

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120918\
 Data File : BF111235.D
 Acq On : 10 Dec 2018 11:56
 Operator : JU/SJ
 Sample : J6083-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MSD

Manual Integrations
 APPROVED

Sohil
 12/11/2018 8:42:24 AM

Quant Time: Dec 10 15:43:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	555387	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2244882	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	1048605	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1770849	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1054607	20.00	ng	0.00
87) Perylene-d12	15.39	264	968865	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	3774764	107.32	ng	0.02
7) Phenol-d6	6.44	99	4852883	111.03	ng	0.00
23) Nitrobenzene-d5	7.36	82	3095406	77.34	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	1015411	109.32	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	4684865	74.89	ng	0.00
79) Terphenyl-d14	12.91	244	3899639	88.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	616292	34.151	ng	99
3) Pyridine	3.33	79	1716046	35.794	ng	99
4) n-Nitrosodimethylamine	3.27	42	917032	44.862	ng	96
6) Aniline	6.46	93	977350	16.770	ng	96
8) 2-Chlorophenol	6.59	128	1505926	37.668	ng	96
9) Benzaldehyde	6.35	77	656706	22.885	ng	100
10) Phenol	6.45	94	2105412	41.195	ng	99
11) bis(2-Chloroethyl)ether	6.54	93	1436106	36.332	ng	97
12) 1,3-Dichlorobenzene	6.75	146	1563809	36.404	ng	99
13) 1,4-Dichlorobenzene	6.82	146	1565292	36.088	ng	99
14) 1,2-Dichlorobenzene	6.97	146	1466635	36.253	ng	99
15) Benzyl Alcohol	6.95	79	1350096	39.032	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	2833171	38.284	ng	99
17) 2-Methylphenol	7.06	107	1328218	40.693	ng	98
18) Hexachloroethane	7.32	117	599308	36.291	ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	1122339	38.331	ng	98
20) 3+4-Methylphenols	7.21	107	1552302	39.984	ng	98
22) Acetophenone	7.21	105	2078467	40.465	ng	# 99
24) Nitrobenzene	7.38	77	1590475	38.181	ng	100
25) Isophorone	7.62	82	2932300	43.015	ng	100
26) 2-Nitrophenol	7.70	139	810749	39.173	ng	99
27) 2,4-Dimethylphenol	7.74	122	1388971	43.430	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	1913983	40.545	ng	99
29) 2,4-Dichlorophenol	7.94	162	1282866	39.230	ng	100
30) 1,2,4-Trichlorobenzene	8.03	180	1226421	38.074	ng	99
31) Naphthalene	8.10	128	4108168	41.931	ng	99
33) 4-Chloroaniline	8.15	127	561989	11.943	ng	97
34) Hexachlorobutadiene	8.23	225	665667	37.437	ng	100
35) Caprolactam	8.52	113	502955m	43.403	ng	
36) 4-Chloro-3-methylphenol	8.64	107	1416802	42.315	ng	98
37) 2-Methylnaphthalene	8.80	142	2844528	43.730	ng	98
38) 1-Methylnaphthalene	8.90	142	2707436	42.502	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1019087	34.927	ng	99
41) Hexachlorocyclopentadiene	8.96	237	987217	59.411	ng	99

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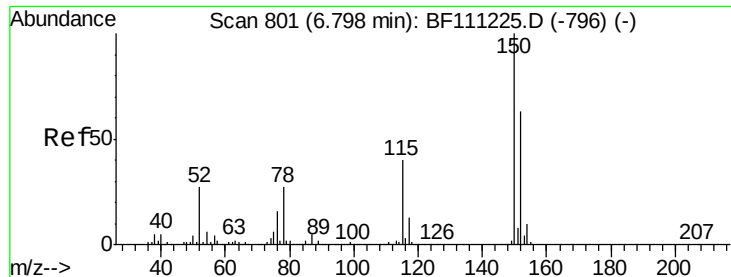
Manual Integrations
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 12/11/2018 8:42:24 AM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.07	196	795834	36.336	nq	100
44) 2,4,5-Trichlorophenol	9.12	196	865963	37.955	nq	97
46) 1,1'-Biphenyl	9.26	154	3172362	36.453	nq	99
47) 2-Chloronaphthalene	9.29	162	2562870	37.353	nq	99
48) 2-Nitroaniline	9.38	65	914051	39.053	nq	90
49) Acenaphthylene	9.70	152	3947910	39.635	nq	99
50) Dimethylphthalate	9.57	163	3197664	41.329	nq	99
51) 2,6-Dinitrotoluene	9.62	165	694912	40.669	nq	93
52) Acenaphthene	9.87	154	2299530	36.788	nq	98
53) 3-Nitroaniline	9.79	138	457559	21.695	nq	93
54) 2,4-Dinitrophenol	9.89	184	37858	5.607	nq	# 6
55) Dibenzofuran	10.05	168	3379113	39.736	nq	98
56) 4-Nitrophenol	9.95	139	820833	49.972	nq	98
57) 2,4-Dinitrotoluene	10.02	165	948818	45.044	nq	93
58) Fluorene	10.39	166	2539132	38.585	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	603975	34.924	nq	99
60) Diethylphthalate	10.26	149	2850516	38.644	nq	99
61) 4-Chlorophenyl-phenylether	10.38	204	1143556	35.000	nq	98
62) 4-Nitroaniline	10.40	138	753433	37.755	nq	97
63) Azobenzene	10.54	77	2893032	37.776	nq	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	157090	15.664	nq	98
66) n-Nitrosodiphenylamine	10.50	169	2360514	39.159	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	745914	38.457	nq	94
68) Hexachlorobenzene	10.94	284	753547	38.192	nq	97
69) Atrazine	11.03	200	774198	42.235	nq	97
70) Pentachlorophenol	11.13	266	682652	47.694	nq	98
71) Phenanthrene	11.35	178	3558230	39.837	nq	99
72) Anthracene	11.40	178	3590482	38.423	nq	99
73) Carbazole	11.55	167	3720377	38.075	nq	99
74) Di-n-butylphthalate	11.89	149	4167345	41.494	nq	99
75) Fluoranthene	12.53	202	3495984	42.847	nq	96
77) Benzidine	12.65	184	579943	18.520	nq	97
78) Pyrene	12.76	202	3567076	47.332	nq	99
80) Butylbenzylphthalate	13.39	149	1714033	43.544	nq	94
81) Benzo(a)anthracene	13.94	228	2488935	42.303	nq	100
82) 3,3'-Dichlorobenzidine	13.91	252	473581	19.638	nq	99
83) Chrysene	13.99	228	2408639	39.710	nq	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	1909509	40.824	nq	99
85) Di-n-octyl phthalate	14.56	149	3024723	38.581	nq	100
86) Indeno(1,2,3-cd)pyrene	16.81	276	2243629	45.824	nq	98
88) Benzo(b)fluoranthene	14.98	252	2301231	42.949	nq	99
89) Benzo(k)fluoranthene	15.01	252	2225653	44.181	nq	98
90) Benzo(a)pyrene	15.33	252	2131755	43.205	nq	100
91) Dibenzo(a,h)anthracene	16.83	278	1846055	47.635	nq	97
92) Benzo(g,h,i)perylene	17.24	276	1946170	50.166	nq	96

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



#1

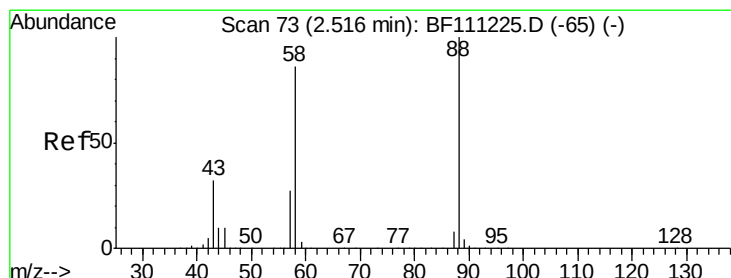
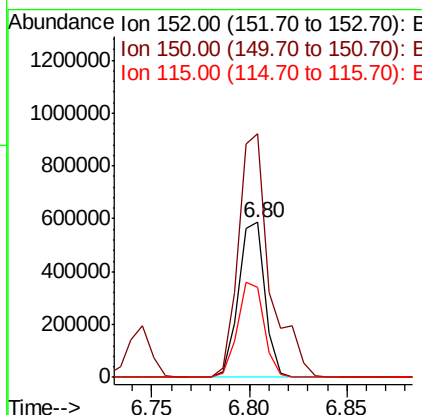
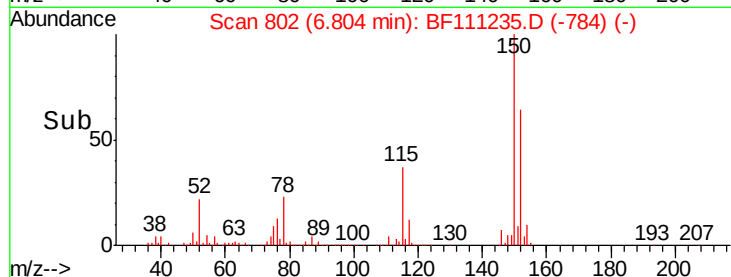
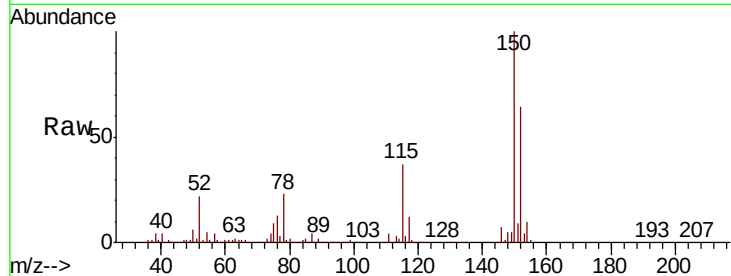
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.6	189.8
115	58.3	50.7	76.1

Manual Integrations
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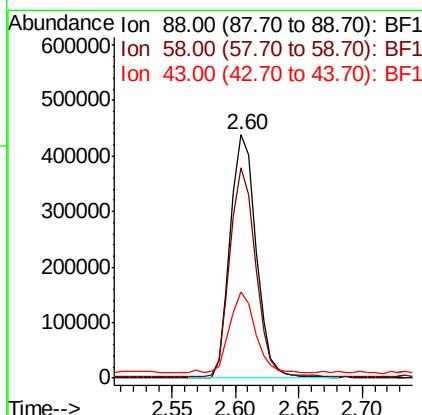
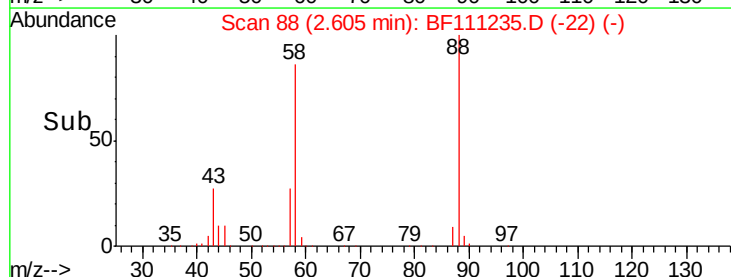
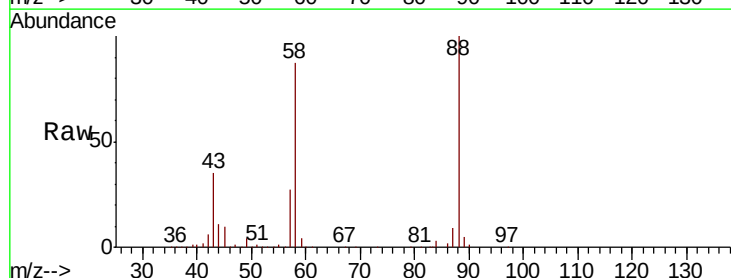
Sohil
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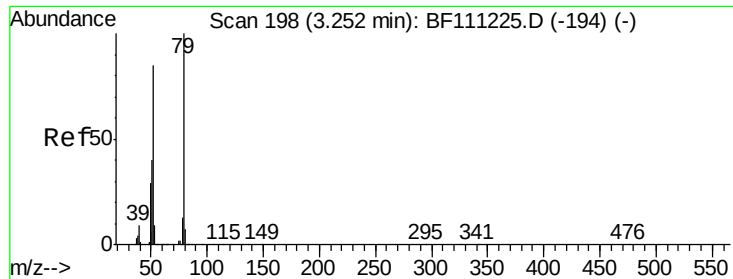


#2

1,4-Dioxane
Concen: 34.151 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.09 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.0	68.9	103.3
43	33.5	25.8	38.6





#3

Pvridine

Concen: 35.794 ng

RT: 3.33 min Scan# 212

Delta R.T. 0.08 min

Lab File: BF111235.D

Acq: 10 Dec 2018 11:56

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

Tot Ion: 79 Resp: 1716046

Ion Ratio Lower Upper

79 100

52 84.1 68.3 102.5

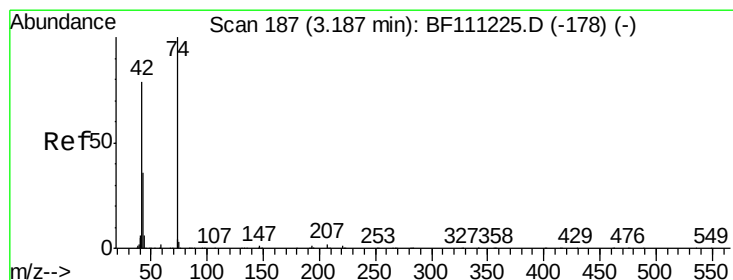
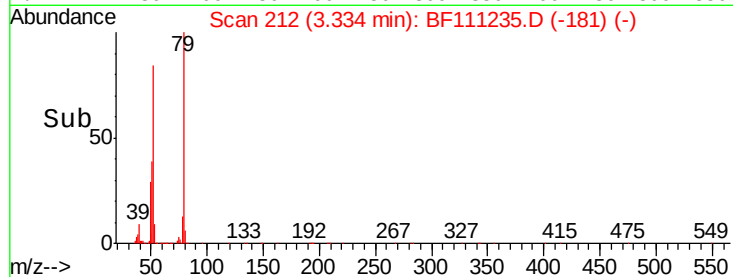
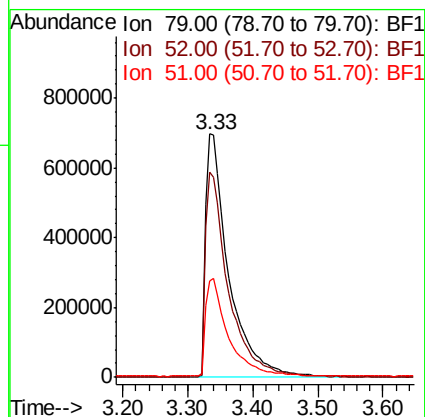
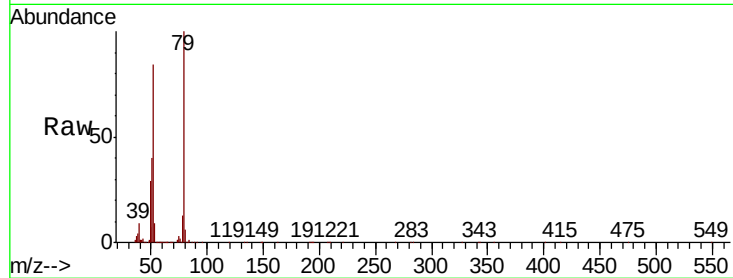
51 39.8 32.6 49.0

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 44.862 ng

RT: 3.27 min Scan# 201

Delta R.T. 0.08 min

Lab File: BF111235.D

Acq: 10 Dec 2018 11:56

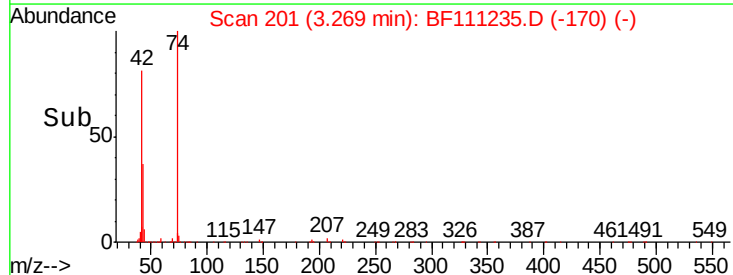
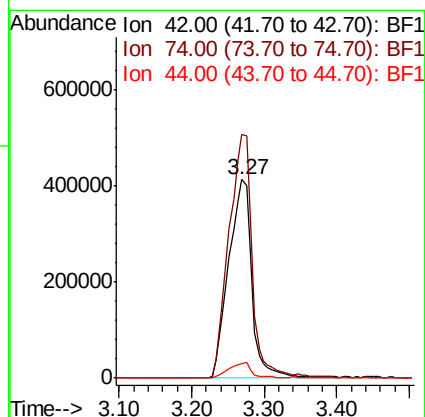
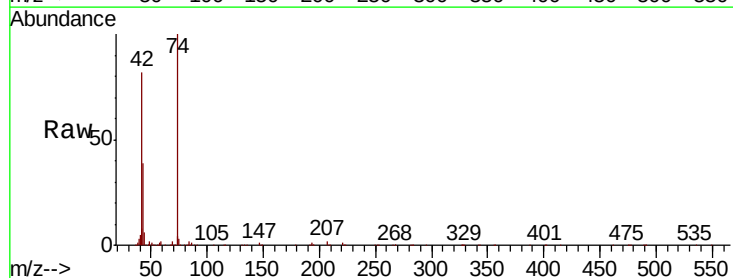
Tgt Ion: 42 Resp: 917032

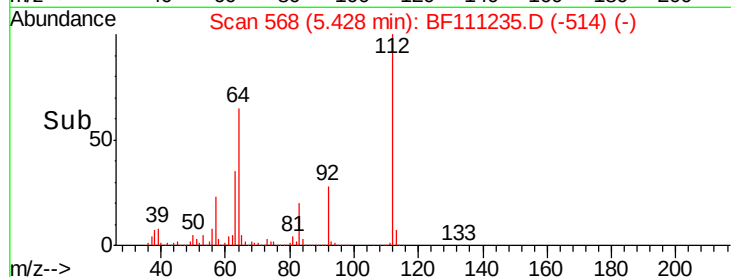
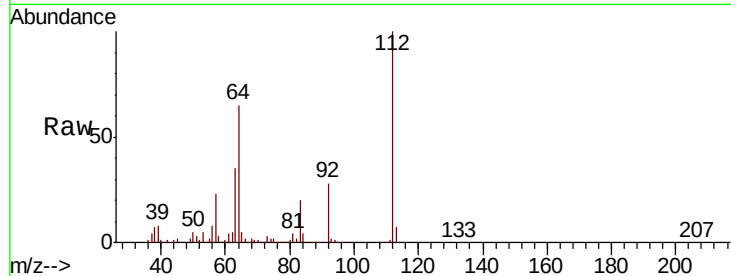
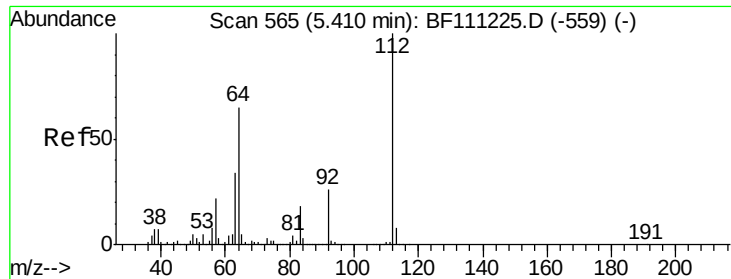
Ion Ratio Lower Upper

42 100

74 122.5 101.5 152.3

44 7.3 6.0 9.0





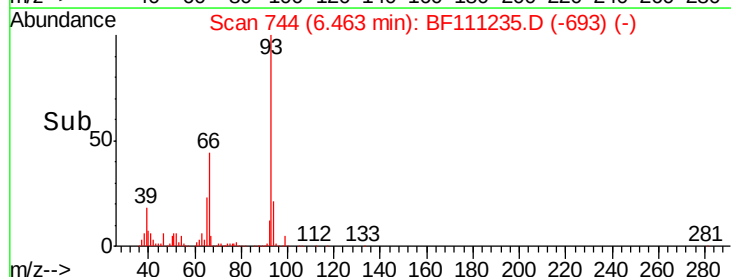
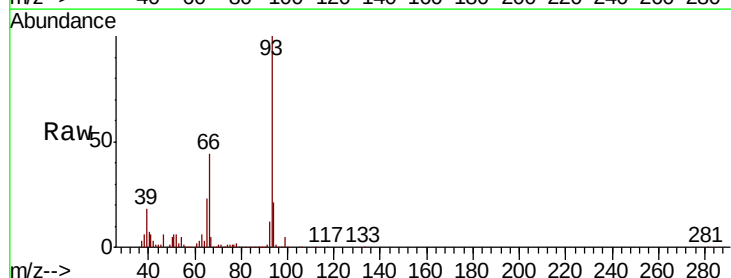
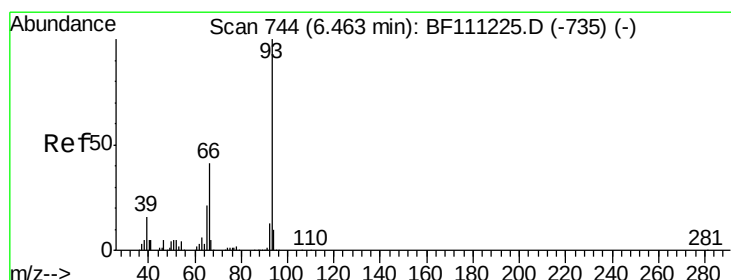
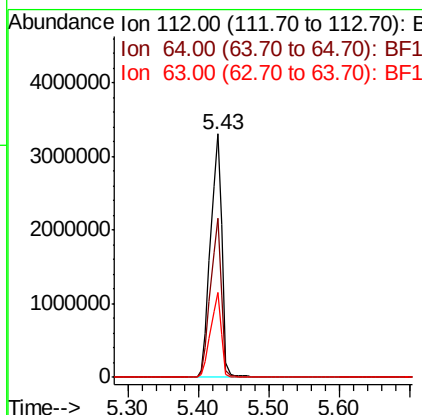
#5
2-Fluorophenol
Concen: 107.324 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Tot Ion: 112 Resp: 3774764
Ion Ratio Lower Upper
112 100
64 65.2 51.8 77.6
63 35.0 26.8 40.2

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

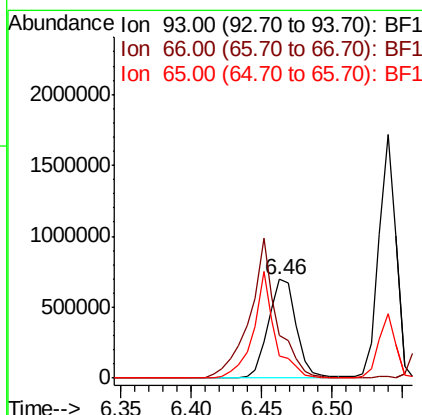
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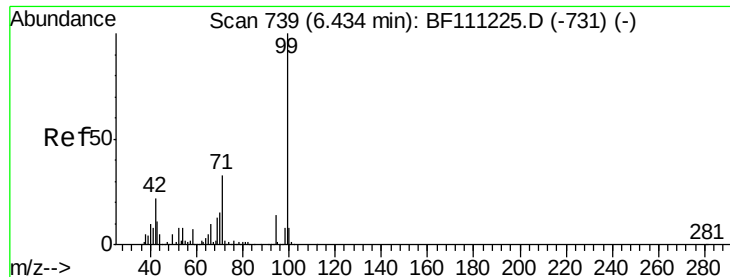
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#6
Aniline
Concen: 16.770 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Tgt Ion: 93 Resp: 977350
Ion Ratio Lower Upper
93 100
66 43.8 33.2 49.8
65 22.8 17.0 25.4





#7

Phenol-d6

Concen: 111.025 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111235.D

Acq: 10 Dec 2018 11:56

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

Tot Ion: 99 Resp: 4852883

Ion Ratio Lower Upper

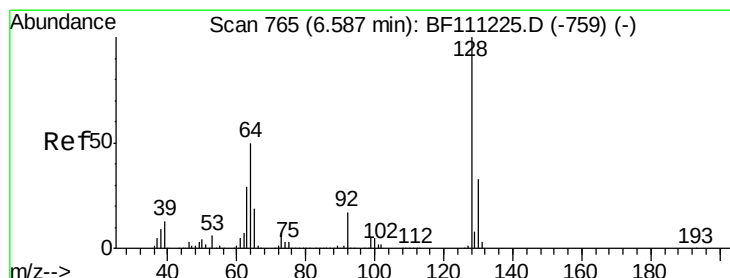
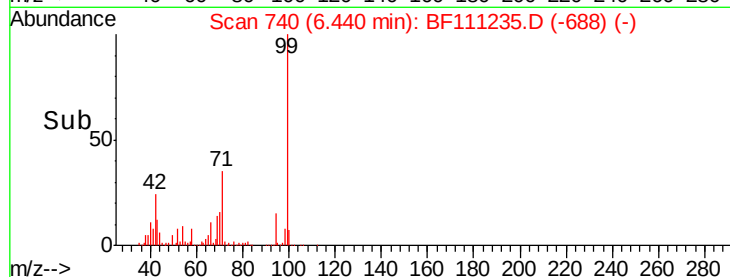
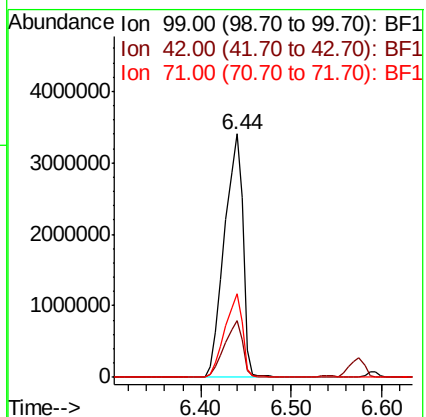
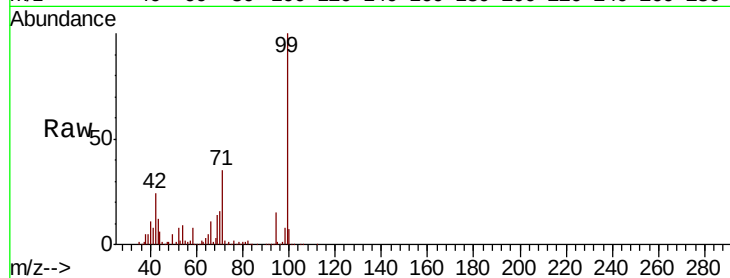
99 100

42 23.6 17.4 26.0

71 34.5 26.1 39.1

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#8

2-Chlorophenol

Concen: 37.668 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF111235.D

Acq: 10 Dec 2018 11:56

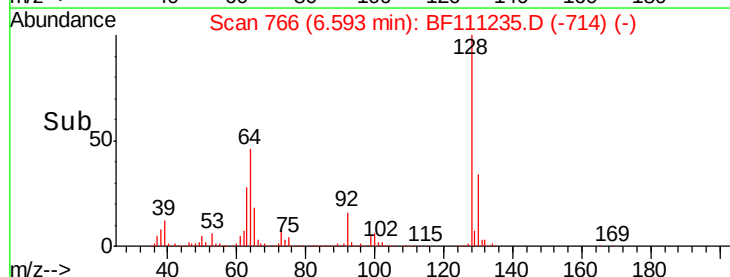
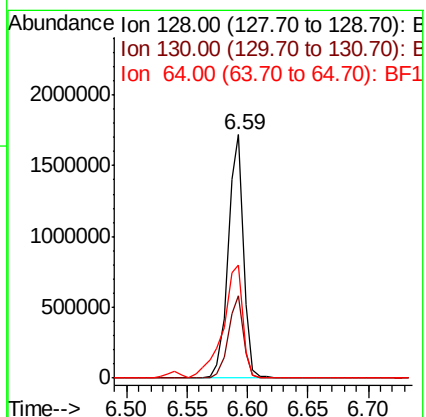
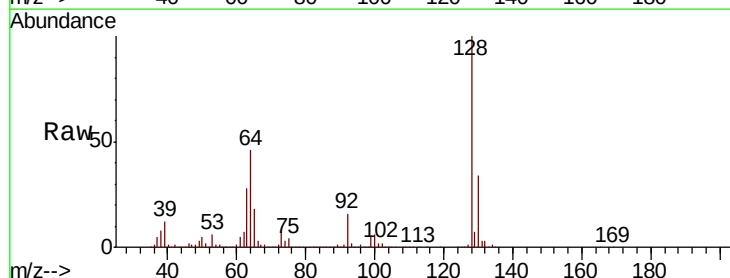
Tgt Ion: 128 Resp: 1505926

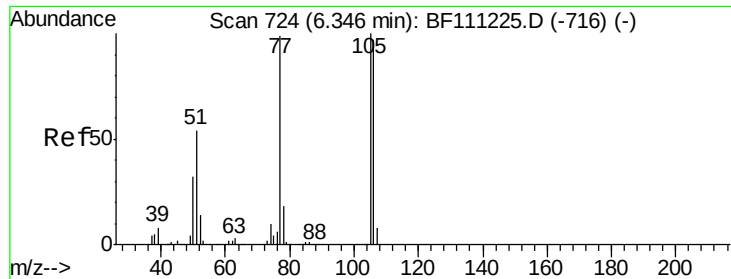
Ion Ratio Lower Upper

128 100

130 33.8 12.7 52.7

64 46.3 30.0 70.0





#9

Benzaldehyde

Concen: 22.885 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF111235.D

Acq: 10 Dec 2018 11:56

Instrument :

BNA_F

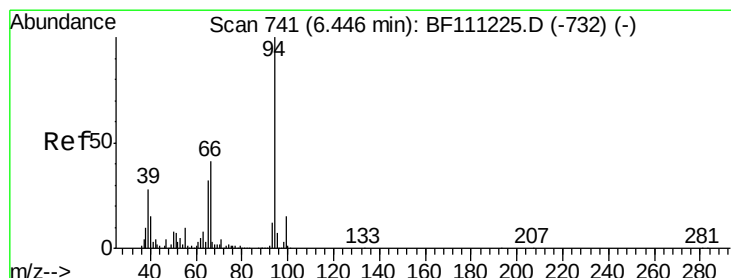
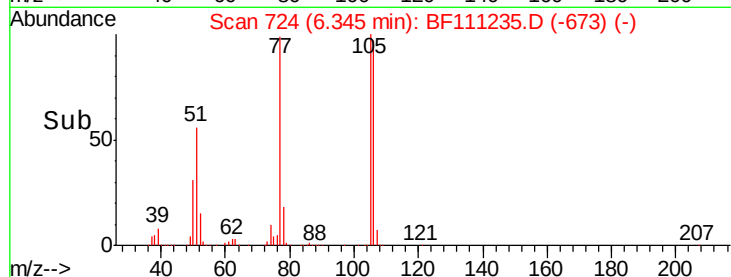
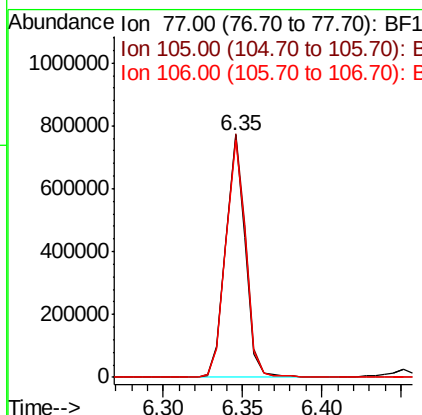
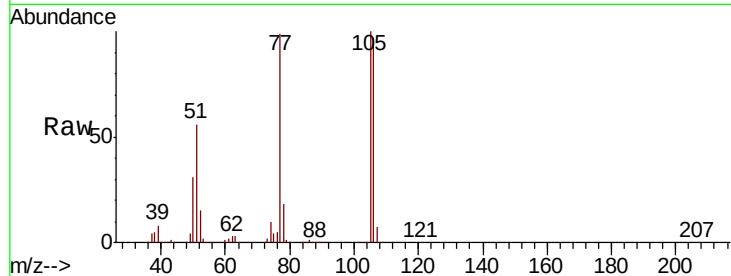
ClientSampled :

WC-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	100.7	81.4	121.4		
106	98.0	77.9	117.9		

Manual Integrations
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#10

Phenol

Concen: 41.195 ng

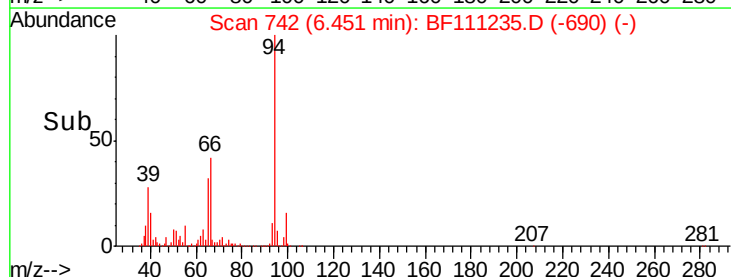
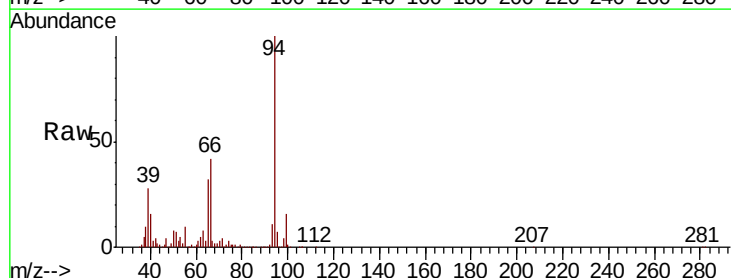
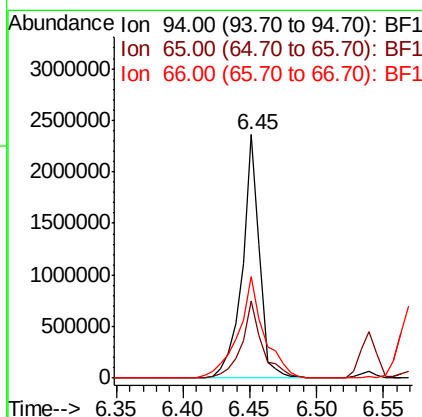
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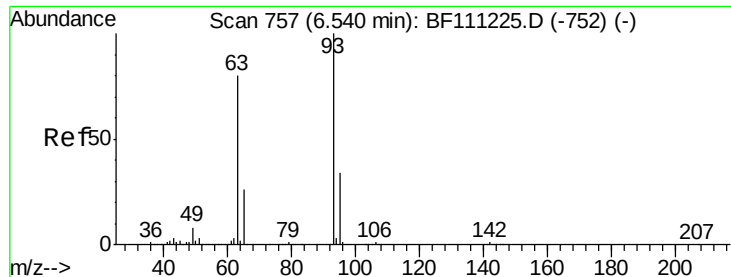
Delta R.T. 0.01 min

Lab File: BF111235.D

Acq: 10 Dec 2018 11:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	31.7	11.7	51.7		
66	41.6	21.0	61.0		





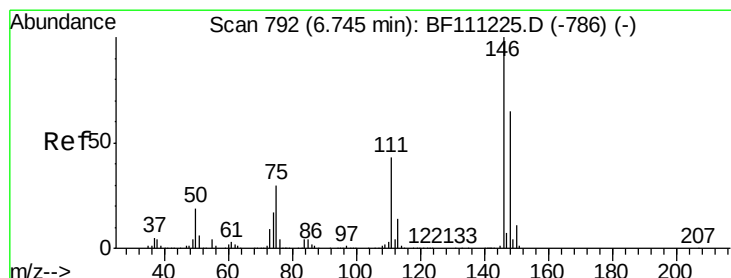
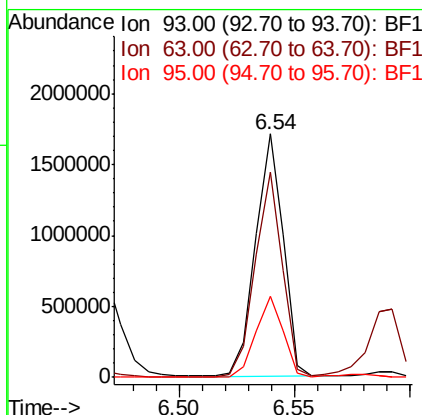
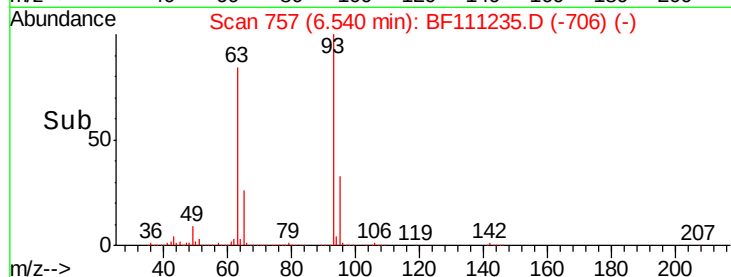
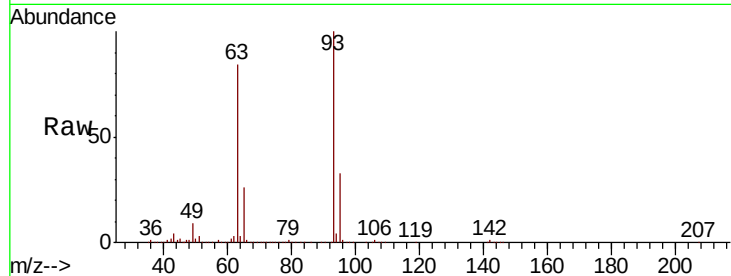
#11
bis(2-Chloroethyl)ether
Concen: 36.332 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.3	60.0	100.0
95	33.5	13.4	53.4

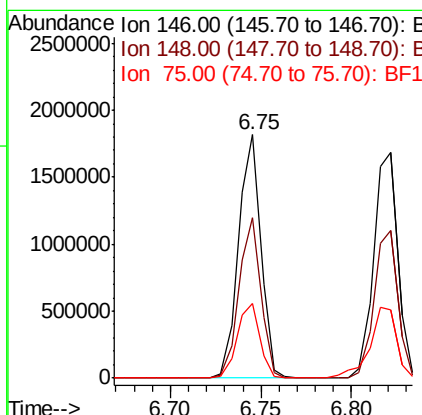
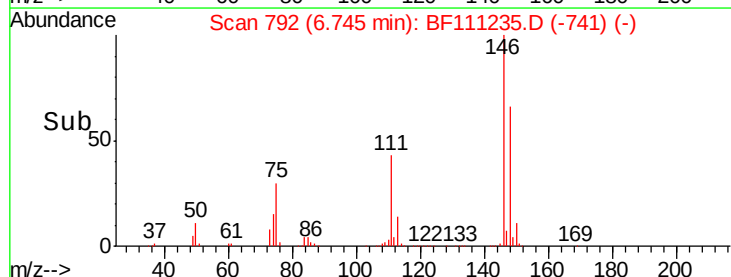
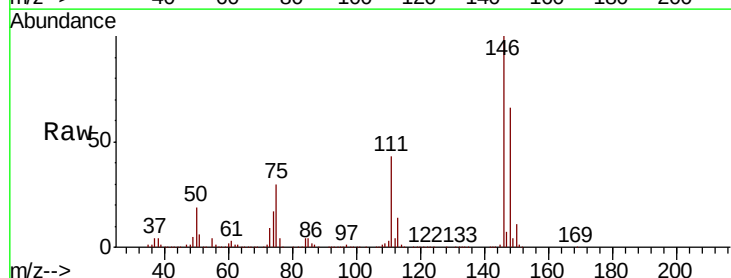
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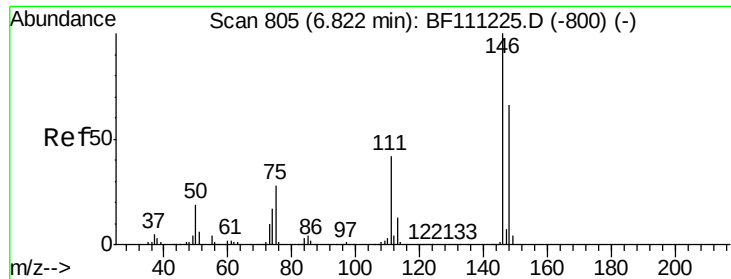
Sohil
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#12
1,3-Dichlorobenzene
Concen: 36.404 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	52.1	78.1
75	30.5	23.9	35.9





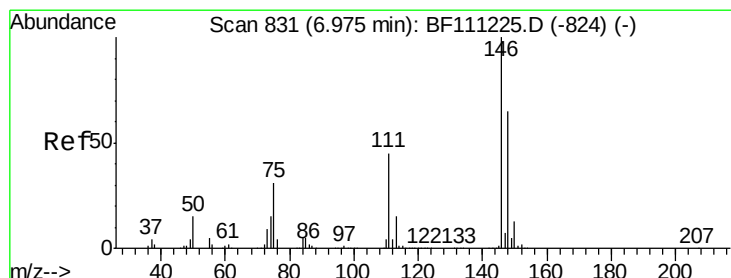
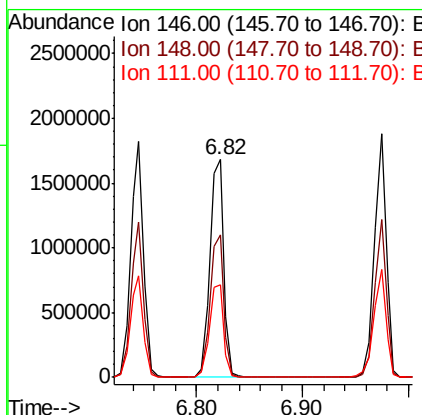
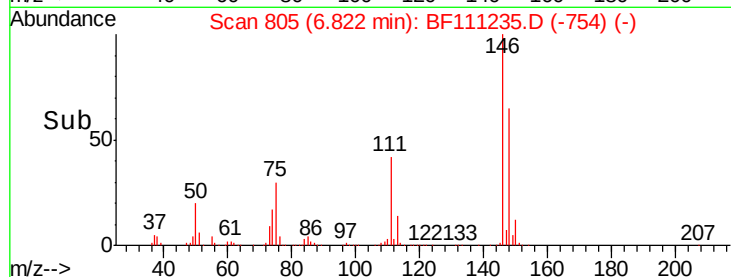
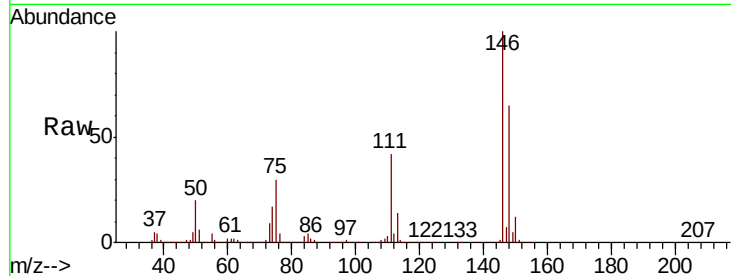
#13
 1,4-Dichlorobenzene
 Concen: 36.088 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF111235.D
 Acq: 10 Dec 2018 11:56

Instrument :
 BNA_F
 ClientSampled :
 WC-2MSD

Tot Ion:146 Resp: 1565292
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.8 79.2
 111 42.3 33.4 50.0

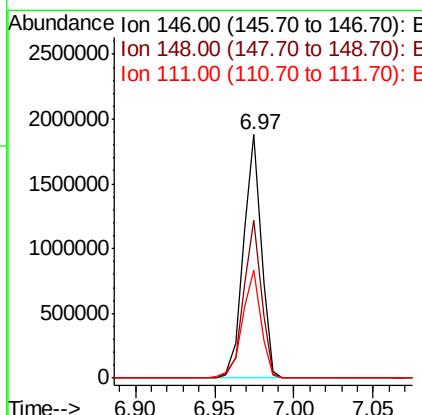
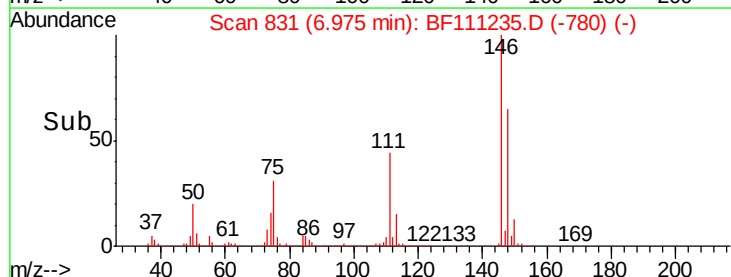
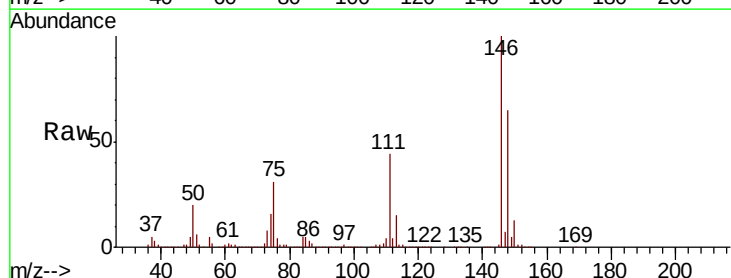
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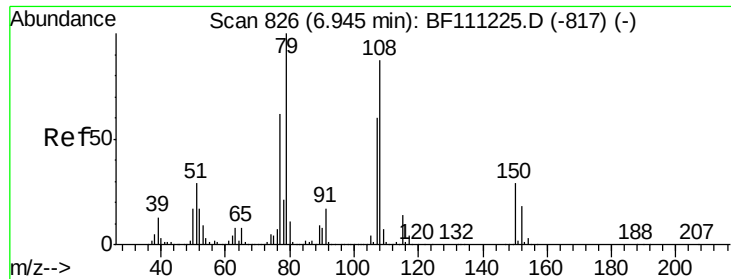
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 36.253 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF111235.D
 Acq: 10 Dec 2018 11:56

Tgt Ion:146 Resp: 1466635
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.9 77.9
 111 44.4 36.2 54.4





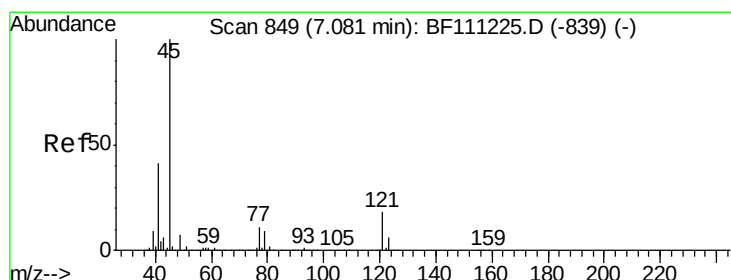
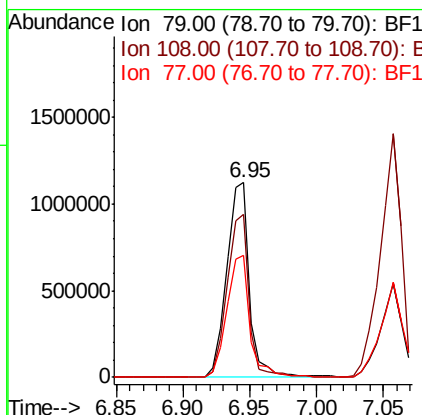
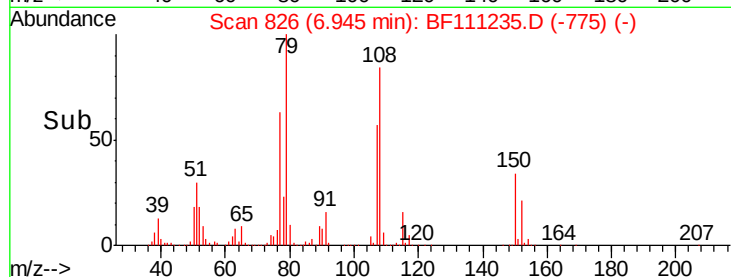
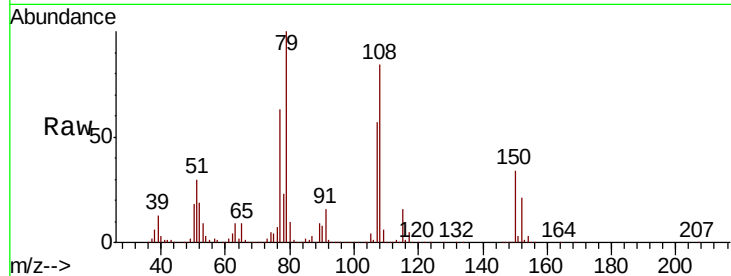
#15
Benzyl Alcohol
Concen: 39.032 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tot Ion: 79 Resp: 1350096
Ion Ratio Lower Upper
79 100
108 83.7 69.4 104.2
77 63.0 49.7 74.5

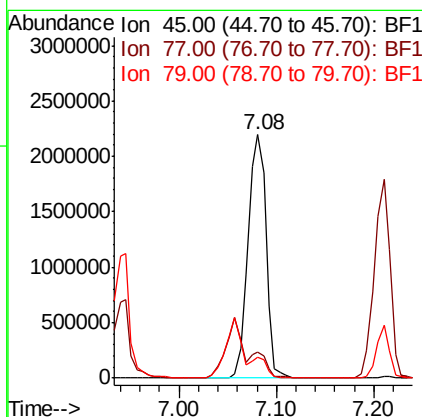
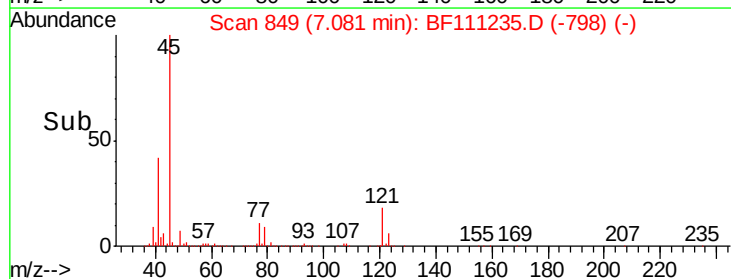
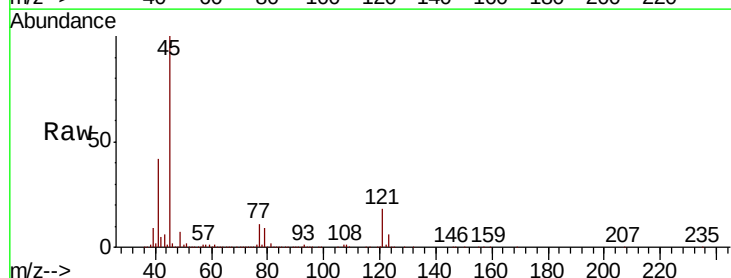
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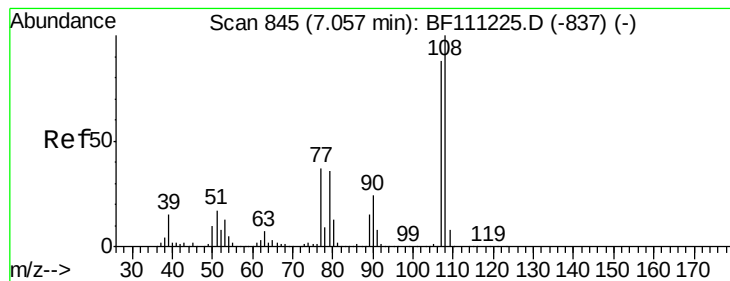
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.284 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Tgt Ion: 45 Resp: 2833171
Ion Ratio Lower Upper
45 100
77 10.9 0.0 31.5
79 8.6 0.0 28.9





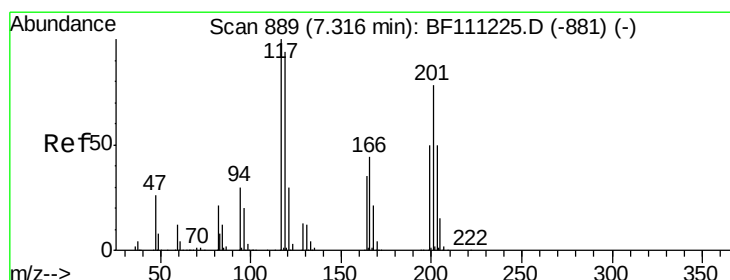
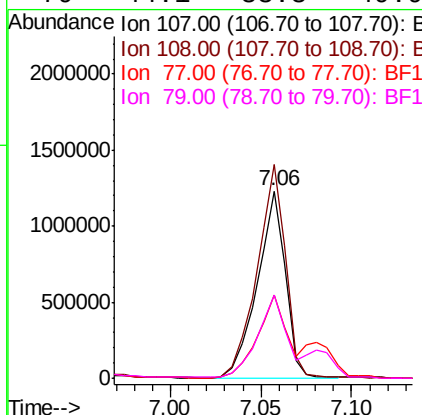
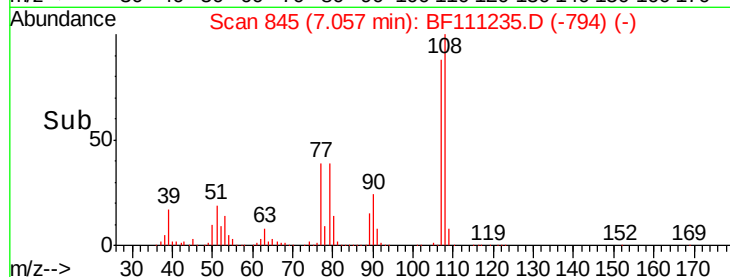
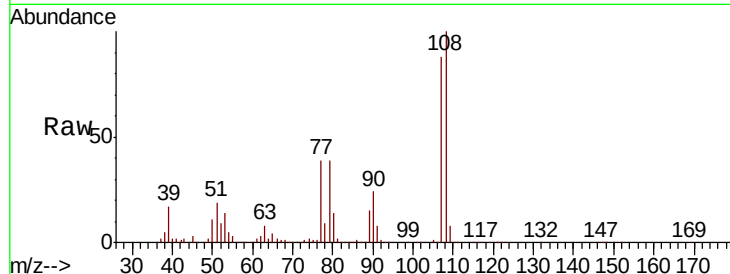
#17
2-Methylphenol
Concen: 40.693 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.0	91.0	136.4
77	44.6	33.5	50.3
79	44.1	33.3	49.9

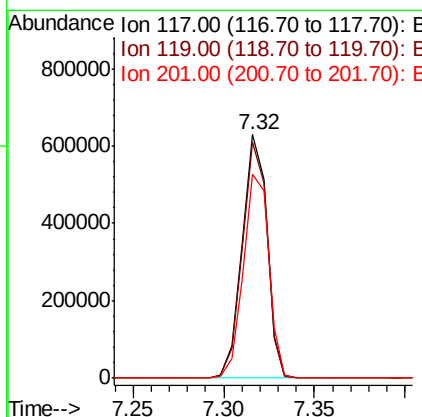
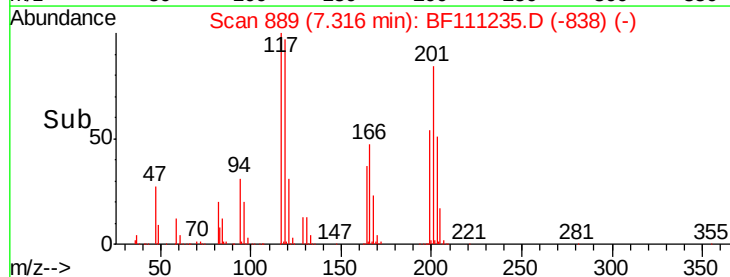
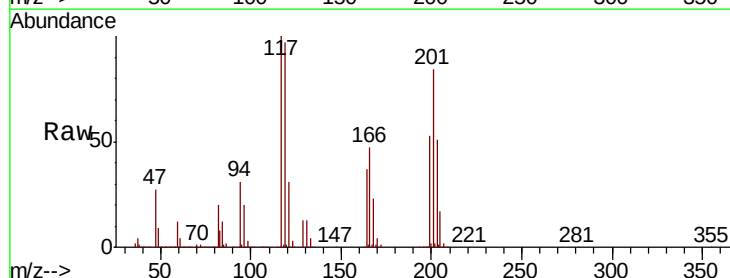
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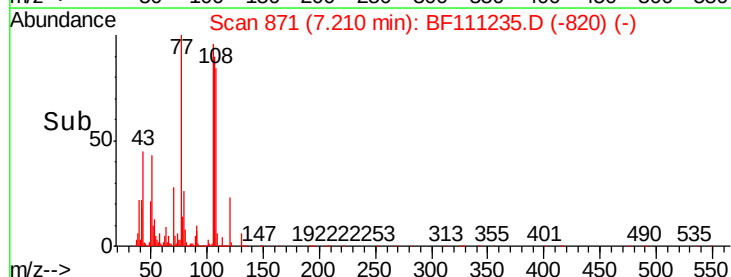
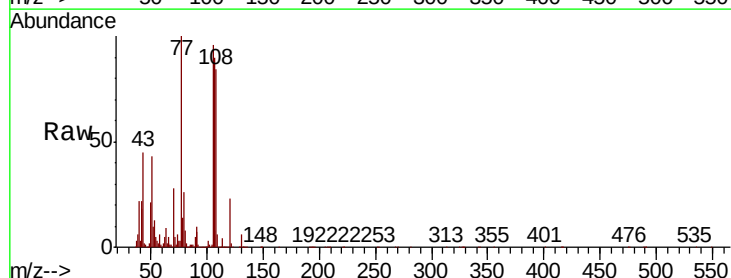
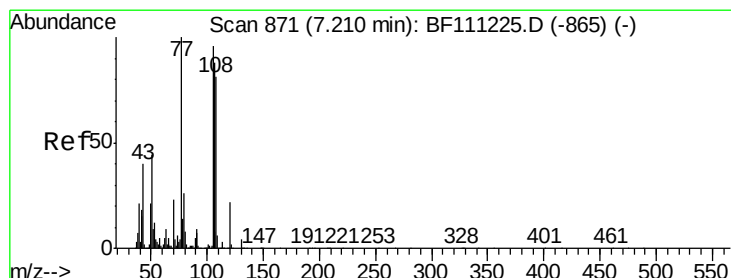
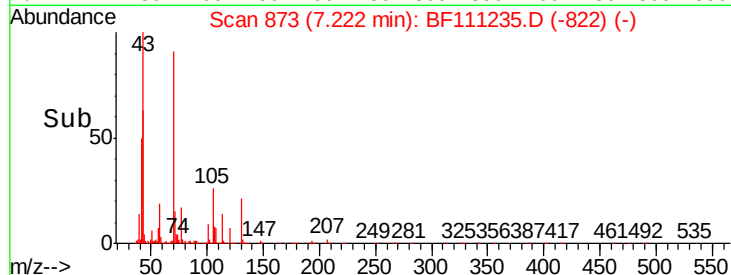
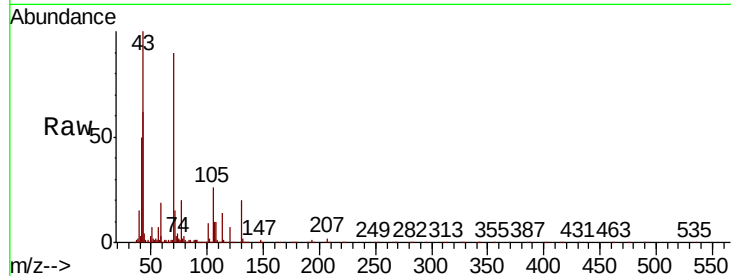
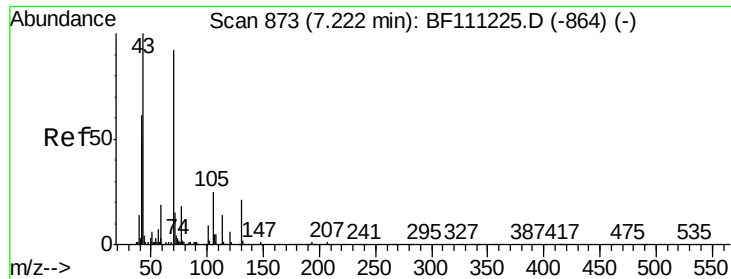
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#18
Hexachloroethane
Concen: 36.291 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.4	113.0
201	83.7	62.4	93.6





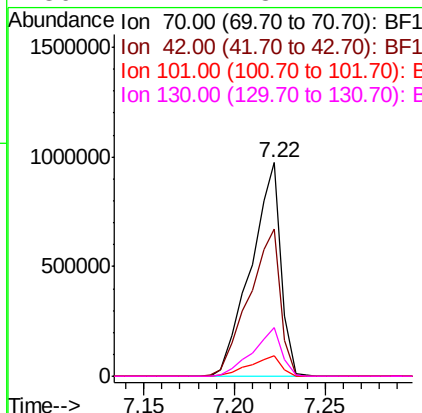
#19
n-Nitroso-di-n-propylamine
Concen: 38.331 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Instrument :
BNA_F
ClientSampled :
WC-2MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	69.0	53.2	79.8
101	9.9	8.2	12.4
130	22.7	18.1	27.1

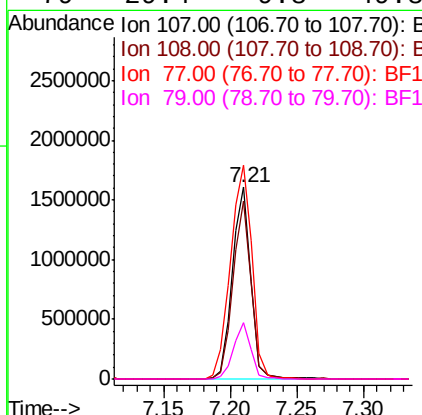
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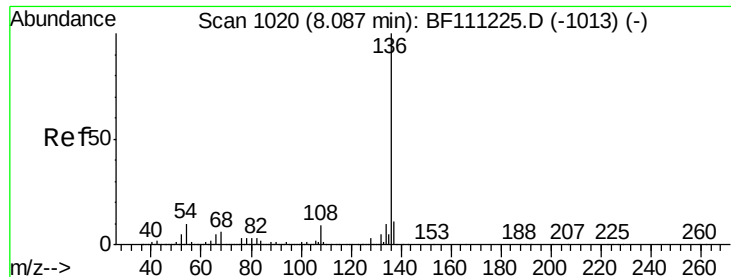
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#20
3+4-Methylphenols
Concen: 39.984 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.1	72.1	112.1
77	111.5	94.1	134.1
79	29.4	9.8	49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF111235.D

Acq: 10 Dec 2018 11:56

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

Tot Ion:136 Resp: 2244882

Ion Ratio Lower Upper

136 100

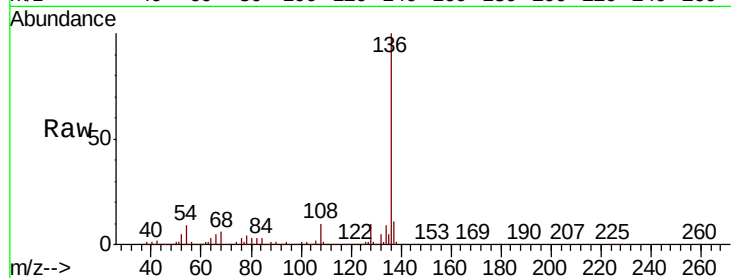
137 11.2 9.1 13.7

54 9.2 7.7 11.5

68 5.9 4.9 7.3

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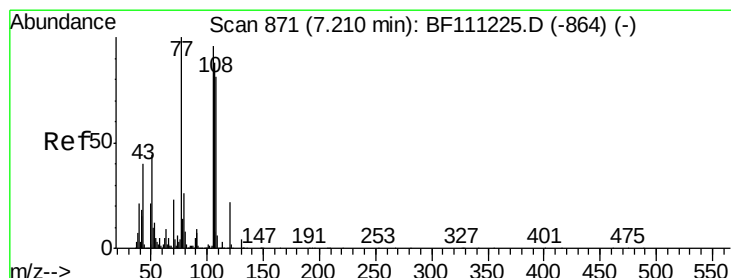
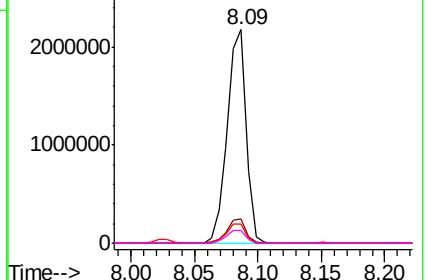
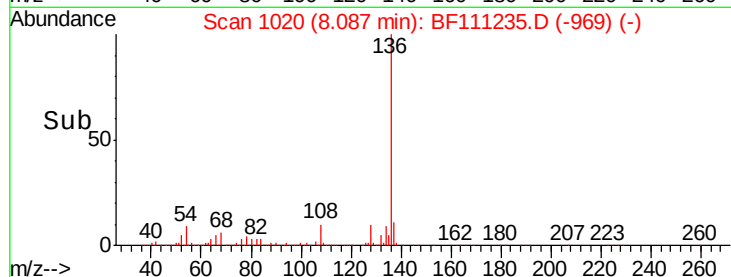


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.465 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF111235.D

Acq: 10 Dec 2018 11:56

Tgt Ion:105 Resp: 2078467

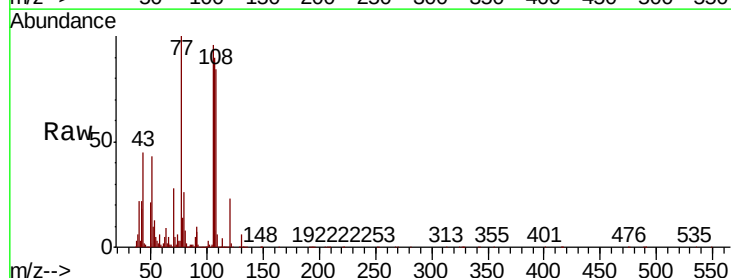
Ion Ratio Lower Upper

105 100

71 5.0 3.1 4.7#

51 44.9 36.6 54.8

120 23.6 18.2 27.4

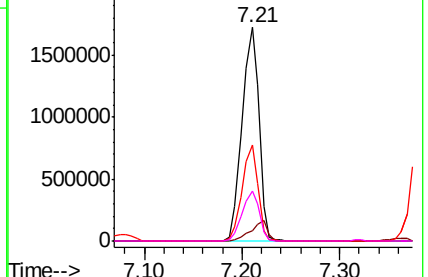
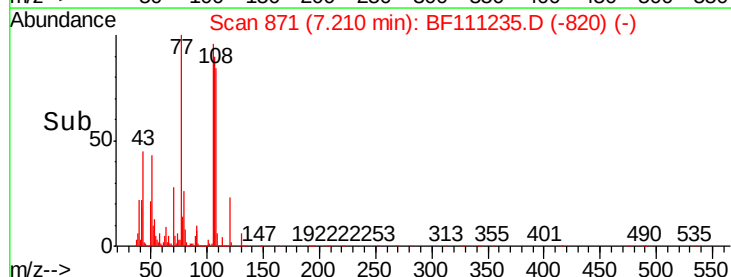


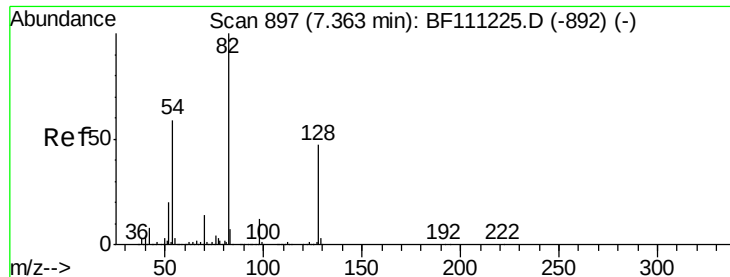
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





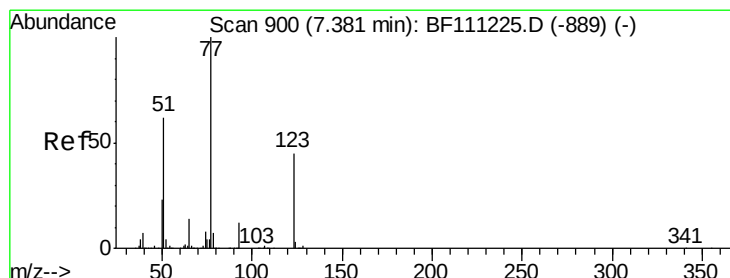
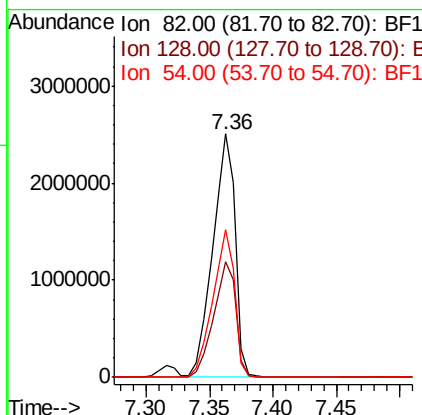
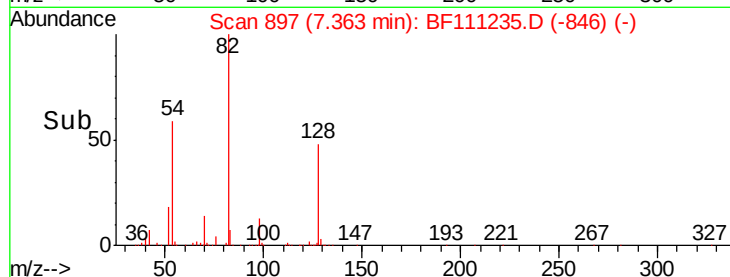
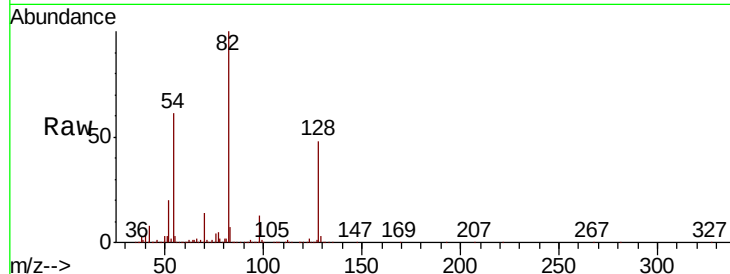
#23
 Nitrobenzene-d5
 Concen: 77.339 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BF111235.D
 Acq: 10 Dec 2018 11:56

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MSD

Tot Ion: 82 Resp: 3095406
 Ion Ratio Lower Upper
 82 100
 128 47.5 37.4 56.2
 54 60.7 47.6 71.4

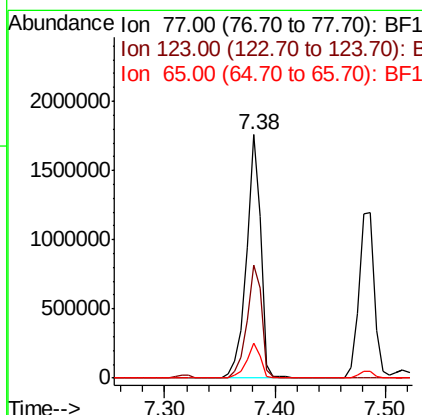
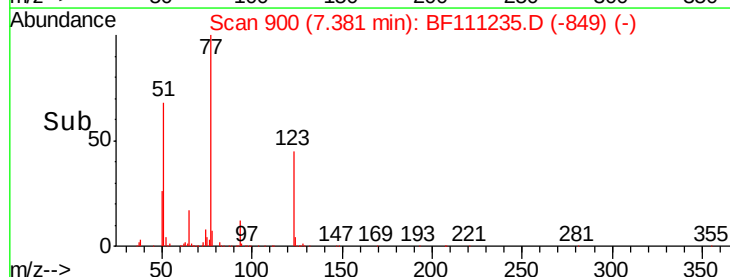
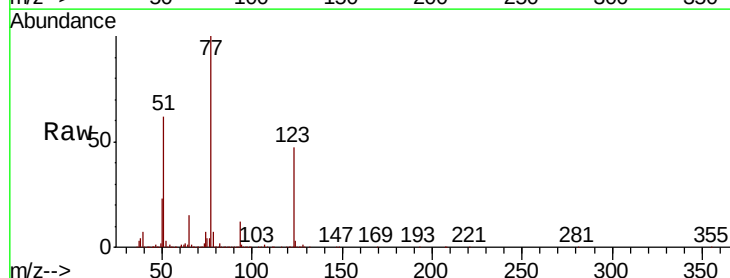
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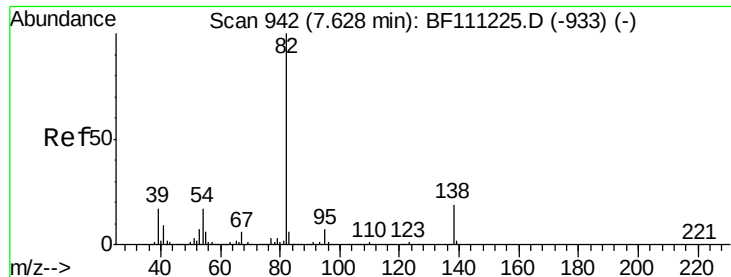
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#24
 Nitrobenzene
 Concen: 38.181 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF111235.D
 Acq: 10 Dec 2018 11:56

Tgt Ion: 77 Resp: 1590475
 Ion Ratio Lower Upper
 77 100
 123 46.5 37.2 55.8
 65 14.6 11.5 17.3





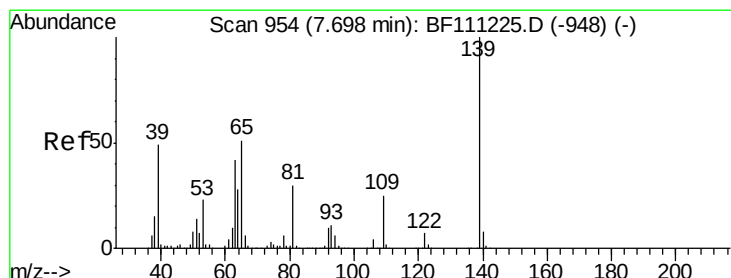
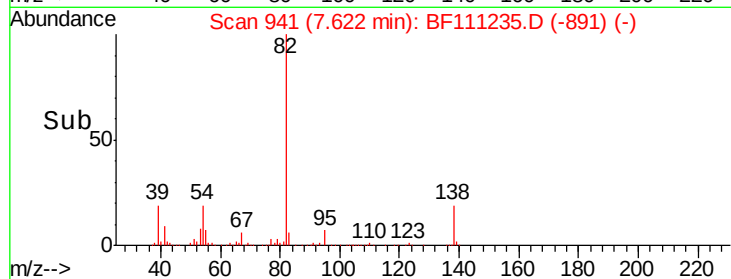
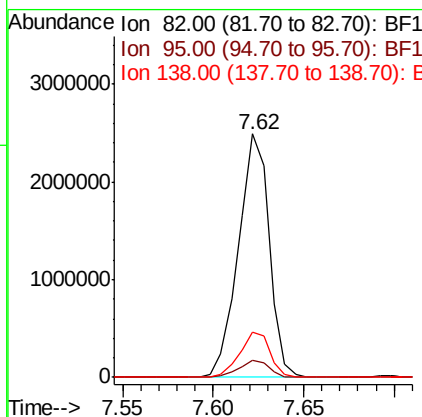
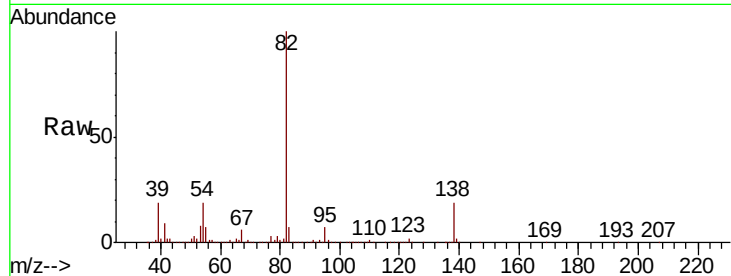
#25
Isophorone
Concen: 43.015 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.4	8.2
138	18.8	15.1	22.7

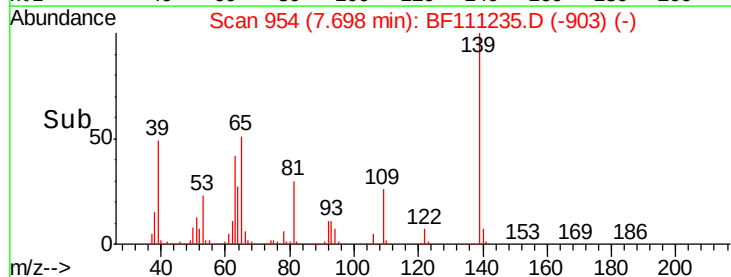
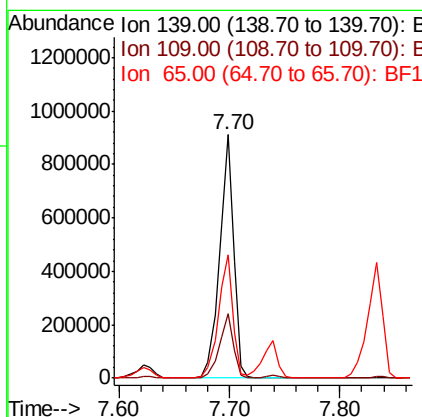
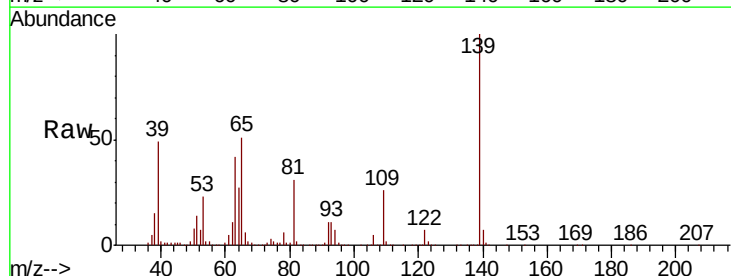
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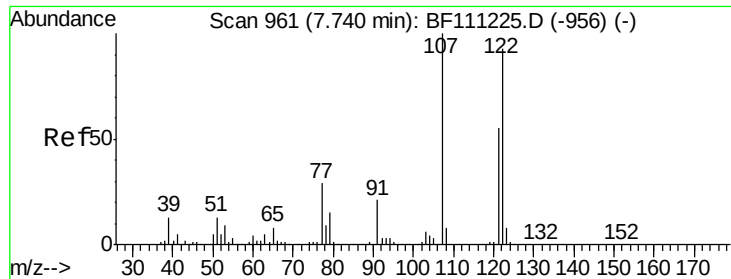
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#26
2-Nitrophenol
Concen: 39.173 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	26.3	20.2	30.4
65	50.8	40.7	61.1





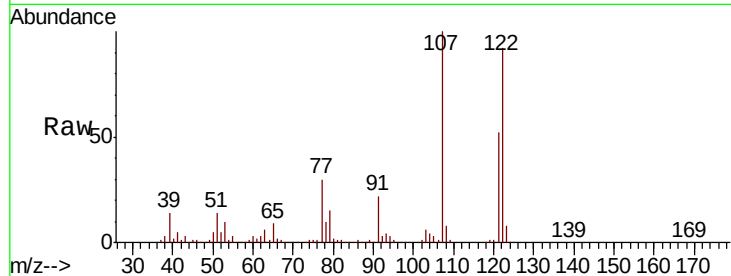
#27
 2,4-Dimethylphenol
 Concen: 43.430 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF111235.D
 Acq: 10 Dec 2018 11:56

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.0	85.5	128.3
121	57.1	46.6	70.0

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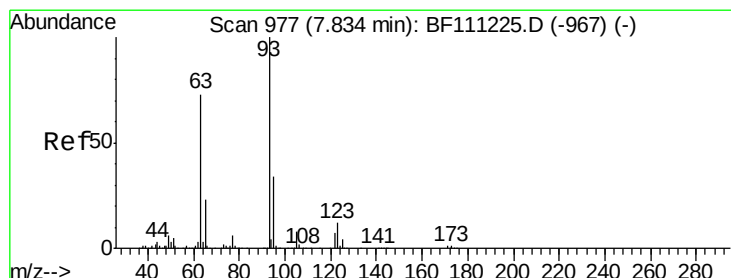
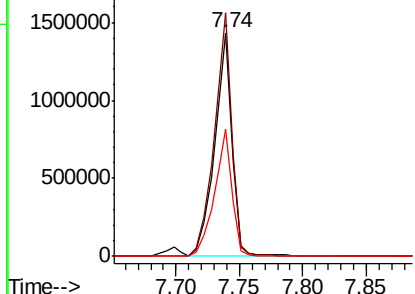
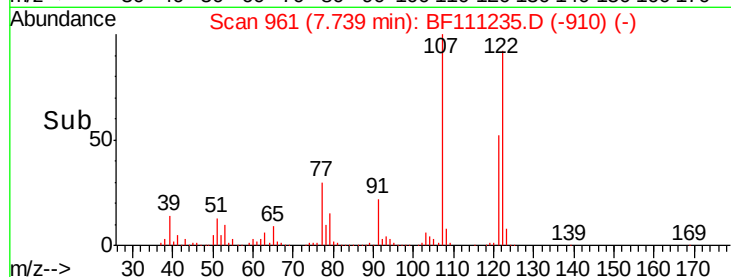


Abundance

Ion 122.00 (121.70 to 122.70): E

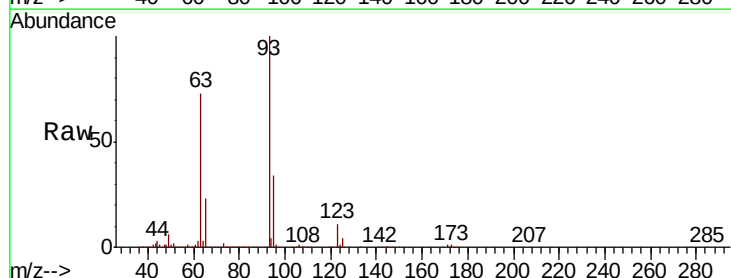
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.545 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: BF111235.D
 Acq: 10 Dec 2018 11:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	27.1	40.7
123	11.4	9.9	14.9

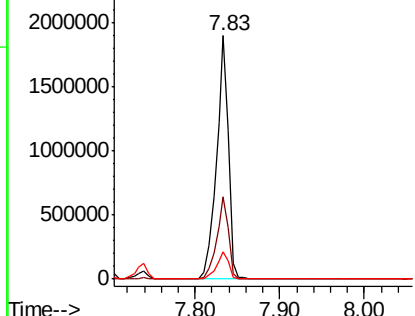
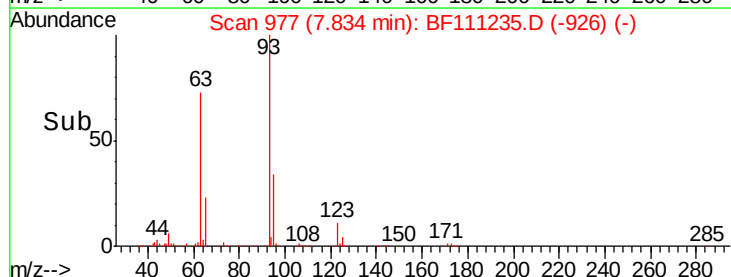


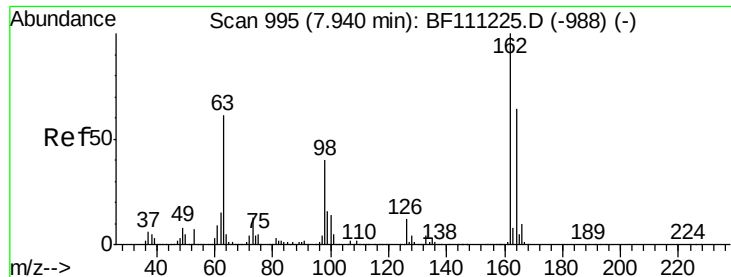
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





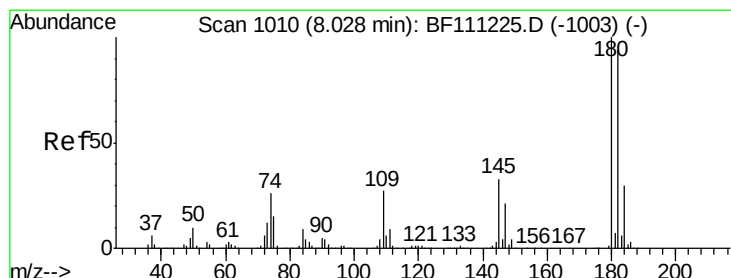
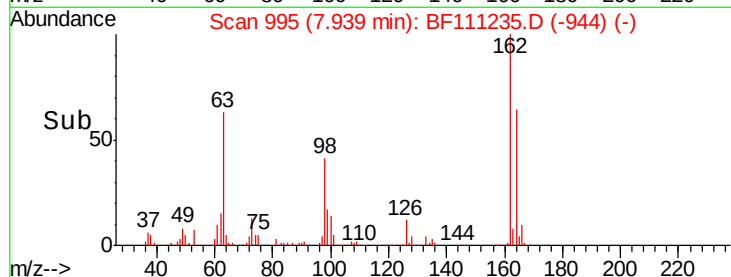
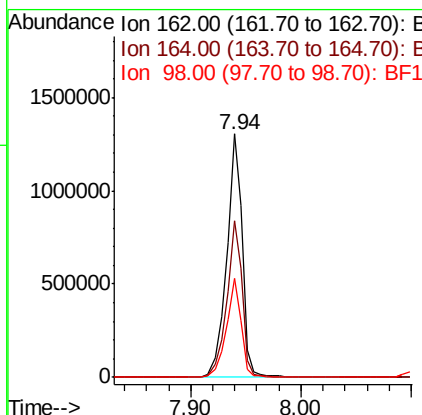
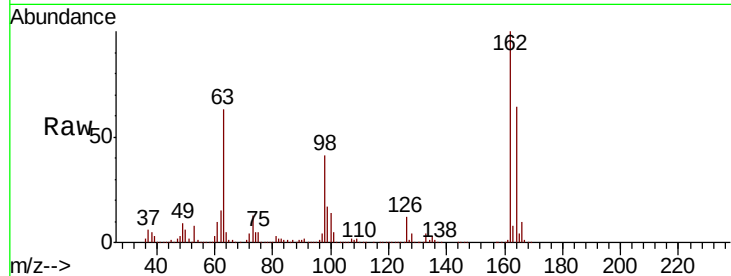
#29
2,4-Dichlorophenol
Concen: 39.230 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tot Ion:	162	Resp:	1282866
Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.4	84.4
98	40.6	20.3	60.3

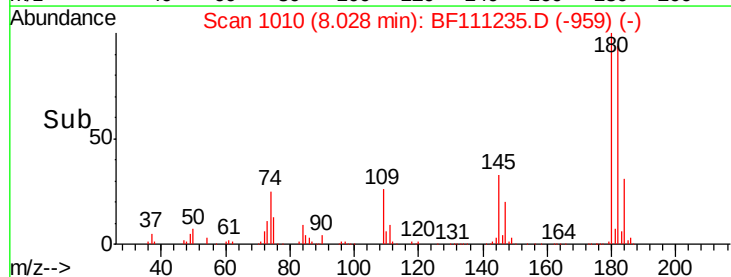
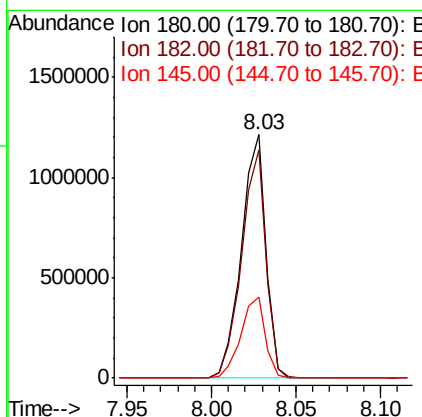
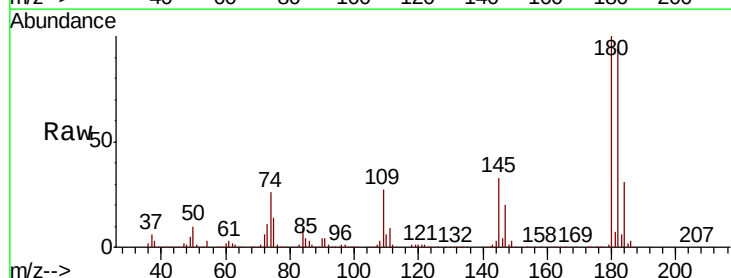
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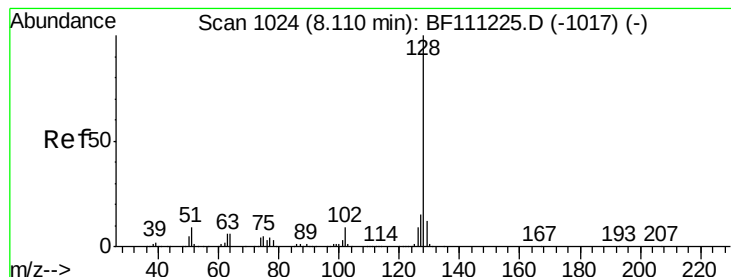
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#30
1,2,4-Trichlorobenzene
Concen: 38.074 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Tgt Ion:	180	Resp:	1226421
Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.6	113.4
145	33.2	26.7	40.1





#31

Naphthalene

Concen: 41.931 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF111235.D

Acq: 10 Dec 2018 11:56

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

Tot Ion:128 Resp: 4108168

Ion Ratio Lower Upper

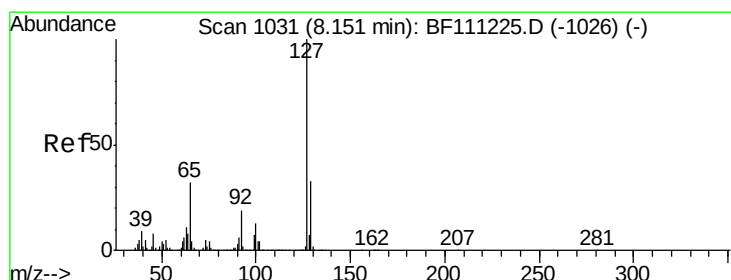
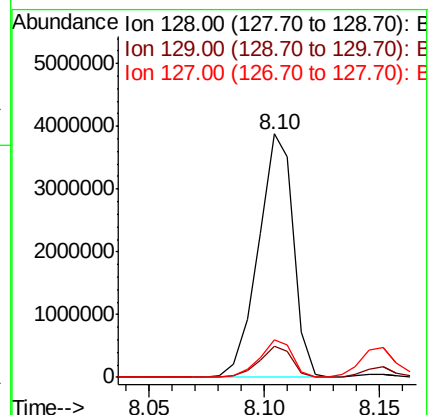
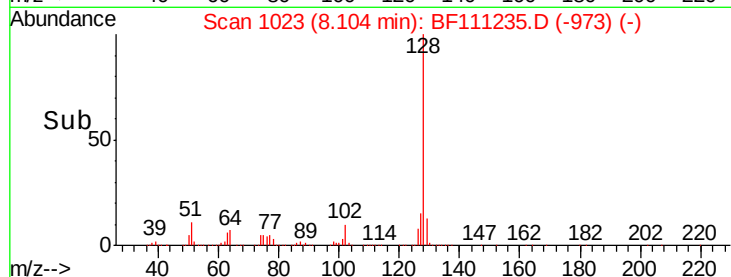
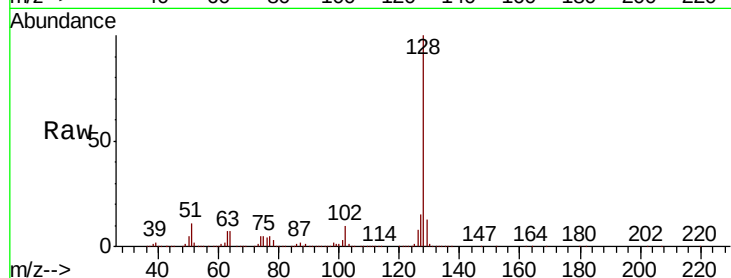
128 100

129 13.0 9.8 14.8

127 15.3 12.0 18.0

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#33

4-Chloroaniline

Concen: 11.943 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF111235.D

Acq: 10 Dec 2018 11:56

Tgt Ion:127 Resp: 561989

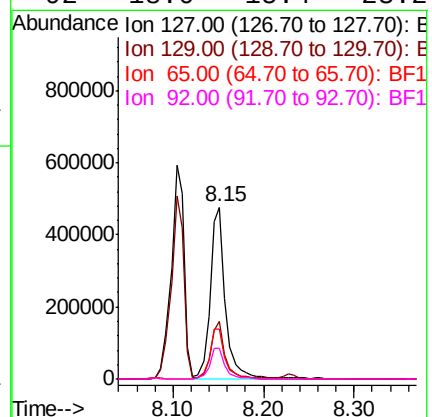
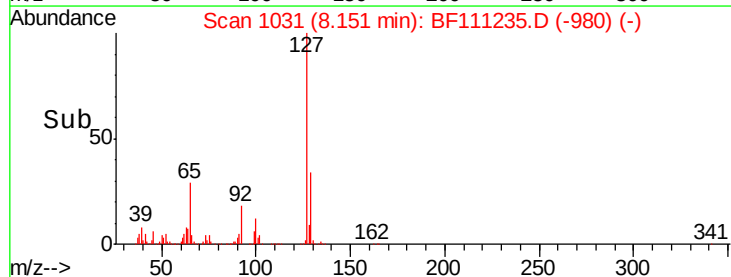
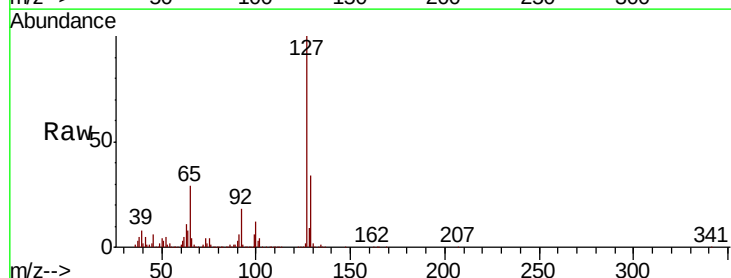
Ion Ratio Lower Upper

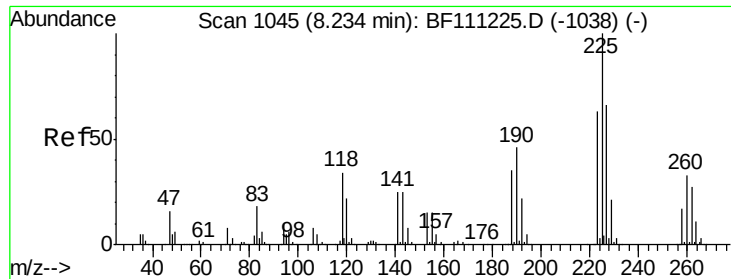
127 100

129 33.8 26.6 39.8

65 29.1 25.7 38.5

92 18.0 15.4 23.2





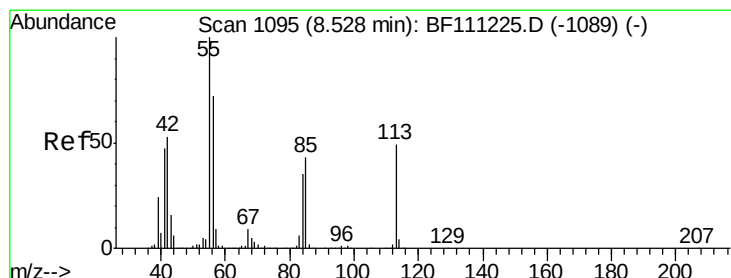
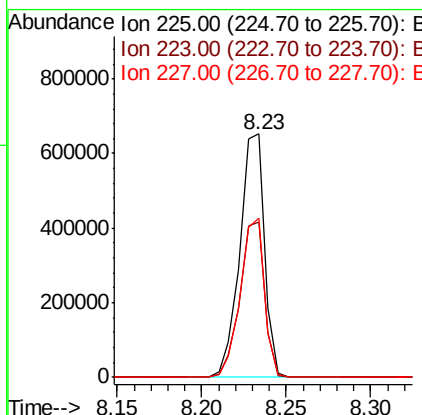
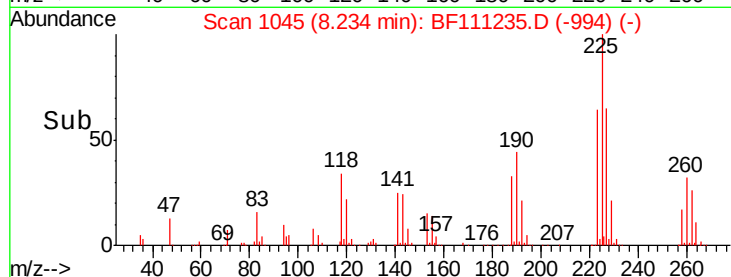
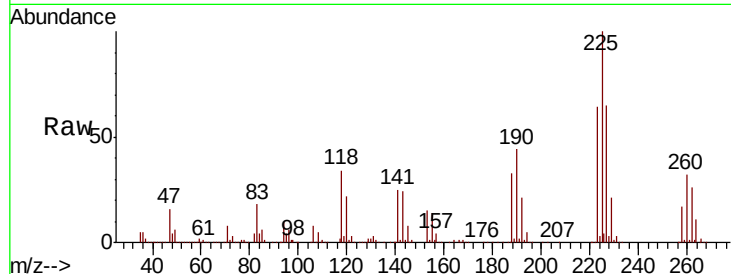
#34
Hexachlorobutadiene
Concen: 37.437 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tot Ion:	225	Resp:	665667
Ion Ratio		Lower	Upper
225	100		
223	63.6	50.7	76.1
227	65.2	52.6	78.8

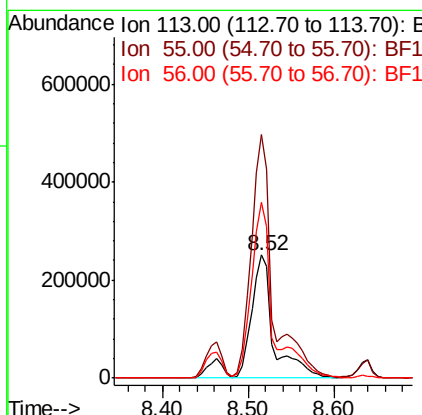
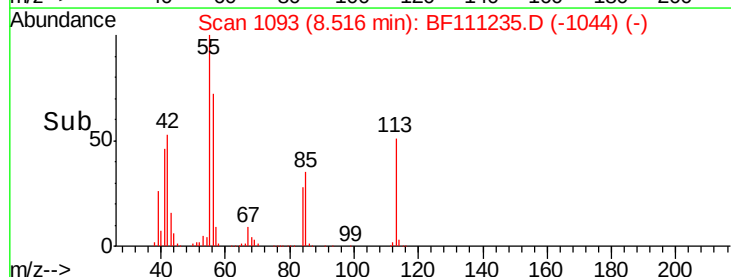
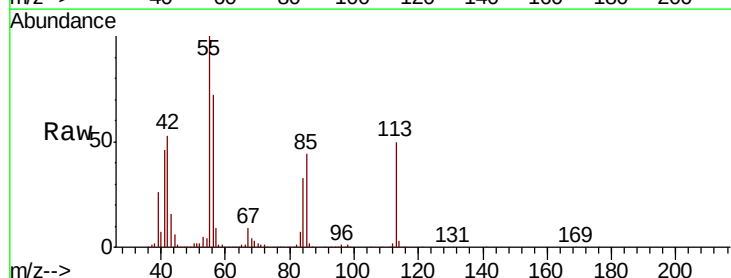
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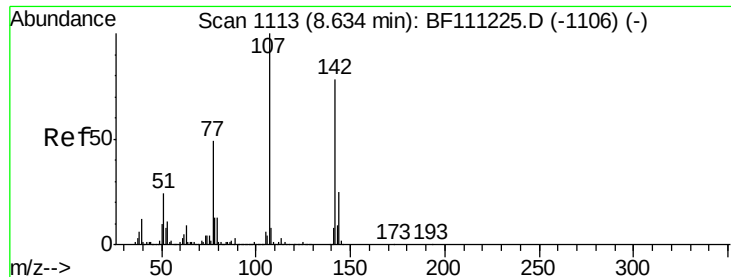
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#35
Caprolactam
Concen: 43.403 ng m
RT: 8.52 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Tgt Ion:	113	Resp:	502955
Ion Ratio		Lower	Upper
113	100		
55	198.2	184.1	224.1
56	142.9	126.0	166.0





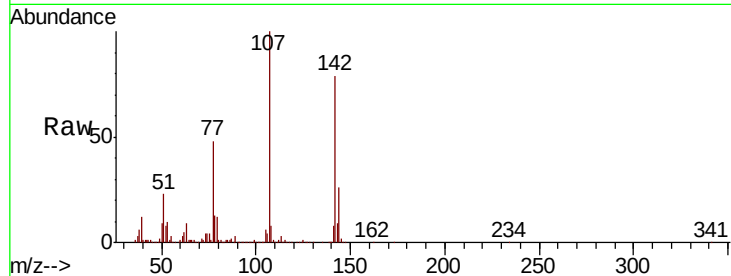
#36
4-Chloro-3-methylphenol
Concen: 42.315 ng
RT: 8.64 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Instrument :
BNA_F
ClientSampled :
WC-2MSD

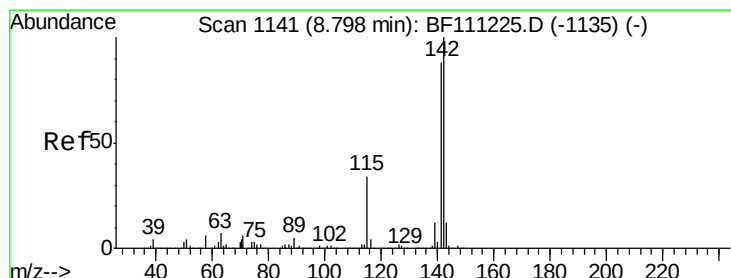
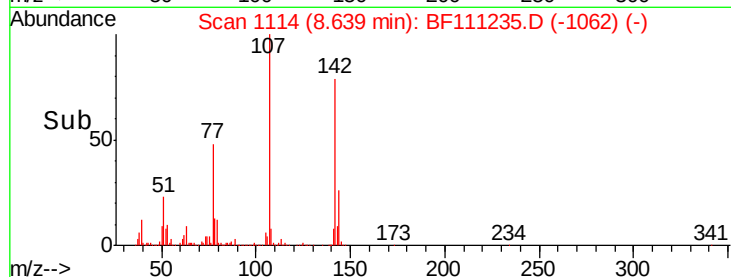
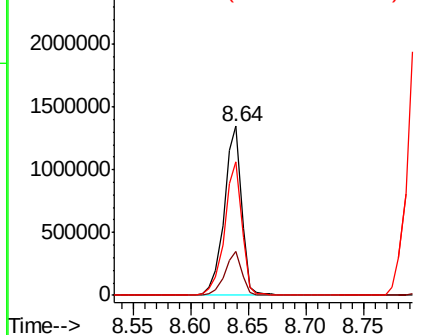
Tot Ion:107 Resp: 1416802
Ion Ratio Lower Upper
107 100
144 25.8 19.8 29.6
142 79.3 62.3 93.5

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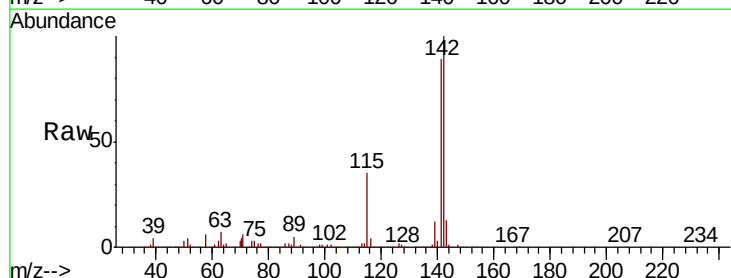


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

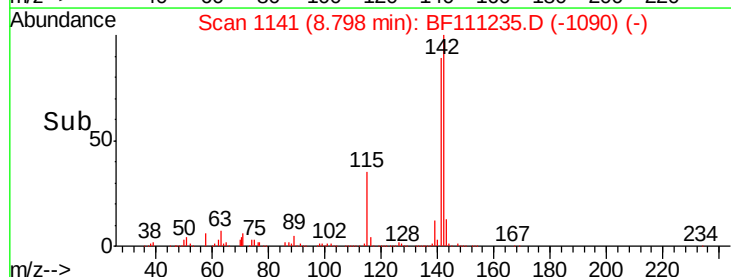
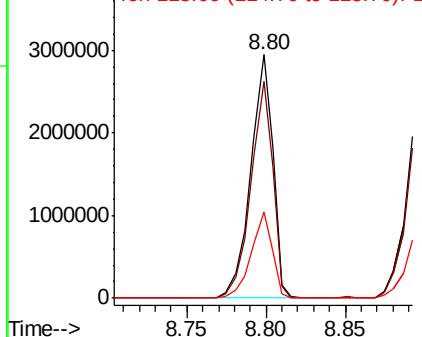


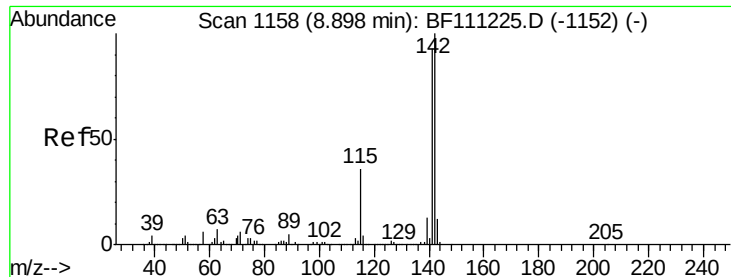
#37
2-Methylnaphthalene
Concen: 43.730 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Tgt Ion:142 Resp: 2844528
Ion Ratio Lower Upper
142 100
141 89.2 70.6 105.8
115 35.3 27.0 40.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





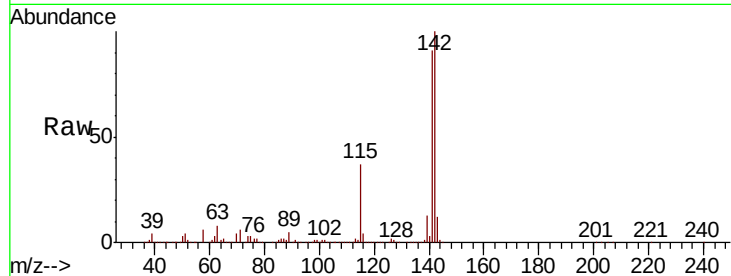
#38
1-Methylnaphthalene
Concen: 42.502 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	74.2	111.4
116	3.8	2.9	4.3

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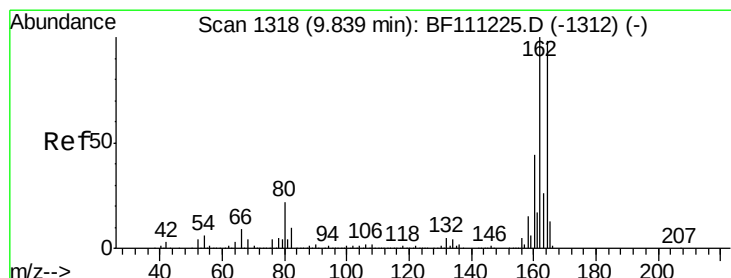
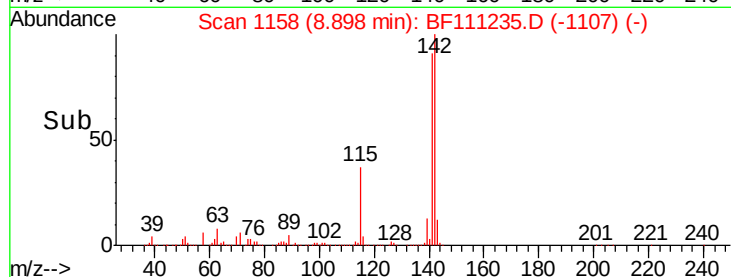
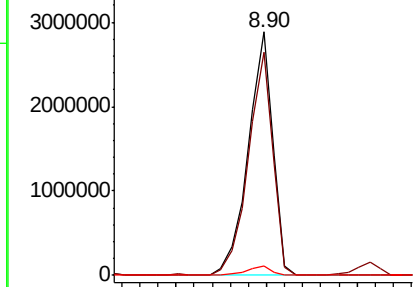


Abundance

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: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

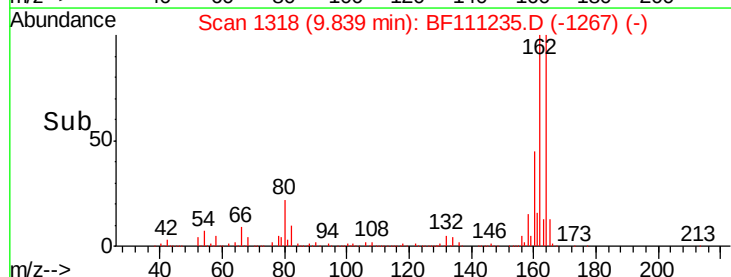
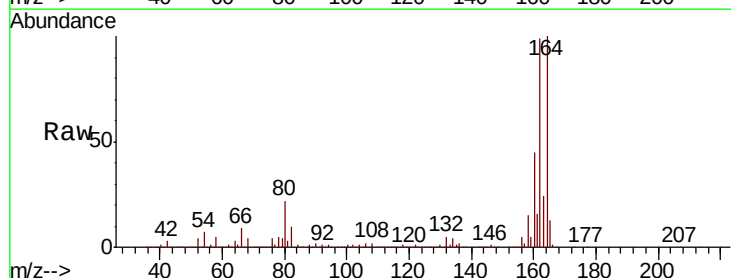
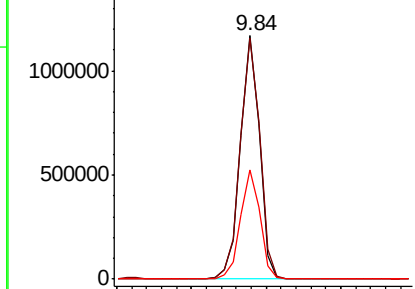
Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.0	81.4	122.0
160	45.0	35.7	53.5

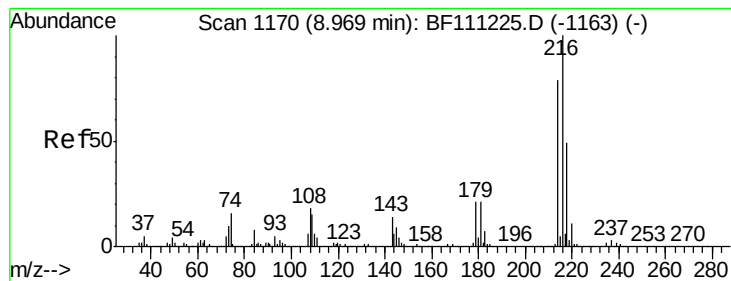
Abundance

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: 34.927 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF111235.D

Acq: 10 Dec 2018 11:56

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

Tot Ion:216 Resp: 1019087

Ion Ratio Lower Upper

216 100

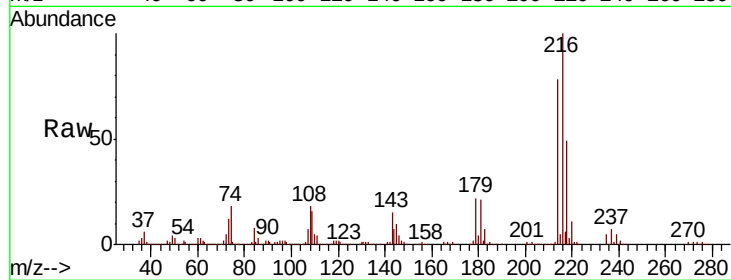
214 79.7 63.8 95.8

179 22.7 17.9 26.9

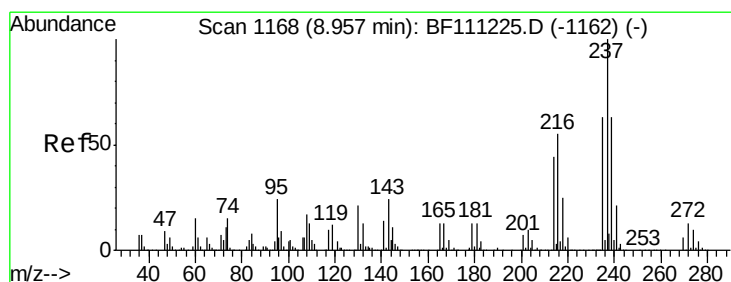
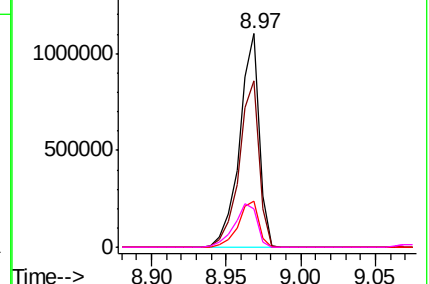
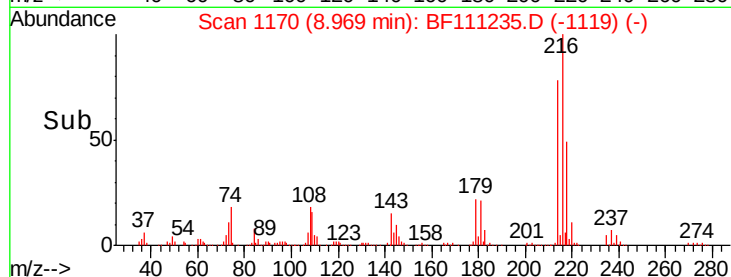
108 24.2 18.4 27.6

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#41

Hexachlorocyclopentadiene

Concen: 59.411 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF111235.D

Acq: 10 Dec 2018 11:56

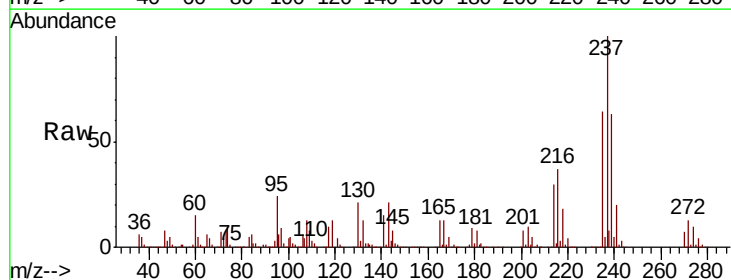
Tgt Ion:237 Resp: 987217

Ion Ratio Lower Upper

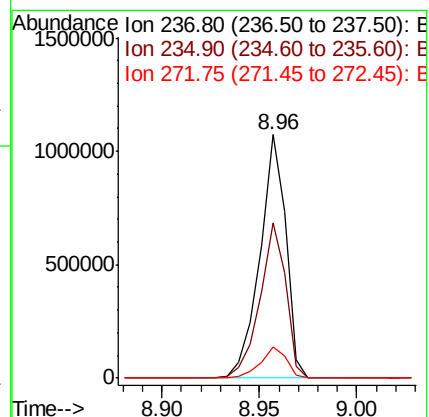
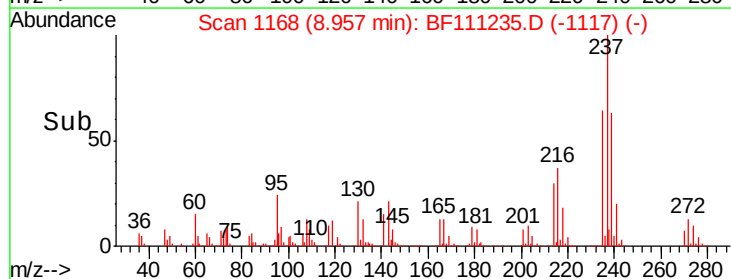
237 100

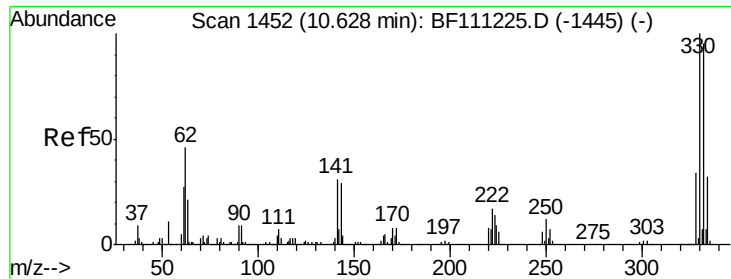
235 63.7 43.1 83.1

272 12.8 0.0 33.0



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





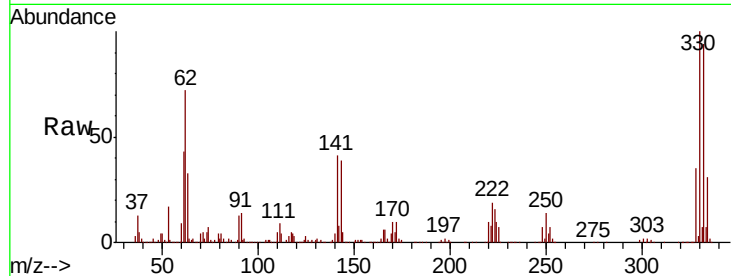
#42
 2,4,6-Tribromophenol
 Concen: 109.317 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF111235.D
 Acq: 10 Dec 2018 11:56

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.0	114.0
141	39.9	31.0	46.6

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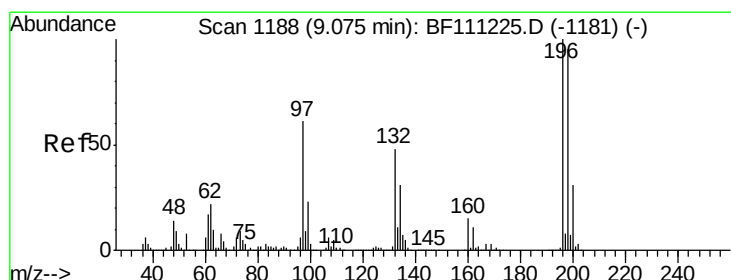
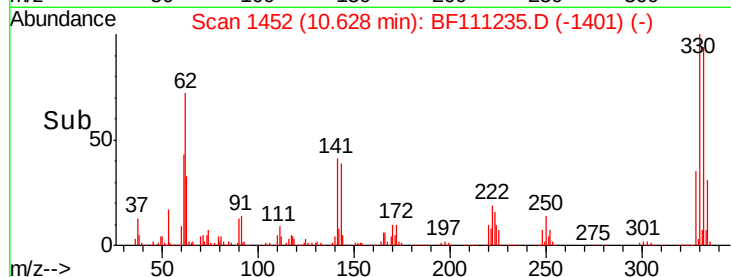
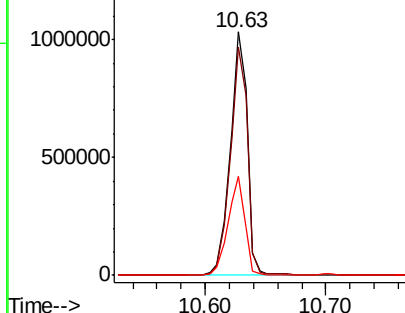


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
 2,4,6-Trichlorophenol
 Concen: 36.336 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF111235.D
 Acq: 10 Dec 2018 11:56

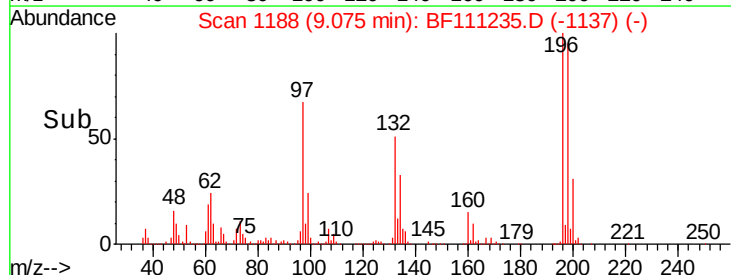
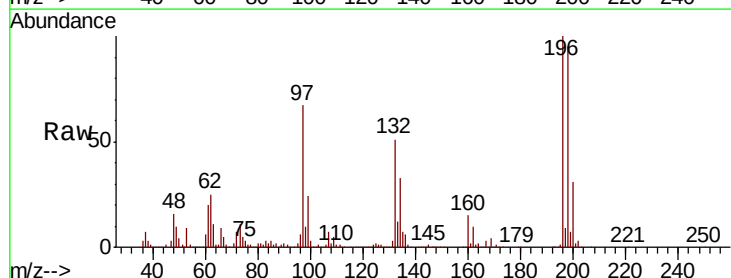
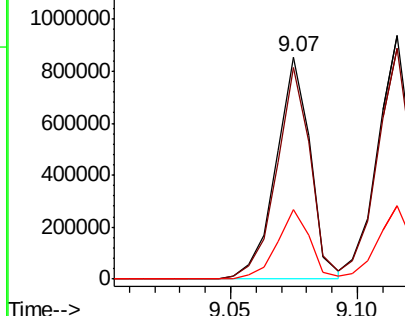
Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	76.3	114.5
200	31.3	24.9	37.3

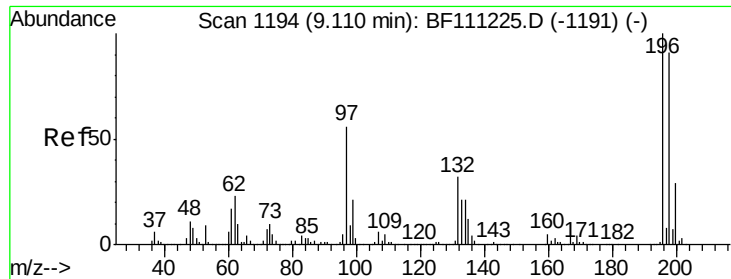
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





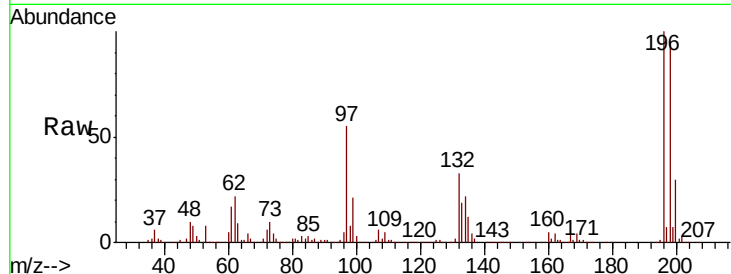
#44
 2,4,5-Trichlorophenol
 Concen: 37.955 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF111235.D
 Acq: 10 Dec 2018 11:56

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MSD

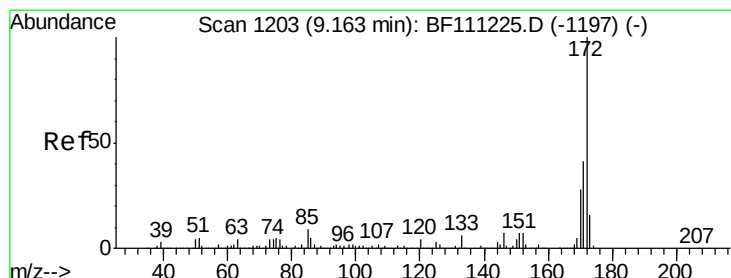
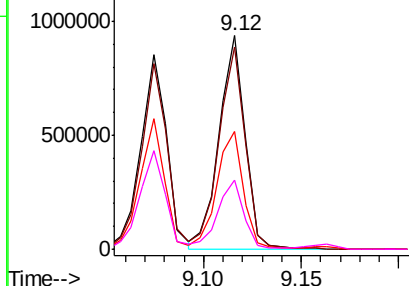
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		865963		
198	94.7	72.9	109.3		
97	55.1	45.3	67.9		
132	32.5	25.5	38.3		

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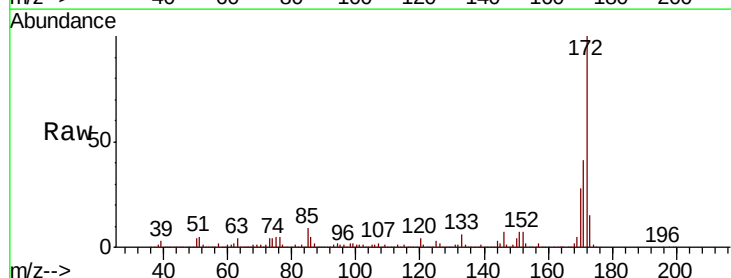


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

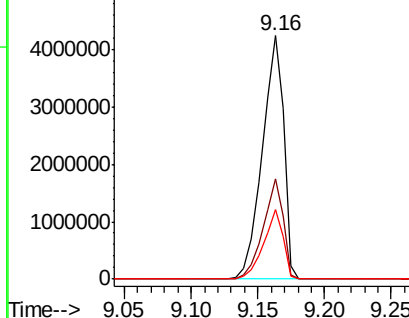


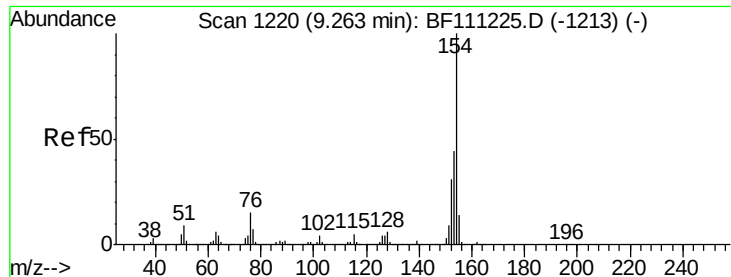
#45
 2-Fluorobiphenyl
 Concen: 74.893 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF111235.D
 Acq: 10 Dec 2018 11:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		4684865		
171	41.4	33.0	49.4		
170	28.3	22.3	33.5		



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





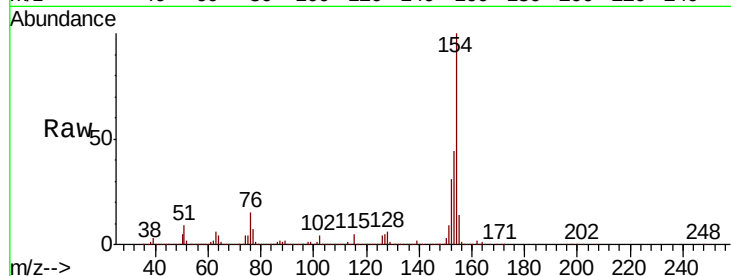
#46
 1,1'-Biphenyl
 Concen: 36.453 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BF111235.D
 Acq: 10 Dec 2018 11:56

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	44.1	23.7	63.7
76	14.7	0.0	35.0

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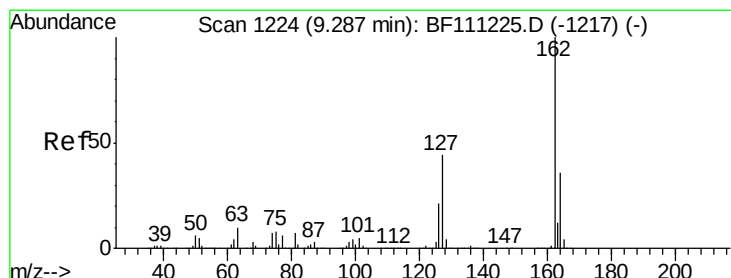
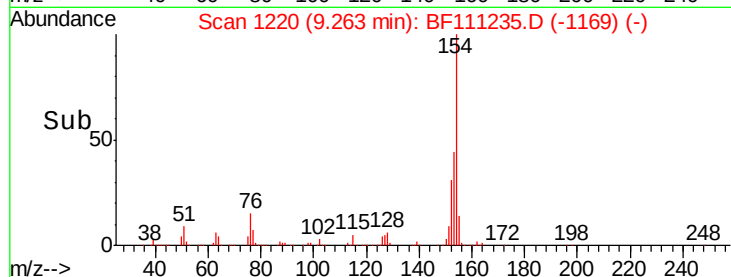
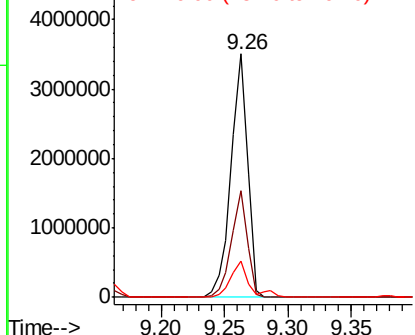


Abundance

Ion 154.00 (153.70 to 154.70): E

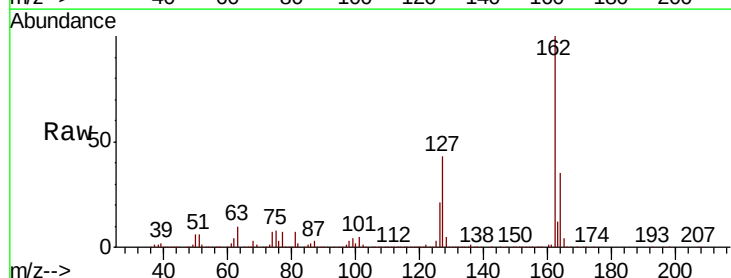
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#47
 2-Chloronaphthalene
 Concen: 37.353 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF111235.D
 Acq: 10 Dec 2018 11:56

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.6	35.0	52.4
164	34.8	28.4	42.6

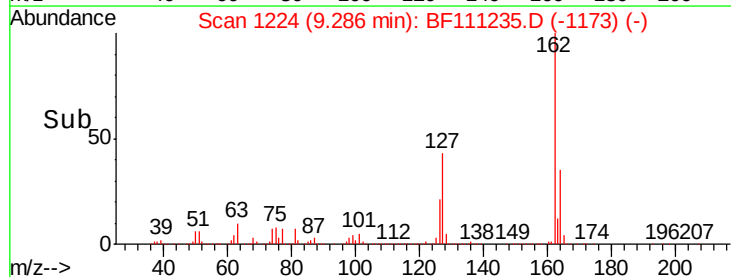
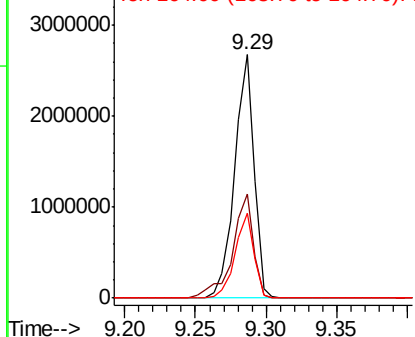


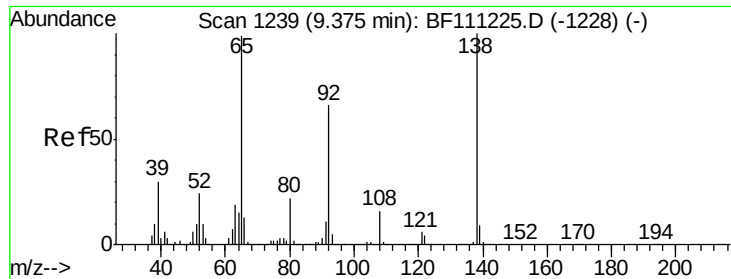
Abundance

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





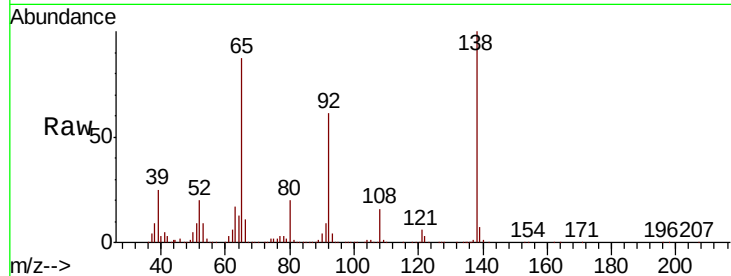
#48
2-Nitroaniline
Concen: 39.053 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.01 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

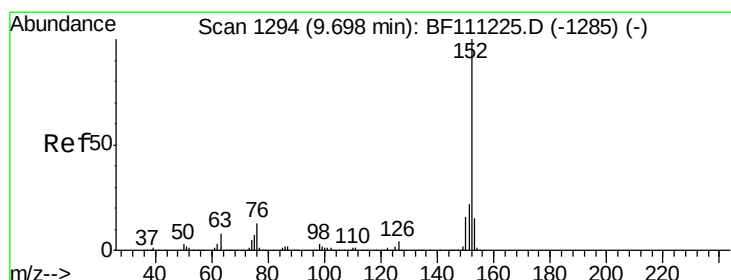
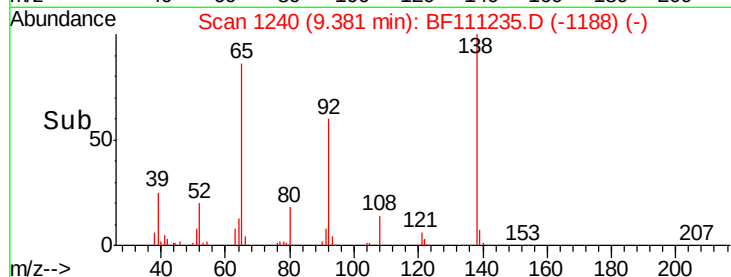
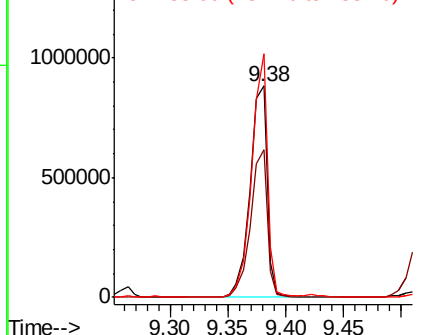
Tot Ion	Ratio	Lower	Upper
65	100		
92	69.7	53.5	80.3
138	115.2	80.9	121.3

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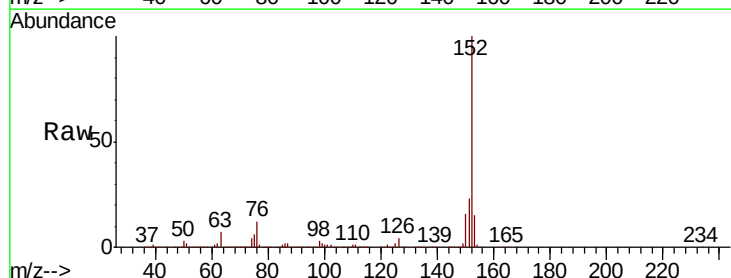


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

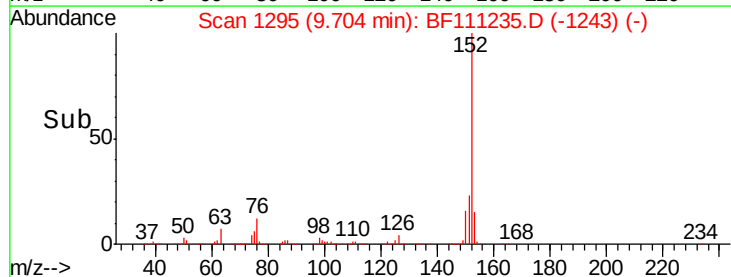
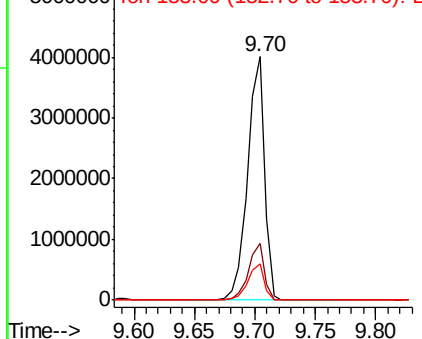


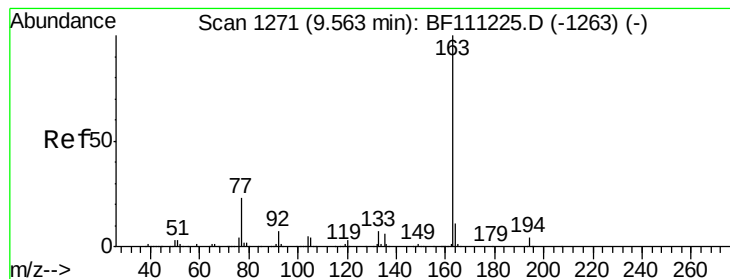
#49
Acenaphthylene
Concen: 39.635 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.3	18.0	27.0
153	14.9	12.3	18.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#50

Dimethylphthalate

Concen: 41.329 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF111235.D

Acq: 10 Dec 2018 11:56

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

Tot Ion:163 Resp: 3197664

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

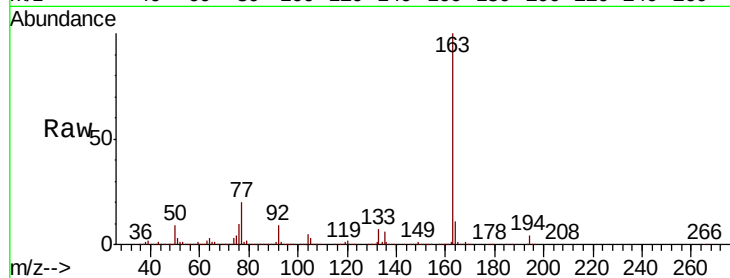
164 10.9 8.9 13.3

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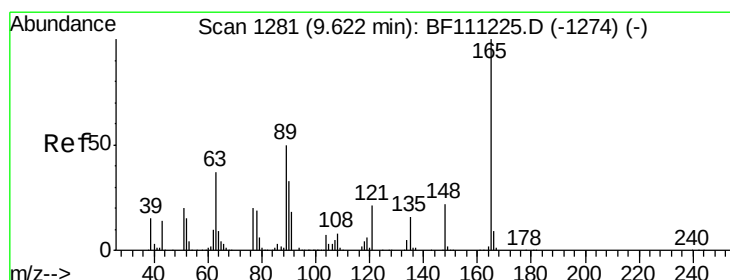
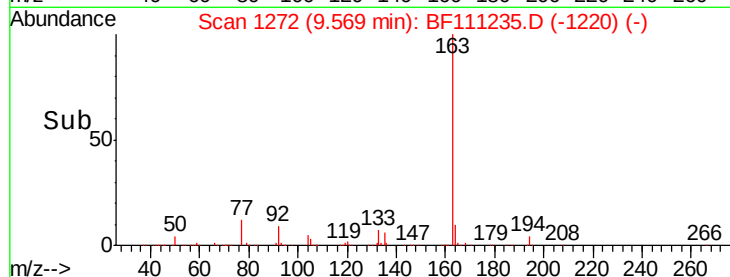
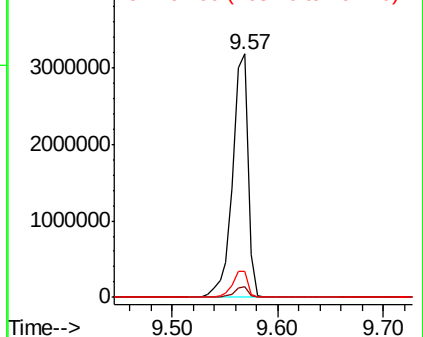
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 40.669 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF111235.D

Acq: 10 Dec 2018 11:56

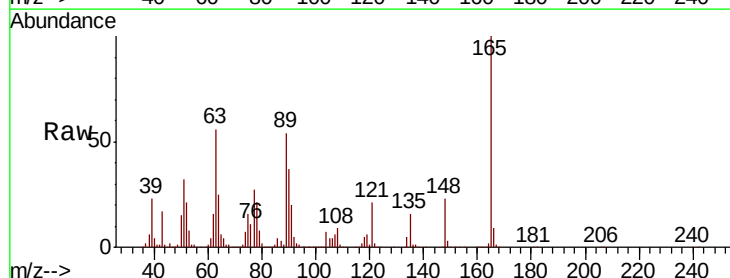
Tgt Ion:165 Resp: 694912

Ion Ratio Lower Upper

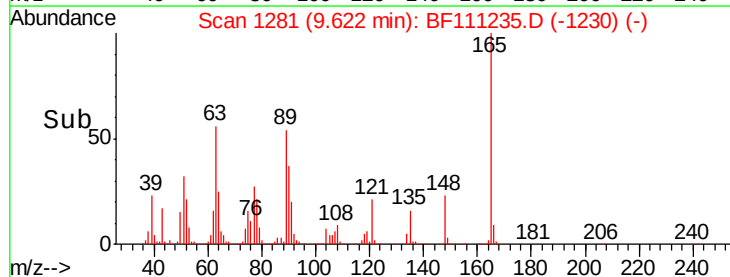
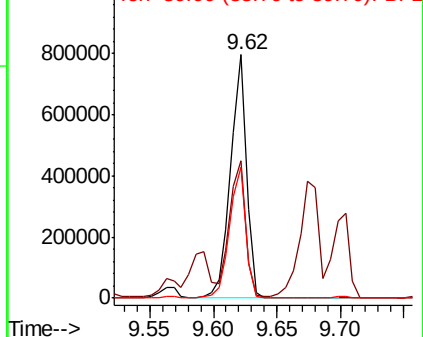
165 100

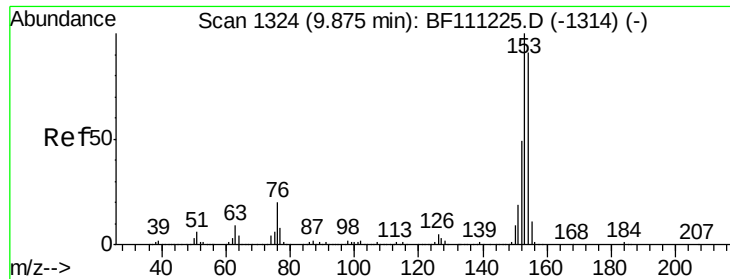
63 56.3 40.5 60.7

89 53.6 40.0 60.0



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





#52

Acenaphthene

Concen: 36.788 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF111235.D

Acq: 10 Dec 2018 11:56

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

Tot Ion:154 Resp: 2299530

Ion Ratio Lower Upper

154 100

153 111.1 87.8 131.8

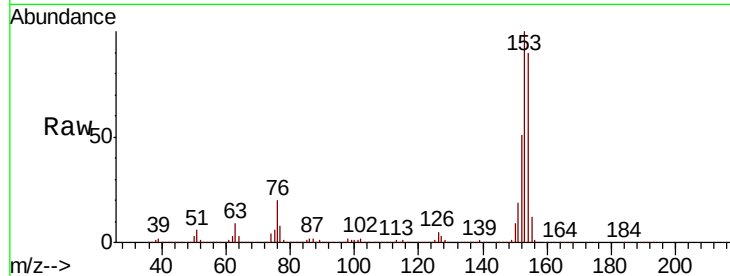
152 56.2 43.4 65.2

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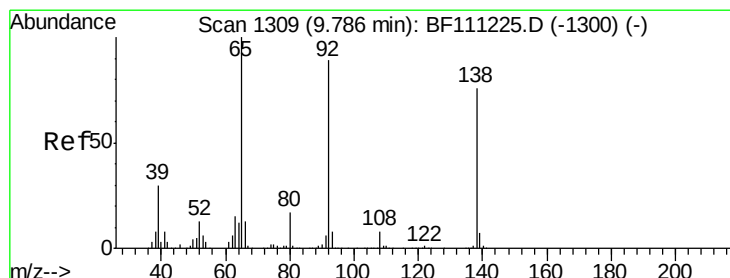
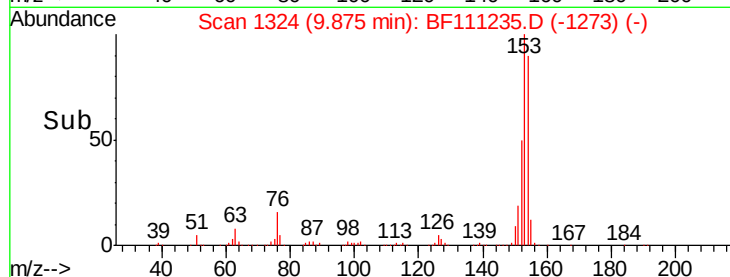
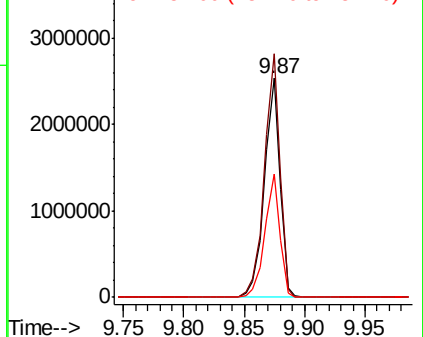
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 21.695 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF111235.D

Acq: 10 Dec 2018 11:56

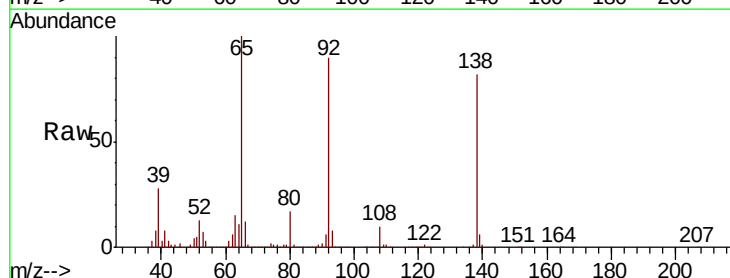
Tgt Ion:138 Resp: 457559

Ion Ratio Lower Upper

138 100

108 11.6 8.2 12.4

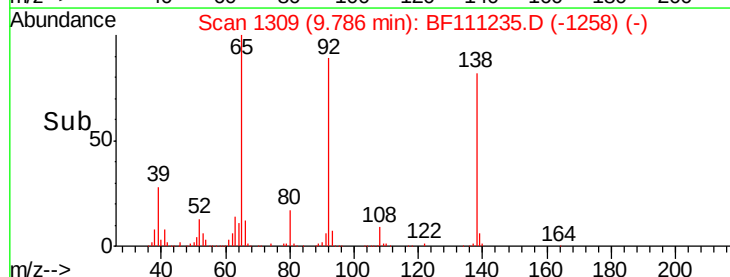
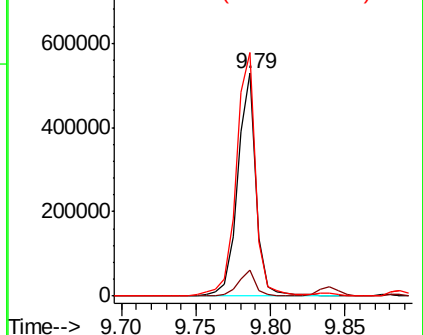
92 109.1 93.4 140.2

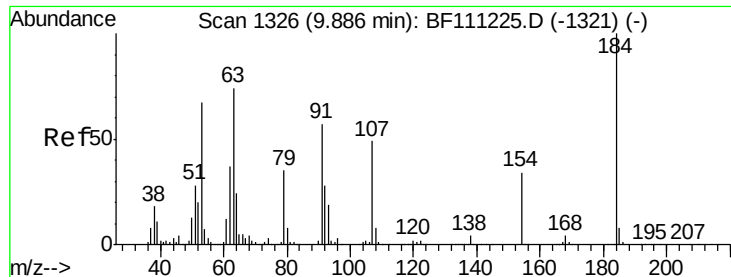


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





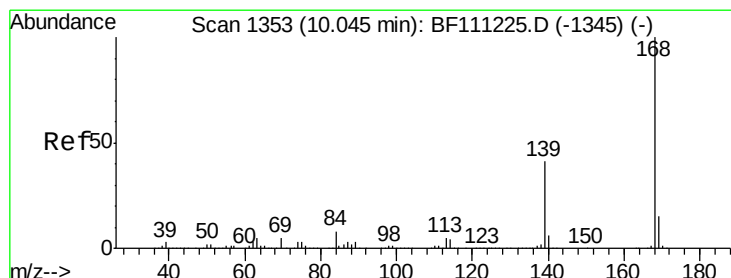
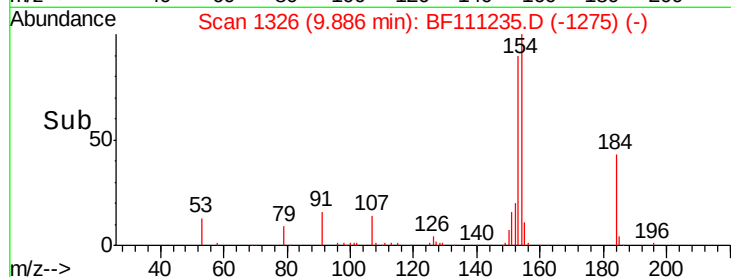
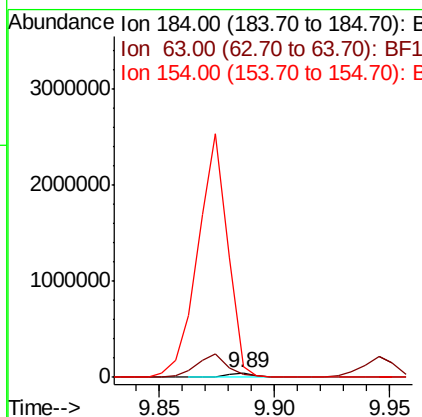
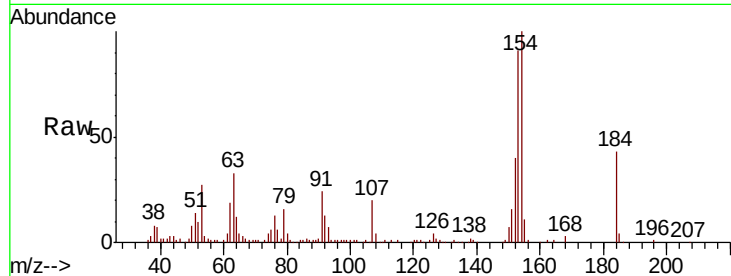
#54
2,4-Dinitrophenol
Concen: 5.607 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	77.3	62.3	93.5
154	232.9	56.2	84.2#

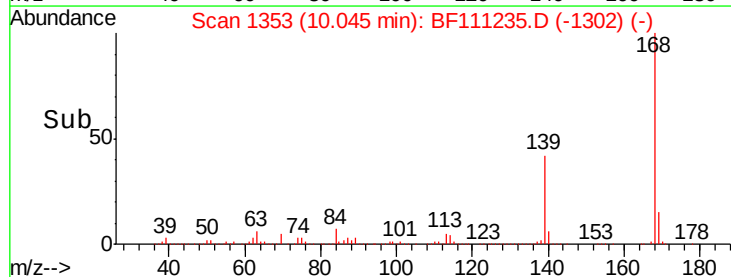
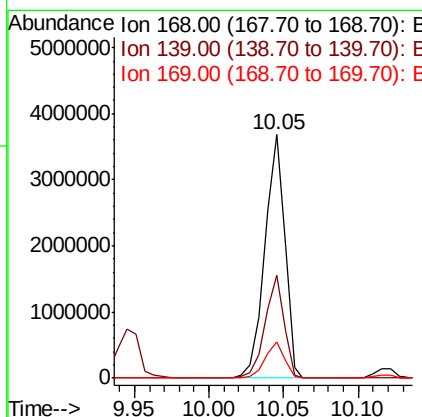
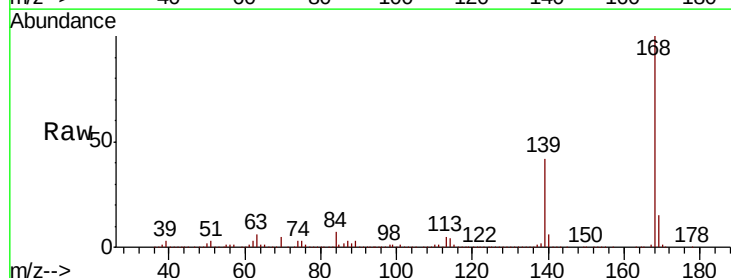
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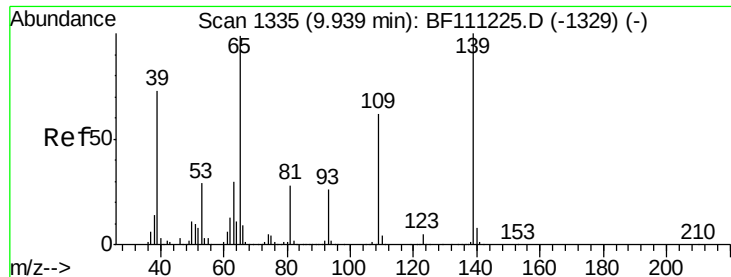
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#55
Dibenzofuran
Concen: 39.736 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.2	32.6	49.0
169	15.1	11.8	17.6





#56

4-Nitrophenol

Concen: 49.972 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF111235.D

Acq: 10 Dec 2018 11:56

Instrument :

BNA_F

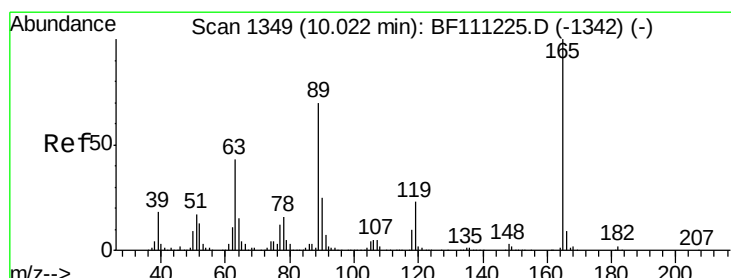
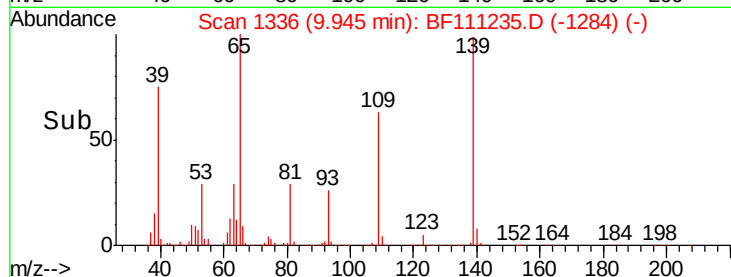
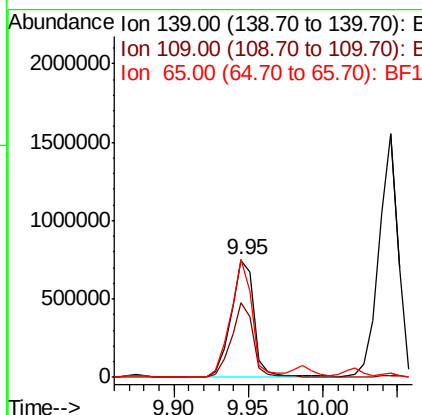
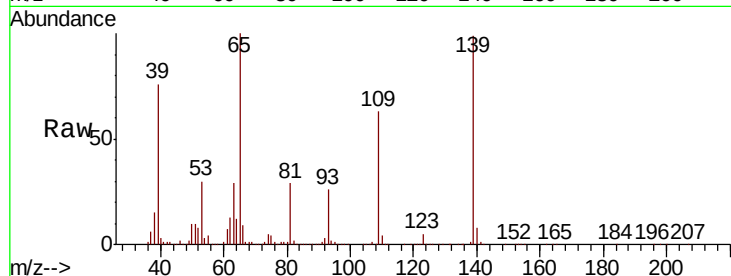
ClientSampled :

WC-2MSD

Tot Ion:	139	Resp:	820833
Ion Ratio	Lower	Upper	
139	100		
109	63.6	41.8	81.8
65	101.1	79.6	119.6

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#57

2,4-Dinitrotoluene

Concen: 45.044 ng

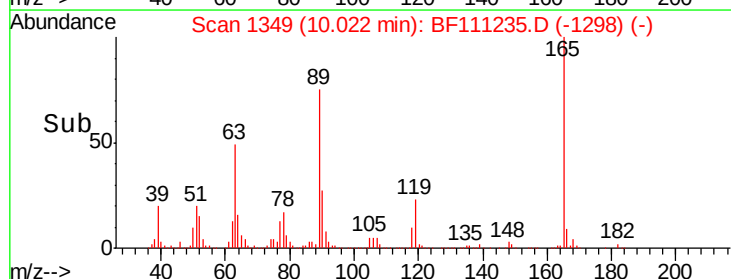
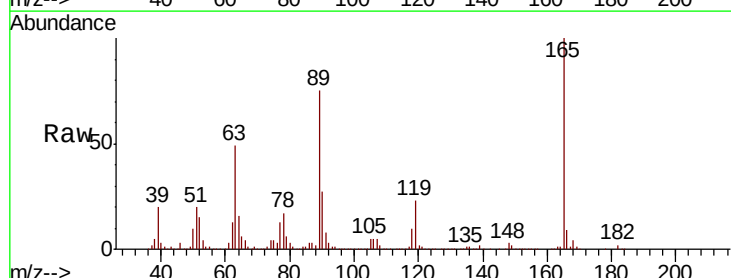
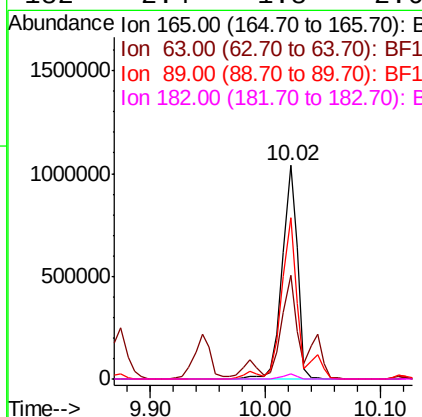
RT: 10.02 min Scan# 1349

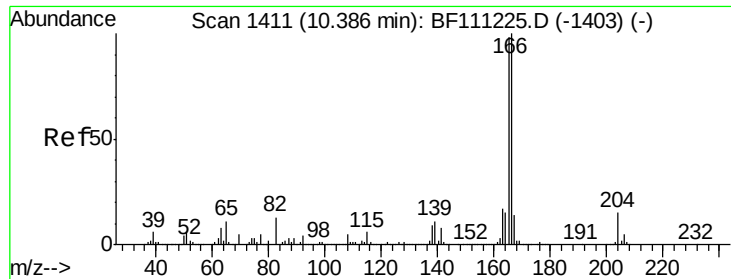
Delta R.T. -0.00 min

Lab File: BF111235.D

Acq: 10 Dec 2018 11:56

Tgt Ion:	165	Resp:	948818
Ion Ratio	Lower	Upper	
165	100		
63	48.7	34.6	52.0
89	75.2	56.2	84.4
182	2.4	1.8	2.6





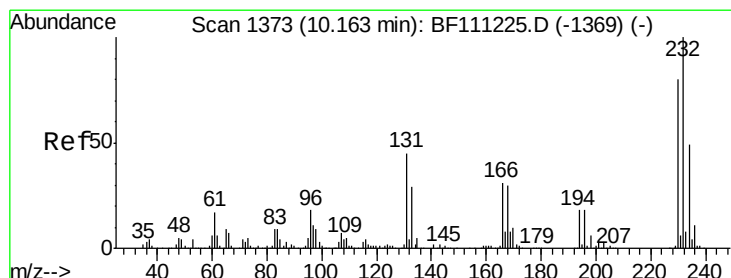
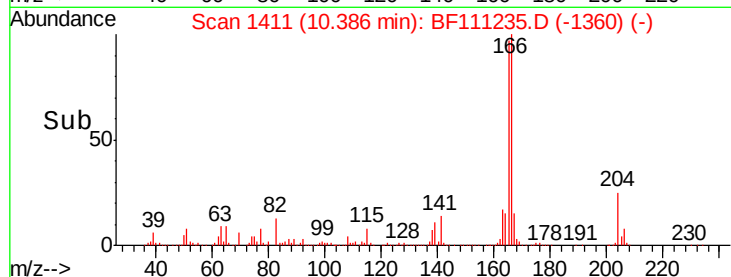
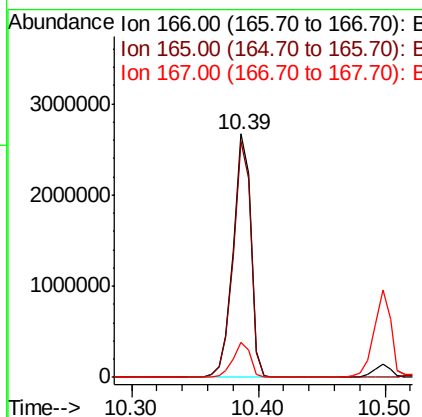
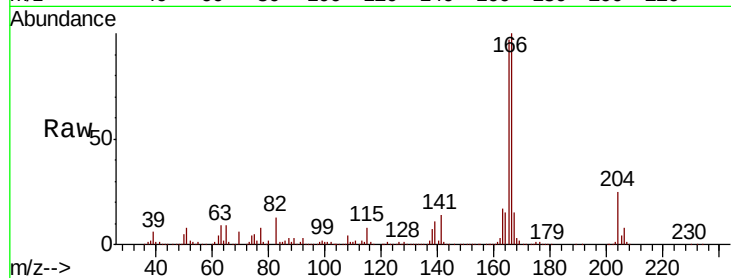
#58
 Fluorene
 Concen: 38.585 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: BF111235.D
 Acq: 10 Dec 2018 11:56

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MSD

Tot Ion:166 Resp: 2539132
 Ion Ratio Lower Upper
 166 100
 165 96.7 78.4 117.6
 167 14.6 11.2 16.8

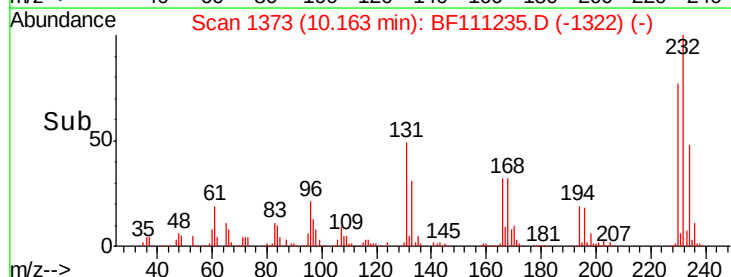
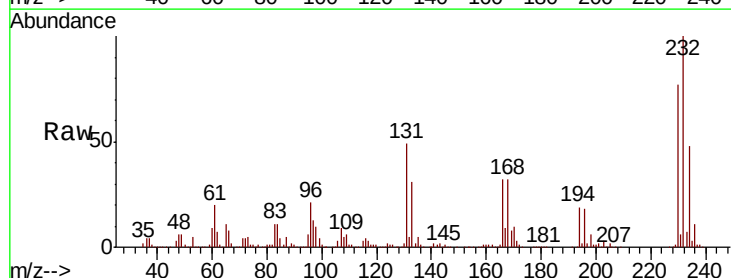
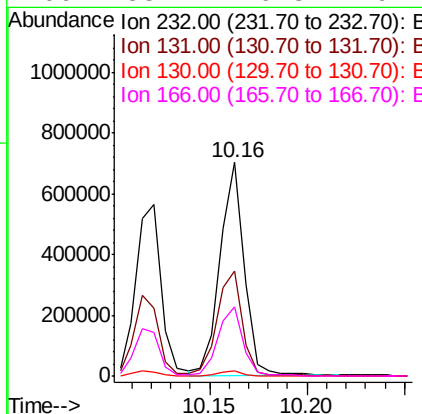
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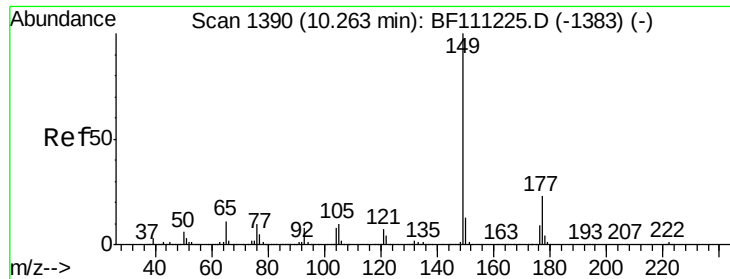
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#59
 2,3,4,6-Tetrachlorophenol
 Concen: 34.924 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF111235.D
 Acq: 10 Dec 2018 11:56

Tgt Ion:232 Resp: 603975
 Ion Ratio Lower Upper
 232 100
 131 51.5 40.9 61.3
 130 2.3 2.0 3.0
 166 33.2 26.8 40.2





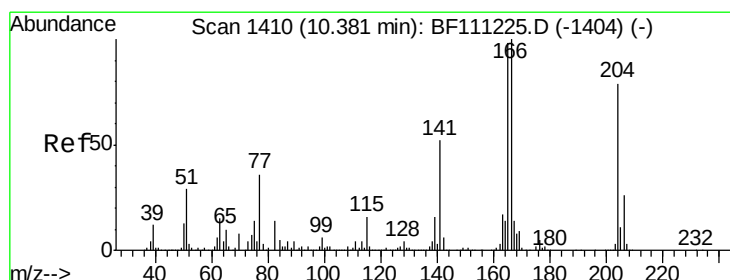
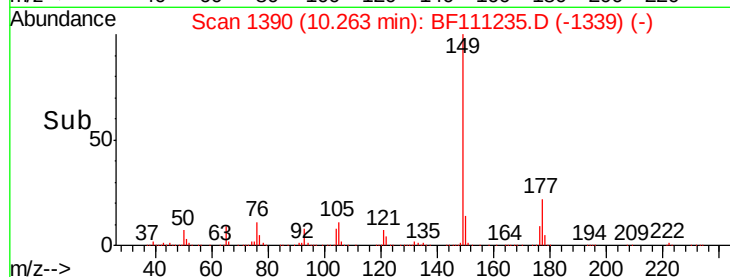
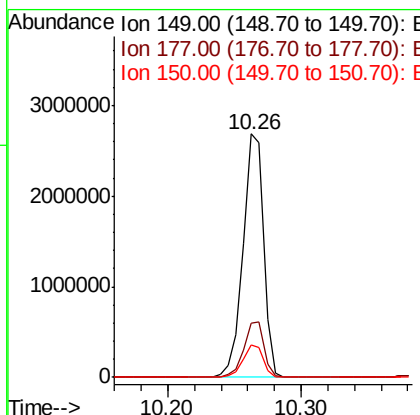
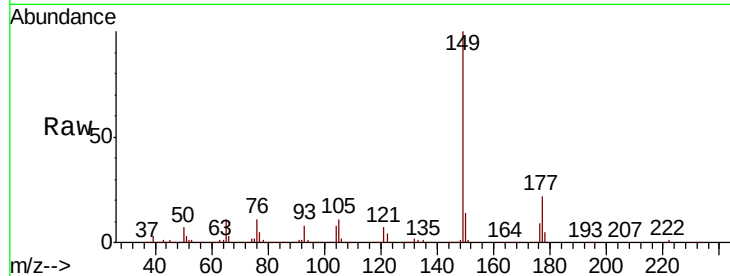
#60
Diethylphthalate
Concen: 38.644 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tot Ion:149 Resp: 2850516
Ion Ratio Lower Upper
149 100
177 22.5 18.3 27.5
150 13.6 10.6 15.8

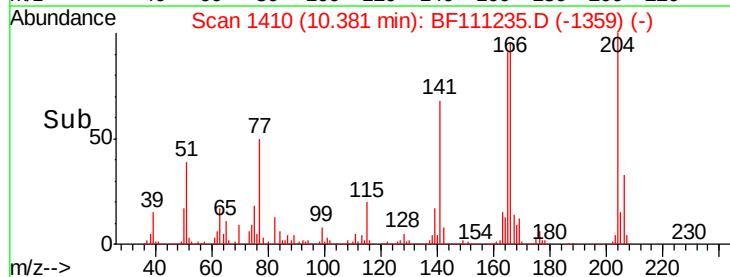
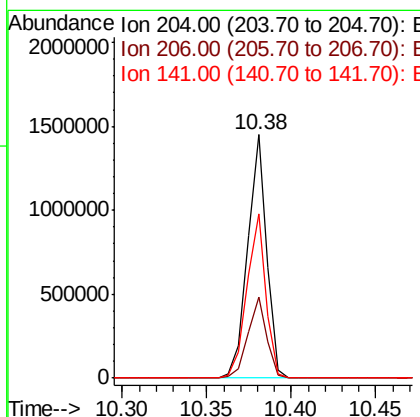
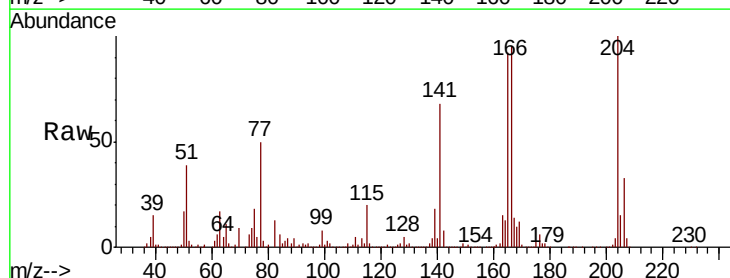
Manual Integrations
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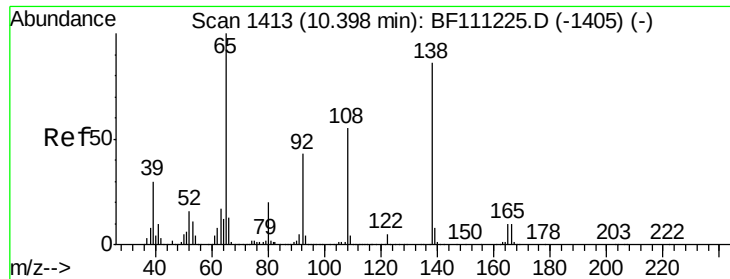
Sohil
12/11/2018 8:42:24 AM



#61
4-Chlorophenyl-phenylether
Concen: 35.000 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Tgt Ion:204 Resp: 1143556
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 67.6 52.6 78.8





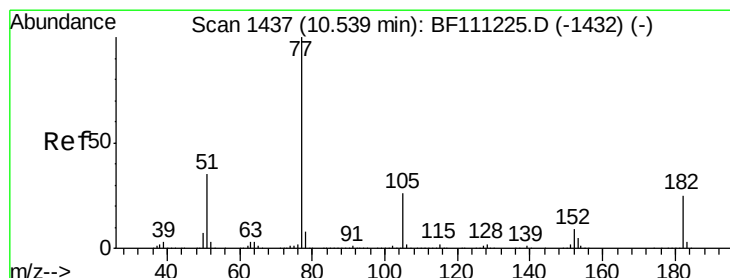
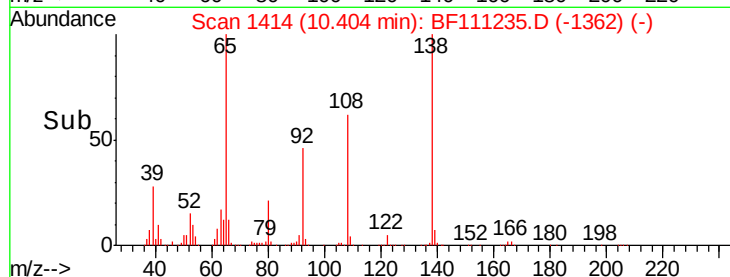
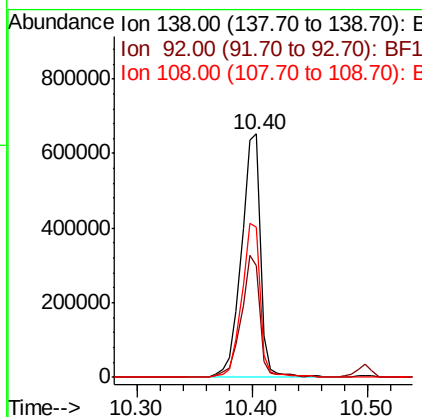
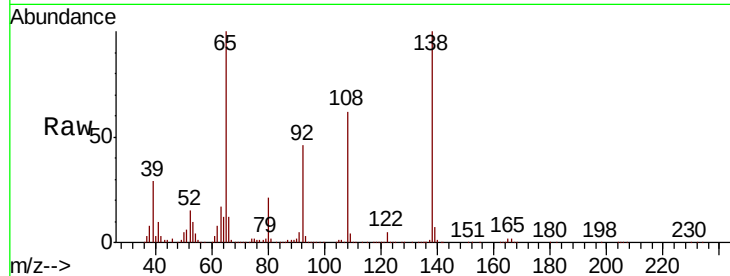
#62
4-Nitroaniline
Concen: 37.755 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Instrument :
BNA_F
ClientSampled :
WC-2MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.2	29.9	69.9
108	61.7	43.2	83.2

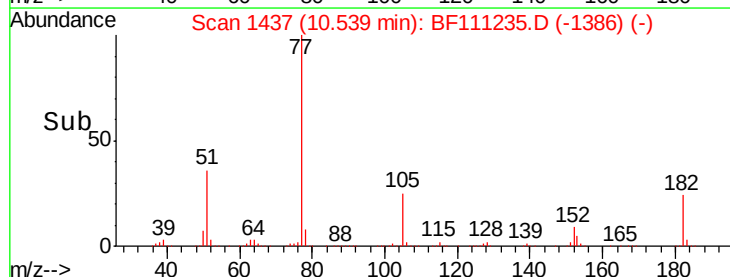
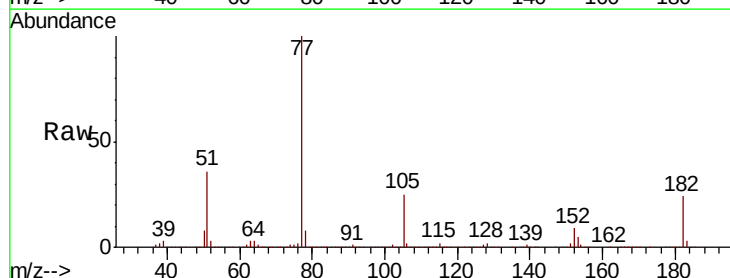
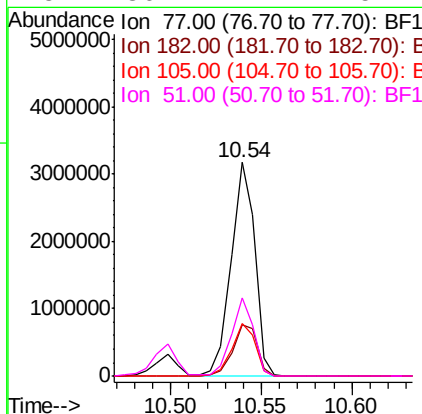
Manual Integrations
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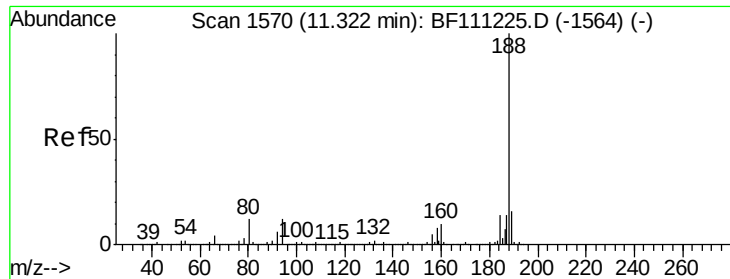
Sohil
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#63
Azobenzene
Concen: 37.776 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.7	4.9	44.9
105	24.7	6.0	46.0
51	36.4	14.7	54.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF111235.D

Acq: 10 Dec 2018 11:56

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

Tot Ion:188 Resp: 1770849

Ion Ratio Lower Upper

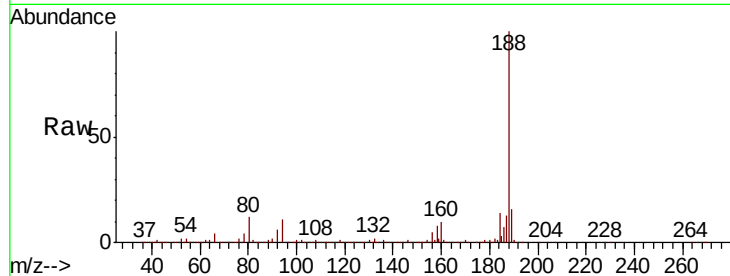
188 100

94 11.3 9.6 14.4

80 11.8 9.8 14.6

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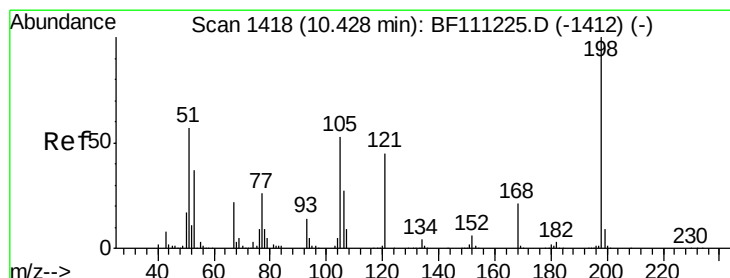
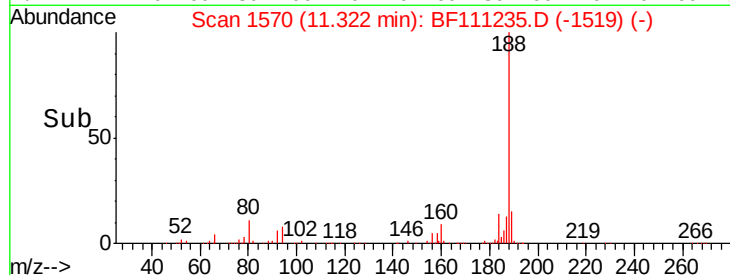
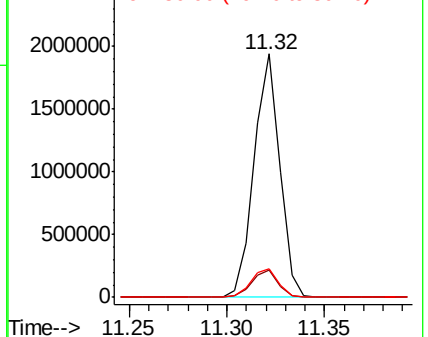
Sohil
12/11/2018 8:42:24 AM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 15.664 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF111235.D

Acq: 10 Dec 2018 11:56

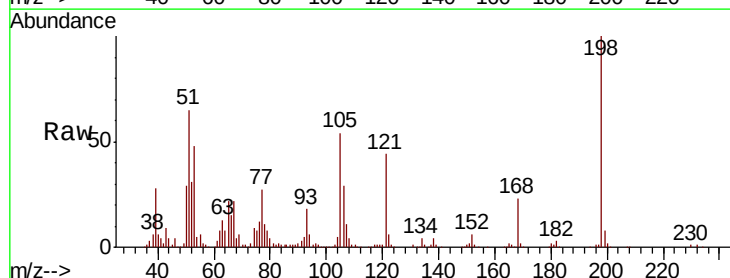
Tgt Ion:198 Resp: 157090

Ion Ratio Lower Upper

198 100

51 64.7 48.0 88.0

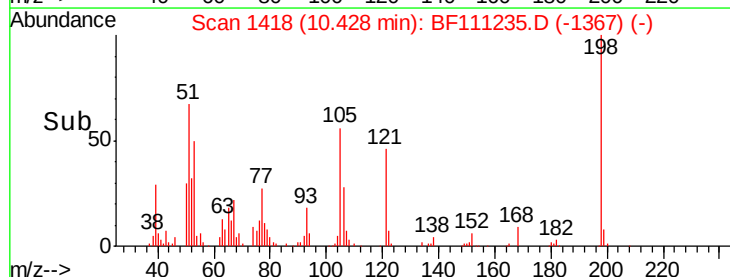
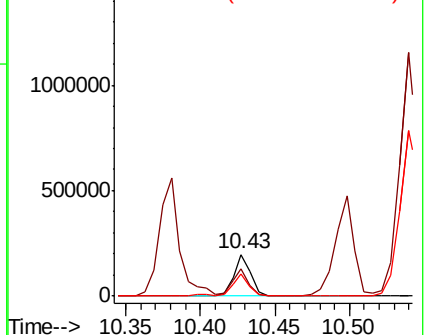
105 54.0 34.0 74.0

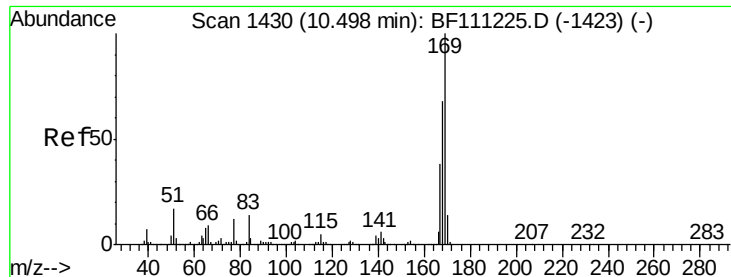


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





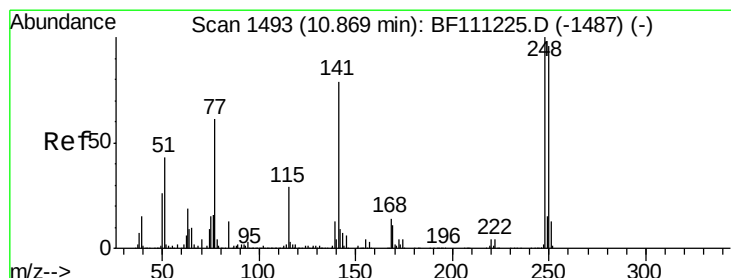
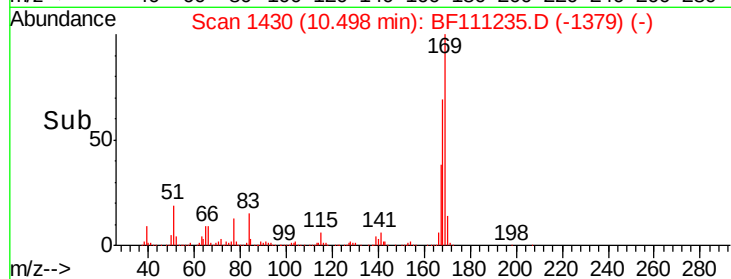
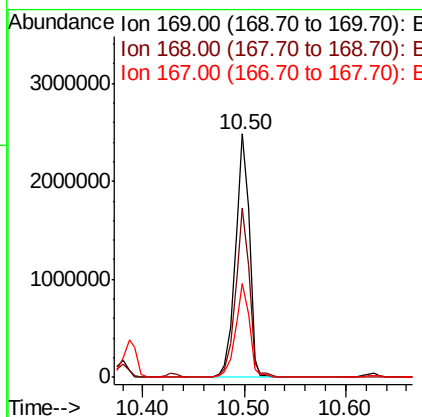
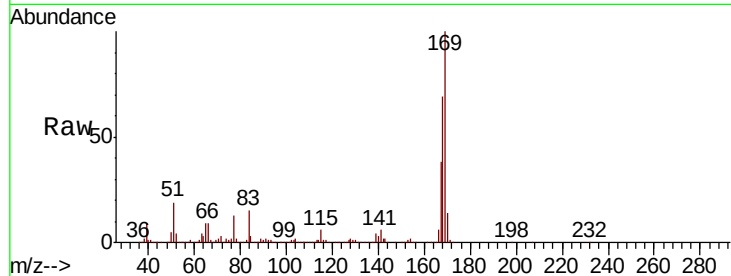
#66
n-Nitrosodiphenylamine
Concen: 39.159 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.4	54.4	81.6
167	38.4	30.5	45.7

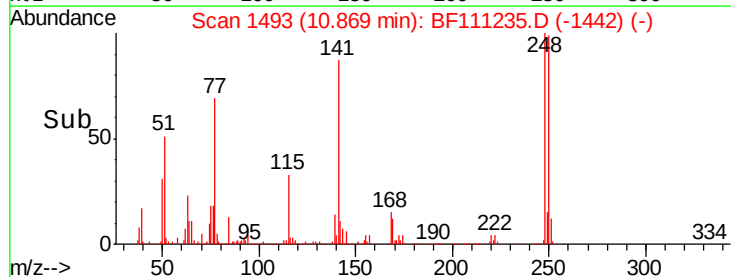
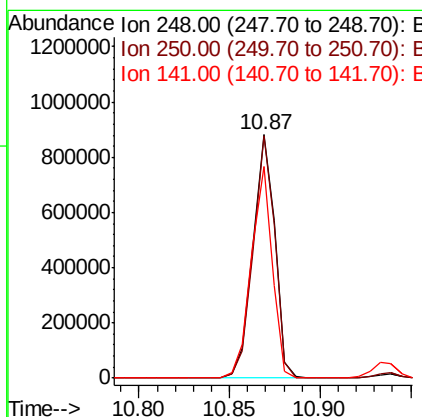
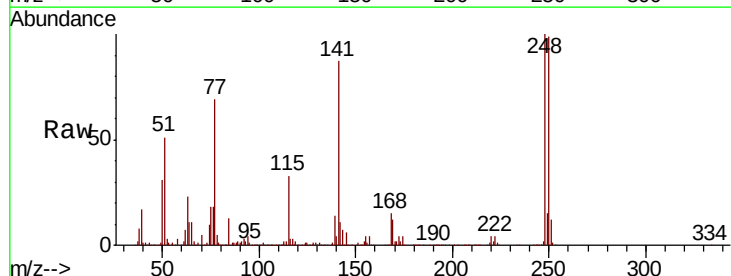
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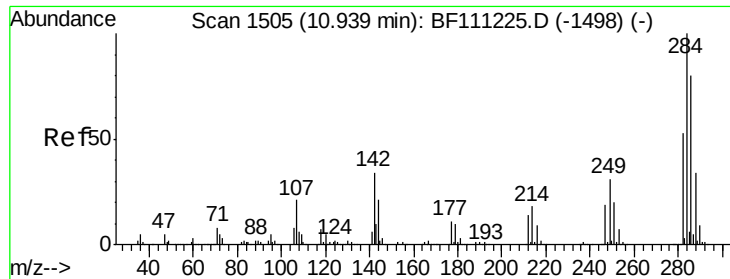
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#67
4-Bromophenyl-phenylether
Concen: 38.457 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.5	77.0	115.4
141	86.7	63.0	94.6





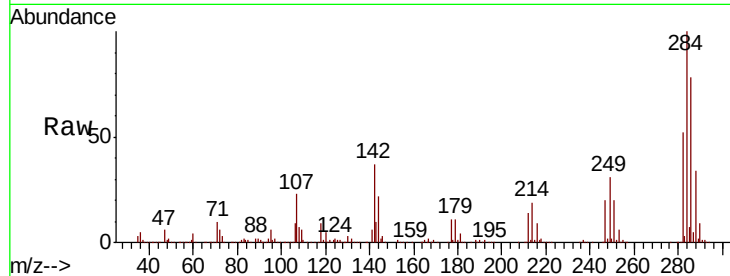
#68
Hexachlorobenzene
Concen: 38.192 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Instrument :
BNA_F
ClientSampled :
WC-2MSD

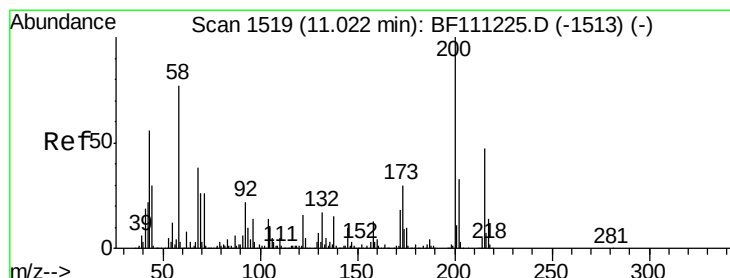
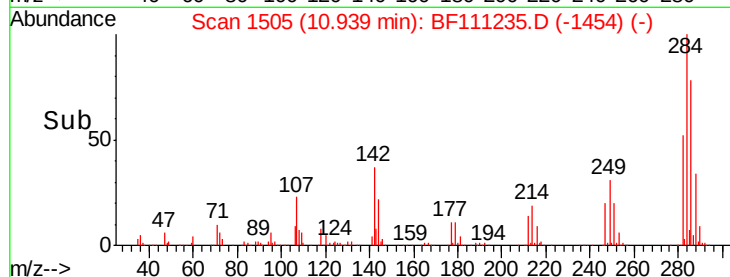
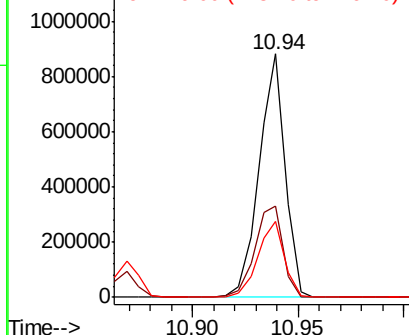
Tot Ion	Ratio	Resp	Lower	Upper
284	100	753547		
142	37.5		27.4	41.2
249	31.0		24.4	36.6

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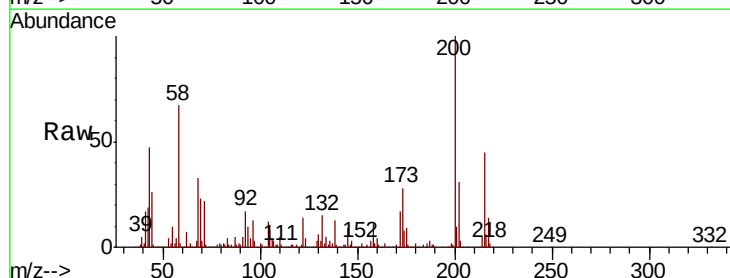


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

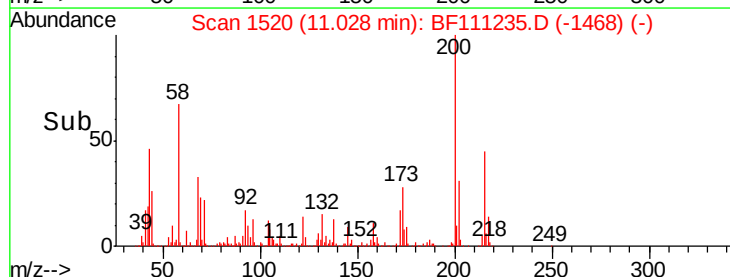
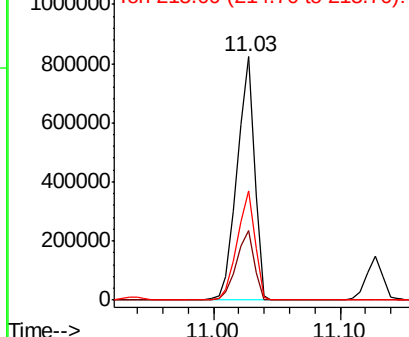


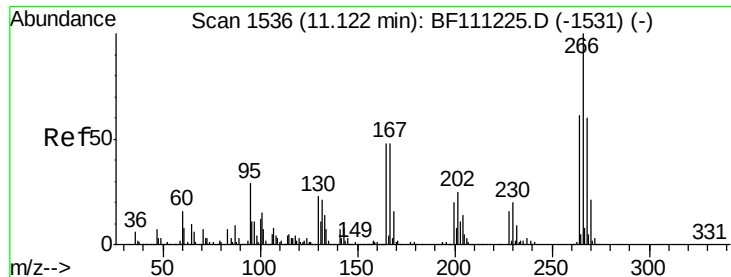
#69
Atrazine
Concen: 42.235 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	774198		
173	28.4		10.1	50.1
215	44.9		26.9	66.9



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





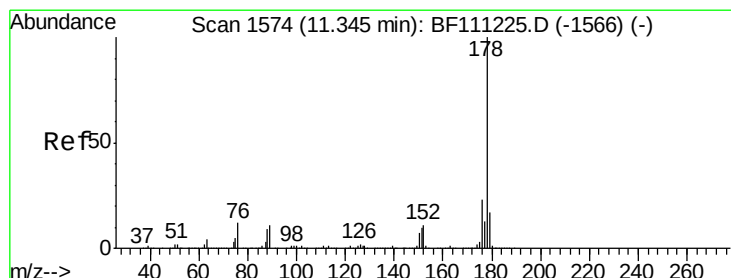
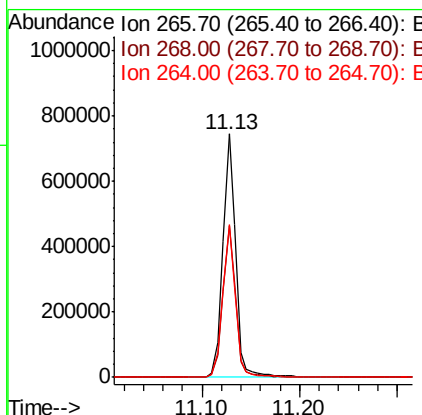
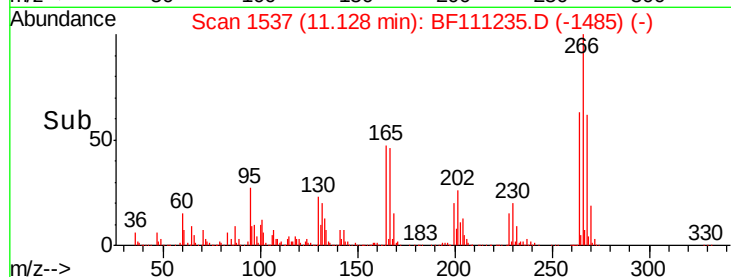
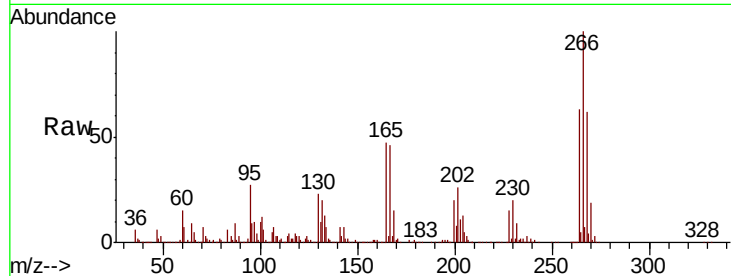
#70
 Pentachlorophenol
 Concen: 47.694 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: BF111235.D
 Acq: 10 Dec 2018 11:56

Instrument :
 BNA_F
 ClientSampled :
 WC-2MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.1	47.9	71.9
264	63.0	49.1	73.7

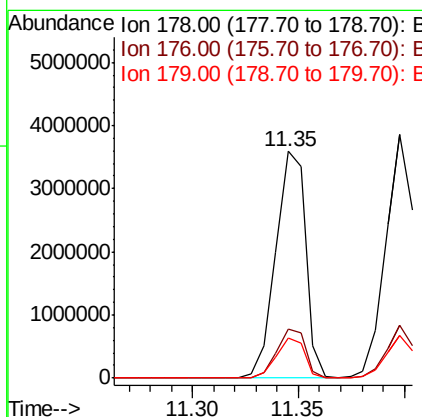
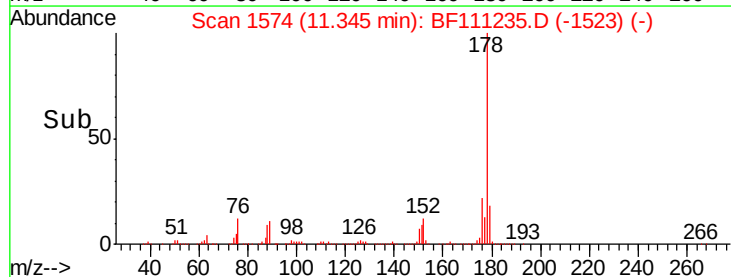
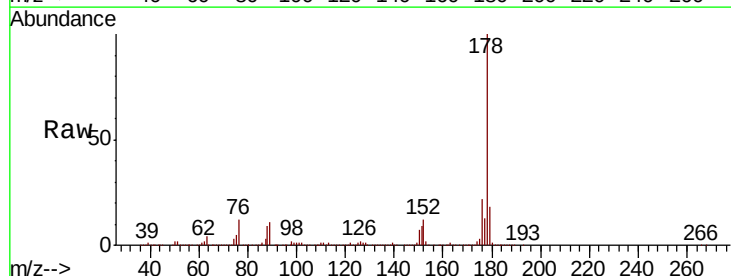
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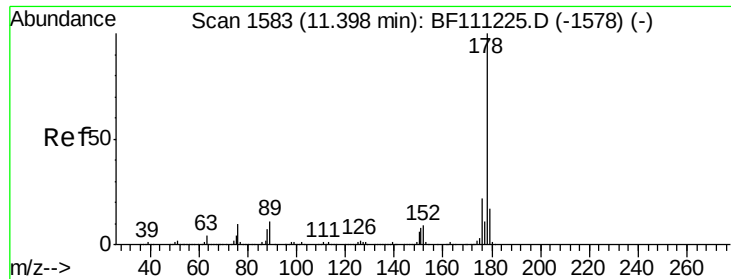
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#71
 Phenanthrene
 Concen: 39.837 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: BF111235.D
 Acq: 10 Dec 2018 11:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.8	18.1	27.1
179	17.7	14.0	21.0





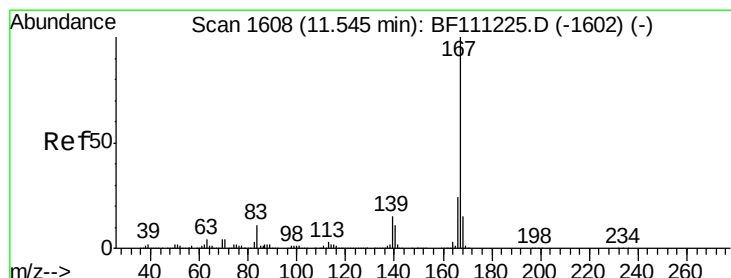
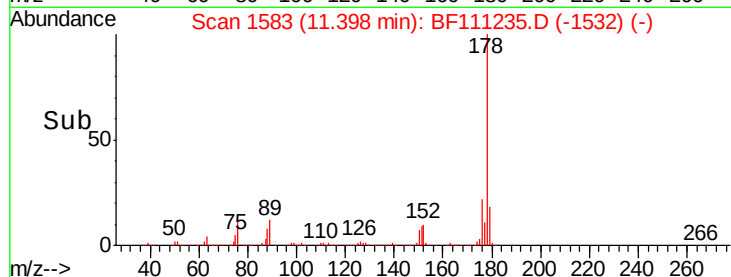
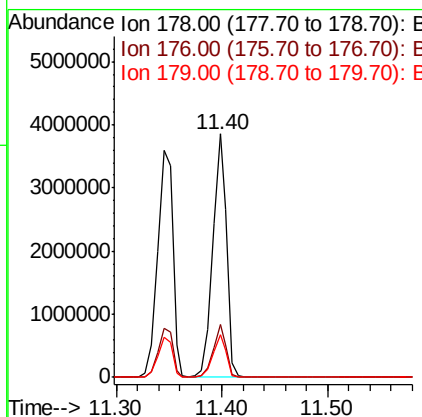
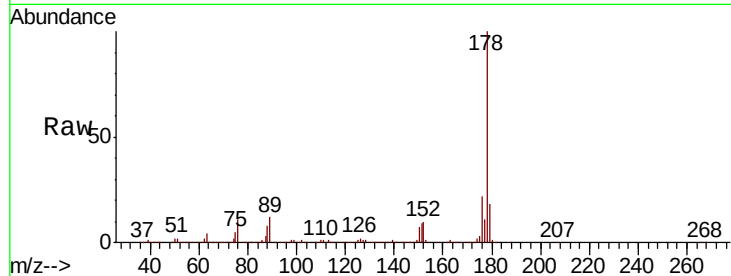
#72
 Anthracene
 Concen: 38.423 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF111235.D
 Acq: 10 Dec 2018 11:56

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MSD

Tot Ion:178 Resp: 3590482
 Ion Ratio Lower Upper
 178 100
 176 21.6 17.2 25.8
 179 17.8 13.8 20.8

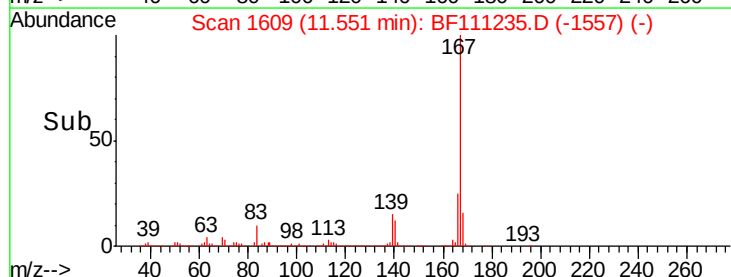
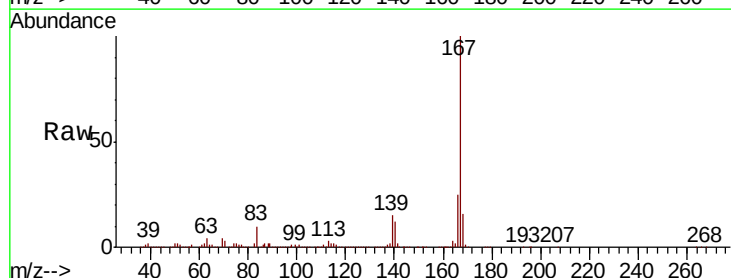
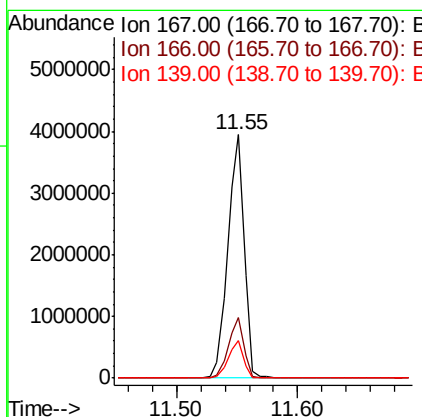
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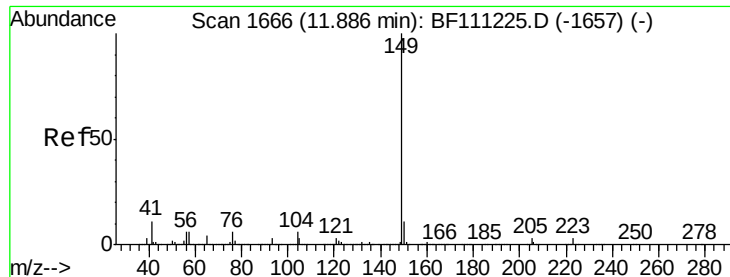
Sohil
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#73
 Carbazole
 Concen: 38.075 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111235.D
 Acq: 10 Dec 2018 11:56

Tgt Ion:167 Resp: 3720377
 Ion Ratio Lower Upper
 167 100
 166 24.7 19.3 28.9
 139 15.2 11.9 17.9





#74

Di-n-butylphthalate

Concen: 41.494 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.01 min

Lab File: BF111235.D

Acq: 10 Dec 2018 11:56

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

Tot Ion:149 Resp: 4167345

Ion Ratio Lower Upper

149 100

150 10.6 8.8 13.2

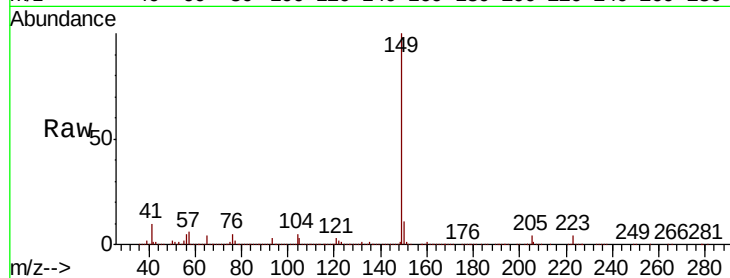
104 5.4 4.5 6.7

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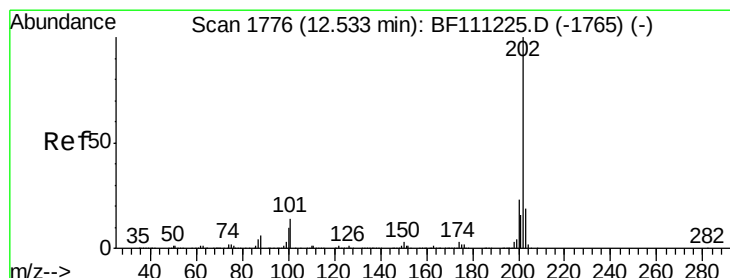
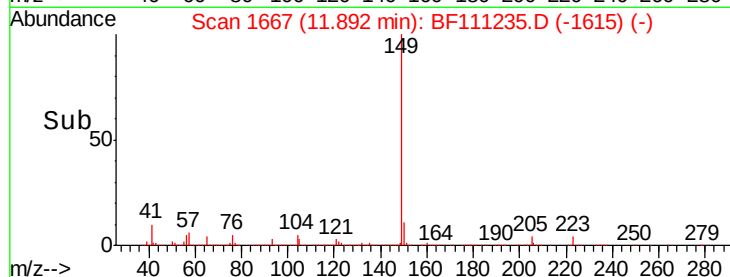
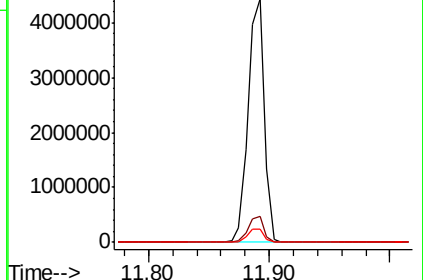
12/11/2018 8:42:24 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 42.847 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF111235.D

Acq: 10 Dec 2018 11:56

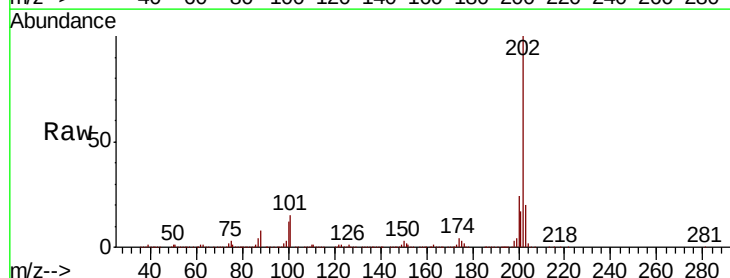
Tgt Ion:202 Resp: 3495984

Ion Ratio Lower Upper

202 100

101 15.4 0.0 33.8

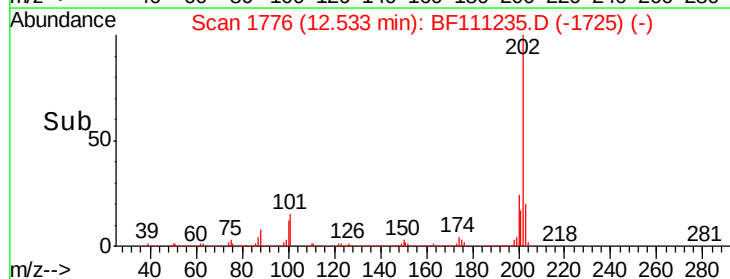
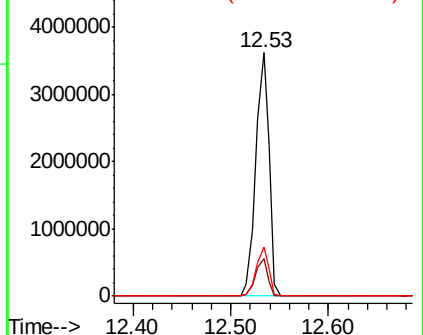
203 20.0 0.0 38.6

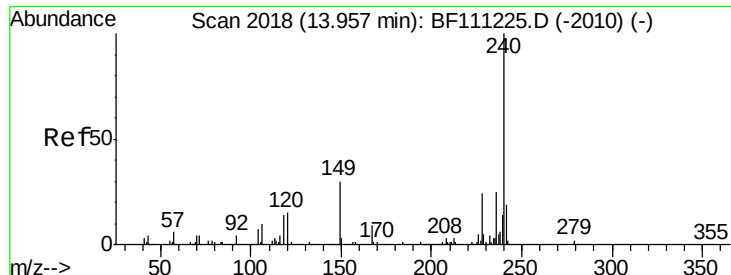


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





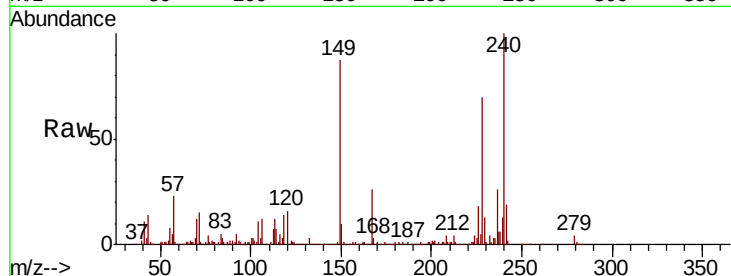
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.0	12.2	18.2
236	26.0	20.2	30.2

Manual Integrations
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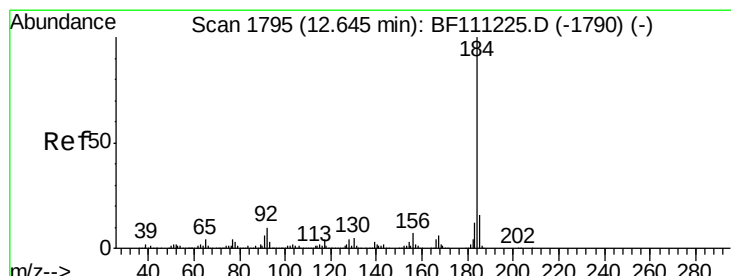
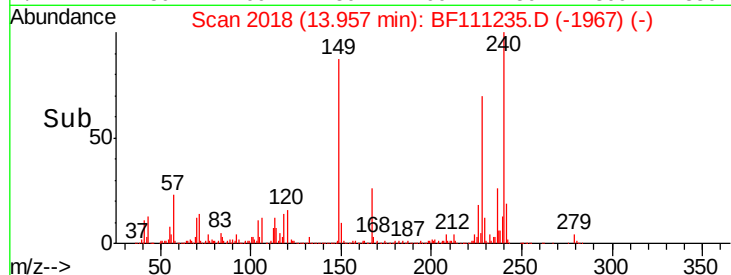
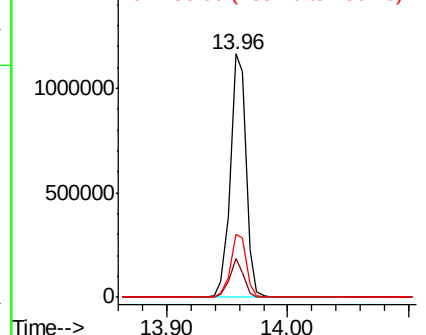


Abundance

Ion 240.00 (239.70 to 240.70): E

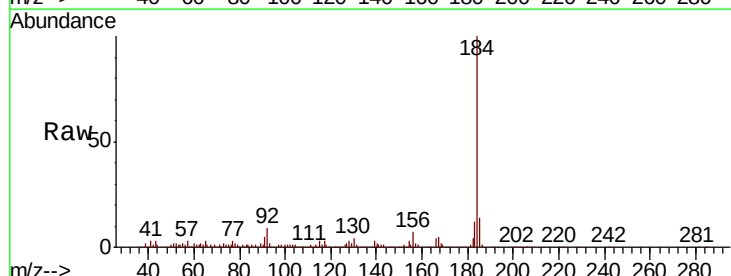
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77
Benzidine
Concen: 18.520 ng
RT: 12.65 min Scan# 1796
Delta R.T. 0.01 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	13.0	19.6
183	11.5	9.3	13.9

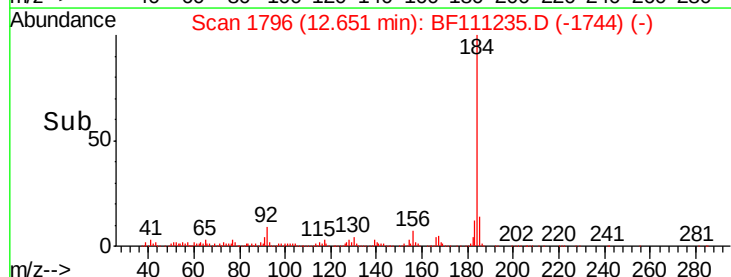
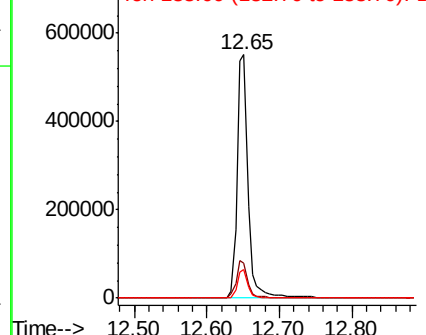


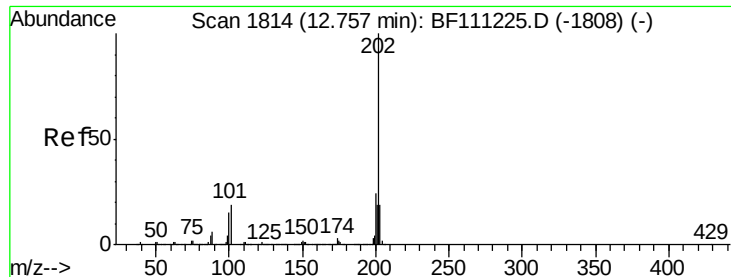
Abundance

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





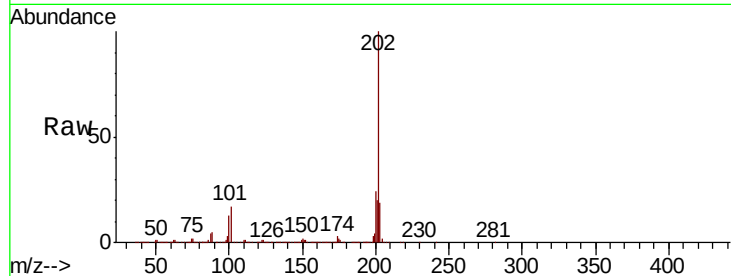
#78
Pvrene
Concen: 47.332 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.01 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	24.1	19.0	28.4
203	19.5	15.2	22.8

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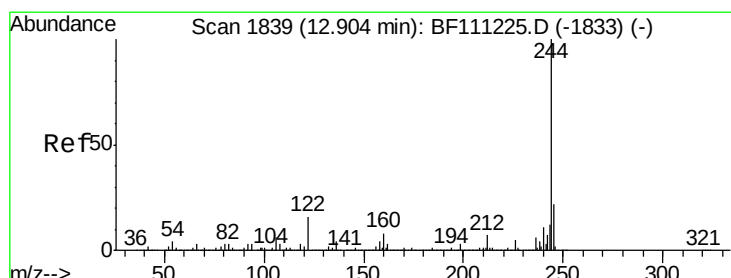
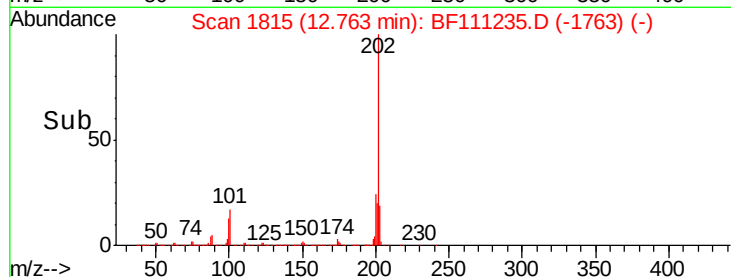
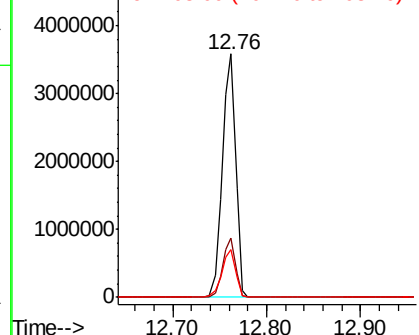


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 88.695 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

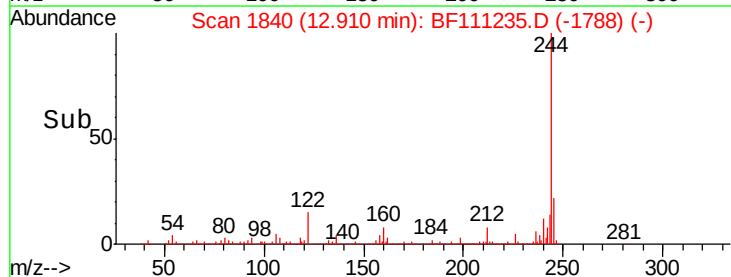
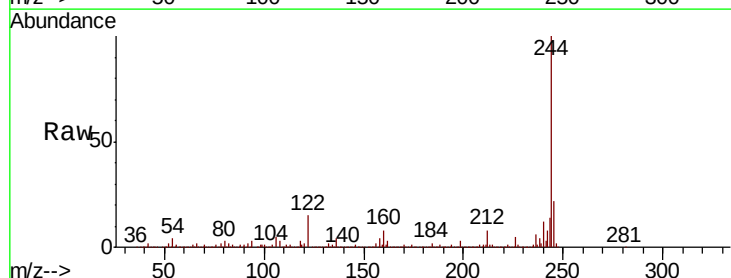
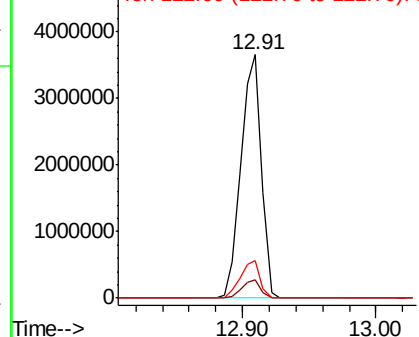
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.7	8.5
122	15.4	13.1	19.7

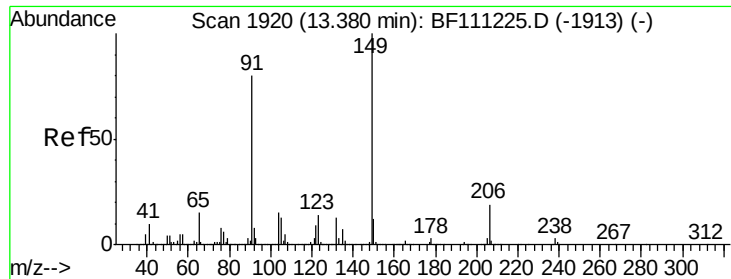
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





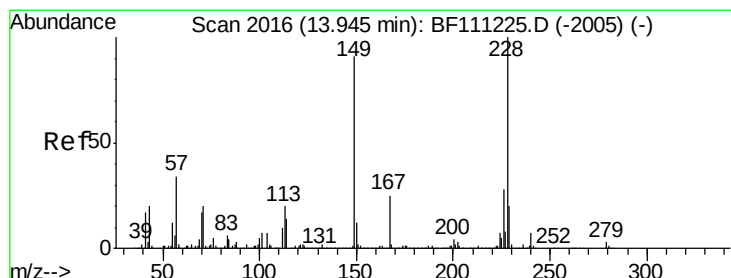
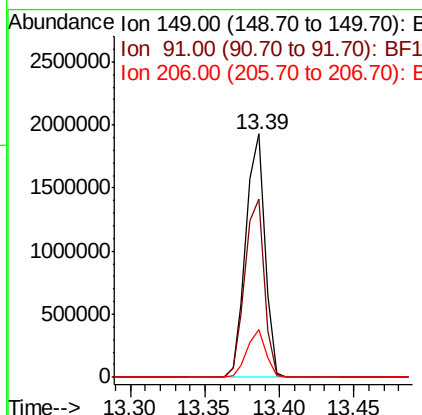
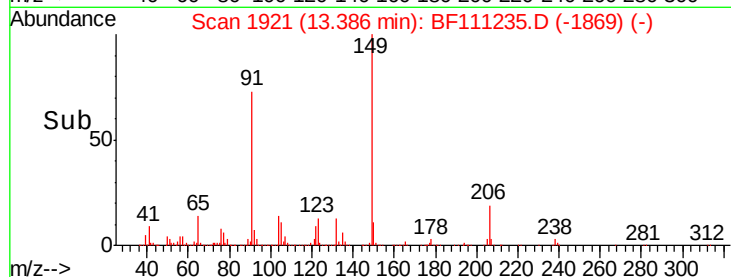
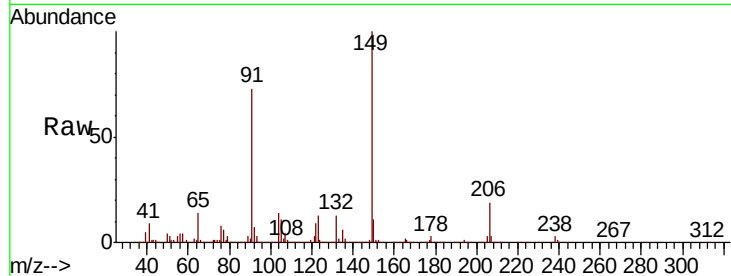
#80
Butylbenzylphthalate
Concen: 43.544 ng
RT: 13.39 min Scan# 1921
Delta R.T. 0.01 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Instrument :
BNA_F
ClientSampled :
WC-2MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.3	63.8	95.6
206	19.4	15.1	22.7

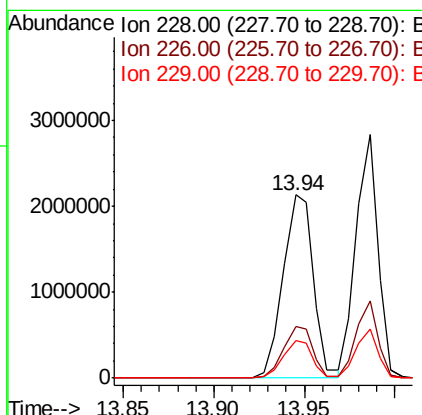
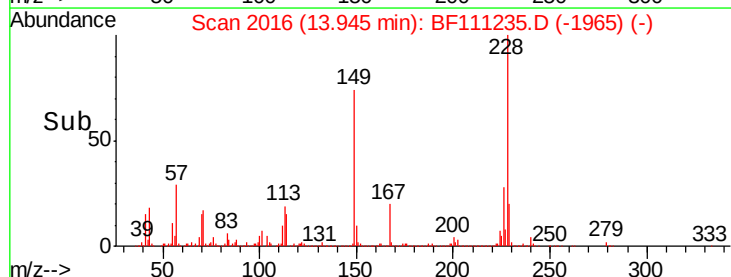
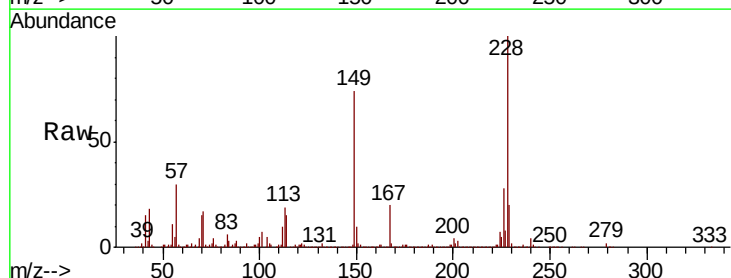
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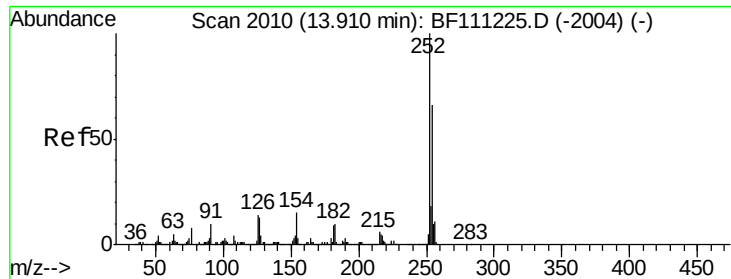
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#81
Benzo(a)anthracene
Concen: 42.303 ng
RT: 13.94 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	34.0
229	20.3	16.3	24.5





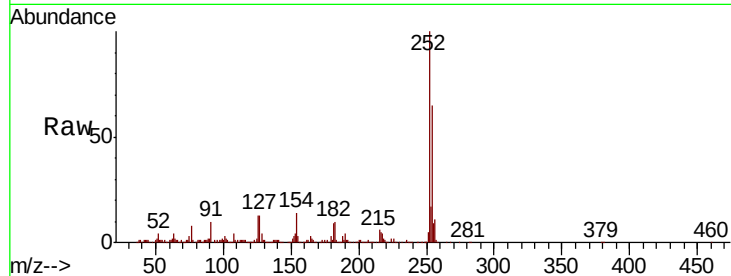
#82
3,3'-Dichlorobenzidine
Concen: 19.638 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.7	79.1
126	13.2	11.1	16.7

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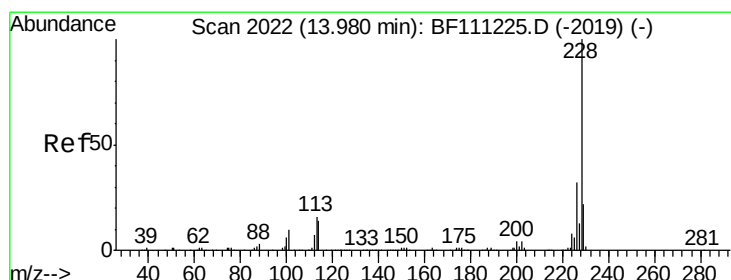
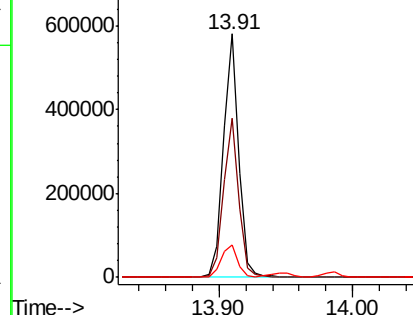
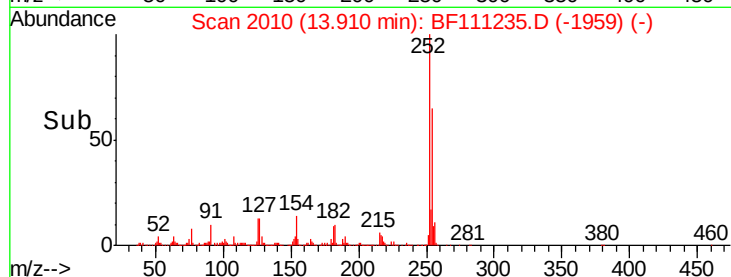


Abundance

Ion 252.00 (251.70 to 252.70): E

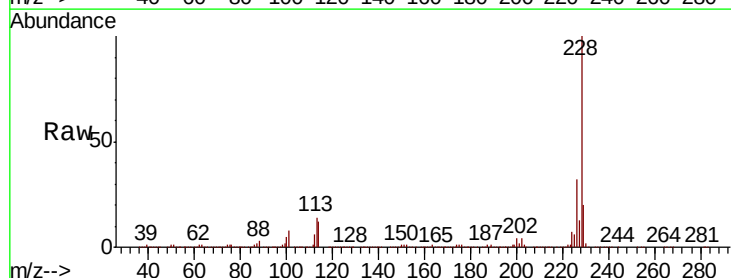
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83
Chrysene
Concen: 39.710 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.3	37.9
229	20.3	17.2	25.8

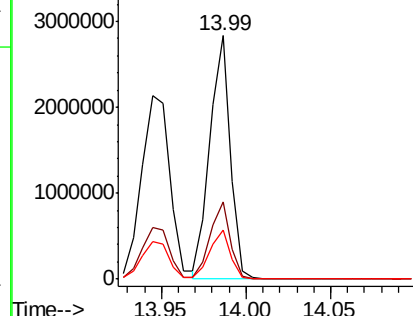
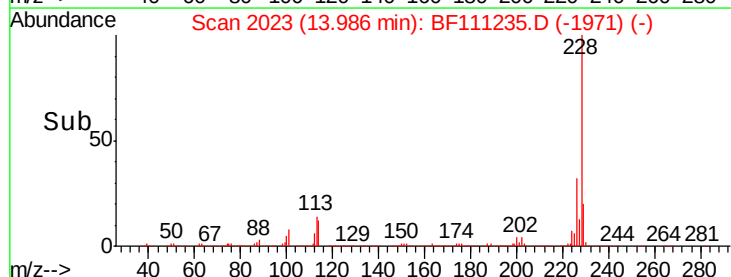


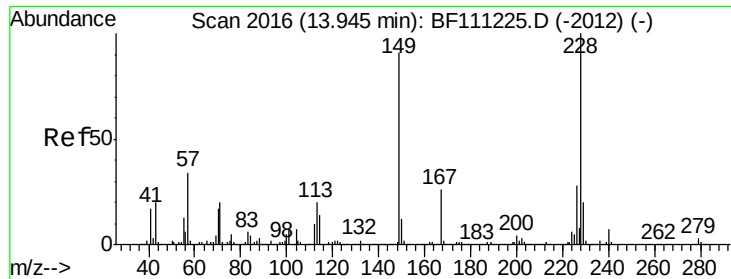
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 40.824 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111235.D

Acq: 10 Dec 2018 11:56

Instrument :

BNA_F

ClientSampled :

WC-2MSD

Tot Ion:149 Resp: 1909509

Ion Ratio Lower Upper

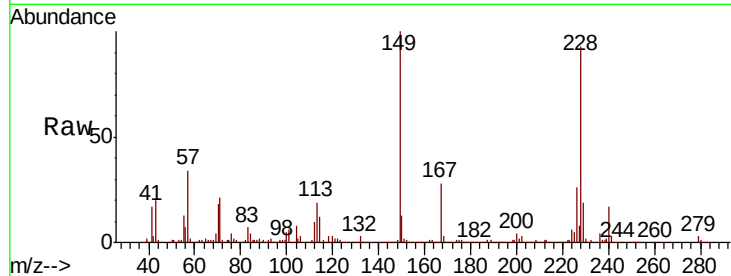
149 100

167 27.6 22.5 33.7

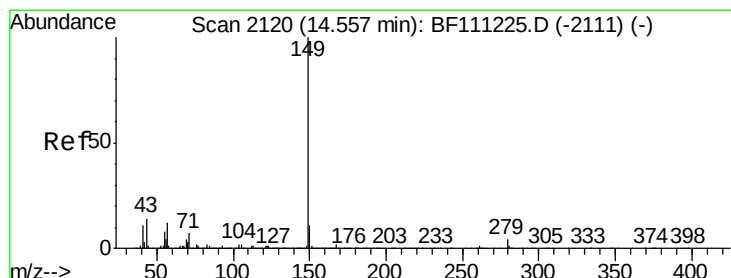
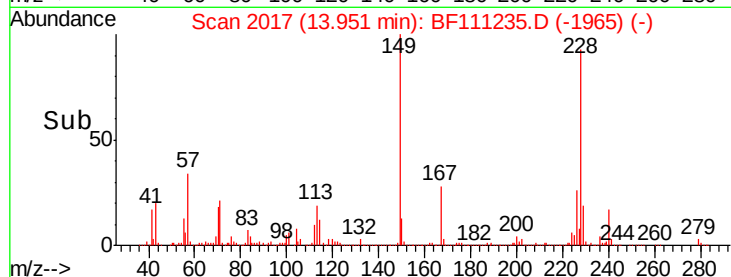
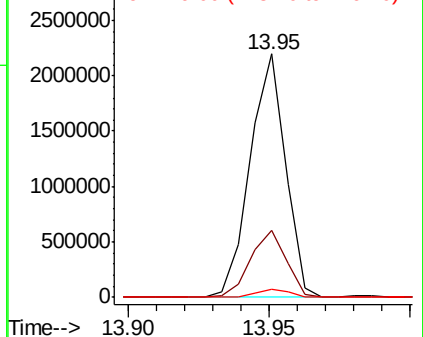
279 3.4 2.6 4.0

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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: 38.581 ng

RT: 14.56 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BF111235.D

Acq: 10 Dec 2018 11:56

Tgt Ion:149 Resp: 3024723

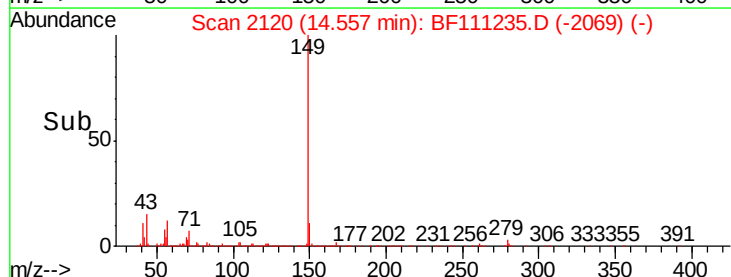
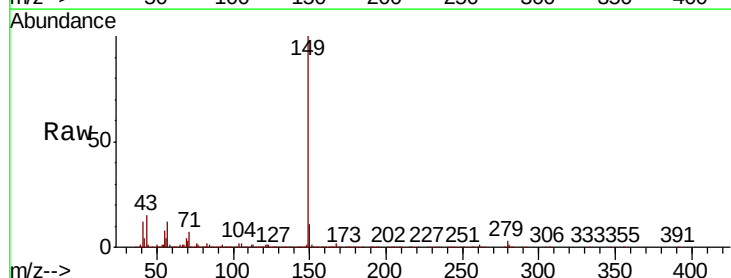
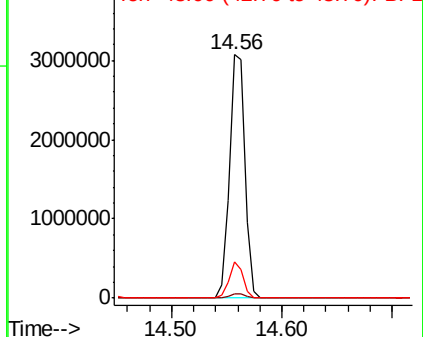
Ion Ratio Lower Upper

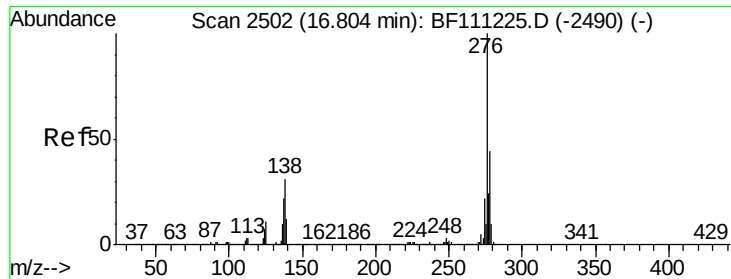
149 100

167 1.6 1.3 1.9

43 13.4 10.9 16.3

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





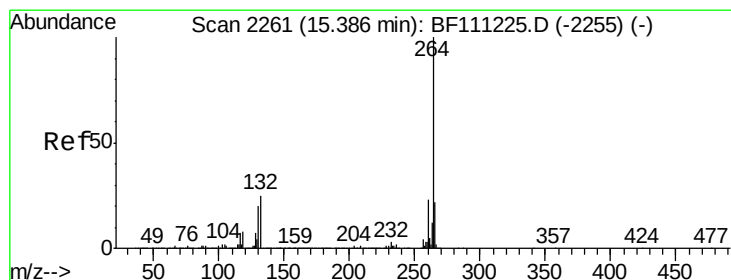
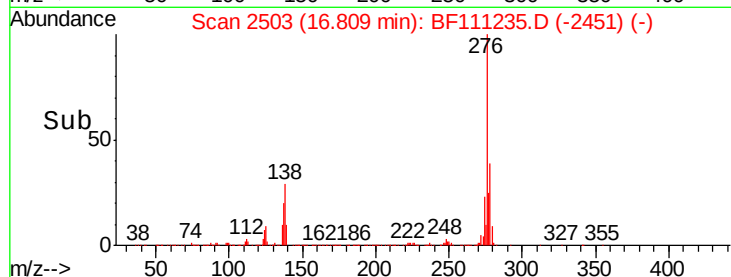
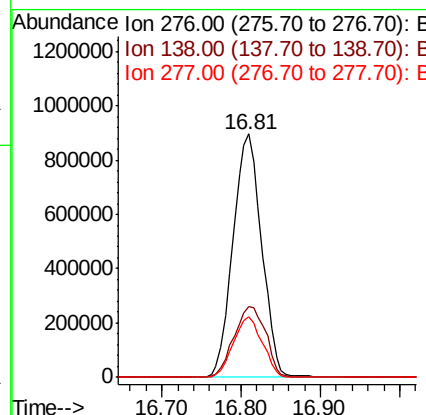
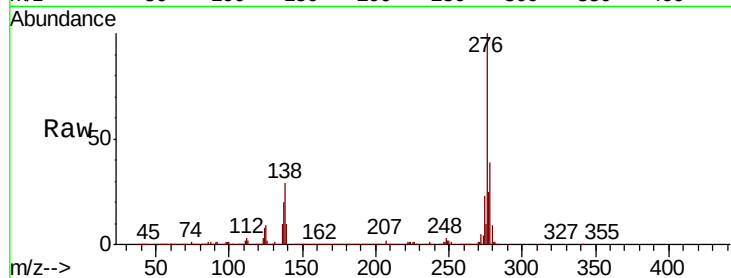
#86
Indeno(1,2,3-cd)pyrene
Concen: 45.824 ng
RT: 16.81 min Scan# 2503
Delta R.T. 0.01 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.3	27.8	41.6
277	25.2	20.1	30.1

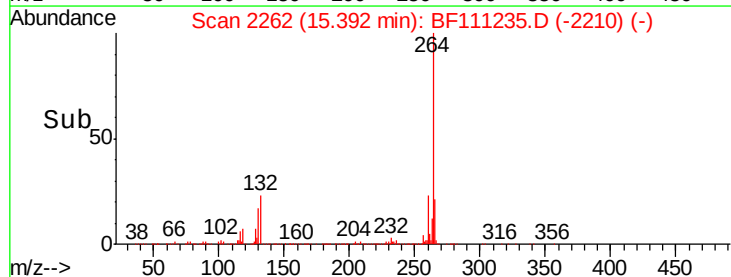
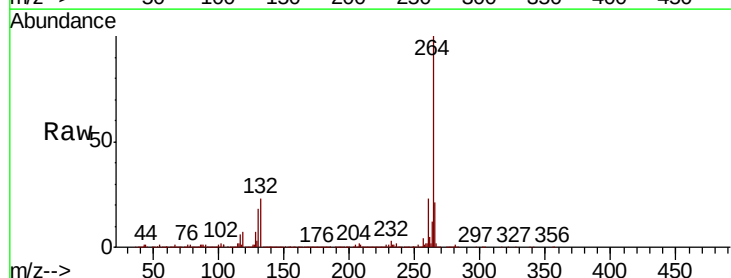
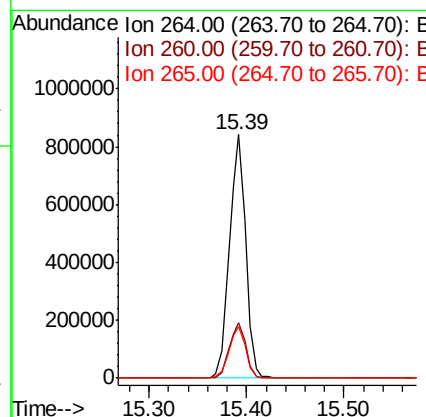
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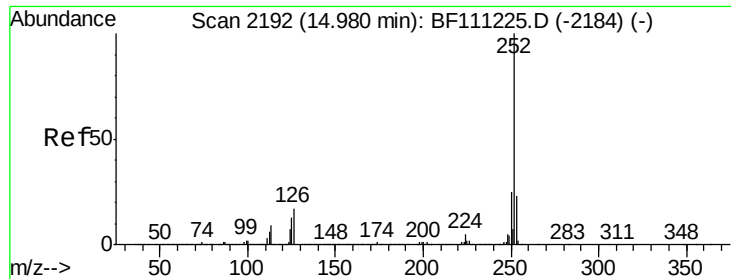
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.3	27.5
265	21.0	17.7	26.5





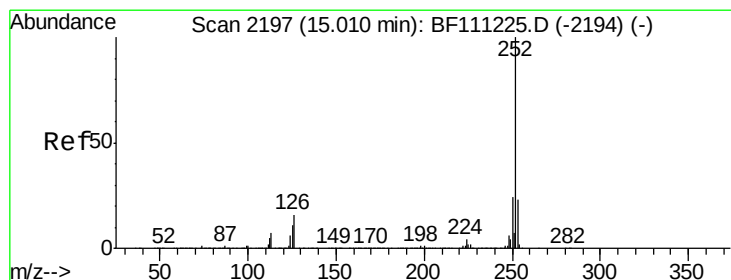
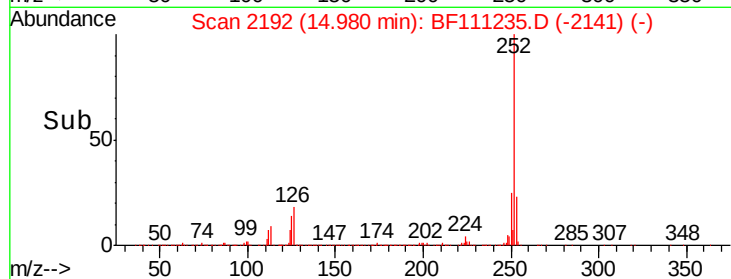
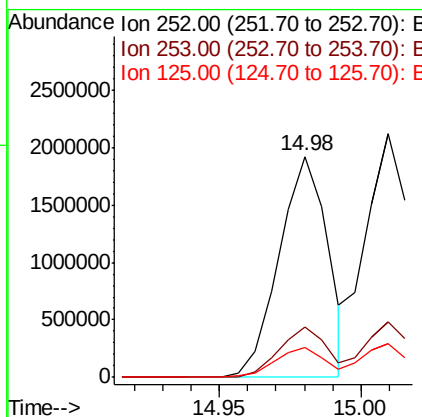
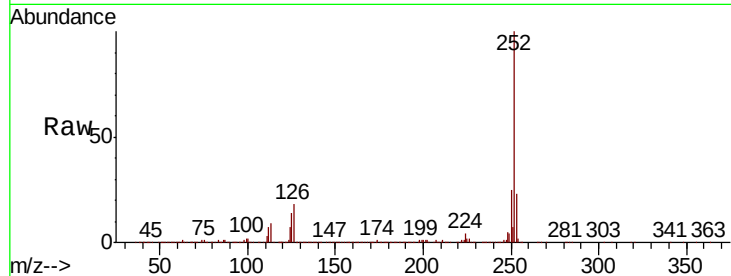
#88
Benzo(b)fluoranthene
Concen: 42.949 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	13.7	10.4	15.6

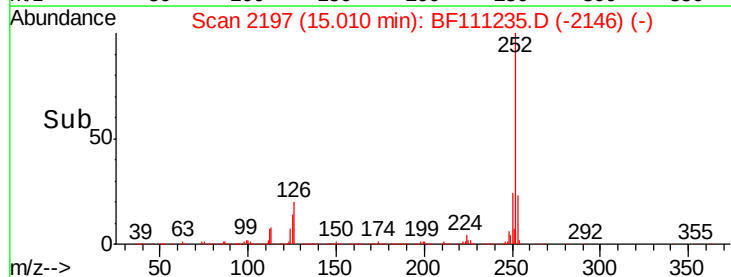
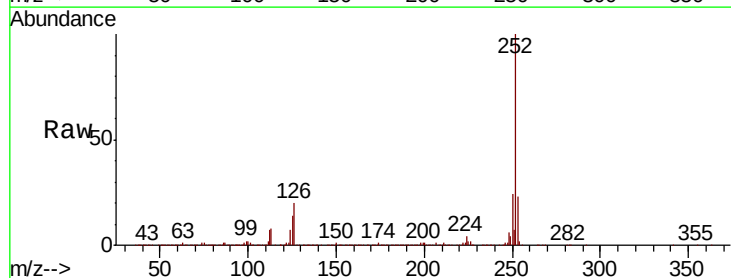
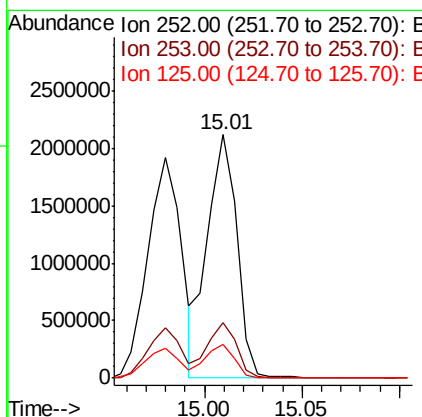
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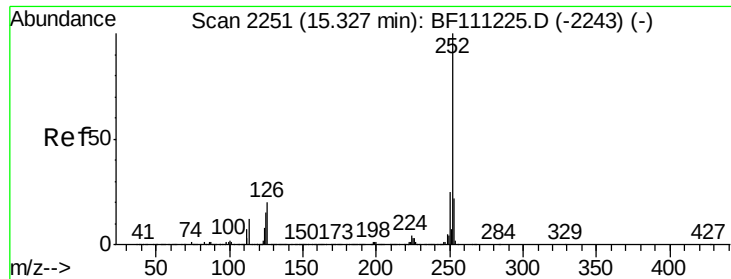
Sohil
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#89
Benzo(k)fluoranthene
Concen: 44.181 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	14.0	9.8	14.8





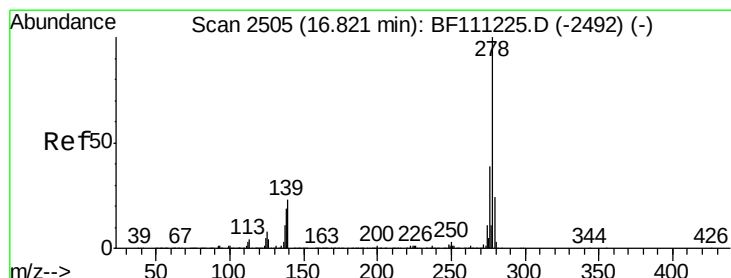
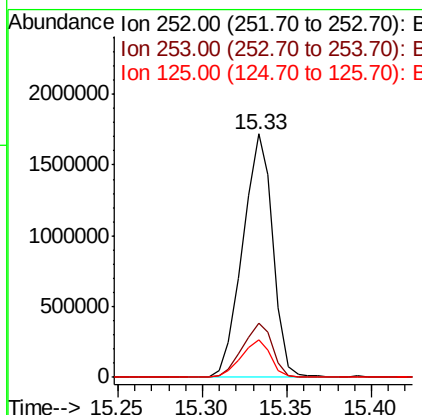
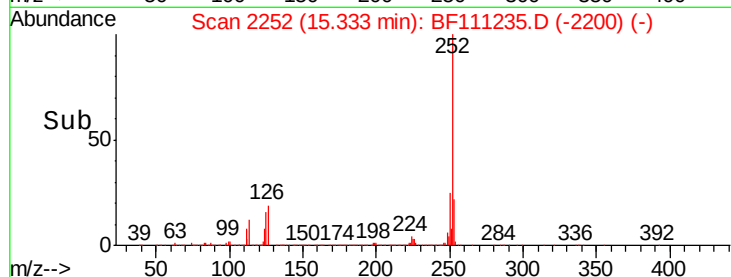
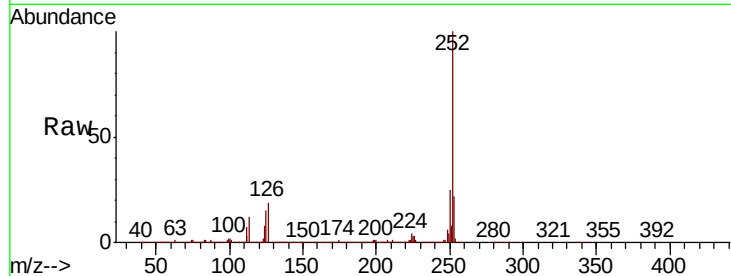
#90
Benzo(a)pyrene
Concen: 43.205 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	15.5	12.3	18.5

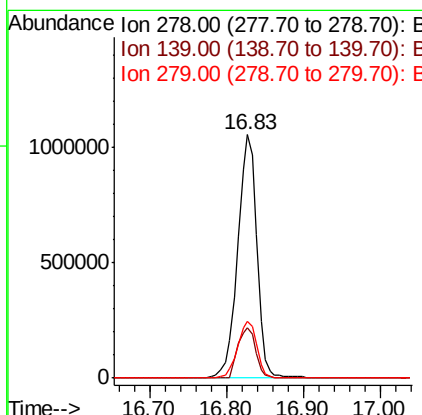
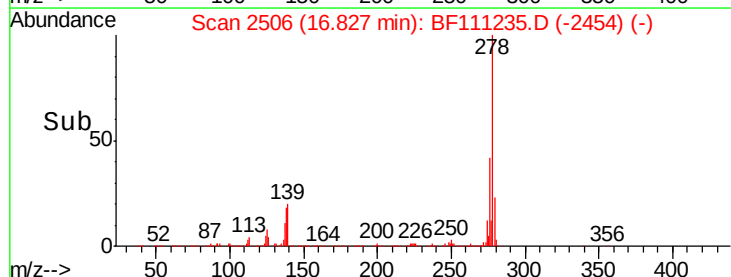
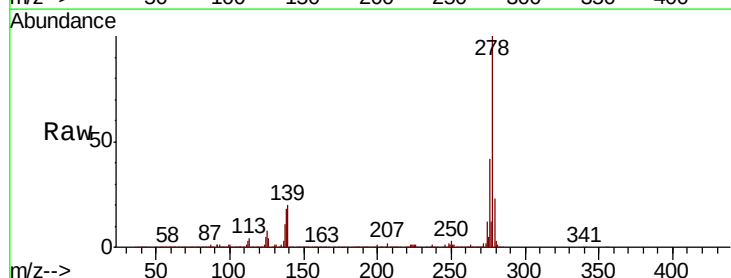
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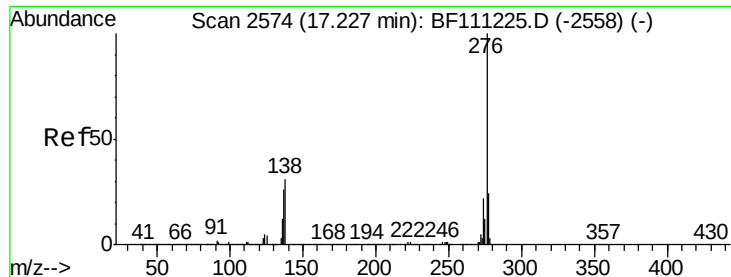
Sohil
12/11/2018 8:42:24 AM



#91
Dibenzo(a,h)anthracene
Concen: 47.635 ng
RT: 16.83 min Scan# 2506
Delta R.T. 0.01 min
Lab File: BF111235.D
Acq: 10 Dec 2018 11:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.4	18.2	27.4
279	23.1	19.0	28.6





#92
 Benzo(a,h,i)perylene
 Concen: 50.166 ng
 RT: 17.24 min Scan# 2576
 Delta R.T. 0.01 min
 Lab File: BF111235.D
 Acq: 10 Dec 2018 11:56

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	27.9	24.9	37.3

Manual Integrations
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