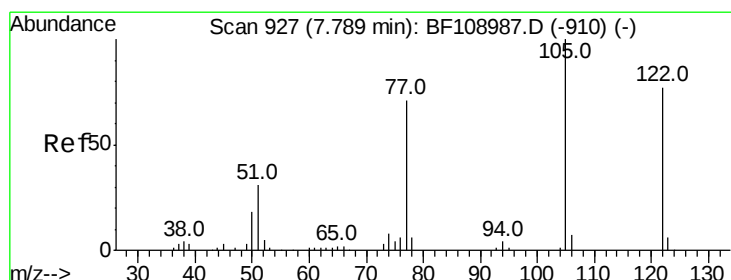
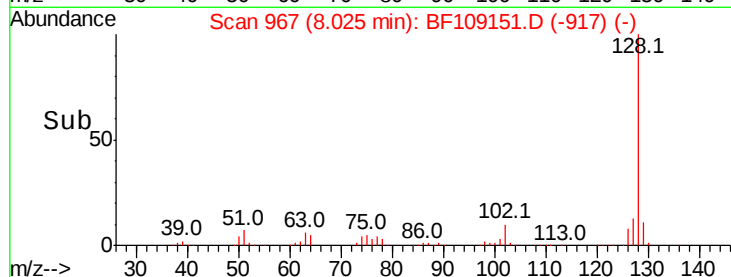
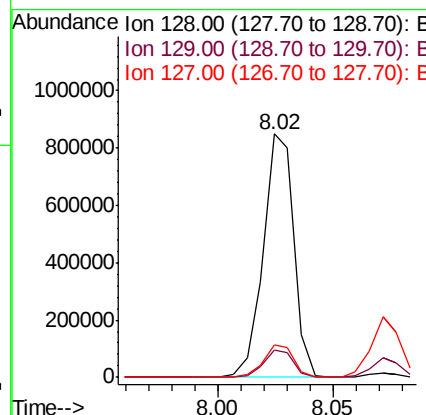
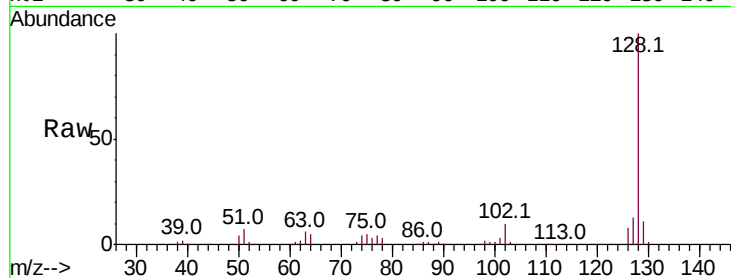
ClientSampleId :

SAMPLE-01MSD

Tot Ion:	128	Resp:	783990
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.8	13.2
127	13.5	10.9	16.3

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#32

Benzoic acid

Concen: 2.917 ng m

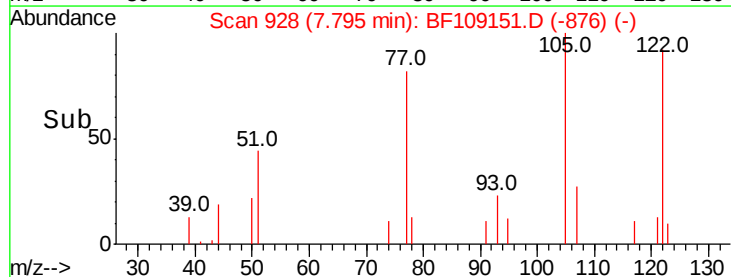
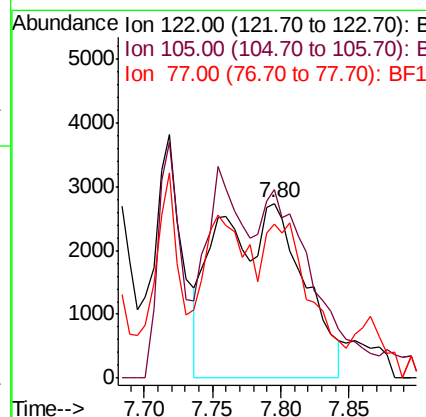
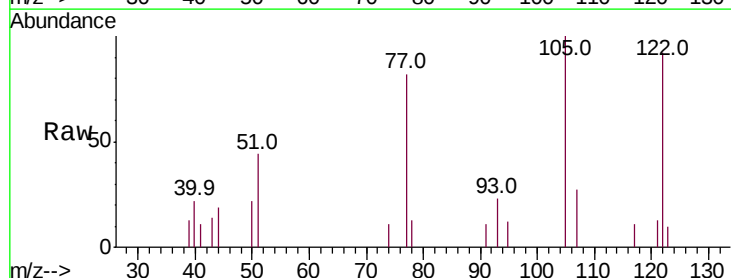
RT: 7.80 min Scan# 928

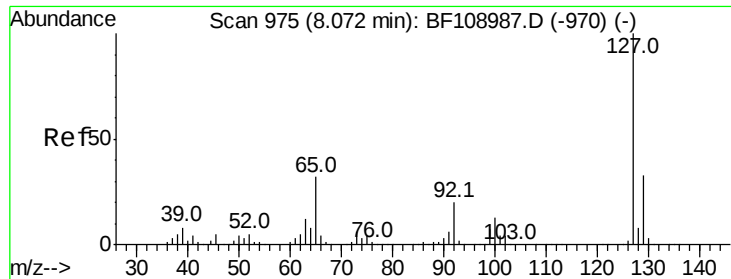
Delta R.T. 0.01 min

Lab File: BF109151.D

Acq: 19 Sep 2018 18:42

Tgt Ion:	122	Resp:	11843
Ion Ratio	Lower	Upper	
122	100		
105	108.3	101.1	141.1
77	88.3	70.7	110.7





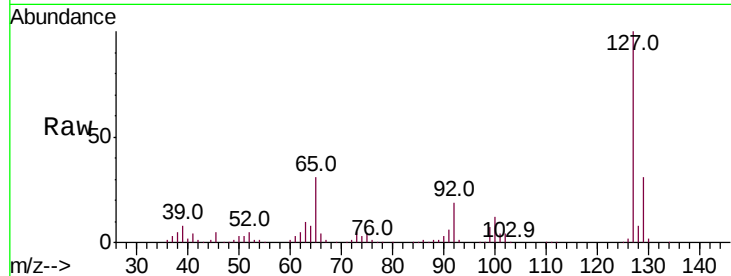
#33
4-Chloroaniline
Concen: 20.455 ng
RT: 8.07 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Instrument :
BNA_F
ClientSampleId :
SAMPLE-01MSD

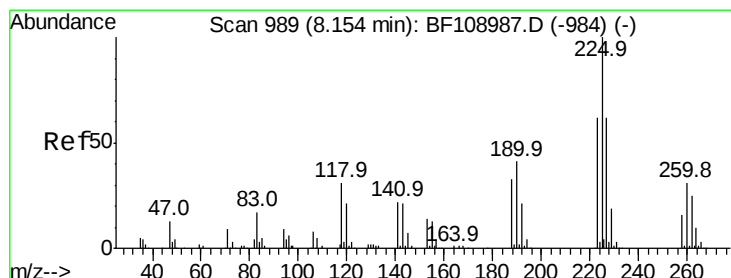
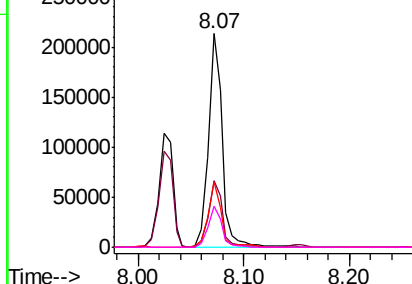
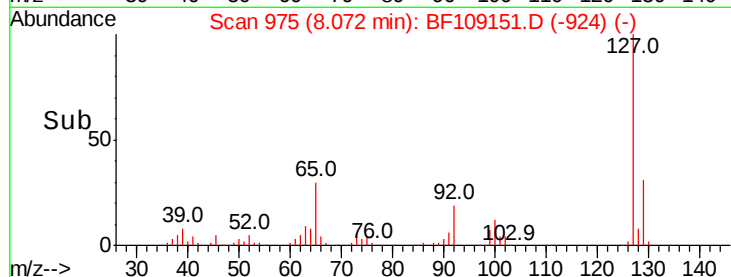
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		194778		
129	31.4	25.9	38.9		
65	30.7	25.0	37.4		
92	19.4	15.2	22.8		

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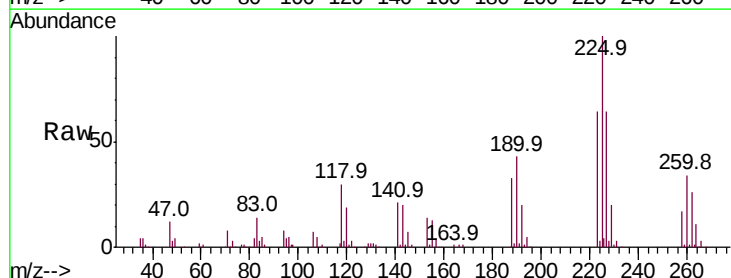


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

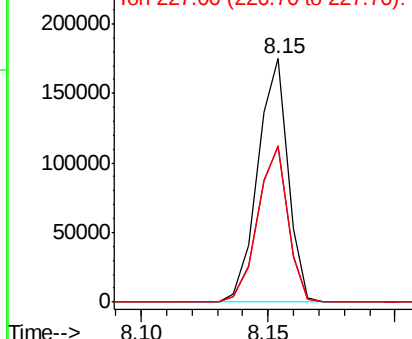
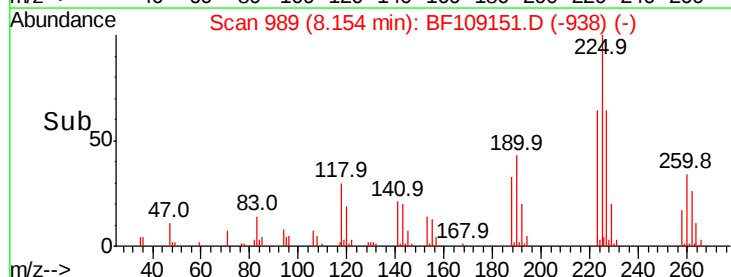


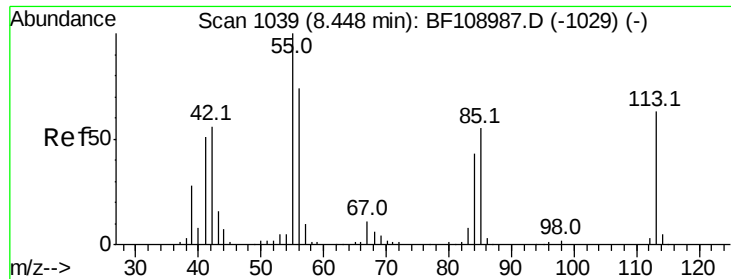
#34
Hexachlorobutadiene
Concen: 33.422 ng
RT: 8.15 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		146019		
223	63.7	50.6	76.0		
227	64.1	51.9	77.9		



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





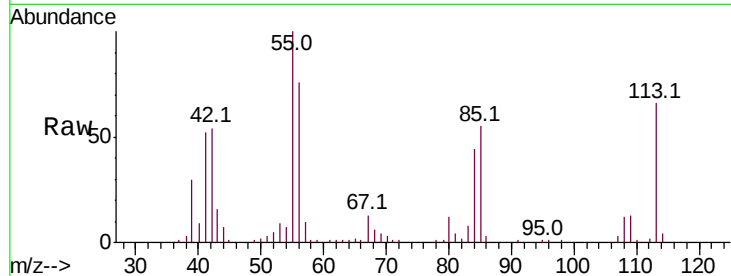
#35
Caprolactam
Concen: 24.850 ng/ml
RT: 8.44 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Instrument :
BNA_F
ClientSampleId :
SAMPLE-01MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	152.3	163.3	203.3#
56	116.1	115.7	155.7

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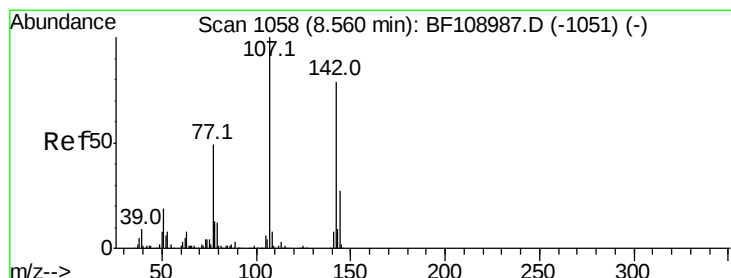
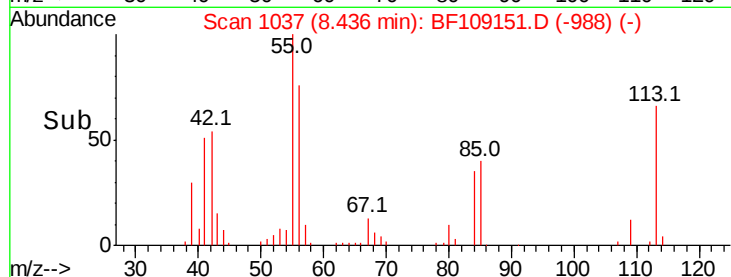
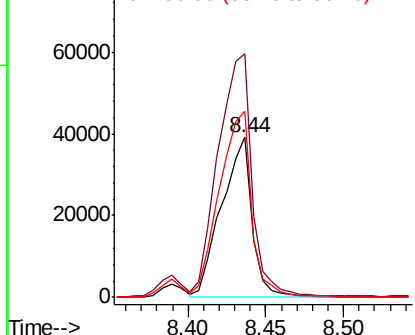


Abundance

Ion 113.00 (112.70 to 113.70): E

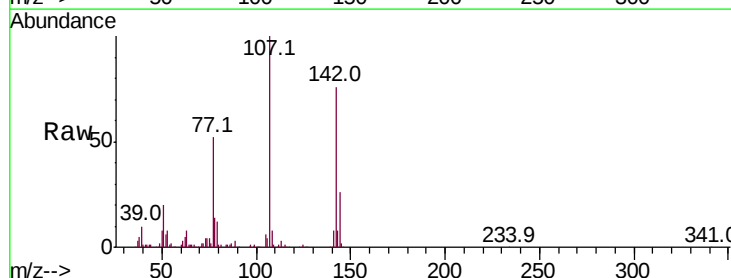
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 29.481 ng/ml
RT: 8.56 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.5	30.7
142	75.9	62.0	93.0

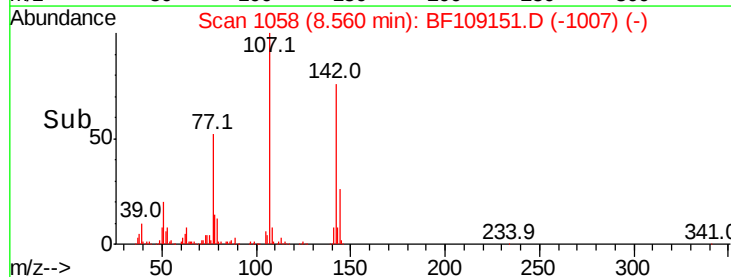
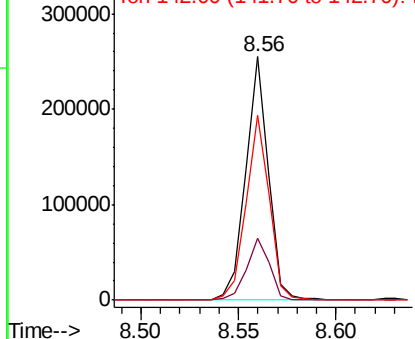


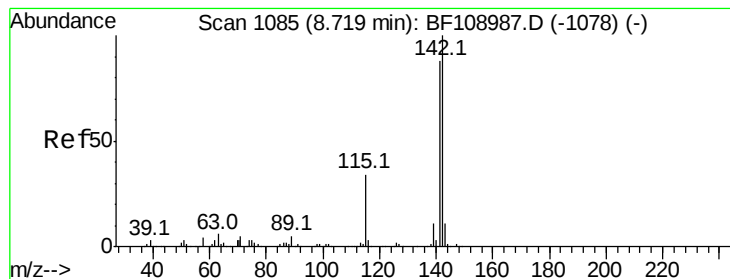
Abundance

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





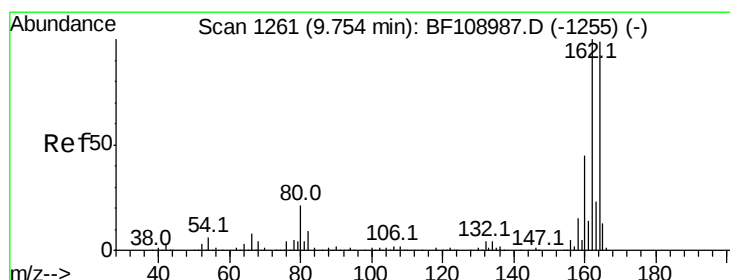
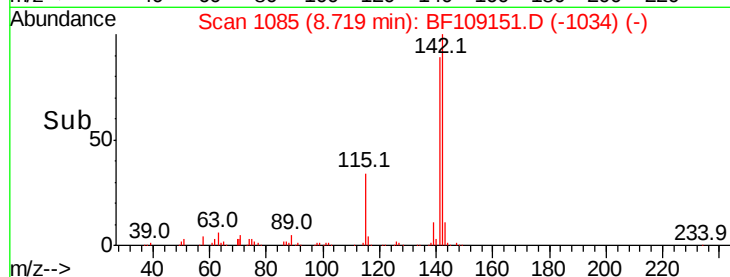
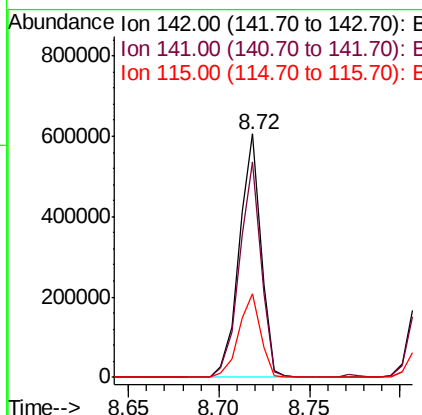
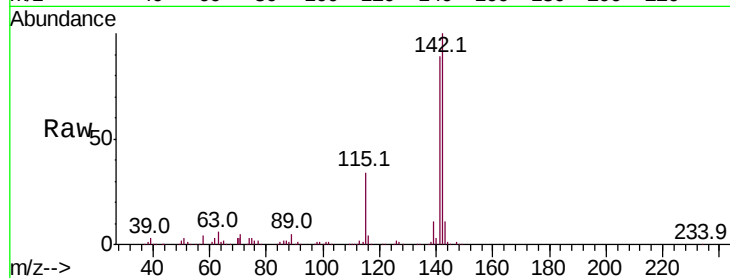
#37
2-Methylnaphthalene
Concen: 36.036 ng
RT: 8.72 min Scan# 1085
Delta R.T. -0.00 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Instrument :
BNA_F
ClientSampleId :
SAMPLE-01MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
115	34.2	26.1	39.1

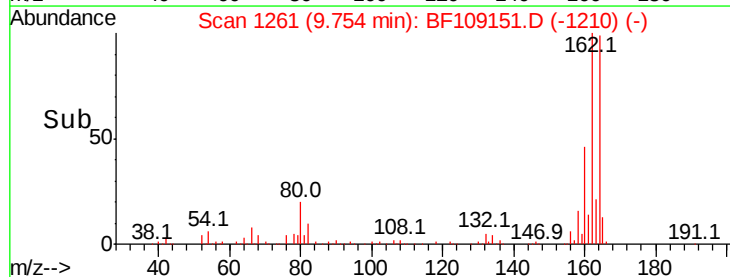
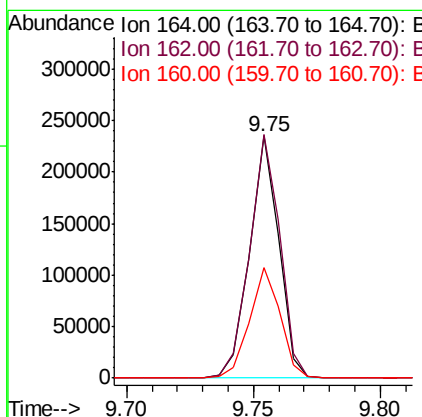
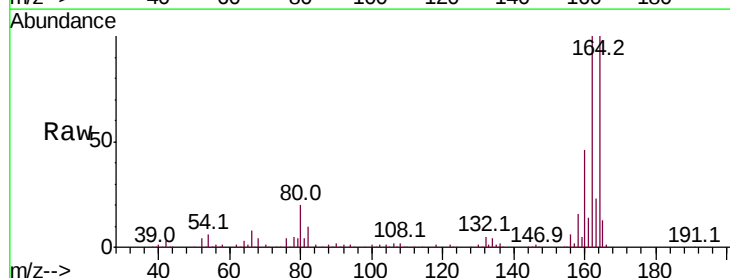
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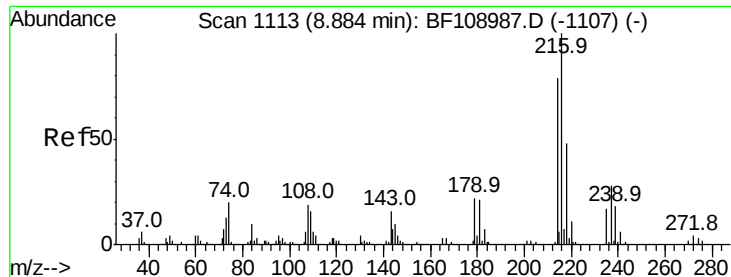
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	86.1	129.1
160	45.8	38.3	57.5





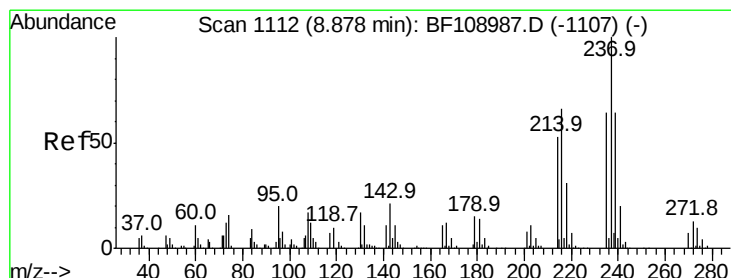
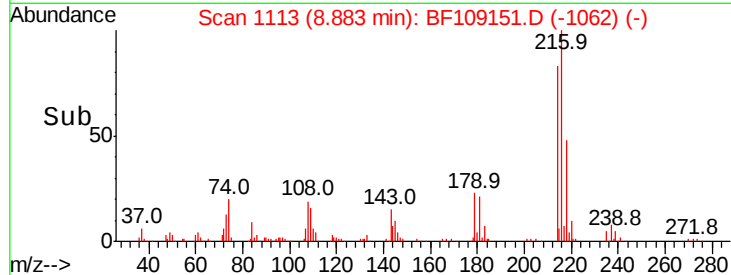
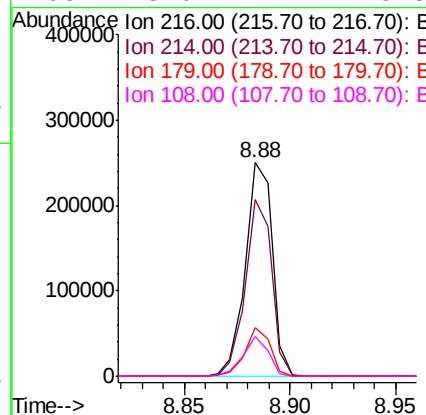
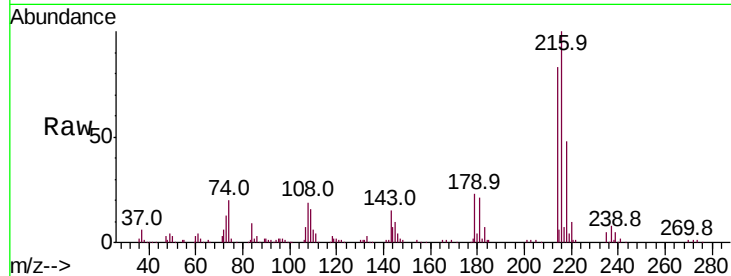
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.130 ng
 RT: 8.88 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BF109151.D
 Acq: 19 Sep 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	221707		
214	80.8	63.0	94.4	
179	21.3	18.1	27.1	
108	18.0	17.2	25.8	

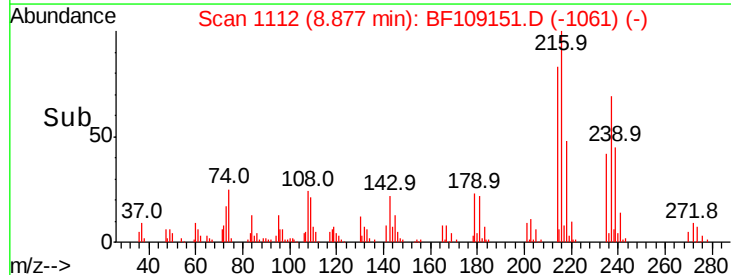
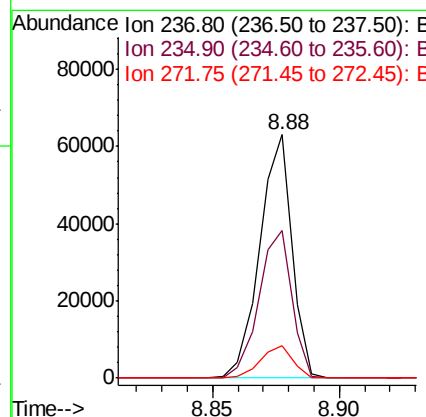
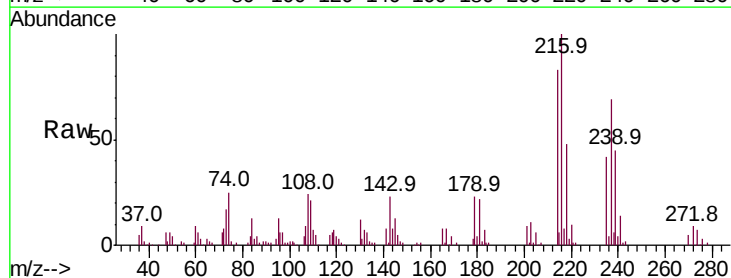
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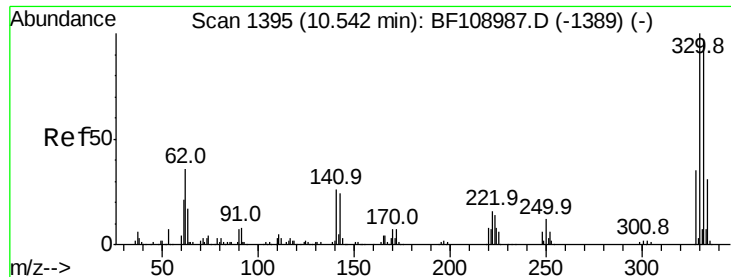
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#40
 Hexachlorocyclopentadiene
 Concen: 18.583 ng
 RT: 8.88 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BF109151.D
 Acq: 19 Sep 2018 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	55907		
235	60.5	44.8	84.8	
272	13.5	0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 86.743 ng

RT: 10.54 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BF109151.D

Acq: 19 Sep 2018 18:42

Instrument :

BNA_F

ClientSampleId :

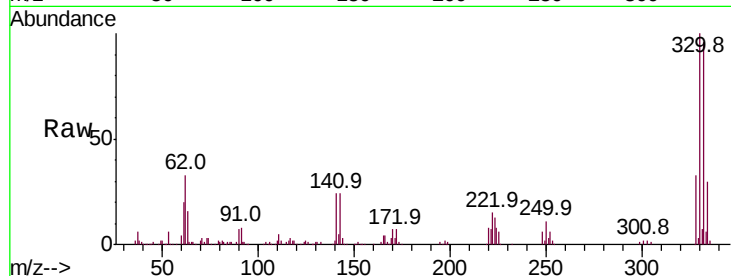
SAMPLE-01MSD

Tot Ion:	330	Resp:	178596
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.0	115.6
141	31.5	29.9	44.9

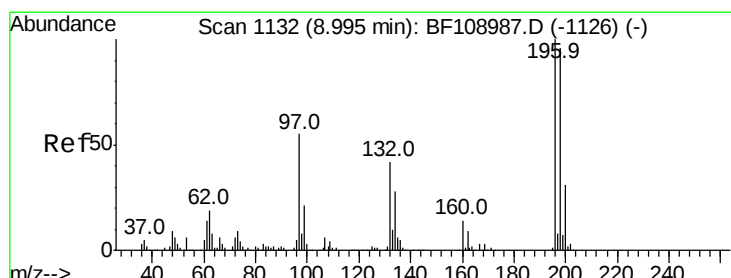
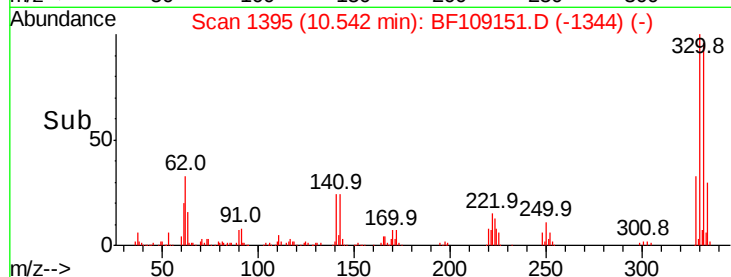
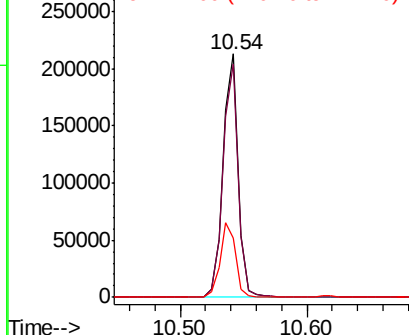
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 33.022 ng

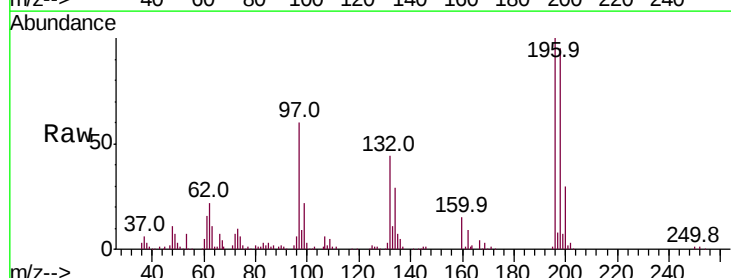
RT: 9.00 min Scan# 1132

Delta R.T. -0.00 min

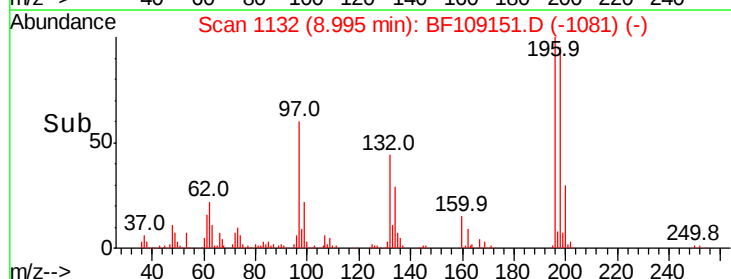
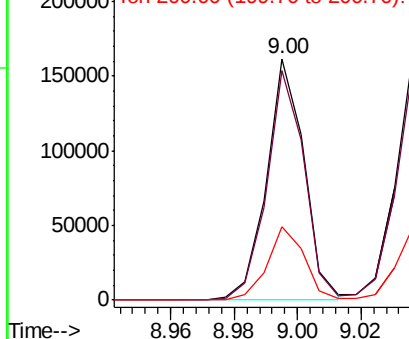
Lab File: BF109151.D

Acq: 19 Sep 2018 18:42

Tgt Ion:	196	Resp:	132531
Ion Ratio	Lower	Upper	
196	100		
198	94.9	75.7	113.5
200	30.5	24.5	36.7



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





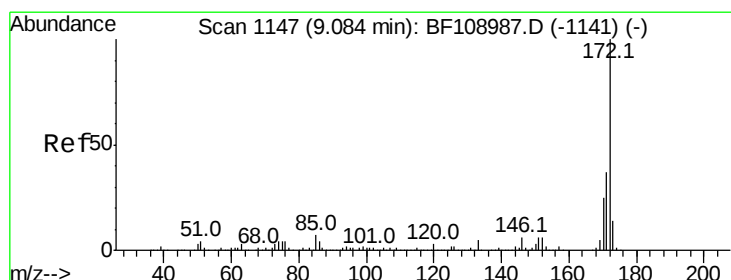
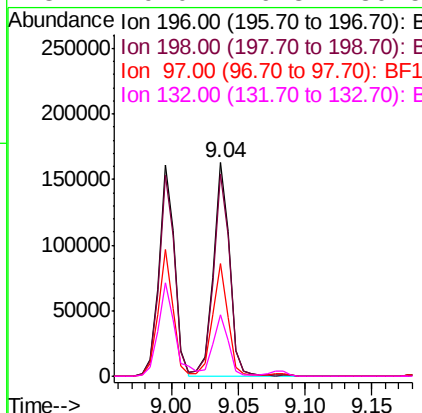
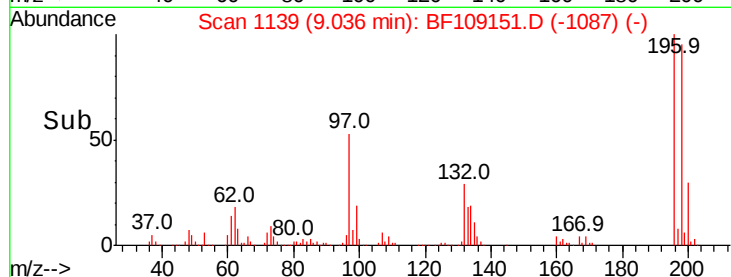
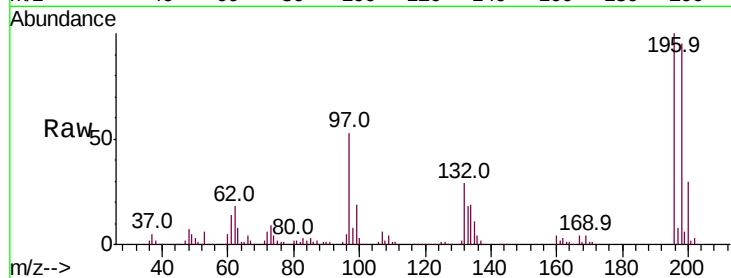
#43
 2,4,5-Trichlorophenol
 Concen: 33.468 ng
 RT: 9.04 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF109151.D
 Acq: 19 Sep 2018 18:42

Instrument :
 BNA_F
 ClientSampleID :
 SAMPLE-01MSD

Tot Ion:	196	Resp:	140370
Ion Ratio	Lower	Upper	
196	100		
198	94.9	74.6	112.0
97	52.5	42.9	64.3
132	29.0	26.3	39.5

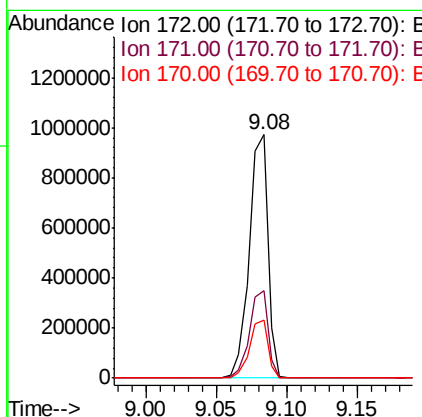
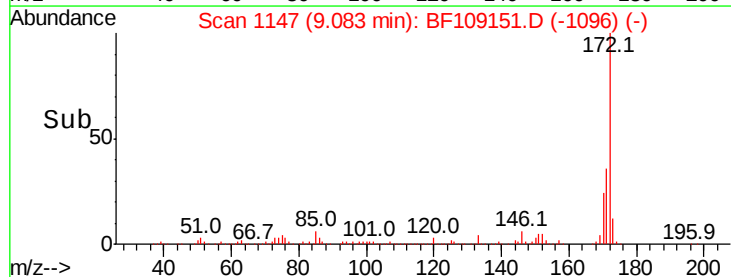
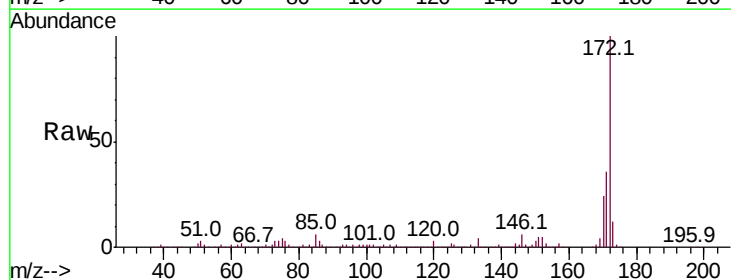
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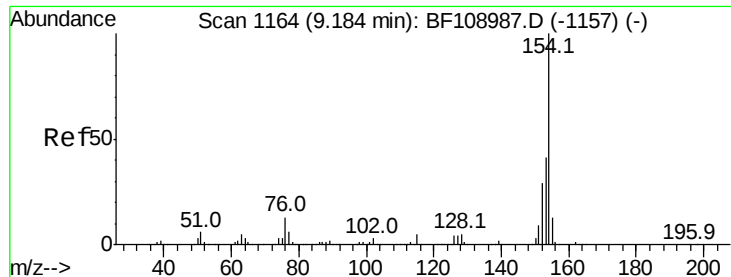
Sohil
 9/20/2018 10:06:48 AM



#44
 2-Fluorobiphenyl
 Concen: 74.962 ng
 RT: 9.08 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF109151.D
 Acq: 19 Sep 2018 18:42

Tgt Ion:	172	Resp:	907708
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.7	44.5
170	24.0	19.6	29.4





#45

1,1'-Biphenyl

Concen: 37.724 ng

RT: 9.18 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF109151.D

Acq: 19 Sep 2018 18:42

Instrument :

BNA_F

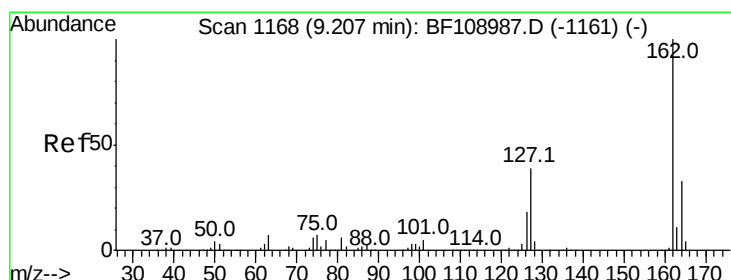
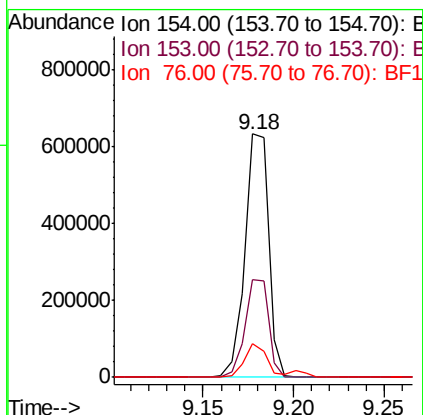
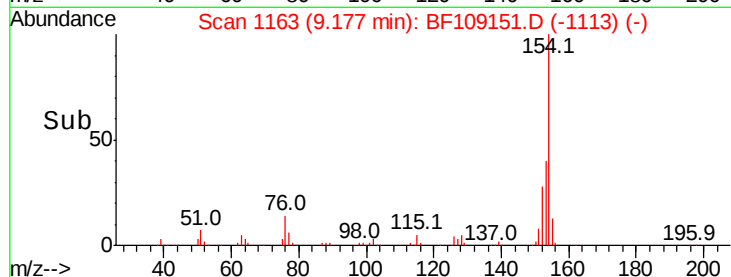
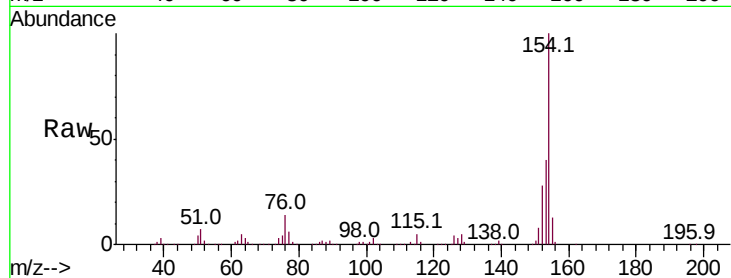
ClientSampleId :

SAMPLE-01MSD

Tot Ion:	154	Resp:	572574
Ion Ratio	Lower	Upper	
154	100		
153	40.1	21.3	61.3
76	13.9	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 35.650 ng

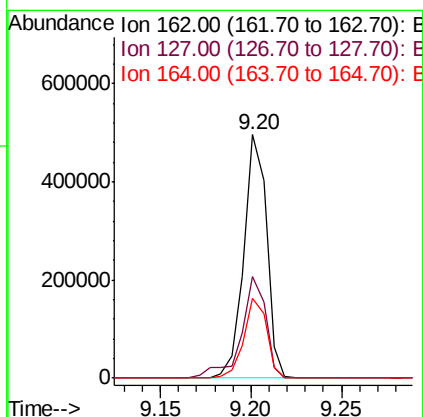
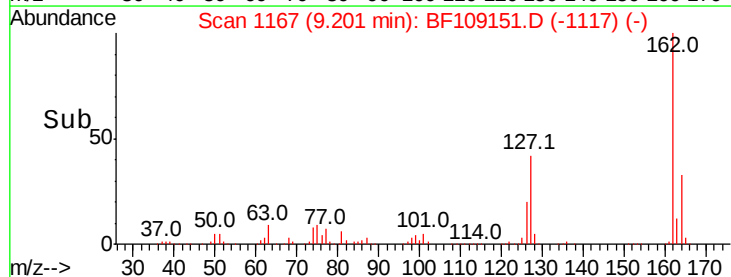
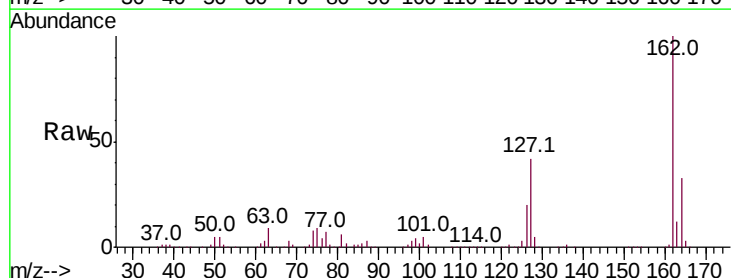
RT: 9.20 min Scan# 1167

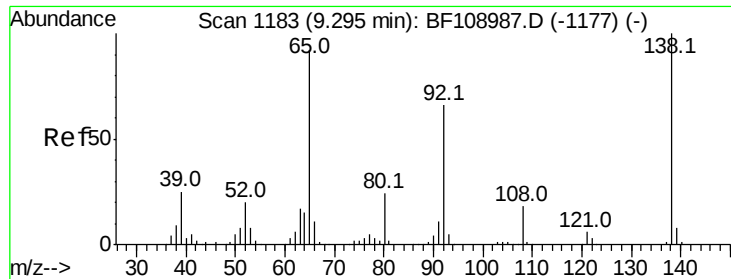
Delta R.T. -0.01 min

Lab File: BF109151.D

Acq: 19 Sep 2018 18:42

Tgt Ion:	162	Resp:	433341
Ion Ratio	Lower	Upper	
162	100		
127	41.7	33.9	50.9
164	32.8	26.5	39.7





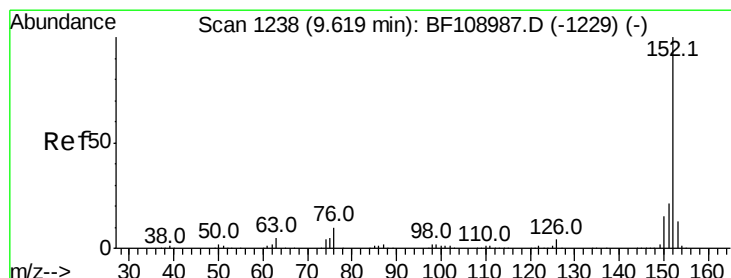
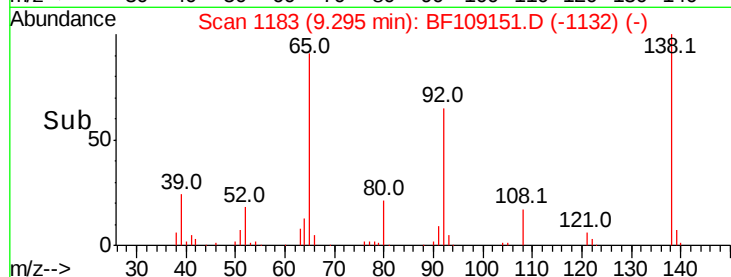
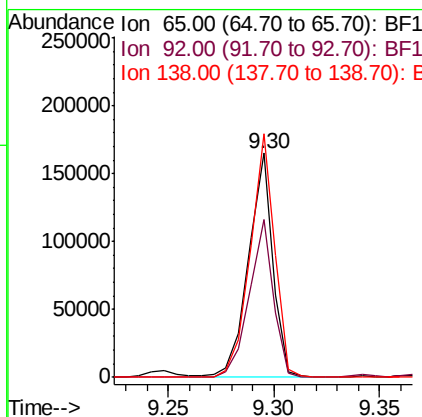
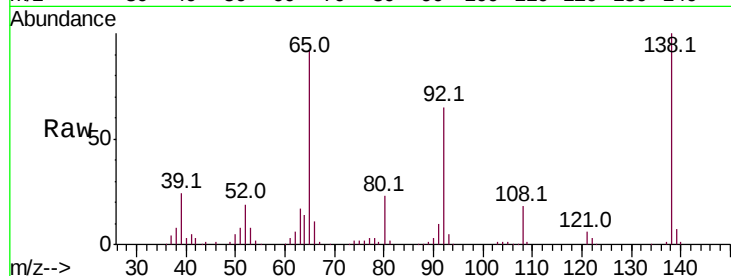
#47
 2-Nitroaniline
 Concen: 35.331 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF109151.D
 Acq: 19 Sep 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-01MSD

Tot Ion:	65	Resp:	132029
Ion Ratio	Lower	Upper	
65	100		
92	70.4	55.8	83.6
138	108.5	91.2	136.8

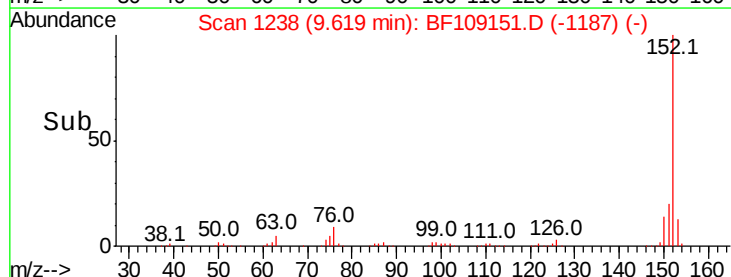
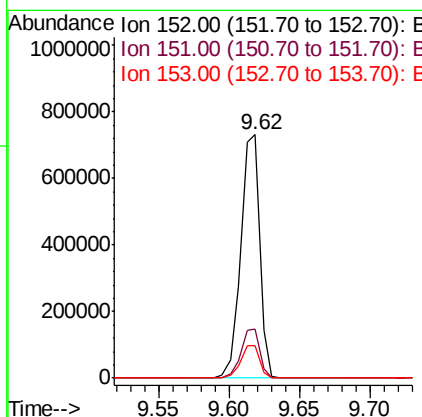
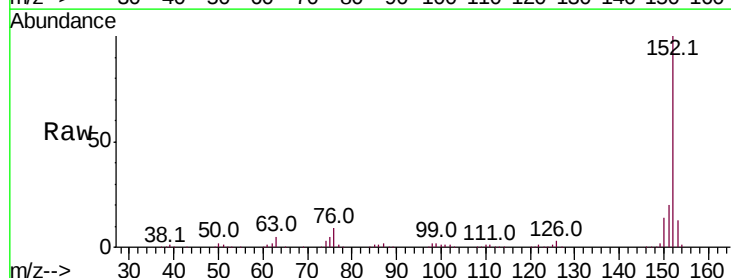
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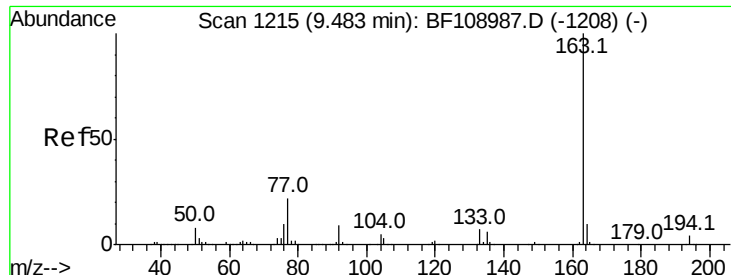
Sohil
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#48
 Acenaphthylene
 Concen: 37.224 ng
 RT: 9.62 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BF109151.D
 Acq: 19 Sep 2018 18:42

Tgt Ion:	152	Resp:	682211
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.3	24.5
153	13.1	10.7	16.1





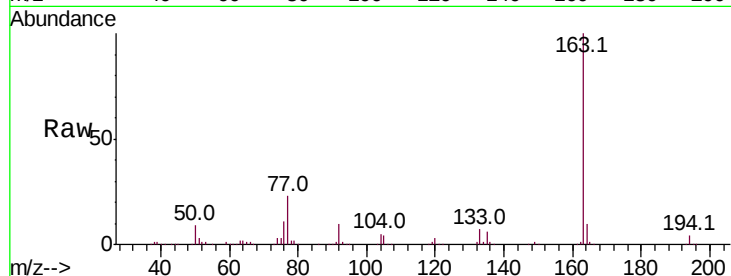
#49
Dimethylphthalate
Concen: 46.947 ng
RT: 9.48 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Instrument :
BNA_F
ClientSampleId :
SAMPLE-01MSD

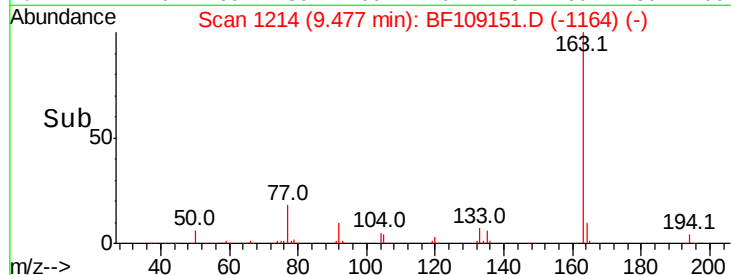
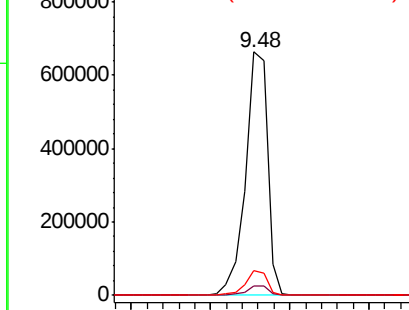
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	2.7	4.1	
164	10.3	8.2	12.2	

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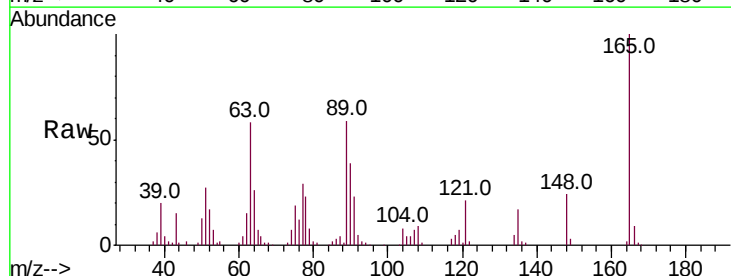
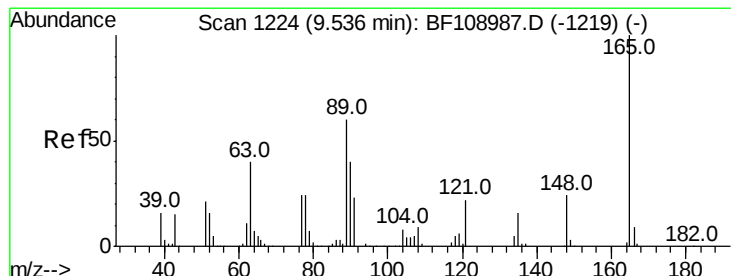
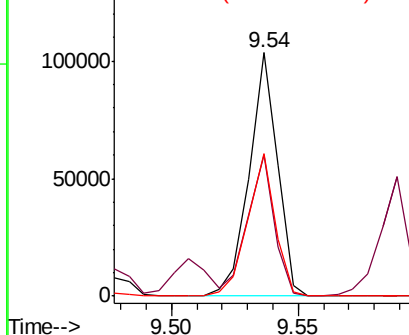
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

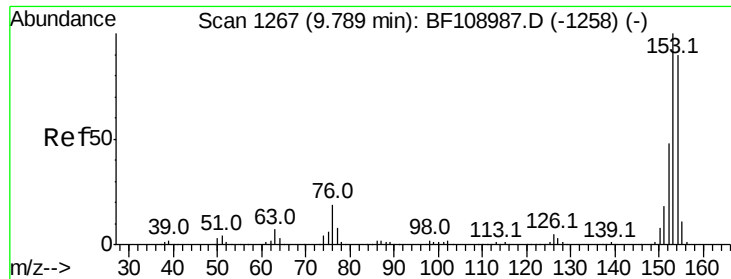


#50
2,6-Dinitrotoluene
Concen: 26.834 ng
RT: 9.54 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.2	44.7	67.1	
89	58.7	44.0	66.0	

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





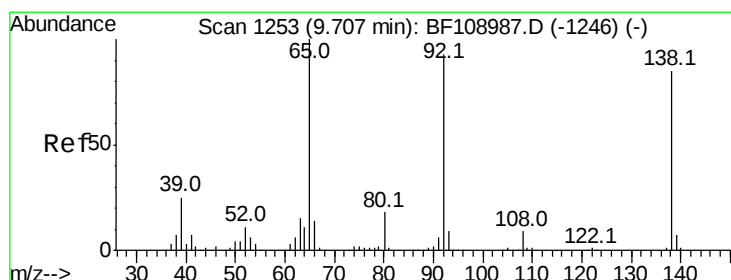
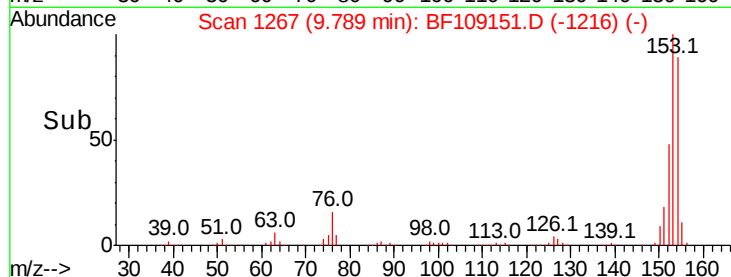
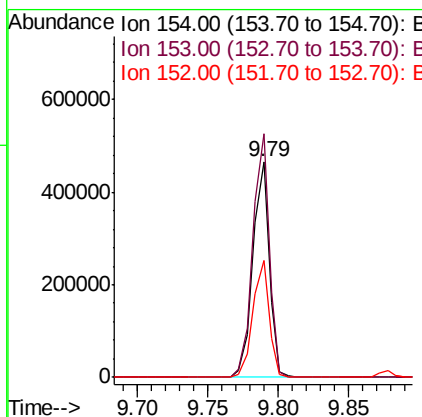
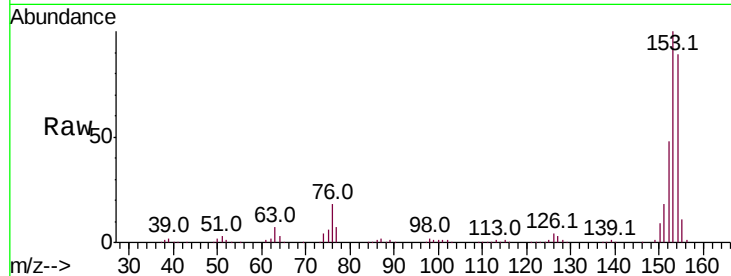
#51
Acenaphthene
Concen: 33.838 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Instrument :
BNA_F
ClientSampleId :
SAMPLE-01MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.9	91.2	136.8
152	54.0	43.8	65.8

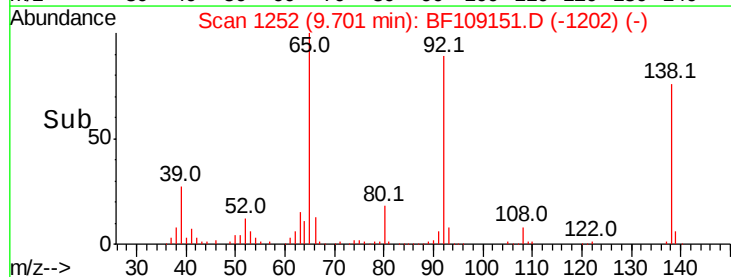
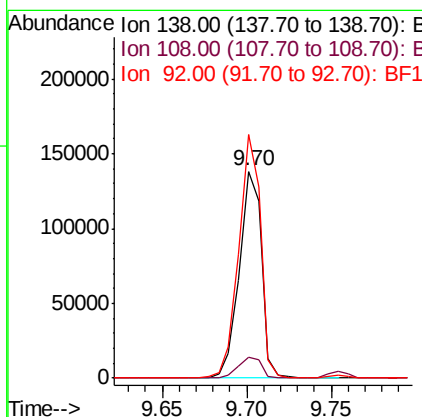
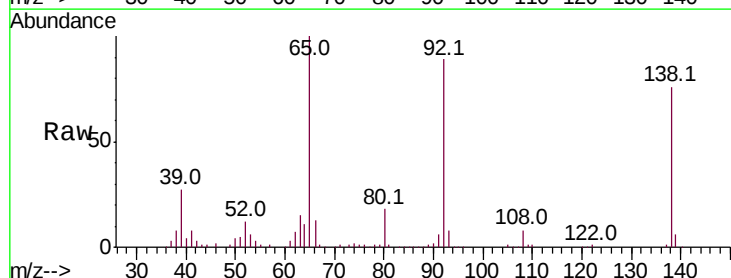
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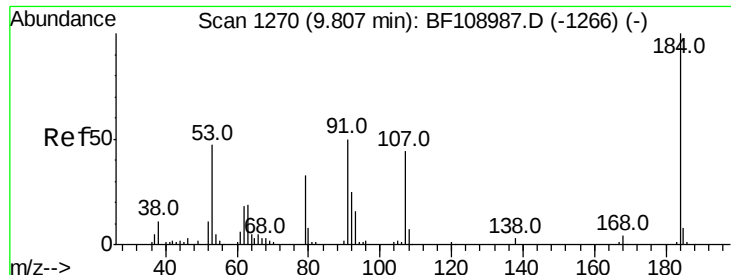
Sohil
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#52
3-Nitroaniline
Concen: 35.741 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.4	14.0
92	117.7	89.4	134.2





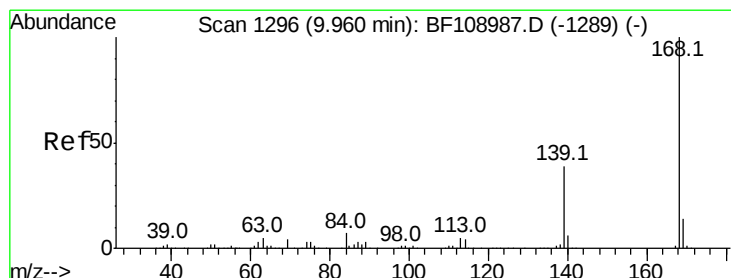
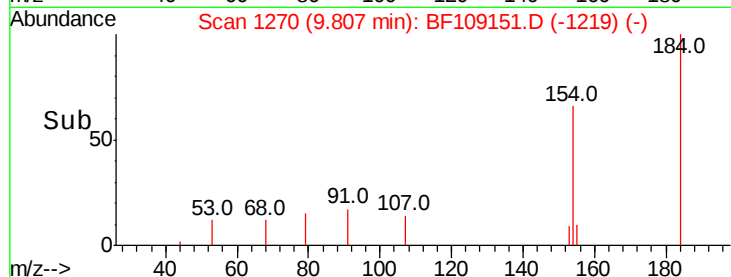
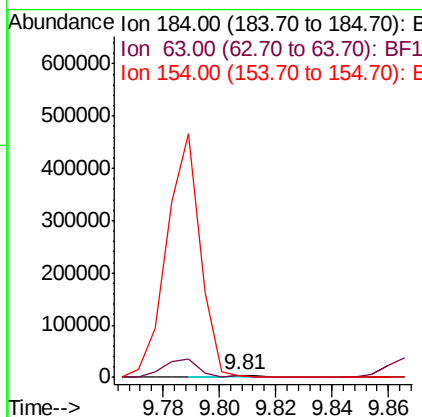
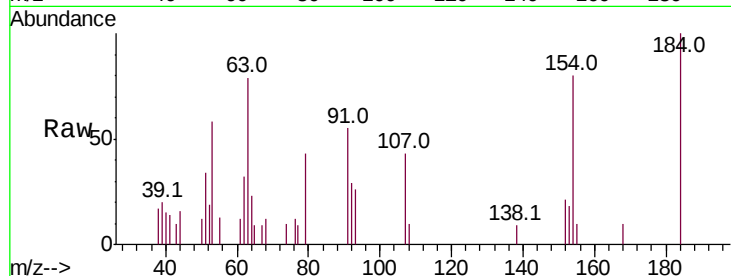
#53
 2,4-Dinitrophenol
 Concen: 2.673 ng
 RT: 9.81 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BF109151.D
 Acq: 19 Sep 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-01MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	79.3	54.2	81.2
154	79.8	184.0	276.0#

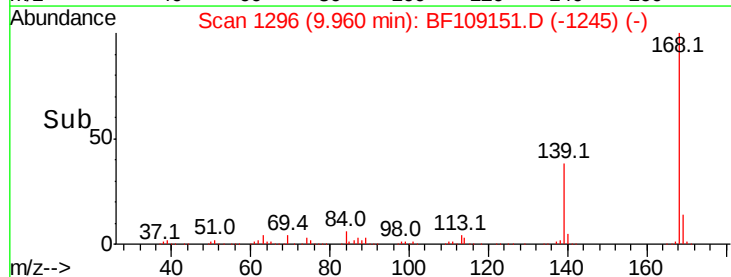
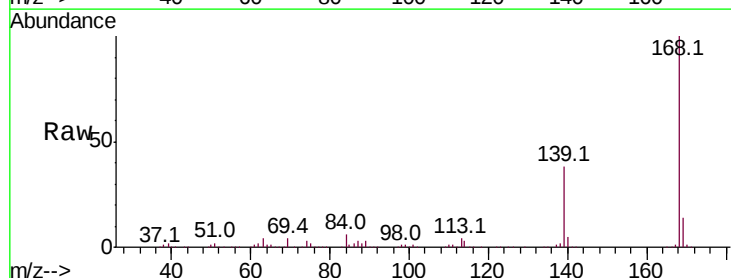
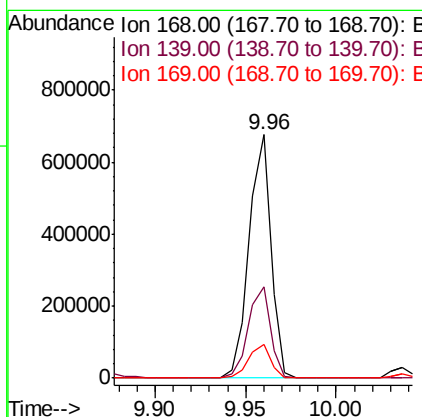
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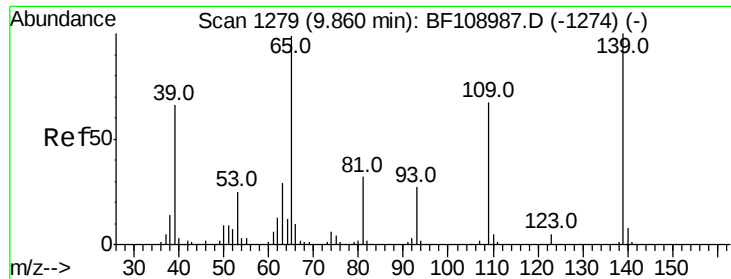
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#54
 Dibenzofuran
 Concen: 34.573 ng
 RT: 9.96 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF109151.D
 Acq: 19 Sep 2018 18:42

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.1	45.1
169	14.0	10.9	16.3





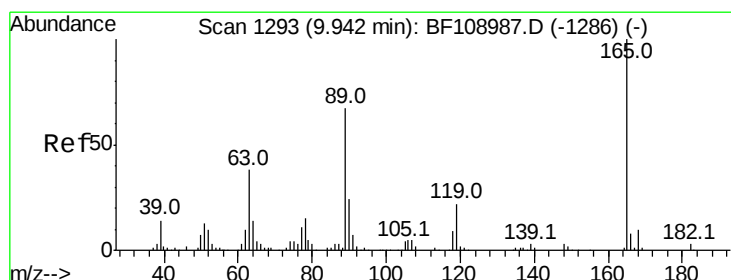
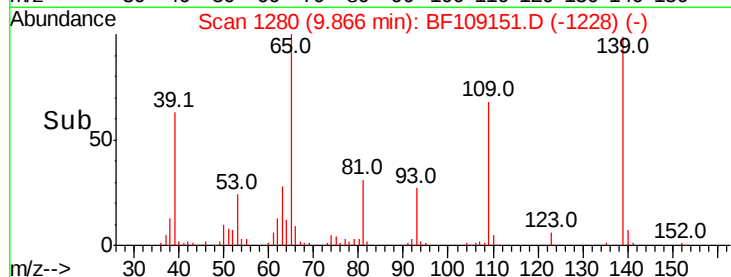
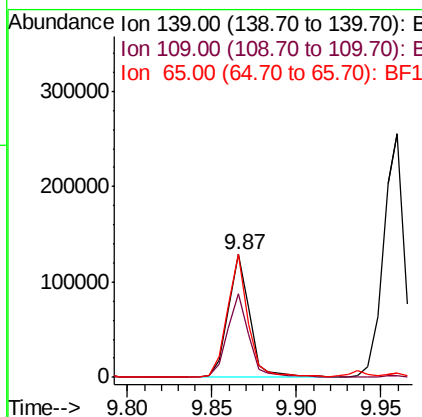
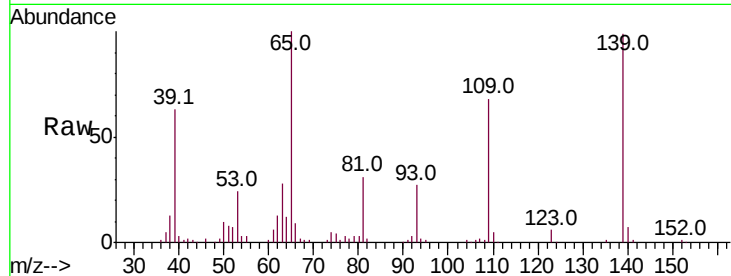
#55
4-Nitrophenol
Concen: 43.598 ng
RT: 9.87 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Instrument :
BNA_F
ClientSampleId :
SAMPLE-01MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	68.1	48.4	88.4
65	100.6	72.6	112.6

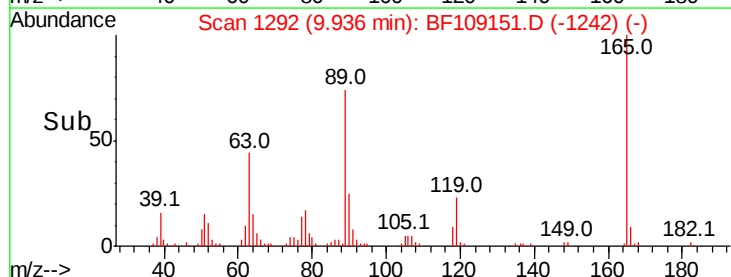
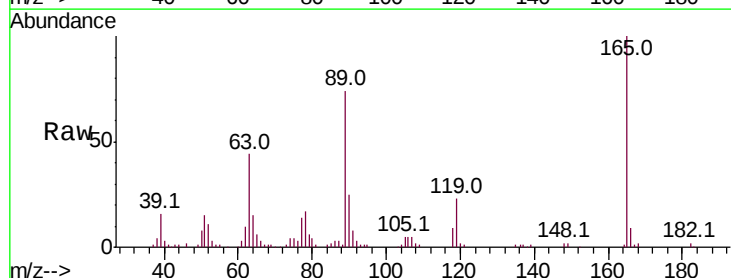
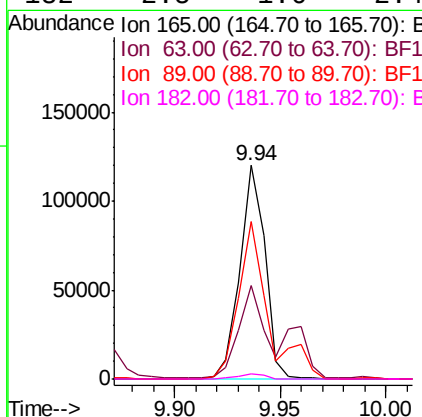
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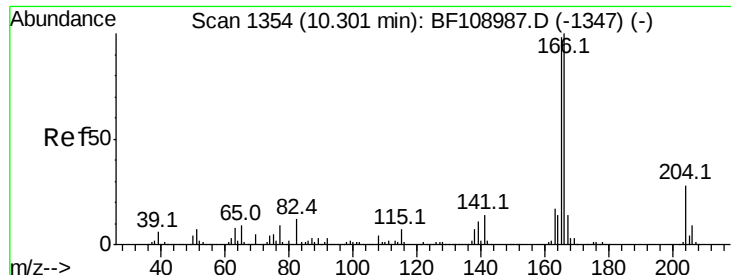
Sohil
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#56
2,4-Dinitrotoluene
Concen: 25.024 ng
RT: 9.94 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.8	36.4	54.6
89	74.0	57.8	86.6
182	2.5	1.6	2.4





#57

Fluorene

Concen: 37.399 ng

RT: 10.30 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BF109151.D

Acq: 19 Sep 2018 18:42

Instrument :

BNA_F

ClientSampleId :

SAMPLE-01MSD

Tot Ion:166 Resp: 411008

Ion Ratio Lower Upper

166 100

165 99.5 79.8 119.8

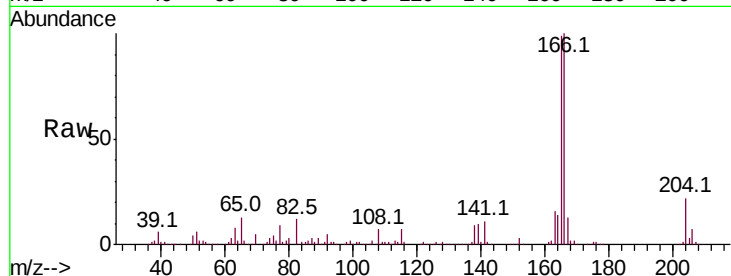
167 13.2 10.6 16.0

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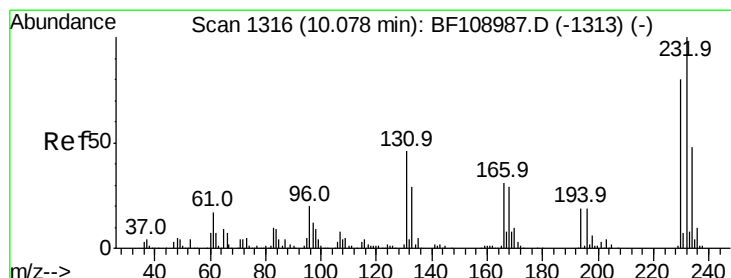
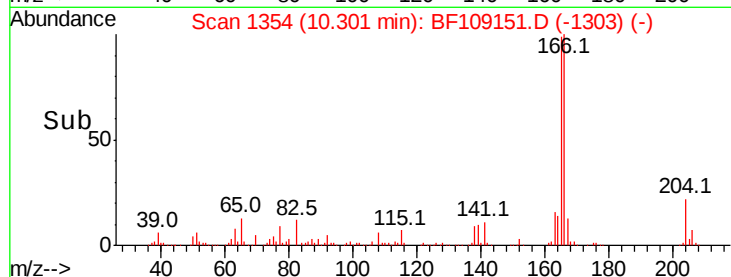
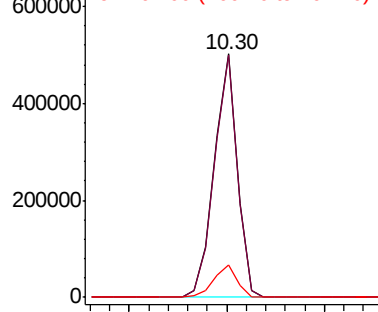


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 31.464 ng

RT: 10.08 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF109151.D

Acq: 19 Sep 2018 18:42

Tgt Ion:232 Resp: 109268

Ion Ratio Lower Upper

232 100

131 44.3 43.8 65.8

130 2.1 2.1 3.1

166 30.3 27.8 41.6

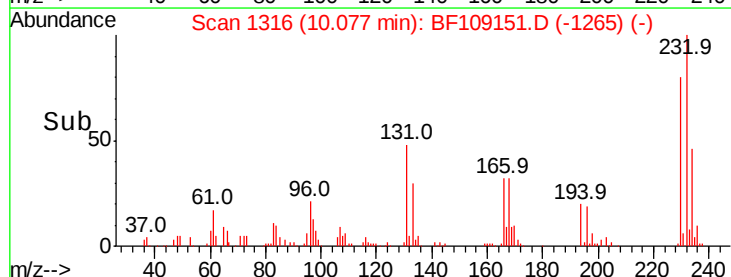
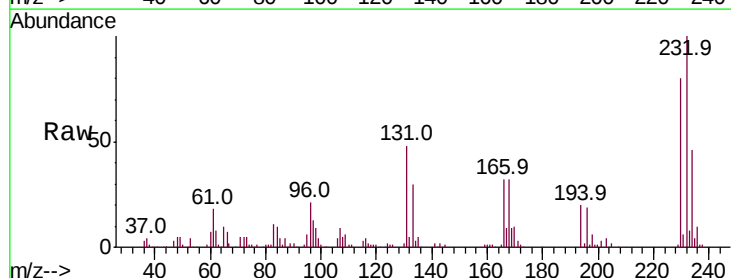
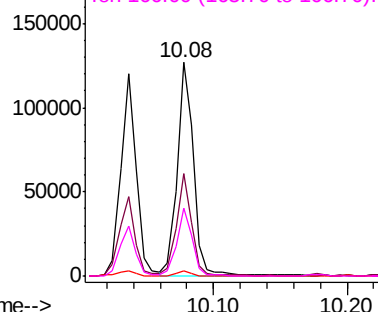
Abundance

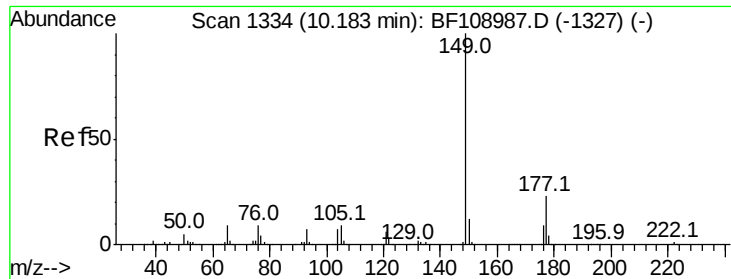
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





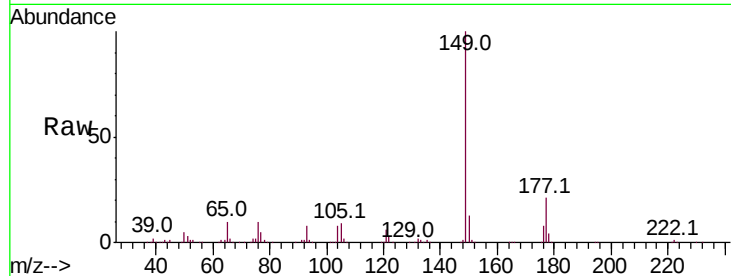
#59
Diethylphthalate
Concen: 35.604 ng
RT: 10.18 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Instrument :
BNA_F
ClientSampleId :
SAMPLE-01MSD

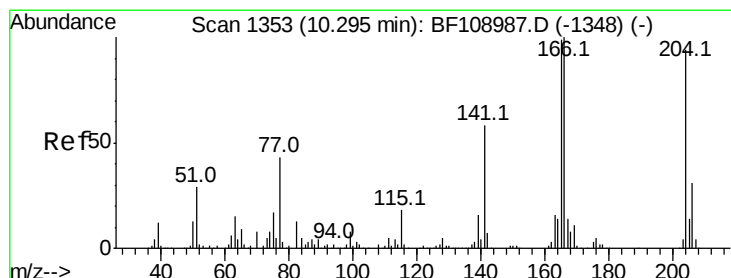
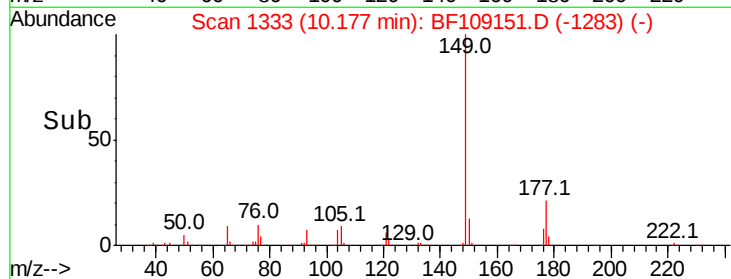
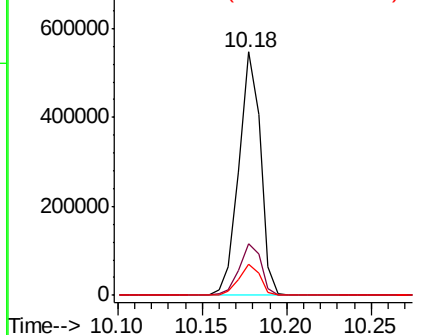
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.1	24.1
150	12.7	10.1	15.1

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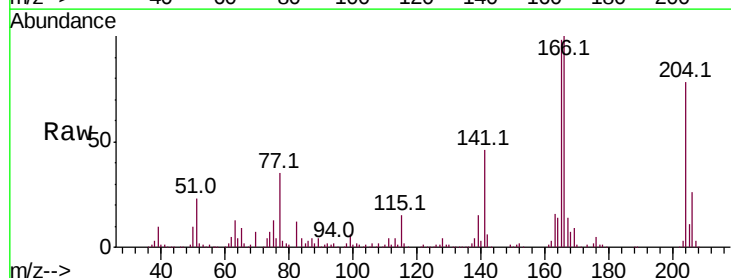


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

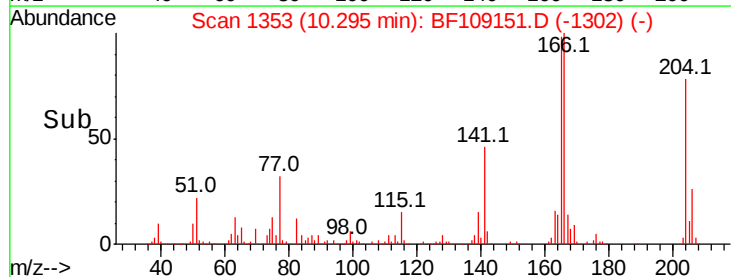
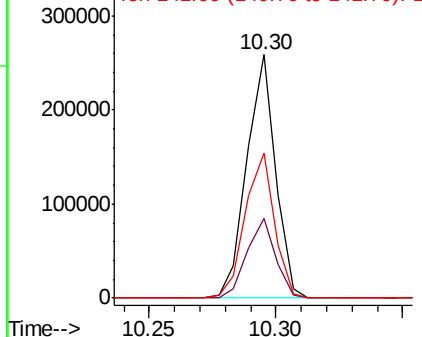


#60
4-Chlorophenyl-phenylether
Concen: 34.672 ng
RT: 10.30 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	59.7	54.6	81.8



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





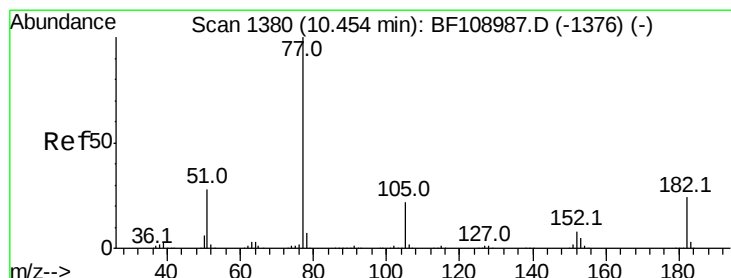
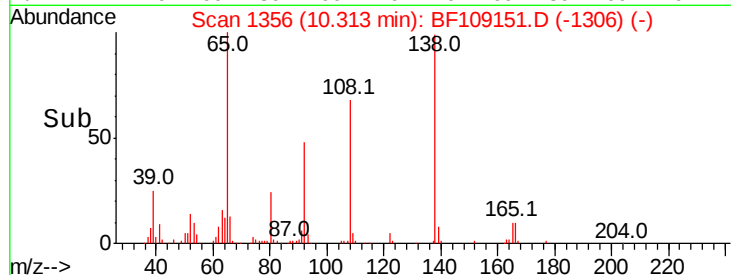
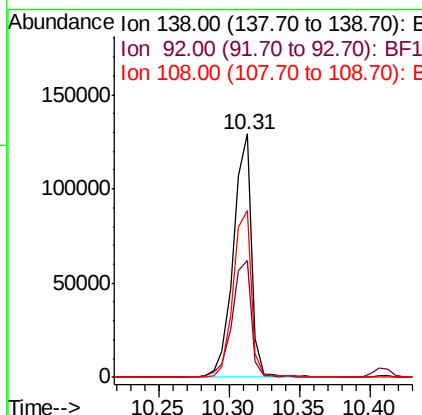
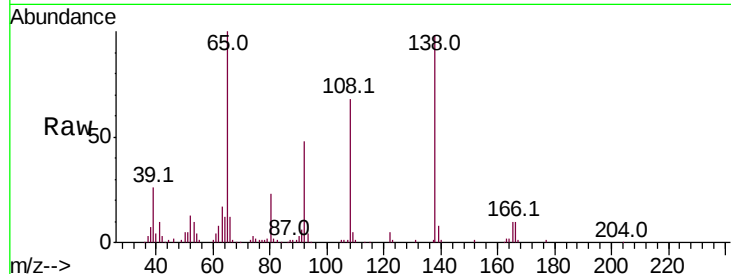
#61
4-Nitroaniline
Concen: 34.483 ng
RT: 10.31 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Instrument :
BNA_F
ClientSampleId :
SAMPLE-01MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.3	30.2	70.2
108	68.7	52.5	92.5

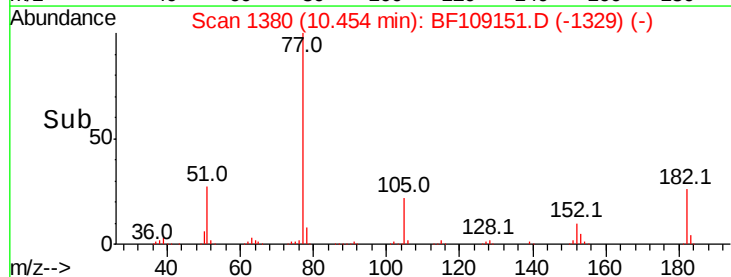
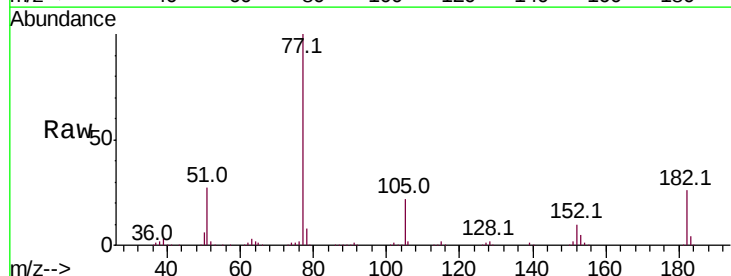
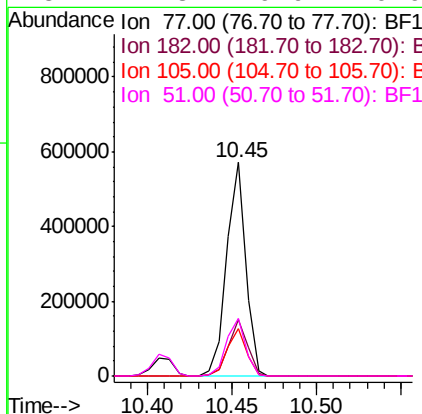
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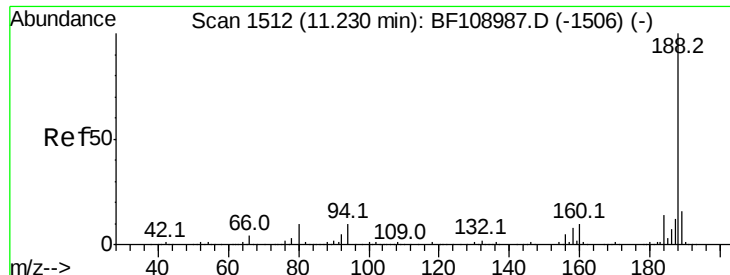
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#62
Azobenzene
Concen: 32.048 ng
RT: 10.45 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.3	1.7	41.7
105	22.2	3.0	43.0
51	27.3	9.9	49.9





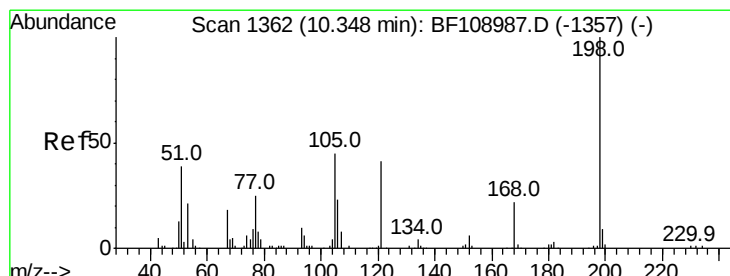
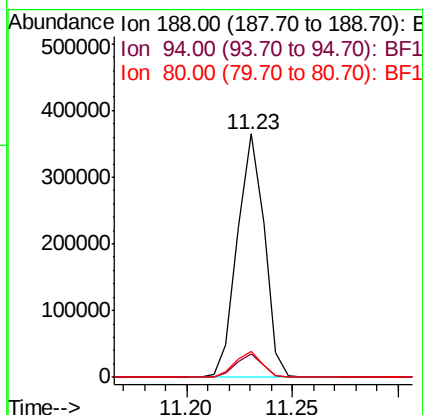
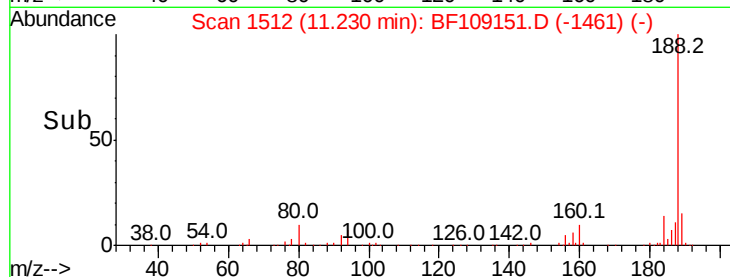
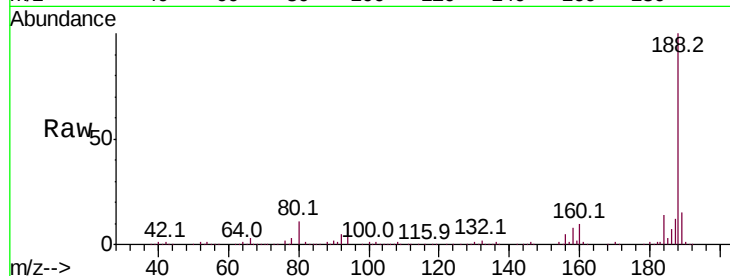
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Instrument :
BNA_F
ClientSampleId :
SAMPLE-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	323769		
94	9.4		8.5	12.7
80	10.6		9.2	13.8

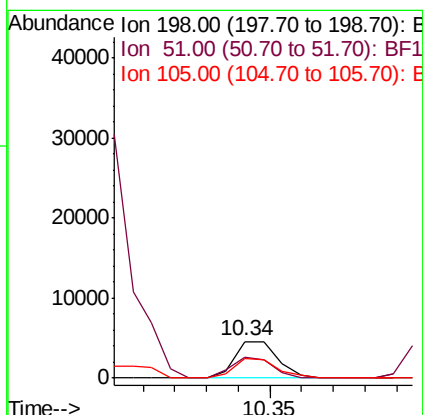
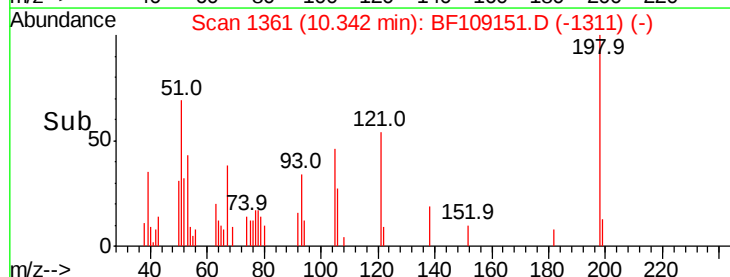
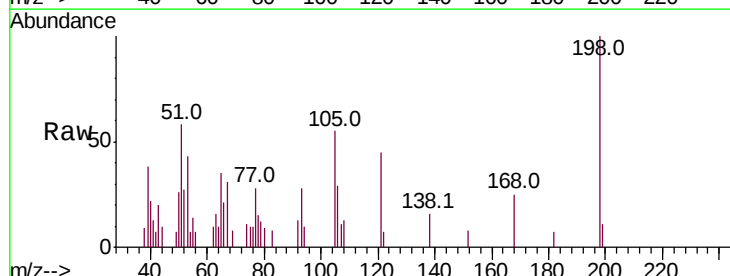
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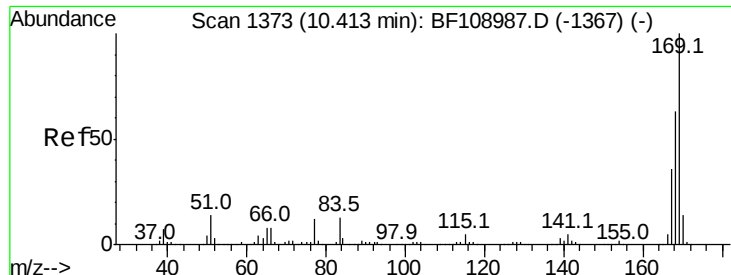
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#64
4,6-Dinitro-2-methylphenol
Concen: 2.773 ng
RT: 10.34 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	4295		
51	58.1		37.7	77.7
105	54.5		36.3	76.3





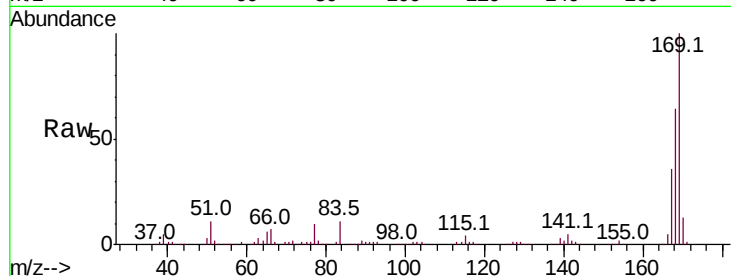
#65
n-Nitrosodiphenylamine
Concen: 36.880 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Instrument :
BNA_F
ClientSampleId :
SAMPLE-01MSD

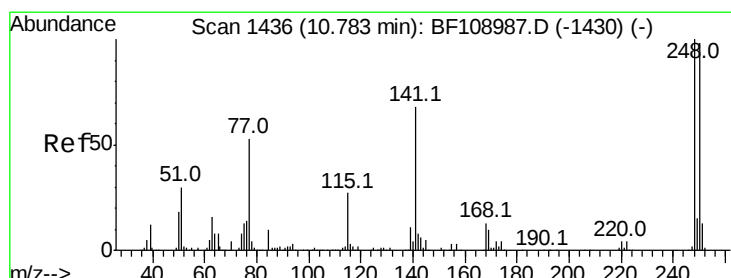
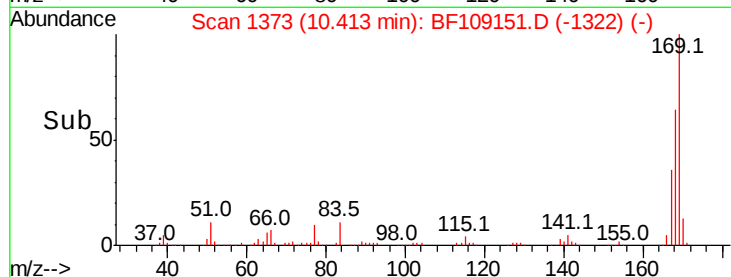
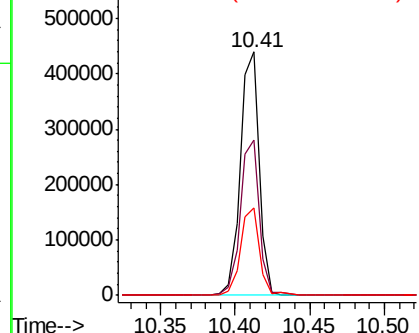
Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	63.7	54.4	81.6	
167	35.8	29.8	44.6	

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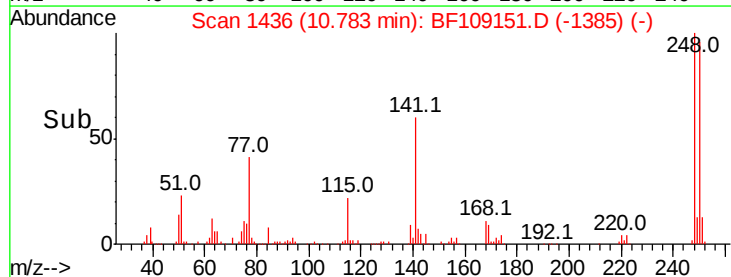
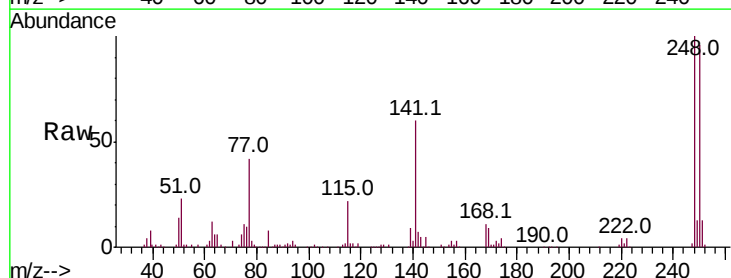
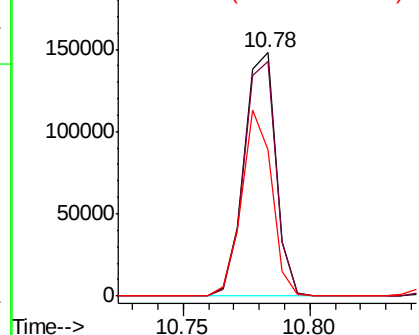
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 35.572 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.3	76.9	115.3	
141	60.0	74.4	111.6	

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





#67

Hexachlorobenzene

Concen: 33.870 ng

RT: 10.85 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF109151.D

Acq: 19 Sep 2018 18:42

Instrument :

BNA_F

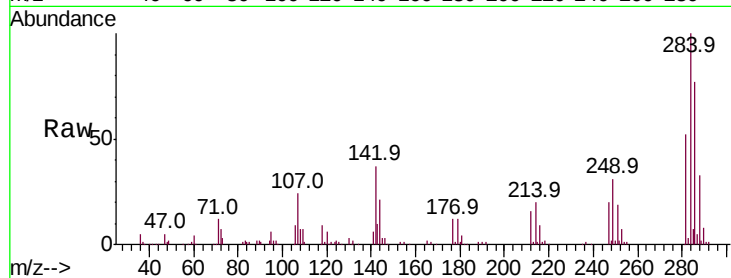
ClientSampleId :

SAMPLE-01MSD

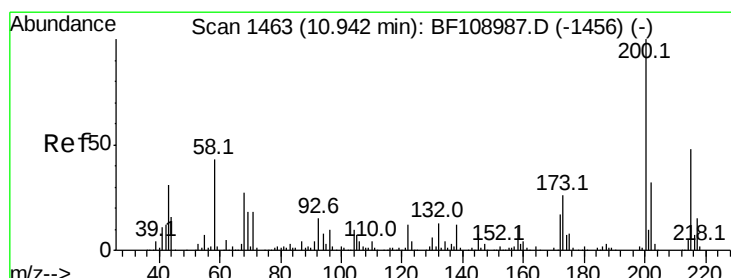
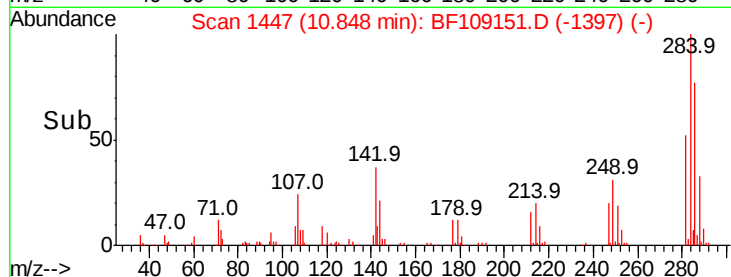
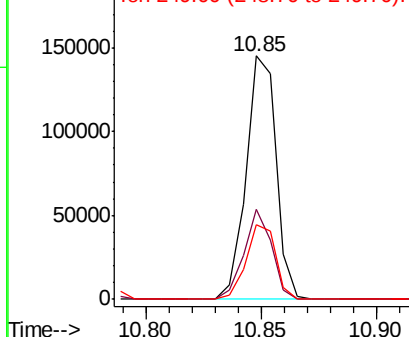
Tot Ion:	284	Resp:	132237
Ion Ratio	Lower	Upper	
284	100		
142	36.9	34.6	52.0
249	30.7	24.8	37.2

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



#68

Atrazine

Concen: 35.401 ng

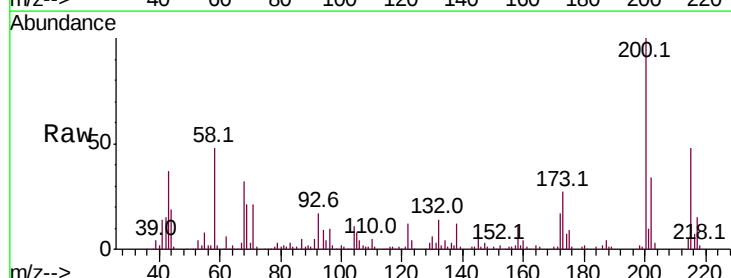
RT: 10.94 min Scan# 1462

Delta R.T. -0.01 min

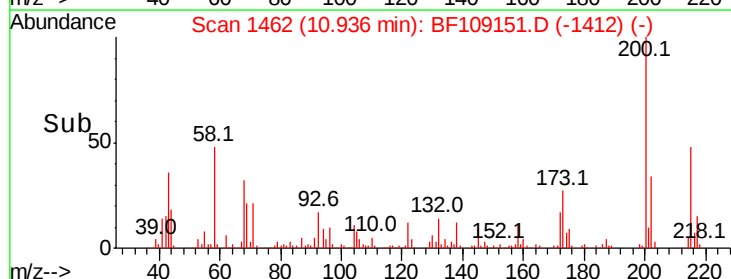
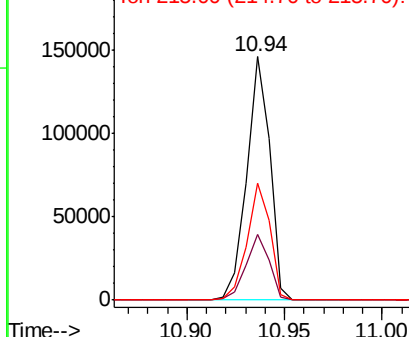
Lab File: BF109151.D

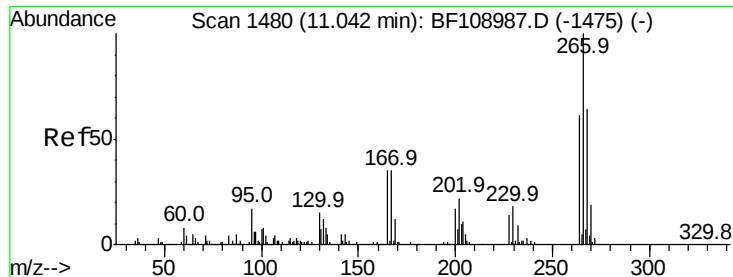
Acq: 19 Sep 2018 18:42

Tgt Ion:	200	Resp:	120019
Ion Ratio	Lower	Upper	
200	100		
173	27.1	8.6	48.6
215	48.3	25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





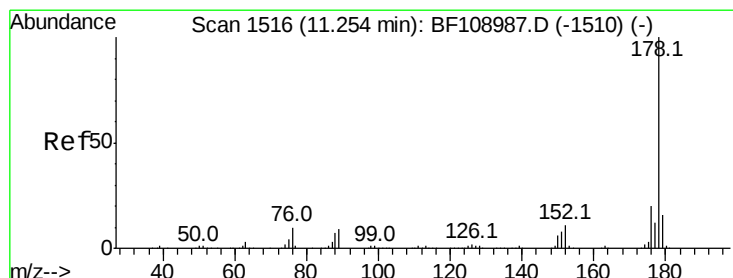
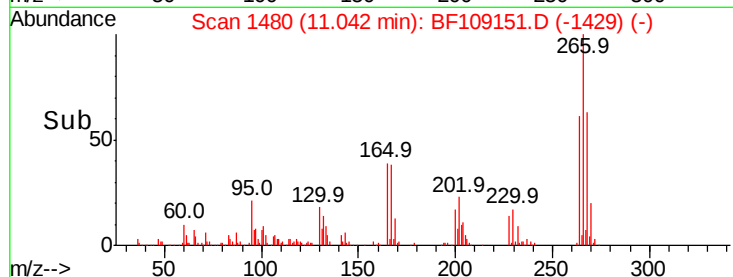
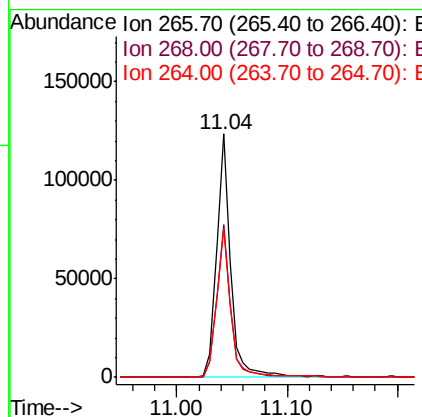
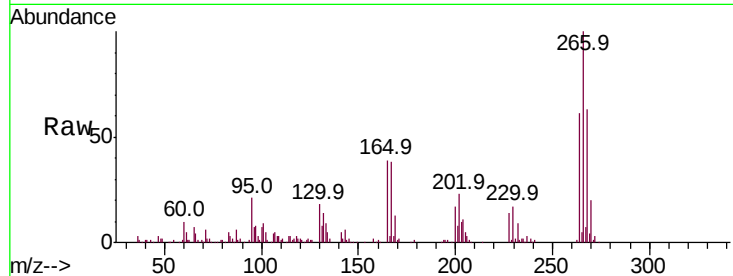
#69
 Pentachlorophenol
 Concen: 43.634 ng
 RT: 11.04 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BF109151.D
 Acq: 19 Sep 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	108994		
268	62.6		51.1	76.7
264	61.4		49.5	74.3

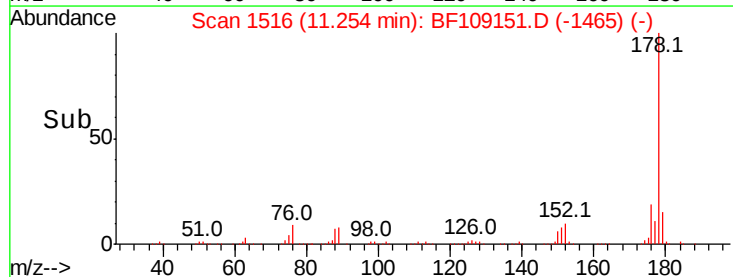
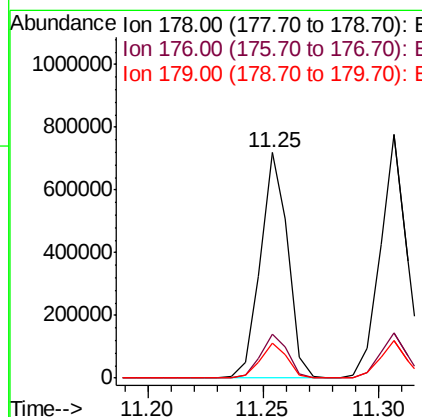
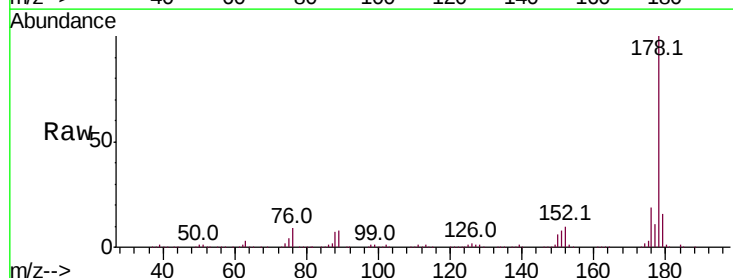
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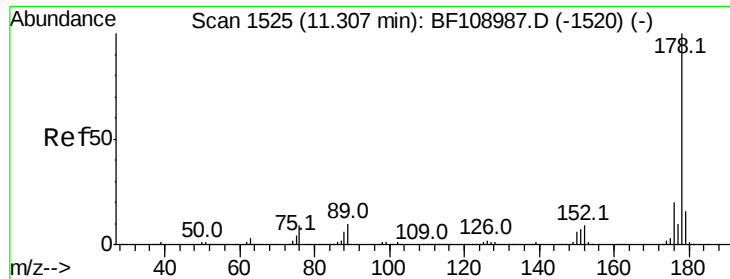
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#70
 Phenanthrene
 Concen: 37.335 ng
 RT: 11.25 min Scan# 1516
 Delta R.T. -0.00 min
 Lab File: BF109151.D
 Acq: 19 Sep 2018 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	592547		
176	19.3		15.8	23.8
179	15.6		13.0	19.6





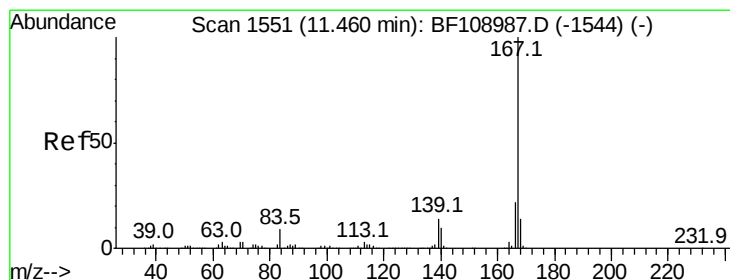
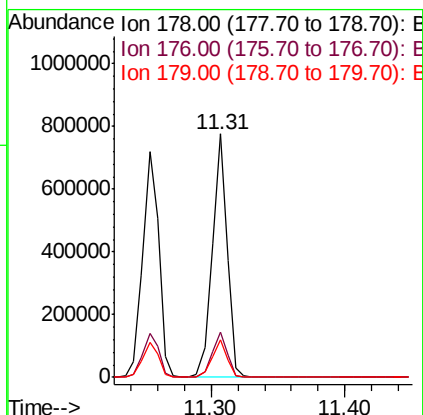
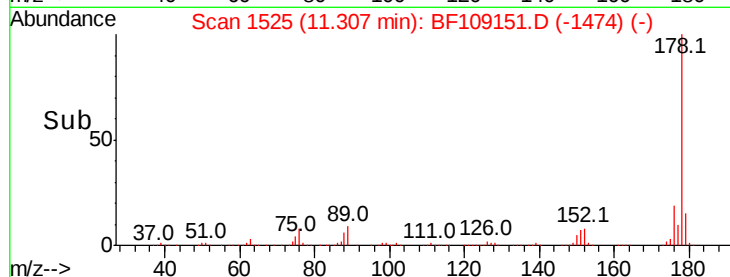
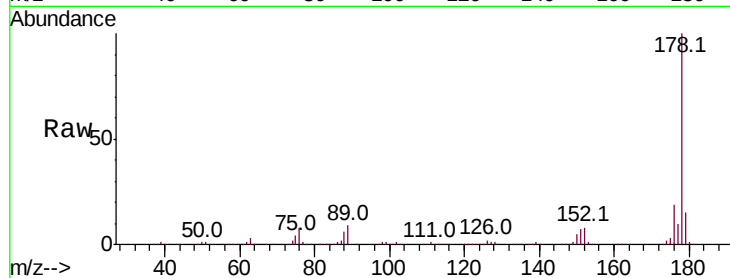
#71
 Anthracene
 Concen: 37.740 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. -0.00 min
 Lab File: BF109151.D
 Acq: 19 Sep 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-01MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.3	12.6	19.0

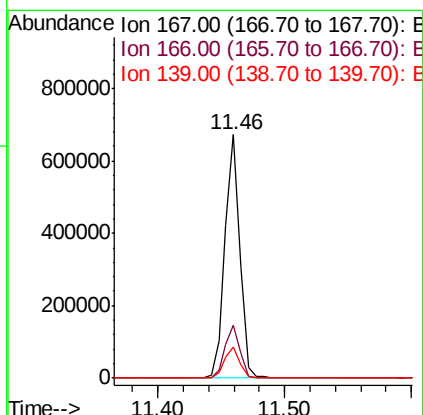
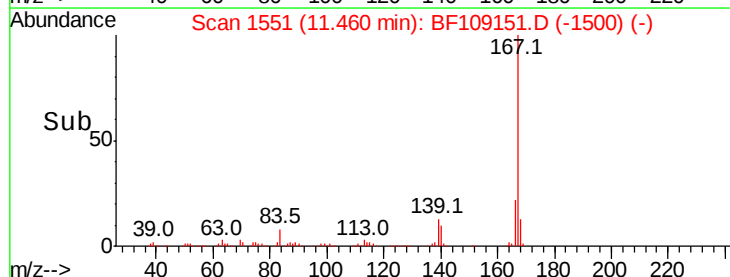
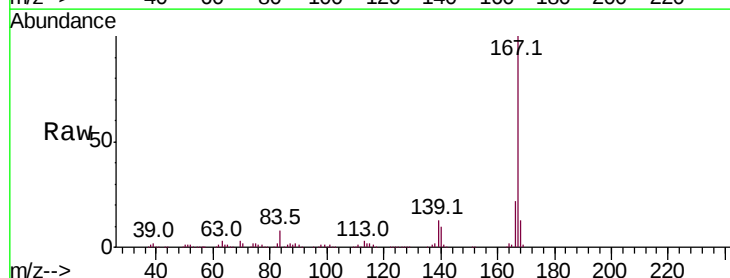
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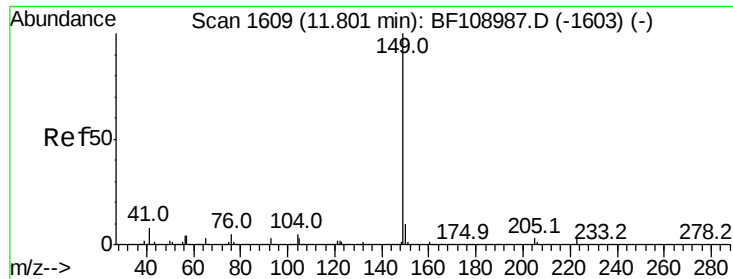
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#72
 Carbazole
 Concen: 34.551 ng
 RT: 11.46 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF109151.D
 Acq: 19 Sep 2018 18:42

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	12.9	10.9	16.3





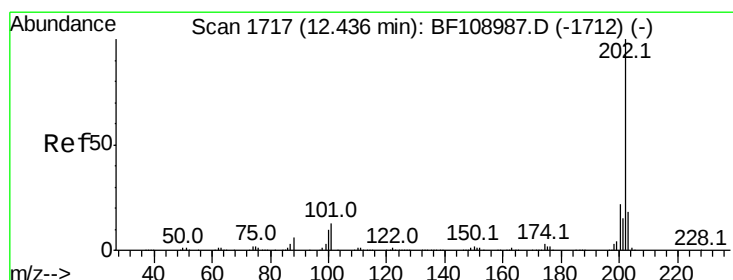
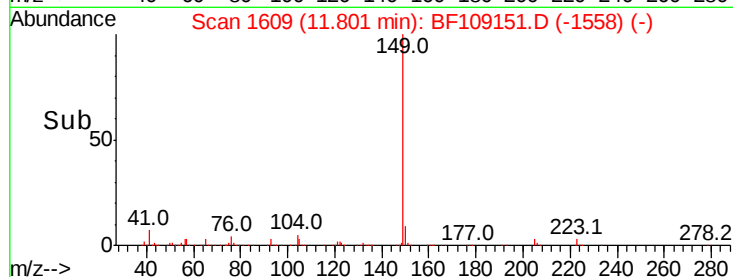
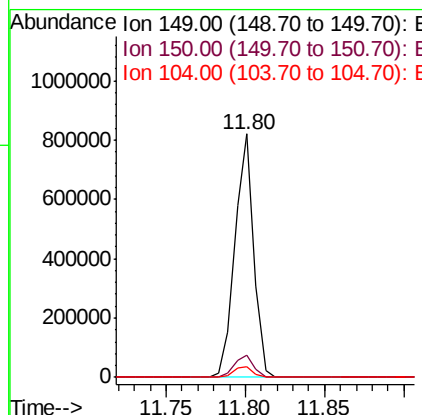
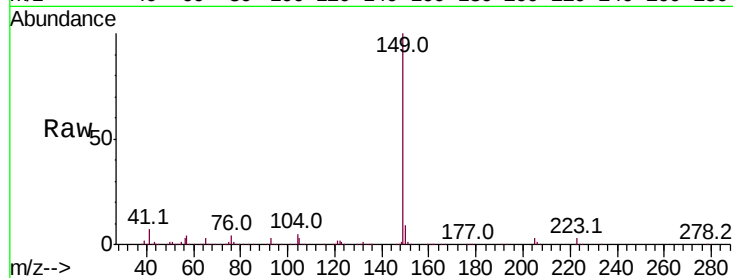
#73
Di-n-butylphthalate
Concen: 36.076 ng
RT: 11.80 min Scan# 1609
Delta R.T. -0.00 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Instrument :
BNA_F
ClientSampleId :
SAMPLE-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	672562		
150	9.1	7.8	11.6	
104	4.6	3.8	5.8	

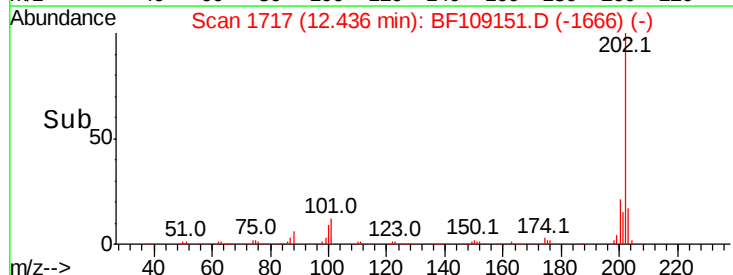
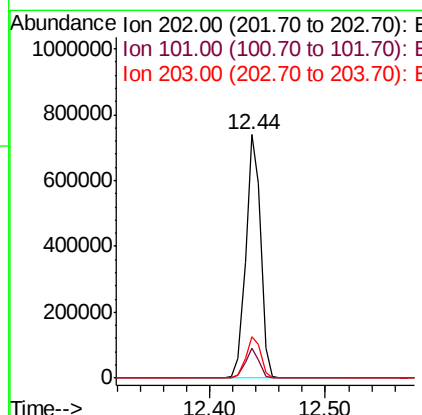
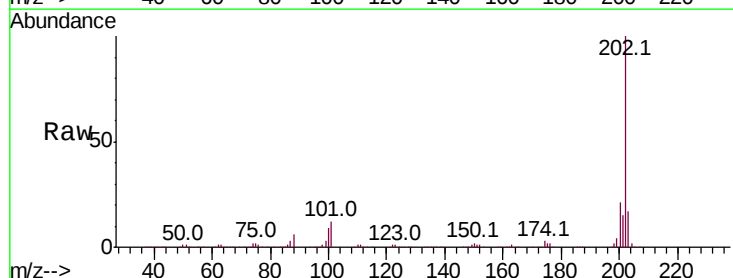
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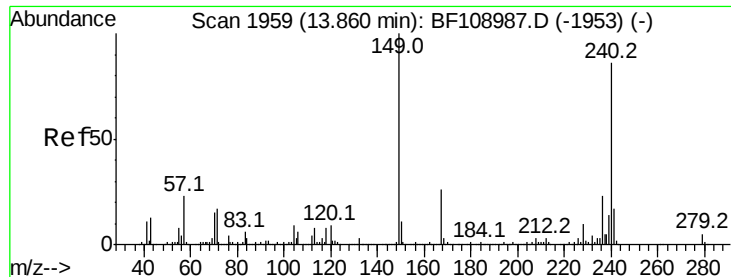
Sohil
9/20/2018 10:06:48 AM



#74
Fluoranthene
Concen: 38.989 ng
RT: 12.44 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	653270		
101	12.1	0.0	34.1	
203	17.2	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BF109151.D

Acq: 19 Sep 2018 18:42

Instrument :

BNA_F

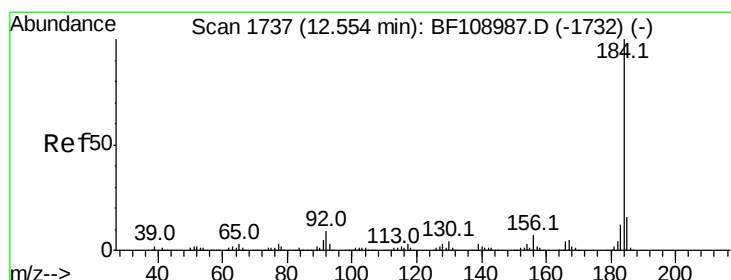
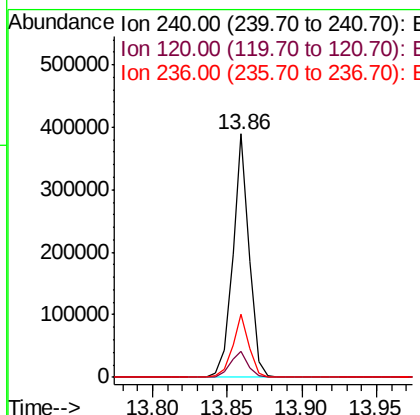
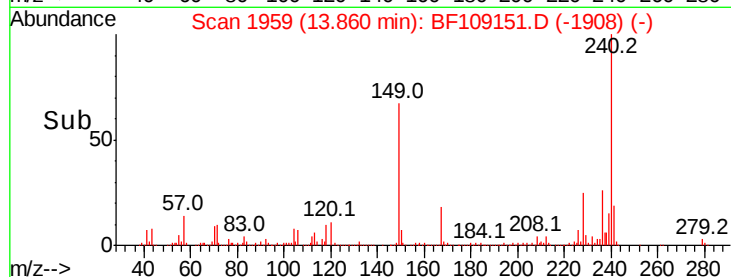
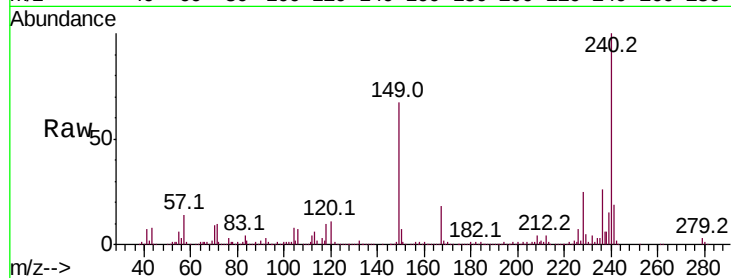
ClientSampleID :

SAMPLE-01MSD

Tot Ion:	240	Resp:	300999
Ion Ratio	Lower	Upper	
240	100		
120	10.7	9.5	14.3
236	25.8	20.7	31.1

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#76

Benzidine

Concen: 12.326 ng

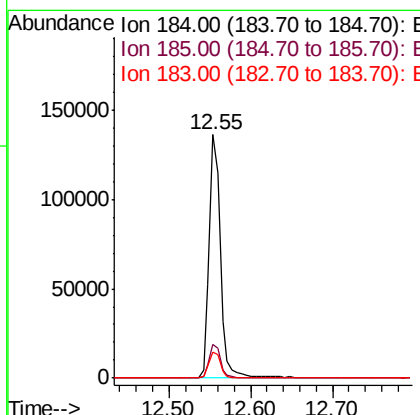
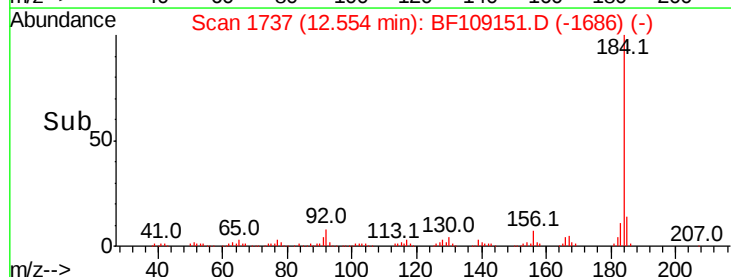
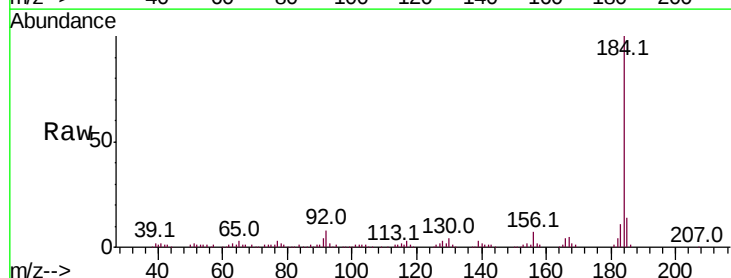
RT: 12.55 min Scan# 1737

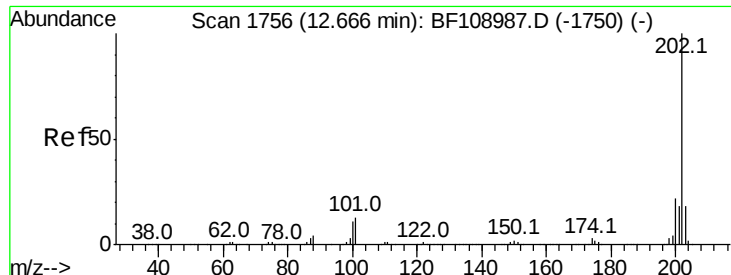
Delta R.T. 0.00 min

Lab File: BF109151.D

Acq: 19 Sep 2018 18:42

Tgt Ion:	184	Resp:	131336
Ion Ratio	Lower	Upper	
184	100		
185	14.0	12.6	18.8
183	10.8	9.3	13.9





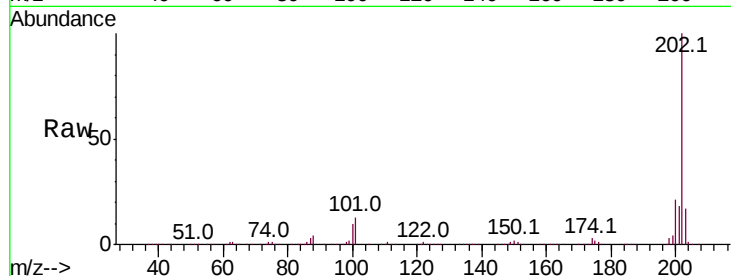
#77
Pvrene
Concen: 29.706 ng
RT: 12.67 min Scan# 1756
Delta R.T. -0.00 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Instrument :
BNA_F
ClientSampleId :
SAMPLE-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	664163		
200	21.3		17.4	26.2
203	17.3		14.3	21.5

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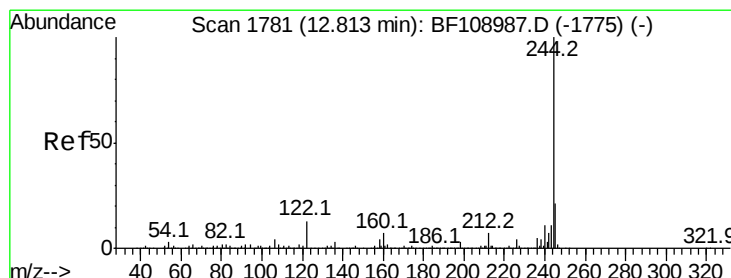
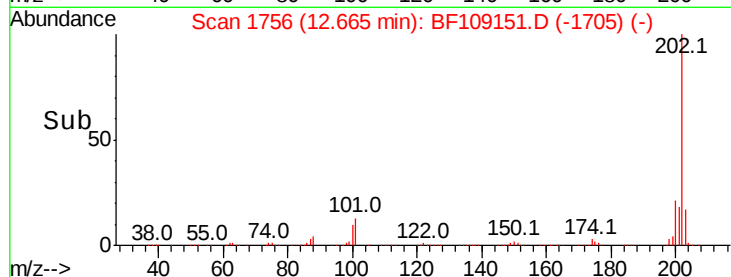
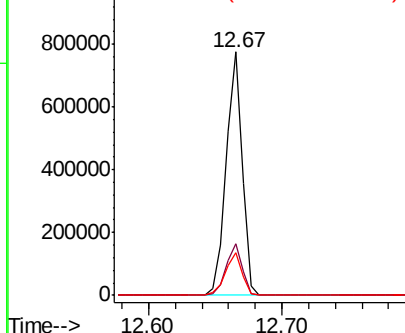


Abundance

Ion 202.00 (201.70 to 202.70): E

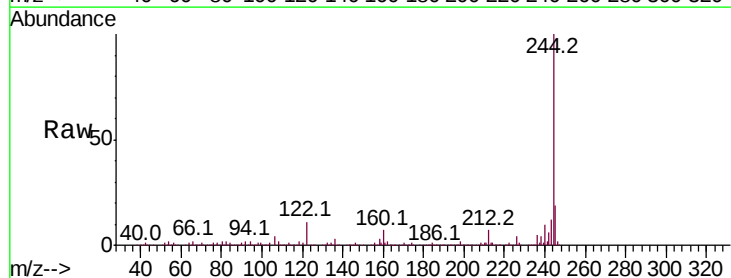
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 61.427 ng
RT: 12.81 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	780056		
212	7.0		5.4	8.0
122	11.0		11.0	16.4#

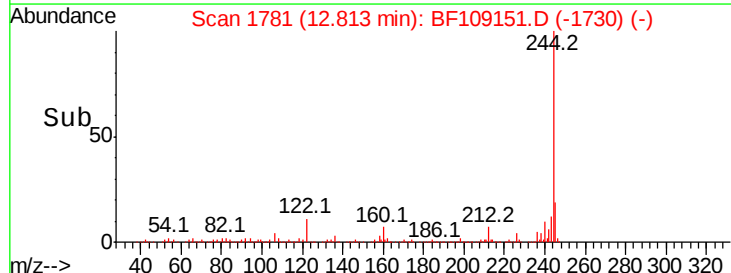
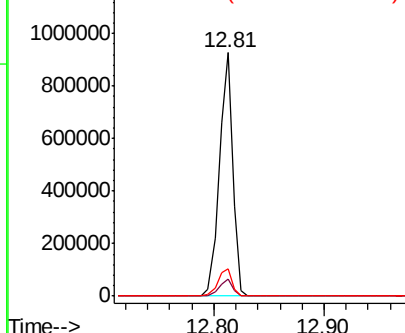


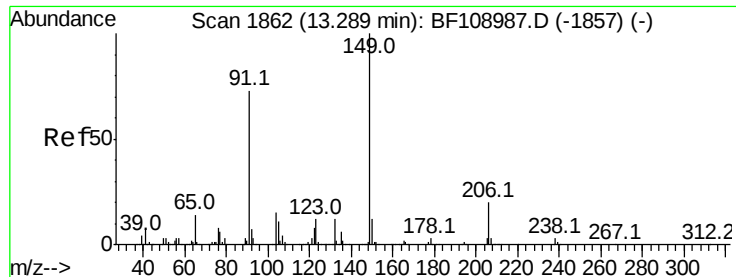
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





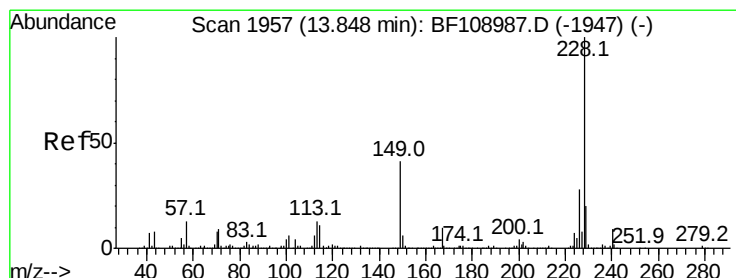
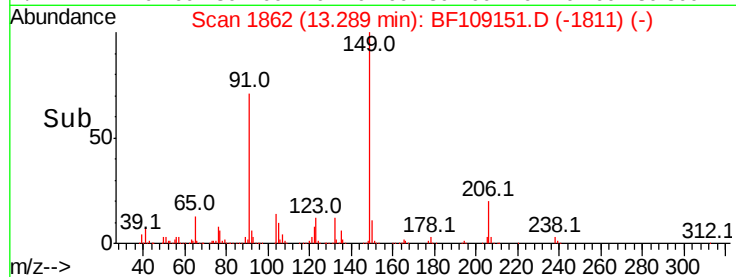
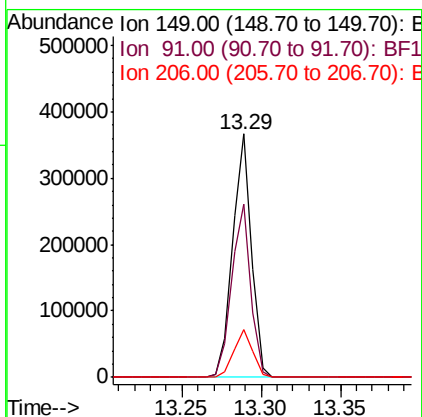
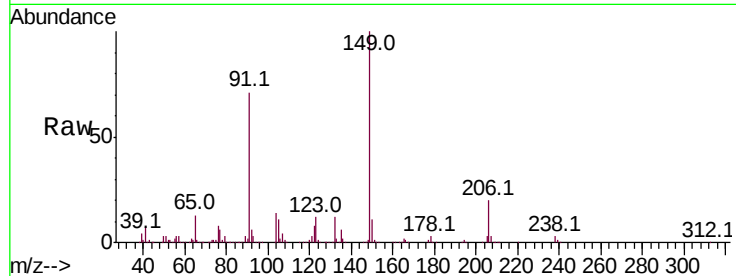
#79
Butylbenzylphthalate
Concen: 30.179 ng
RT: 13.29 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Instrument :
BNA_F
ClientSampleId :
SAMPLE-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	301368		
91	71.3	56.8	85.2	
206	19.7	14.1	21.1	

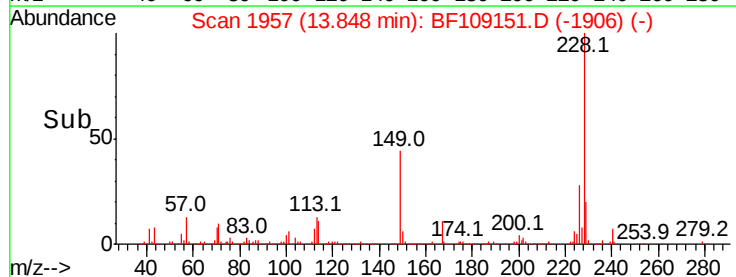
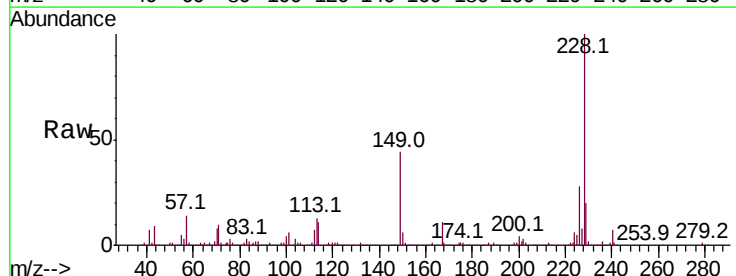
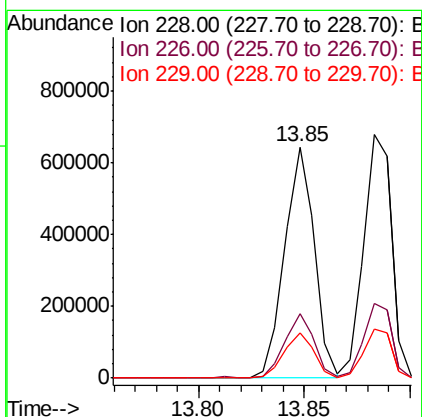
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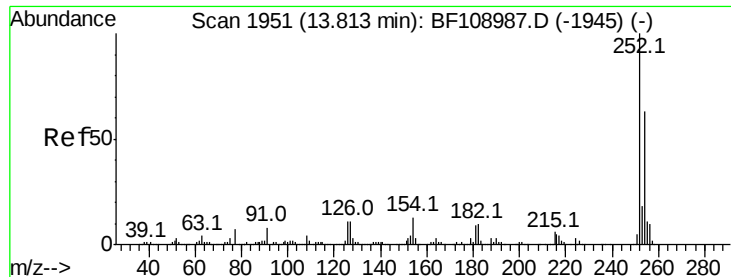
Sohil
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#80
Benzo(a)anthracene
Concen: 34.651 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	631469		
226	27.7	22.6	33.8	
229	19.8	15.8	23.6	





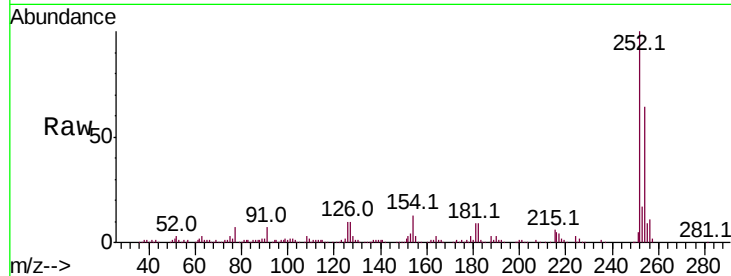
#81
 3,3'-Dichlorobenzidine
 Concen: 25.986 ng
 RT: 13.81 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BF109151.D
 Acq: 19 Sep 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-01MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.7	50.4	75.6
126	10.5	11.3	16.9

Manual Integrations
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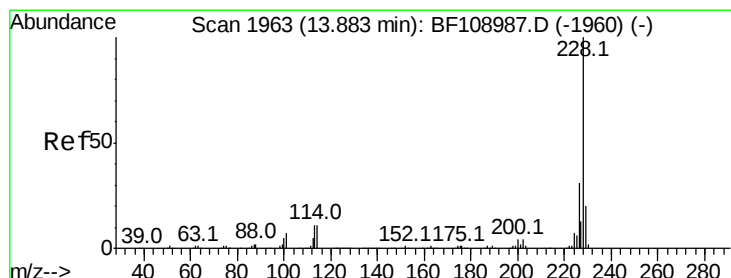
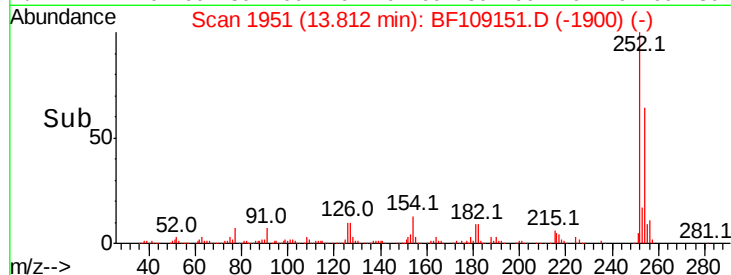
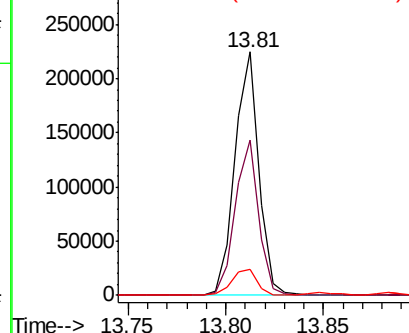


Abundance

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



#82
 Chrysene
 Concen: 34.392 ng
 RT: 13.88 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: BF109151.D
 Acq: 19 Sep 2018 18:42

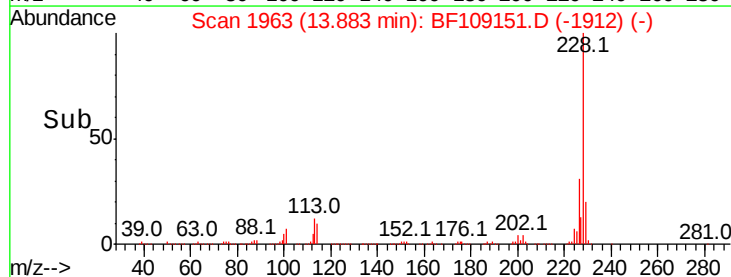
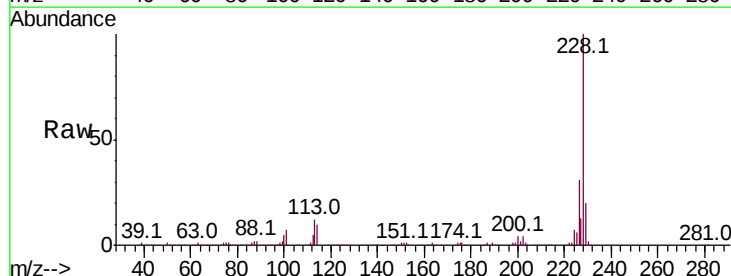
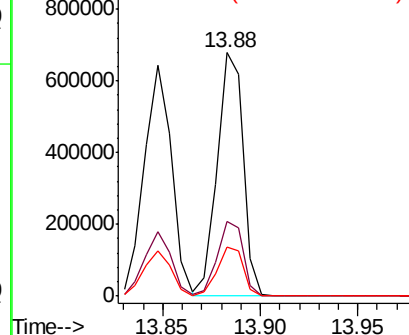
Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.5	25.0	37.6
229	20.1	16.2	24.4

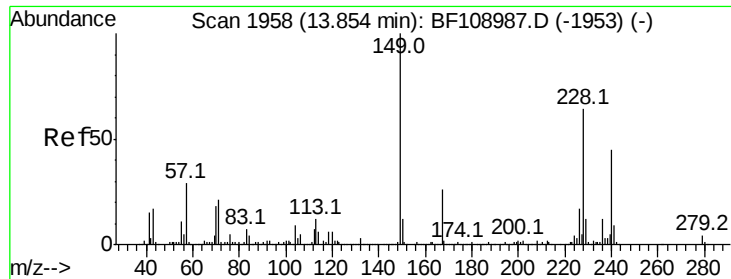
Abundance

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





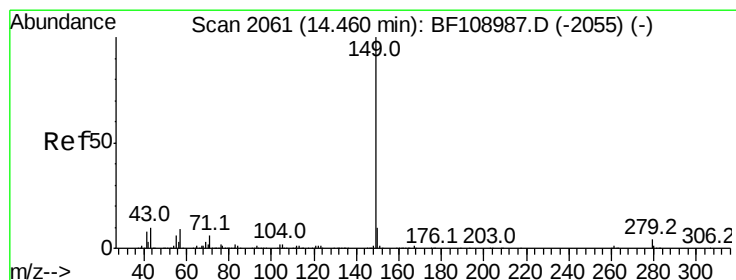
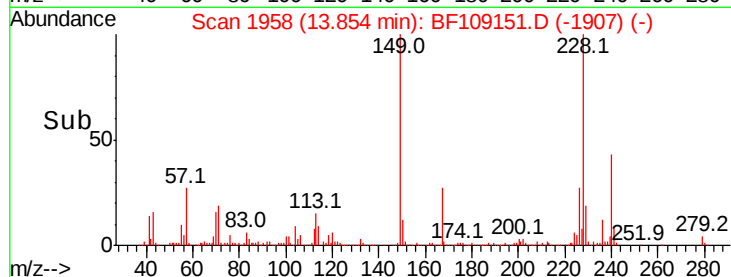
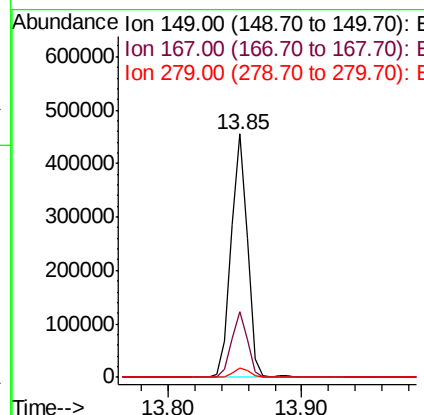
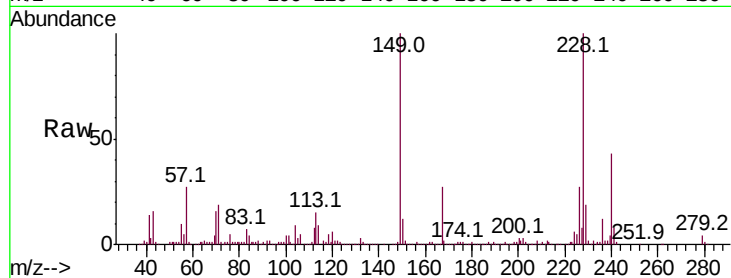
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.736 ng
 RT: 13.85 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BF109151.D
 Acq: 19 Sep 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	395813		
167	27.0	21.3	31.9	
279	4.0	3.0	4.4	

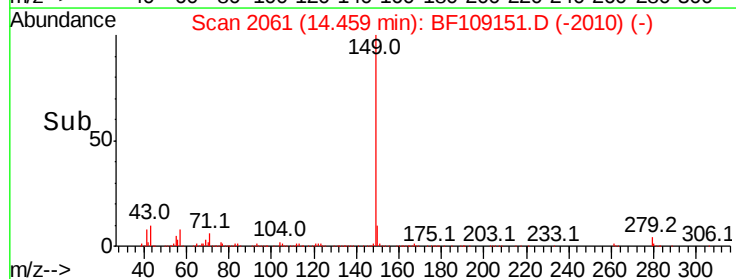
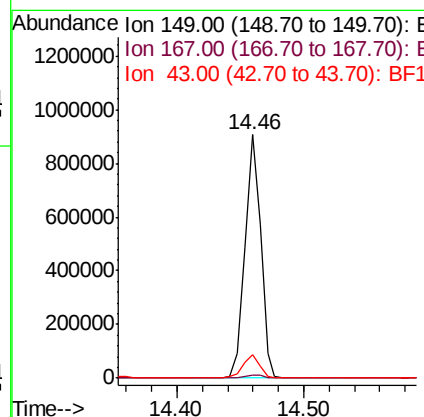
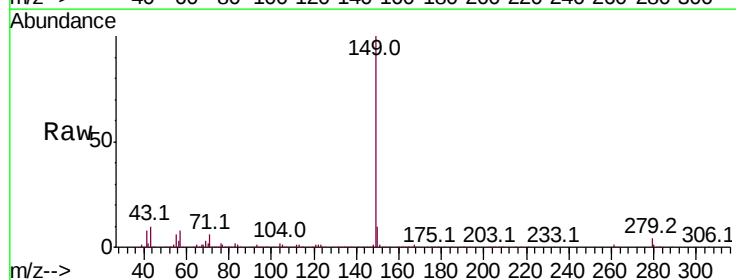
Manual Integrations
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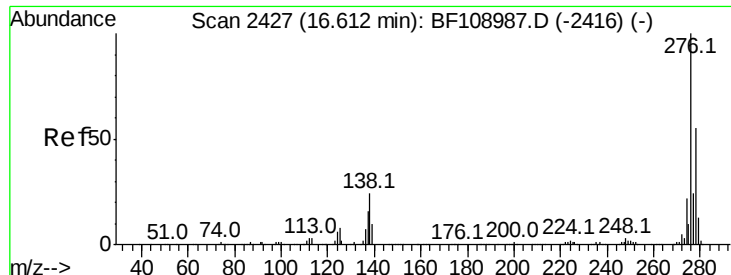
Sohil
 9/20/2018 10:06:48 AM



#84
 Di-n-octyl phthalate
 Concen: 37.455 ng
 RT: 14.46 min Scan# 2061
 Delta R.T. -0.00 min
 Lab File: BF109151.D
 Acq: 19 Sep 2018 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	768063		
167	1.5	1.2	1.8	
43	9.7	8.4	12.6	





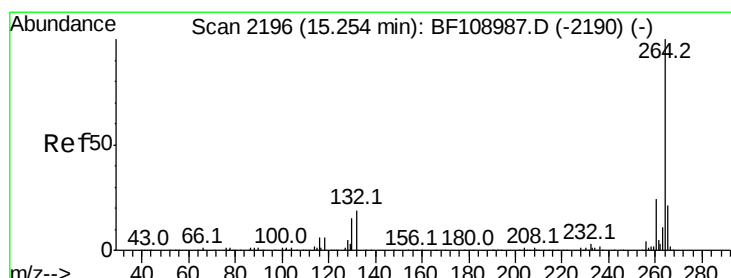
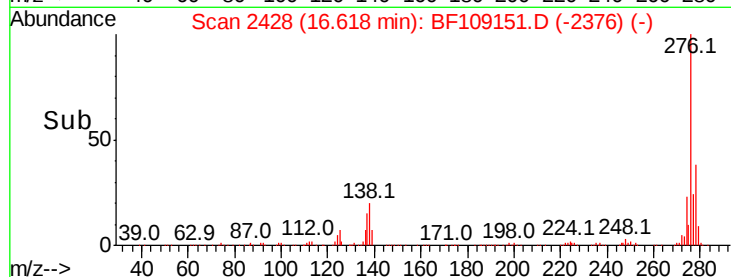
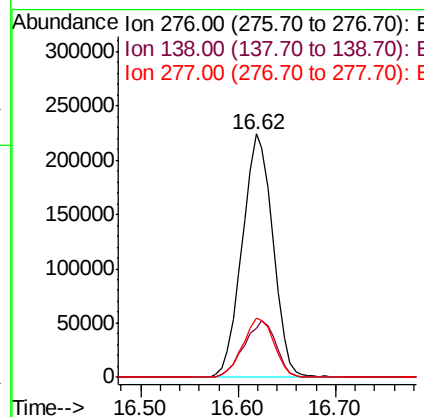
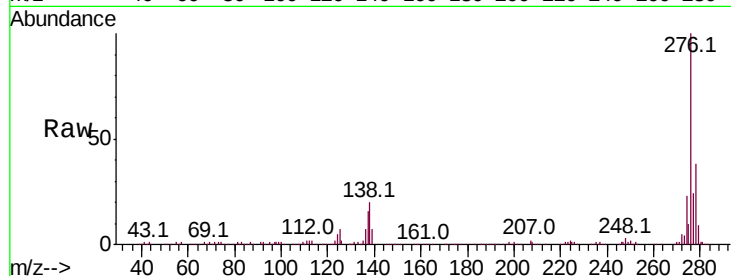
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.865 ng
 RT: 16.62 min Scan# 2428
 Delta R.T. 0.01 min
 Lab File: BF109151.D
 Acq: 19 Sep 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-01MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	25.0	37.6#
277	25.1	20.1	30.1

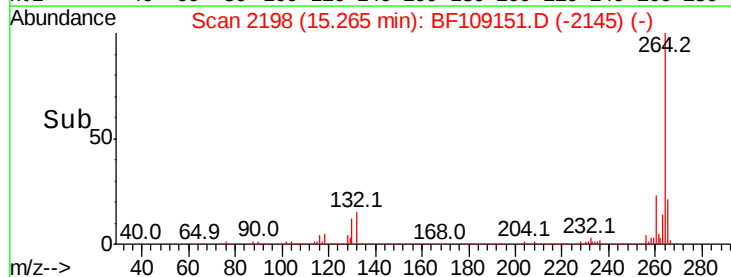
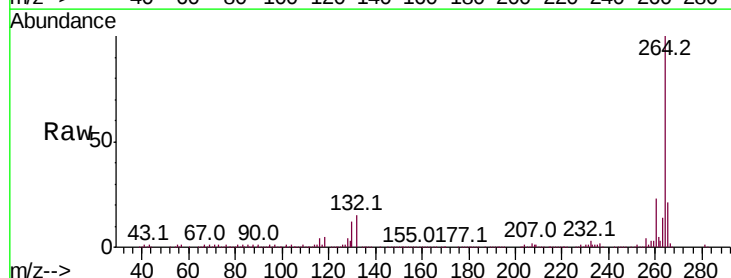
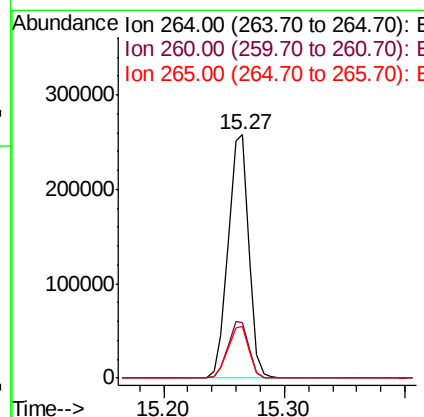
Manual Integrations
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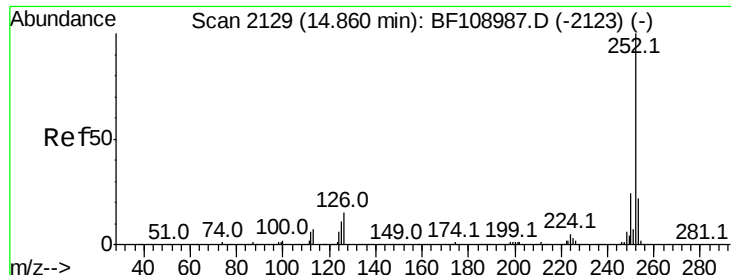
Sohil
 9/20/2018 10:06:48 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2198
 Delta R.T. 0.01 min
 Lab File: BF109151.D
 Acq: 19 Sep 2018 18:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.4	17.5	26.3





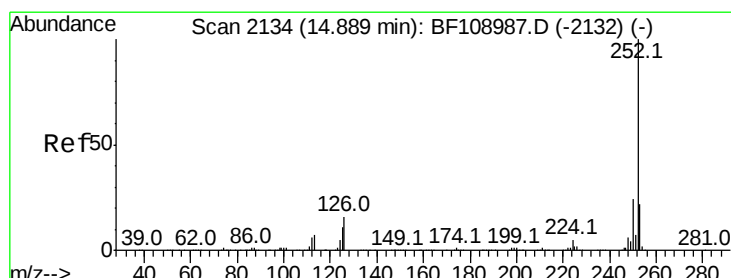
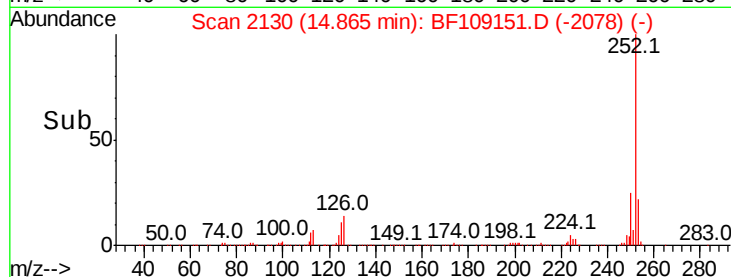
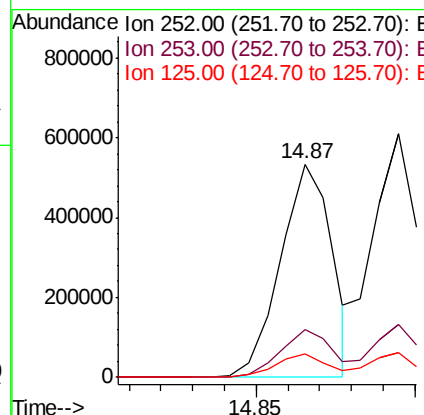
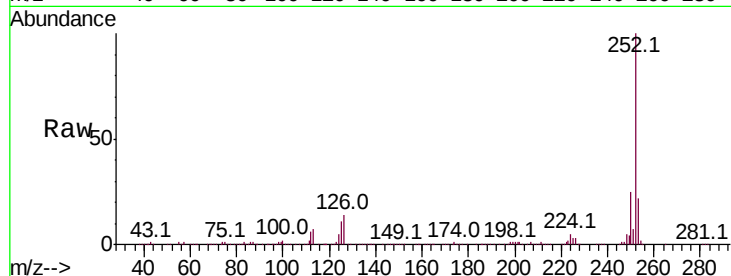
#87
Benzo(b)fluoranthene
Concen: 35.806 ng
RT: 14.87 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Instrument :
BNA_F
ClientSampleId :
SAMPLE-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	10.9	9.0	13.6

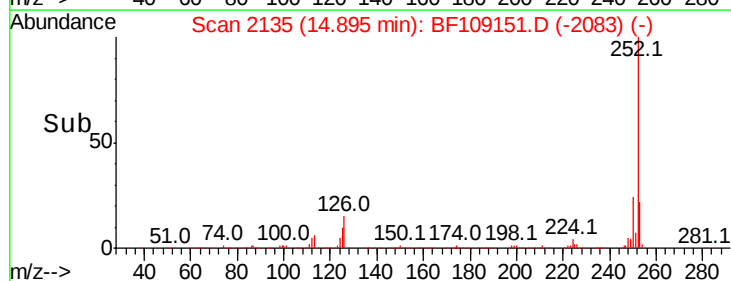
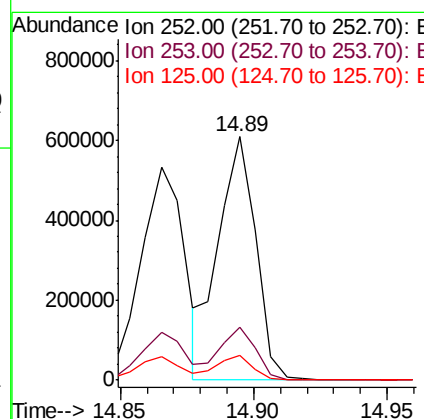
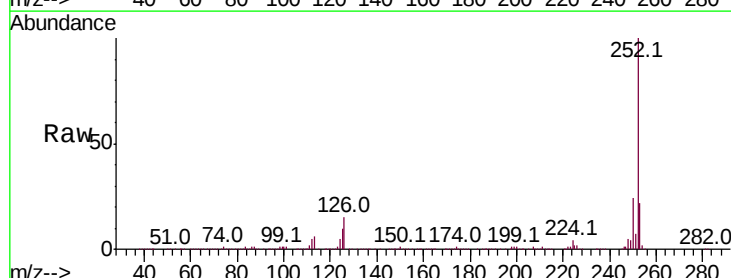
Manual Integrations
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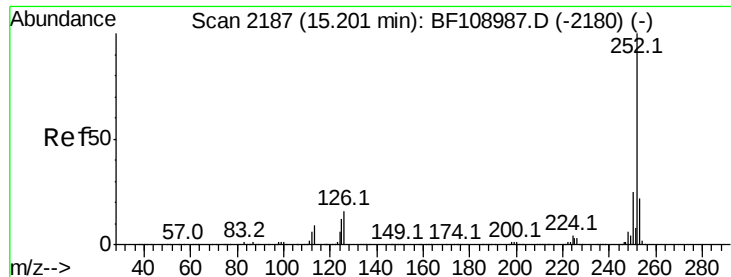
Sohil
9/20/2018 10:06:48 AM



#88
Benzo(k)fluoranthene
Concen: 37.929 ng m
RT: 14.89 min Scan# 2135
Delta R.T. 0.01 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	10.1	10.2	15.2#





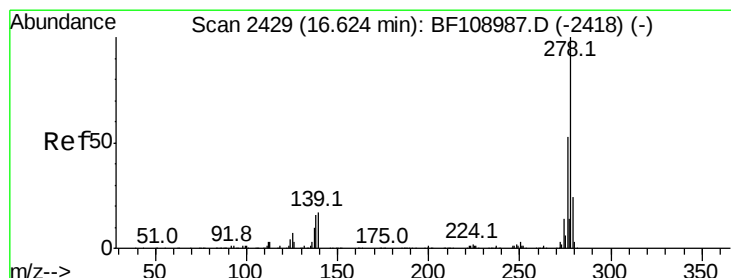
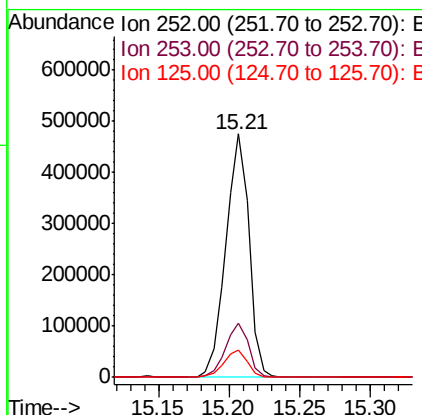
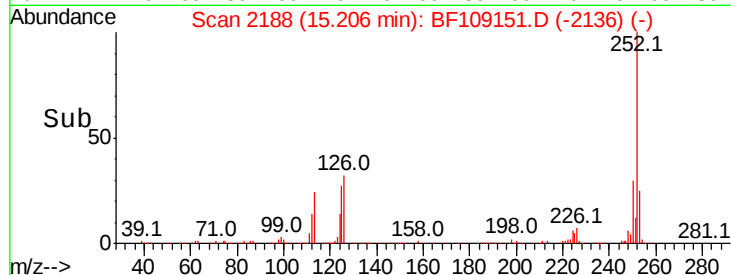
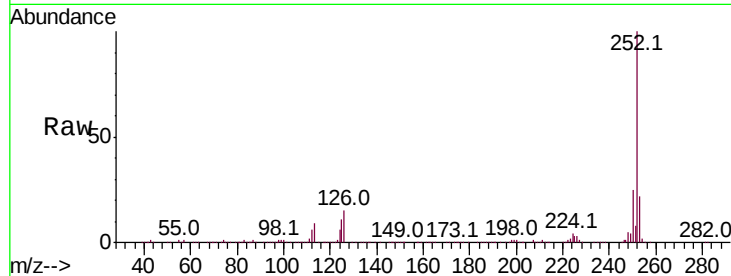
#89
Benzo(a)pyrene
Concen: 36.268 ng
RT: 15.21 min Scan# 2188
Delta R.T. 0.01 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Instrument :
BNA_F
ClientSampleId :
SAMPLE-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	11.3	9.8	14.6

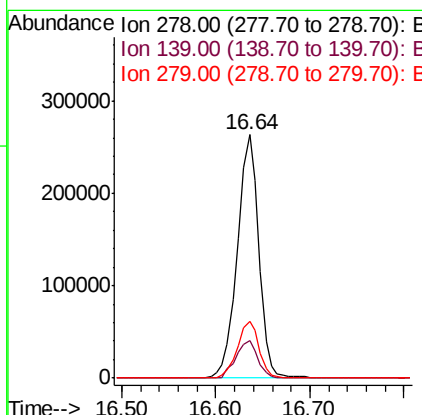
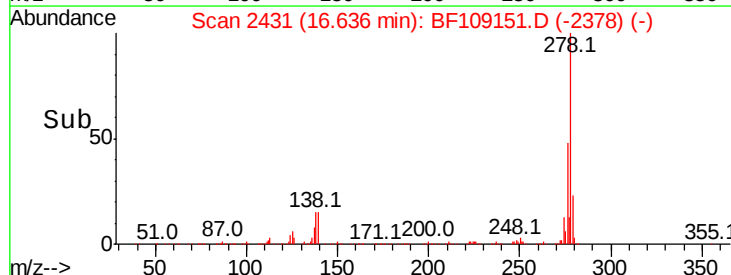
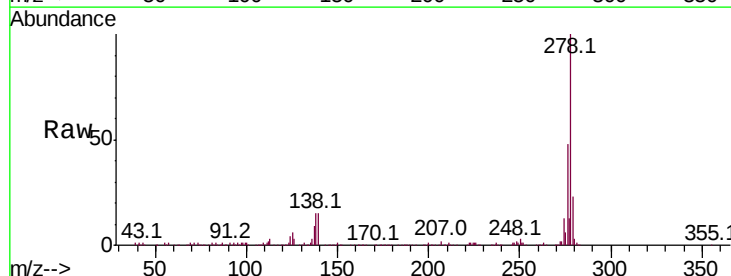
Manual Integrations
APPROVED

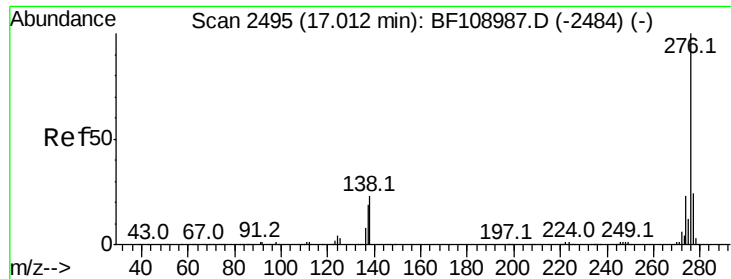
Sohil
9/20/2018 10:06:48 AM



#90
Dibenzo(a,h)anthracene
Concen: 33.272 ng
RT: 16.64 min Scan# 2431
Delta R.T. 0.01 min
Lab File: BF109151.D
Acq: 19 Sep 2018 18:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	15.9	23.9#
279	23.1	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 30.901 ng

RT: 17.02 min Scan# 2497

Delta R.T. 0.01 min

Lab File: BF109151.D

Acq: 19 Sep 2018 18:42

Instrument :

BNA_F

ClientSampleId :

SAMPLE-01MSD

Tot Ion:	276	Resp:	388769
Ion Ratio	Lower	Upper	
276	100		
277	23.8	17.9	26.9
138	20.8	21.8	32.8#

Manual Integrations
APPROVED

Sohil

9/20/2018 10:06:48 AM

