

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
 Data File : BF112435.D
 Acq On : 7 Feb 2019 13:56
 Operator : JU/SJ
 Sample : K1385-03MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

Manual Integrations
 APPROVED

Sohil
 2/11/2019 4:49:52 PM

Quant Time: Feb 09 03:24:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	133551	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	521631	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	254551	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	457771	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	308138	20.00	ng	0.00
87) Perylene-d12	15.47	264	298151	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	541136	86.07	ng	-0.01
7) Phenol-d6	6.48	99	683362	78.22	ng	-0.01
23) Nitrobenzene-d5	7.39	82	427777	47.25	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	199391	67.30	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	871779	48.44	ng	-0.02
79) Terphenyl-d14	12.94	244	793506	48.50	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.62	88	64957	25.934	ng	96
3) Pyridine	3.39	79	156272	24.527	ng	96
4) n-Nitrosodimethylamine	3.31	42	86337	32.254	ng	# 89
6) Aniline	6.49	93	136439	13.128	ng	# 1
8) 2-Chlorophenol	6.63	128	208841	24.691	ng	98
9) Benzaldehyde	6.38	77	96524	21.137	ng	97
10) Phenol	6.49	94	252135	26.304	ng	93
11) bis(2-Chloroethyl)ether	6.56	93	184406	24.436	ng	96
12) 1,3-Dichlorobenzene	6.77	146	225975	22.940	ng	99
13) 1,4-Dichlorobenzene	6.85	146	231398	22.825	ng	98
14) 1,2-Dichlorobenzene	7.00	146	216847	22.846	ng	98
15) Benzyl Alcohol	6.97	79	174732	23.725	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.10	45	220570	22.764	ng	# 41
17) 2-Methylphenol	7.10	107	159182	23.740	ng	# 92
18) Hexachloroethane	7.34	117	77894	21.880	ng	100
19) n-Nitroso-di-n-propylamine	7.24	70	137515	22.826	ng	99
20) 3+4-Methylphenols	7.26	107	213098	24.853	ng	# 61
22) Acetophenone	7.24	105	282994	22.280	ng	# 93
24) Nitrobenzene	7.42	77	206632	22.854	ng	93
25) Isophorone	7.65	82	362504	25.524	ng	99
26) 2-Nitrophenol	7.73	139	108621	22.480	ng	100
27) 2,4-Dimethylphenol	7.77	122	177461	26.657	ng	94
28) bis(2-Chloroethoxy)methane	7.86	93	229416	23.723	ng	98
29) 2,4-Dichlorophenol	7.99	162	177481	23.824	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	194627	22.728	ng	99
31) Naphthalene	8.13	128	619829	25.409	ng	98
33) 4-Chloroaniline	8.19	127	111601	10.507	ng	97
34) Hexachlorobutadiene	8.25	225	105359	20.967	ng	99
35) Caprolactam	8.55	113	55101	20.966	ng	95
36) 4-Chloro-3-methylphenol	8.68	107	177048	22.450	ng	97
37) 2-Methylnaphthalene	8.83	142	430922	25.805	ng	98
38) 1-Methylnaphthalene	8.93	142	402163	25.126	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	190222	22.760	ng	99
41) Hexachlorocyclopentadiene	8.98	237	44318	21.833	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.12	196	121150	23.516	nq	100
44) 2,4,5-Trichlorophenol	9.17	196	126844	23.558	nq	98
46) 1,1'-Biphenyl	9.29	154	516558	23.212	nq	98
47) 2-Chloronaphthalene	9.32	162	395893	22.941	nq	97
48) 2-Nitroaniline	9.42	65	110504	23.494	nq	89
49) Acenaphthylene	9.73	152	635562	25.127	nq	98
50) Dimethylphthalate	9.59	163	505935	25.582	nq	99
51) 2,6-Dinitrotoluene	9.66	165	100546	22.700	nq	97
52) Acenaphthene	9.90	154	364166	24.101	nq	98
53) 3-Nitroaniline	9.83	138	80724	16.822	nq	# 95
54) 2,4-Dinitrophenol	9.96	184	7588	5.338	nq	# 82
55) Dibenzofuran	10.07	168	551689	23.893	nq	96
56) 4-Nitrophenol	10.02	139	103095	40.636	nq	92
57) 2,4-Dinitrotoluene	10.07	165	131814	23.376	nq	# 84
58) Fluorene	10.42	166	444091	25.701	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	98321	24.164	nq	95
60) Diethylphthalate	10.29	149	457271	23.298	nq	98
61) 4-Chlorophenyl-phenylether	10.40	204	203682	21.670	nq	92
62) 4-Nitroaniline	10.44	138	98403	20.907	nq	97
63) Azobenzene	10.57	77	392692	22.750	nq	95
65) 4,6-Dinitro-2-methylphenol	10.49	198	19839	7.730	nq	92
66) n-Nitrosodiphenylamine	10.53	169	369780	23.968	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	123622	22.961	nq	96
68) Hexachlorobenzene	10.97	284	132673	22.968	nq	98
69) Atrazine	11.05	200	117999	23.703	nq	98
70) Pentachlorophenol	11.17	266	87468	38.915	nq	95
71) Phenanthrene	11.38	178	703190	29.547	nq	98
72) Anthracene	11.43	178	637827	26.905	nq	99
73) Carbazole	11.59	167	517854	22.145	nq	99
74) Di-n-butylphthalate	11.91	149	741314	25.540	nq	98
75) Fluoranthene	12.57	202	740705	29.018	nq	97
77) Benzidine	12.69	184	144744	17.067	nq	96
78) Pyrene	12.80	202	708369	33.204	nq	98
80) Butylbenzylphthalate	13.40	149	245241	23.760	nq	93
81) Benzo(a)anthracene	13.99	228	521724	28.802	nq	98
82) 3,3'-Dichlorobenzidine	13.94	252	118823	17.528	nq	95
83) Chrysene	14.03	228	479091	27.708	nq	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	339532	23.174	nq	# 97
85) Di-n-octyl phthalate	14.57	149	530957	23.554	nq	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	449288	32.793	nq	97
88) Benzo(b)fluoranthene	15.04	252	499171	27.995	nq	98
89) Benzo(k)fluoranthene	15.07	252	446343m	26.134	nq	
90) Benzo(a)pyrene	15.41	252	467621	29.146	nq	99
91) Dibenzo(a,h)anthracene	16.96	278	351188	27.159	nq	99
92) Benzo(g,h,i)perylene	17.40	276	361382	29.623	nq	96

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

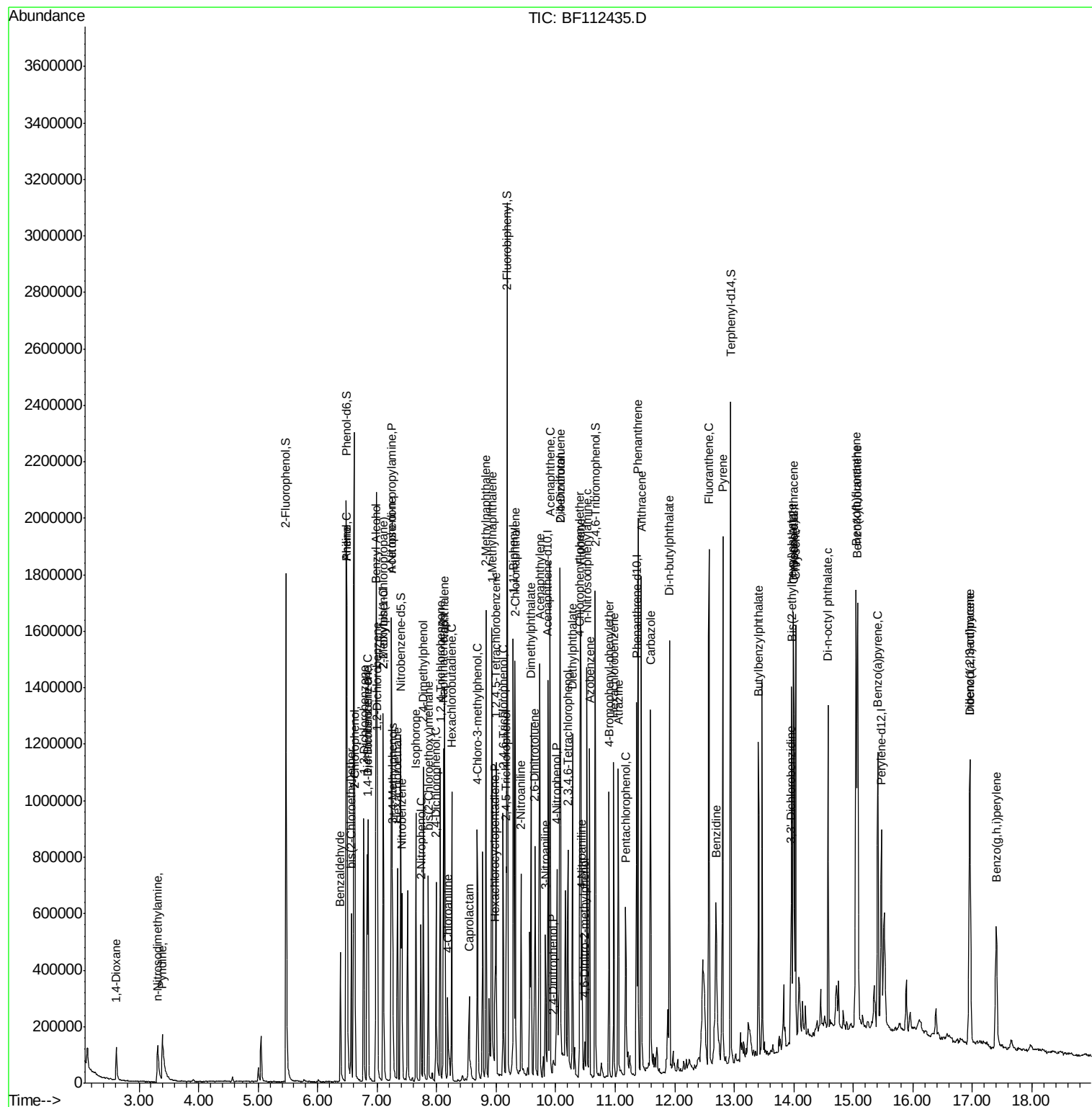
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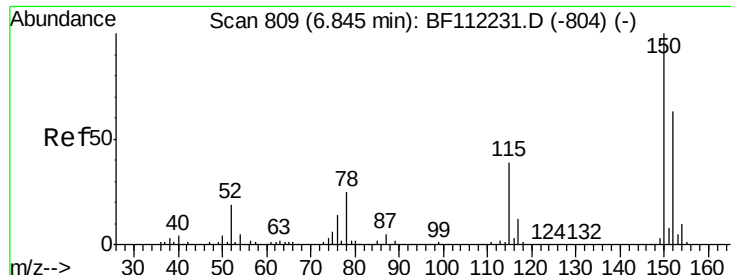
Instrument :
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#1

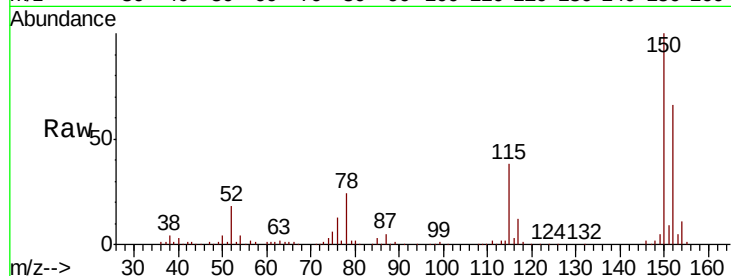
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	127.4	191.0
115	57.2	45.5	68.3

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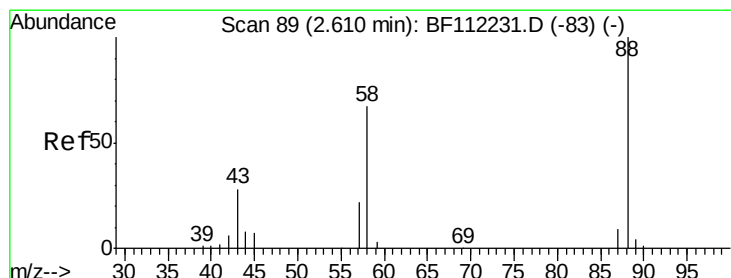
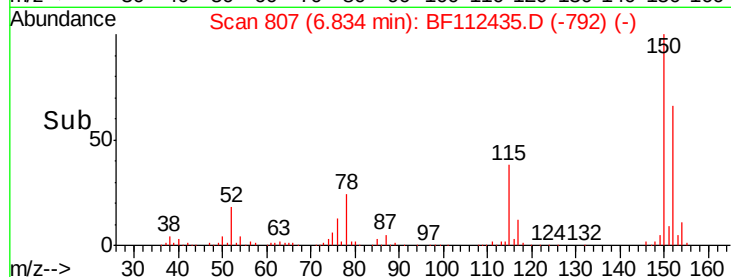
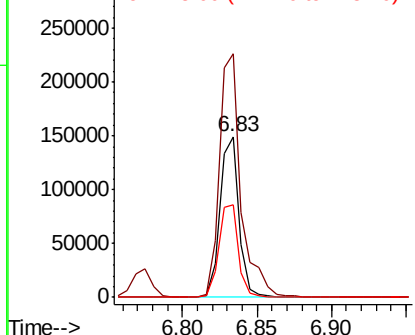


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

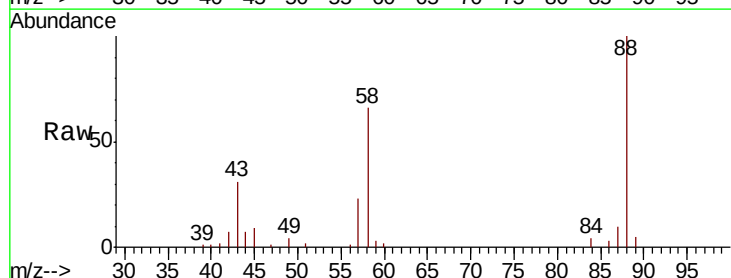
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 25.934 ng
RT: 2.62 min Scan# 90
Delta R.T. 0.01 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.6	57.4	86.2
43	28.7	22.2	33.4

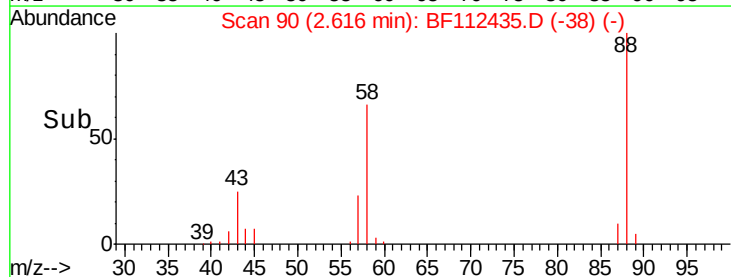
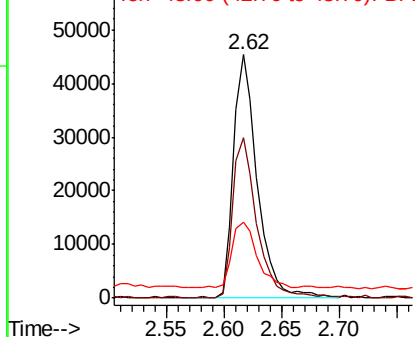


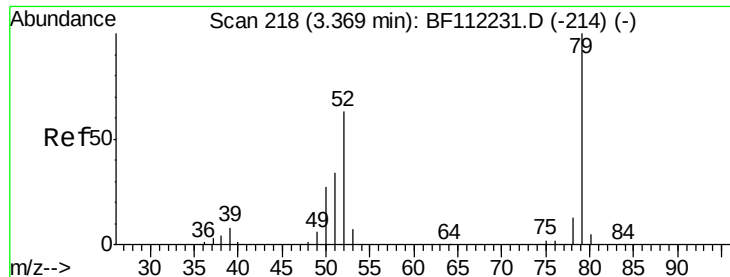
Abundance

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: 24.527 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.02 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

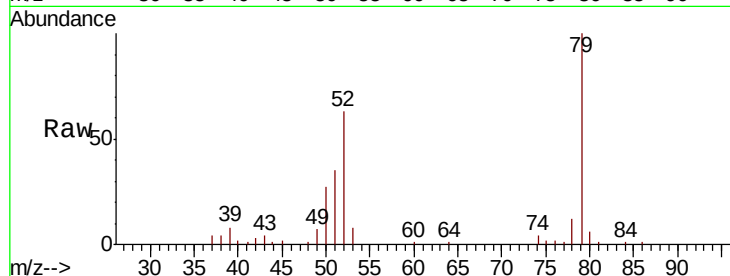
ClientSampleId :

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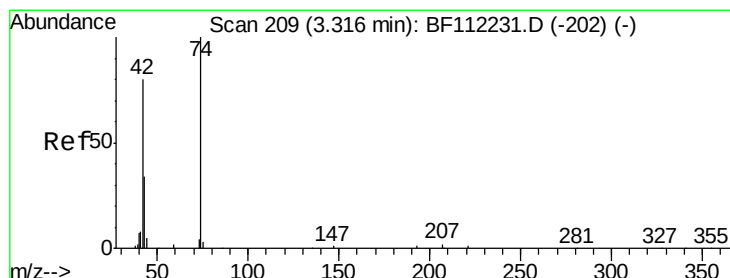
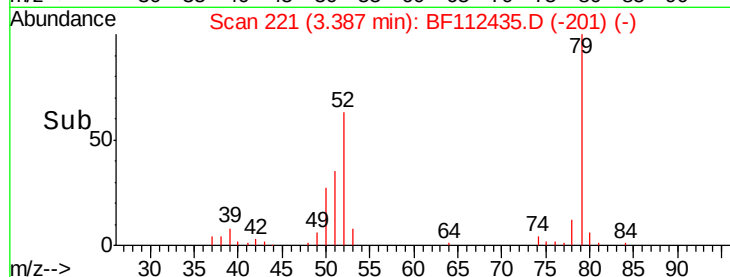
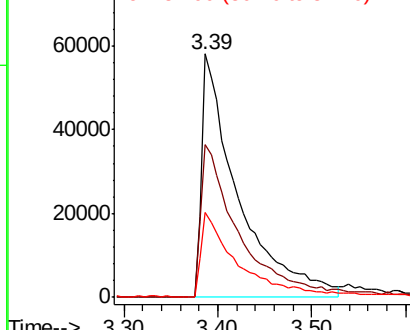
Tot Ion:	79	Resp:	156272
Ion Ratio	Lower	Upper	
79	100		
52	62.6	52.4	78.6
51	34.8	26.1	39.1

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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: 32.254 ng

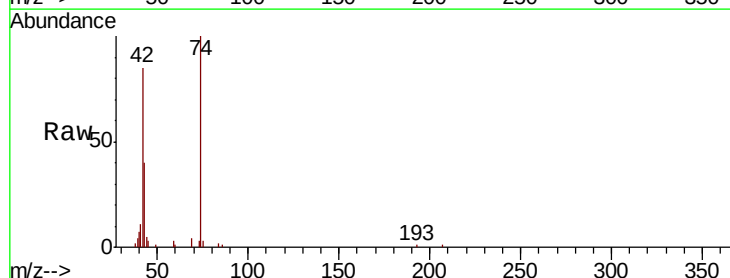
RT: 3.31 min Scan# 208

Delta R.T. -0.01 min

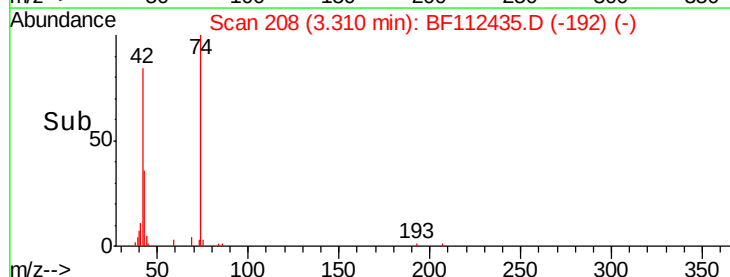
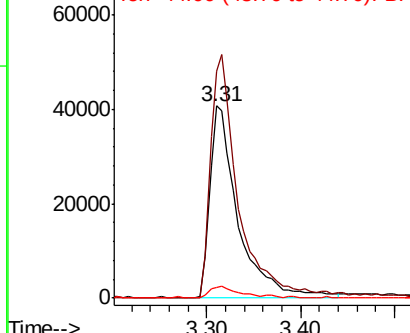
Lab File: BF112435.D

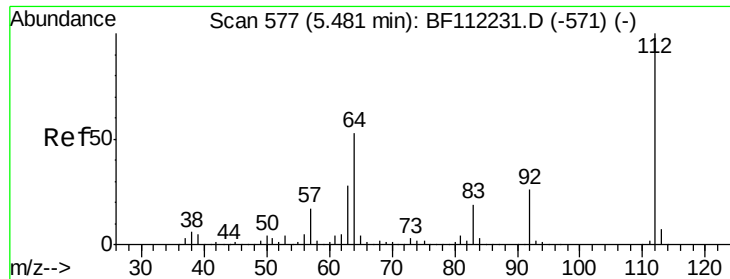
Acq: 7 Feb 2019 13:56

Tgt Ion:	42	Resp:	86337
Ion Ratio	Lower	Upper	
42	100		
74	118.1	105.6	158.4
44	5.3	5.4	8.2#



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: 86.065 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

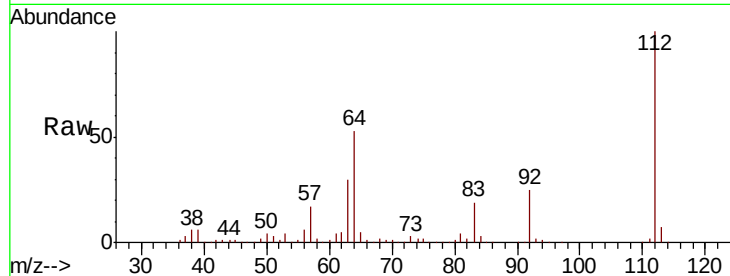
ClientSampleId :

98-SB-01-2-4MSD

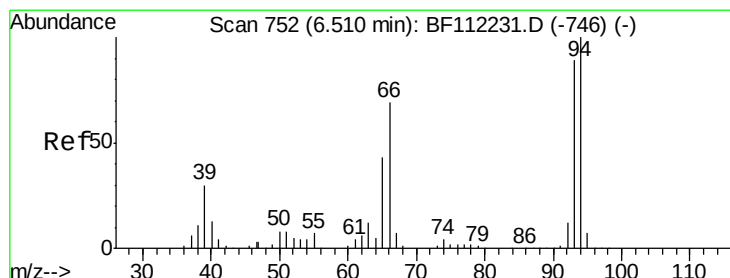
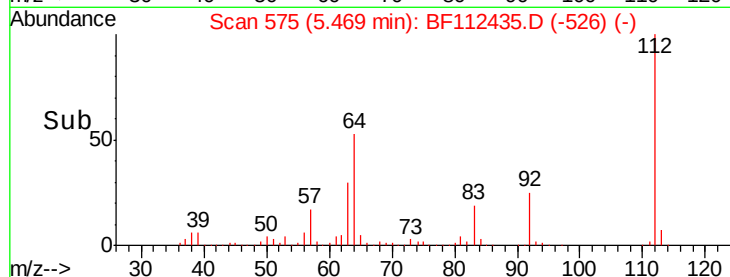
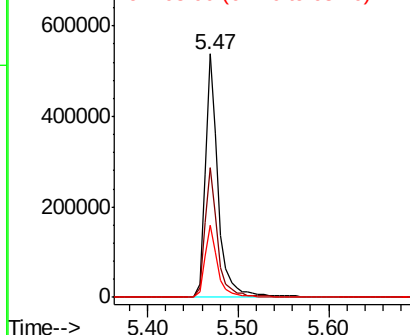
Tot Ion:	112	Resp:	541136
Ion Ratio	Lower	Upper	
112	100		
64	53.2	45.7	68.5
63	29.5	23.6	35.4

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



#6

Aniline

Concen: 13.128 ng

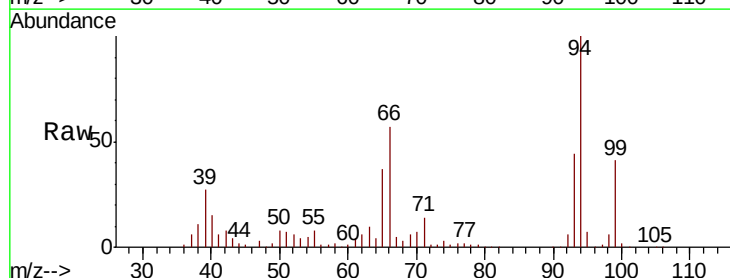
RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

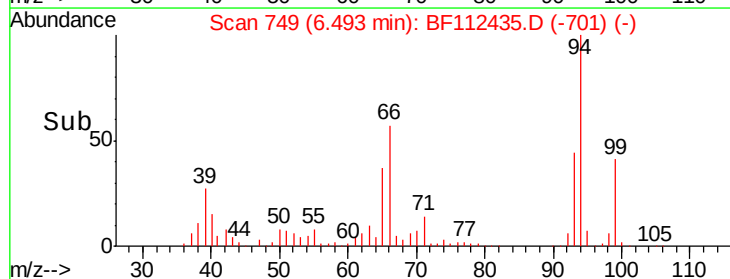
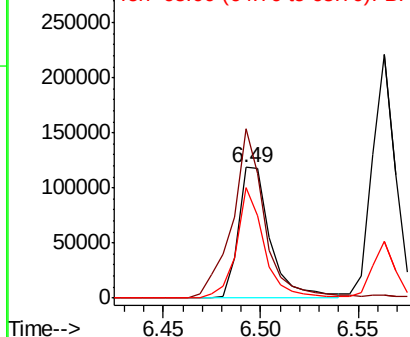
Lab File: BF112435.D

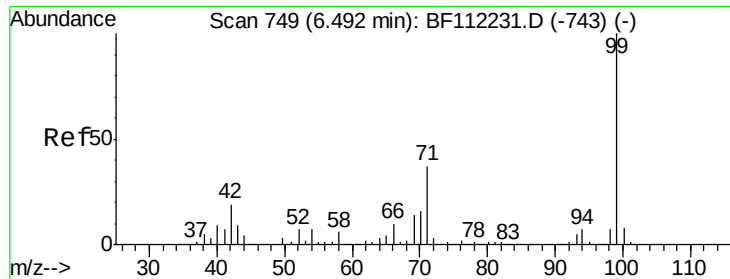
Acq: 7 Feb 2019 13:56

Tgt Ion:	93	Resp:	136439
Ion Ratio	Lower	Upper	
93	100		
66	129.9	43.4	65.2#
65	84.1	25.3	37.9#



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





#7

Phenol-d6

Concen: 78.216 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112435.D

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Instrument :

BNA_F

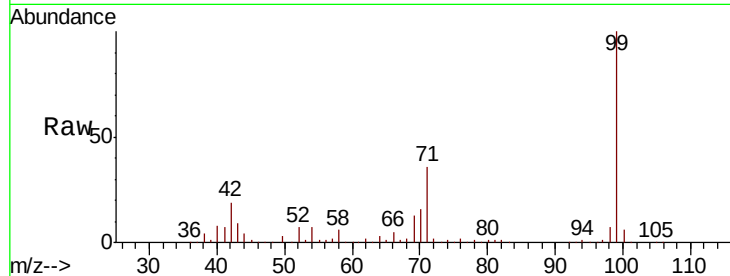
ClientSampleId :

98-SB-01-2-4MSD

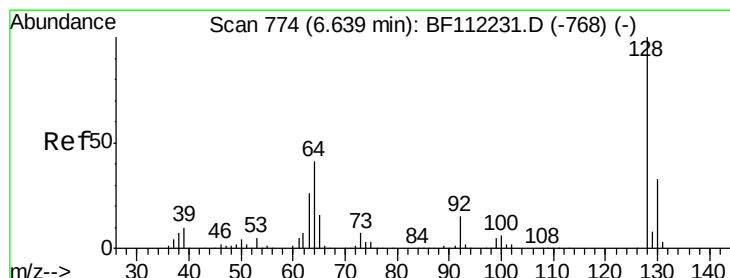
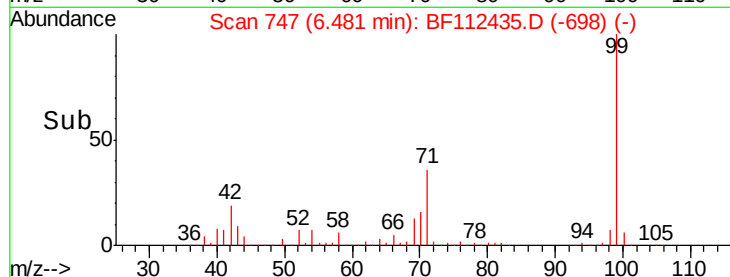
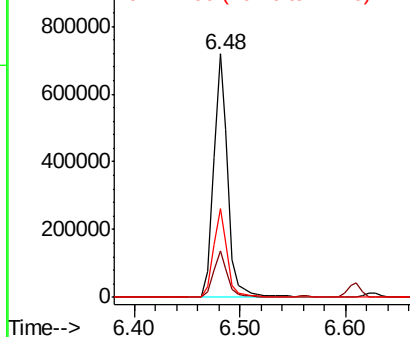
Tot Ion:	99	Resp:	683362
Ion Ratio	Lower	Upper	
99	100		
42	19.0	15.1	22.7
71	36.2	26.9	40.3

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



#8

2-Chlorophenol

Concen: 24.691 ng

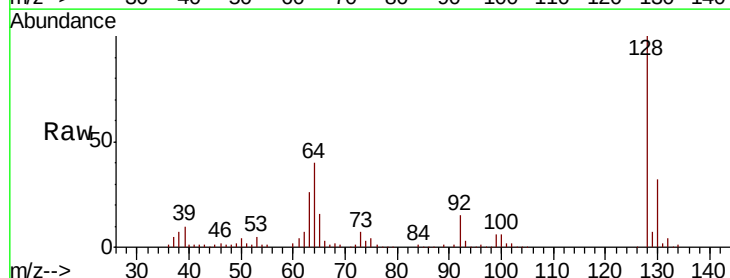
RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

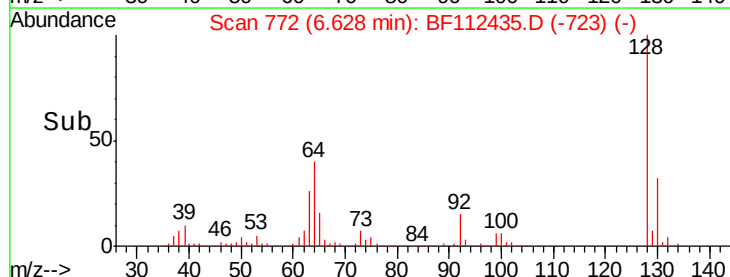
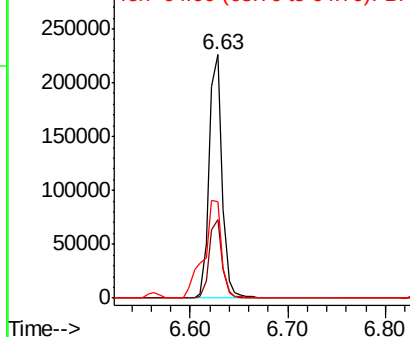
Lab File: BF112435.D

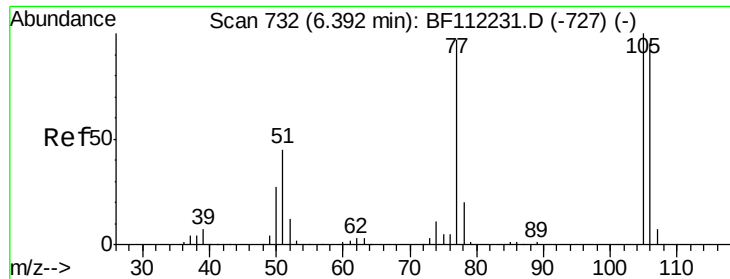
Acq: 7 Feb 2019 13:56

Tgt Ion:	128	Resp:	208841
Ion Ratio	Lower	Upper	
128	100		
130	32.3	13.4	53.4
64	39.5	20.5	60.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 21.137 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

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BNA_F

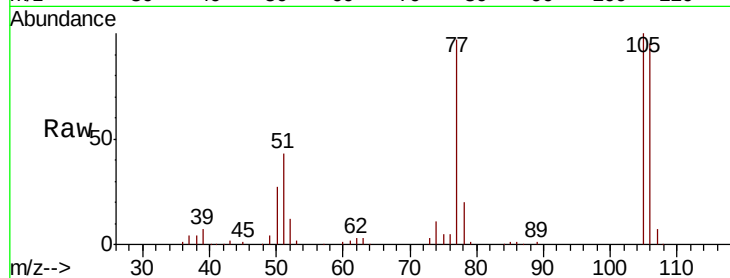
ClientSampleId :

98-SB-01-2-4MSD

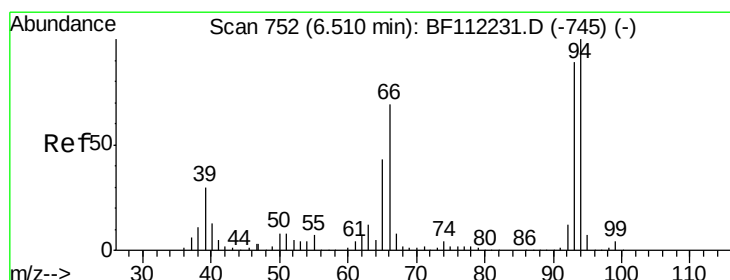
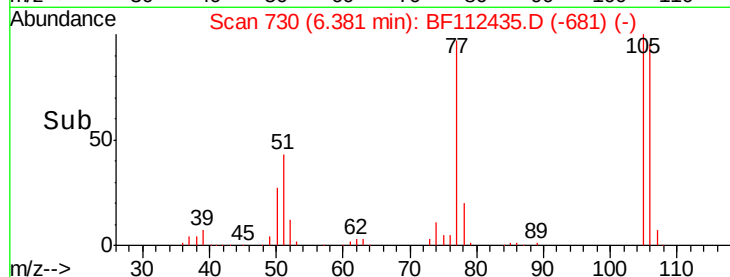
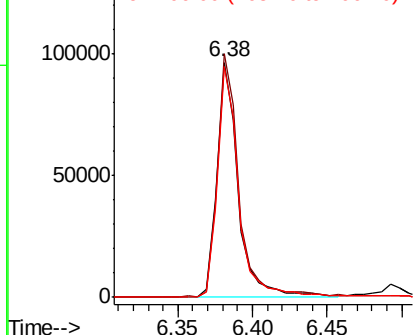
Tot Ion:	77	Resp:	96524
Ion	Ratio	Lower	Upper
77	100		
105	103.5	80.8	120.8
106	98.0	75.7	115.7

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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 26.304 ng

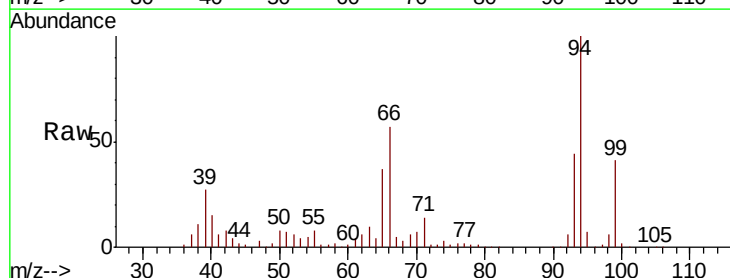
RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

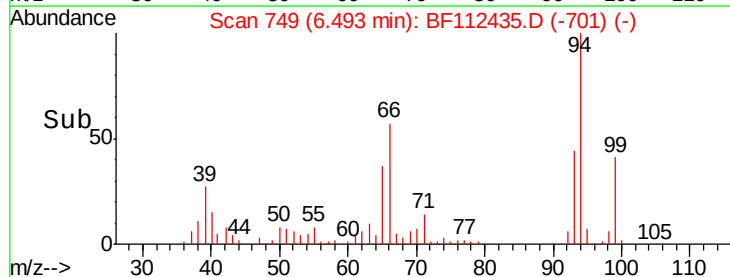
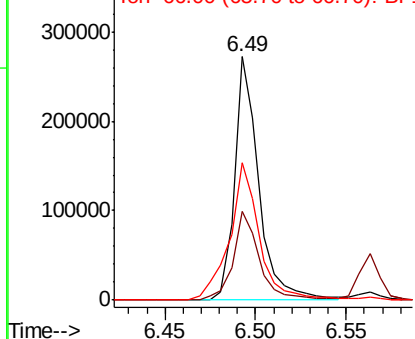
Lab File: BF112435.D

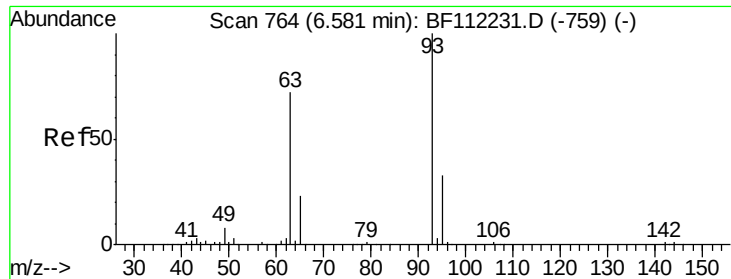
Acq: 7 Feb 2019 13:56

Tgt Ion:	94	Resp:	252135
Ion	Ratio	Lower	Upper
94	100		
65	36.6	20.3	60.3
66	56.6	42.4	82.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 24.436 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.02 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

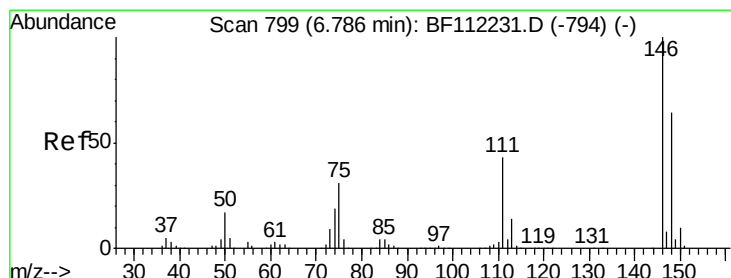
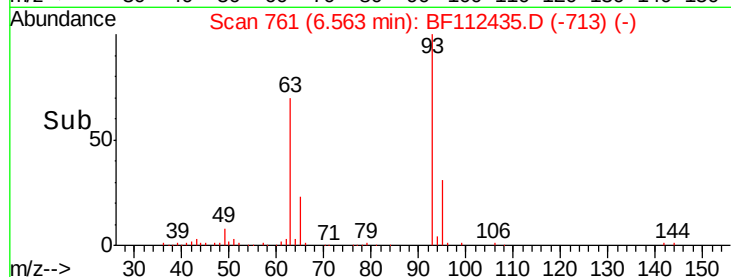
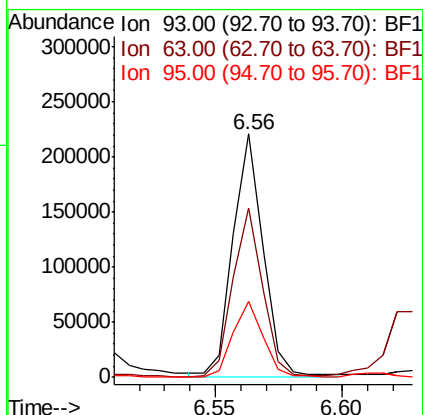
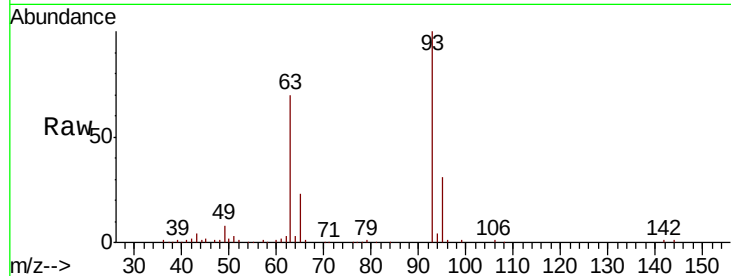
ClientSampleId :

98-SB-01-2-4MSD

Tot Ion:	93	Resp:	184406
Ion Ratio	Lower	Upper	
93	100		
63	69.7	53.3	93.3
95	31.2	13.4	53.4

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 22.940 ng

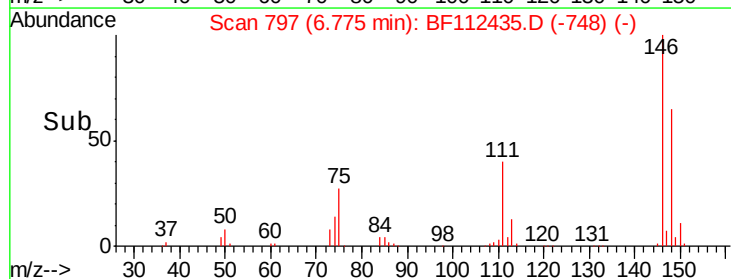
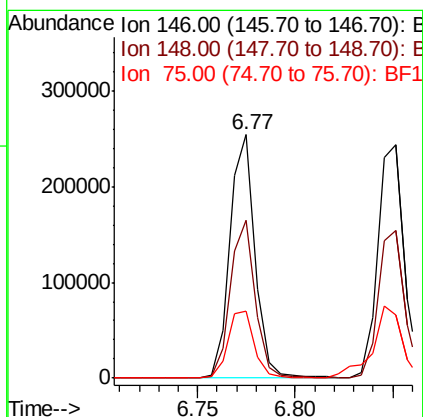
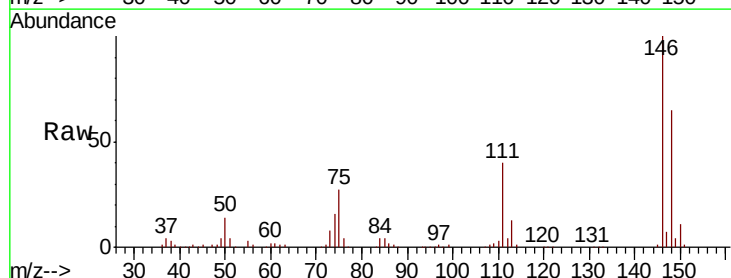
RT: 6.77 min Scan# 797

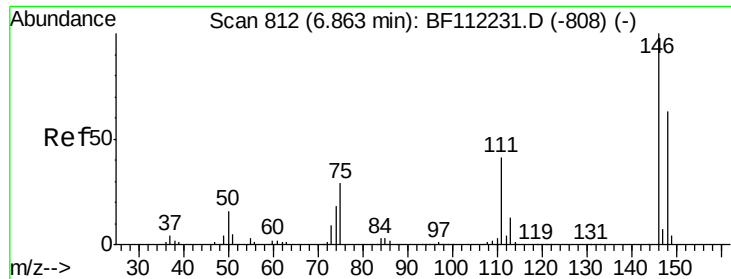
Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Tgt Ion:	146	Resp:	225975
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.8	77.8
75	27.3	23.1	34.7





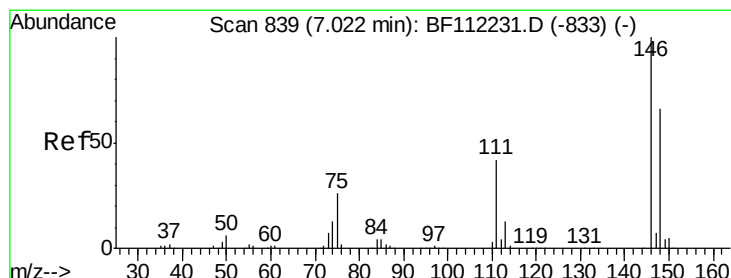
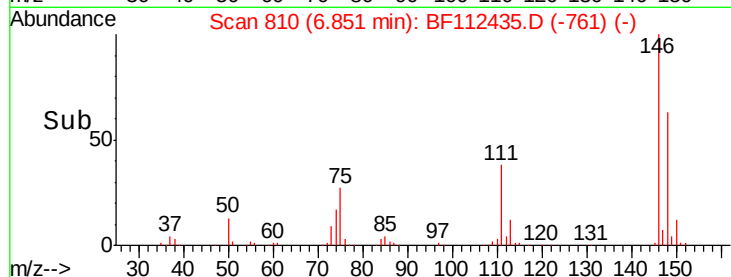
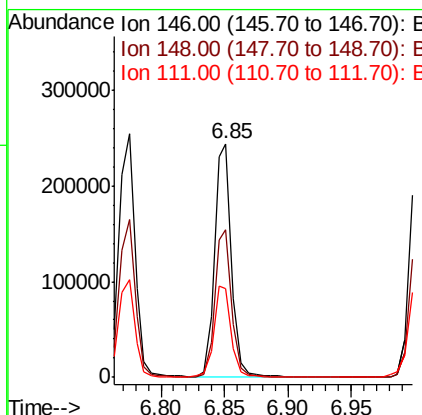
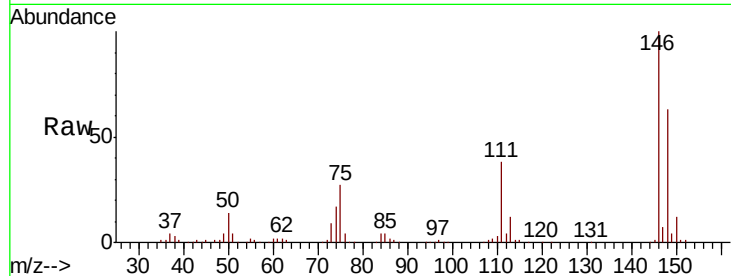
#13
 1,4-Dichlorobenzene
 Concen: 22.825 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF112435.D
 Acq: 7 Feb 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.0	78.0
111	38.0	31.2	46.8

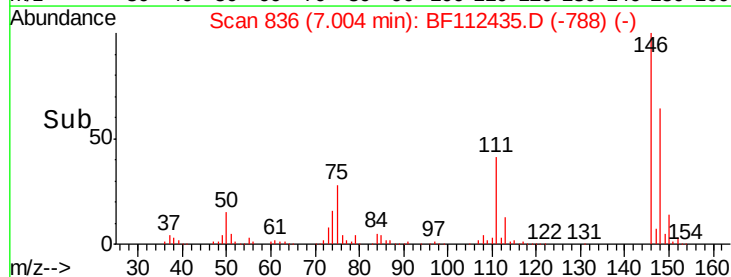
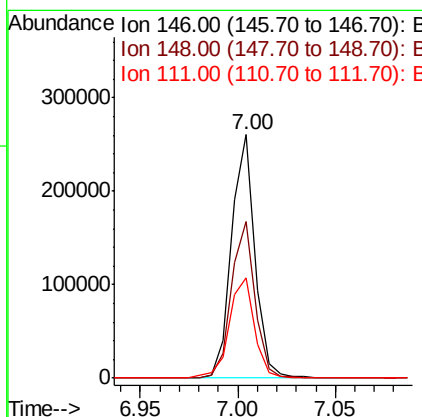
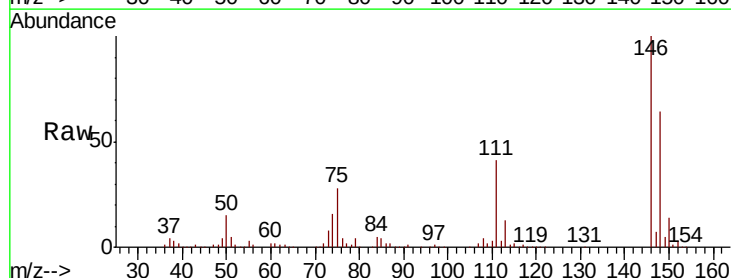
Manual Integrations
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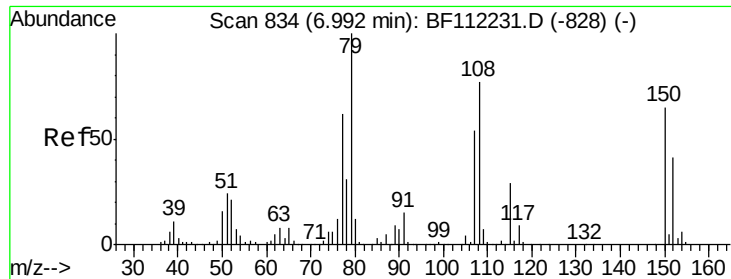
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#14
 1,2-Dichlorobenzene
 Concen: 22.846 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF112435.D
 Acq: 7 Feb 2019 13:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.2	78.4
111	41.1	31.2	46.8





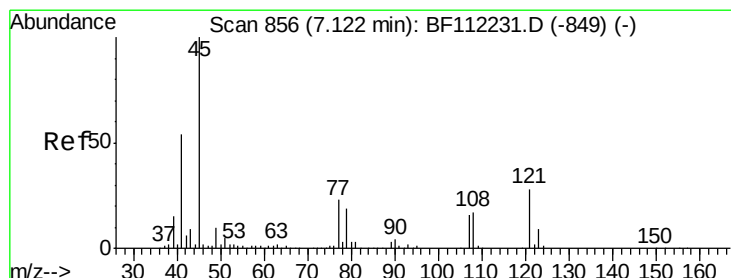
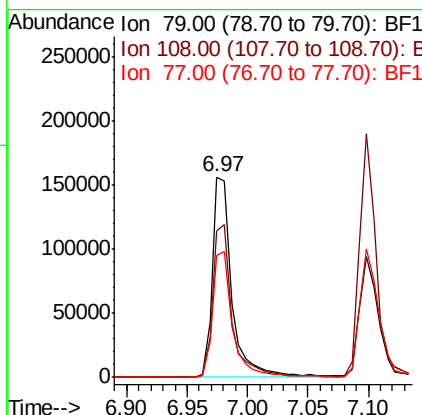
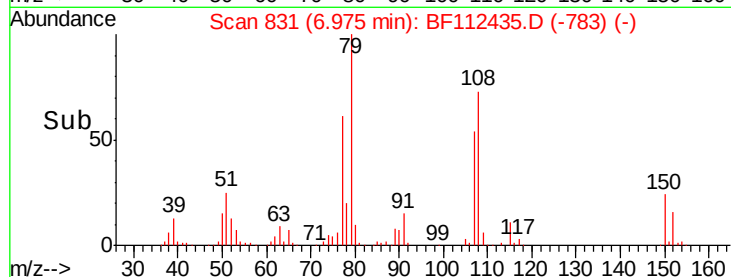
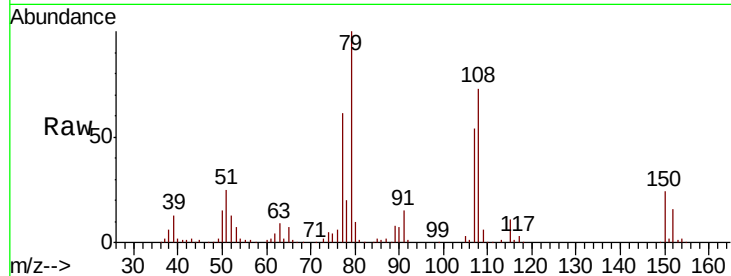
#15
Benzyl Alcohol
Concen: 23.725 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.9	64.2	96.2
77	60.8	50.3	75.5

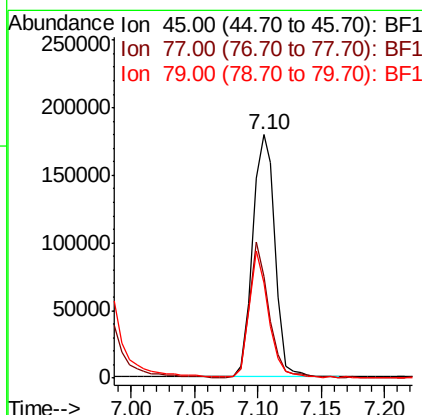
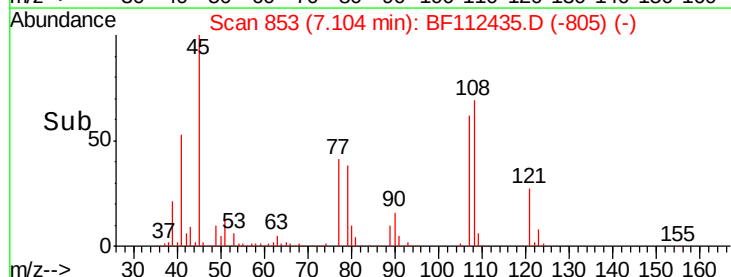
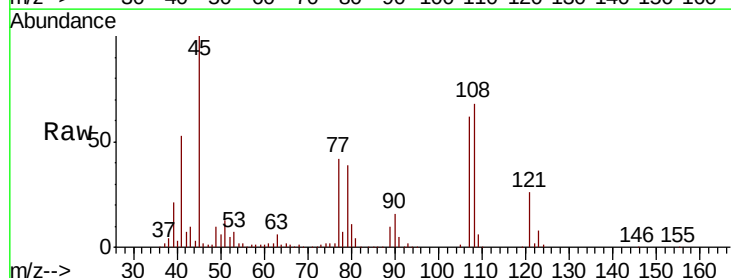
Manual Integrations
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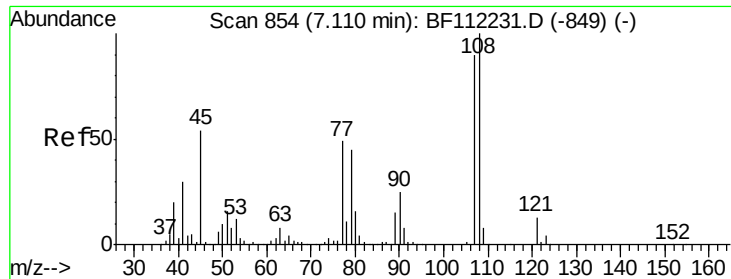
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 22.764 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Tgt Ion	Ratio	Lower	Upper
45	100		
77	41.5	0.0	36.9#
79	38.9	0.0	34.0#





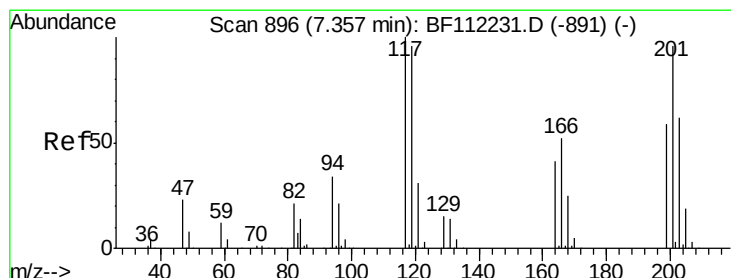
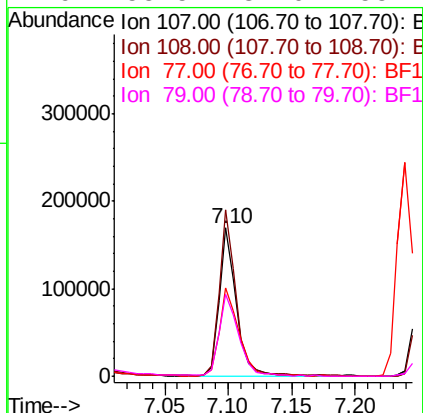
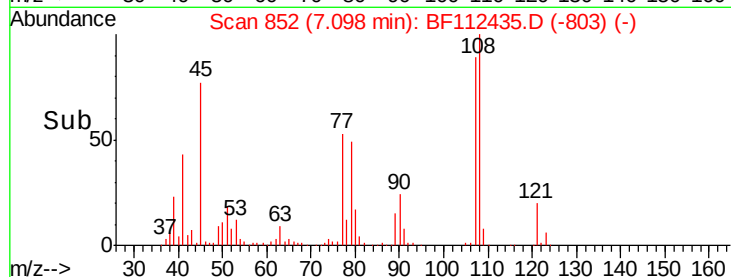
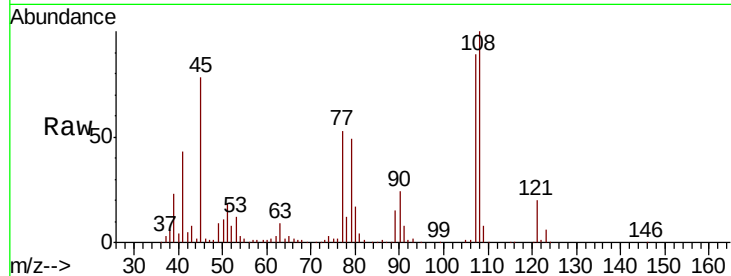
#17
2-Methylphenol
Concen: 23.740 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Instrument :
BNA_F
ClientSampled :
98-SB-01-2-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.3	91.3	136.9	
77	59.3	39.0	58.6	
79	55.5	37.0	55.4	

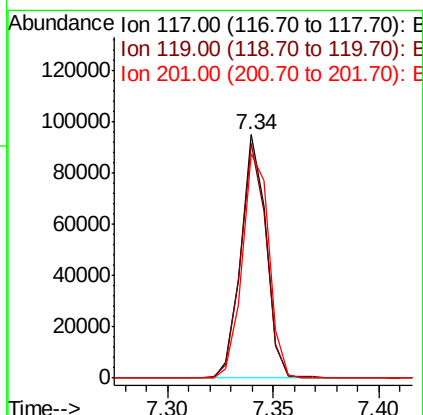
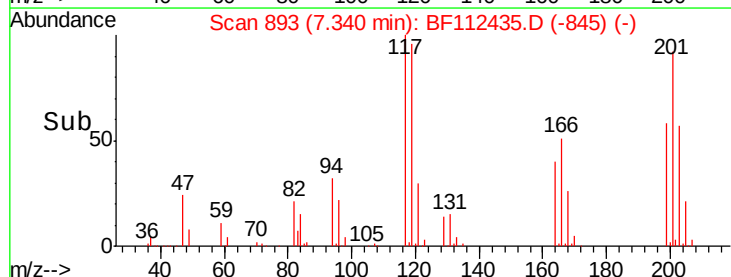
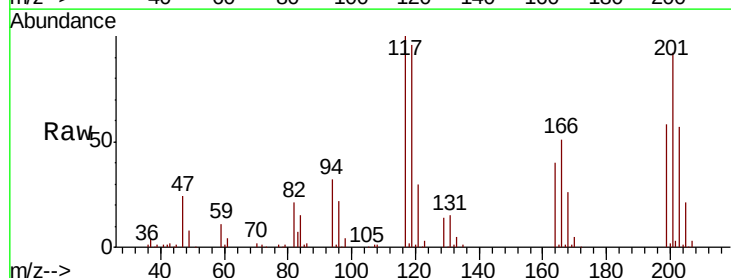
Manual Integrations
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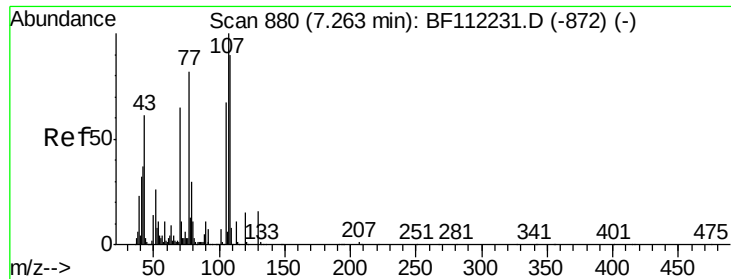
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#18
Hexachloroethane
Concen: 21.880 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	77.0	115.4	
201	92.2	74.1	111.1	





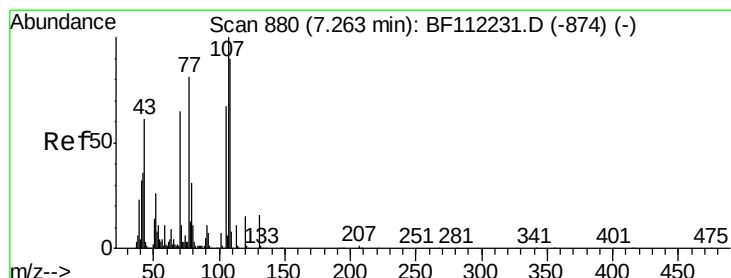
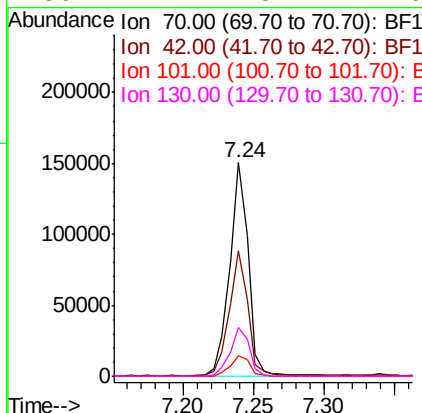
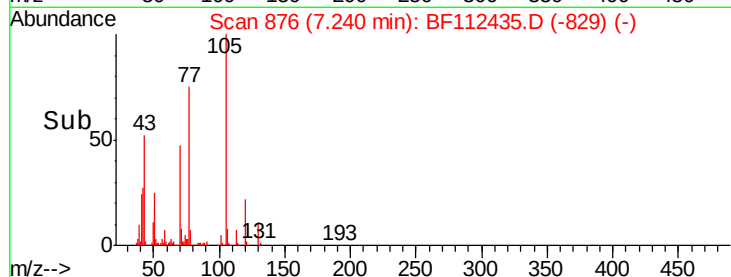
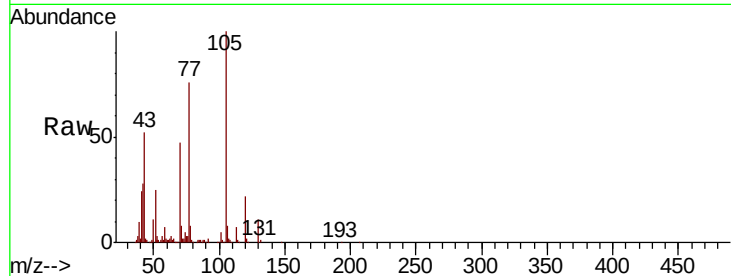
#19
n-Nitroso-di-n-propylamine
Concen: 22.826 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		137515		
42	59.0	47.6	71.4		
101	9.8	7.9	11.9		
130	22.7	18.4	27.6		

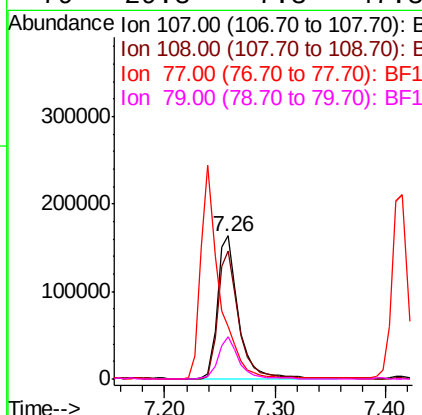
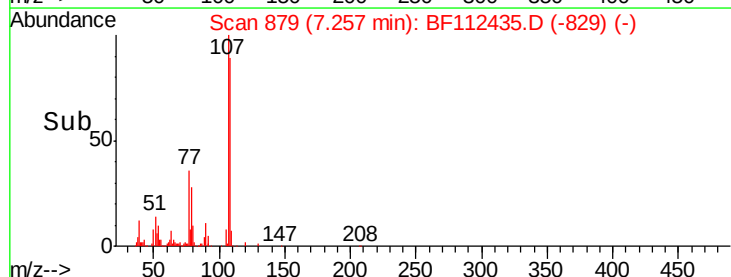
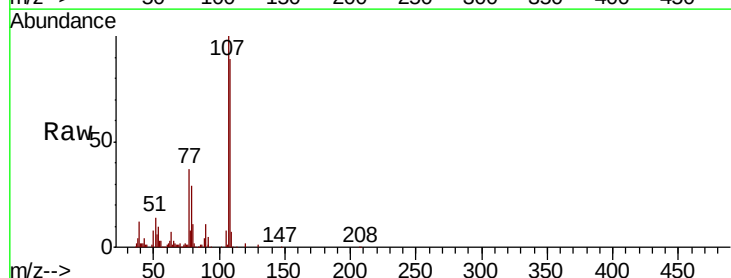
Manual Integrations
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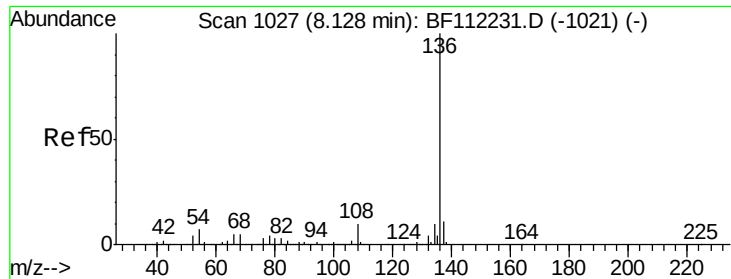
Sohil
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#20
3+4-Methylphenols
Concen: 24.853 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		213098		
108	89.2	68.2	108.2		
77	36.9	100.7	140.7#		
79	29.3	7.3	47.3		





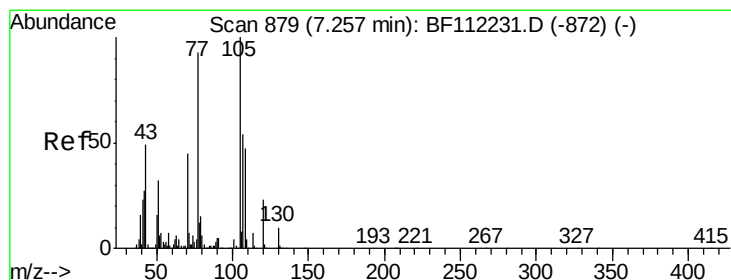
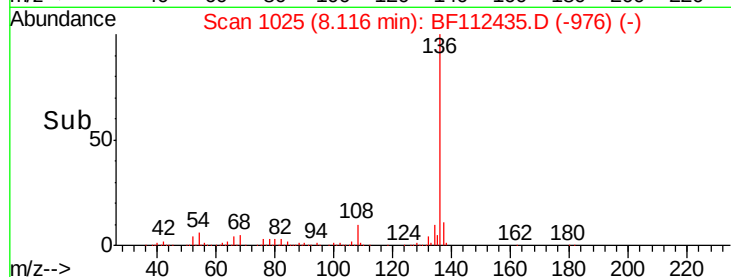
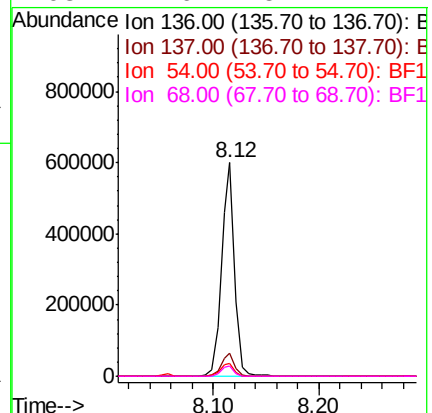
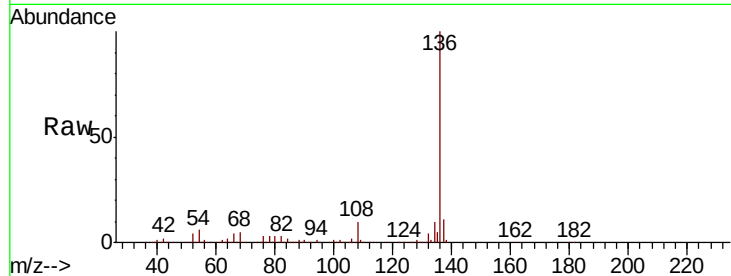
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		521631		
137	10.9	9.1	13.7		
54	6.1	5.9	8.9		
68	4.6	5.1	7.7#		

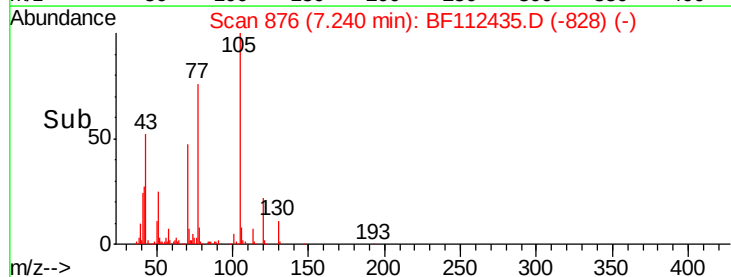
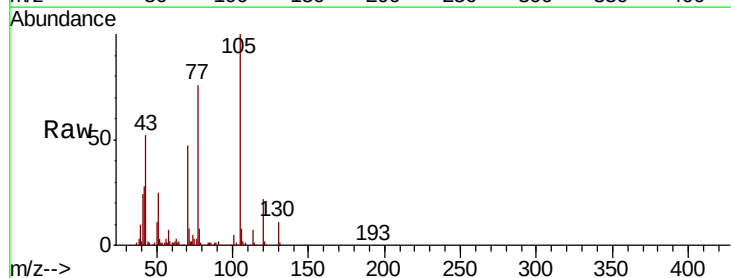
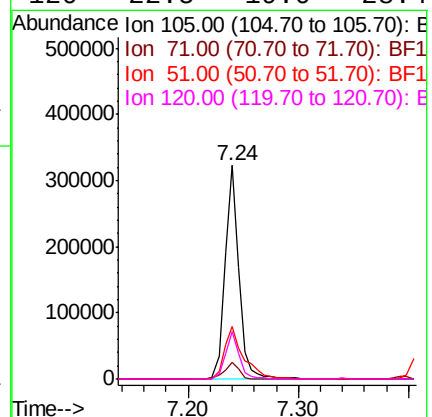
Manual Integrations
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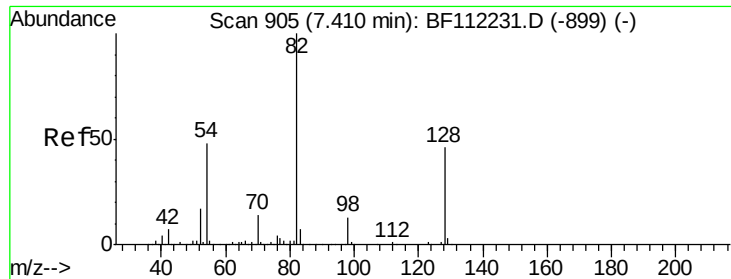
Sohil
2/11/2019 4:49:52 PM



#22
Acetophenone
Concen: 22.280 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		282994		
71	7.6	4.6	6.8#		
51	24.9	25.0	37.6#		
120	22.5	19.0	28.4		





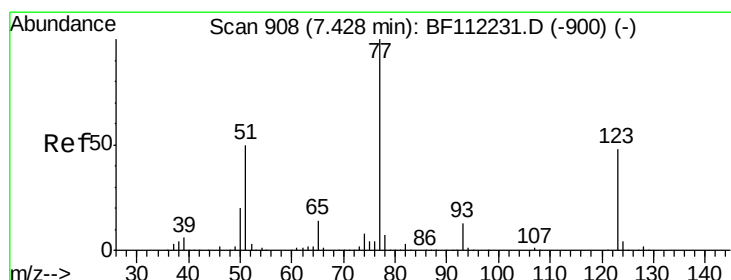
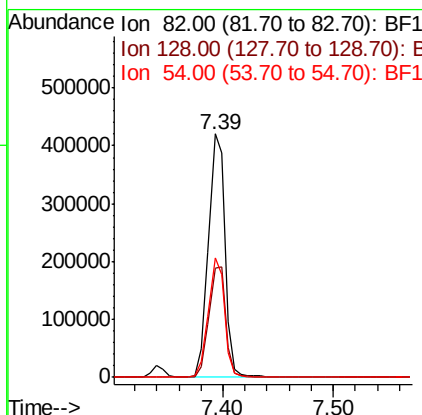
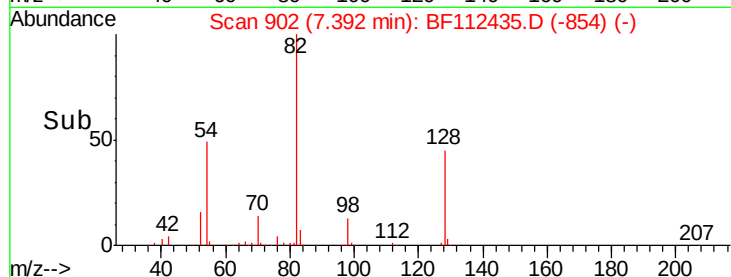
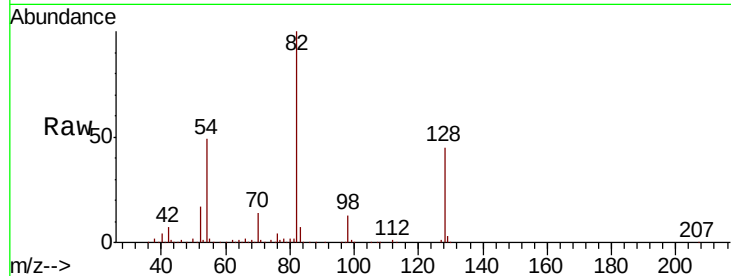
#23
 Nitrobenzene-d5
 Concen: 47.253 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF112435.D
 Acq: 7 Feb 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	37.8	56.8
54	49.0	39.7	59.5

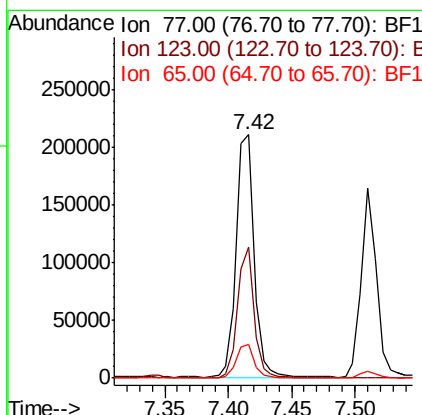
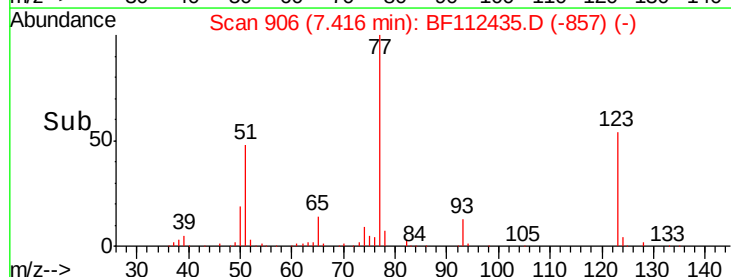
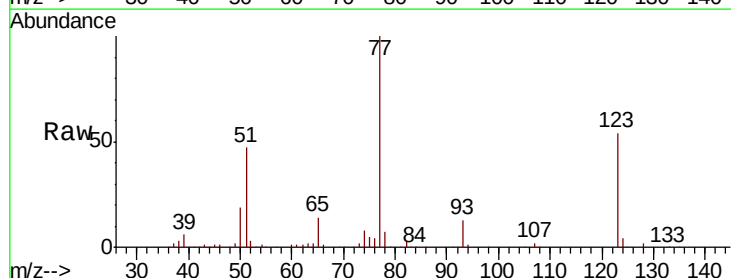
Manual Integrations
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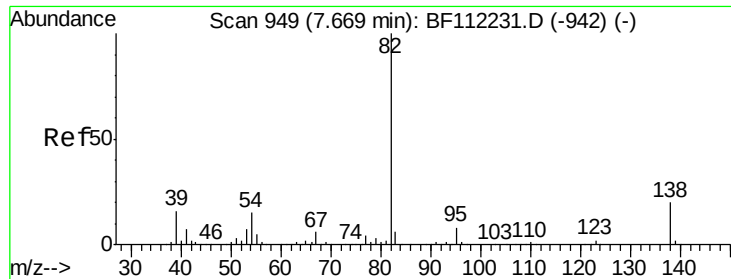
Sohil
 2/11/2019 4:49:52 PM



#24
 Nitrobenzene
 Concen: 22.854 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF112435.D
 Acq: 7 Feb 2019 13:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.5	38.4	57.6
65	13.8	10.6	15.8





#25

Isophorone

Concen: 25.524 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

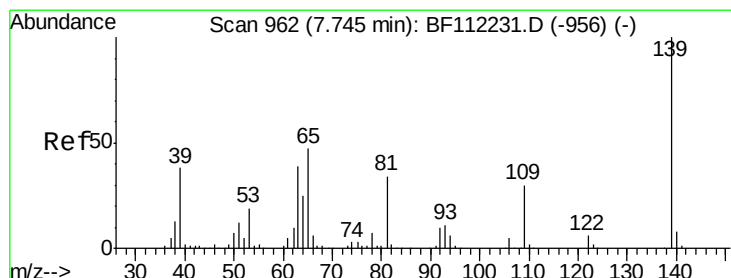
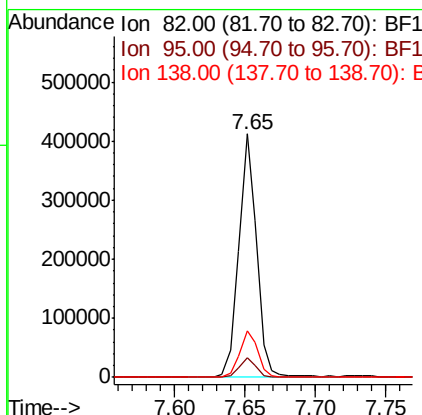
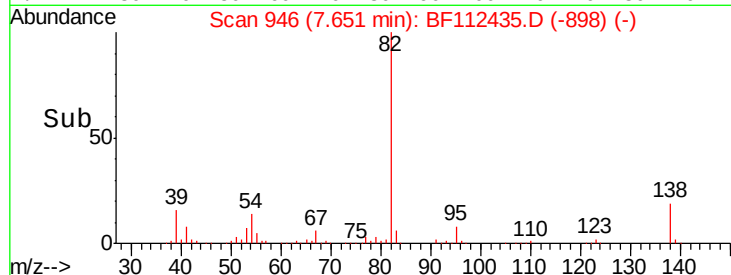
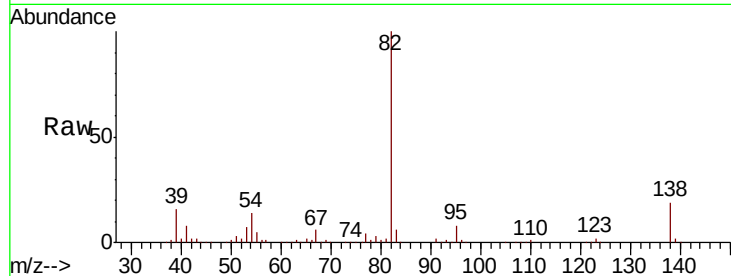
ClientSampleId :

98-SB-01-2-4MSD

Tot Ion:	82	Resp:	362504
Ion Ratio		Lower	Upper
82	100		
95	7.9	5.7	8.5
138	19.3	15.4	23.0

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#26

2-Nitrophenol

Concen: 22.480 ng

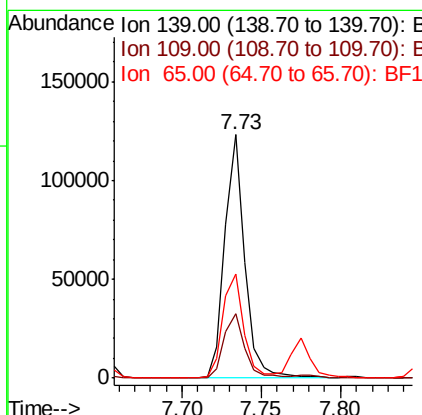
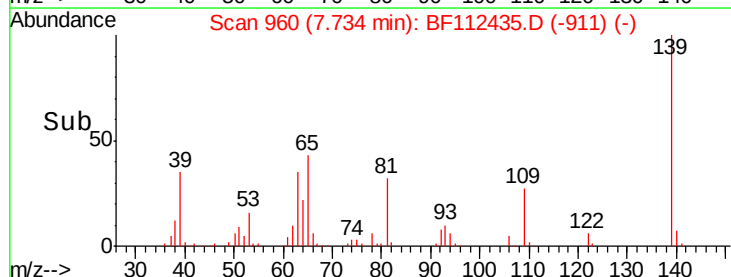
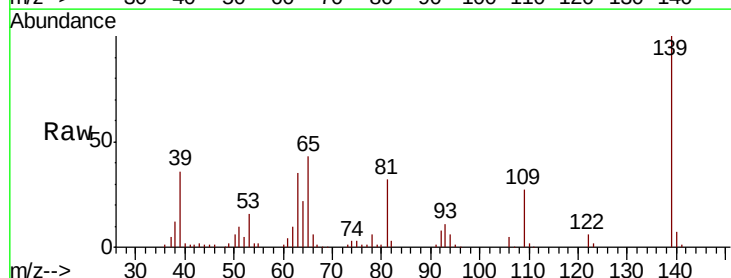
RT: 7.73 min Scan# 960

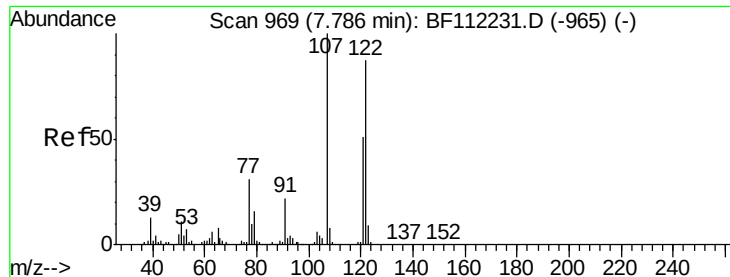
Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Tgt Ion:	139	Resp:	108621
Ion Ratio		Lower	Upper
139	100		
109	26.7	20.8	31.2
65	43.0	34.4	51.6





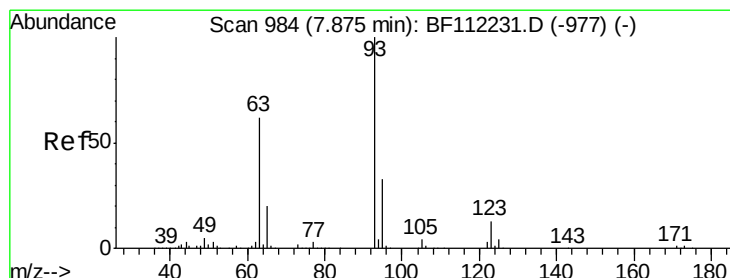
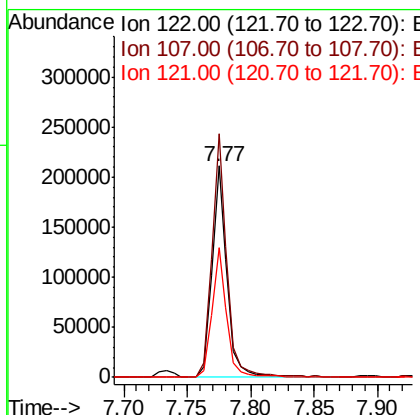
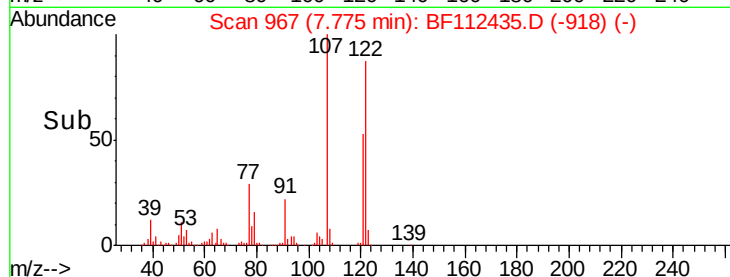
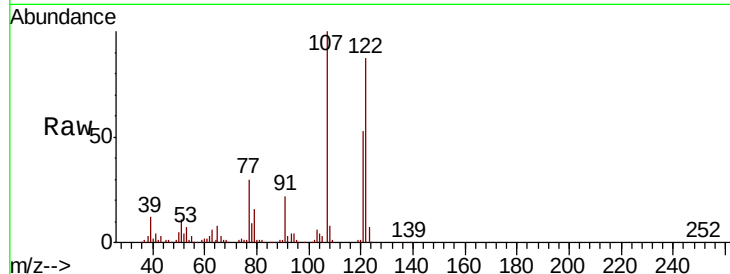
#27
2,4-Dimethylphenol
Concen: 26.657 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.1	85.4	128.0
121	61.1	47.0	70.4

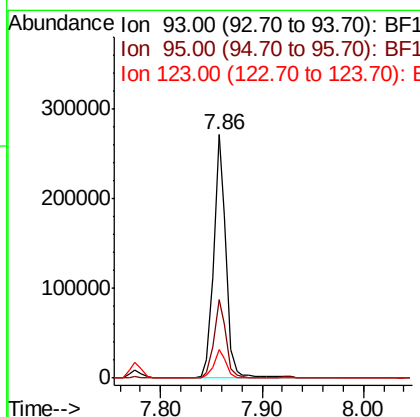
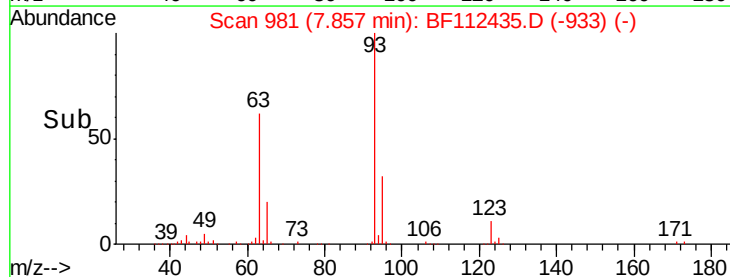
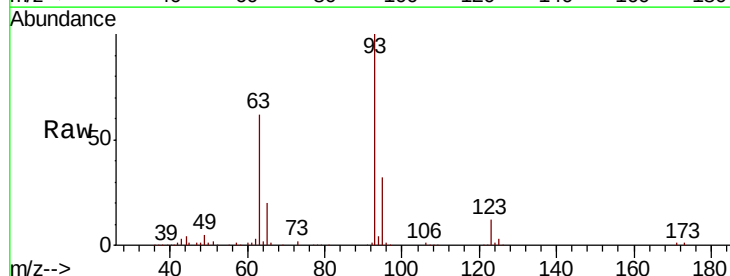
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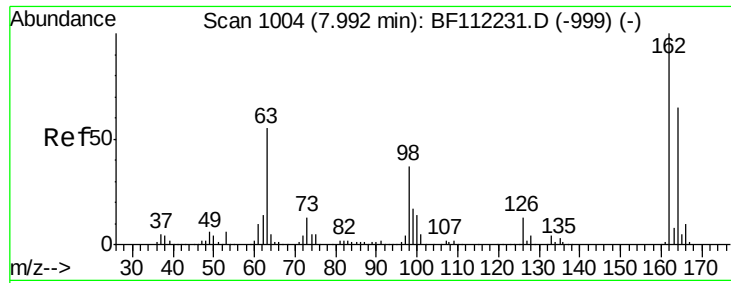
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#28
bis(2-Chloroethoxy)methane
Concen: 23.723 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.8	40.2
123	11.5	10.2	15.2





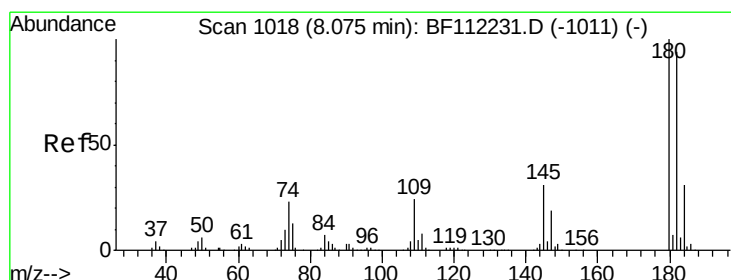
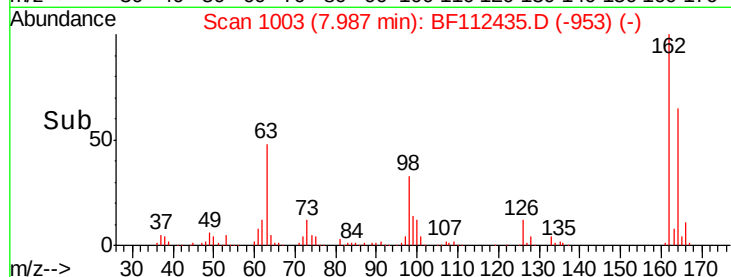
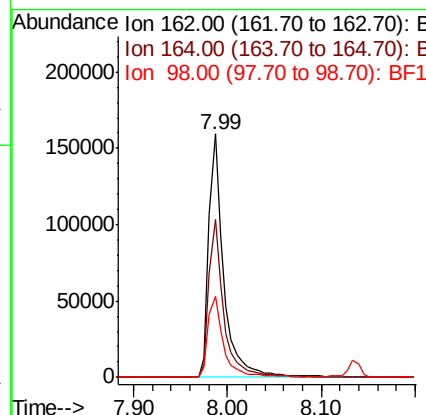
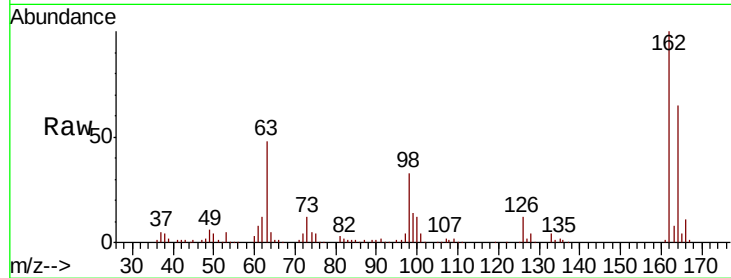
#29
2,4-Dichlorophenol
Concen: 23.824 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	177481		
164	64.8	44.6	84.6	
98	33.2	14.6	54.6	

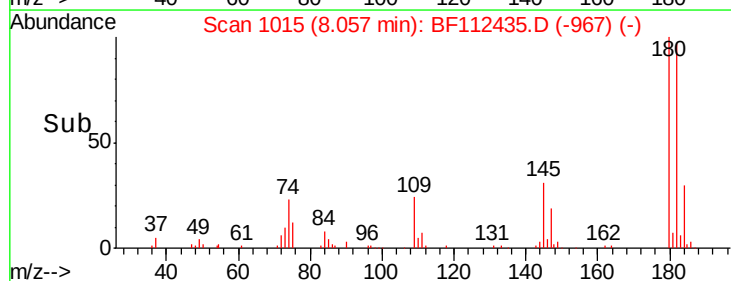
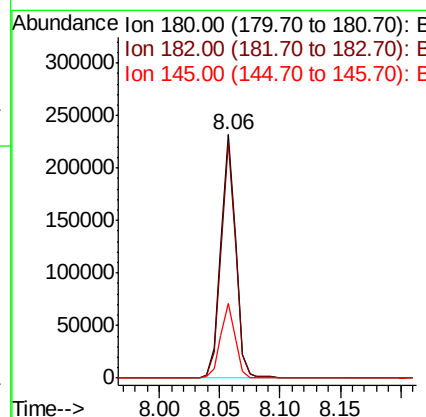
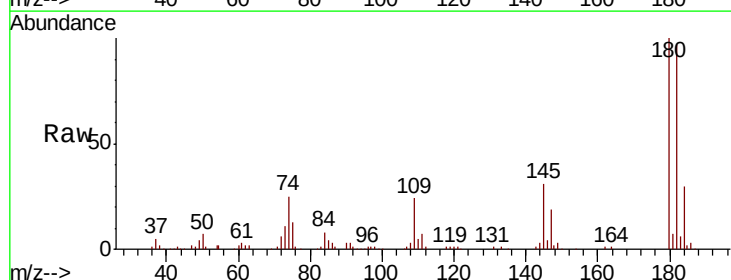
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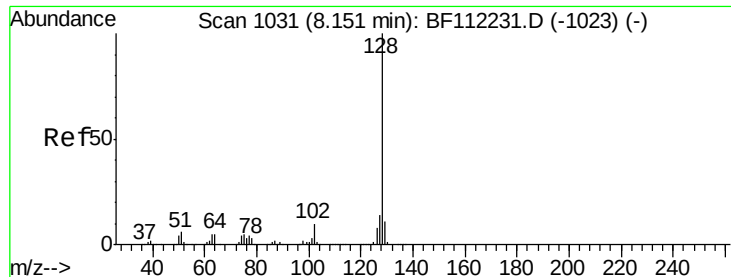
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#30
1,2,4-Trichlorobenzene
Concen: 22.728 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	194627		
182	96.8	76.4	114.6	
145	30.7	25.0	37.4	





#31

Naphthalene

Concen: 25.409 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

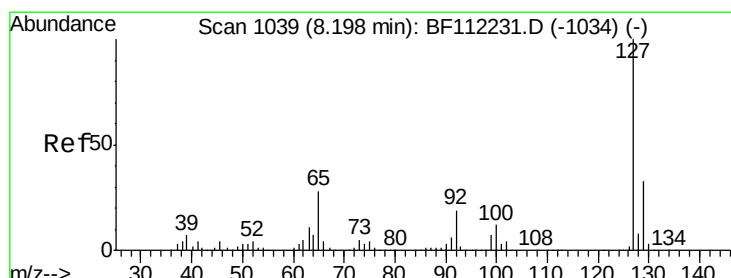
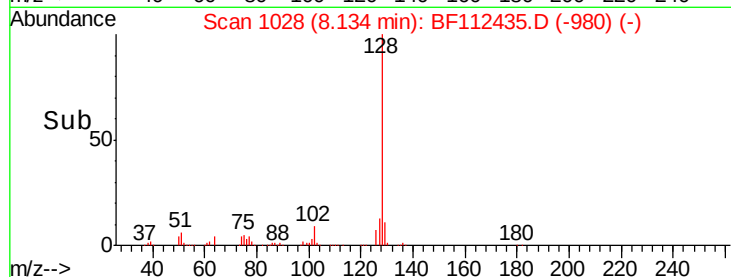
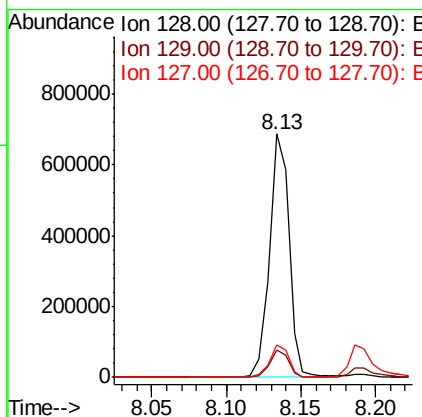
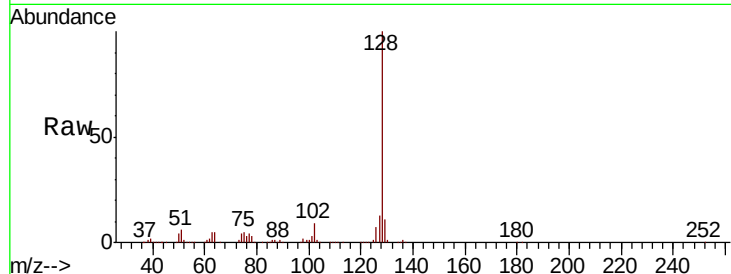
ClientSampleId :

98-SB-01-2-4MSD

Tot Ion:	128	Resp:	619829
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.6	14.4
127	13.3	11.1	16.7

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#33

4-Chloroaniline

Concen: 10.507 ng

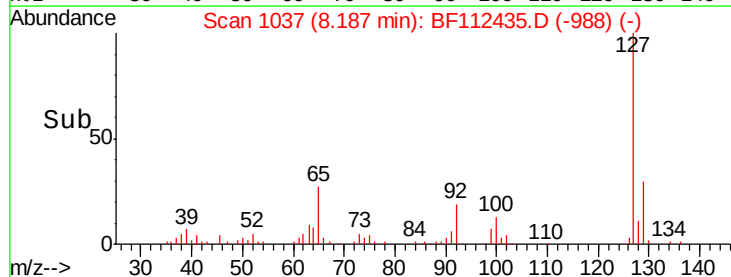
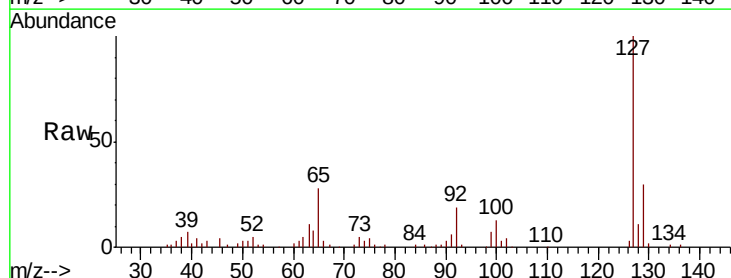
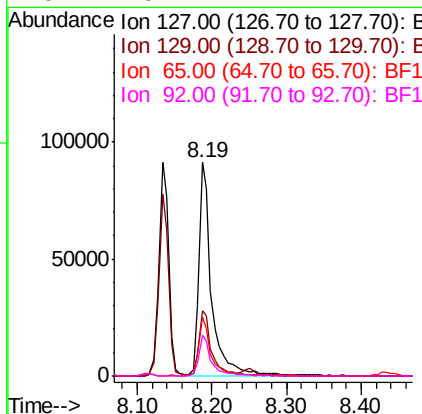
RT: 8.19 min Scan# 1037

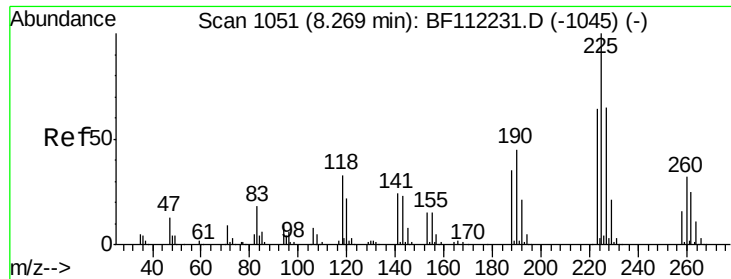
Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Tgt Ion:	127	Resp:	111601
Ion Ratio	Lower	Upper	
127	100		
129	30.4	26.6	39.8
65	27.6	21.4	32.2
92	19.2	14.2	21.2





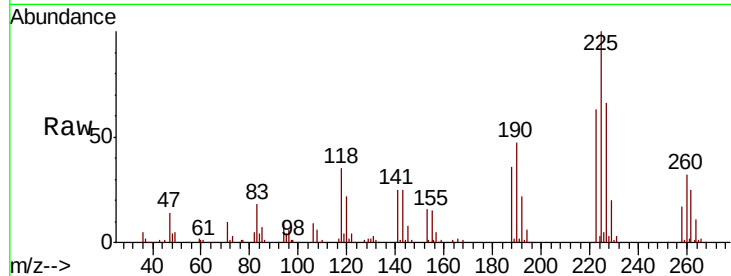
#34
Hexachlorobutadiene
Concen: 20.967 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

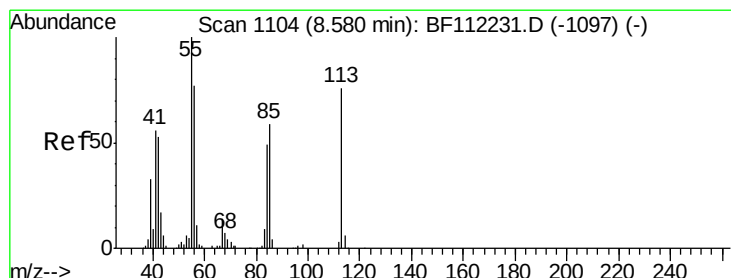
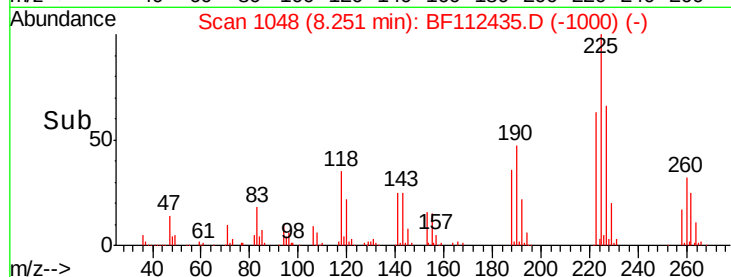
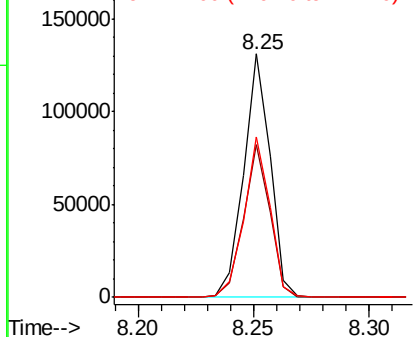
Tot Ion	Ratio	Resp	Lower	Upper
225	100	105359		
223	63.0		50.3	75.5
227	66.0		51.8	77.8

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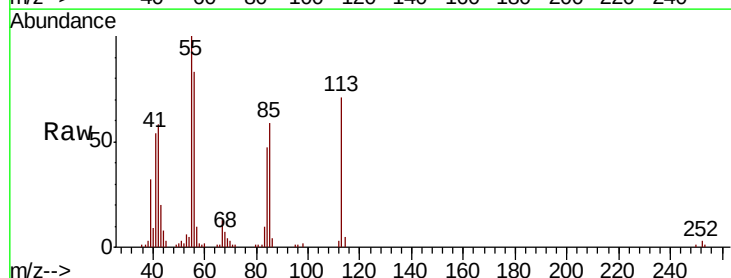


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

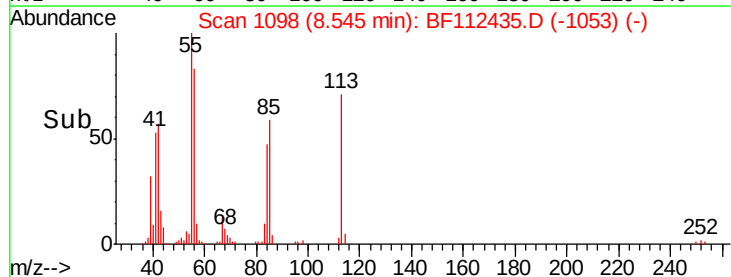
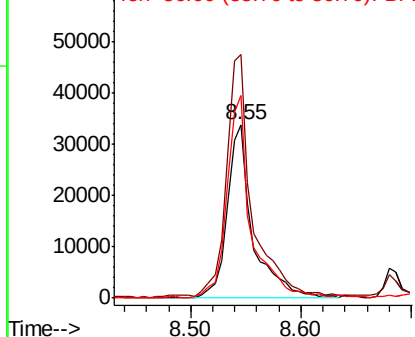


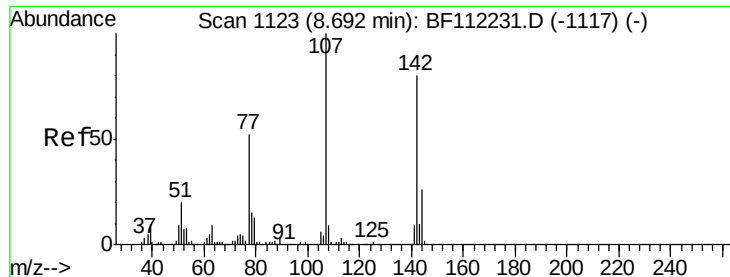
#35
Caprolactam
Concen: 20.966 ng
RT: 8.55 min Scan# 1098
Delta R.T. -0.04 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	55101		
55	140.2		121.6	161.6
56	116.4		86.7	126.7



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





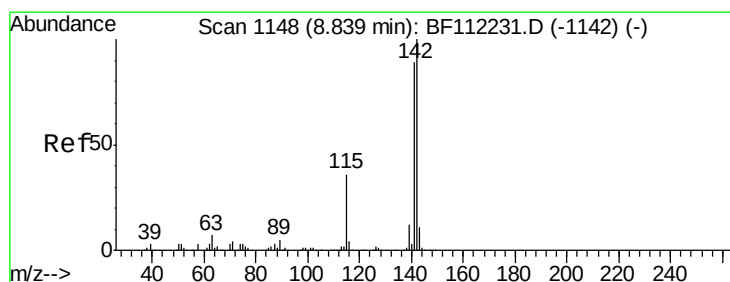
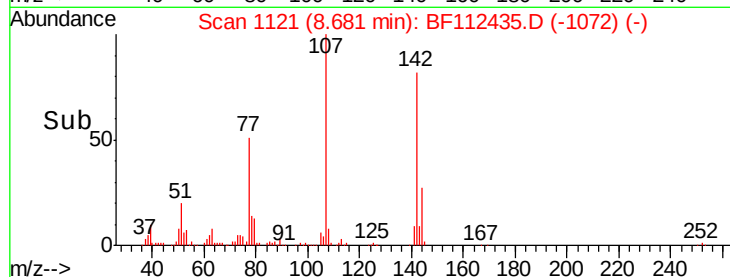
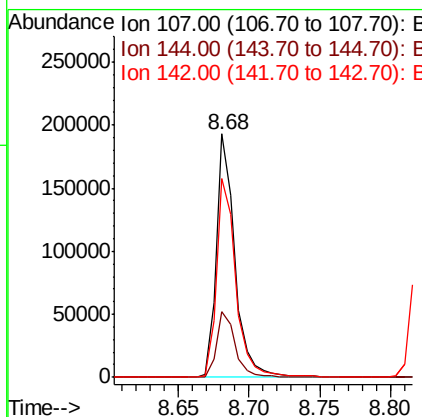
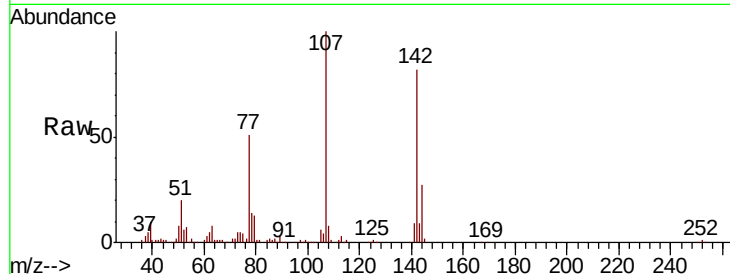
#36
4-Chloro-3-methylphenol
Concen: 22.450 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion	Ratio	Lower	Upper
107	100		
144	26.8	22.2	33.2
142	81.7	67.7	101.5

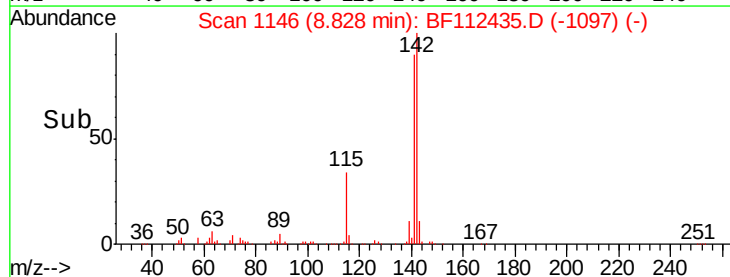
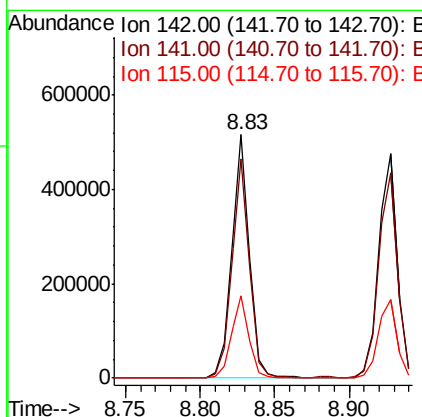
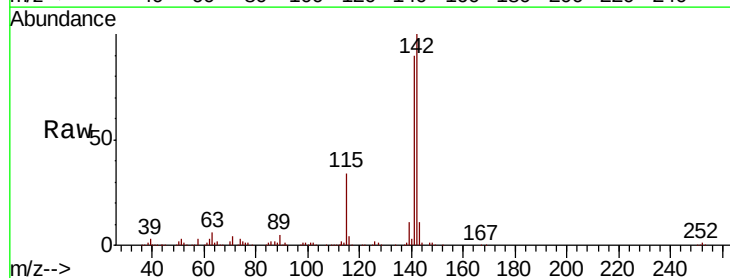
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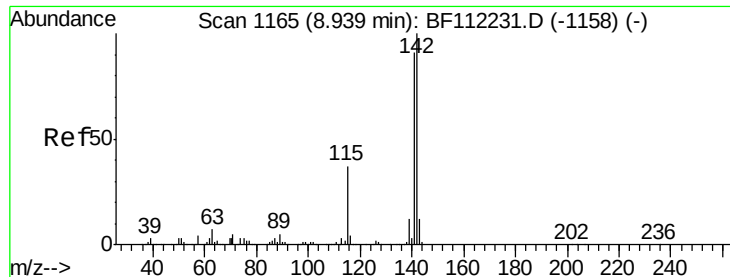
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#37
2-Methylnaphthalene
Concen: 25.805 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.9	106.3
115	33.7	24.9	37.3





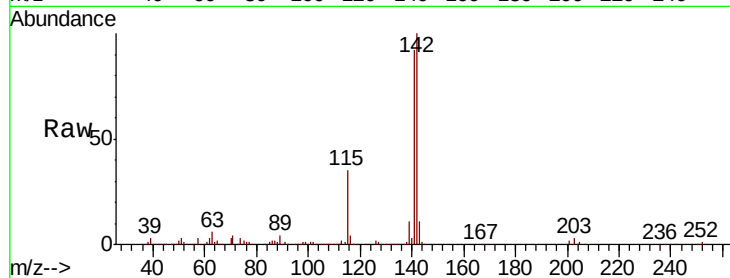
#38
1-Methylnaphthalene
Concen: 25.126 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.6	108.8
116	3.7	2.8	4.2

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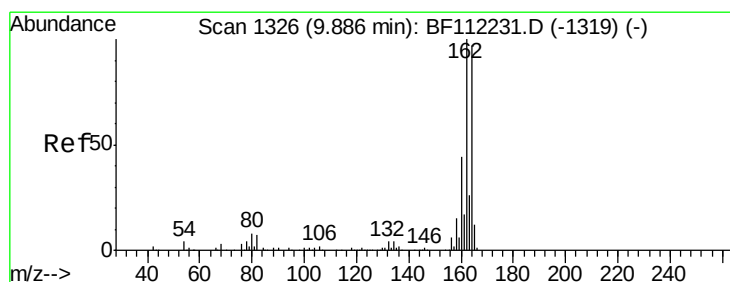
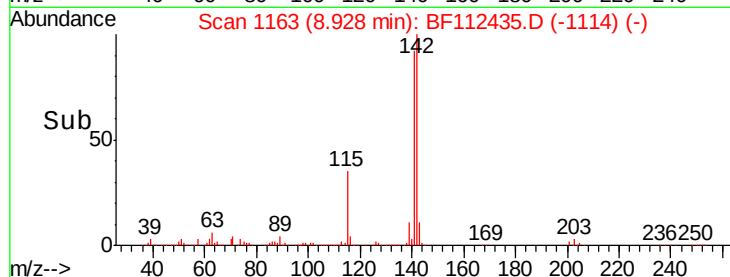
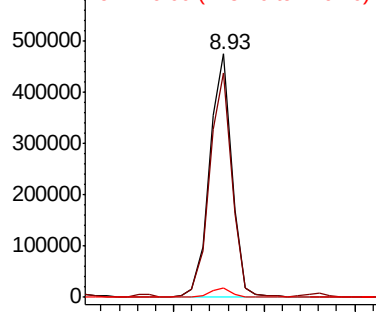


Abundance

Ion 142.00 (141.70 to 142.70): E

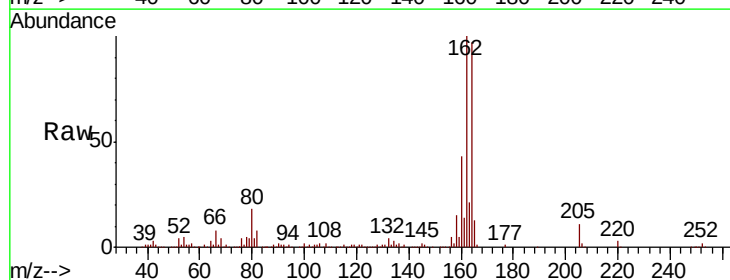
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.2	123.4
160	44.6	36.2	54.4

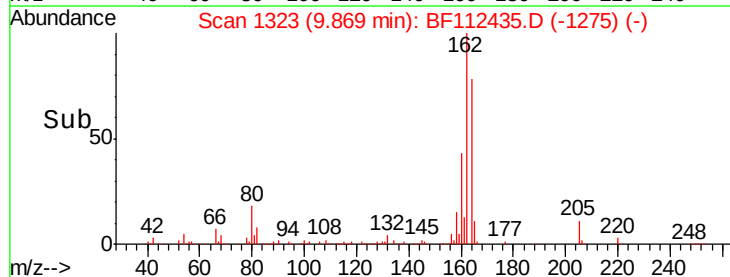
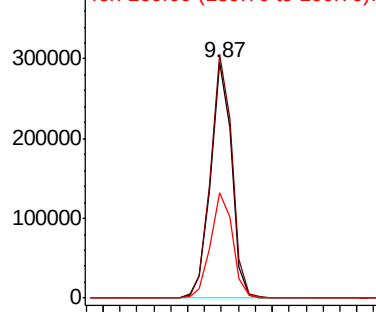


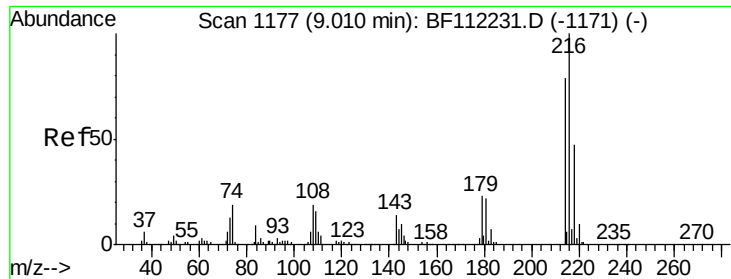
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





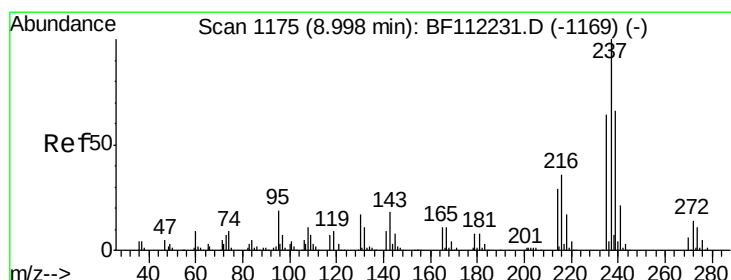
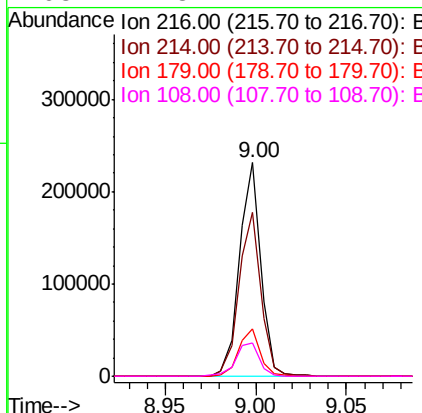
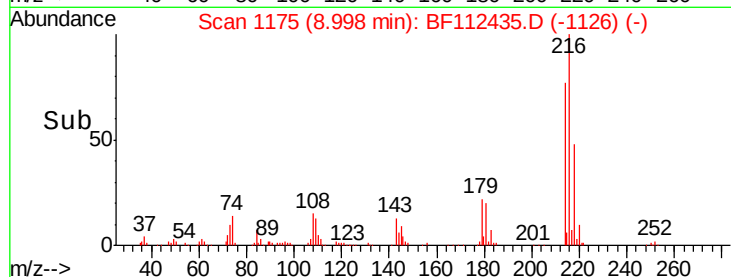
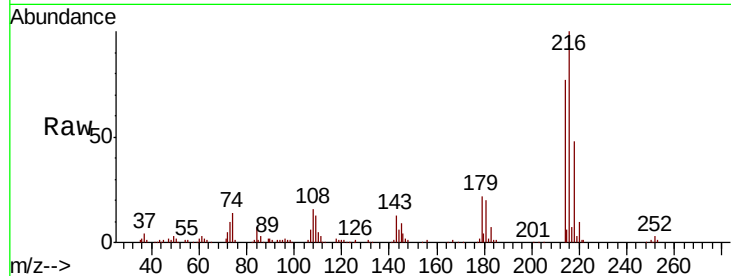
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 22.760 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF112435.D
 Acq: 7 Feb 2019 13:56

Instrument :
 BNA_F
 ClientSampled :
 98-SB-01-2-4MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		190222		
214	78.8	63.8	95.6		
179	22.1	16.9	25.3		
108	17.8	14.2	21.4		

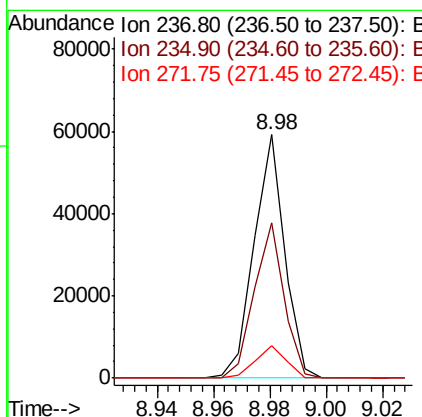
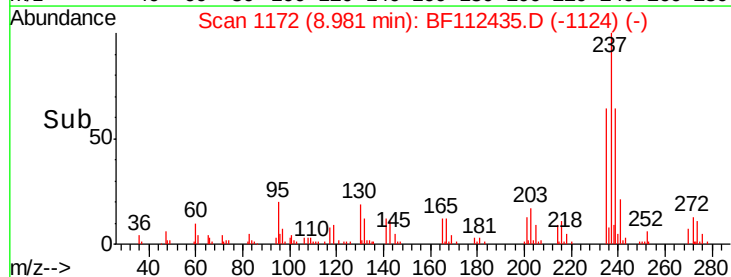
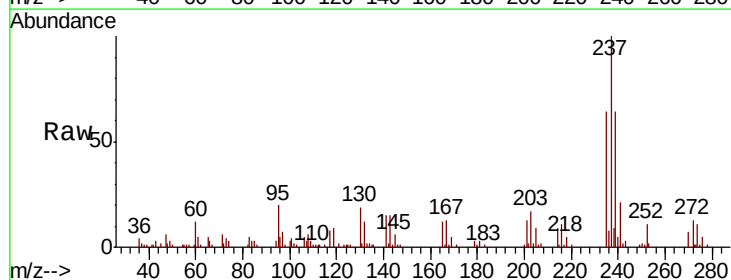
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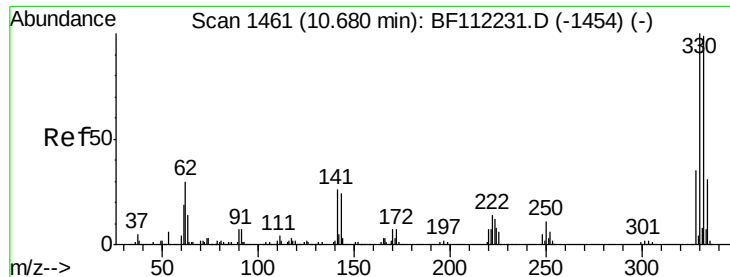
Sohil
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#41
 Hexachlorocyclopentadiene
 Concen: 21.833 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF112435.D
 Acq: 7 Feb 2019 13:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		44318		
235	63.5	44.0	84.0		
272	13.3	0.0	33.3		





#42

2,4,6-Tribromophenol

Concen: 67.296 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

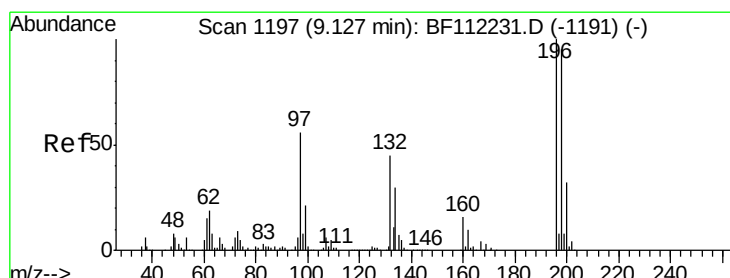
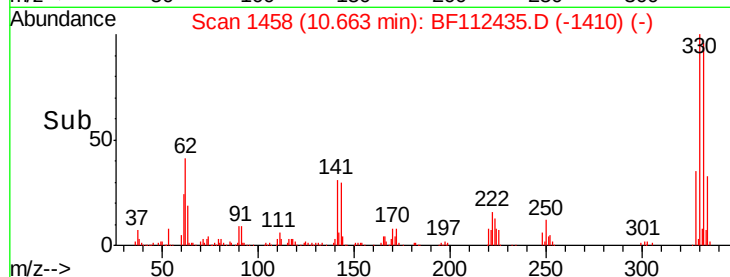
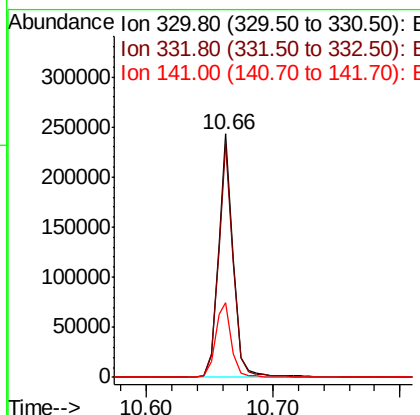
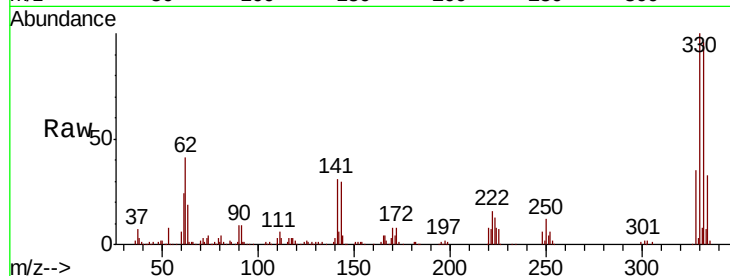
ClientSampleId :

98-SB-01-2-4MSD

Tot Ion:	330	Resp:	199391
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.6	114.8
141	33.8	24.3	36.5

Manual Integrations
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#43

2,4,6-Trichlorophenol

Concen: 23.516 ng

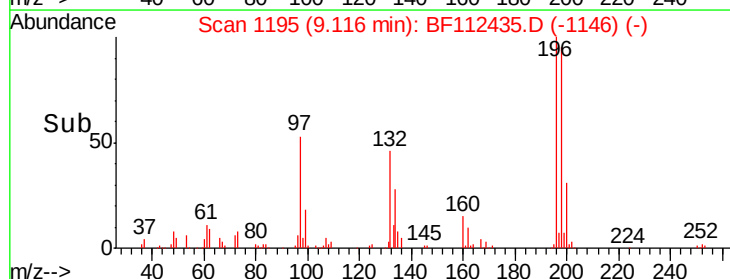
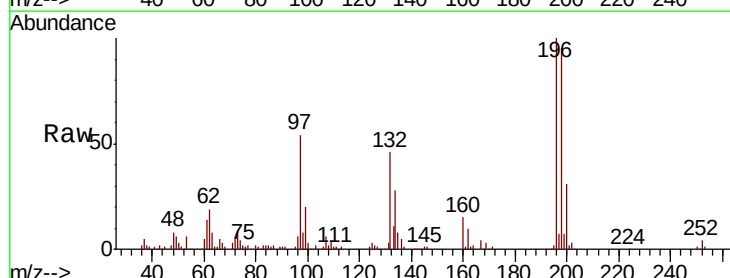
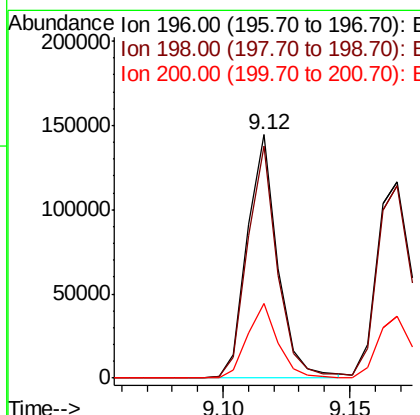
RT: 9.12 min Scan# 1195

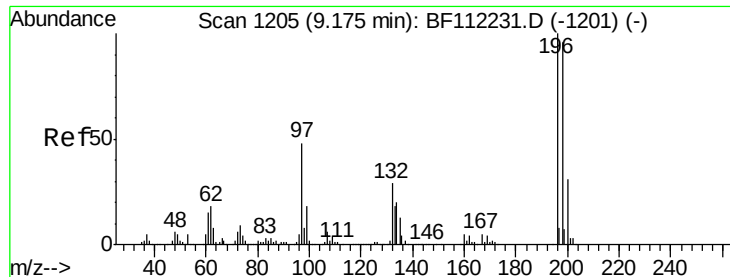
Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Tgt Ion:	196	Resp:	121150
Ion Ratio	Lower	Upper	
196	100		
198	95.2	76.2	114.4
200	30.9	24.3	36.5





#44

2,4,5-Trichlorophenol

Concen: 23.558 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

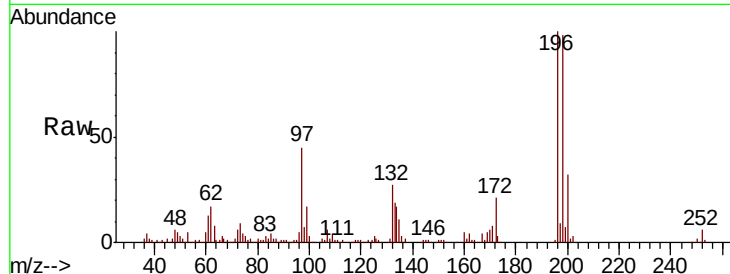
ClientSampleId :

98-SB-01-2-4MSD

Tot Ion:	196	Resp:	126844
Ion Ratio	Lower	Upper	
196	100		
198	98.2	76.0	114.0
97	45.3	36.4	54.6
132	27.0	21.5	32.3

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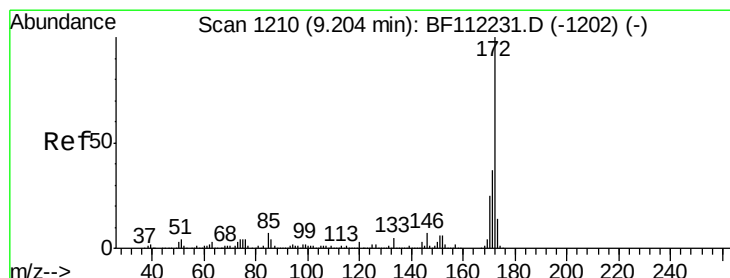
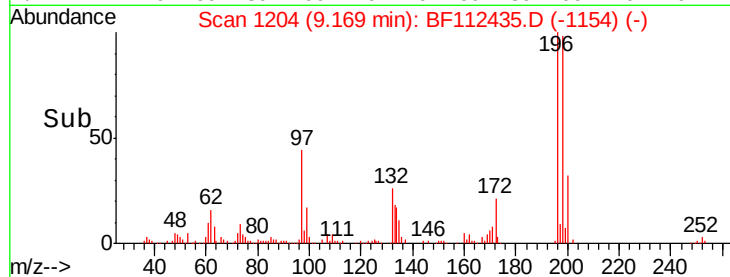
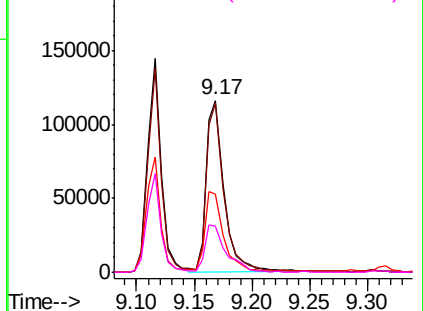
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45

2-Fluorobiphenyl

Concen: 48.438 ng

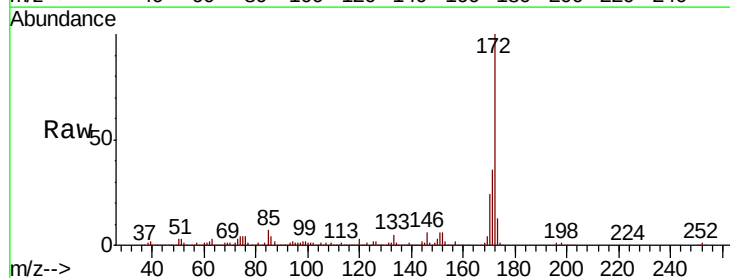
RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Tgt Ion:	172	Resp:	871779
Ion Ratio	Lower	Upper	
172	100		
171	35.7	30.5	45.7
170	23.7	20.2	30.4

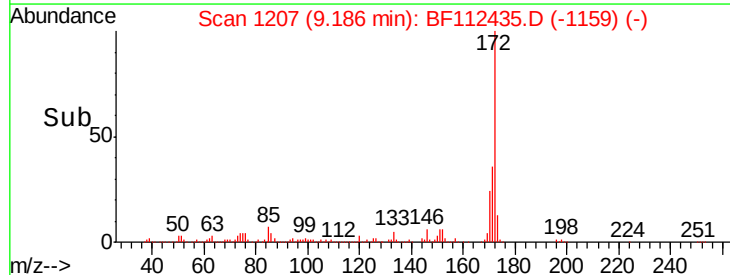
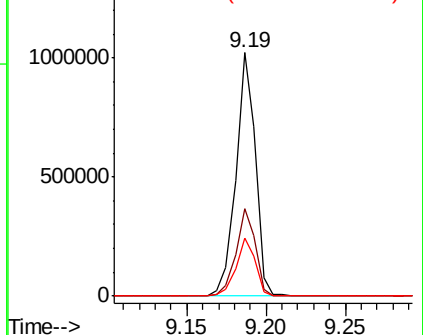


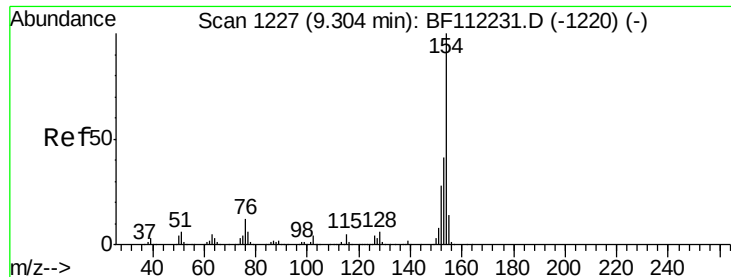
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





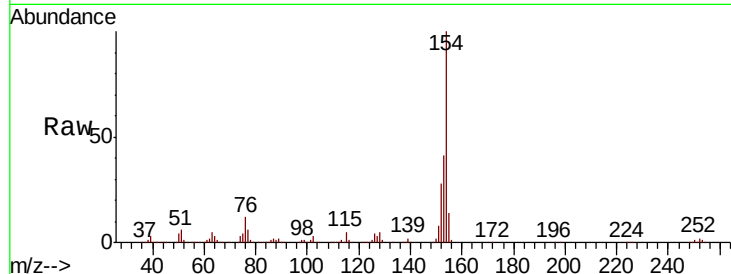
#46
1,1'-Biphenyl
Concen: 23.212 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.02 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

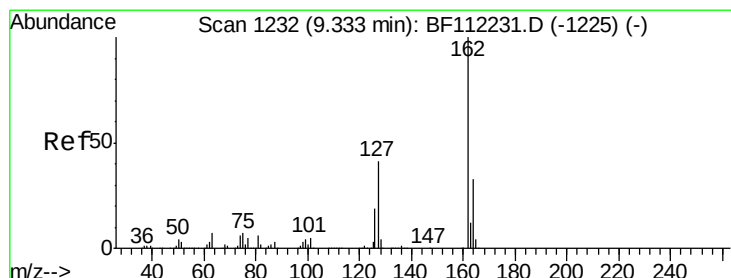
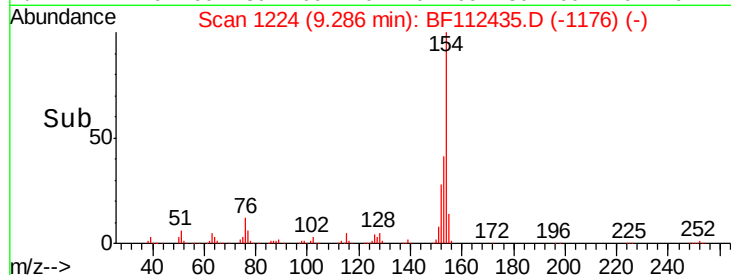
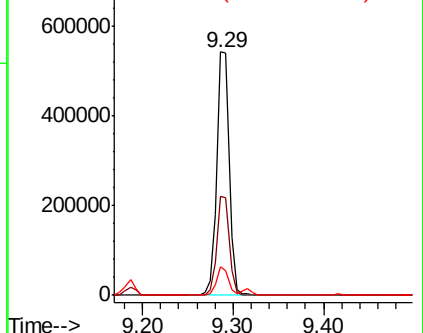
Tot Ion:	154	Resp:	516558
Ion Ratio	Lower	Upper	
154	100		
153	40.7	21.5	61.5
76	11.8	0.0	33.1

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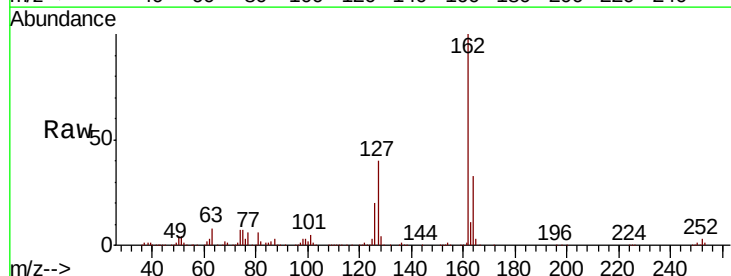


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

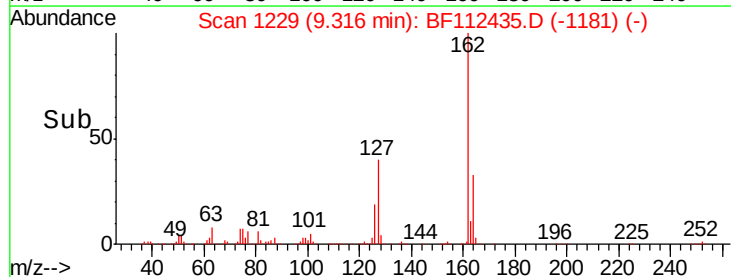
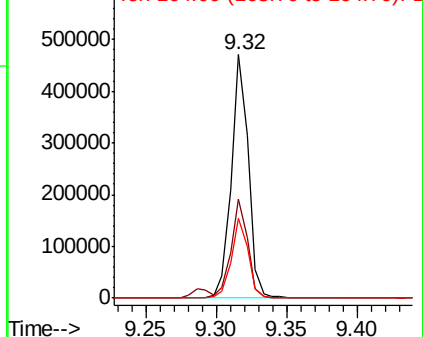


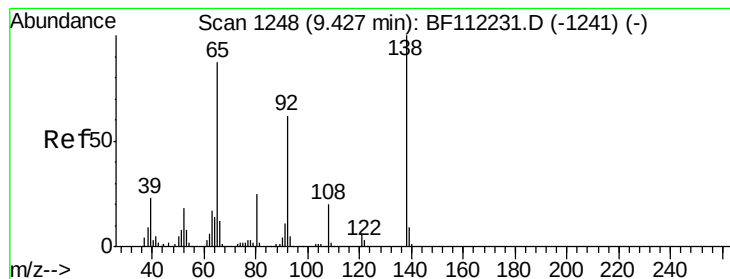
#47
2-Chloronaphthalene
Concen: 22.941 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.02 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Tgt Ion:	162	Resp:	395893
Ion Ratio	Lower	Upper	
162	100		
127	40.4	30.4	45.6
164	32.7	27.4	41.2



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





#48

2-Nitroaniline

Concen: 23.494 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

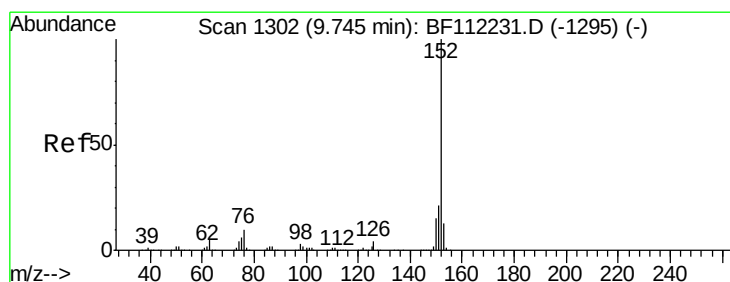
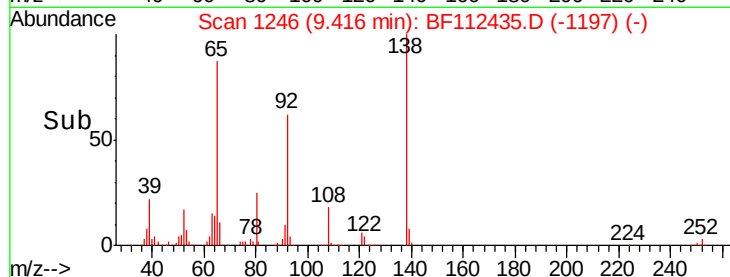
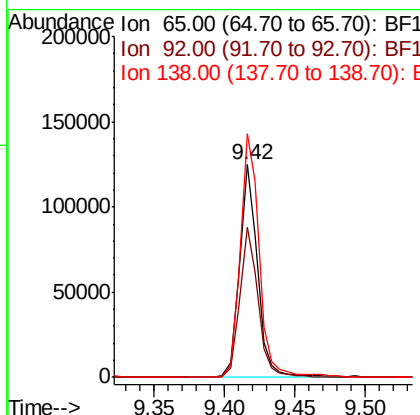
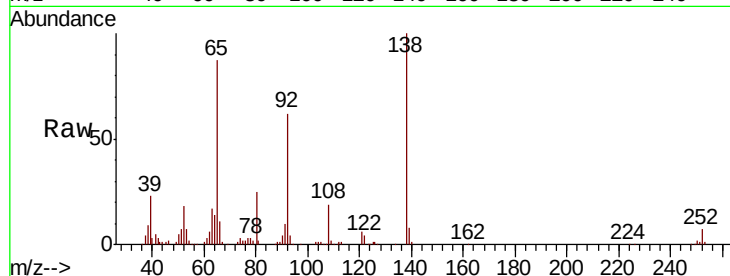
ClientSampleId :

98-SB-01-2-4MSD

Tot Ion:	65	Resp:	110504
Ion Ratio	Lower	Upper	
65	100		
92	70.7	60.4	90.6
138	114.5	104.4	156.6

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#49

Acenaphthylene

Concen: 25.127 ng

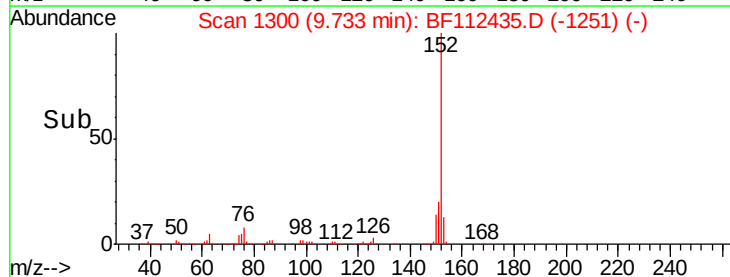
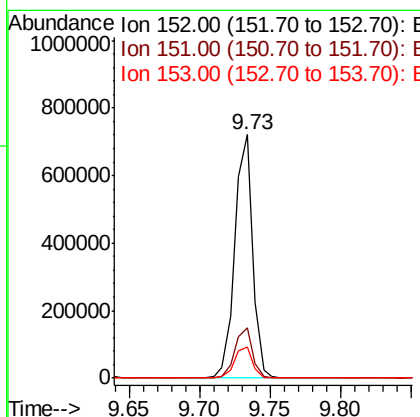
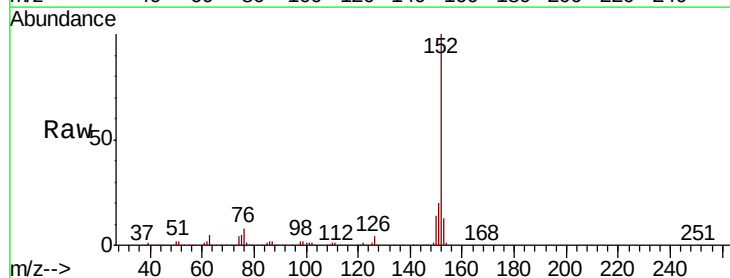
RT: 9.73 min Scan# 1300

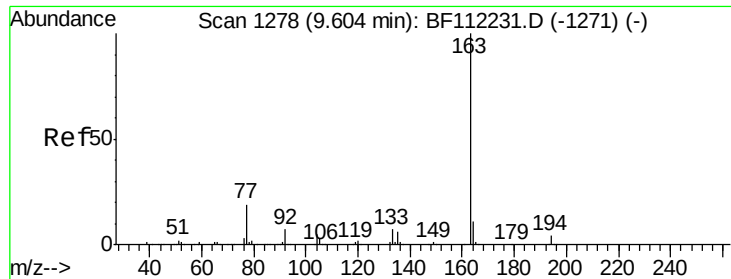
Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Tgt Ion:	152	Resp:	635562
Ion Ratio	Lower	Upper	
152	100		
151	20.4	17.0	25.6
153	12.8	11.2	16.8





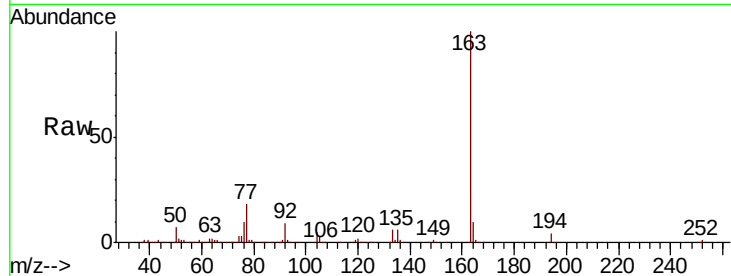
#50
Dimethylphthalate
Concen: 25.582 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Instrument :
BNA_F
ClientSampled :
98-SB-01-2-4MSD

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.8	3.3	4.9
164	10.0	8.5	12.7

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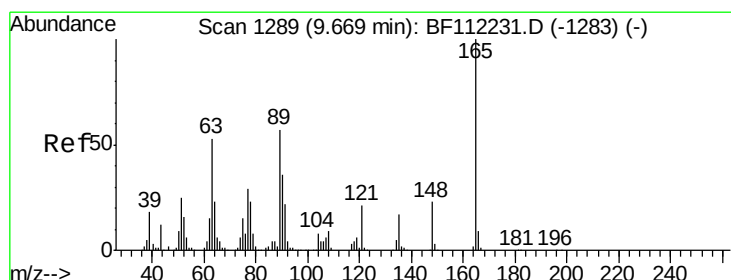
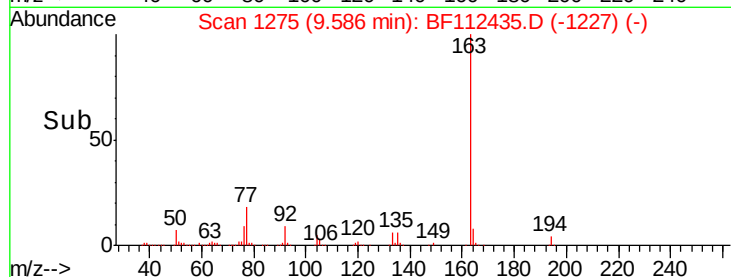
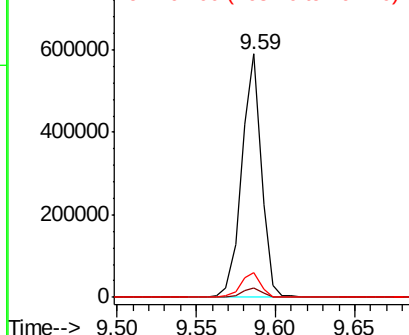


Abundance

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



#51
2,6-Dinitrotoluene
Concen: 22.700 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

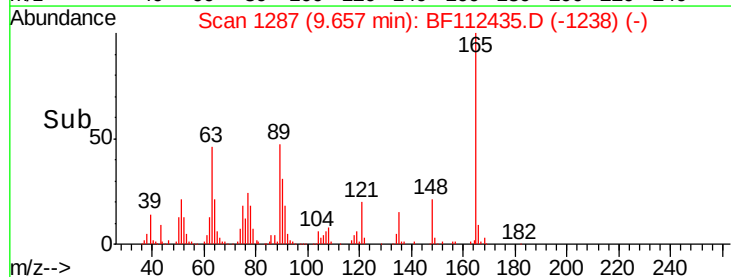
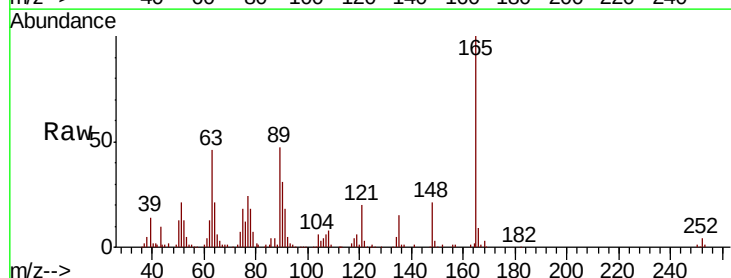
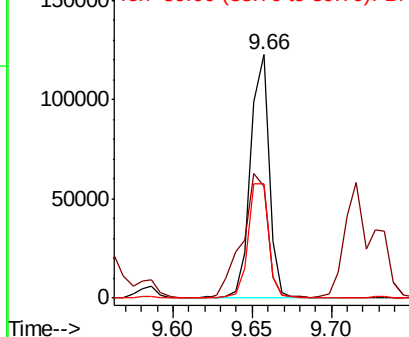
Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	45.8	33.8	50.8
89	46.8	36.9	55.3

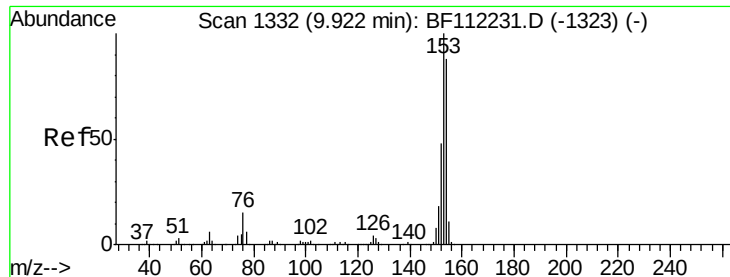
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 24.101 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

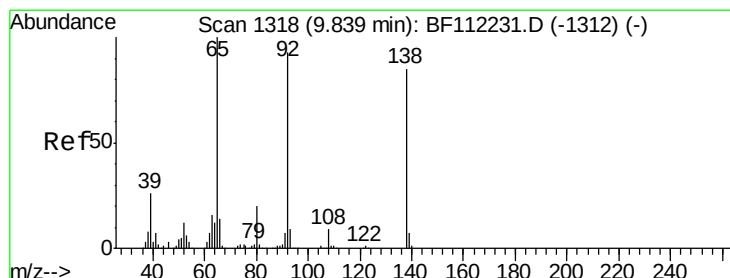
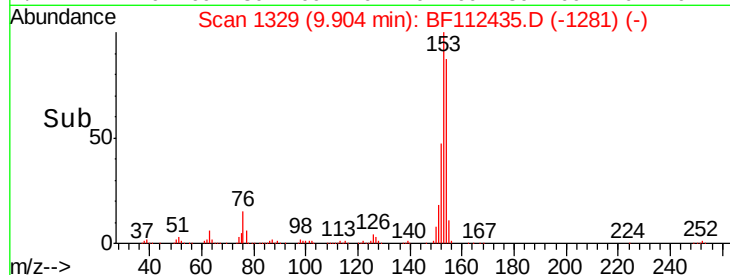
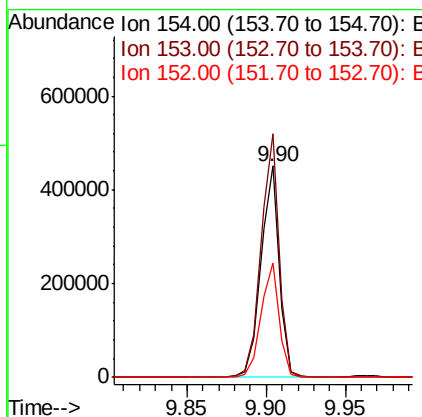
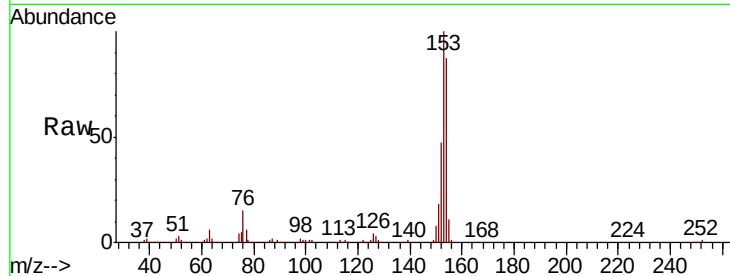
ClientSampleId :

98-SB-01-2-4MSD

Tot Ion:	154	Resp:	364166
Ion Ratio	Lower	Upper	
154	100		
153	115.3	89.8	134.6
152	54.4	43.5	65.3

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#53

3-Nitroaniline

Concen: 16.822 ng

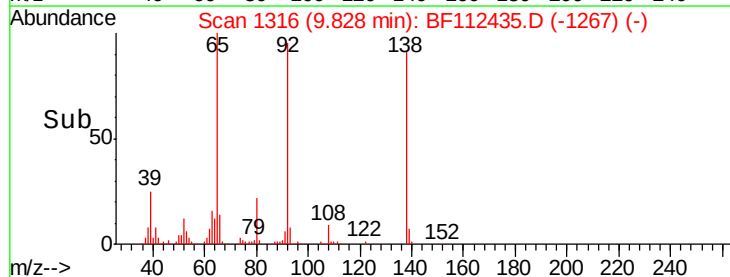
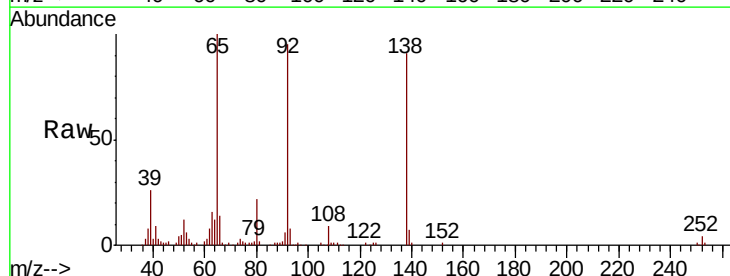
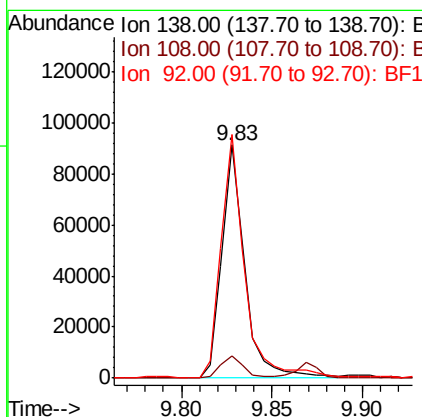
RT: 9.83 min Scan# 1316

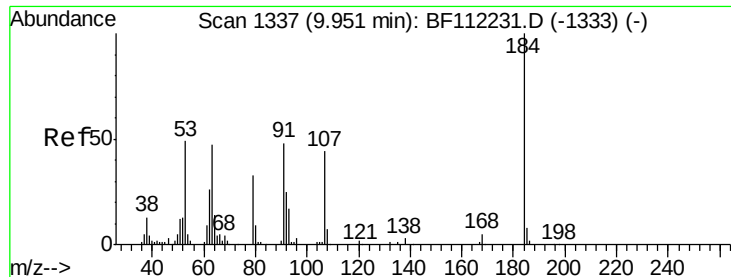
Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Tgt Ion:	138	Resp:	80724
Ion Ratio	Lower	Upper	
138	100		
108	9.5	9.8	14.6#
92	104.4	79.4	119.2





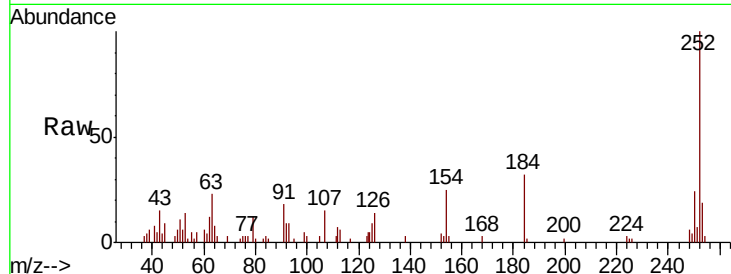
#54
 2,4-Dinitrophenol
 Concen: 5.338 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. 0.01 min
 Lab File: BF112435.D
 Acq: 7 Feb 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

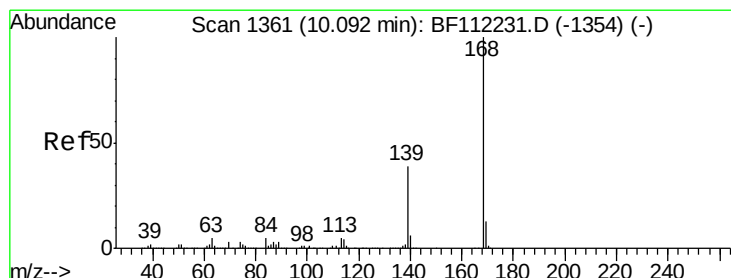
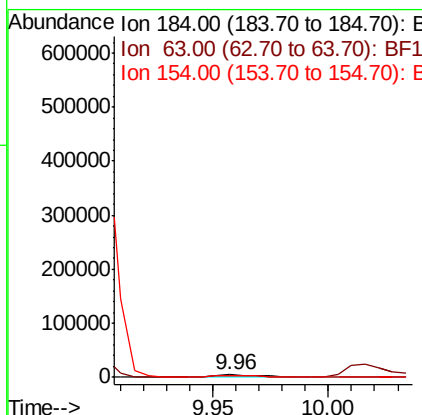
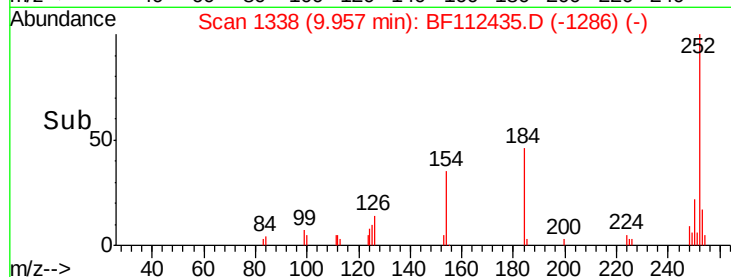
Tot Ion	Ratio	Lower	Upper
184	100		
63	71.4	47.1	70.7#
154	76.5	48.9	73.3#

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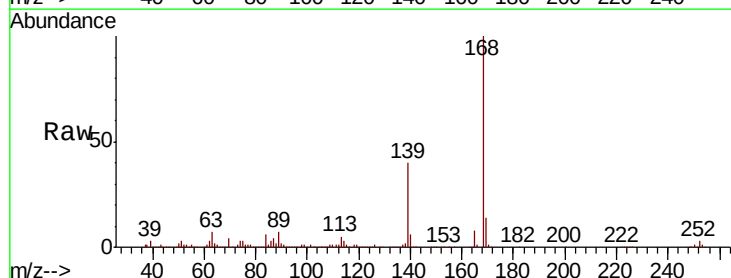


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

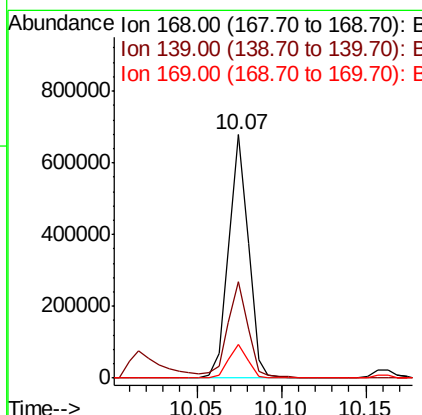
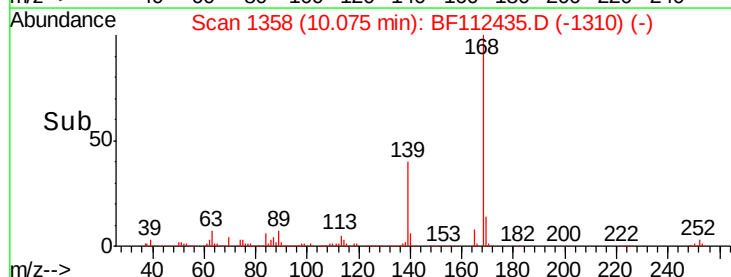


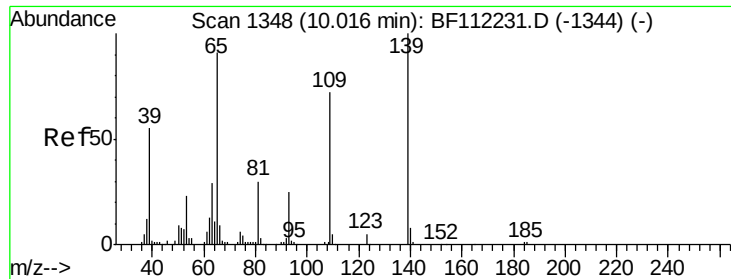
#55
 Dibenzofuran
 Concen: 23.893 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.02 min
 Lab File: BF112435.D
 Acq: 7 Feb 2019 13:56

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.6	29.2	43.8
169	13.7	11.4	17.0



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





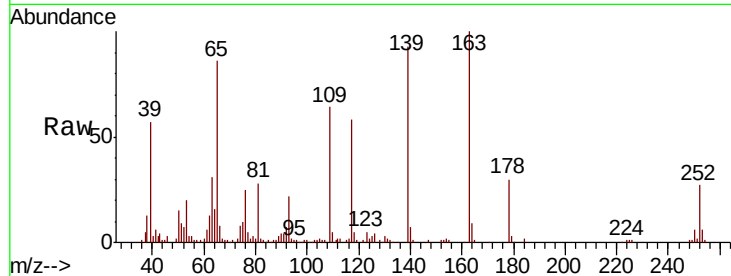
#56
4-Nitrophenol
Concen: 40.636 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	103095		
109	69.0	42.8	82.8	
65	92.9	66.1	106.1	

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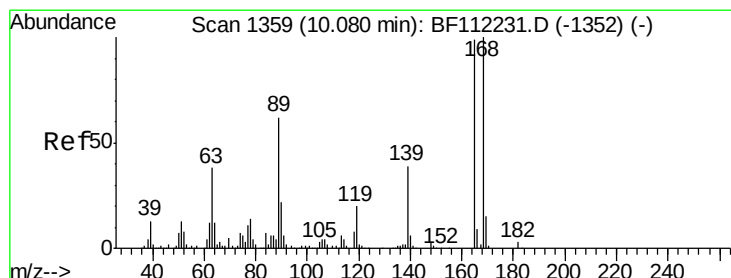
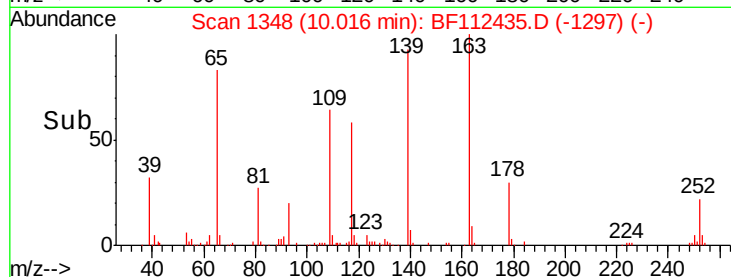
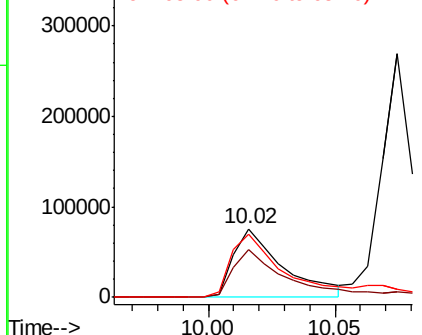


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#57
2,4-Dinitrotoluene
Concen: 23.376 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	131814		
63	49.2	27.9	41.9#	
89	68.4	47.9	71.9	
182	2.6	2.2	3.4	

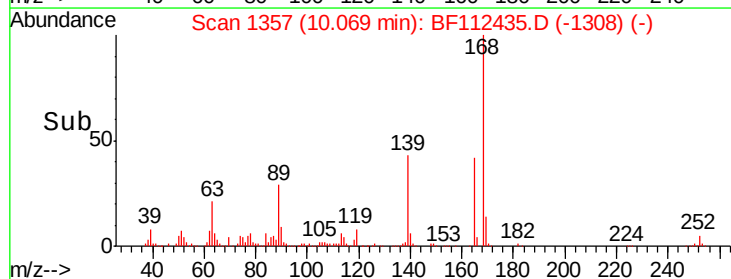
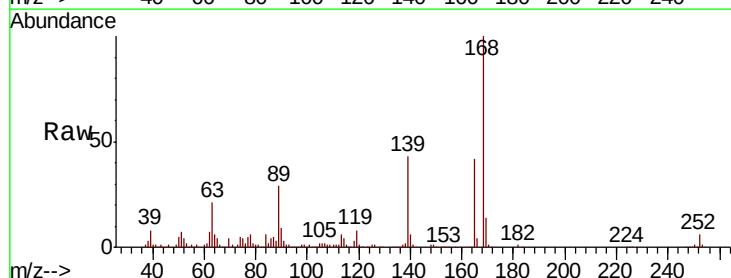
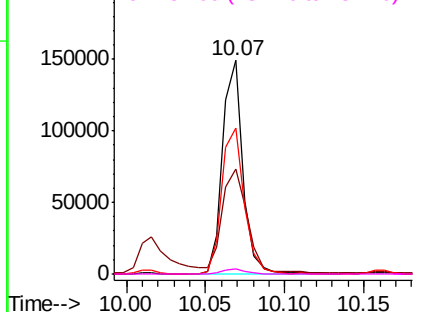
Abundance

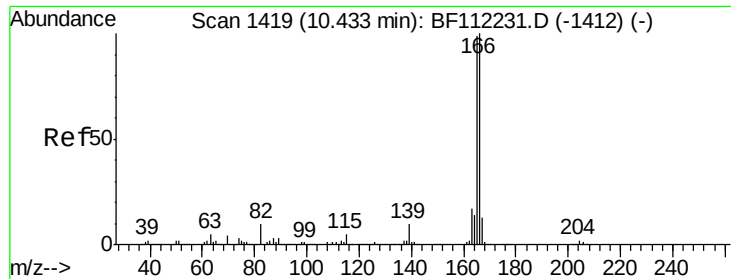
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





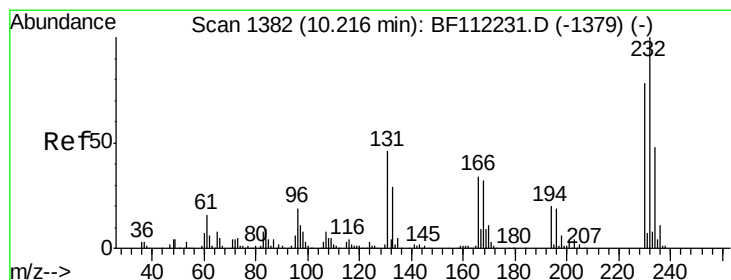
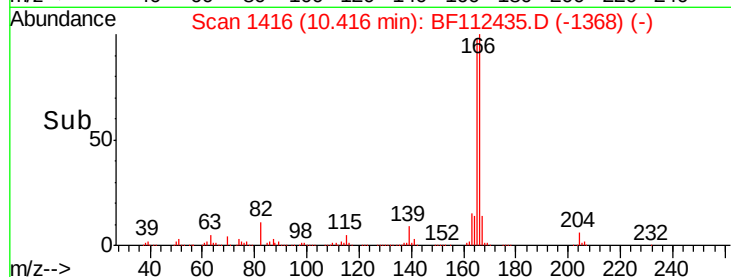
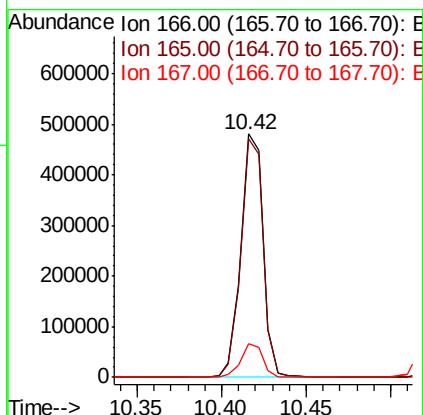
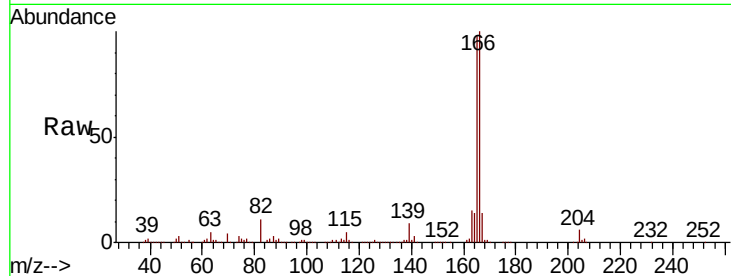
#58
 Fluorene
 Concen: 25.701 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.02 min
 Lab File: BF112435.D
 Acq: 7 Feb 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.1	115.7
167	14.0	11.3	16.9

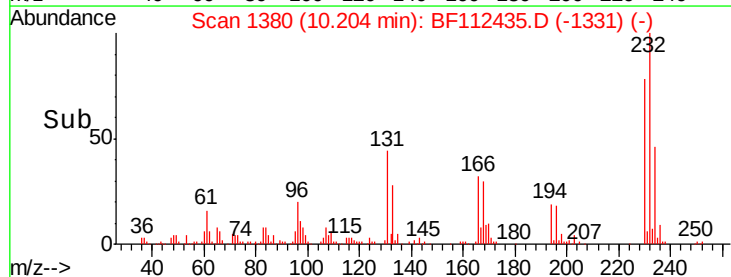
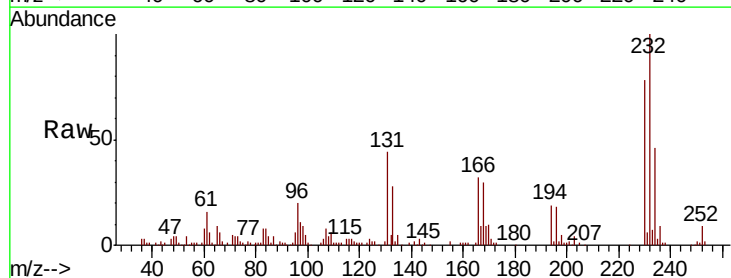
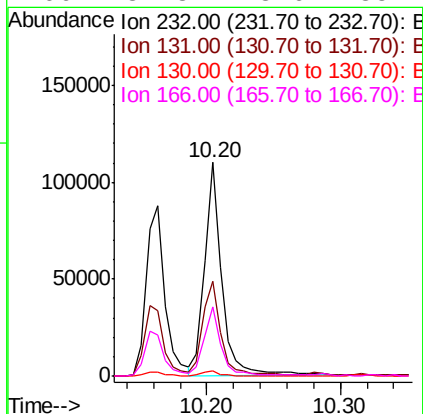
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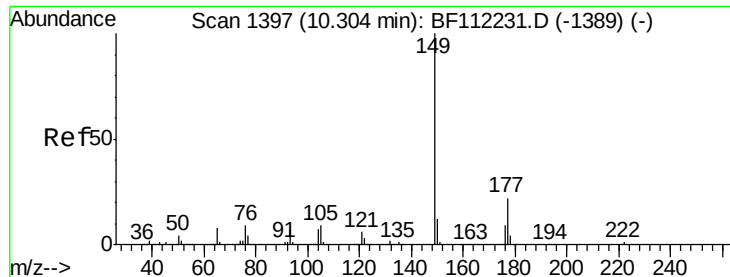
Sohil
 2/11/2019 4:49:52 PM



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 24.164 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF112435.D
 Acq: 7 Feb 2019 13:56

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.9	33.9	50.9
130	2.5	1.8	2.6
166	31.8	23.6	35.4





#60

Diethylphthalate

Concen: 23.298 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.02 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

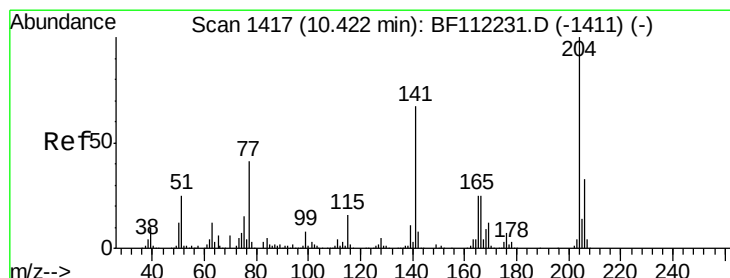
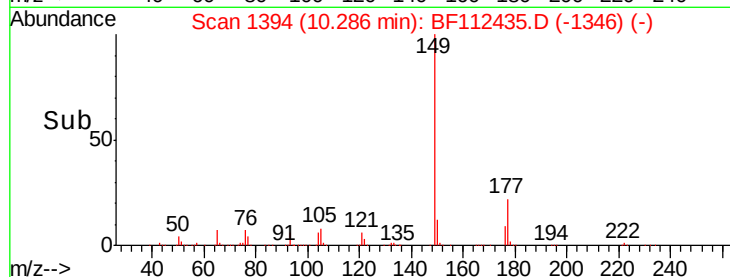
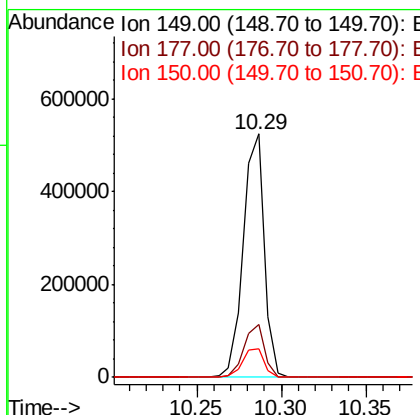
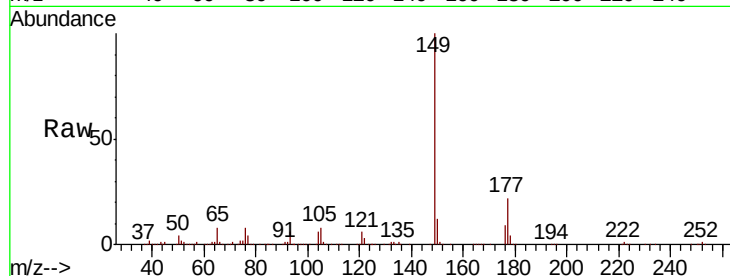
ClientSampled :

98-SB-01-2-4MSD

Tot Ion:	149	Resp:	457271
Ion Ratio	Lower	Upper	
149	100		
177	21.7	18.2	27.2
150	11.8	10.4	15.6

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#61

4-Chlorophenyl-phenylether

Concen: 21.670 ng

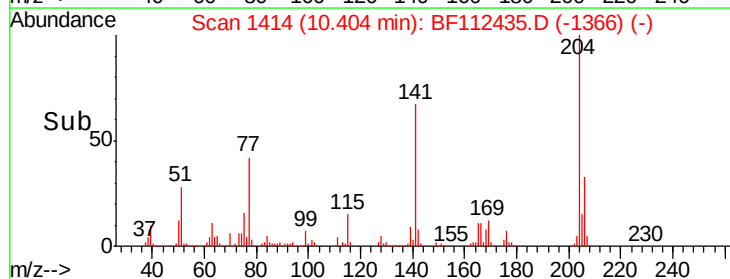
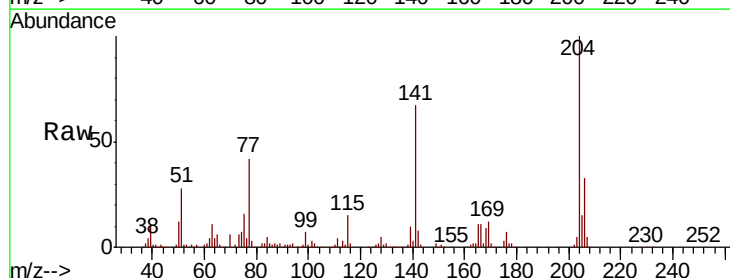
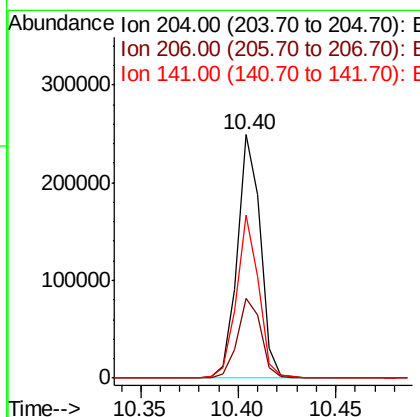
RT: 10.40 min Scan# 1414

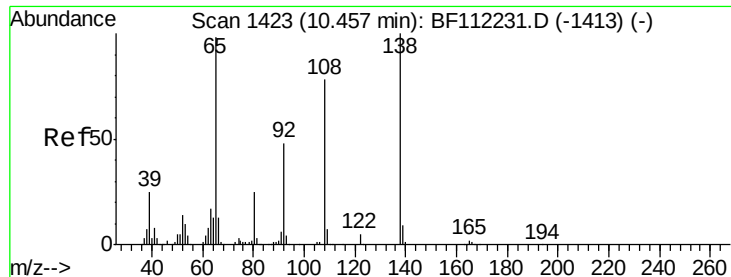
Delta R.T. -0.02 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Tgt Ion:	204	Resp:	203682
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.5	39.7
141	67.0	45.9	68.9





#62

4-Nitroaniline

Concen: 20.907 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.02 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

Tot Ion:138 Resp: 98403

Ion Ratio Lower Upper

138 100

92 47.2 30.6 70.6

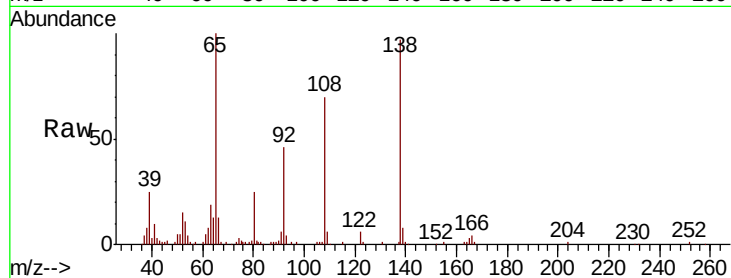
108 71.8 50.0 90.0

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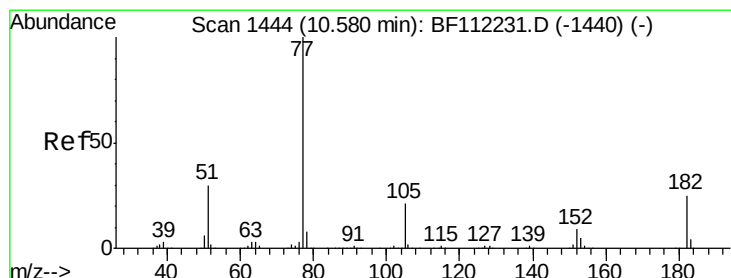
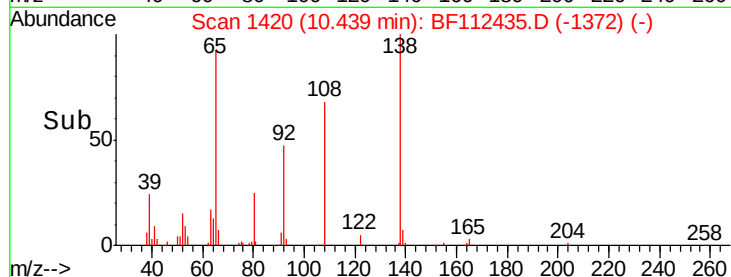
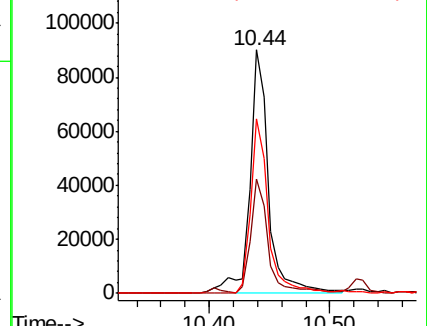
2/11/2019 4:49:52 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 22.750 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Tgt Ion: 77 Resp: 392692

Ion Ratio Lower Upper

77 100

182 29.8 5.7 45.7

105 21.5 1.4 41.4

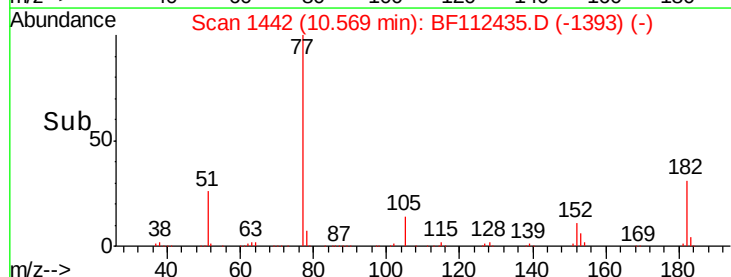
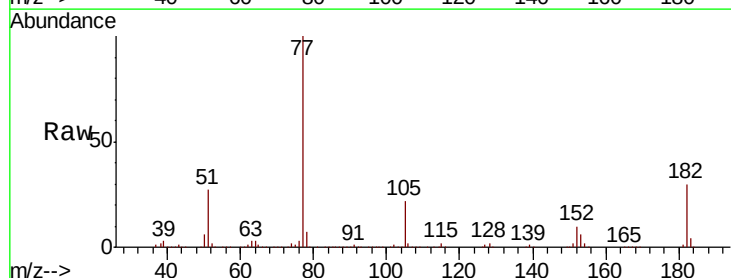
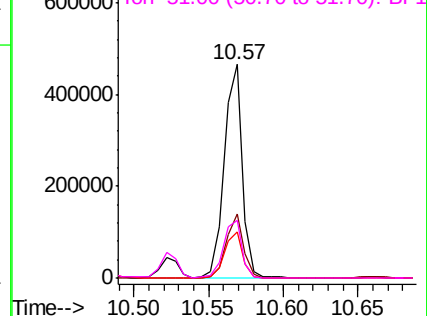
51 27.1 9.5 49.5

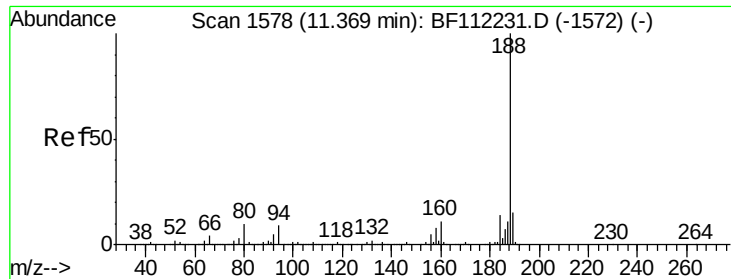
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

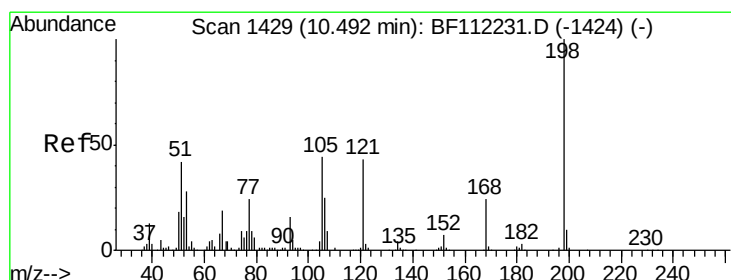
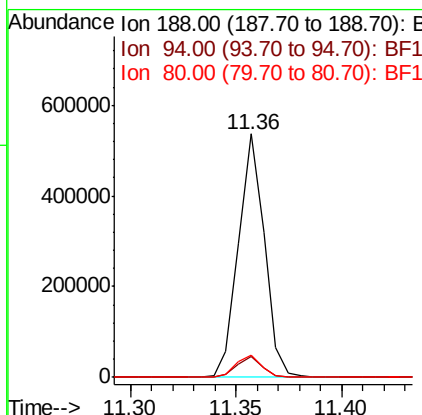
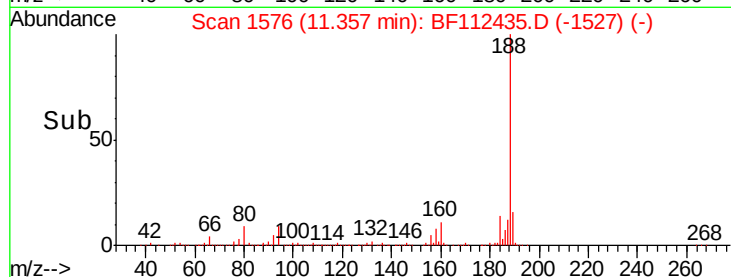
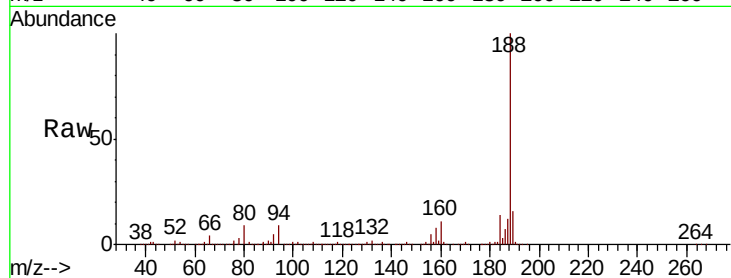
ClientSampled :

98-SB-01-2-4MSD

Tot Ion:	188	Resp:	457771
Ion Ratio	Lower	Upper	
188	100		
94	8.7	8.2	12.2
80	9.2	8.9	13.3

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#65

4,6-Dinitro-2-methylphenol

Concen: 7.730 ng

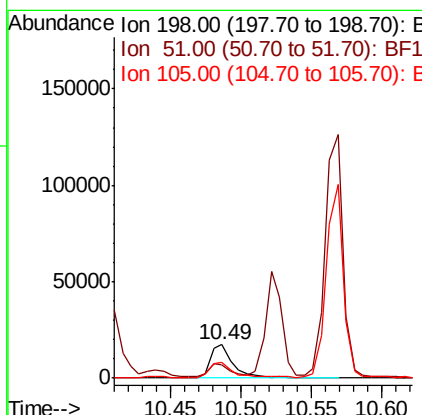
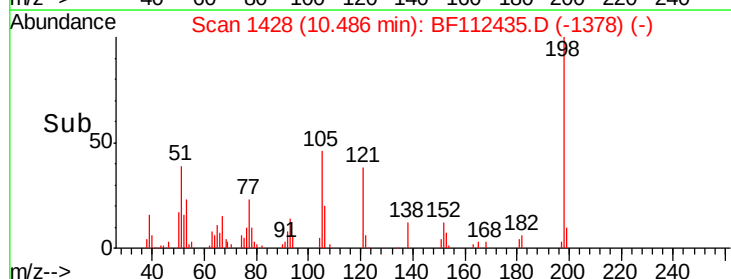
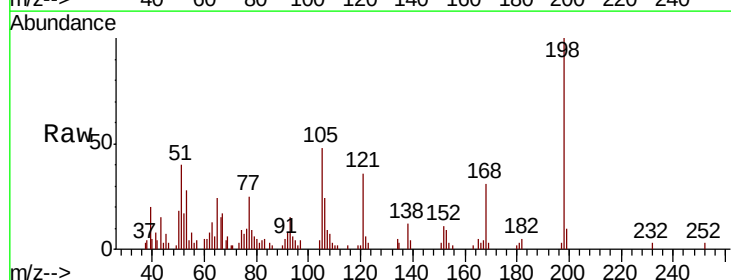
RT: 10.49 min Scan# 1428

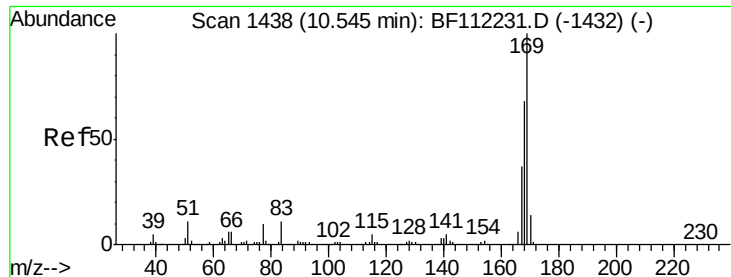
Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Tgt Ion:	198	Resp:	19839
Ion Ratio	Lower	Upper	
198	100		
51	40.0	17.2	57.2
105	48.5	21.9	61.9





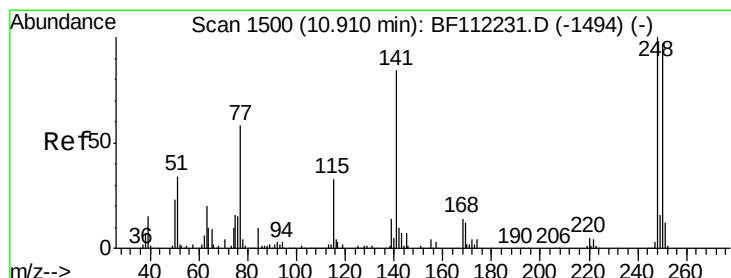
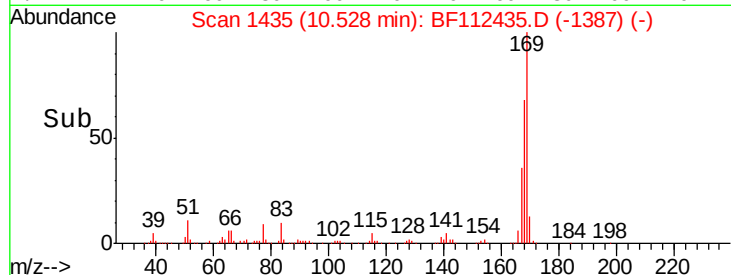
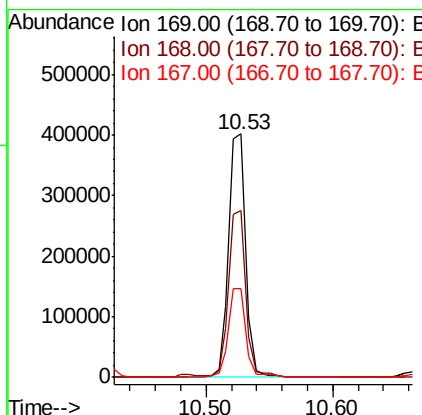
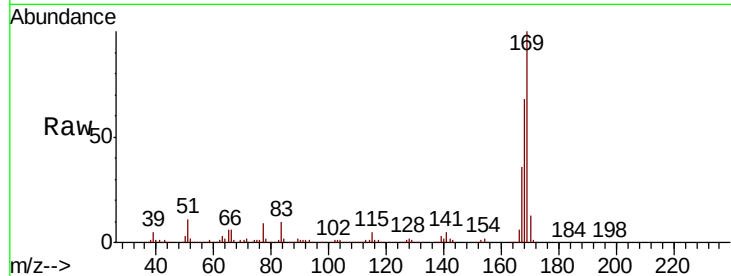
#66
 n-Nitrosodiphenylamine
 Concen: 23.968 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.02 min
 Lab File: BF112435.D
 Acq: 7 Feb 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.5	53.9	80.9
167	36.4	28.9	43.3

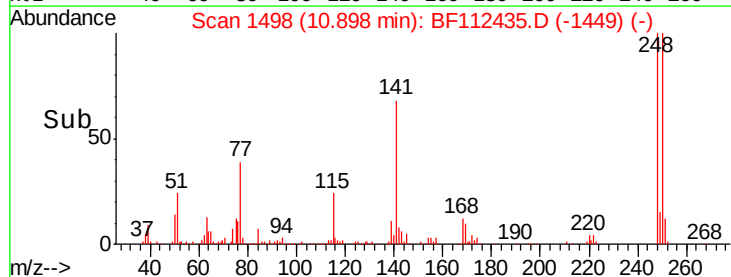
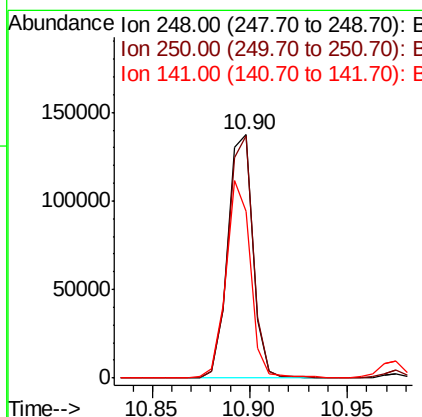
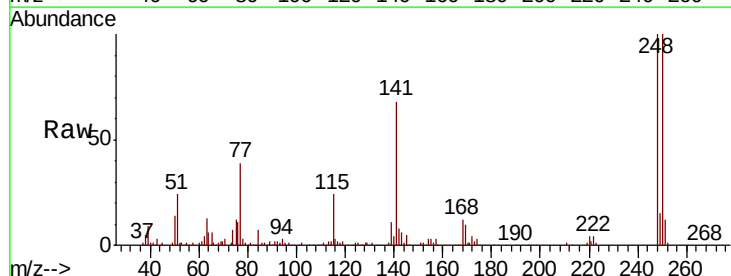
Manual Integrations
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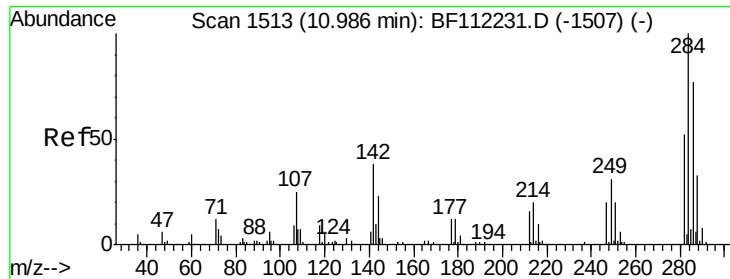
Sohil
 2/11/2019 4:49:52 PM



#67
 4-Bromophenyl-phenylether
 Concen: 22.961 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BF112435.D
 Acq: 7 Feb 2019 13:56

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.8	79.7	119.5
141	68.5	60.3	90.5





#68

Hexachlorobenzene

Concen: 22.968 ng

RT: 10.97 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

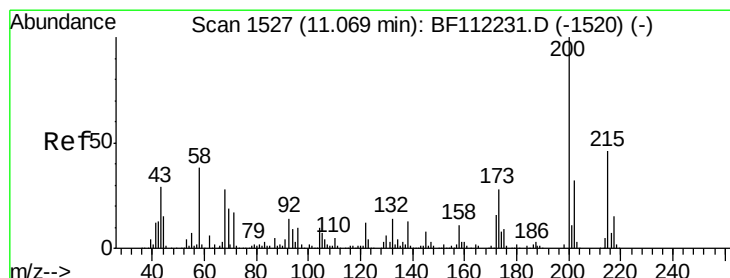
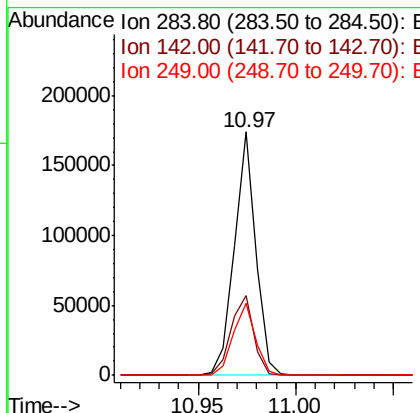
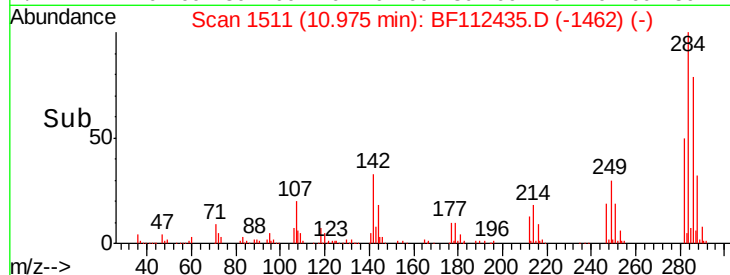
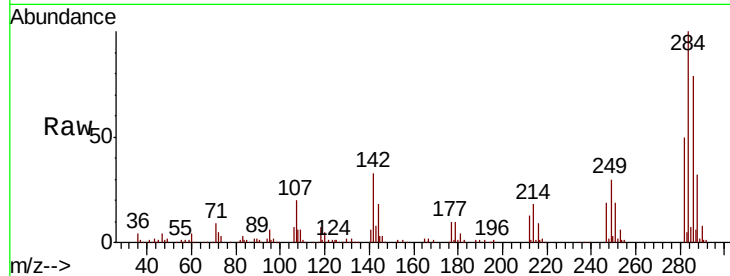
ClientSampleId :

98-SB-01-2-4MSD

Tot Ion:	284	Resp:	132673
Ion Ratio	Lower	Upper	
284	100		
142	33.0	27.6	41.4
249	29.7	24.1	36.1

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#69

Atrazine

Concen: 23.703 ng

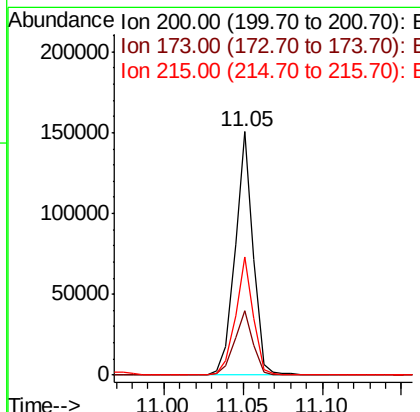
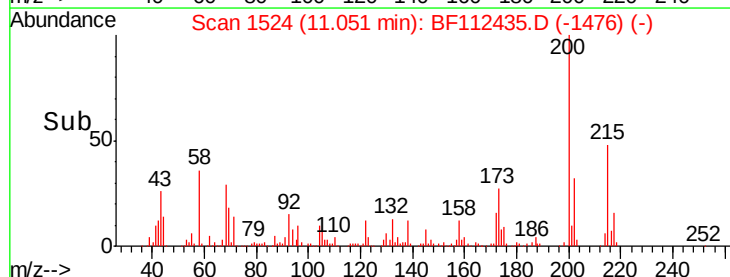
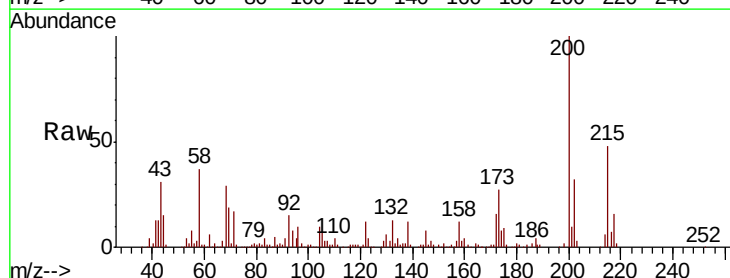
RT: 11.05 min Scan# 1524

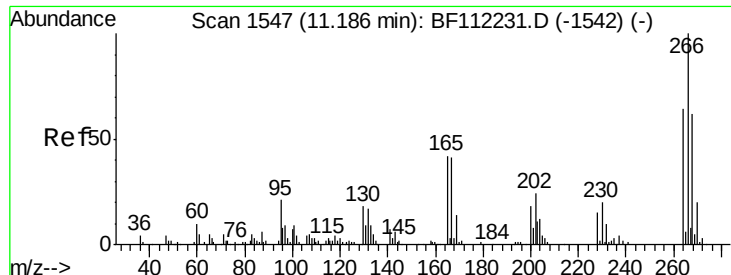
Delta R.T. -0.02 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Tgt Ion:	200	Resp:	117999
Ion Ratio	Lower	Upper	
200	100		
173	26.7	7.1	47.1
215	48.5	30.4	70.4





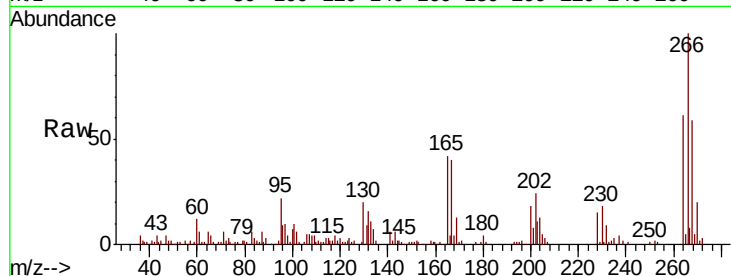
#70
 Pentachlorophenol
 Concen: 38.915 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF112435.D
 Acq: 7 Feb 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	59.2	51.2	76.8
264	61.3	50.9	76.3

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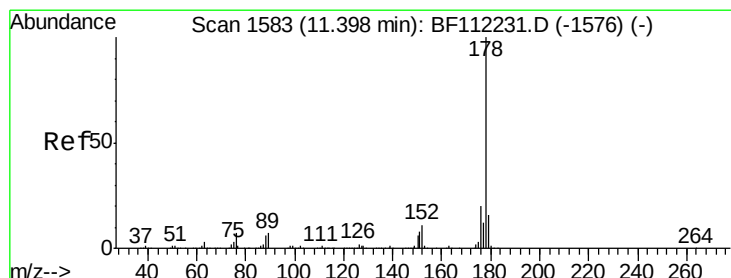
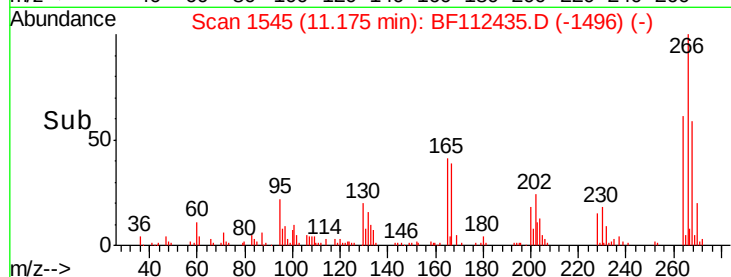
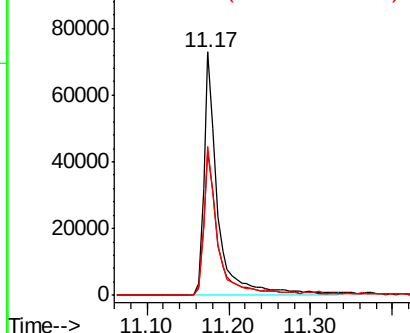


Abundance

Ion 265.70 (265.40 to 266.40): E

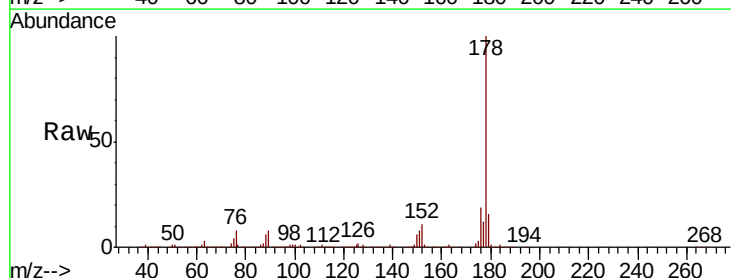
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#71
 Phenanthrene
 Concen: 29.547 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.02 min
 Lab File: BF112435.D
 Acq: 7 Feb 2019 13:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.3	24.5
179	15.9	13.0	19.4

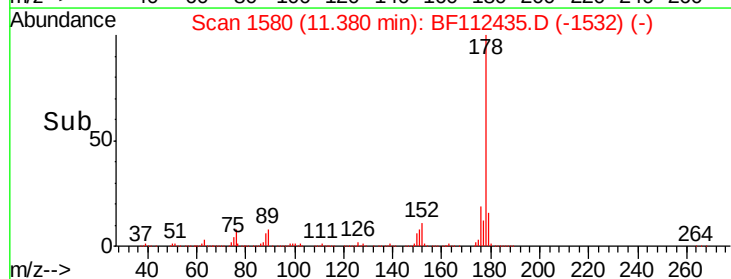
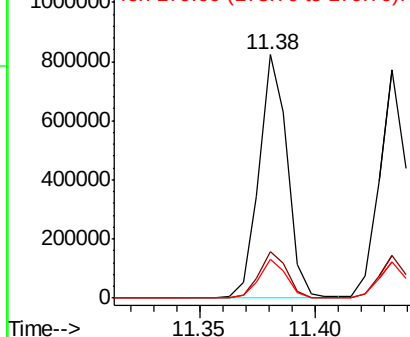


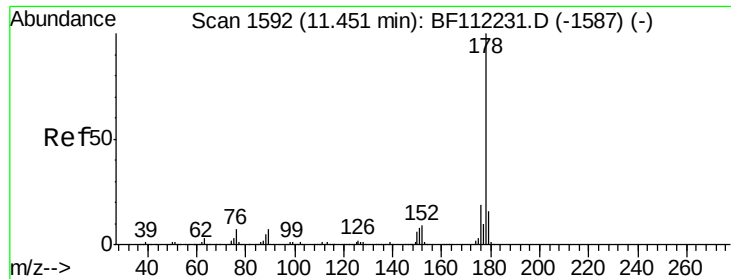
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 26.905 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.02 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

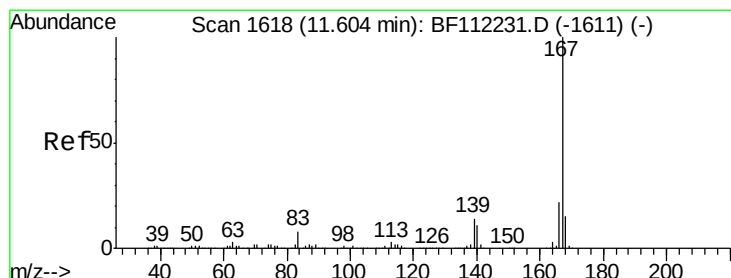
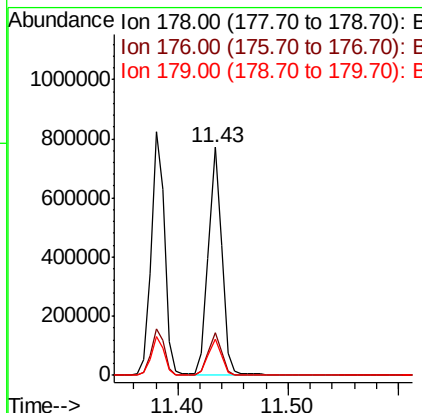
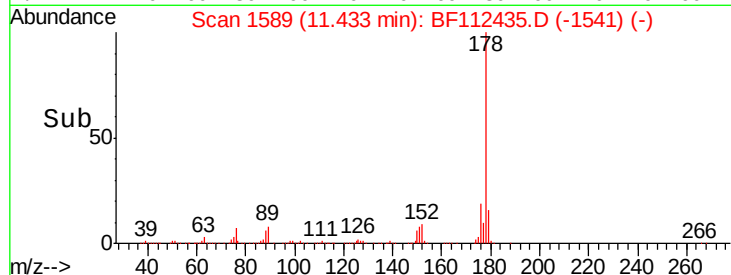
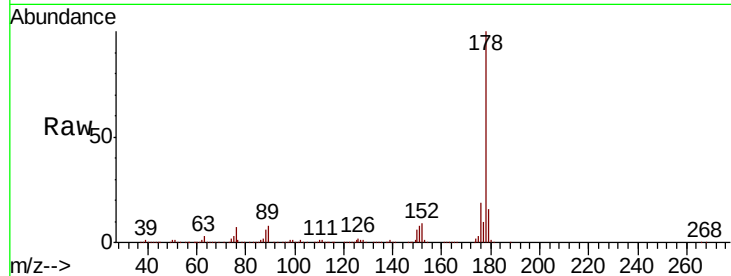
ClientSampleId :

98-SB-01-2-4MSD

Tot Ion:	178	Resp:	637827
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.5	23.3
179	15.8	12.8	19.2

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#73

Carbazole

Concen: 22.145 ng

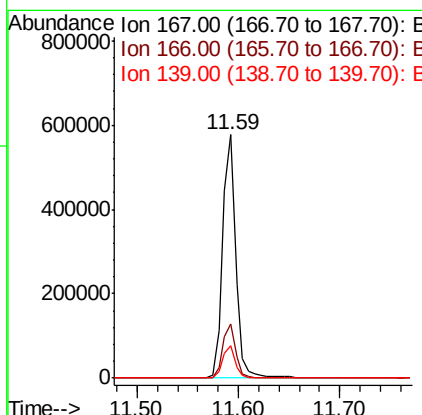
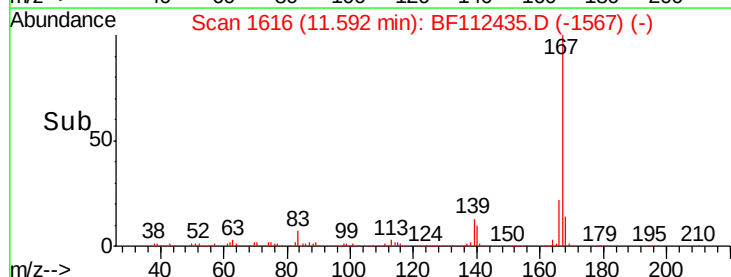
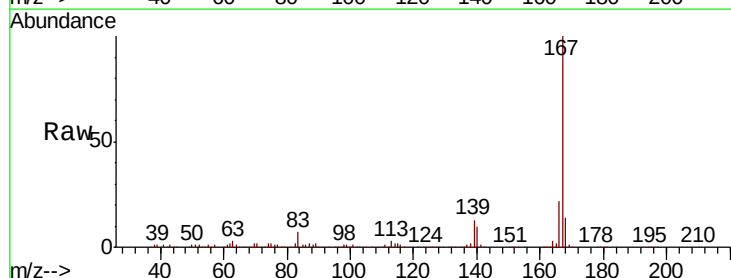
RT: 11.59 min Scan# 1616

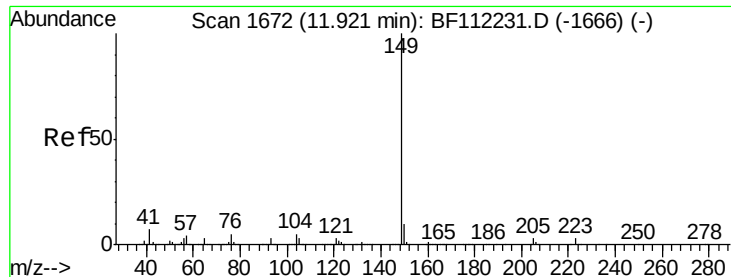
Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Tgt Ion:	167	Resp:	517854
Ion Ratio	Lower	Upper	
167	100		
166	22.2	17.9	26.9
139	13.1	10.2	15.2





#74

Di-n-butylphthalate

Concen: 25.540 ng

RT: 11.91 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

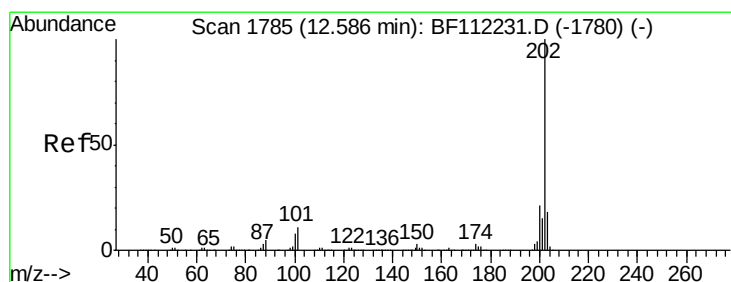
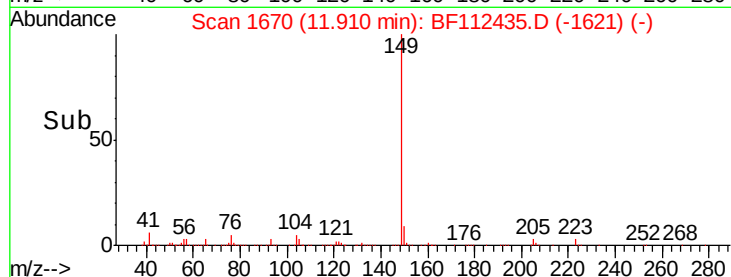
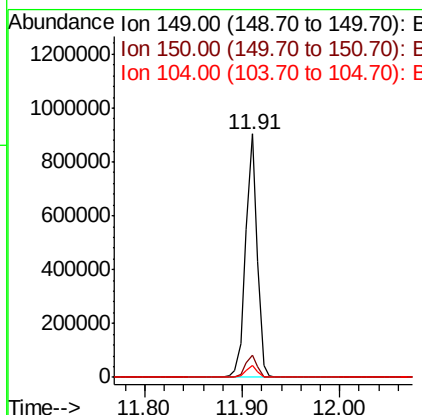
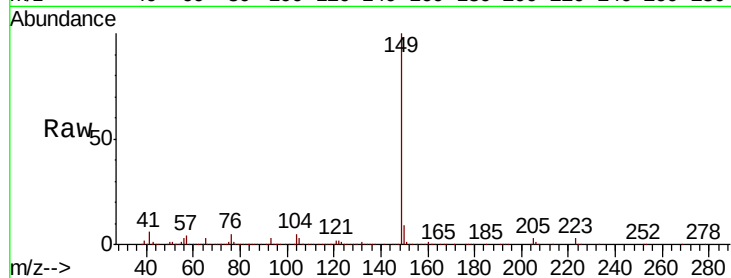
ClientSampleId :

98-SB-01-2-4MSD

Tot Ion:	149	Resp:	741314
Ion Ratio	Lower	Upper	
149	100		
150	9.0	8.1	12.1
104	4.7	3.9	5.9

Manual Integrations
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#75

Fluoranthene

Concen: 29.018 ng

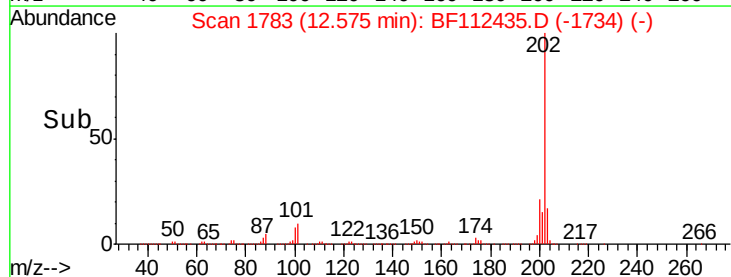
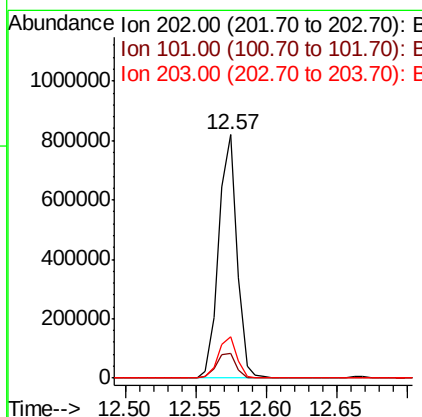
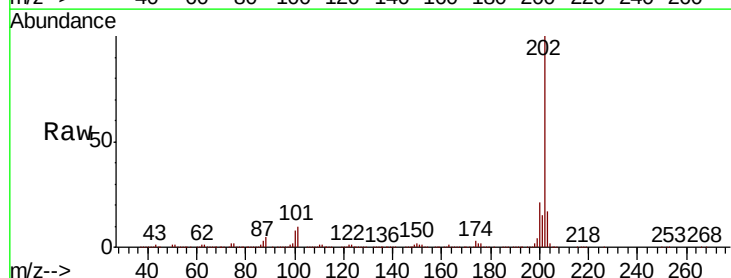
RT: 12.57 min Scan# 1783

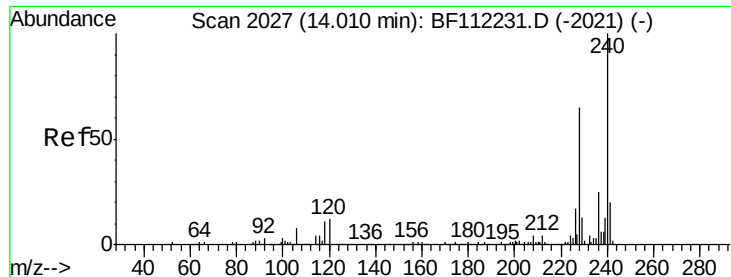
Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Tgt Ion:	202	Resp:	740705
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	31.8
203	17.2	0.0	38.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

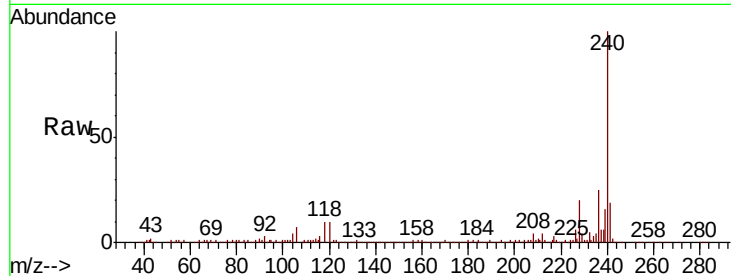
ClientSampleId :

98-SB-01-2-4MSD

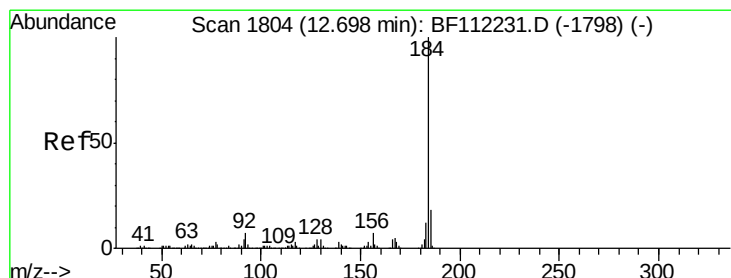
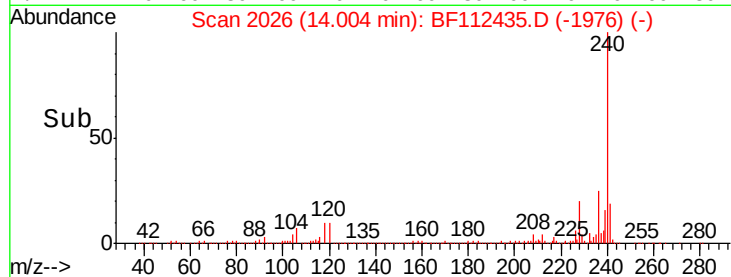
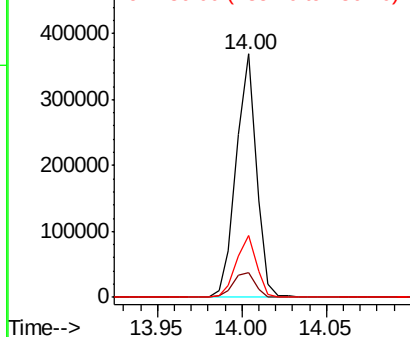
Tot Ion:	240	Resp:	308138
Ion Ratio	Lower	Upper	
240	100		
120	10.3	9.0	13.6
236	25.2	20.7	31.1

Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 17.067 ng

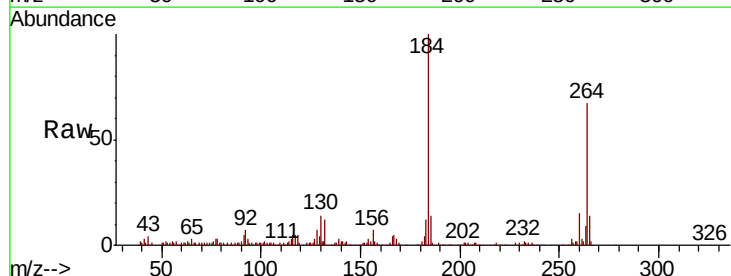
RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

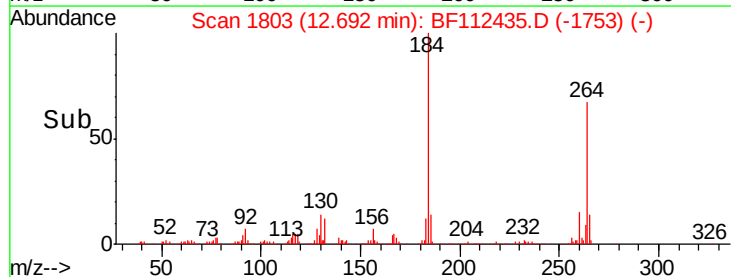
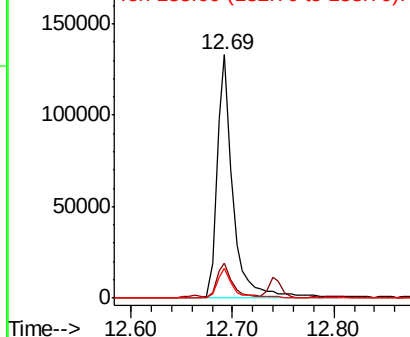
Lab File: BF112435.D

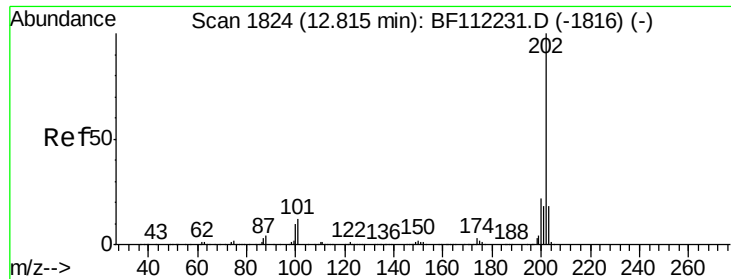
Acq: 7 Feb 2019 13:56

Tgt Ion:	184	Resp:	144744
Ion Ratio	Lower	Upper	
184	100		
185	14.3	13.9	20.9
183	12.3	10.0	15.0



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





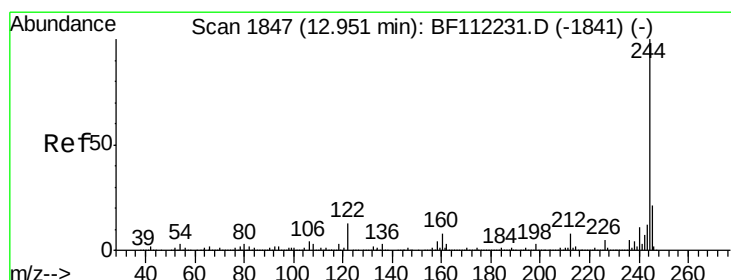
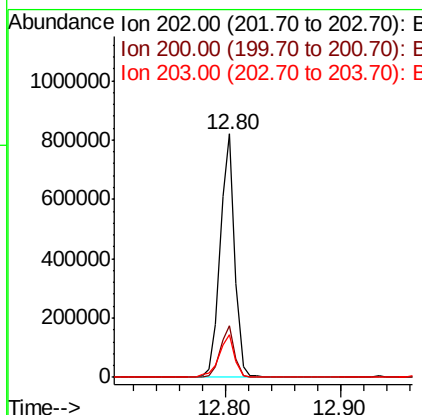
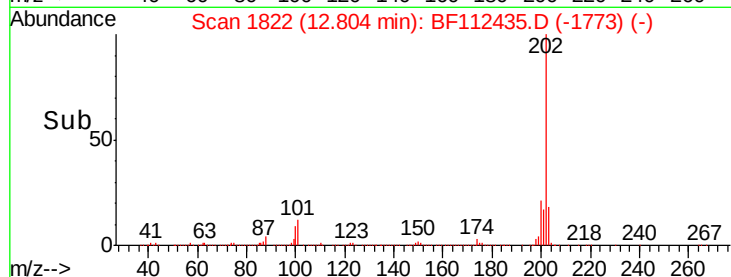
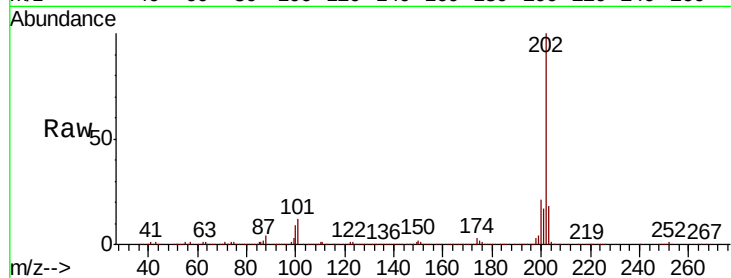
#78
Pvrene
Concen: 33.204 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.7	26.5
203	17.7	14.6	22.0

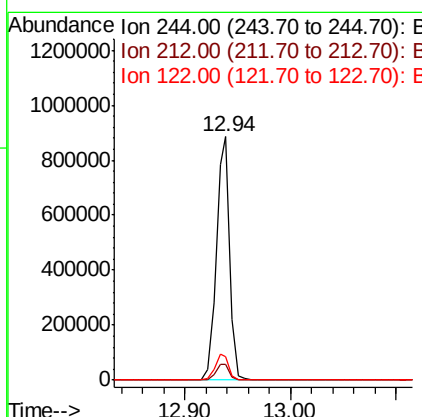
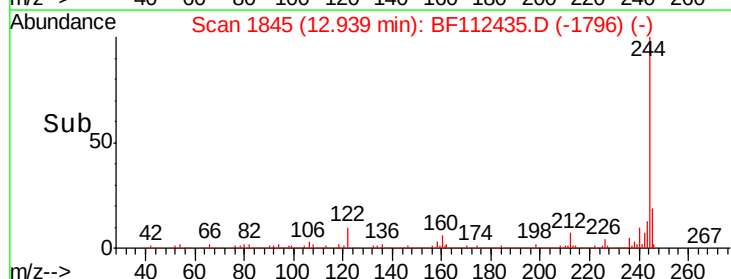
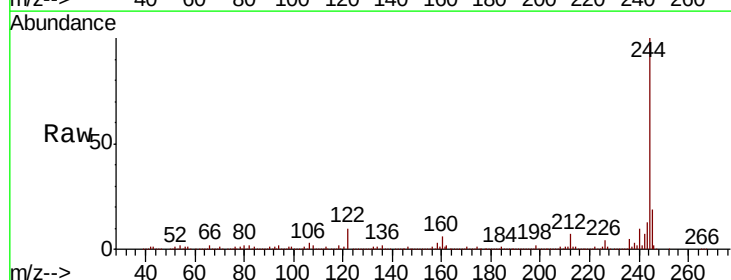
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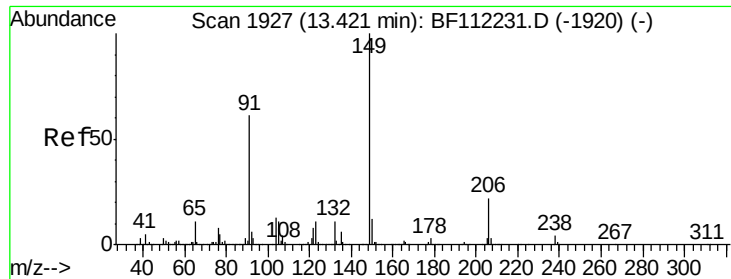
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#79
Terphenyl-d14
Concen: 48.502 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.9	8.9
122	9.6	9.8	14.6#





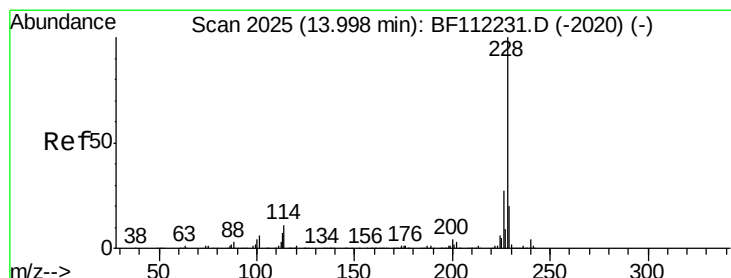
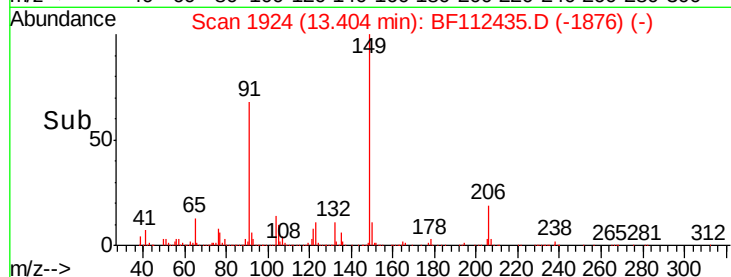
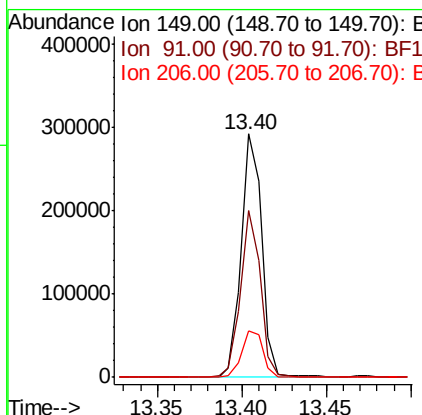
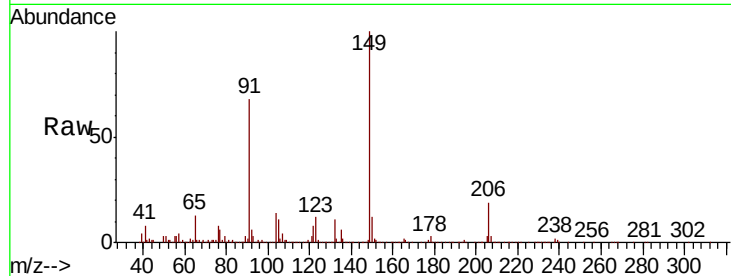
#80
Butylbenzylphthalate
Concen: 23.760 ng
RT: 13.40 min Scan# 1924
Delta R.T. -0.02 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion:	149	Resp:	245241
Ion Ratio	Lower	Upper	
149	100		
91	68.3	50.3	75.5
206	18.9	18.2	27.4

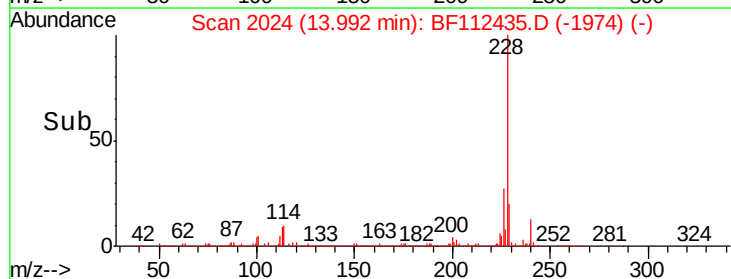
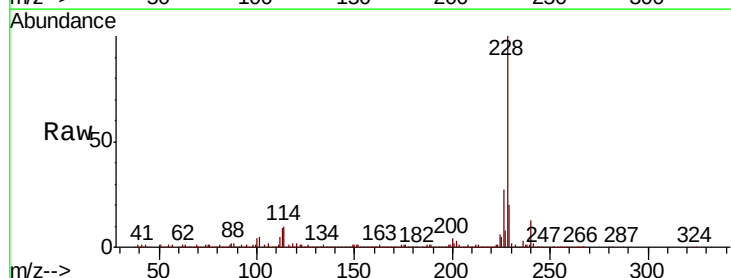
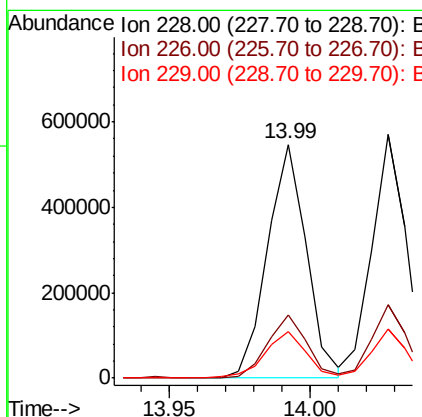
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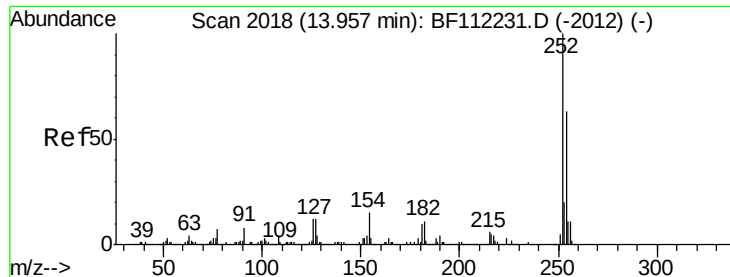
Sohil
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#81
Benzo(a)anthracene
Concen: 28.802 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Tgt Ion:	228	Resp:	521724
Ion Ratio	Lower	Upper	
228	100		
226	26.9	22.6	34.0
229	19.8	16.5	24.7





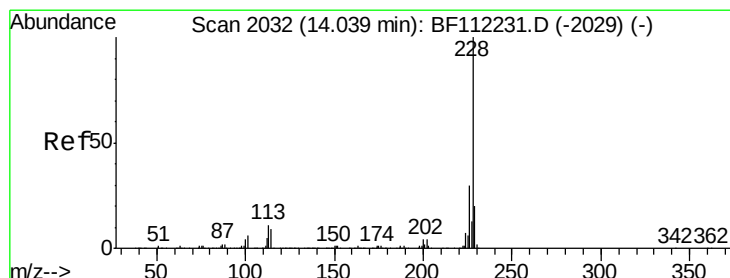
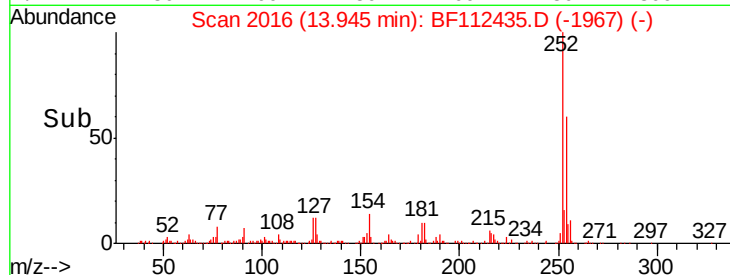
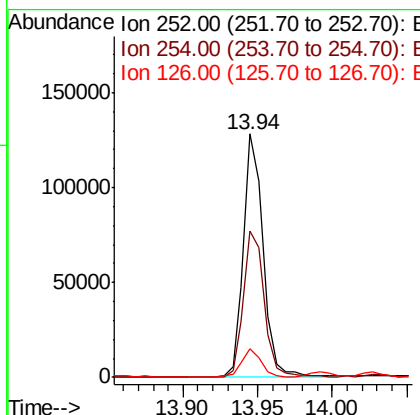
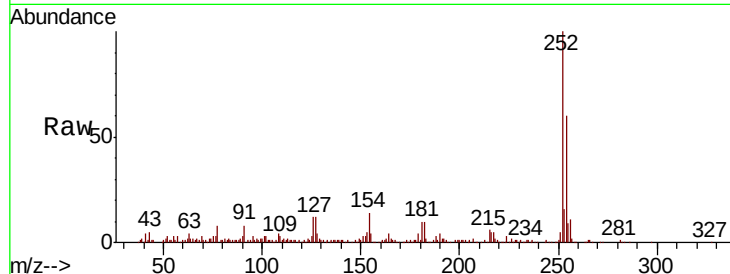
#82
 3,3'-Dichlorobenzidine
 Concen: 17.528 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF112435.D
 Acq: 7 Feb 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	118823		
254	60.3	51.6	77.4	
126	11.8	8.6	12.8	

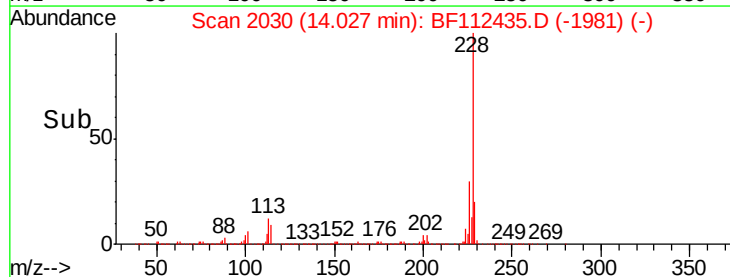
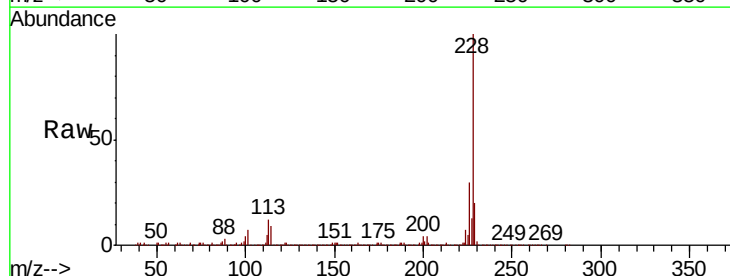
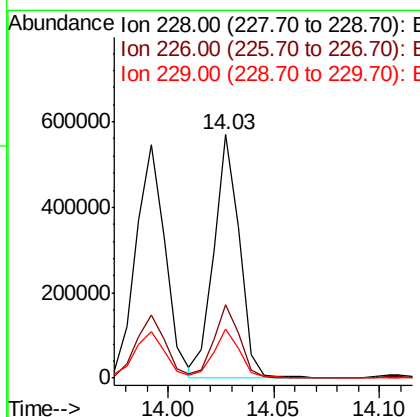
Manual Integrations
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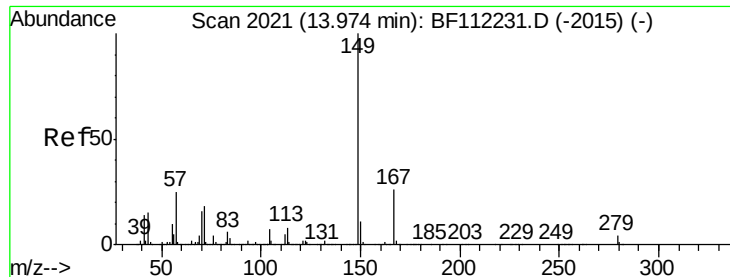
Sohil
 2/11/2019 4:49:52 PM



#83
 Chrysene
 Concen: 27.708 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF112435.D
 Acq: 7 Feb 2019 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	479091		
226	30.0	25.0	37.6	
229	20.2	16.6	24.8	





#84

Bis(2-ethylhexyl)phthalate

Concen: 23.174 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

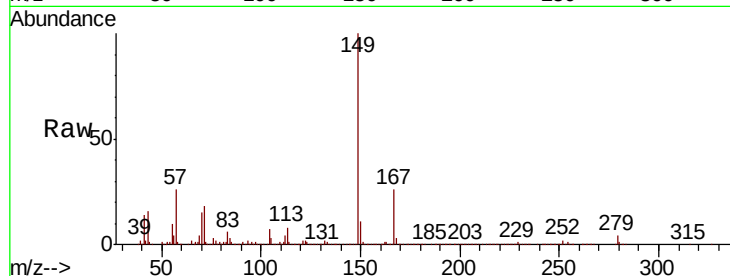
ClientSampleId :

98-SB-01-2-4MSD

Tot Ion:	149	Resp:	339532
Ion Ratio		Lower	Upper
149	100		
167	26.4	22.5	33.7
279	3.7	3.8	5.6#

Manual Integrations
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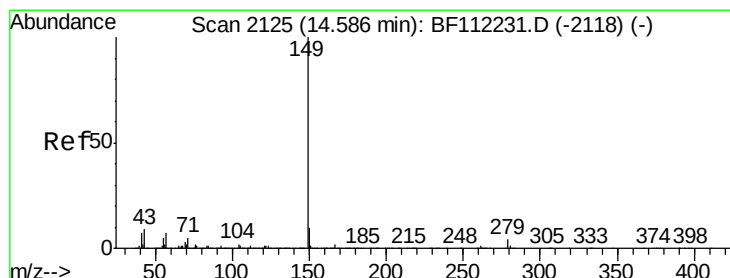
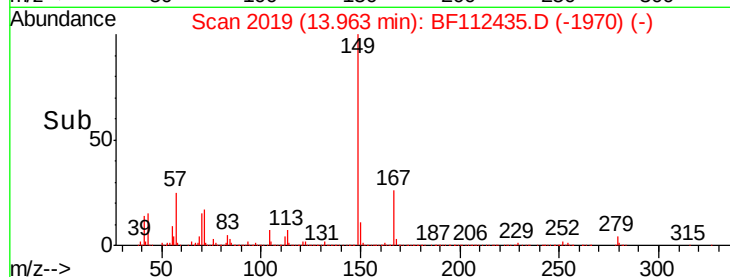
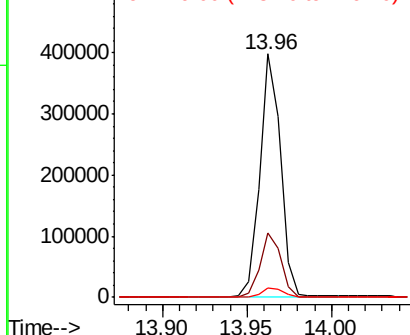


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 23.554 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

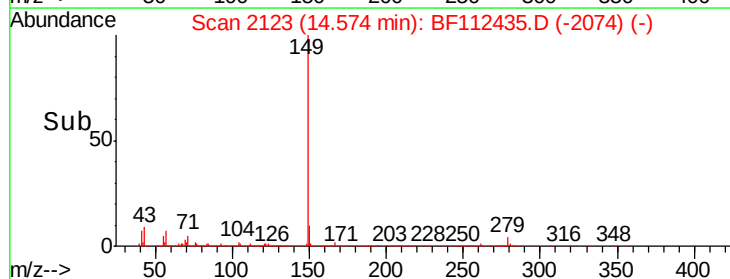
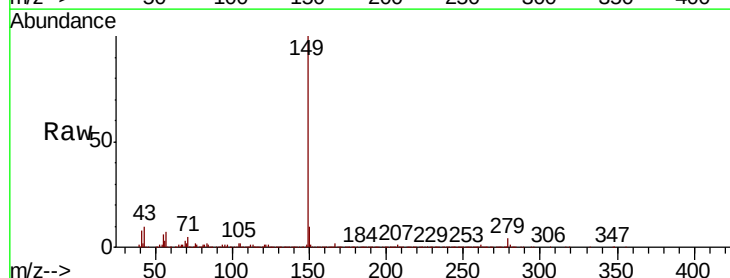
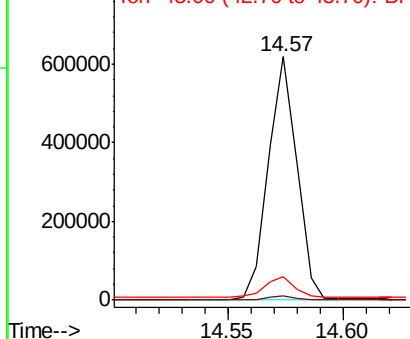
Tgt Ion:	149	Resp:	530957
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.9	7.8	11.6

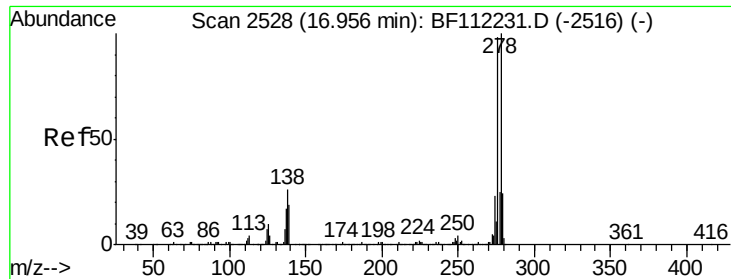
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#86

Indeno(1,2,3-cd)pyrene

Concen: 32.793 ng

RT: 16.96 min Scan# 2528

Delta R.T. 0.00 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

Tot Ion:276 Resp: 449288

Ion Ratio Lower Upper

276 100

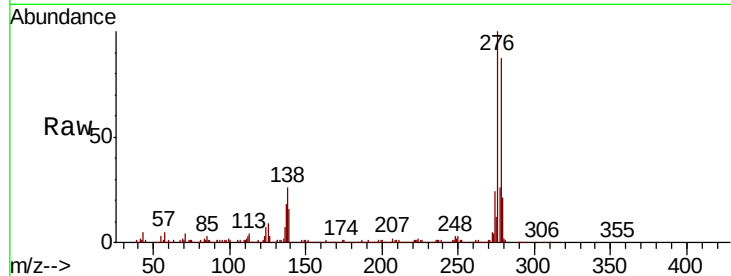
138 25.8 22.6 34.0

277 25.2 20.3 30.5

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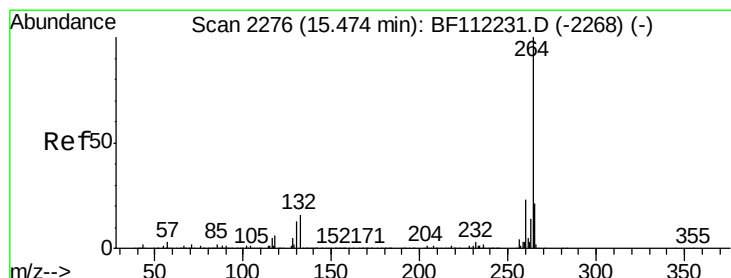
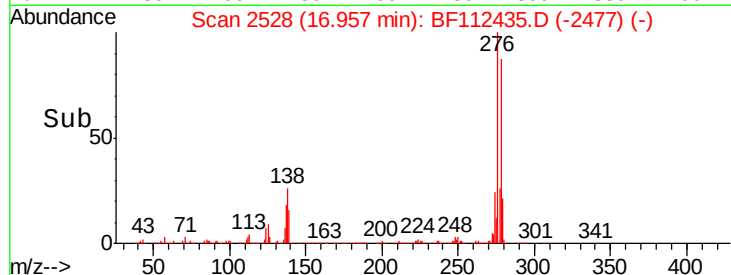
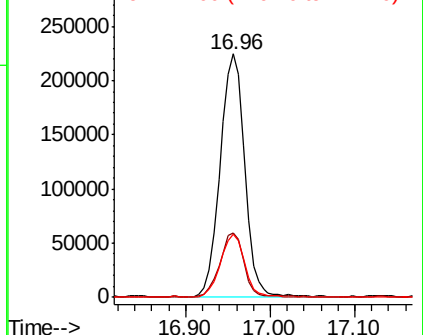


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

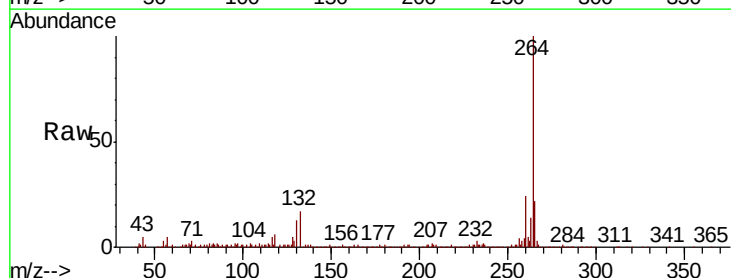
Tgt Ion:264 Resp: 298151

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.2

265 22.1 17.0 25.4

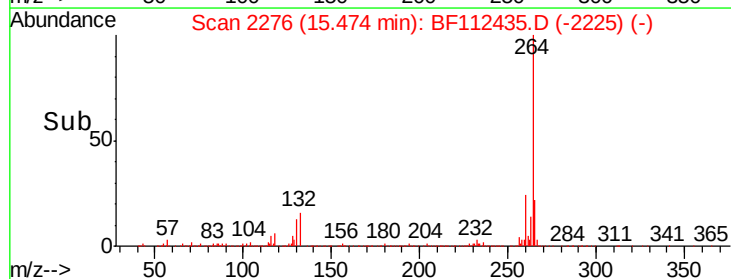
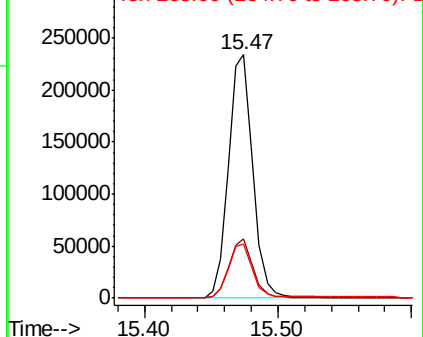


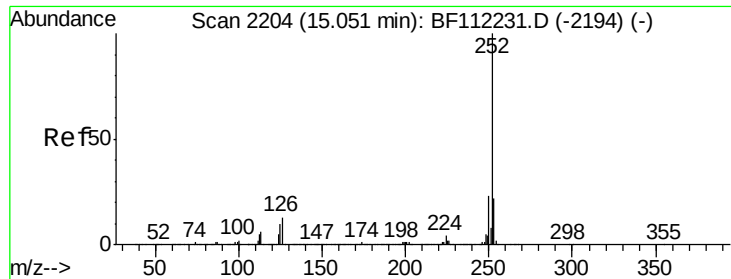
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





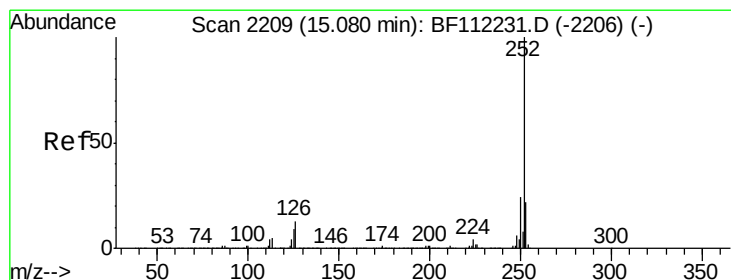
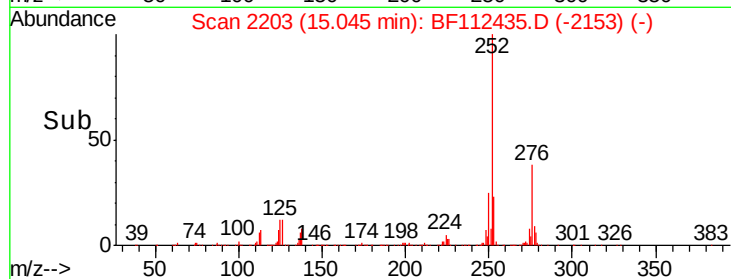
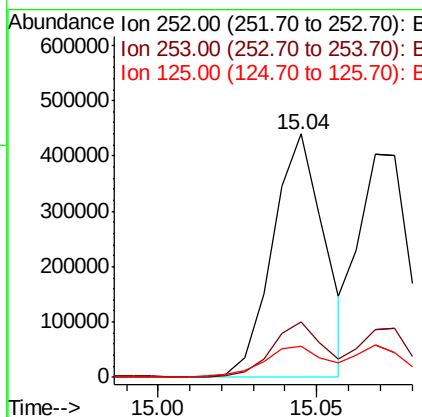
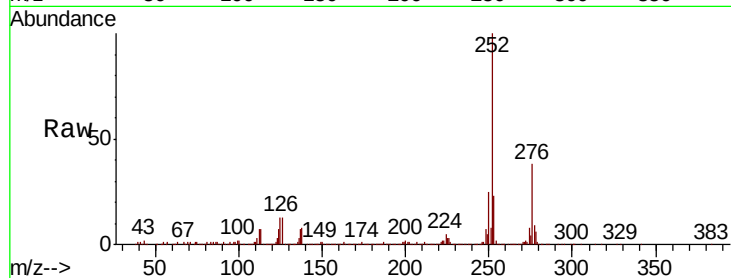
#88
Benzo(b)fluoranthene
Concen: 27.995 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	12.6	8.7	13.1

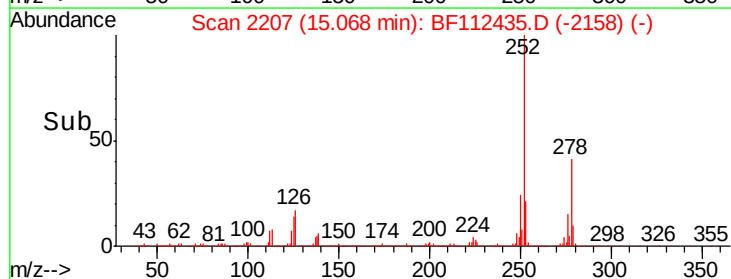
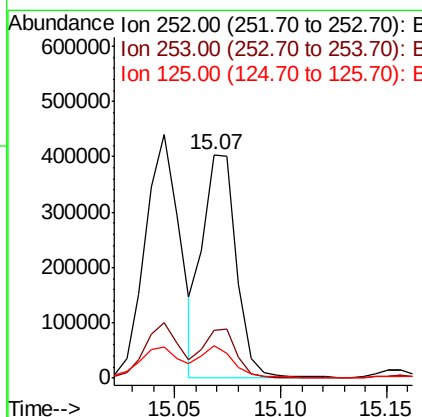
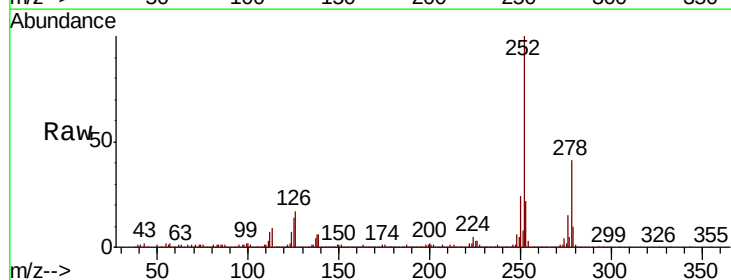
Manual Integrations
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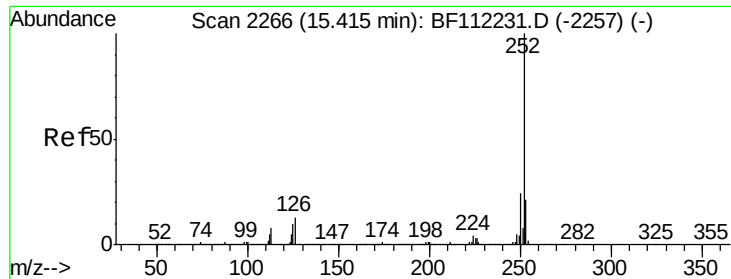
Sohil
2/11/2019 4:49:52 PM



#89
Benzo(k)fluoranthene
Concen: 26.134 ng m
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	14.5	9.1	13.7#





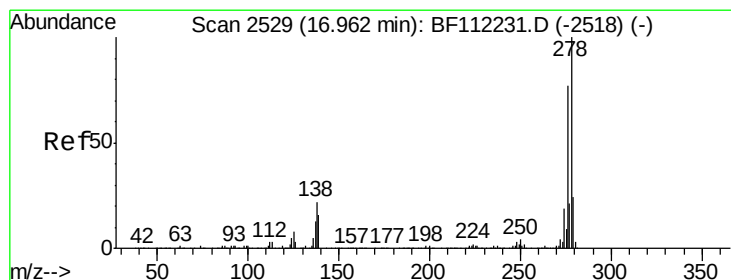
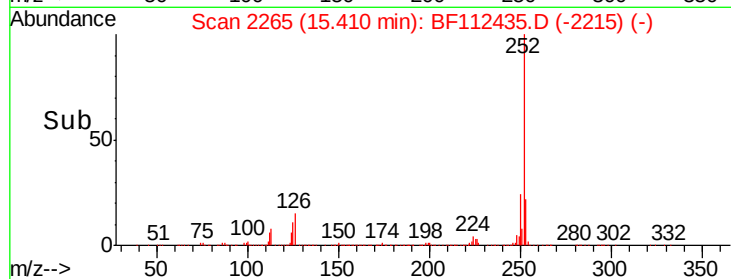
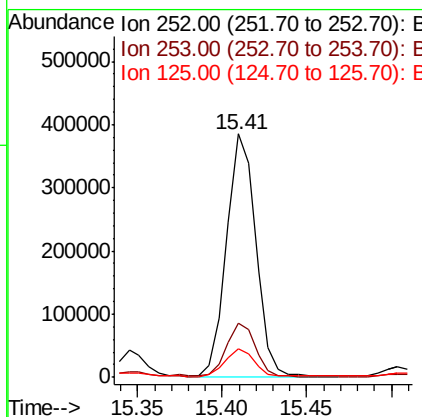
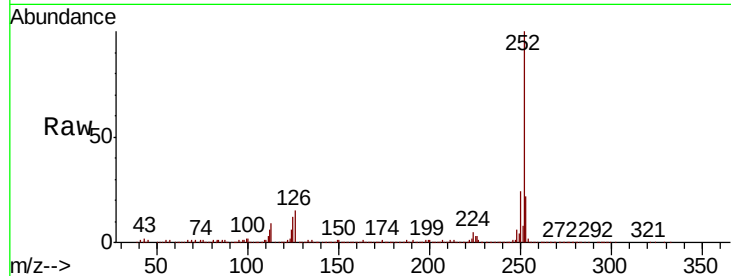
#90
Benzo(a)pyrene
Concen: 29.146 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	11.8	9.0	13.4

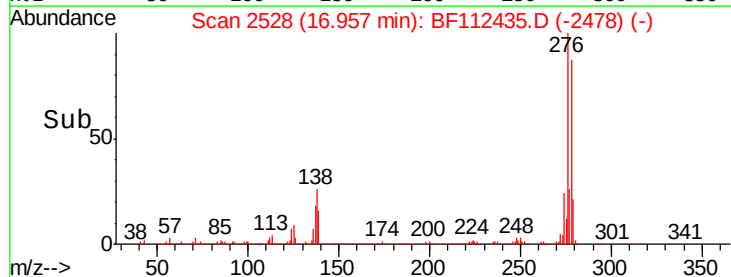
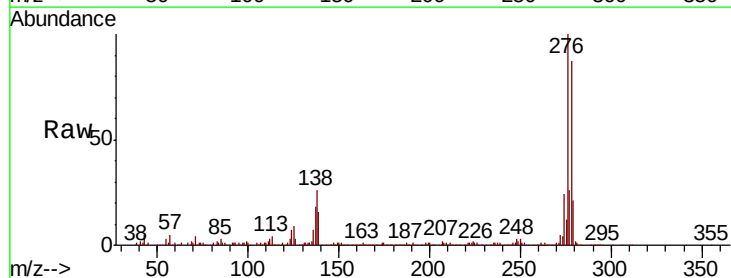
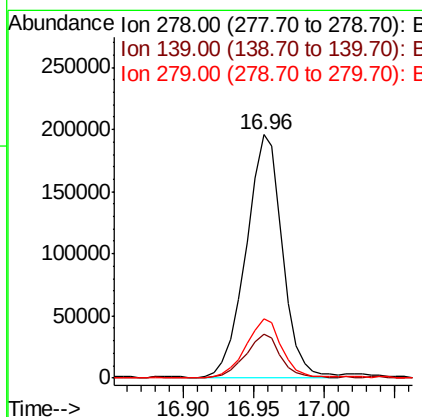
Manual Integrations
APPROVED

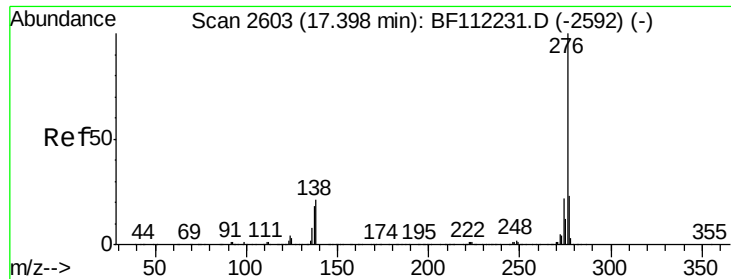
Sohil
2/11/2019 4:49:52 PM



#91
Dibenzo(a,h)anthracene
Concen: 27.159 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	13.7	20.5
279	24.1	19.0	28.6





#92
 Benzo(a,h,i)perylene
 Concen: 29.623 ng
 RT: 17.40 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: BF112435.D
 Acq: 7 Feb 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

Tot Ion:	276	Resp:	361382
Ion Ratio		Lower	Upper
276	100		
277	22.9	19.4	29.0
138	21.6	19.1	28.7

Manual Integrations
 APPROVED

Sohil
 2/11/2019 4:49:52 PM

