

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120918\
 Data File : BF111237.D
 Acq On : 10 Dec 2018 12:50
 Operator : JU/SJ
 Sample : J6179-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S1-0-0.5-BGSMSD

Manual Integrations
 APPROVED

Sohil
 12/11/2018 8:42:26 AM

Quant Time: Dec 10 15:45:34 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	534477	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2147547	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	1118967	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1736441	20.00	ng	0.00
76) Chrysene-d12	13.96	240	940124	20.00	ng	0.00
87) Perylene-d12	15.39	264	952423	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	3852329	113.81	ng	0.02
7) Phenol-d6	6.44	99	4999939	118.86	ng	0.00
23) Nitrobenzene-d5	7.36	82	3277428	85.60	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	1051588	106.09	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	4939069	73.66	ng	0.00
79) Terphenyl-d14	12.91	244	4089717	104.35	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.61	88	658748	37.932 ng	99
3) Pyridine	3.35	79	1565285	33.926 ng	99
4) n-Nitrosodimethylamine	3.28	42	954182	48.506 ng	97
6) Aniline	6.47	93	1361745	24.280 ng	98
8) 2-Chlorophenol	6.59	128	1581409	41.103 ng	97
9) Benzaldehyde	6.35	77	776332	29.443 ng	97
10) Phenol	6.45	94	2093965	42.573 ng	96
11) bis(2-Chloroethyl)ether	6.54	93	1501554	39.474 ng	96
12) 1,3-Dichlorobenzene	6.75	146	1629292	39.413 ng	99
13) 1,4-Dichlorobenzene	6.82	146	1646554	39.446 ng	99
14) 1,2-Dichlorobenzene	6.97	146	1541464	39.594 ng	99
15) Benzyl Alcohol	6.95	79	1398436	42.011 ng	96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	2986431	41.933 ng	99
17) 2-Methylphenol	7.06	107	1347674	42.905 ng	99
18) Hexachloroethane	7.32	117	655778	41.264 ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	1126672	39.984 ng	96
20) 3+4-Methylphenols	7.21	107	1527083	40.873 ng	96
22) Acetophenone	7.21	105	2110820	42.957 ng	# 99
24) Nitrobenzene	7.38	77	1688249	42.365 ng	99
25) Isophorone	7.63	82	3085150	47.309 ng	99
26) 2-Nitrophenol	7.70	139	854435	43.155 ng	97
27) 2,4-Dimethylphenol	7.74	122	1425033	46.577 ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	1968706	43.595 ng	99
29) 2,4-Dichlorophenol	7.94	162	1331704	42.569 ng	100
30) 1,2,4-Trichlorobenzene	8.03	180	1298142	42.127 ng	99
31) Naphthalene	8.11	128	4290493	45.776 ng	99
32) Benzoic acid	7.85	122	806990	31.897 ng	99
33) 4-Chloroaniline	8.15	127	728842	16.190 ng	96
34) Hexachlorobutadiene	8.23	225	696668	40.956 ng	98
35) Caprolactam	8.52	113	500433m	45.143 ng	
36) 4-Chloro-3-methylphenol	8.64	107	1541476	48.126 ng	98
37) 2-Methylnaphthalene	8.80	142	3134384	50.370 ng	98
38) 1-Methylnaphthalene	8.90	142	2818644	46.253 ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1063009	34.141 ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1201213	67.744	nq	100
43) 2,4,6-Trichlorophenol	9.07	196	878966	37.609	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	927621	38.101	nq	97
46) 1,1'-Biphenyl	9.26	154	3279882	35.020	nq	99
47) 2-Chloronaphthalene	9.29	162	2625189	35.855	nq	99
48) 2-Nitroaniline	9.38	65	956327	38.290	nq	91
49) Acenaphthylene	9.70	152	4318505	40.629	nq	99
50) Dimethylphthalate	9.57	163	3326464	40.290	nq	100
51) 2,6-Dinitrotoluene	9.62	165	718430	39.402	nq	91
52) Acenaphthene	9.87	154	2930420	43.933	nq	99
53) 3-Nitroaniline	9.79	138	572158	25.423	nq	99
54) 2,4-Dinitrophenol	9.89	184	657958	91.316	nq	93
55) Dibenzofuran	10.05	168	3772629	41.574	nq	97
56) 4-Nitrophenol	9.96	139	1386563	79.105	nq	91
57) 2,4-Dinitrotoluene	10.03	165	1035643	46.074	nq	98
58) Fluorene	10.39	166	2638770	37.578	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	800139	43.358	nq	99
60) Diethylphthalate	10.27	149	3065323	38.943	nq	99
61) 4-Chlorophenyl-phenylether	10.38	204	1183408	33.942	nq	97
62) 4-Nitroaniline	10.40	138	769829	36.151	nq	98
63) Azobenzene	10.54	77	3066354	37.522	nq	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	401576	39.248	nq	91
66) n-Nitrosodiphenylamine	10.50	169	2467872	41.751	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	828232	43.548	nq	96
68) Hexachlorobenzene	10.94	284	842698	43.556	nq	95
69) Atrazine	11.03	200	819515	45.593	nq	99
70) Pentachlorophenol	11.13	266	977207	69.625	nq	95
71) Phenanthrene	11.35	178	3694924	42.187	nq	99
72) Anthracene	11.40	178	3760542	41.040	nq	99
73) Carbazole	11.55	167	3660951	38.209	nq	100
74) Di-n-butylphthalate	11.89	149	4061845	41.245	nq	100
75) Fluoranthene	12.53	202	3628452	45.351	nq	97
77) Benzidine	12.65	184	247357	8.861	nq	99
78) Pyrene	12.76	202	3534368	52.609	nq	99
80) Butylbenzylphthalate	13.39	149	1663390	47.403	nq	95
81) Benzo(a)anthracene	13.94	228	2335546	44.530	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	514129	23.916	nq	100
83) Chrysene	13.99	228	2475525	45.783	nq	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	1829491	43.876	nq	99
85) Di-n-octyl phthalate	14.56	149	3238289	46.335	nq	100
86) Indeno(1,2,3-cd)pyrene	16.81	276	2723183	62.391	nq	99
88) Benzo(b)fluoranthene	14.98	252	2567669	48.749	nq	99
89) Benzo(k)fluoranthene	15.01	252	2069143	41.784	nq	97
90) Benzo(a)pyrene	15.33	252	2276749	46.940	nq	99
91) Dibenzo(a,h)anthracene	16.83	278	2228276	58.490	nq	98
92) Benzo(g,h,i)perylene	17.24	276	2379877	62.404	nq	97

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

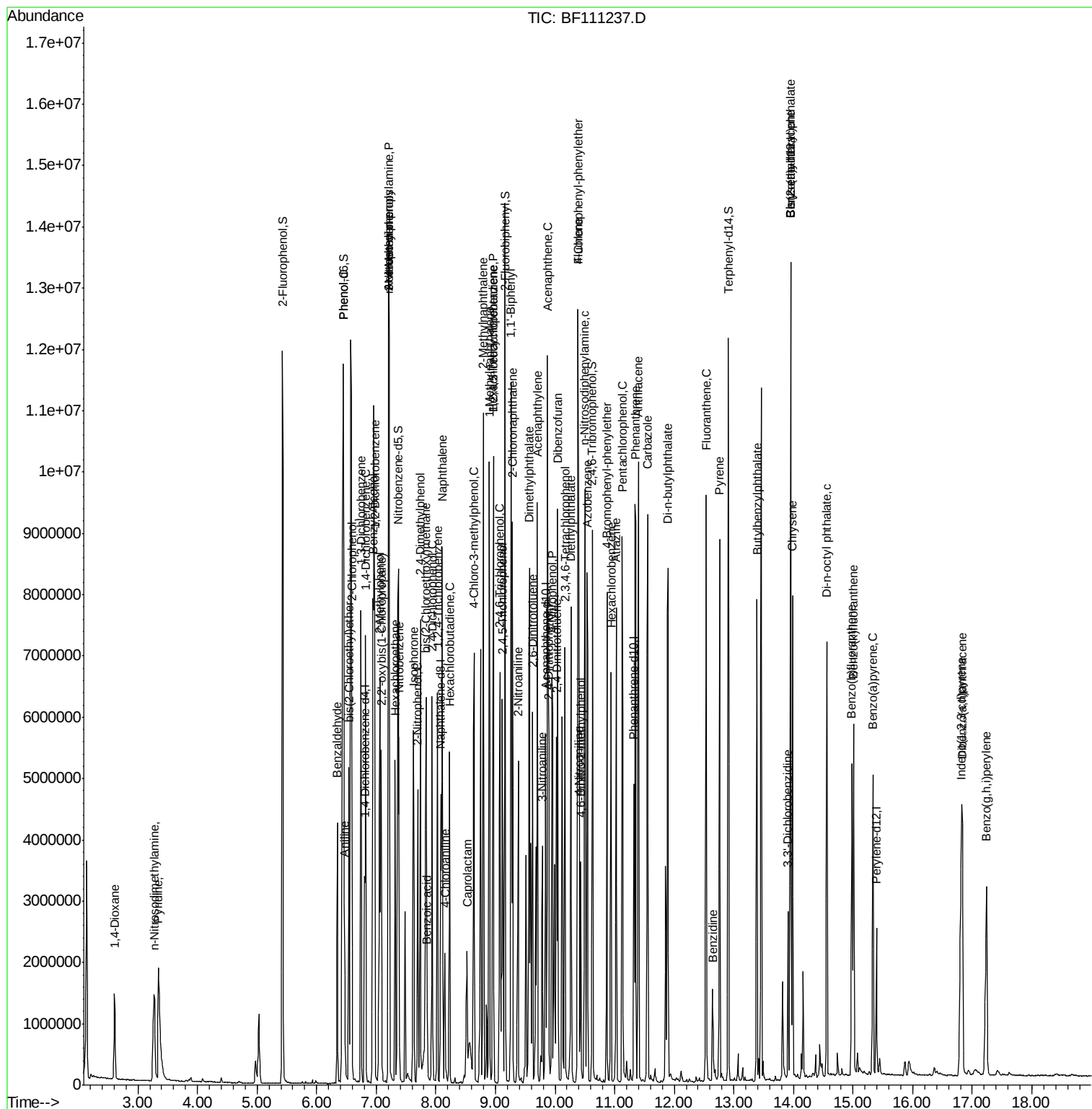
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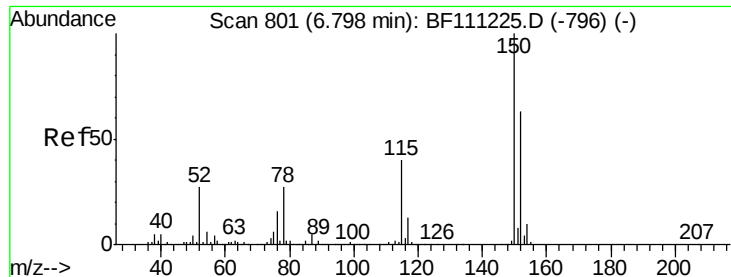
Instrument :
 BNA_F
 ClientSampleId :
 S1-0-0.5-BGSMDS

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#1

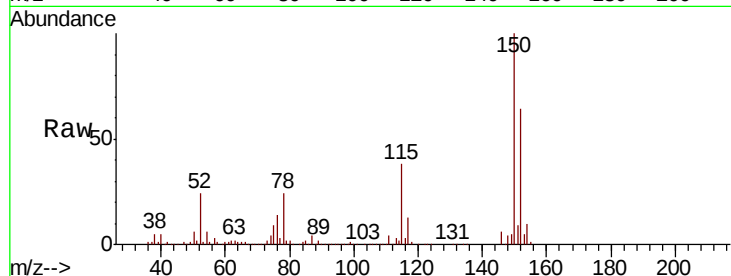
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :
S1-0-0.5-BGSMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.6	189.8
115	59.5	50.7	76.1

Manual Integrations
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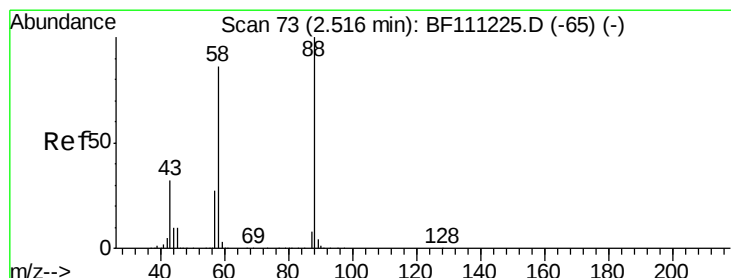
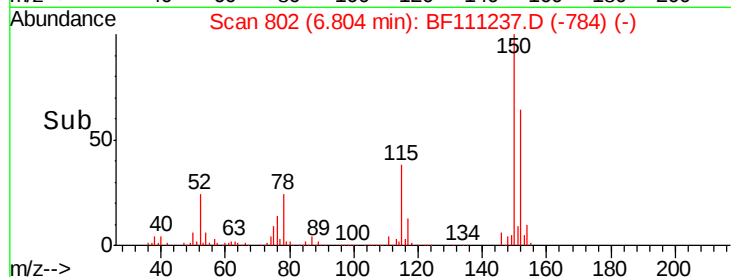
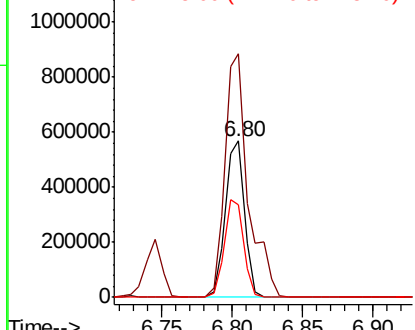


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

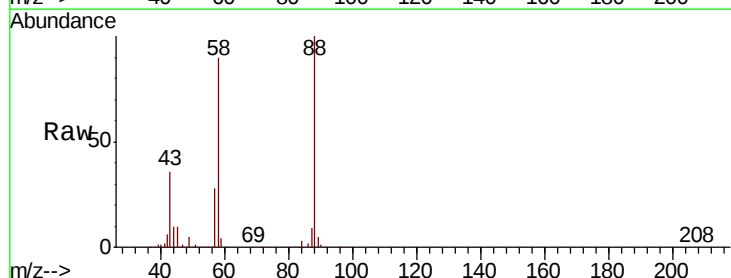
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.932 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.09 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.5	68.9	103.3
43	32.6	25.8	38.6

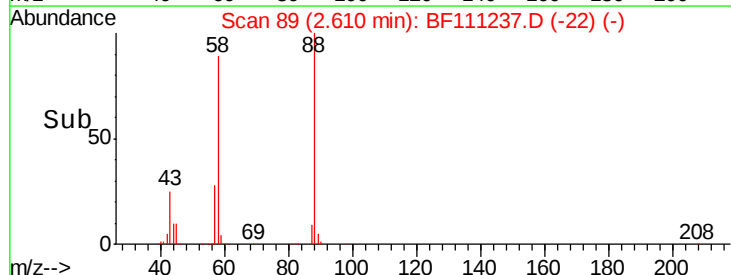
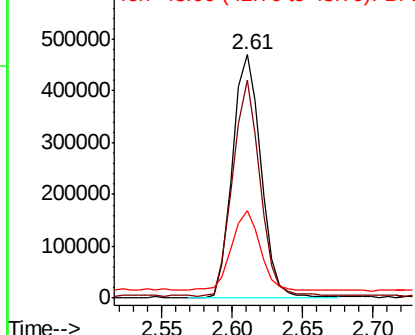


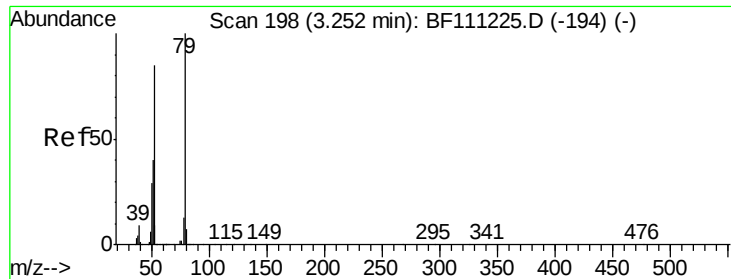
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 33.926 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.09 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Instrument :

BNA_F

ClientSampleId :

S1-0-0.5-BGSMSD

Tot Ion: 79 Resp: 1565285

Ion Ratio Lower Upper

79 100

52 84.6 68.3 102.5

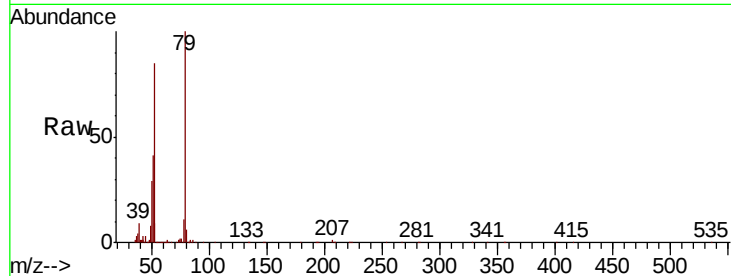
51 41.1 32.6 49.0

Manual Integrations

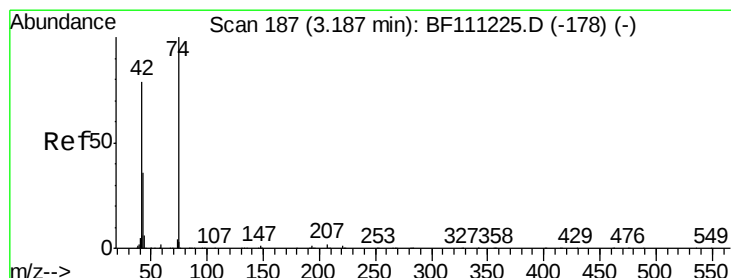
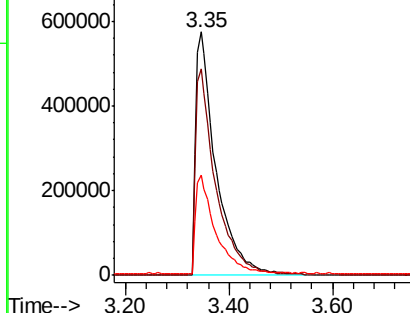
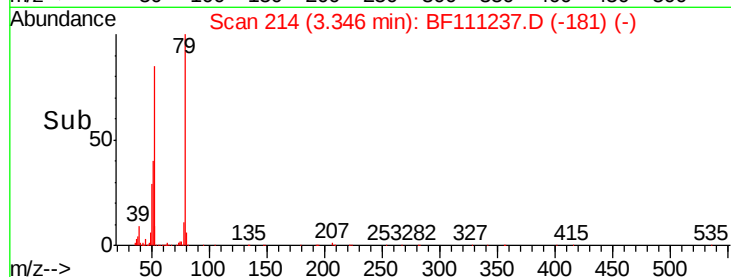
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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 48.506 ng

RT: 3.28 min Scan# 202

Delta R.T. 0.09 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

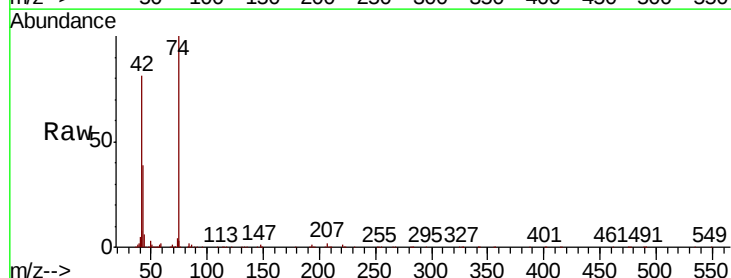
Tgt Ion: 42 Resp: 954182

Ion Ratio Lower Upper

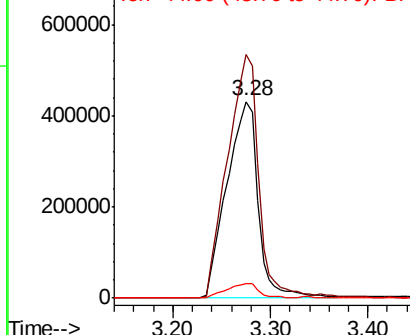
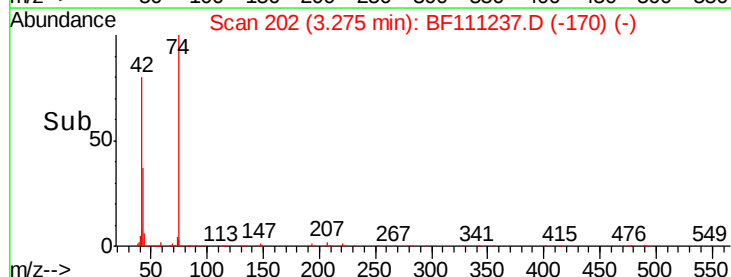
42 100

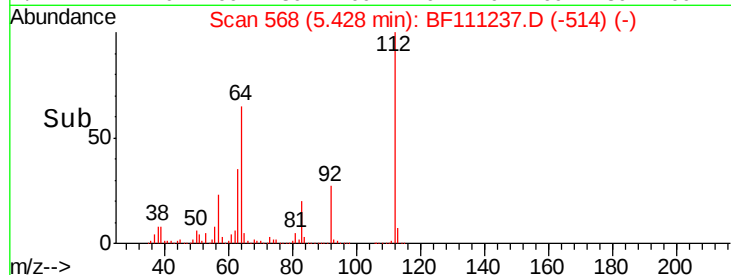
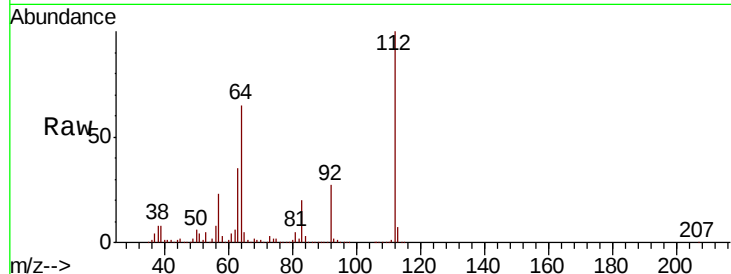
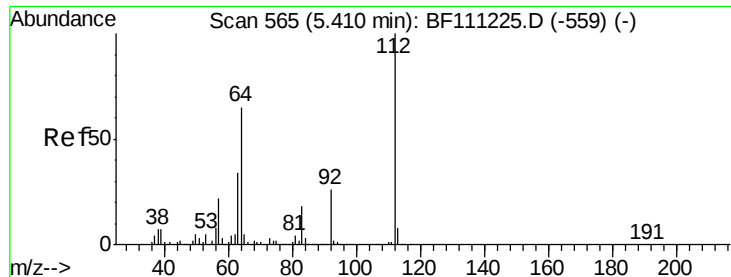
74 123.9 101.5 152.3

44 7.1 6.0 9.0



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





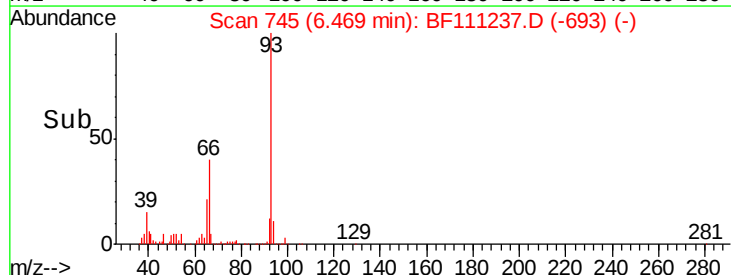
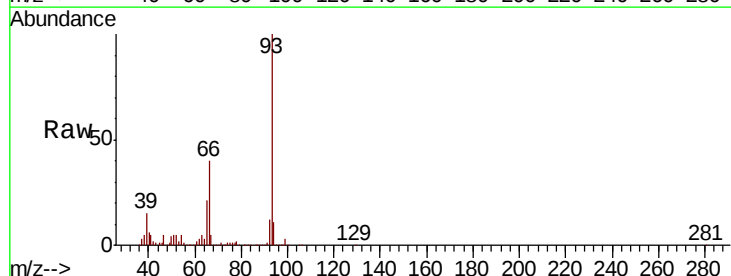
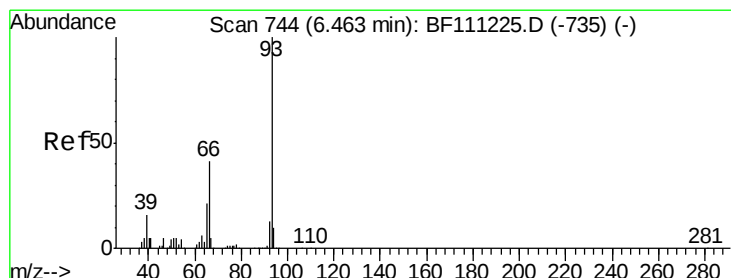
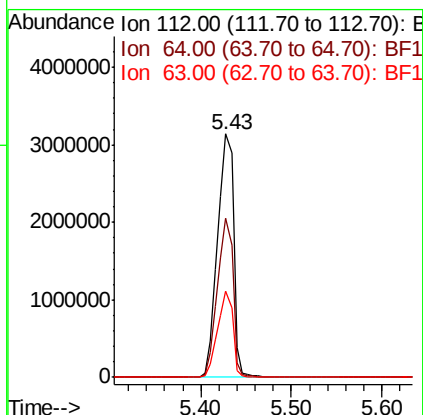
#5
2-Fluorophenol
Concen: 113.814 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tot Ion	Ratio	Lower	Upper
112	100		
64	65.4	51.8	77.6
63	35.2	26.8	40.2

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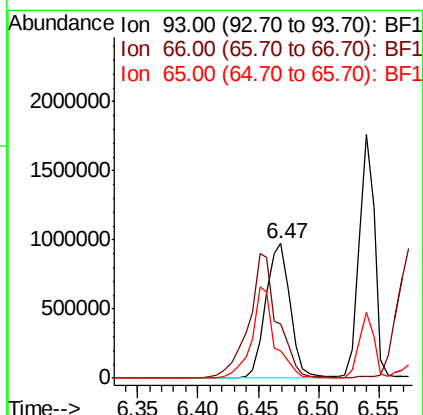
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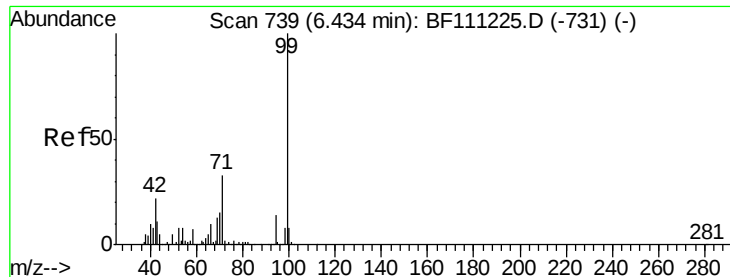
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#6
Aniline
Concen: 24.280 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion	Ratio	Lower	Upper
93	100		
66	40.0	33.2	49.8
65	20.8	17.0	25.4





#7

Phenol-d6

Concen: 118.865 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Instrument :

BNA_F

ClientSampleId :

S1-0-0.5-BGSMSD

Tot Ion: 99 Resp: 4999939

Ion Ratio Lower Upper

99 100

42 23.6 17.4 26.0

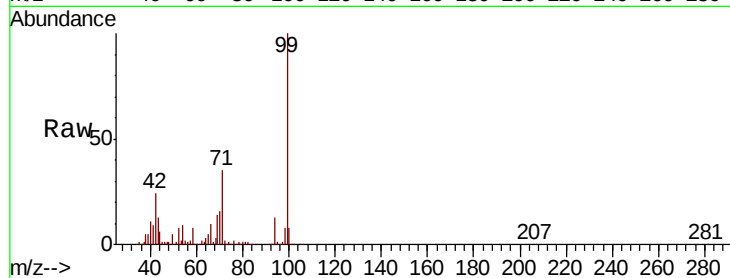
71 35.1 26.1 39.1

Manual Integrations

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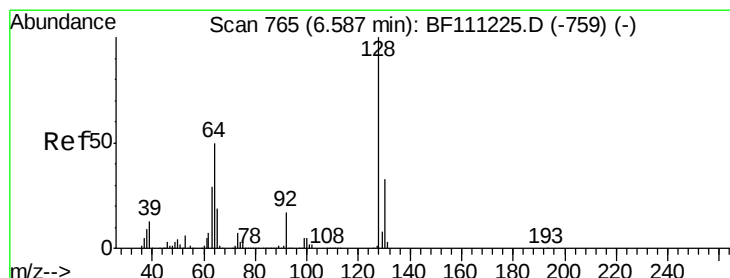
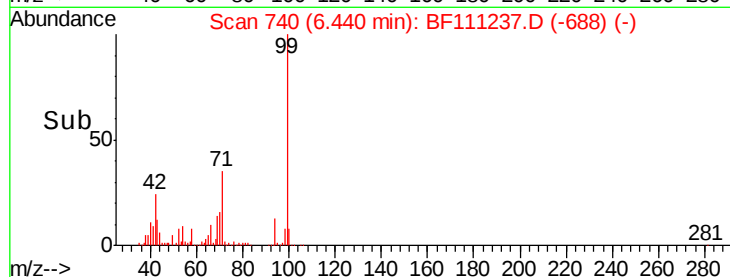
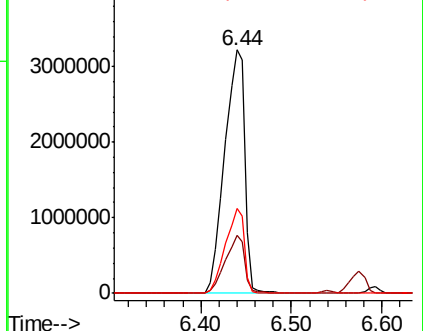
12/11/2018 8:42:26 AM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.103 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

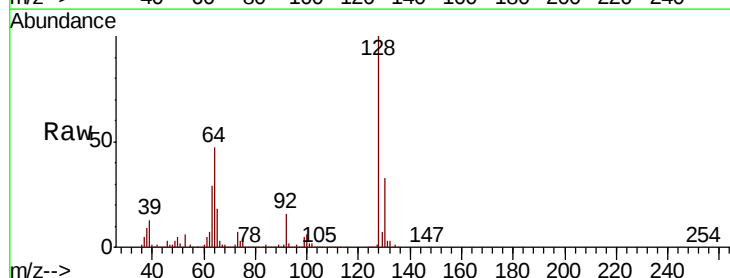
Tgt Ion:128 Resp: 1581409

Ion Ratio Lower Upper

128 100

130 33.4 12.7 52.7

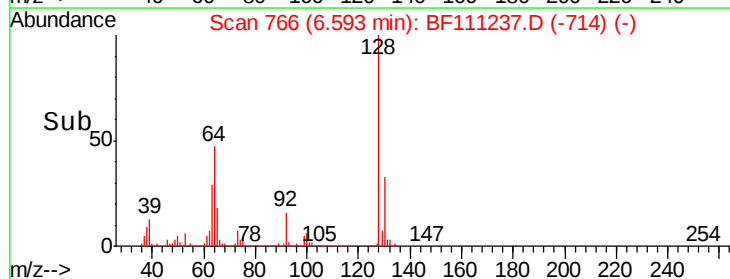
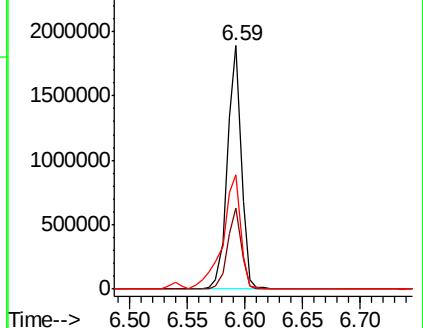
64 46.8 30.0 70.0

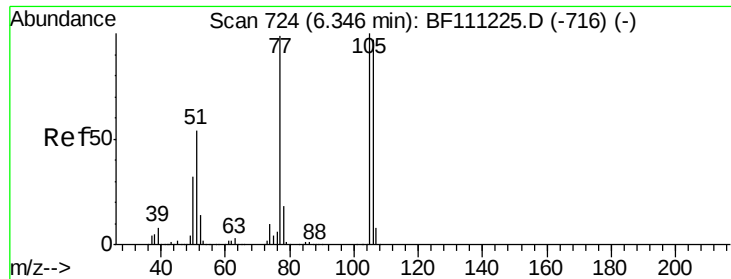


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 29.443 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Instrument :

BNA_F

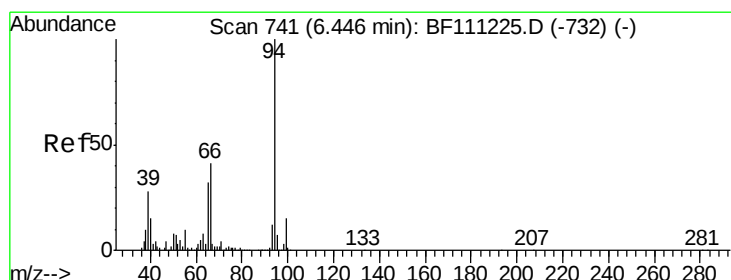
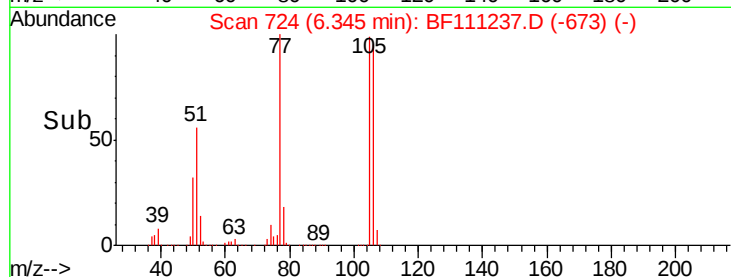
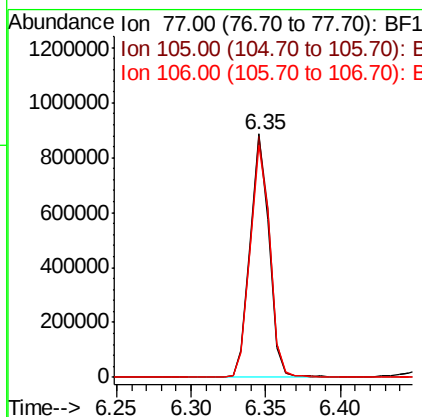
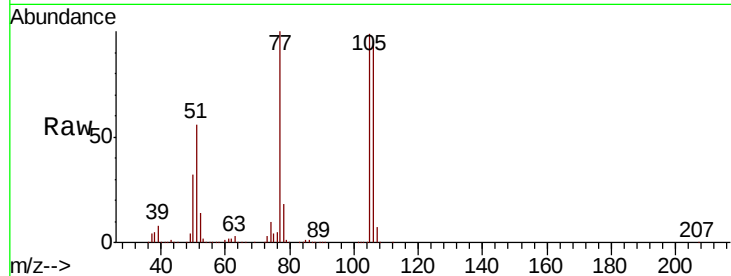
ClientSampleId :

S1-0-0.5-BGSMSD

Tot Ion:	77	Resp:	776332
Ion Ratio	Lower	Upper	
77	100		
105	99.0	81.4	121.4
106	95.2	77.9	117.9

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#10

Phenol

Concen: 42.573 ng

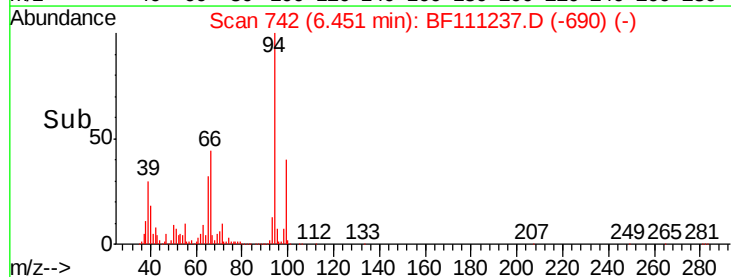
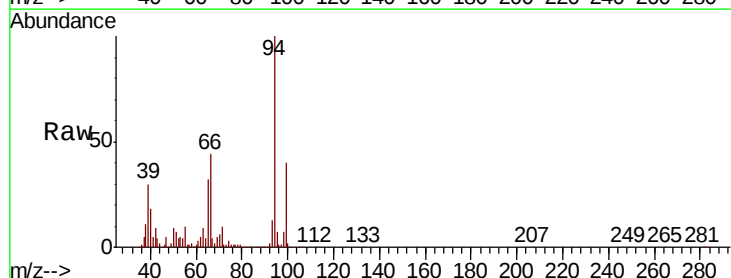
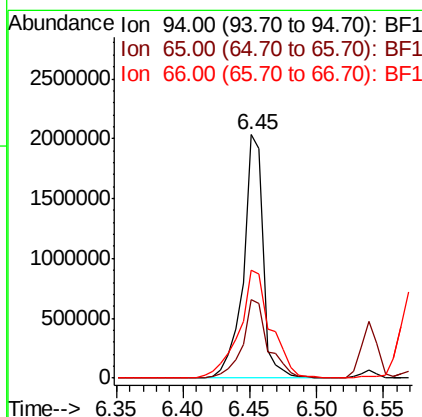
RT: 6.45 min Scan# 742

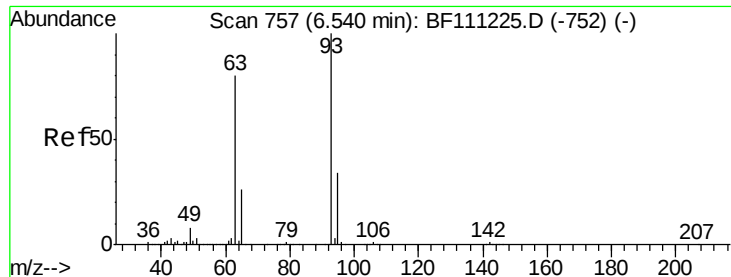
Delta R.T. 0.01 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Tgt Ion:	94	Resp:	2093965
Ion Ratio	Lower	Upper	
94	100		
65	32.5	11.7	51.7
66	44.4	21.0	61.0





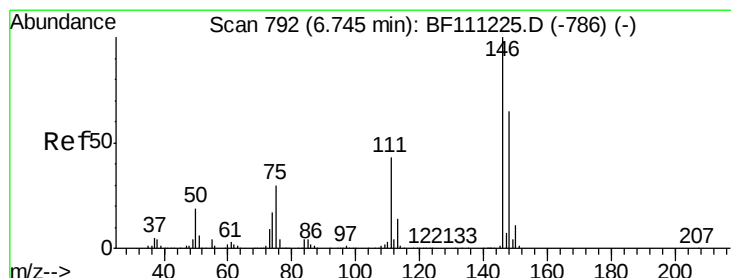
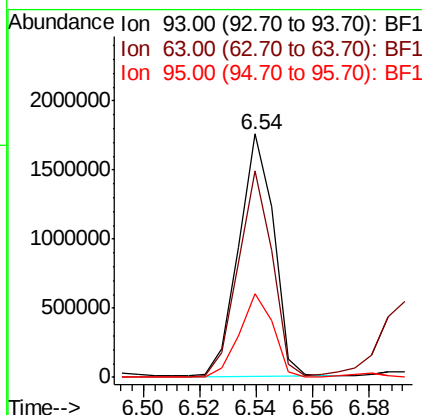
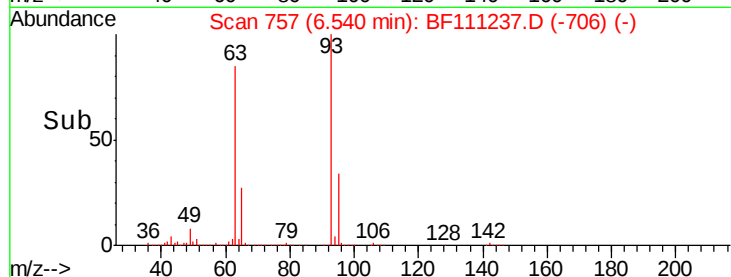
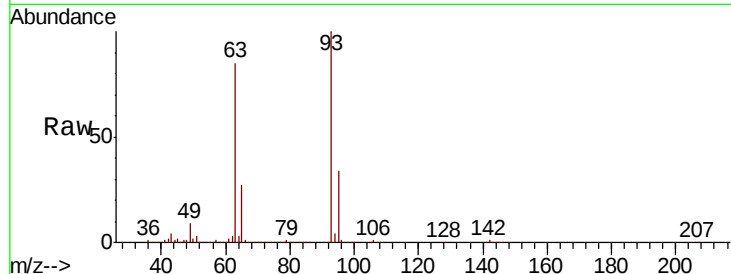
#11
bis(2-Chloroethyl)ether
Concen: 39.474 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :
S1-0-0.5-BGSMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.1	60.0	100.0
95	34.1	13.4	53.4

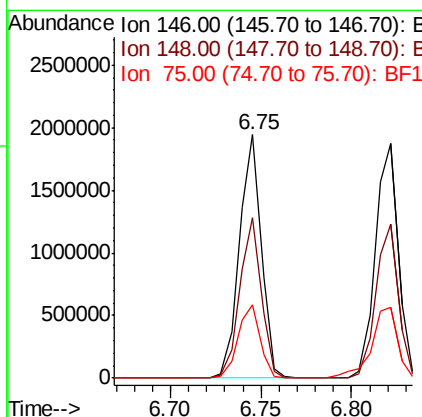
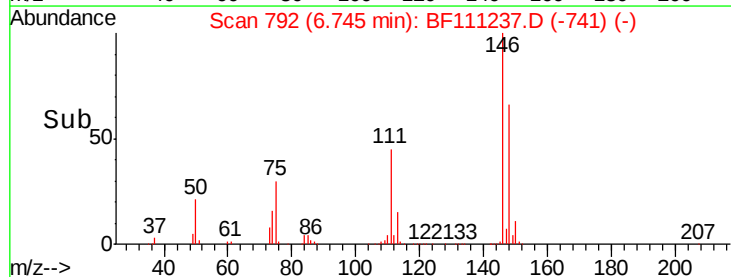
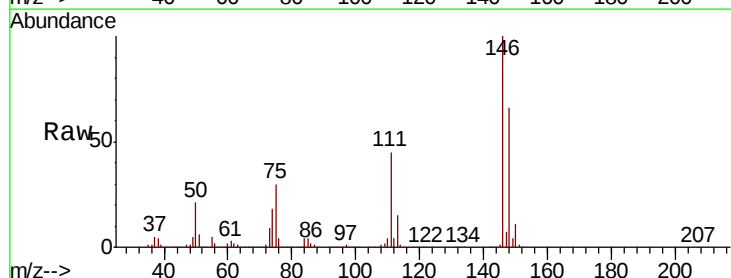
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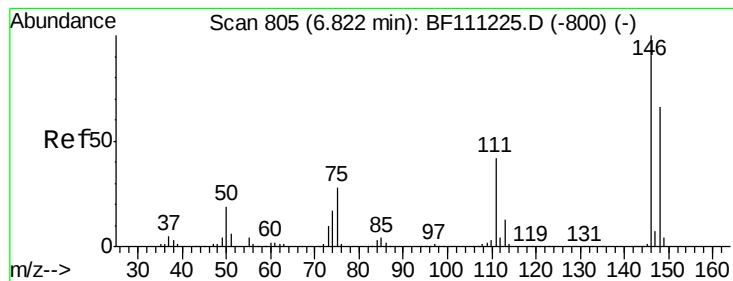
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.413 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.1	78.1
75	30.4	23.9	35.9





#13

1,4-Dichlorobenzene

Concen: 39.446 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Instrument :

BNA_F

ClientSampleId :

S1-0-0.5-BGSMSD

Tot Ion:146 Resp: 1646554

Ion Ratio Lower Upper

146 100

148 65.3 52.8 79.2

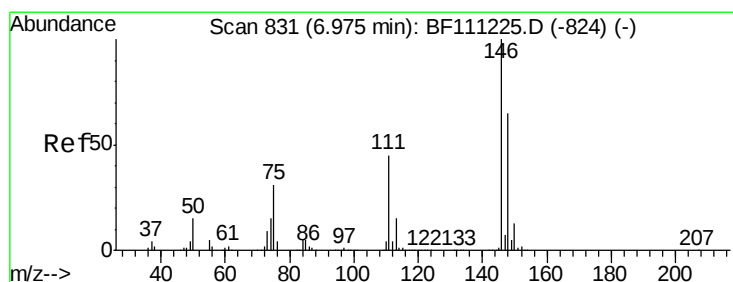
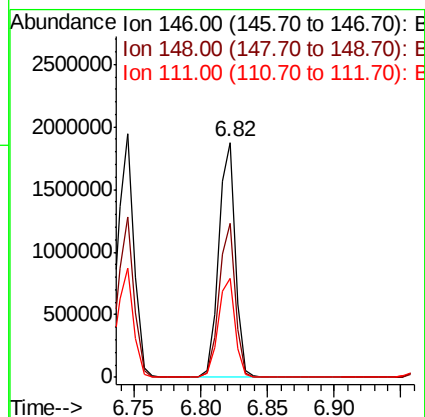
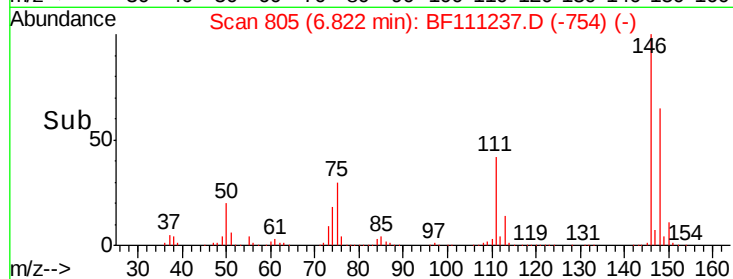
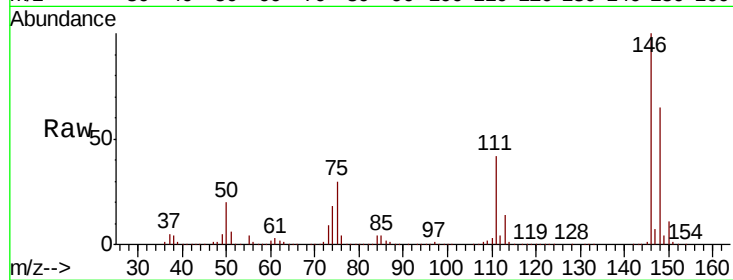
111 42.2 33.4 50.0

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#14

1,2-Dichlorobenzene

Concen: 39.594 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

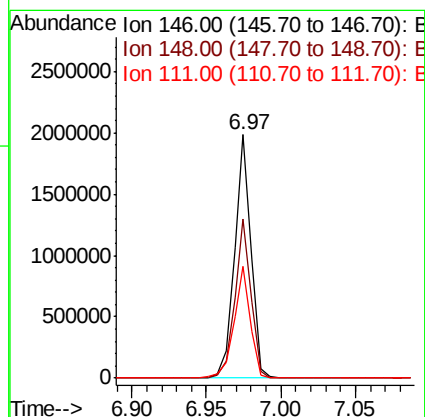
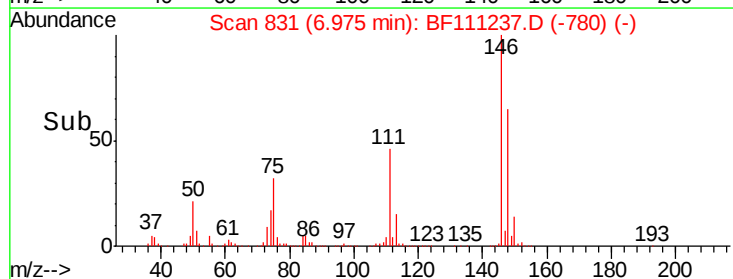
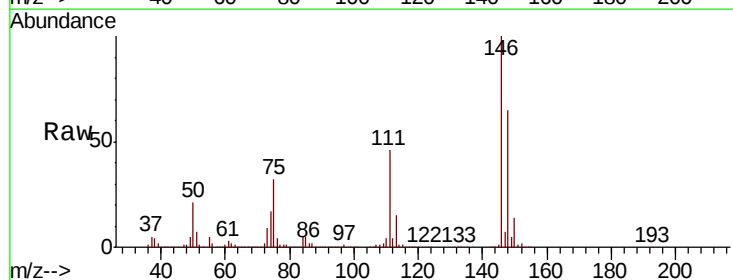
Tgt Ion:146 Resp: 1541464

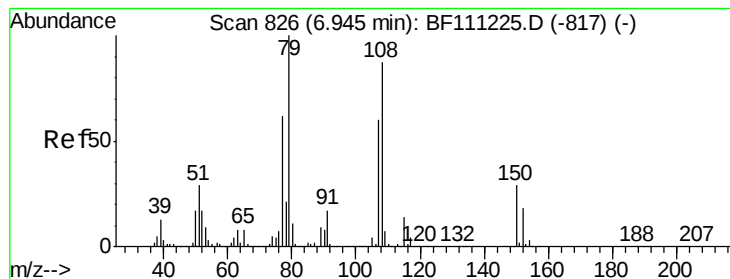
Ion Ratio Lower Upper

146 100

148 65.3 51.9 77.9

111 46.2 36.2 54.4





#15

Benzyl Alcohol

Concen: 42.011 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Instrument :

BNA_F

ClientSampleId :

S1-0-0.5-BGMSMD

Tot Ion: 79 Resp: 1398436

Ion Ratio Lower Upper

79 100

108 81.0 69.4 104.2

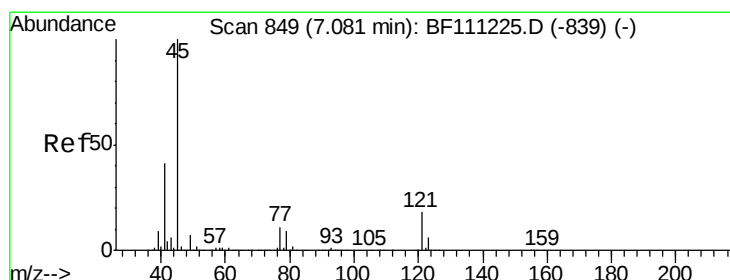
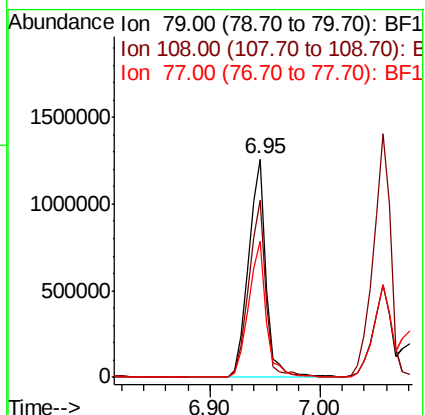
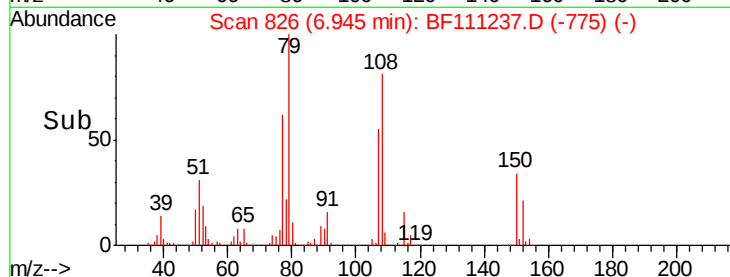
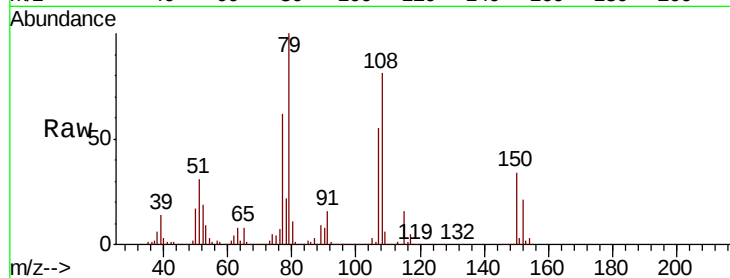
77 62.2 49.7 74.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.933 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

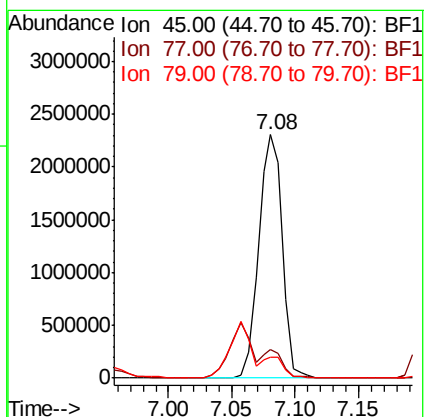
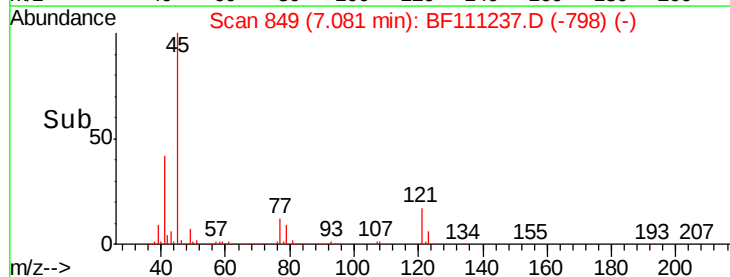
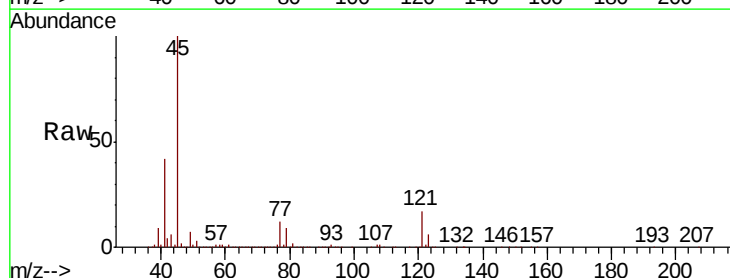
Tgt Ion: 45 Resp: 2986431

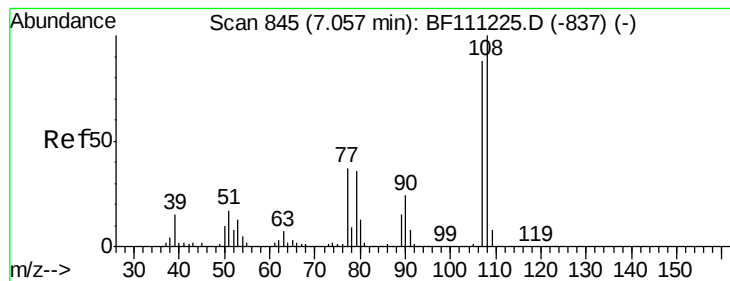
Ion Ratio Lower Upper

45 100

77 11.6 0.0 31.5

79 8.5 0.0 28.9





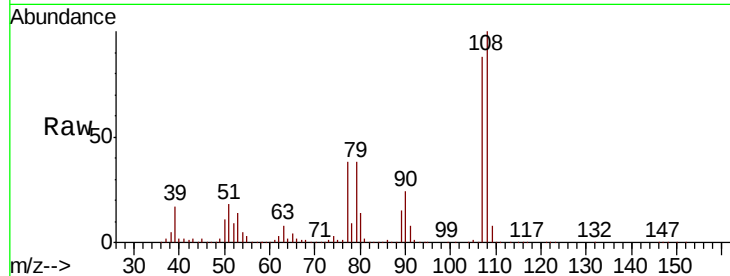
#17
2-Methylphenol
Concen: 42.905 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :
S1-0-0.5-BGSMSD

Tot Ion:	107	Resp:	1347674
Ion	Ratio	Lower	Upper
107	100		
108	113.5	91.0	136.4
77	43.0	33.5	50.3
79	43.4	33.3	49.9

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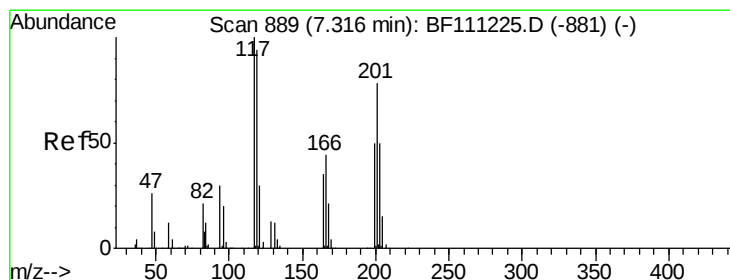
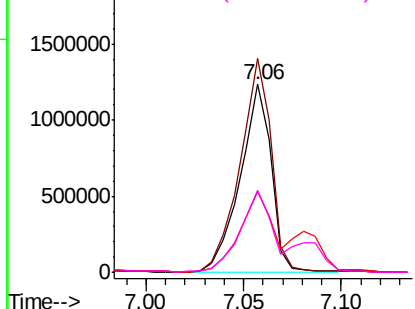
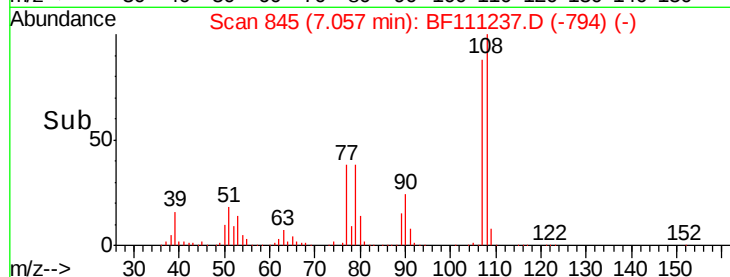
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

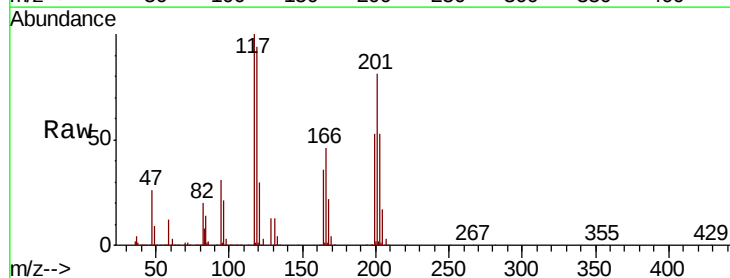
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.264 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion:	117	Resp:	655778
Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.4	113.0
201	81.0	62.4	93.6

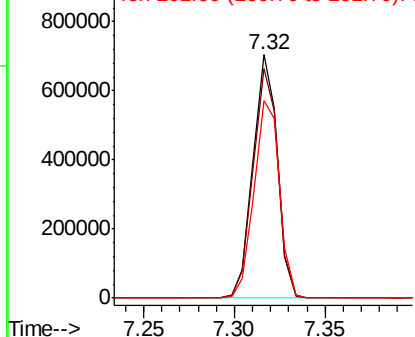
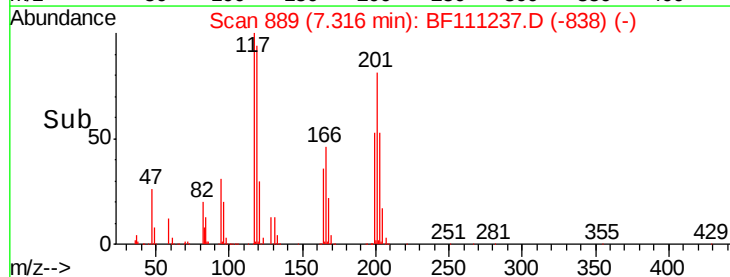


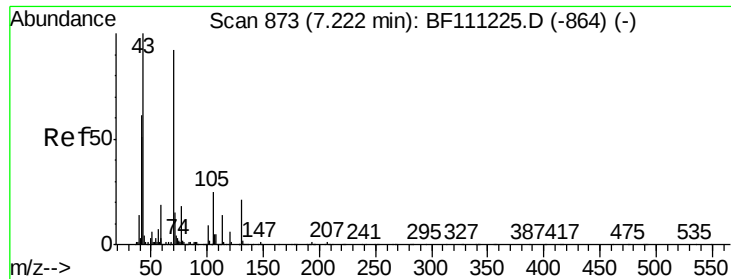
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





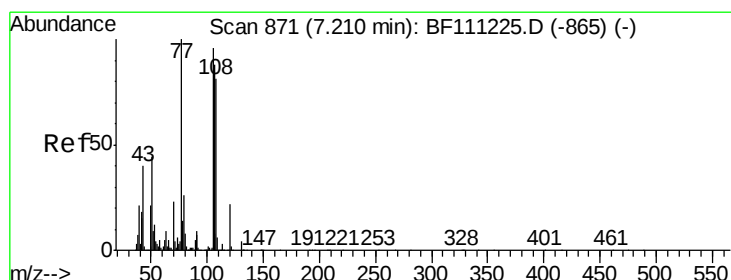
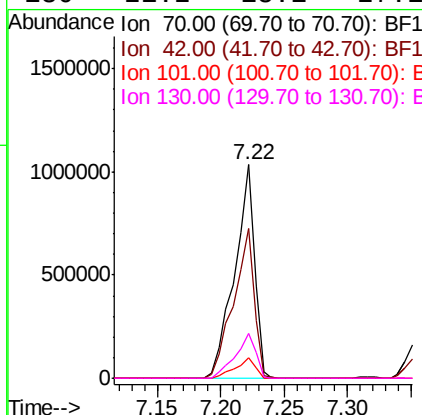
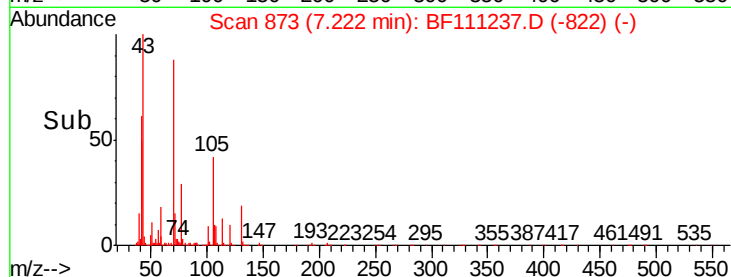
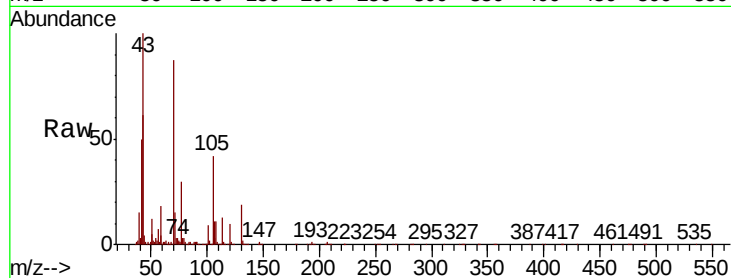
#19
n-Nitroso-di-n-propylamine
Concen: 39.984 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :
S1-0-0.5-BGSMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	70.0	53.2	79.8	
101	9.9	8.2	12.4	
130	21.2	18.1	27.1	

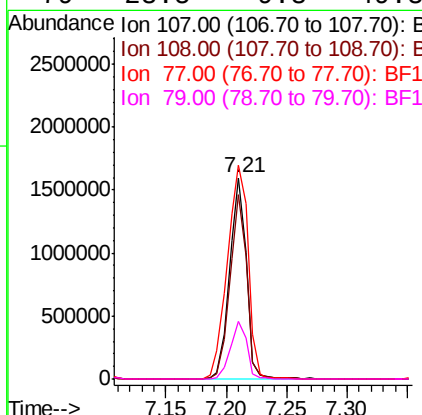
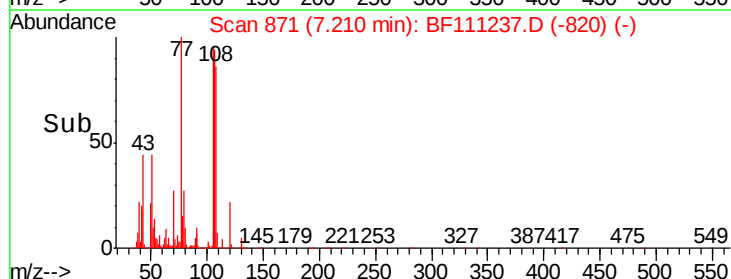
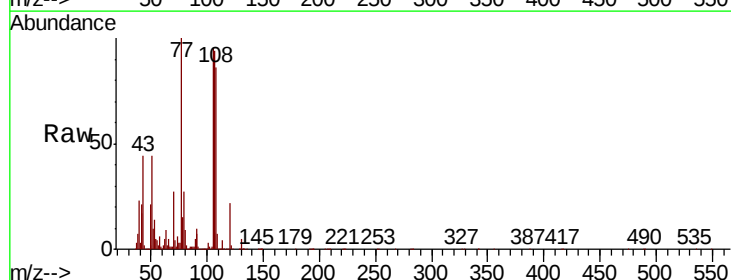
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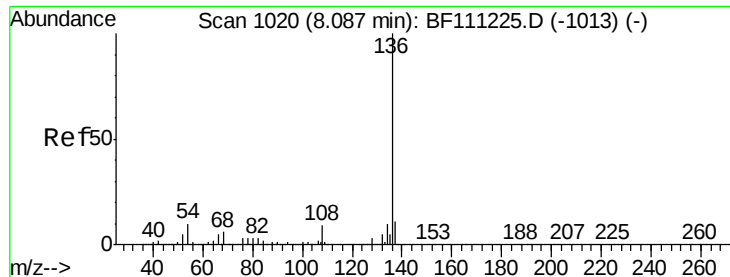
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#20
3+4-Methylphenols
Concen: 40.873 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.5	72.1	112.1	
77	106.1	94.1	134.1	
79	28.5	9.8	49.8	





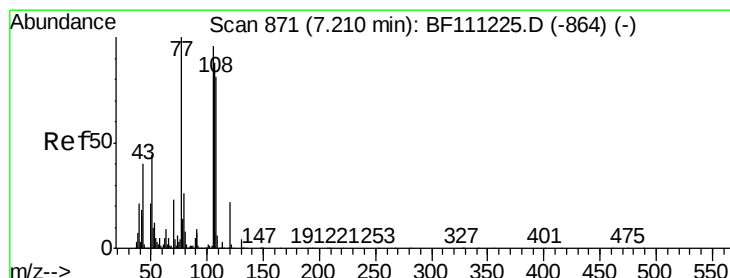
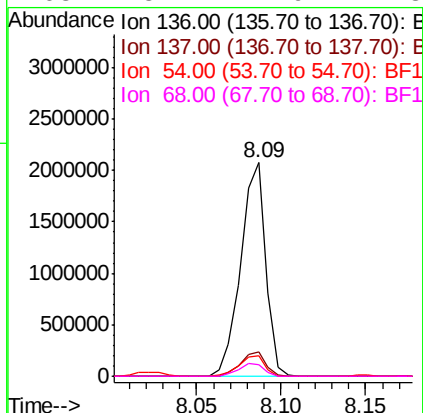
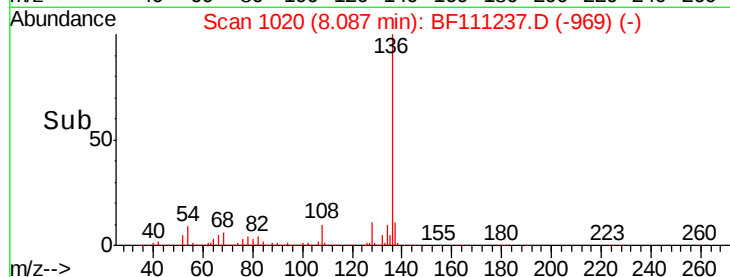
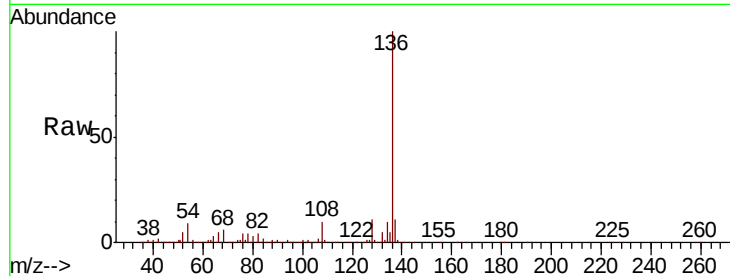
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :
S1-0-0.5-BGSMSD

Tot Ion	Ion	Ratio	Lower	Upper
136	100			
137	11.3	9.1	13.7	
54	9.3	7.7	11.5	
68	5.7	4.9	7.3	

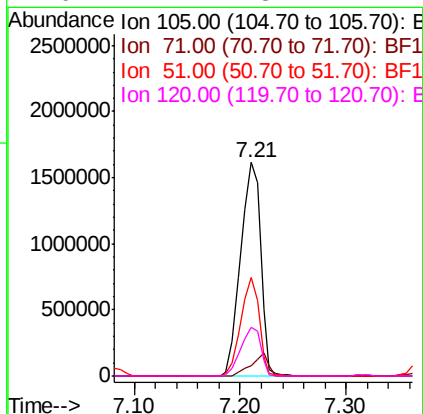
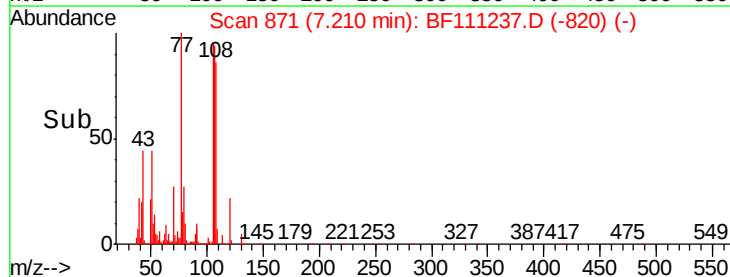
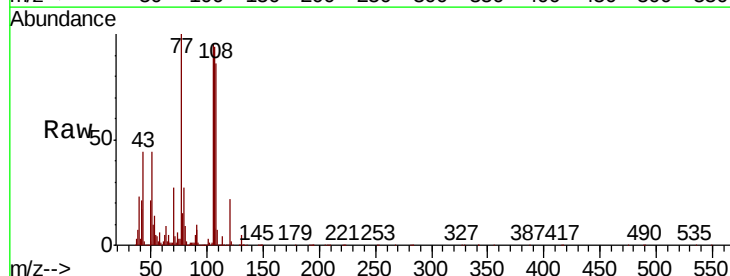
Manual Integrations
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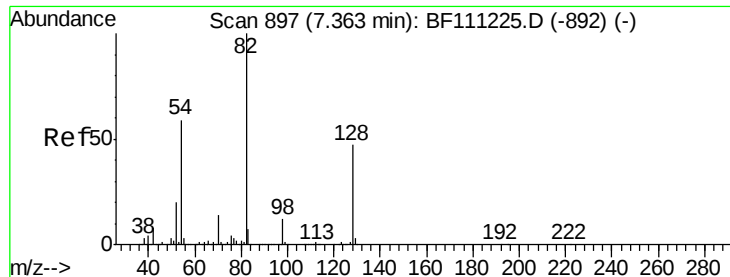
Sohil
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#22
Acetophenone
Concen: 42.957 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion	Ion	Ratio	Lower	Upper
105	100			
71	4.7	3.1	4.7#	
51	46.4	36.6	54.8	
120	22.7	18.2	27.4	





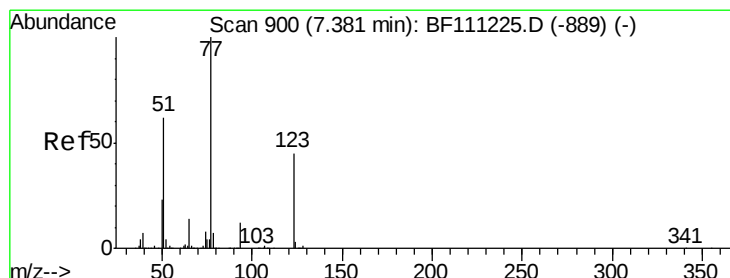
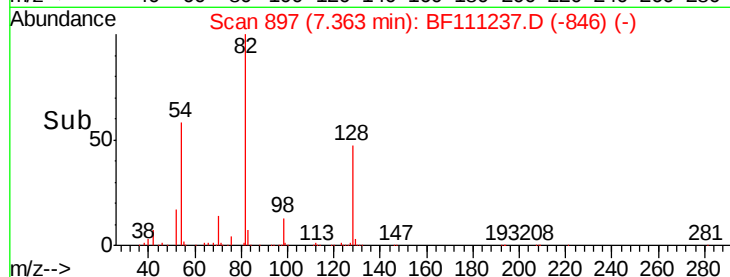
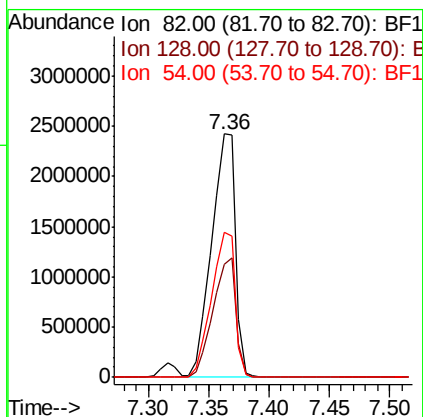
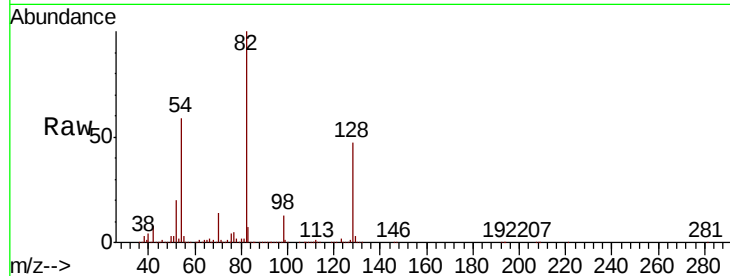
#23
Nitrobenzene-d5
Concen: 85.598 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :
S1-0-0.5-BGSMSD

Tot Ion: 82 Resp: 3277428
Ion Ratio Lower Upper
82 100
128 46.6 37.4 56.2
54 59.4 47.6 71.4

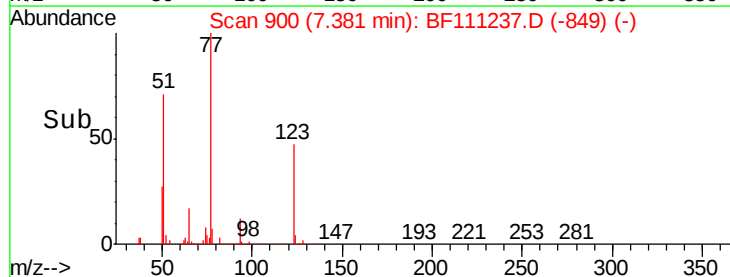
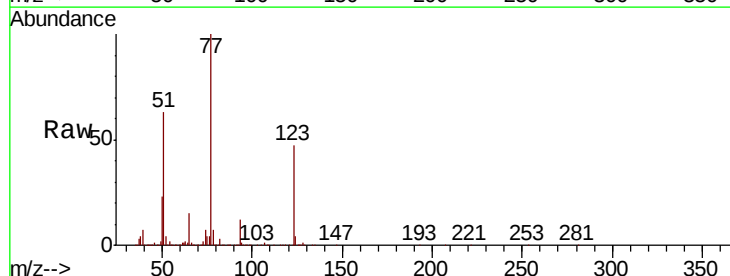
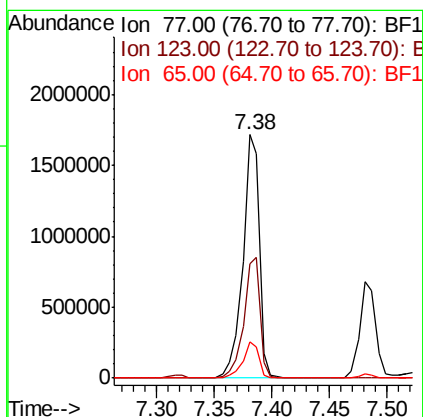
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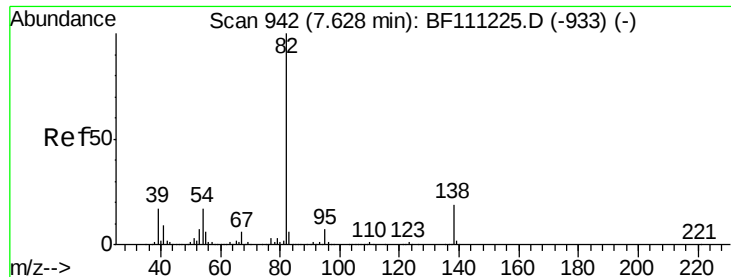
Sohil
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#24
Nitrobenzene
Concen: 42.365 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion: 77 Resp: 1688249
Ion Ratio Lower Upper
77 100
123 47.1 37.2 55.8
65 14.7 11.5 17.3





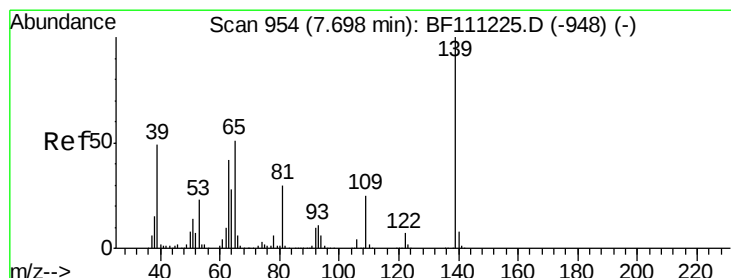
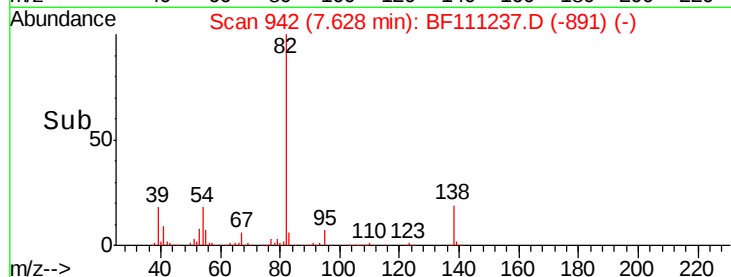
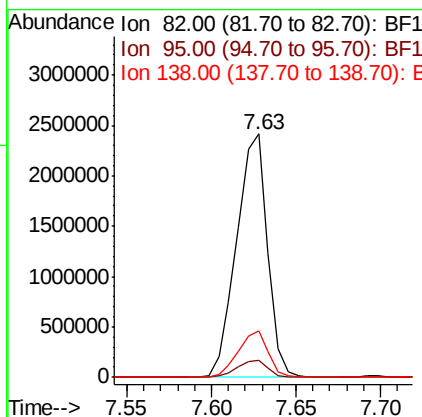
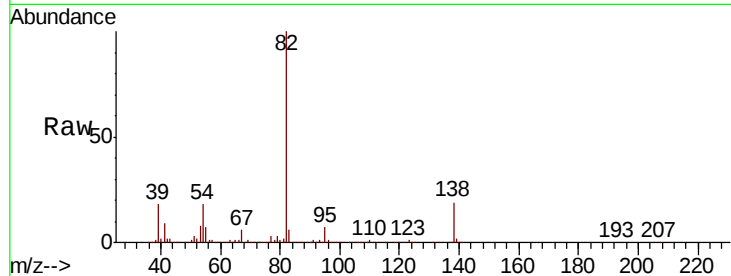
#25
Isophorone
Concen: 47.309 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :
S1-0-0.5-BGSMSD

Tot Ion: 82 Resp: 3085150
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.2
138 19.0 15.1 22.7

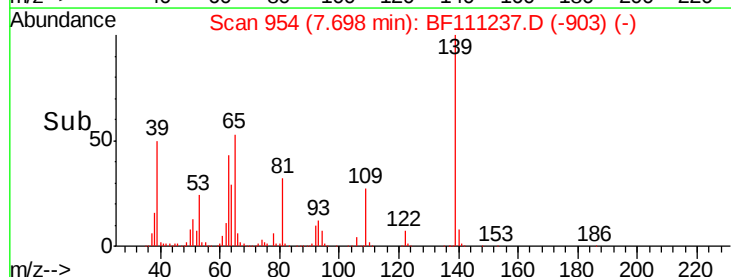
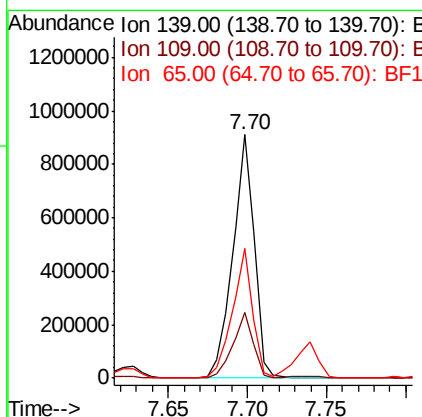
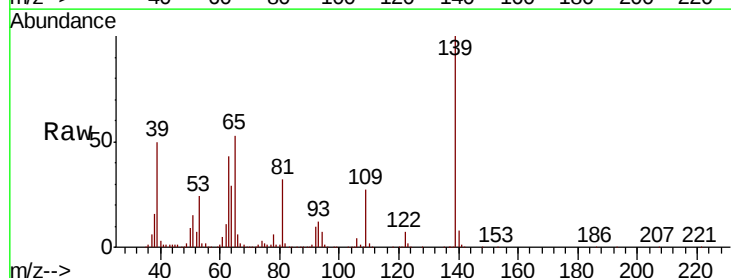
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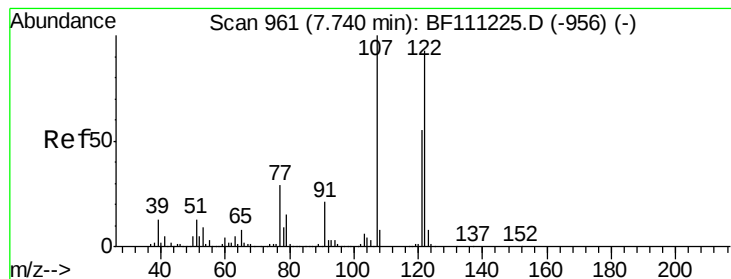
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#26
2-Nitrophenol
Concen: 43.155 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion: 139 Resp: 854435
Ion Ratio Lower Upper
139 100
109 27.1 20.2 30.4
65 53.3 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 46.577 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Instrument :

BNA_F

ClientSampleId :

S1-0-0.5-BGSMSD

Tot Ion:122 Resp: 1425033

Ion Ratio Lower Upper

122 100

107 109.6 85.5 128.3

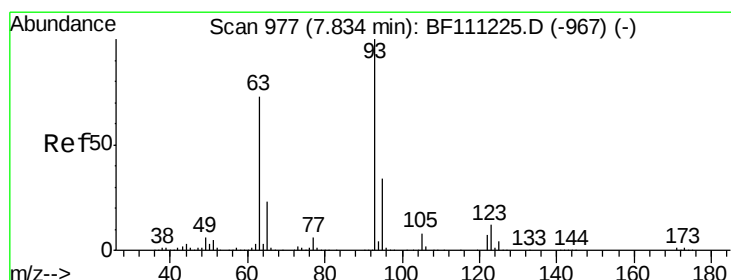
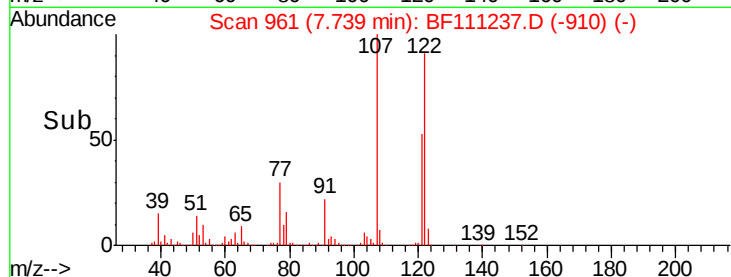
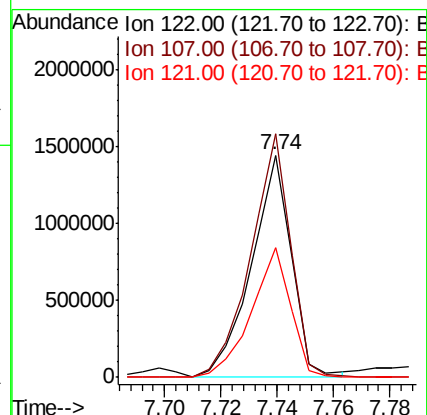
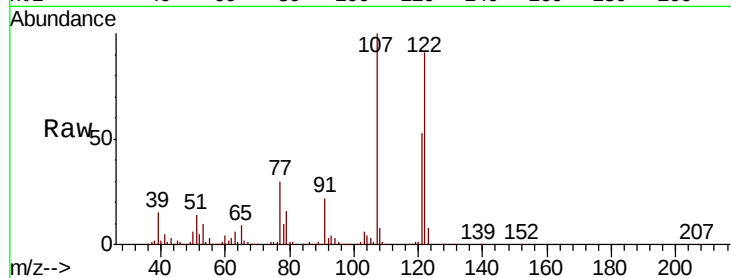
121 58.3 46.6 70.0

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#28

bis(2-Chloroethoxy)methane

Concen: 43.595 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

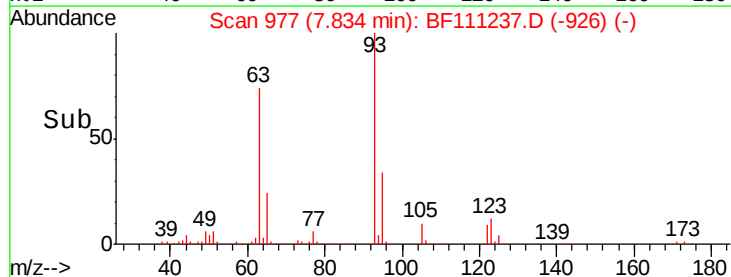
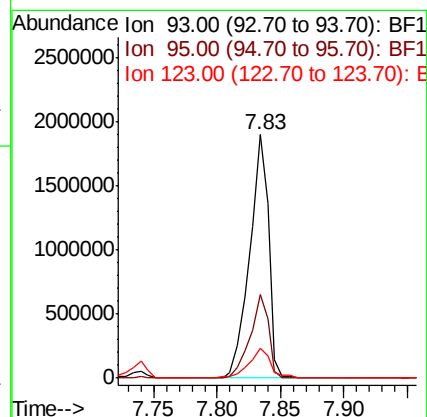
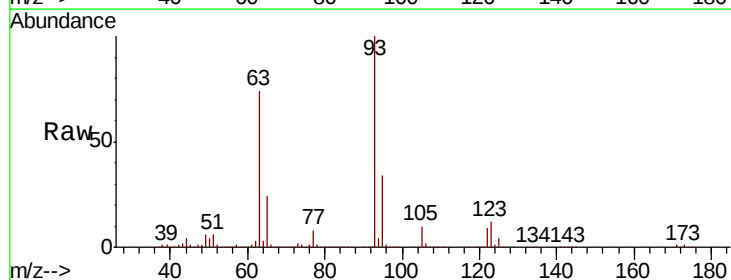
Tgt Ion: 93 Resp: 1968706

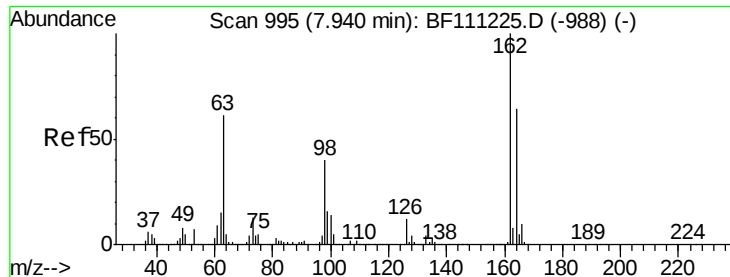
Ion Ratio Lower Upper

93 100

95 34.1 27.1 40.7

123 12.1 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 42.569 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Instrument :

BNA_F

ClientSampleId :

S1-0-0.5-BGSMDS

Tot Ion:162 Resp: 1331704

Ion Ratio Lower Upper

162 100

164 64.3 44.4 84.4

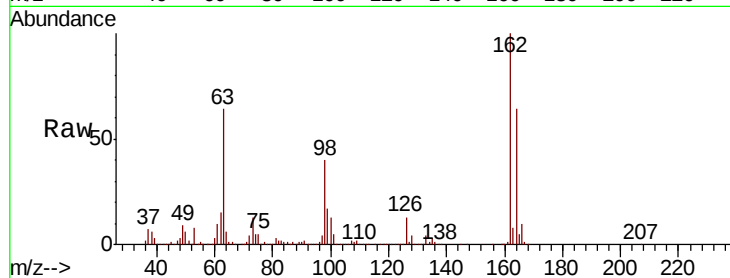
98 40.4 20.3 60.3

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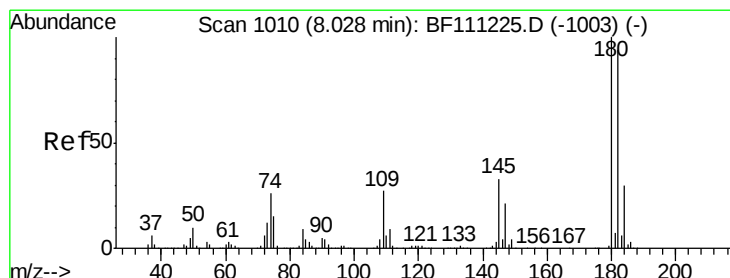
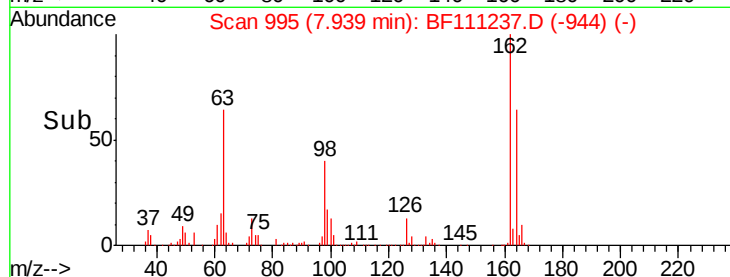
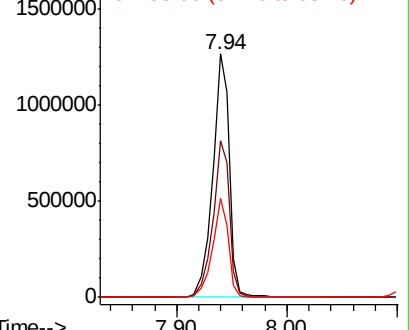
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 42.127 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

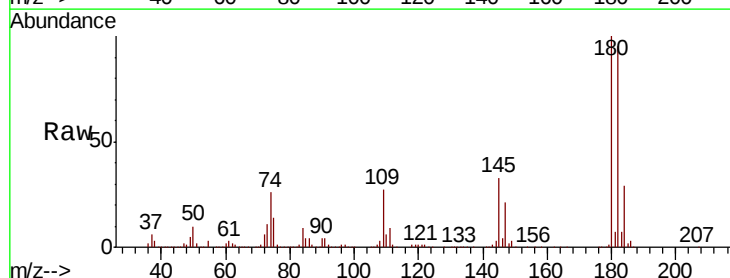
Tgt Ion:180 Resp: 1298142

Ion Ratio Lower Upper

180 100

182 94.7 75.6 113.4

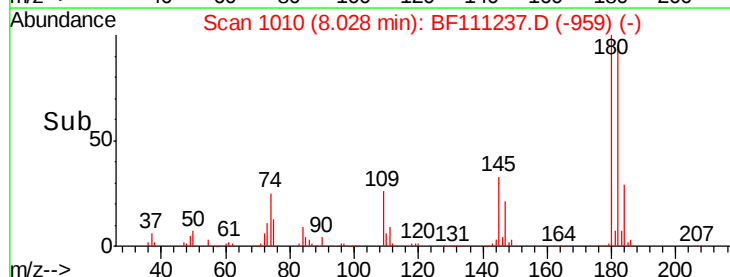
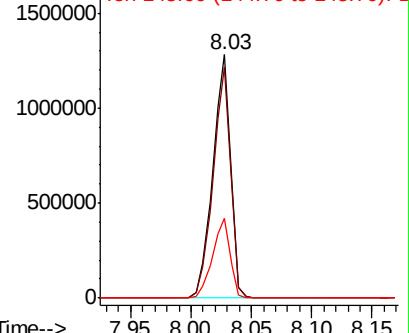
145 32.6 26.7 40.1

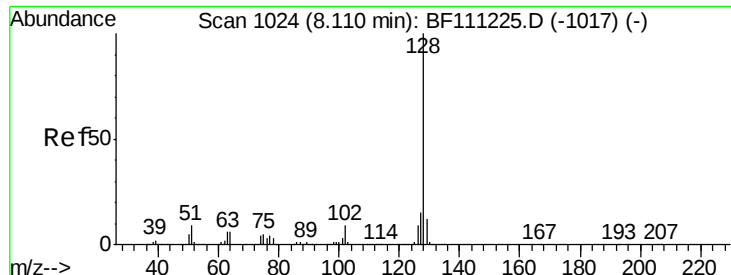


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





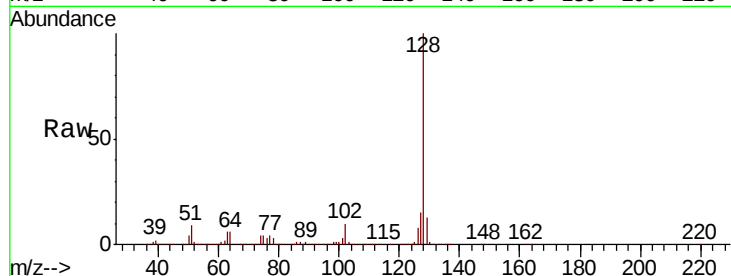
#31
Naphthalene
Concen: 45.776 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :
S1-0-0.5-BGSMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.8	14.8
127	14.6	12.0	18.0

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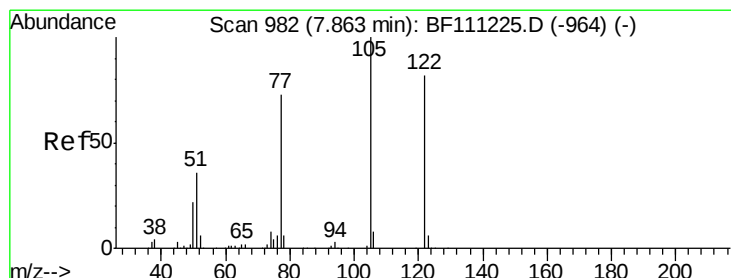
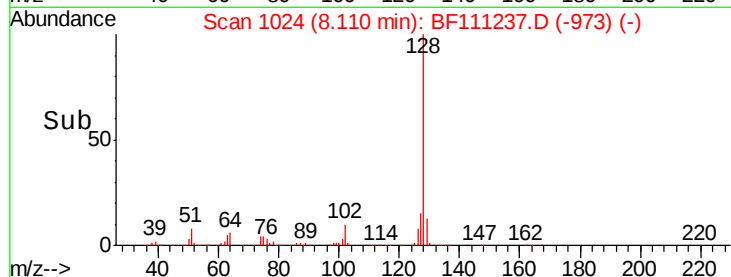
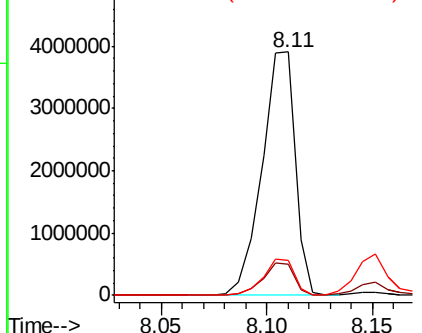


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 31.897 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

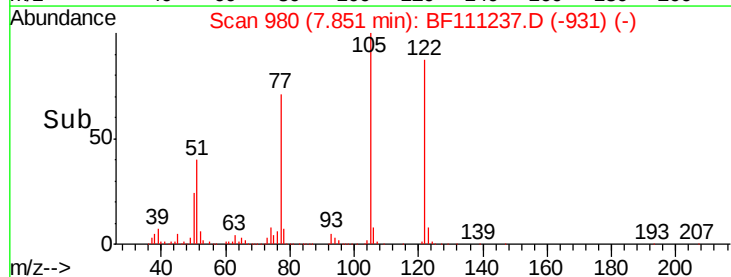
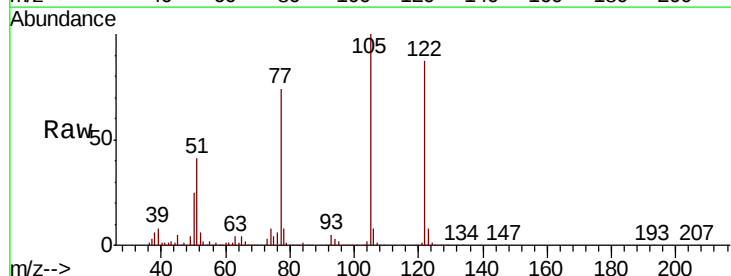
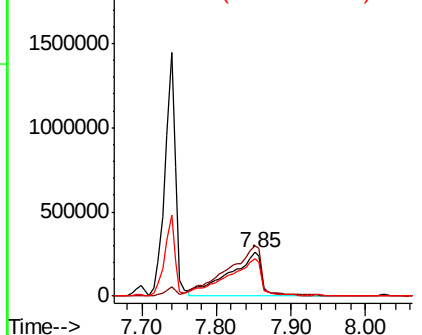
Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.3	97.0	137.0
77	85.8	65.7	105.7

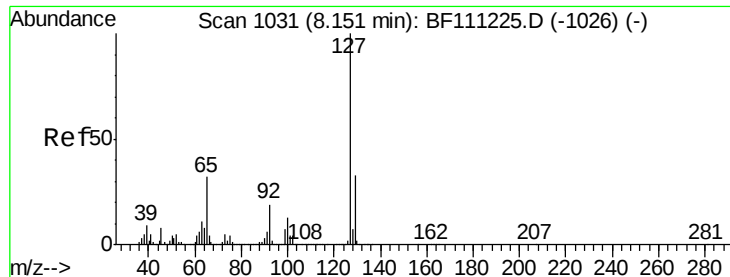
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





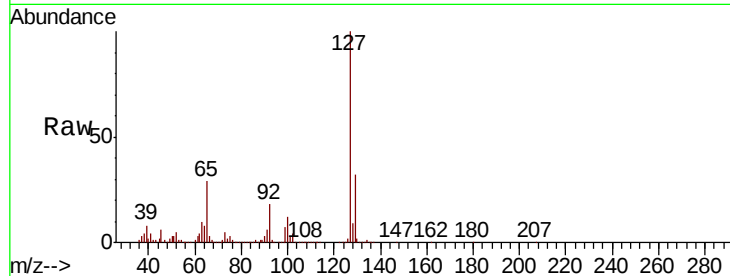
#33
4-Chloroaniline
Concen: 16.190 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :
S1-0-0.5-BGSMSD

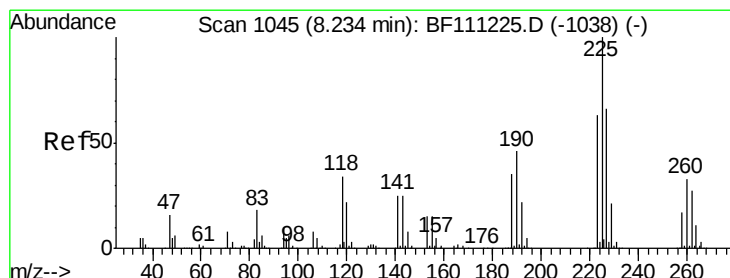
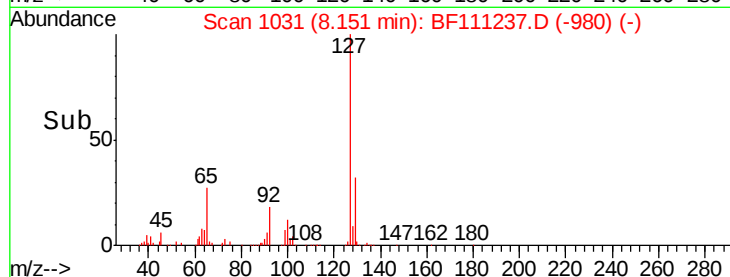
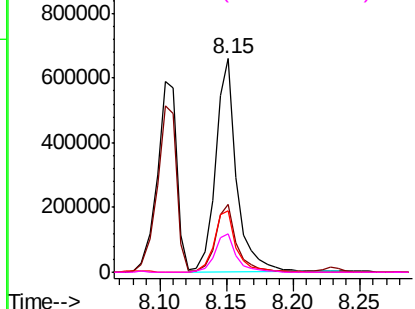
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		728842		
129	31.7	26.6	39.8		
65	28.5	25.7	38.5		
92	18.1	15.4	23.2		

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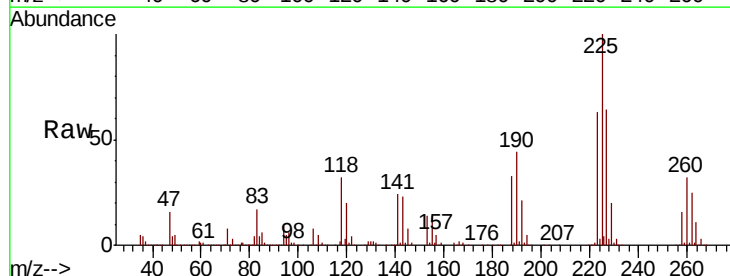


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

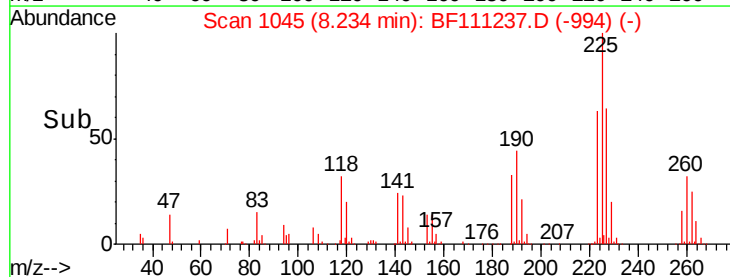
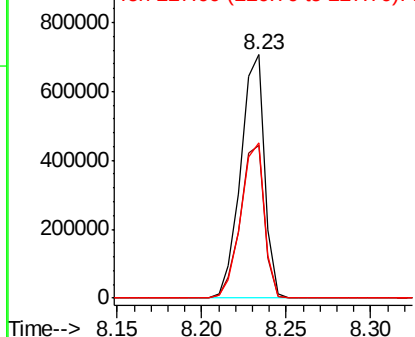


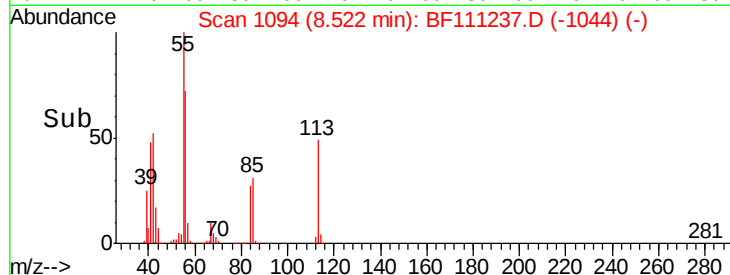
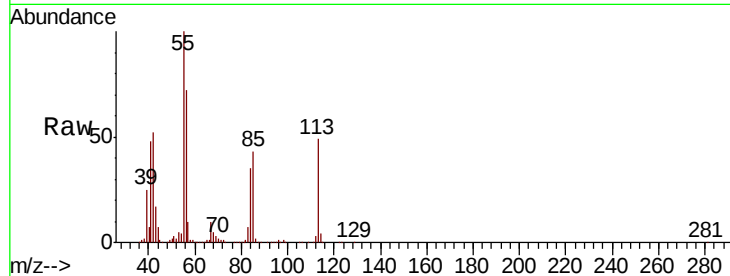
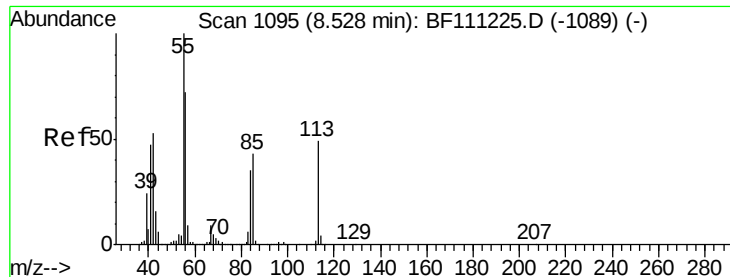
#34
Hexachlorobutadiene
Concen: 40.956 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		696668		
223	62.6	50.7	76.1		
227	63.6	52.6	78.8		



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





#35

Caprolactam

Concen: 45.143 ng m

RT: 8.52 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Tot Ion:	113	Resp:	500433
Ion Ratio	Lower	Upper	
113	100		
55	202.8	184.1	224.1
56	146.3	126.0	166.0

Instrument :

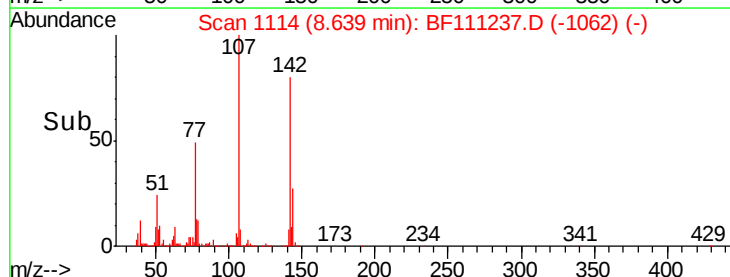
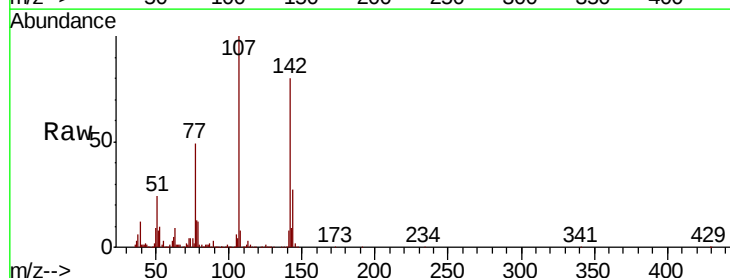
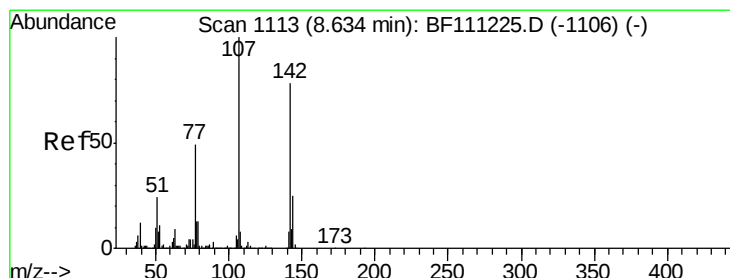
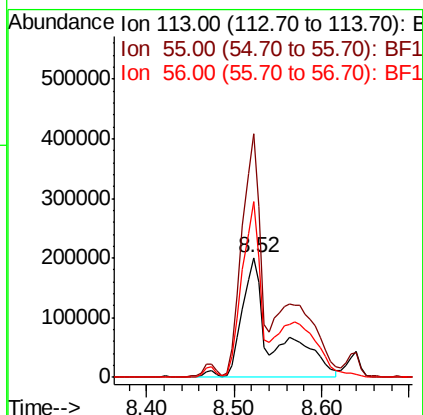
BNA_F

ClientSampleId :

S1-0-0.5-BGSMSD

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#36

4-Chloro-3-methylphenol

Concen: 48.126 ng

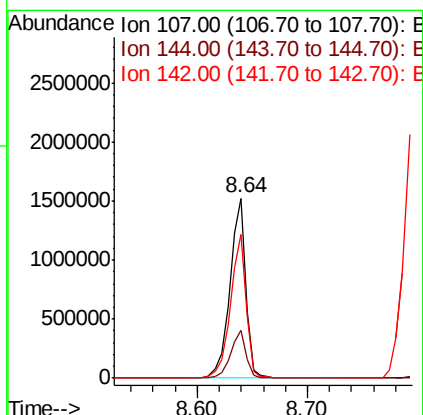
RT: 8.64 min Scan# 1114

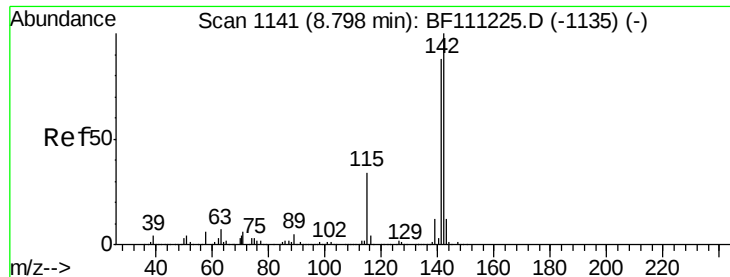
Delta R.T. 0.01 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Tgt Ion:	107	Resp:	1541476
Ion Ratio	Lower	Upper	
107	100		
144	26.6	19.8	29.6
142	79.7	62.3	93.5





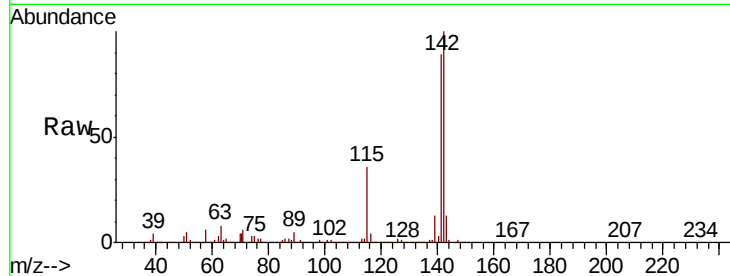
#37
2-Methylnaphthalene
Concen: 50.370 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :
S1-0-0.5-BGSMSD

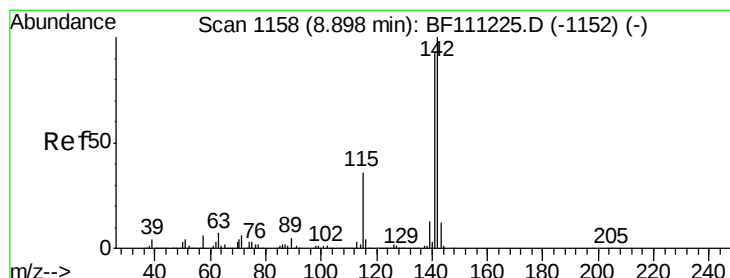
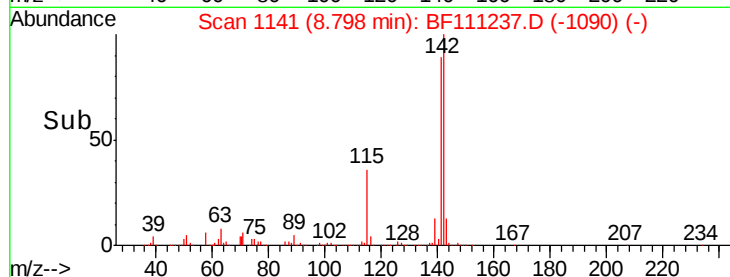
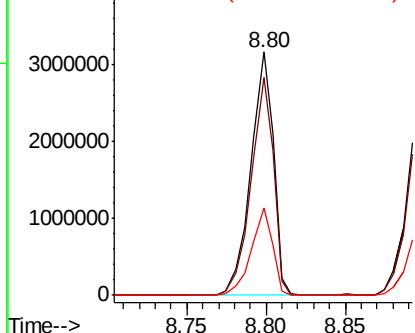
Tot Ion:142 Resp: 3134384
Ion Ratio Lower Upper
142 100
141 89.4 70.6 105.8
115 35.8 27.0 40.6

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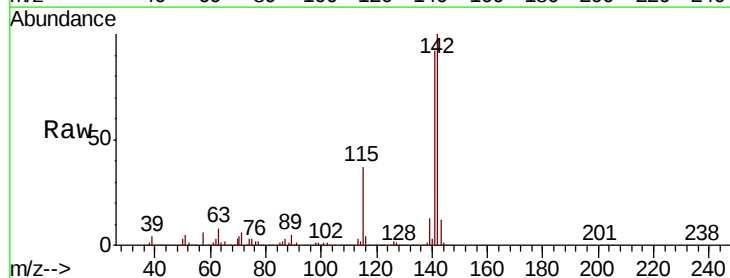


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

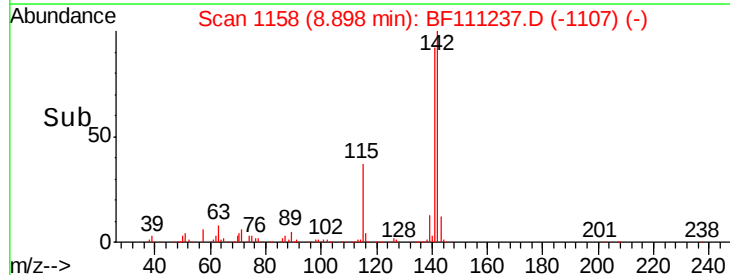
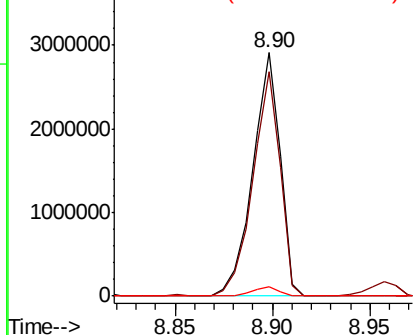


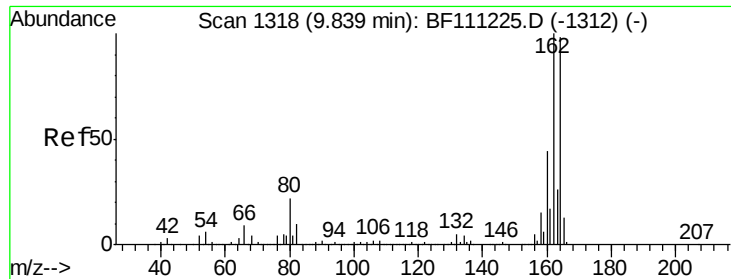
#38
1-Methylnaphthalene
Concen: 46.253 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion:142 Resp: 2818644
Ion Ratio Lower Upper
142 100
141 92.3 74.2 111.4
116 3.9 2.9 4.3



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





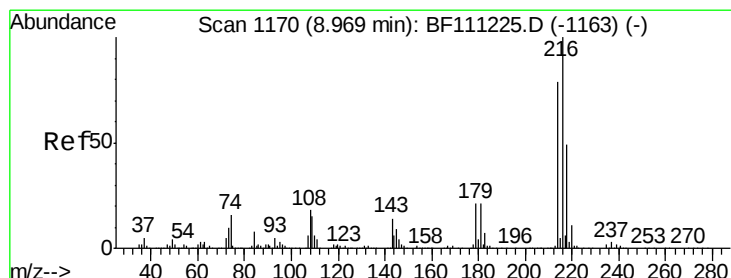
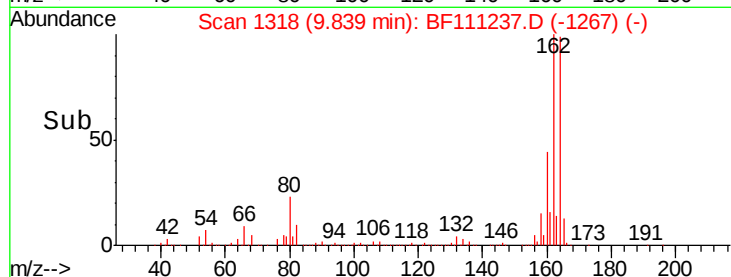
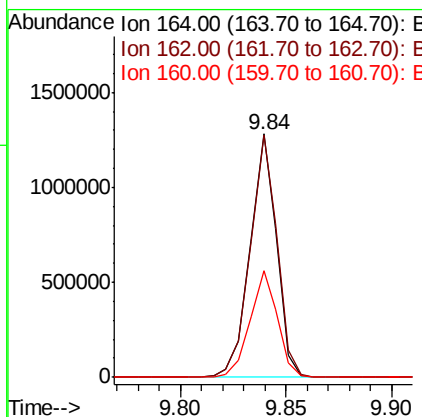
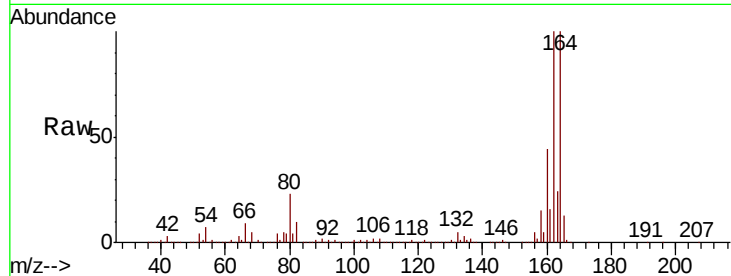
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :
S1-0-0.5-BGSMSD

Tot Ion:164 Resp: 1118967
Ion Ratio Lower Upper
164 100
162 99.8 81.4 122.0
160 43.8 35.7 53.5

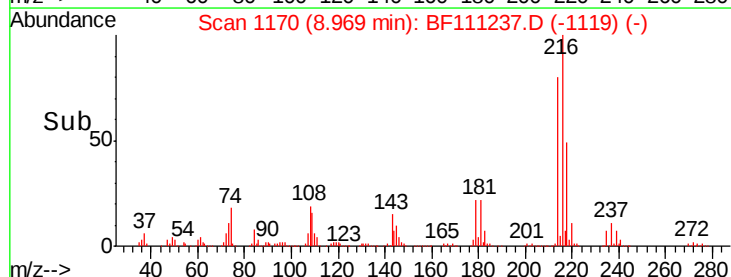
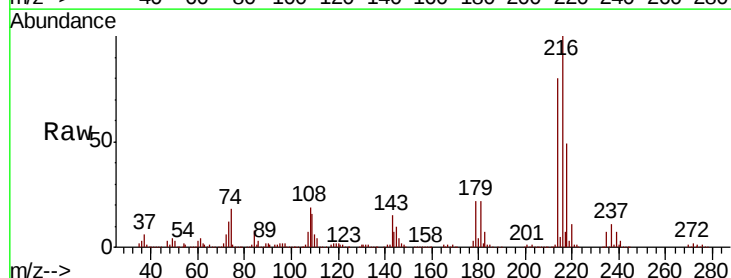
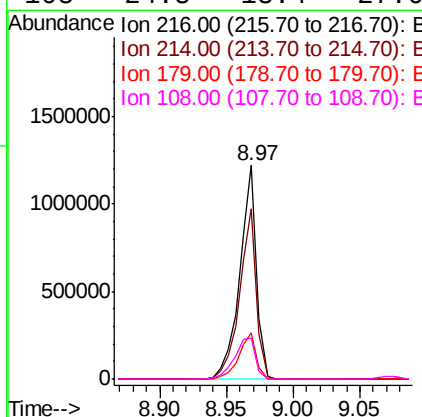
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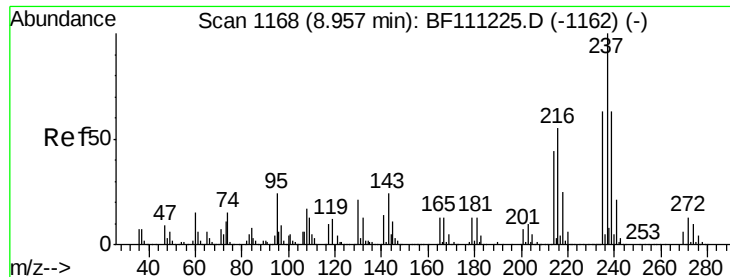
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.141 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion:216 Resp: 1063009
Ion Ratio Lower Upper
216 100
214 80.0 63.8 95.8
179 22.5 17.9 26.9
108 24.8 18.4 27.6





#41

Hexachlorocyclopentadiene

Concen: 67.744 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Instrument :

BNA_F

ClientSampleId :

S1-0-0.5-BGSMSD

Tot Ion:237 Resp: 1201213

Ion Ratio Lower Upper

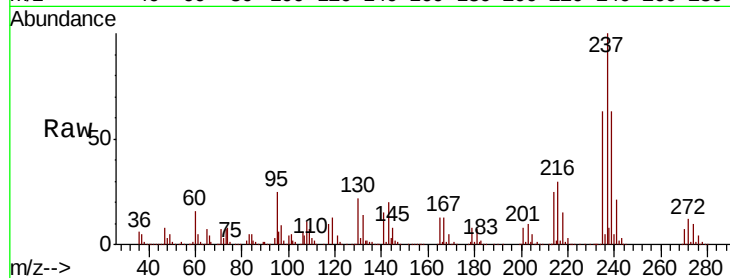
237 100

235 63.0 43.1 83.1

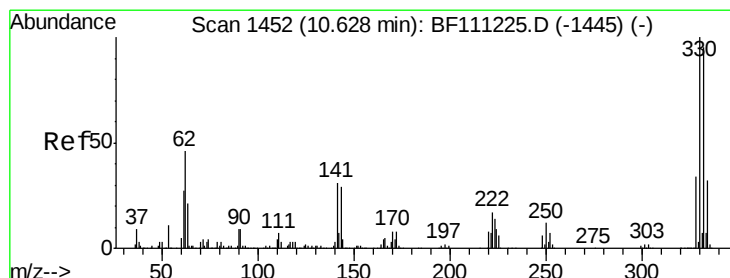
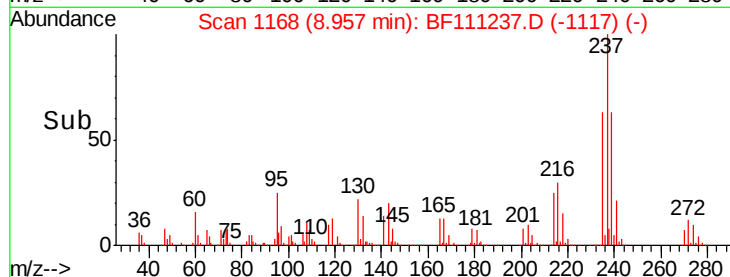
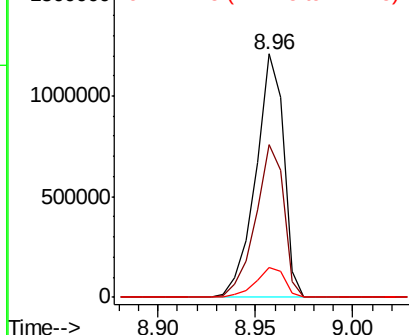
272 12.3 0.0 33.0

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



#42

2,4,6-Tribromophenol

Concen: 106.093 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

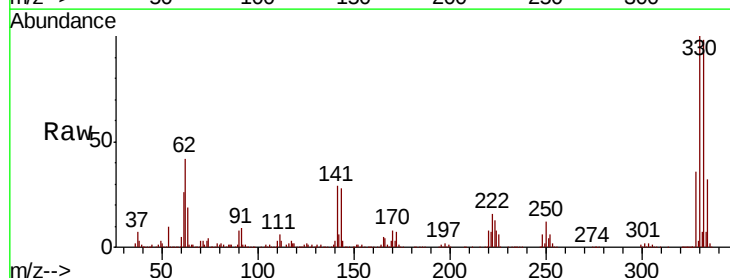
Tgt Ion:330 Resp: 1051588

Ion Ratio Lower Upper

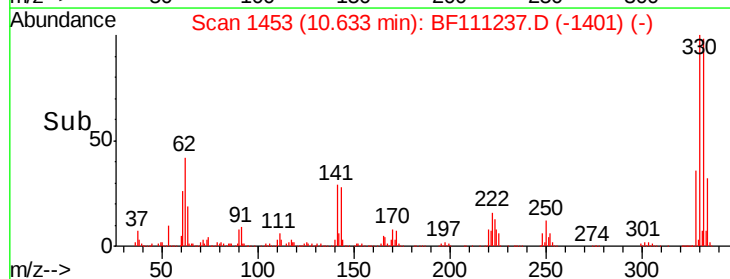
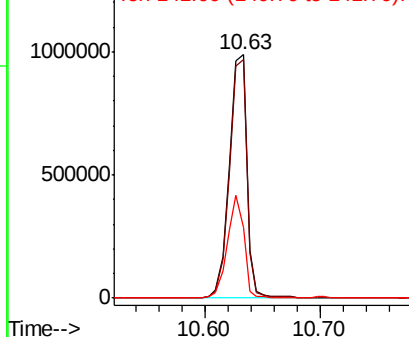
330 100

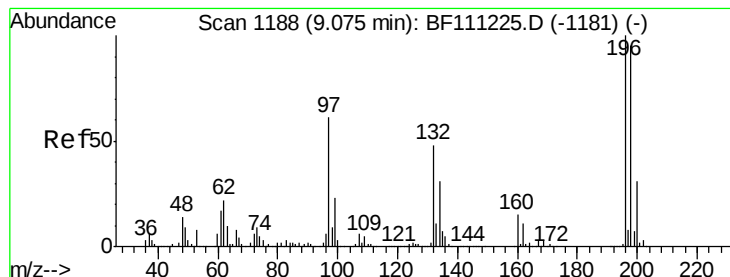
332 96.4 76.0 114.0

141 39.3 31.0 46.6



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





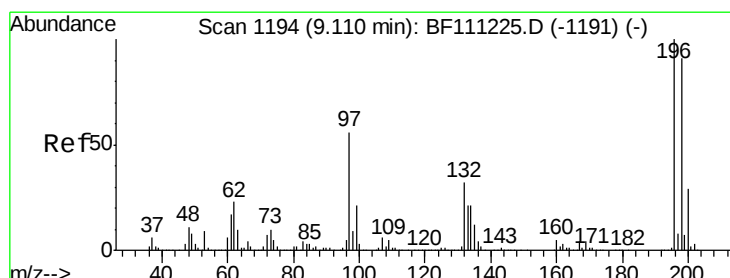
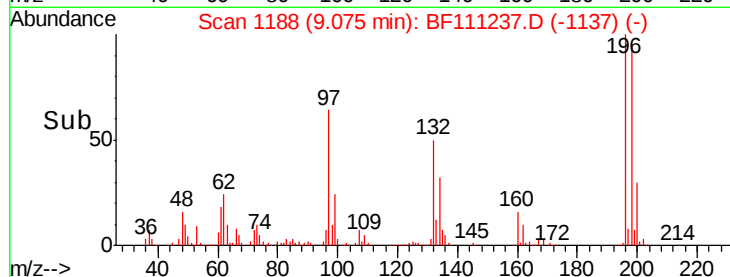
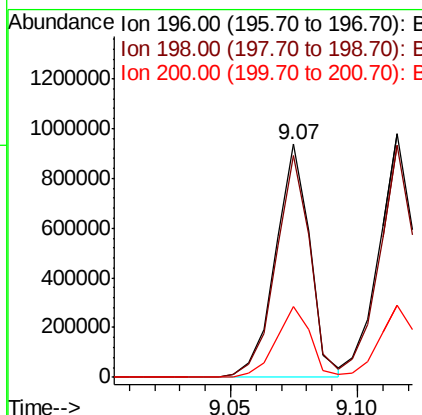
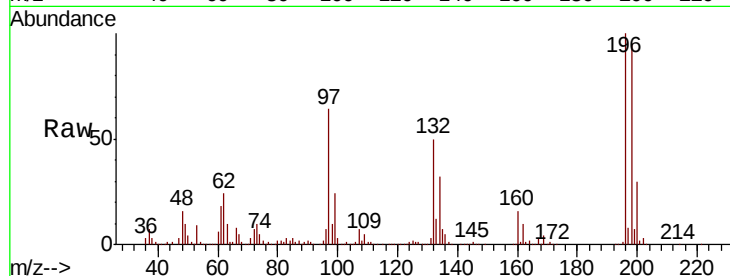
#43
 2,4,6-Trichlorophenol
 Concen: 37.609 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF111237.D
 Acq: 10 Dec 2018 12:50

Instrument :
 BNA_F
 ClientSampleId :
 S1-0-0.5-BGSMSD

Tot Ion:	196	Resp:	878966
Ion Ratio	Lower	Upper	
196	100		
198	94.9	76.3	114.5
200	30.2	24.9	37.3

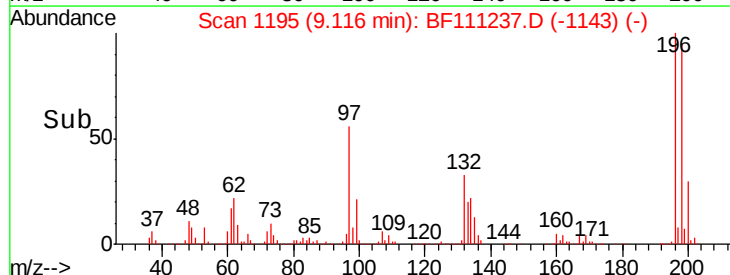
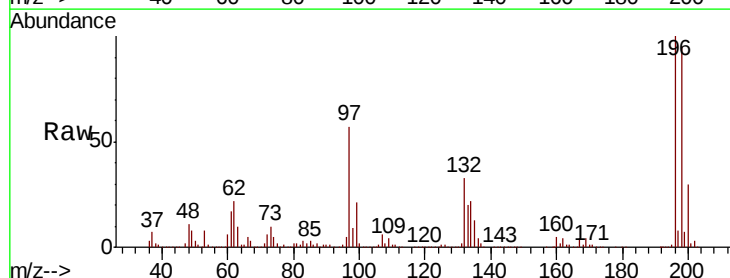
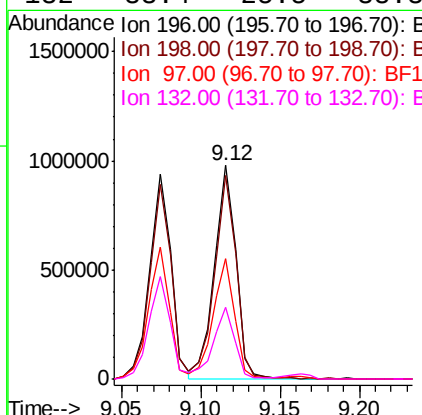
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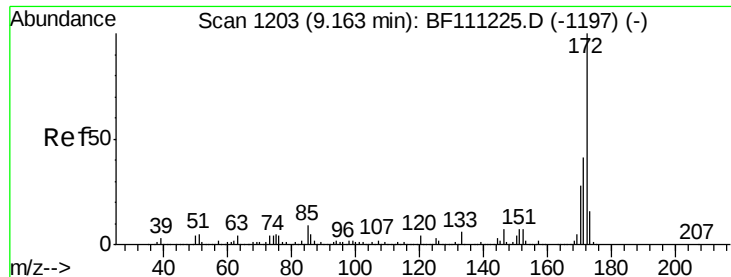
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 12/11/2018 8:42:26 AM



#44
 2,4,5-Trichlorophenol
 Concen: 38.101 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF111237.D
 Acq: 10 Dec 2018 12:50

Tgt Ion:	196	Resp:	927621
Ion Ratio	Lower	Upper	
196	100		
198	95.2	72.9	109.3
97	56.5	45.3	67.9
132	33.4	25.5	38.3





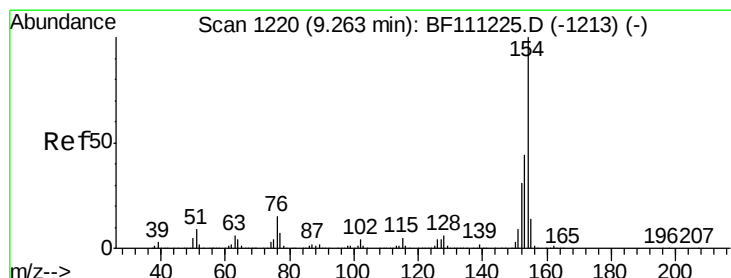
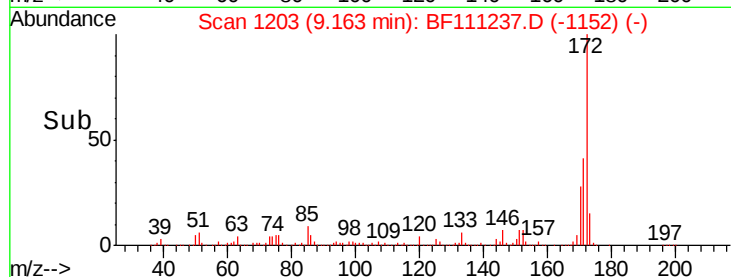
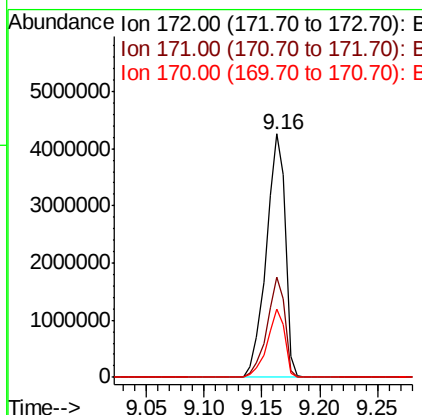
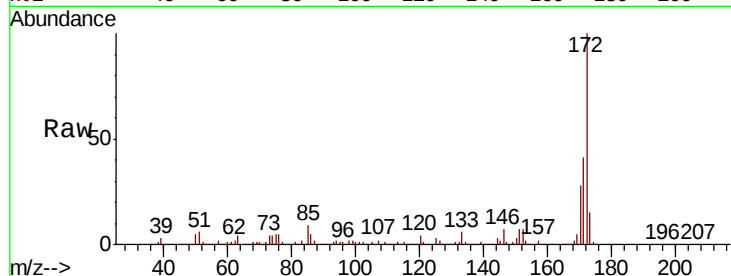
#45
2-Fluorobiphenyl
Concen: 73.662 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :
S1-0-0.5-BGSMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.4	33.0	49.4
170	28.0	22.3	33.5

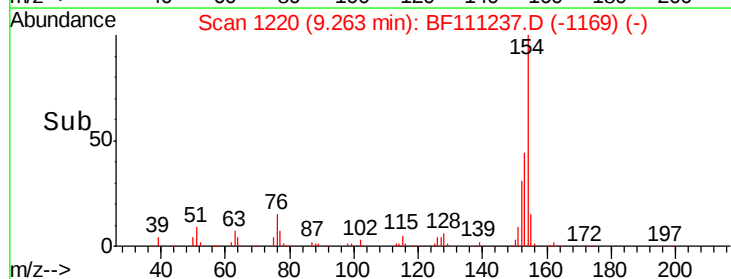
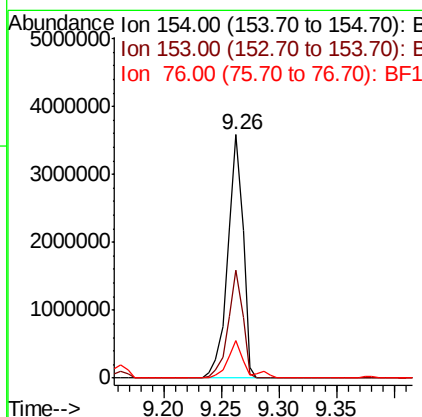
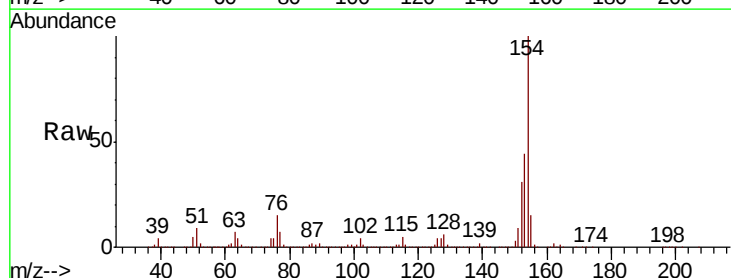
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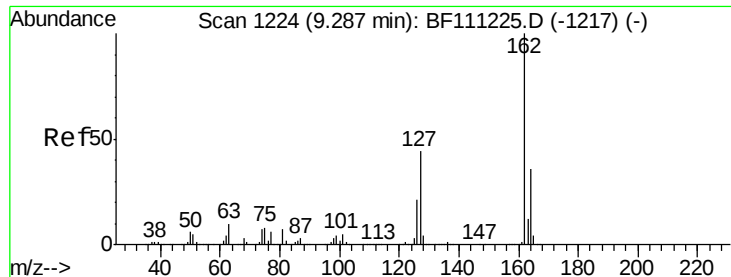
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#46
1,1'-Biphenyl
Concen: 35.020 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.4	23.7	63.7
76	15.2	0.0	35.0





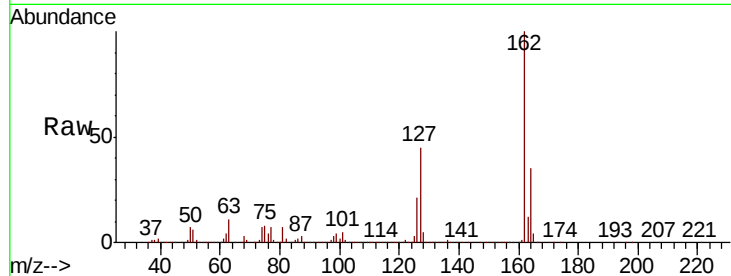
#47
 2-Chloronaphthalene
 Concen: 35.855 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF111237.D
 Acq: 10 Dec 2018 12:50

Instrument :
 BNA_F
 ClientSampleId :
 S1-0-0.5-BGSMDS

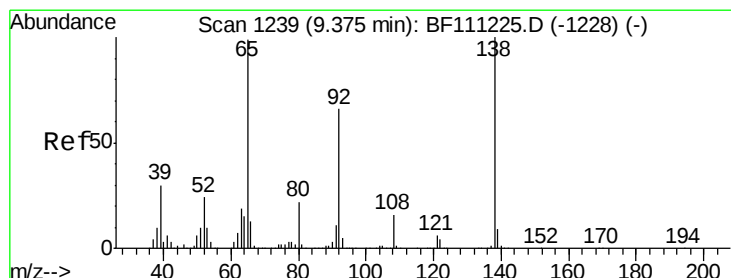
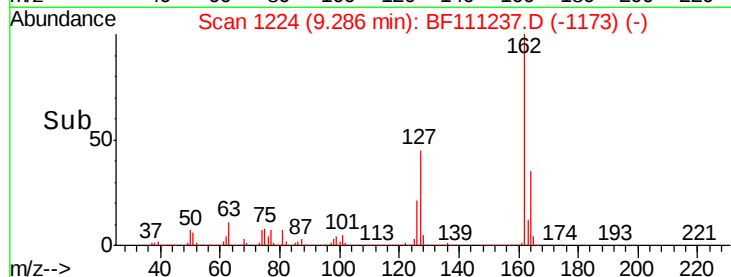
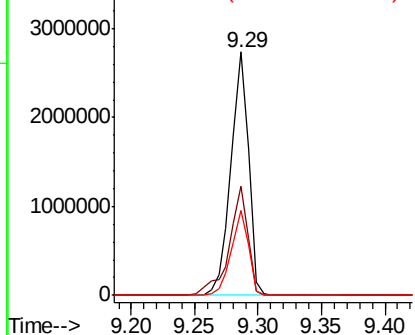
Tot Ion	Ratio	Lower	Upper
162	100		
127	44.7	35.0	52.4
164	34.8	28.4	42.6

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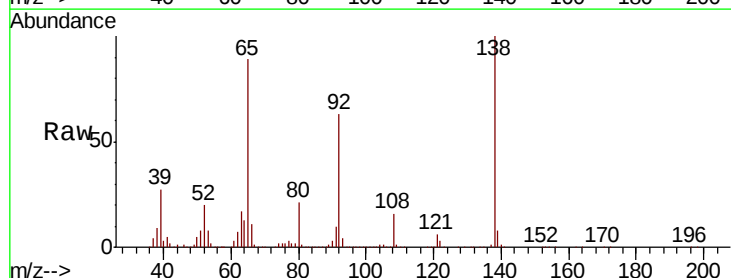


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

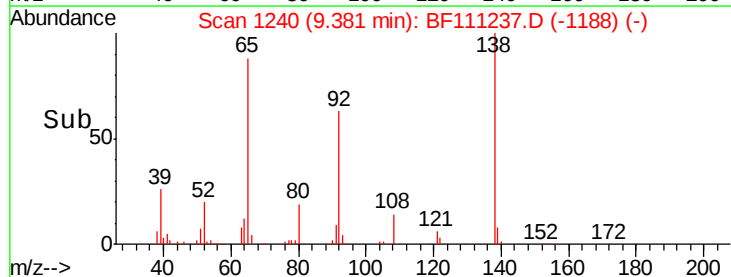
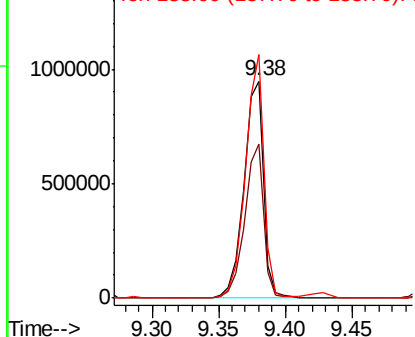


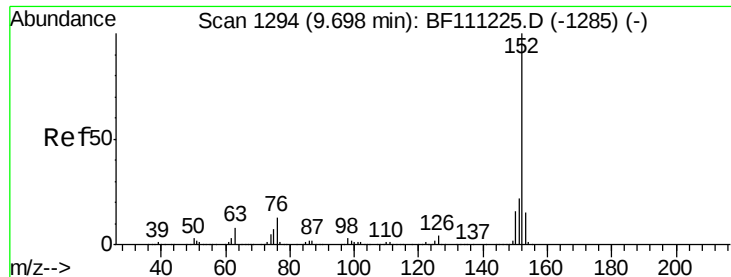
#48
 2-Nitroaniline
 Concen: 38.290 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: BF111237.D
 Acq: 10 Dec 2018 12:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.9	53.5	80.3
138	112.2	80.9	121.3



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





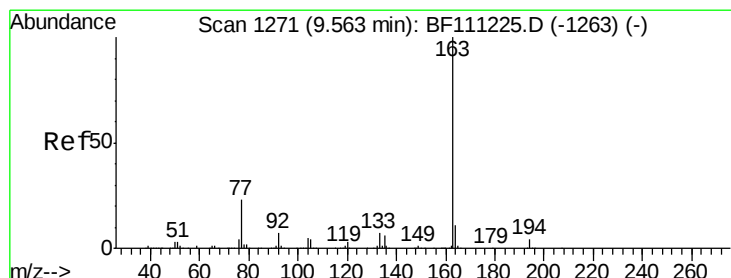
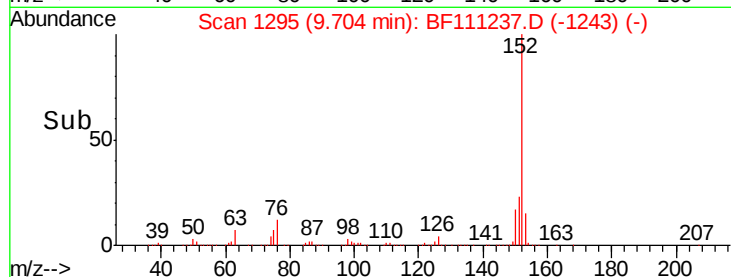
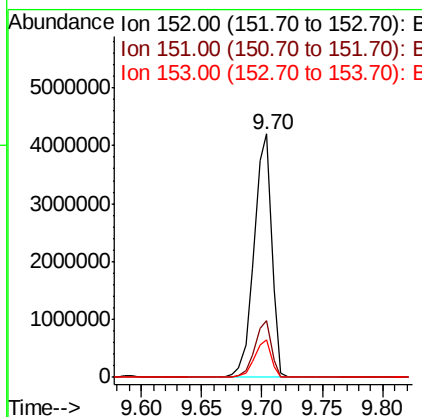
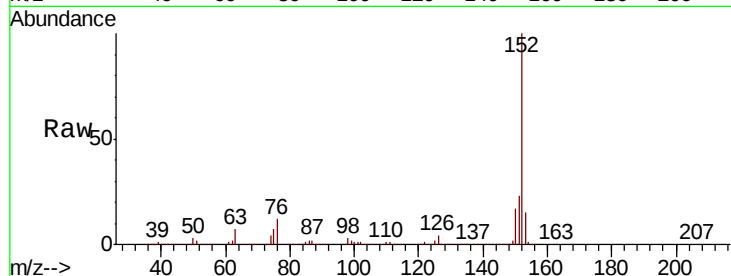
#49
Acenaphthylene
Concen: 40.629 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :
S1-0-0.5-BGSMSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	23.3	18.0	27.0
153	15.4	12.3	18.5

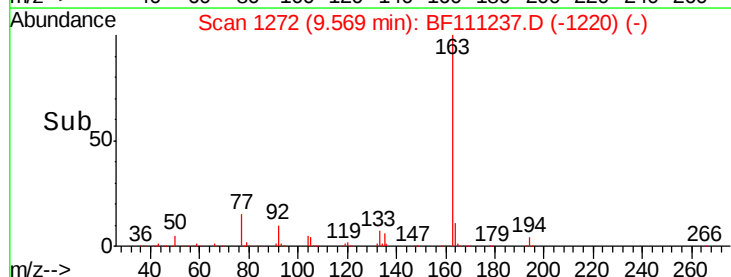
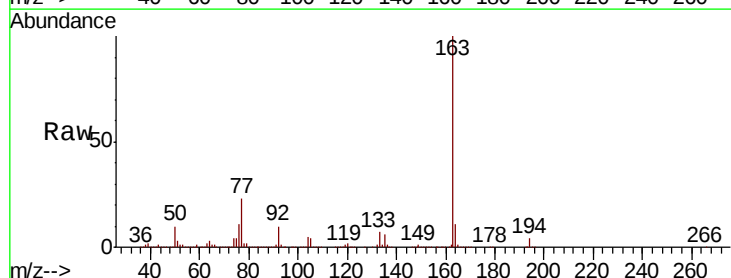
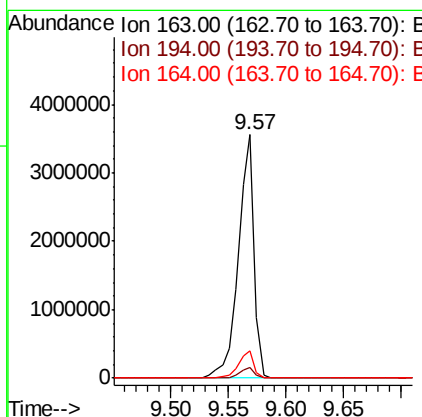
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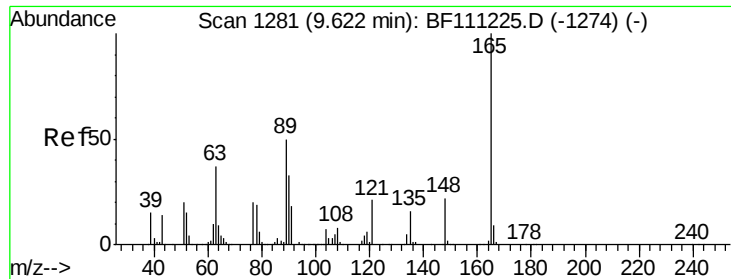
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#50
Dimethylphthalate
Concen: 40.290 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	11.2	8.9	13.3





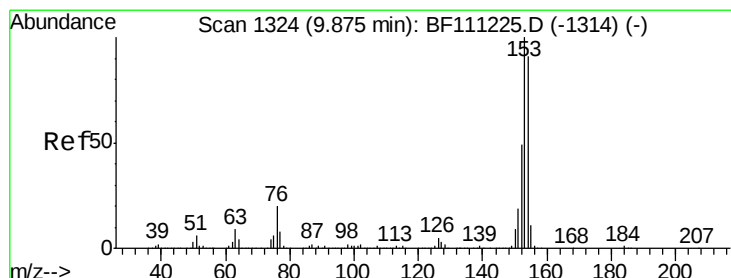
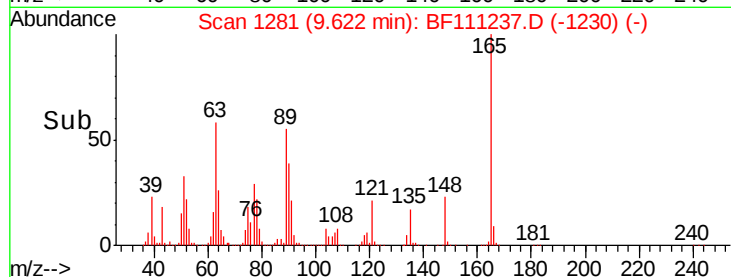
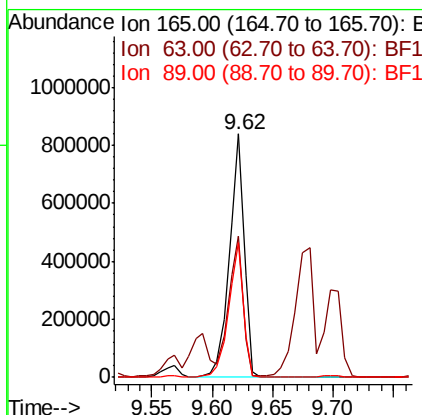
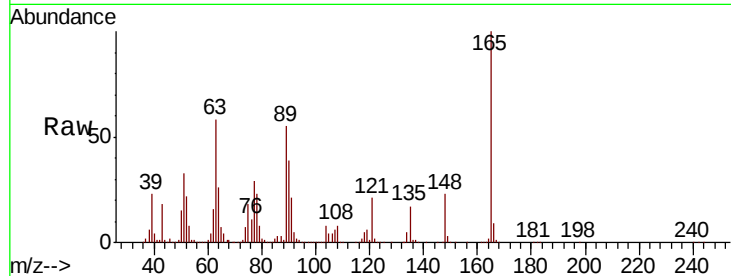
#51
2,6-Dinitrotoluene
Concen: 39.402 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :
S1-0-0.5-BGSMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.0	40.5	60.7
89	55.2	40.0	60.0

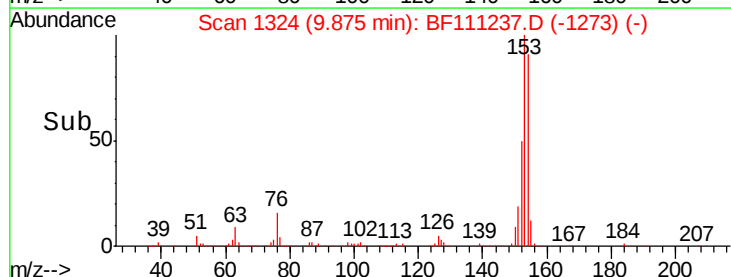
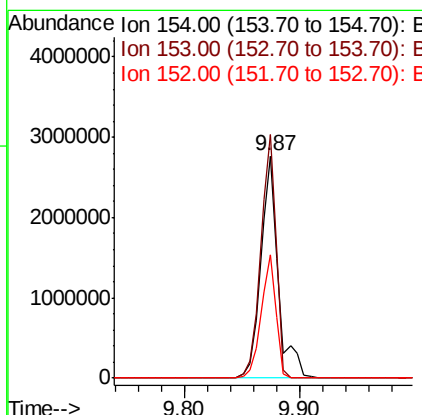
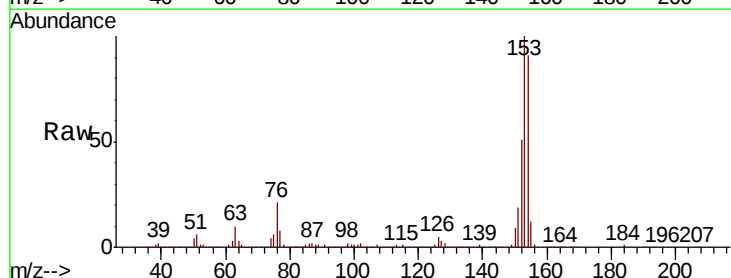
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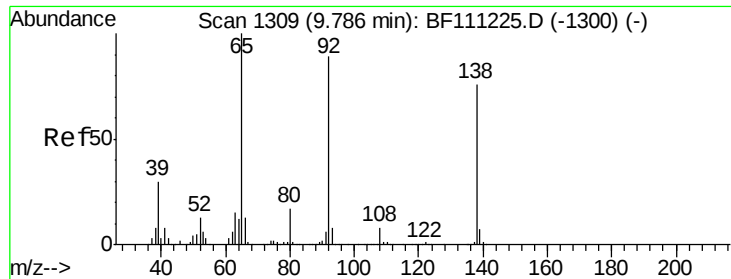
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#52
Acenaphthene
Concen: 43.933 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.6	87.8	131.8
152	55.5	43.4	65.2





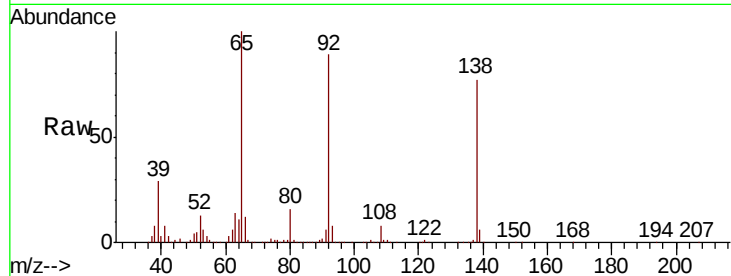
#53
3-Nitroaniline
Concen: 25.423 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :
S1-0-0.5-BGSMSD

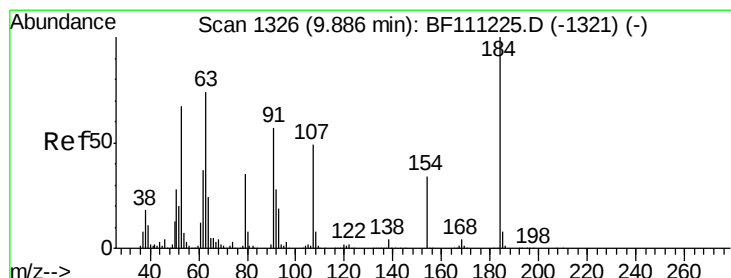
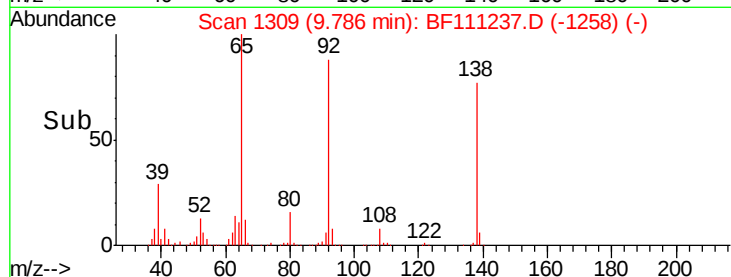
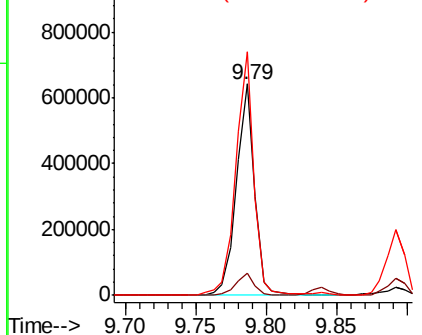
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.2	12.4
92	115.1	93.4	140.2

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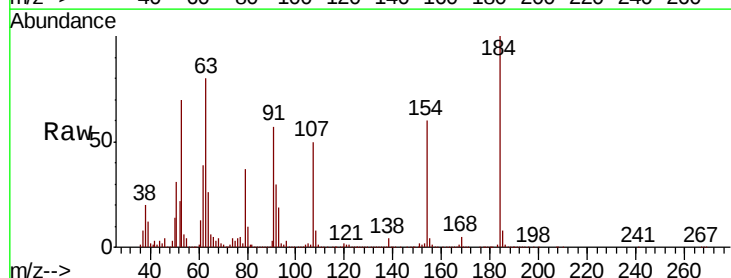


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

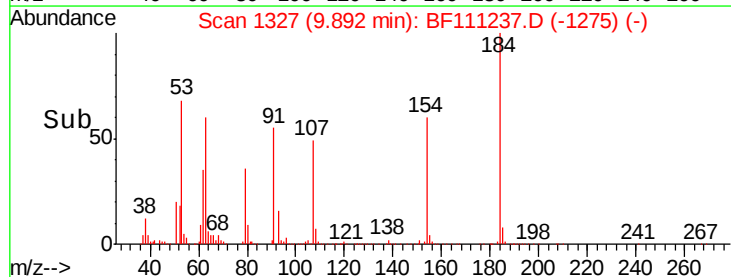
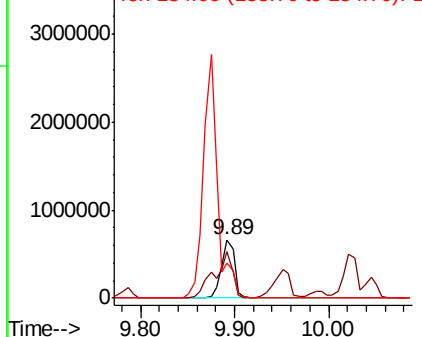


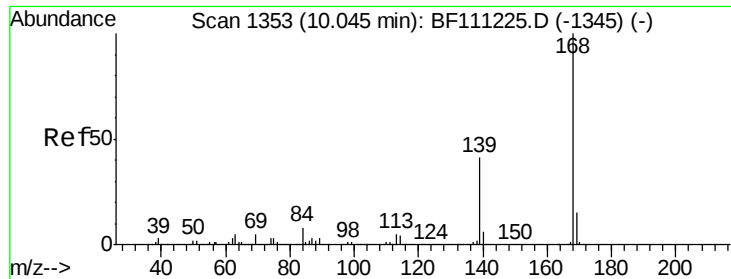
#54
2,4-Dinitrophenol
Concen: 91.316 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion	Ratio	Lower	Upper
184	100		
63	79.8	62.3	93.5
154	60.2	56.2	84.2



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





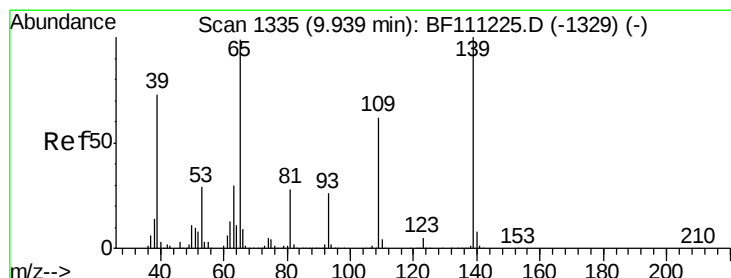
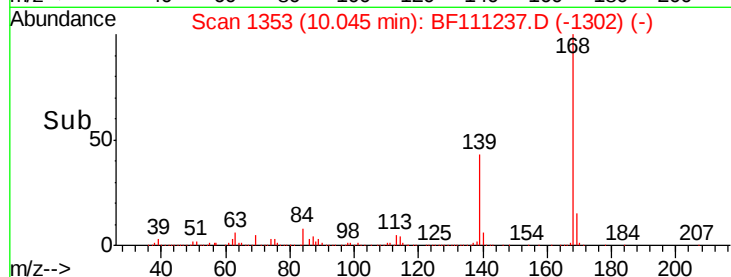
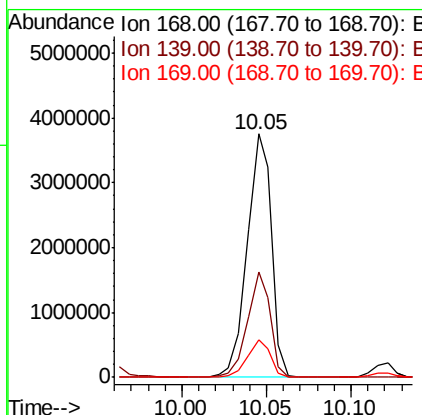
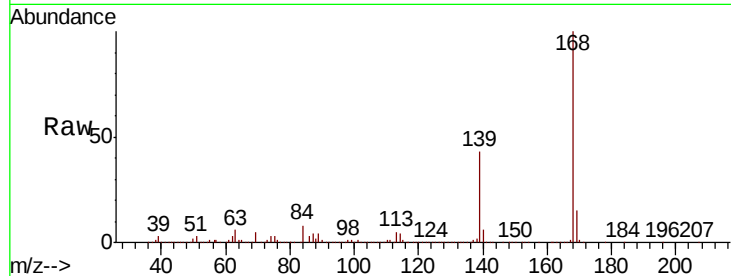
#55
Dibenzenofuran
Concen: 41.574 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :
S1-0-0.5-BGSMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.3	32.6	49.0
169	15.3	11.8	17.6

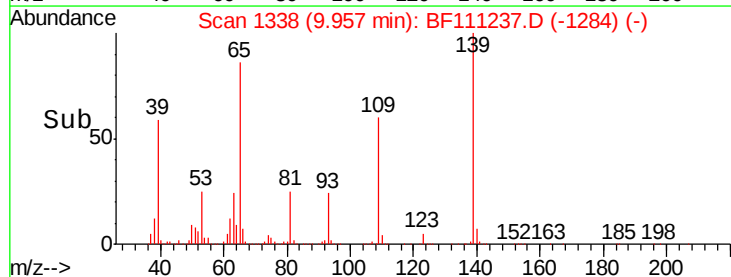
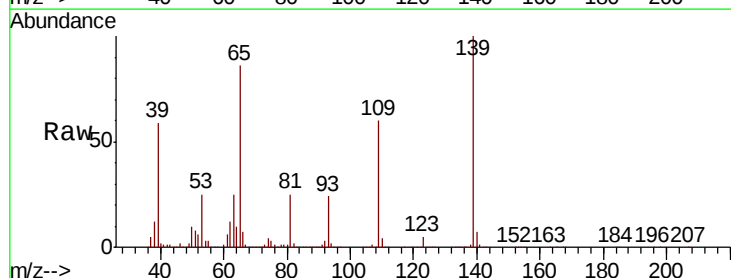
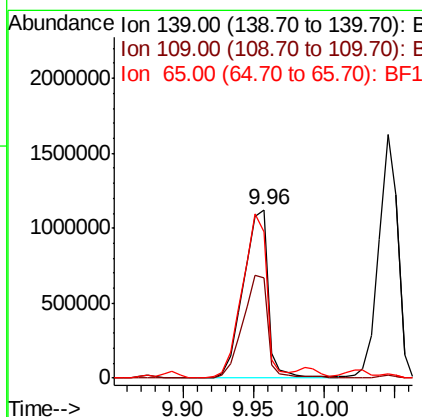
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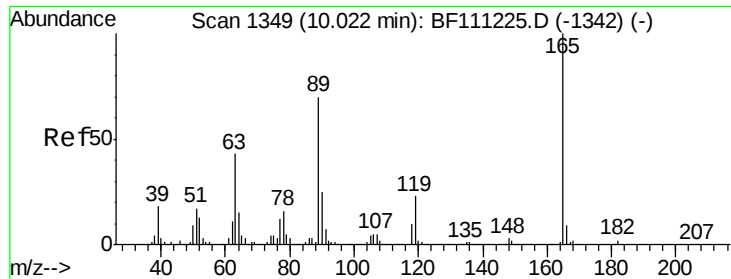
Sohil
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#56
4-Nitrophenol
Concen: 79.105 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.02 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	59.6	41.8	81.8
65	86.4	79.6	119.6





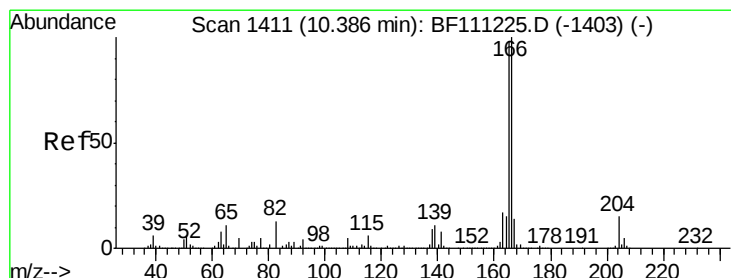
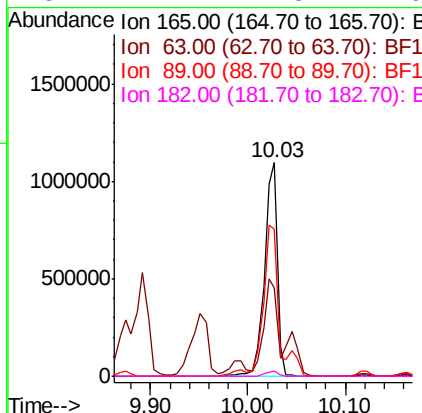
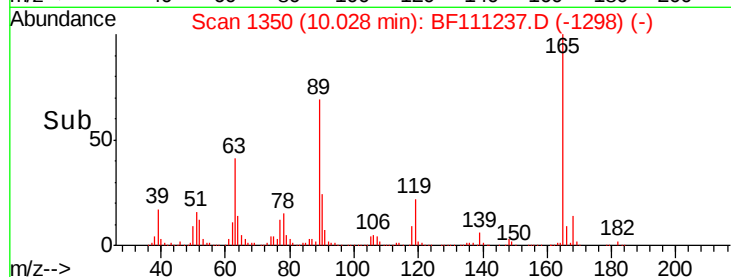
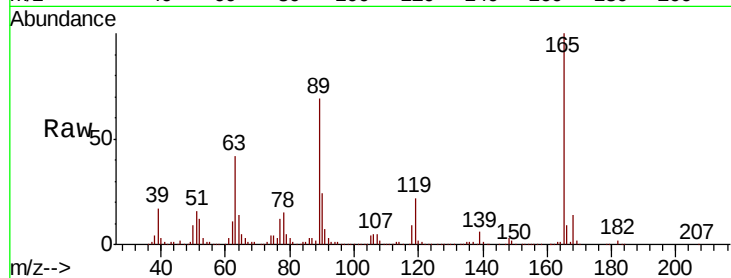
#57
2,4-Dinitrotoluene
Concen: 46.074 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :
S1-0-0.5-BGSMDS

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.6	34.6	52.0
89	68.7	56.2	84.4
182	2.4	1.8	2.6

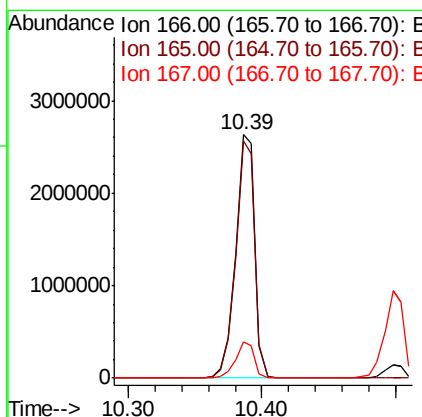
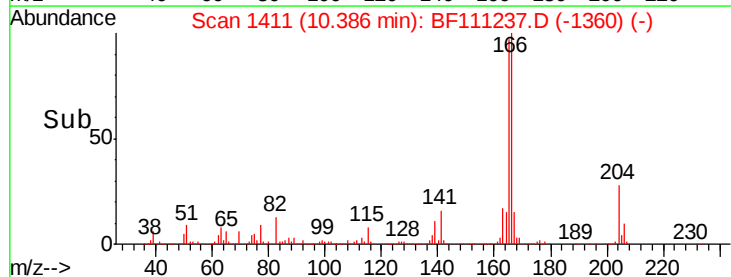
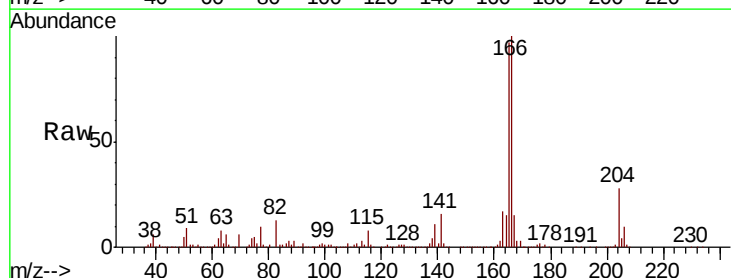
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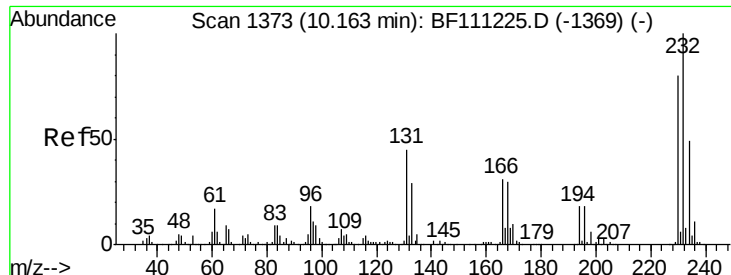
Sohil
12/11/2018 8:42:26 AM



#58
Fluorene
Concen: 37.578 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.4	117.6
167	14.7	11.2	16.8





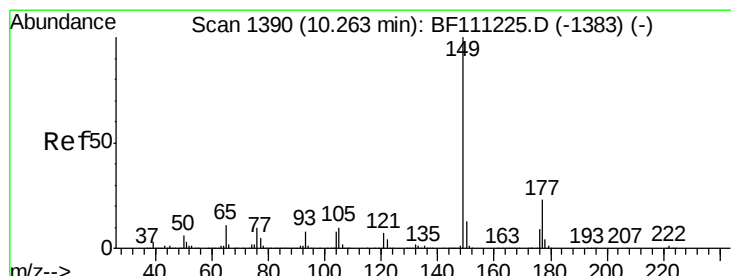
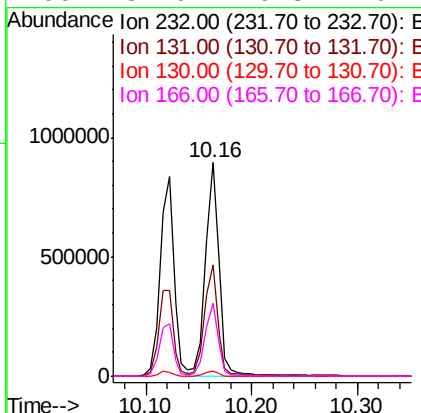
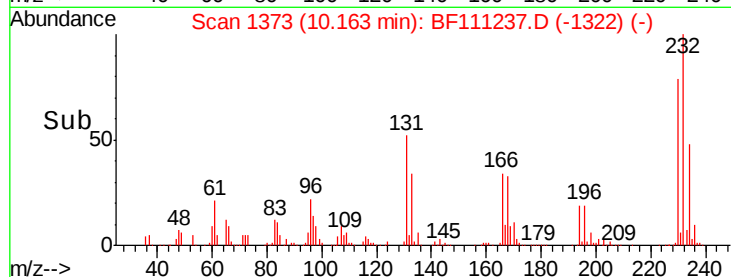
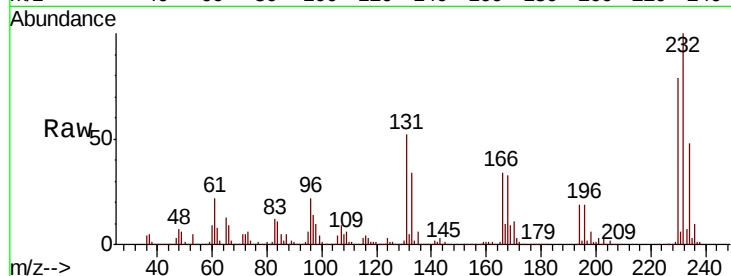
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.358 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :
S1-0-0.5-BGSMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	50.9	40.9	61.3
130	2.5	2.0	3.0
166	32.9	26.8	40.2

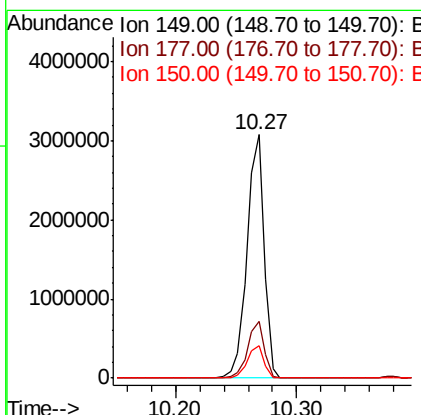
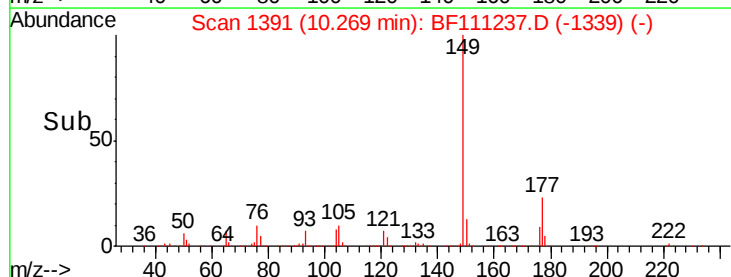
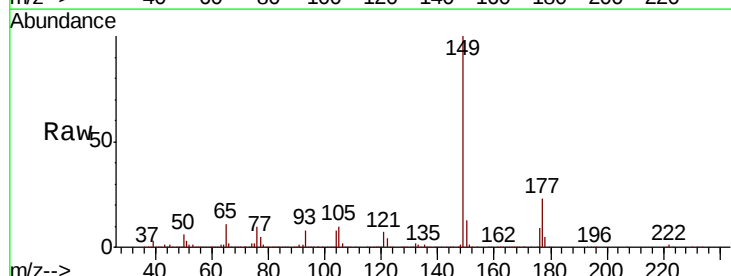
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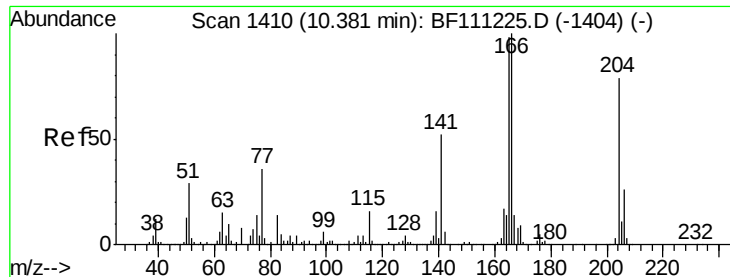
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#60
Diethylphthalate
Concen: 38.943 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.3	27.5
150	13.1	10.6	15.8





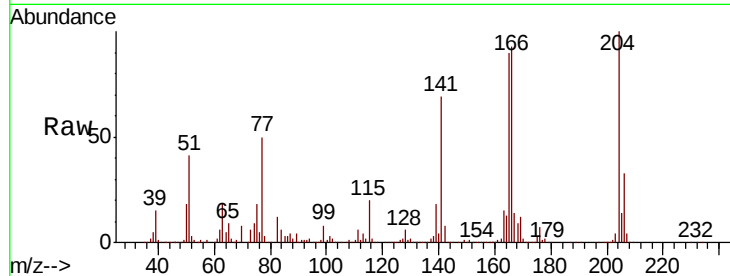
#61
4-Chlorophenyl-phenylether
Concen: 33.942 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :
S1-0-0.5-BGSMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	39.8
141	68.5	52.6	78.8

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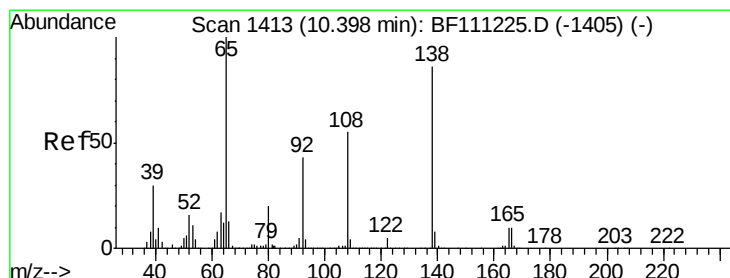
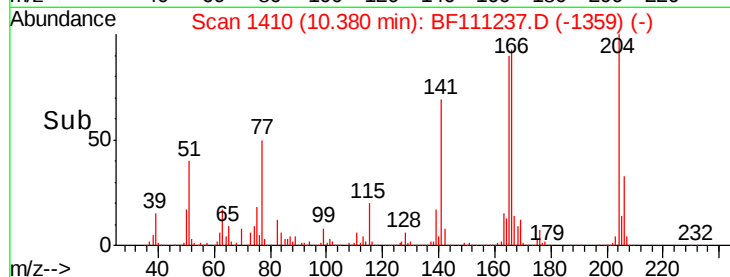
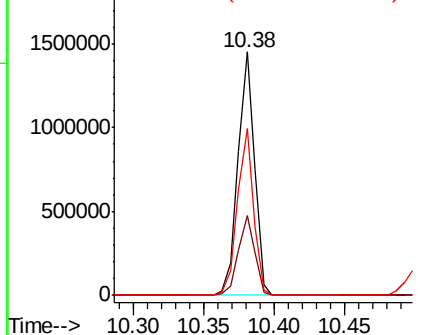


Abundance

Ion 204.00 (203.70 to 204.70): E

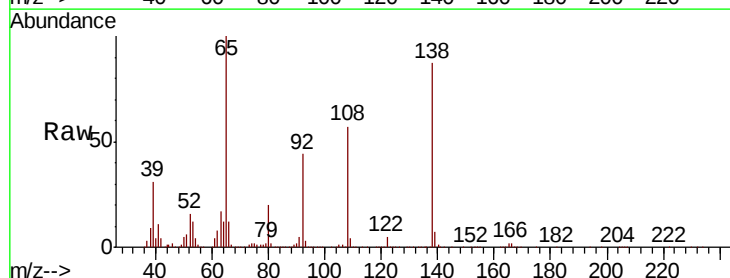
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 36.151 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.7	29.9	69.9
108	65.6	43.2	83.2

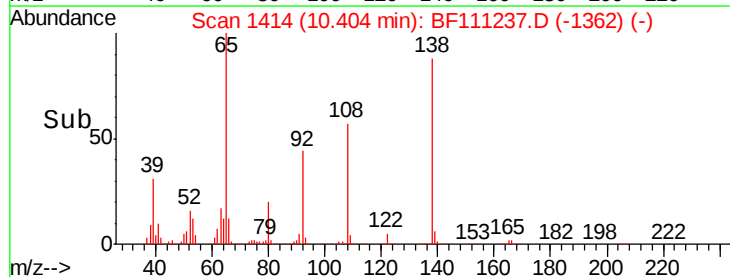
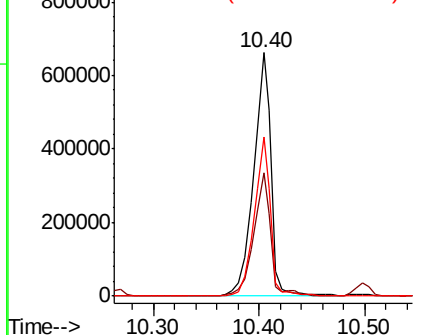


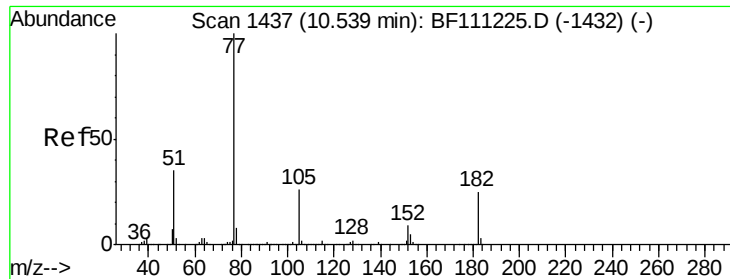
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





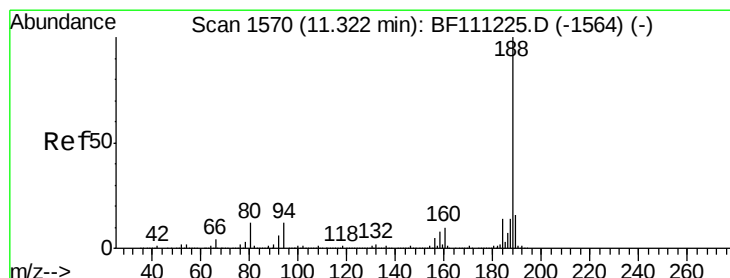
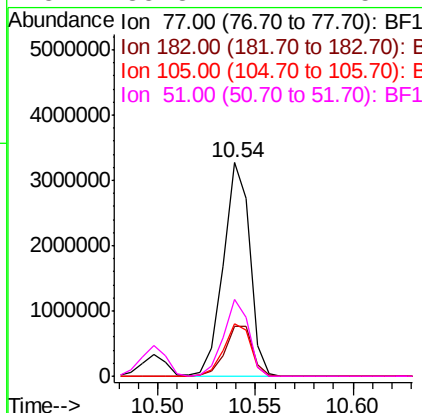
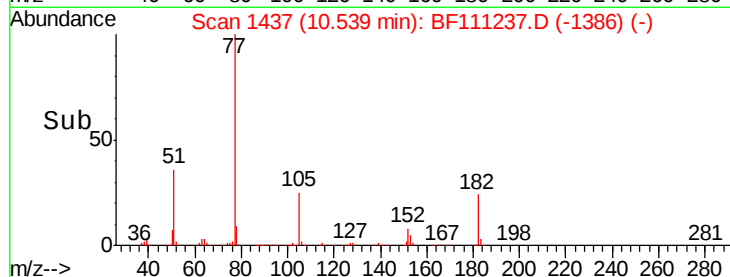
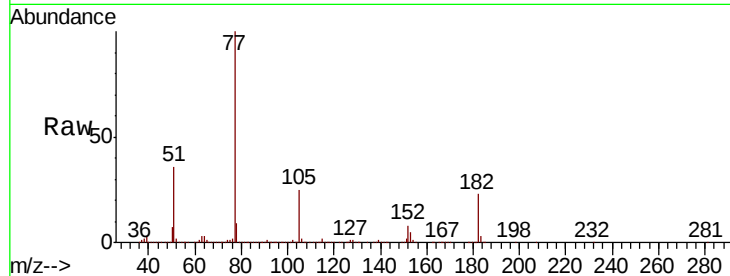
#63
Azobenzene
Concen: 37.522 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :
S1-0-0.5-BGSMSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.5	4.9	44.9	
105	24.6	6.0	46.0	
51	35.8	14.7	54.7	

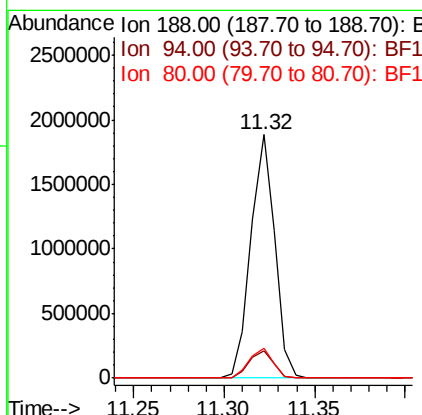
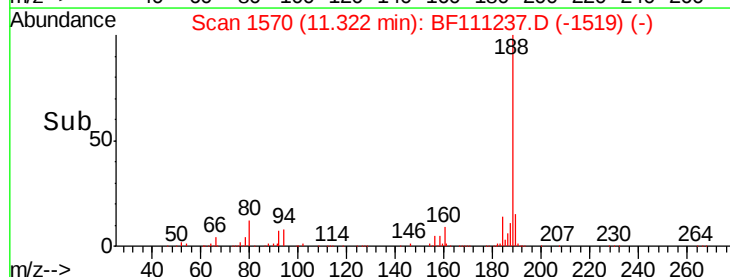
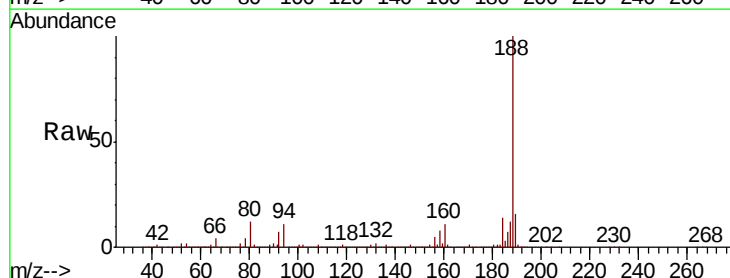
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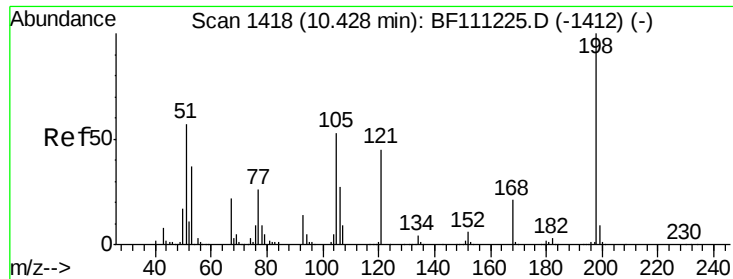
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	11.5	9.6	14.4	
80	12.2	9.8	14.6	





#65

4,6-Dinitro-2-methylphenol

Concen: 39.248 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Instrument :

BNA_F

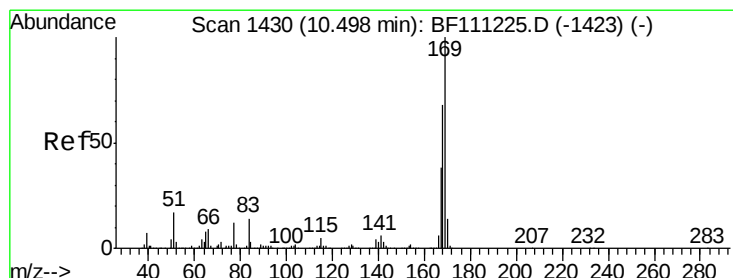
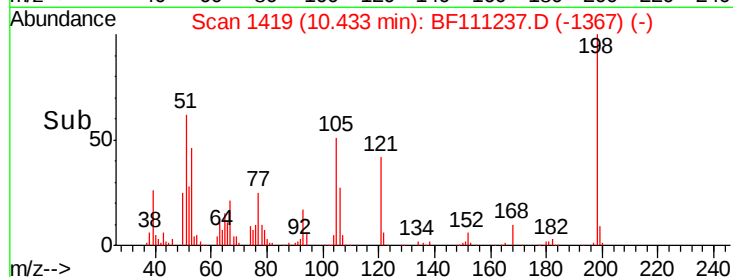
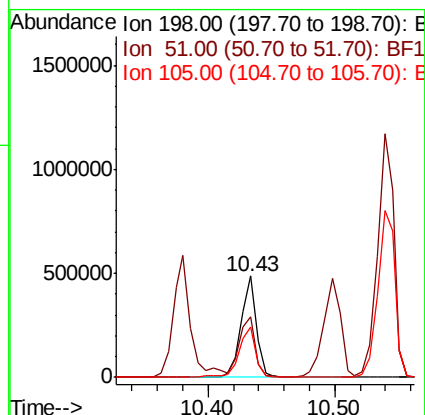
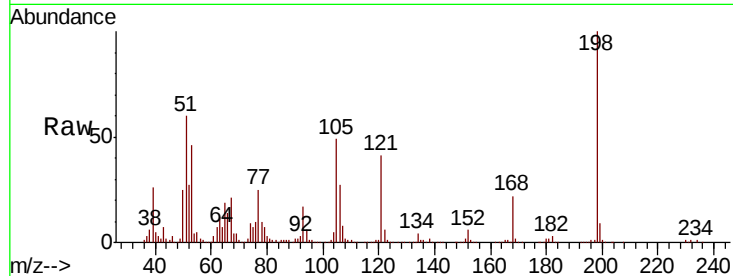
ClientSampleId :

S1-0-0.5-BGSMSD

Tot Ion:	198	Resp:	401576
Ion Ratio	Lower	Upper	
198	100		
51	59.9	48.0	88.0
105	49.2	34.0	74.0

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#66

n-Nitrosodiphenylamine

Concen: 41.751 ng

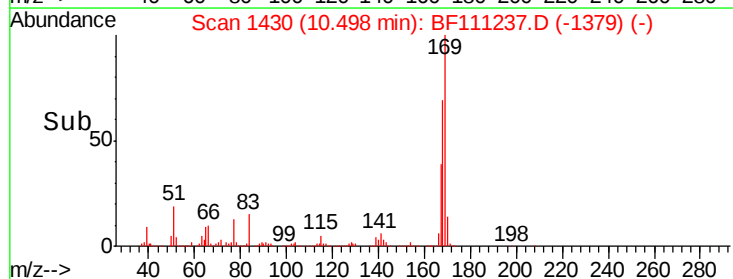
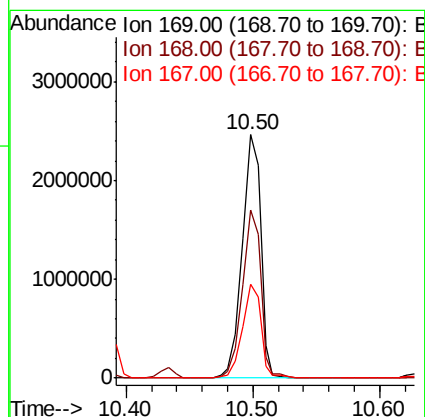
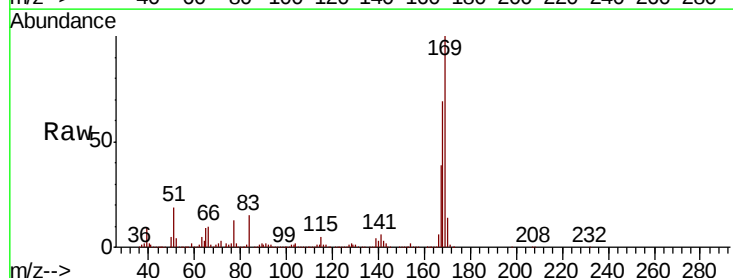
RT: 10.50 min Scan# 1430

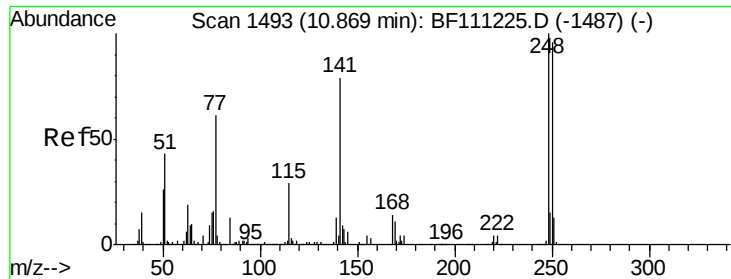
Delta R.T. -0.00 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Tgt Ion:	169	Resp:	2467872
Ion Ratio	Lower	Upper	
169	100		
168	69.0	54.4	81.6
167	38.5	30.5	45.7





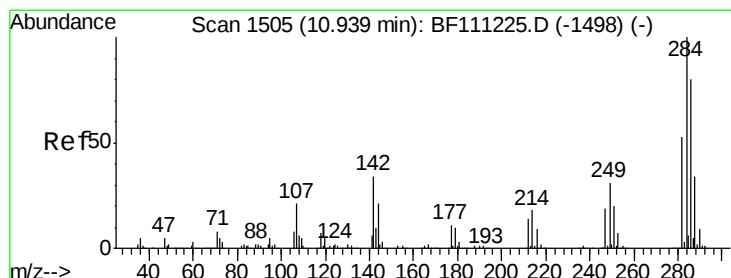
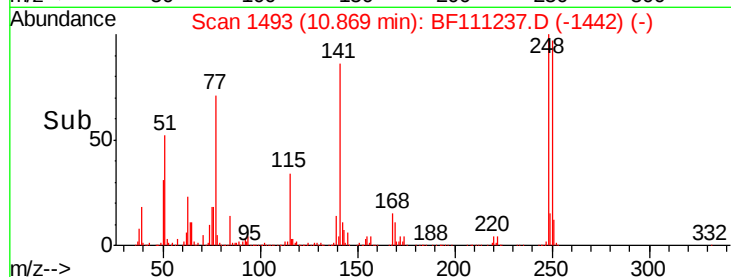
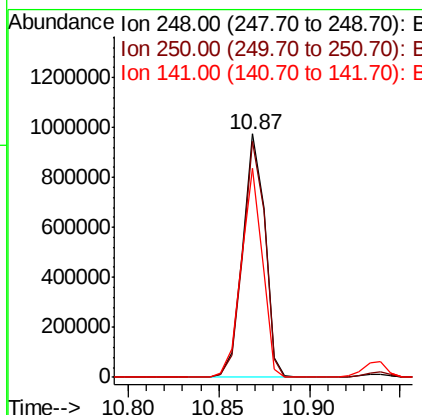
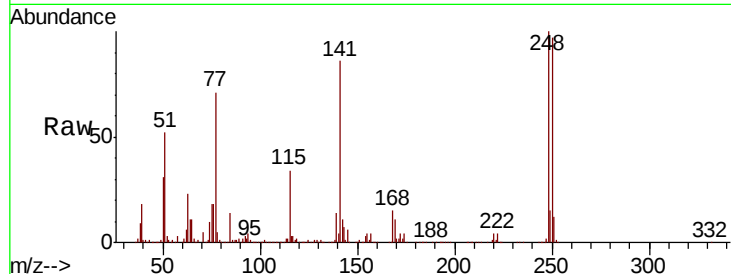
#67
4-Bromophenyl-phenylether
Concen: 43.548 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :
S1-0-0.5-BGSMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.0	115.4
141	86.0	63.0	94.6

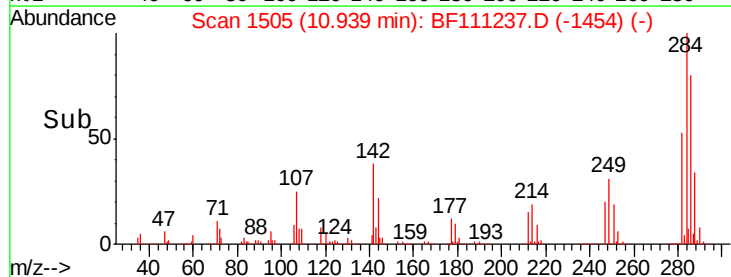
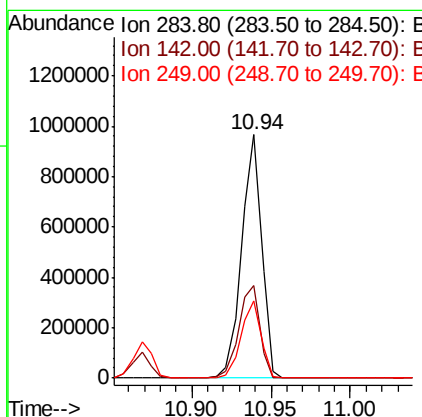
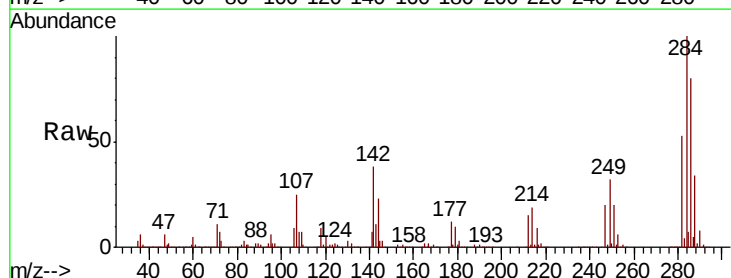
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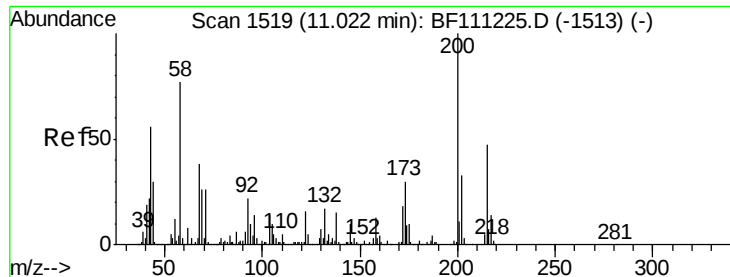
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#68
Hexachlorobenzene
Concen: 43.556 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.2	27.4	41.2
249	31.7	24.4	36.6





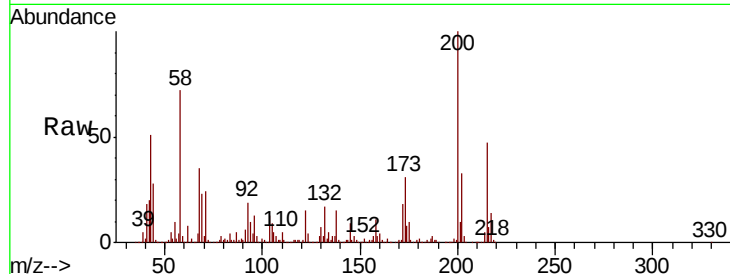
#69
 Atrazine
 Concen: 45.593 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF111237.D
 Acq: 10 Dec 2018 12:50

Instrument :
 BNA_F
 ClientSampleId :
 S1-0-0.5-BGSMSD

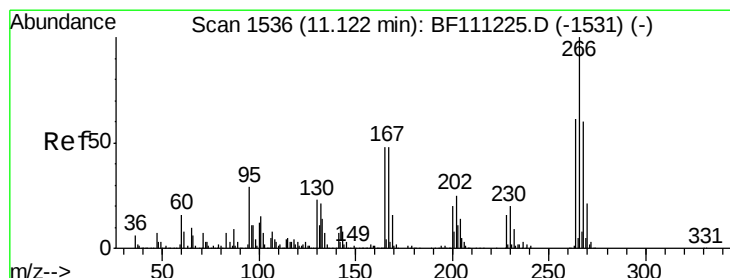
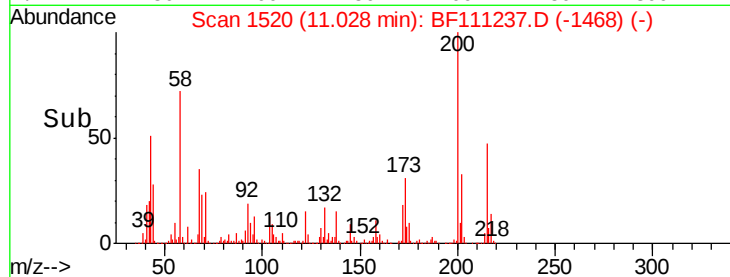
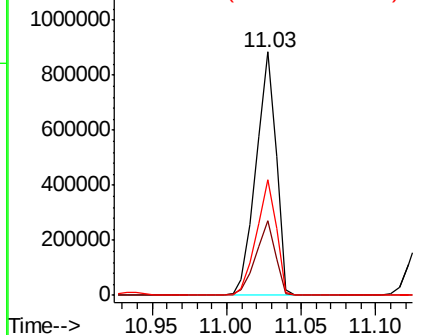
Tot Ion:	200	Resp:	819515
Ion Ratio	Lower	Upper	
200	100		
173	30.6	10.1	50.1
215	47.3	26.9	66.9

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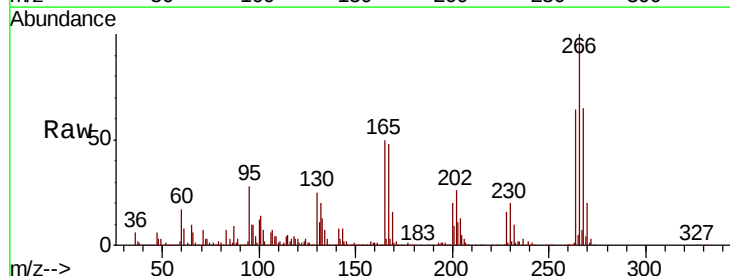


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

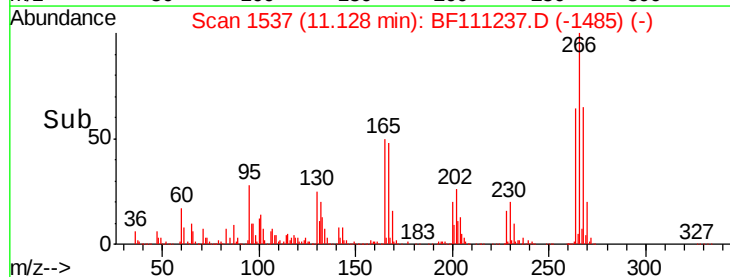
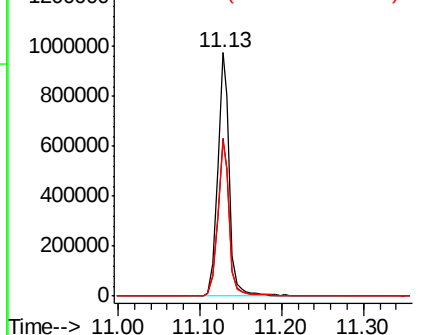


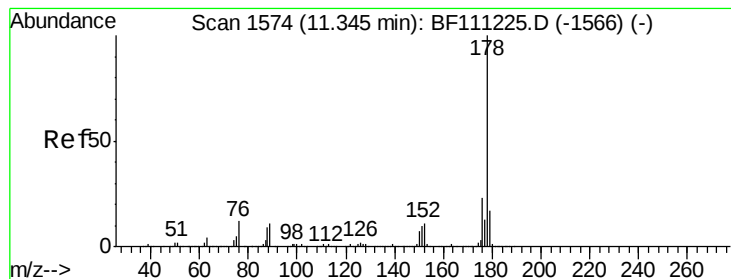
#70
 Pentachlorophenol
 Concen: 69.625 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: BF111237.D
 Acq: 10 Dec 2018 12:50

Tgt Ion:	266	Resp:	977207
Ion Ratio	Lower	Upper	
266	100		
268	64.6	47.9	71.9
264	63.8	49.1	73.7



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.187 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.01 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Instrument :

BNA_F

ClientSampleId :

S1-0-0.5-BGSMSD

Tot Ion:178 Resp: 3694924

Ion Ratio Lower Upper

178 100

176 22.4 18.1 27.1

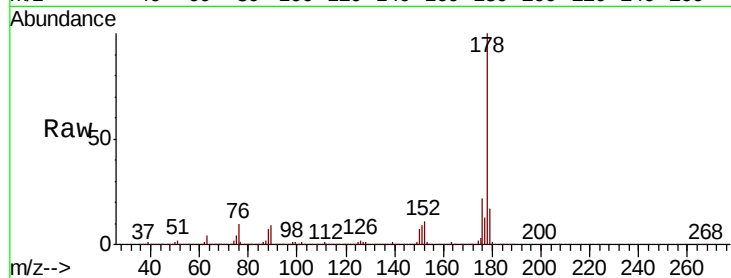
179 17.1 14.0 21.0

Manual Integrations

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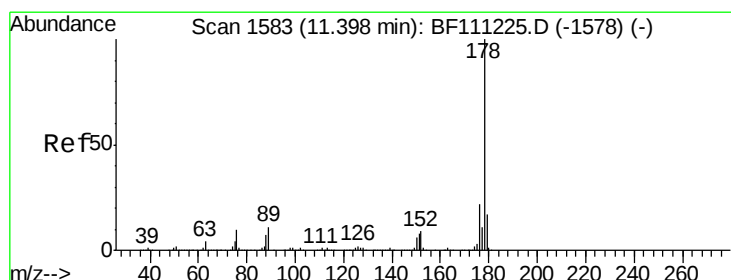
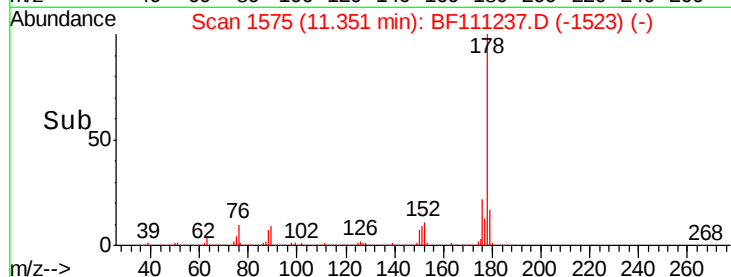
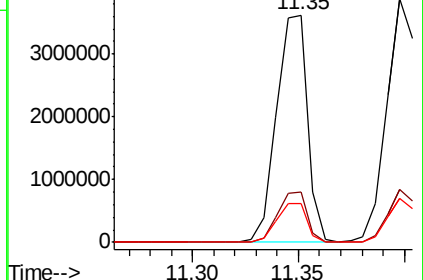
12/11/2018 8:42:26 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.040 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Tgt Ion:178 Resp: 3760542

Ion Ratio Lower Upper

178 100

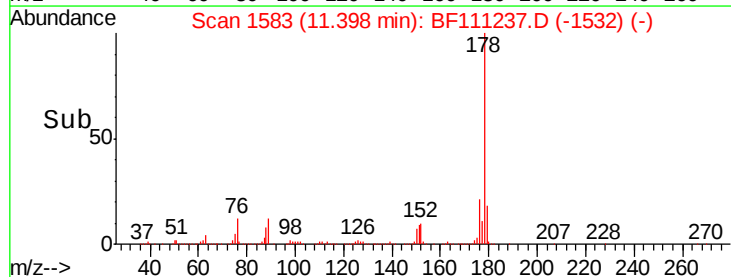
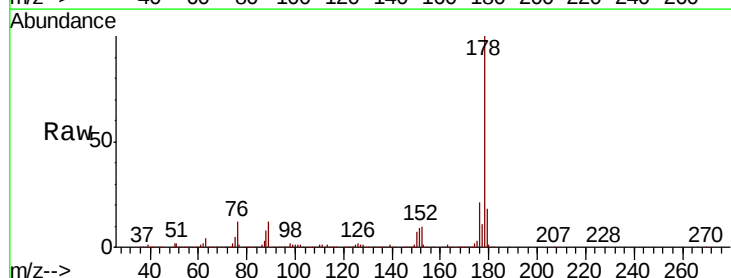
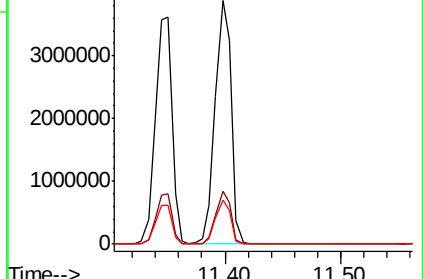
176 21.5 17.2 25.8

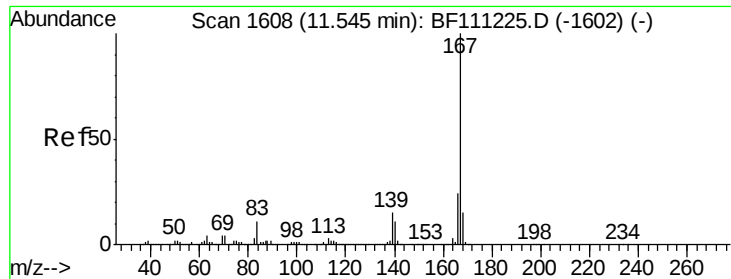
179 18.0 13.8 20.8

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





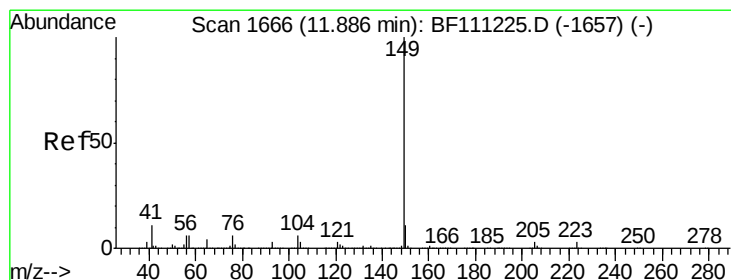
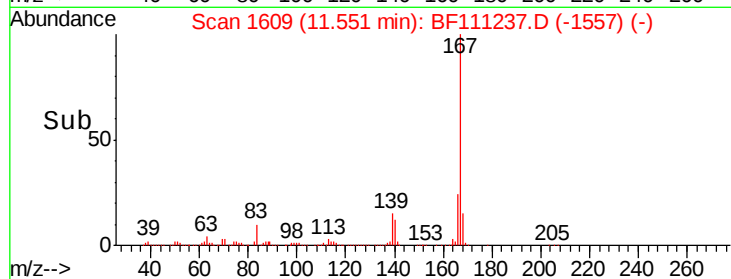
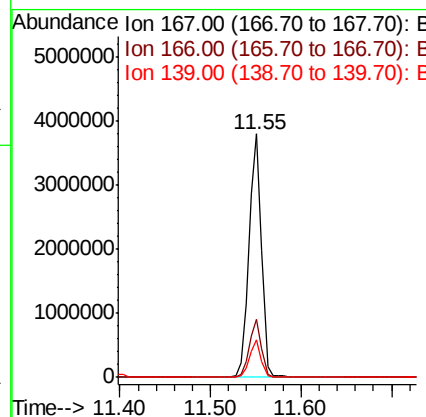
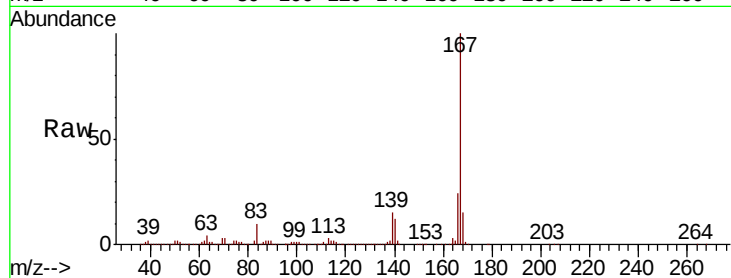
#73
 Carbazole
 Concen: 38.209 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111237.D
 Acq: 10 Dec 2018 12:50

Instrument :
 BNA_F
 ClientSampleId :
 S1-0-0.5-BGSMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.9	19.3	28.9
139	15.2	11.9	17.9

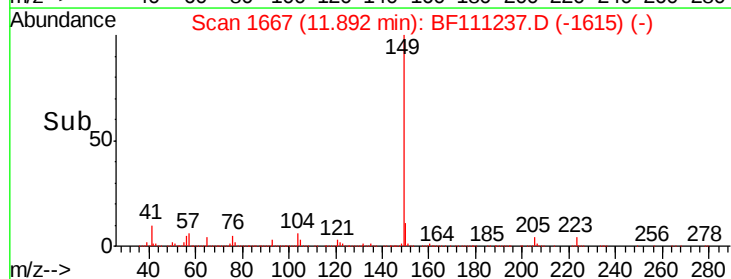
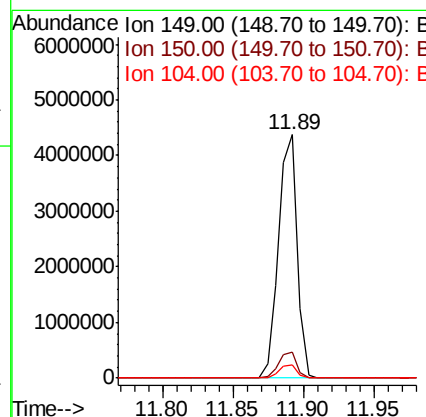
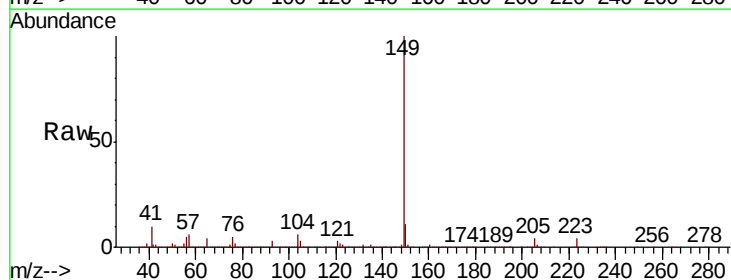
Manual Integrations
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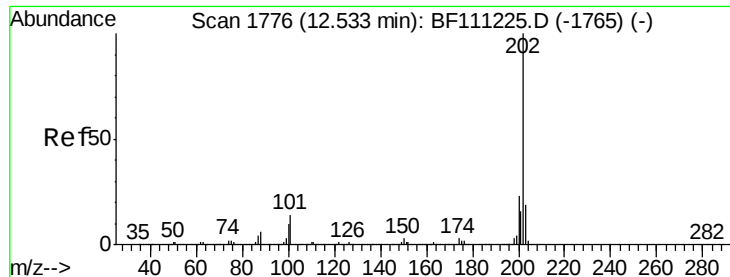
Sohil
 12/11/2018 8:42:26 AM



#74
 Di-n-butylphthalate
 Concen: 41.245 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.01 min
 Lab File: BF111237.D
 Acq: 10 Dec 2018 12:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.9	8.8	13.2
104	5.5	4.5	6.7





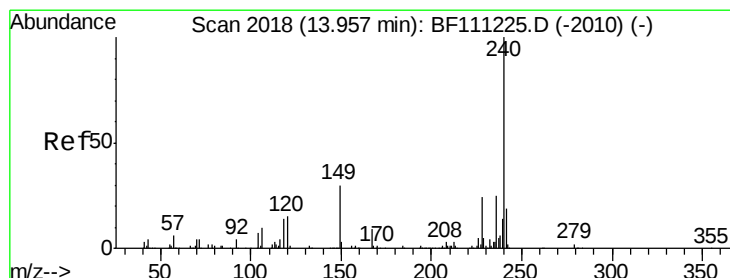
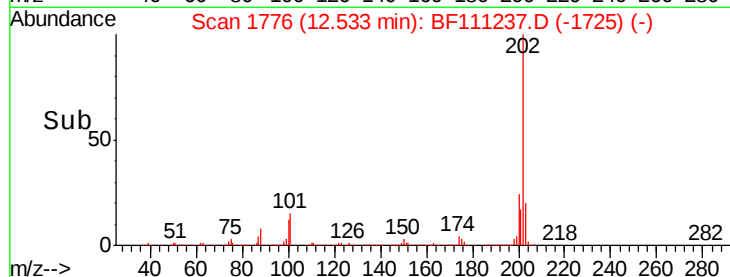
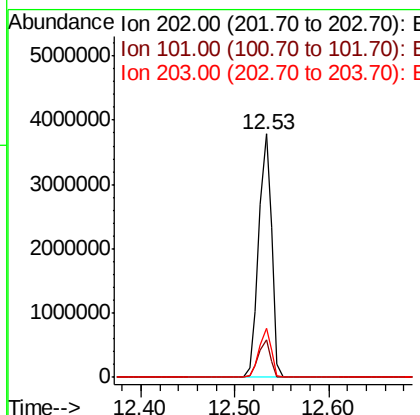
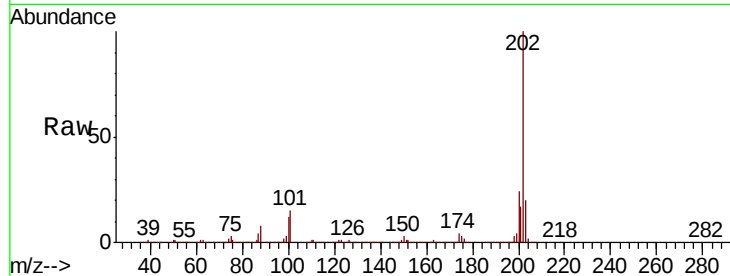
#75
Fluoranthene
Concen: 45.351 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :
S1-0-0.5-BGSMSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.4	0.0	33.8
203	19.9	0.0	38.6

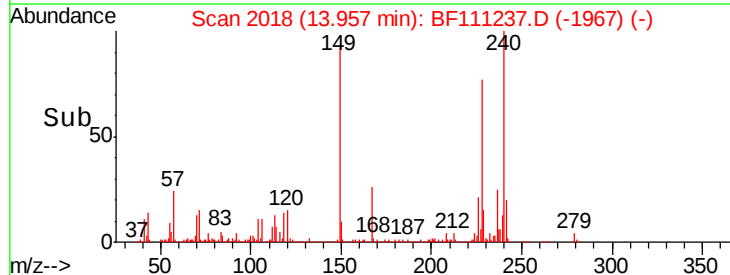
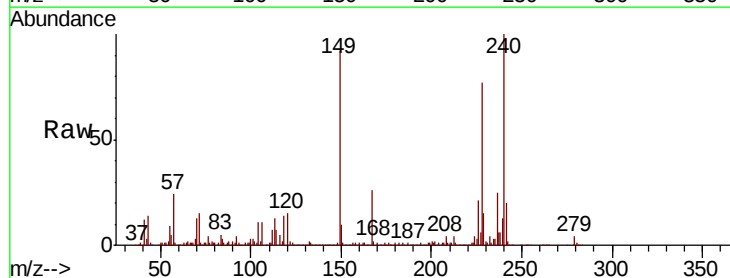
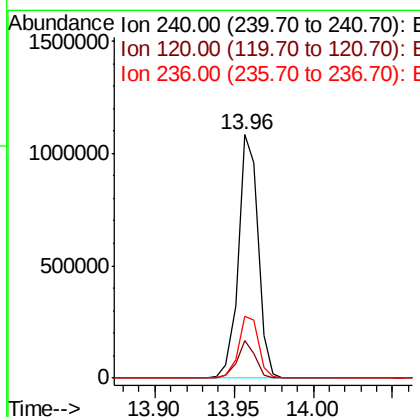
Manual Integrations
APPROVED

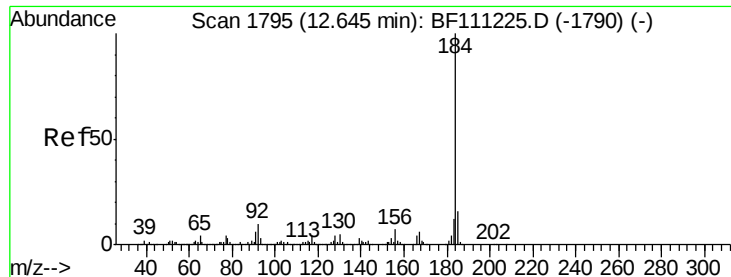
Sohil
12/11/2018 8:42:26 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.5	12.2	18.2
236	25.3	20.2	30.2





#77

Benzidine

Concen: 8.861 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Instrument :

BNA_F

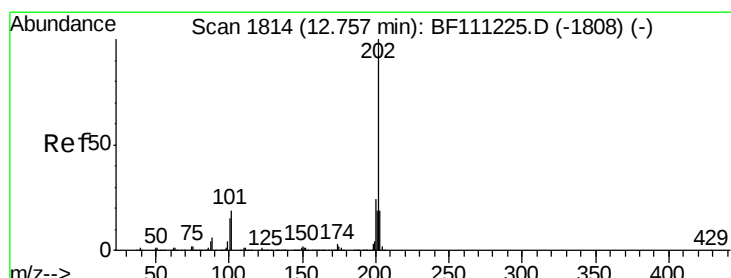
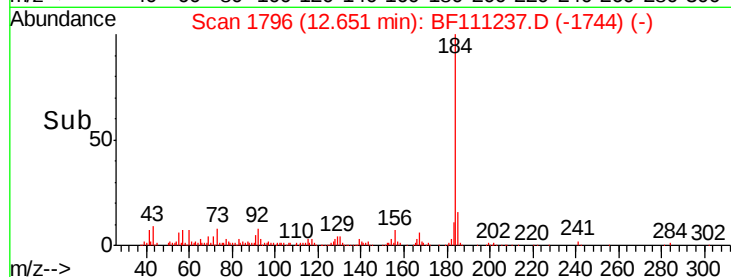
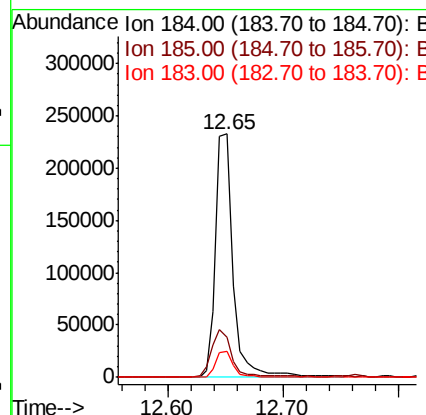
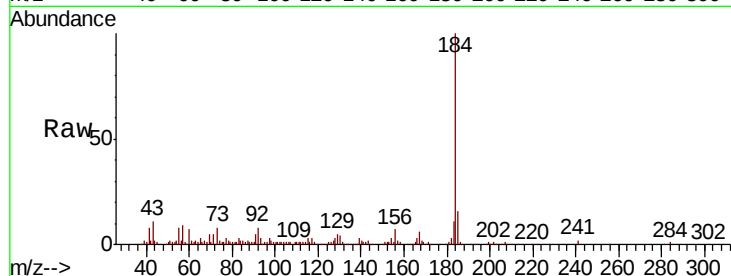
ClientSampleId :

S1-0-0.5-BGSMSD

Tot Ion:	184	Resp:	247357
Ion Ratio	Lower	Upper	
184	100		
185	16.3	13.0	19.6
183	10.7	9.3	13.9

Manual Integrations
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12/11/2018 8:42:26 AM



#78

Pyrene

Concen: 52.609 ng

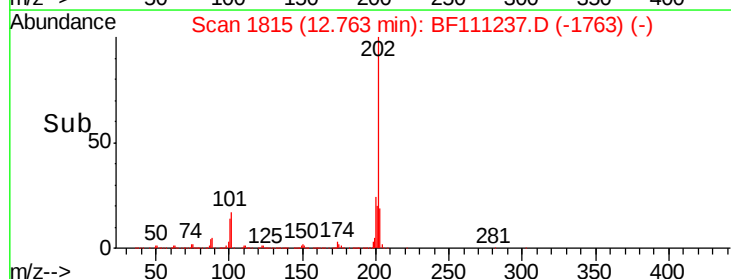
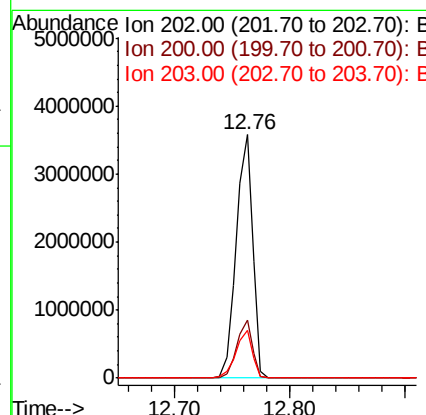
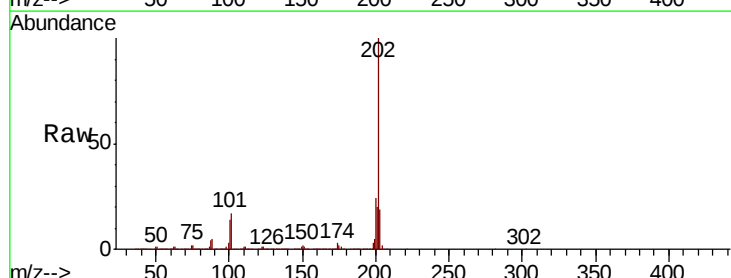
RT: 12.76 min Scan# 1815

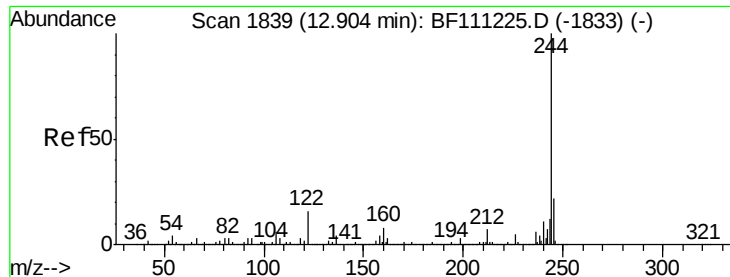
Delta R.T. 0.01 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Tgt Ion:	202	Resp:	3534368
Ion Ratio	Lower	Upper	
202	100		
200	23.8	19.0	28.4
203	19.4	15.2	22.8





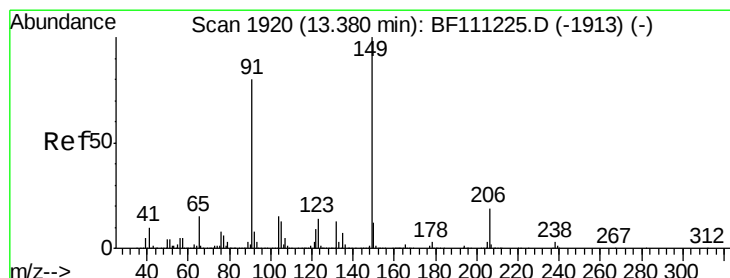
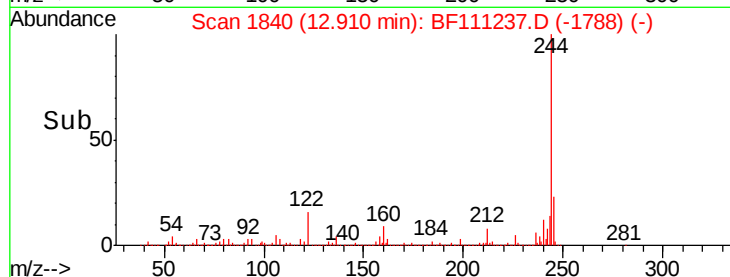
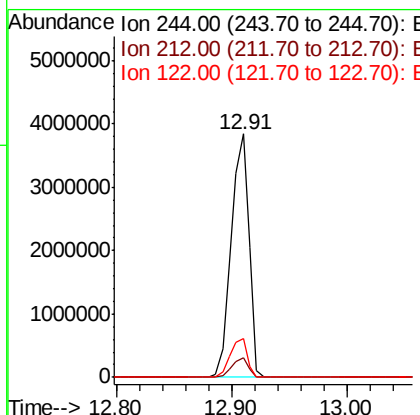
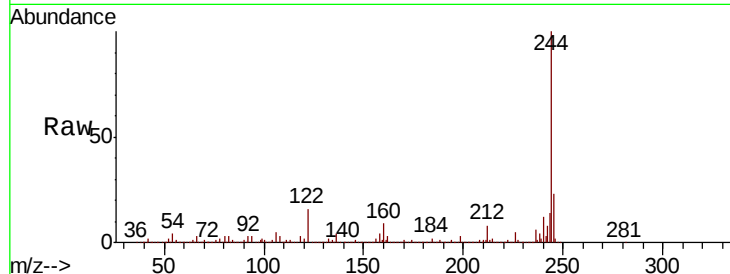
#79
 Terphenyl-d14
 Concen: 104.345 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111237.D
 Acq: 10 Dec 2018 12:50

Instrument :
 BNA_F
 ClientSampleId :
 S1-0-0.5-BGSMSD

Tot Ion:244 Resp: 4089717
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 15.7 13.1 19.7

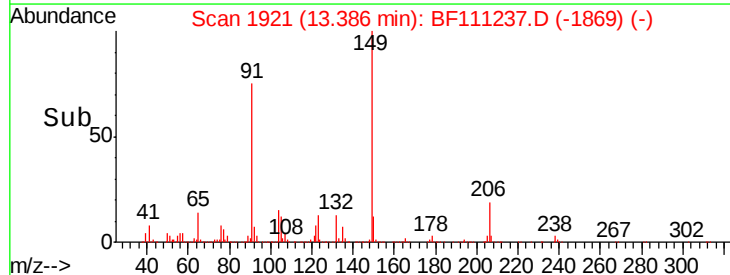
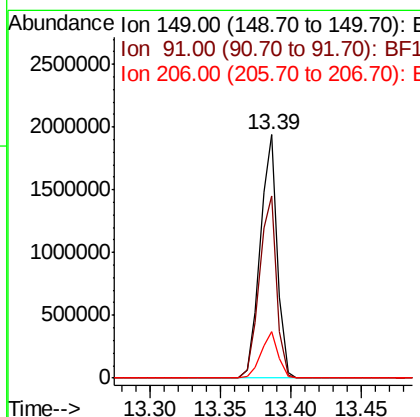
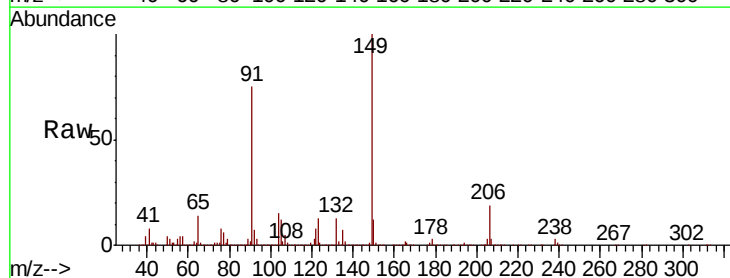
Manual Integrations
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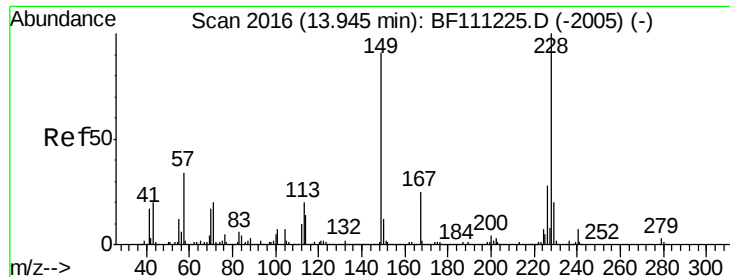
Sohil
 12/11/2018 8:42:26 AM



#80
 Butylbenzylphthalate
 Concen: 47.403 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: BF111237.D
 Acq: 10 Dec 2018 12:50

Tgt Ion:149 Resp: 1663390
 Ion Ratio Lower Upper
 149 100
 91 74.6 63.8 95.6
 206 19.3 15.1 22.7





#81

Benzo(a)anthracene

Concen: 44.530 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Instrument :

BNA_F

ClientSampleId :

S1-0-0.5-BGSMDS

Tot Ion:228 Resp: 2335546

Ion Ratio Lower Upper

228 100

226 27.8 22.6 34.0

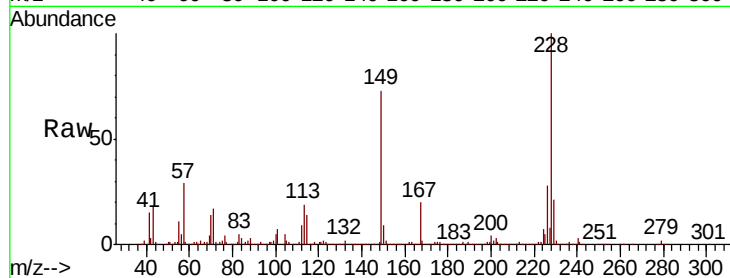
229 20.6 16.3 24.5

Manual Integrations

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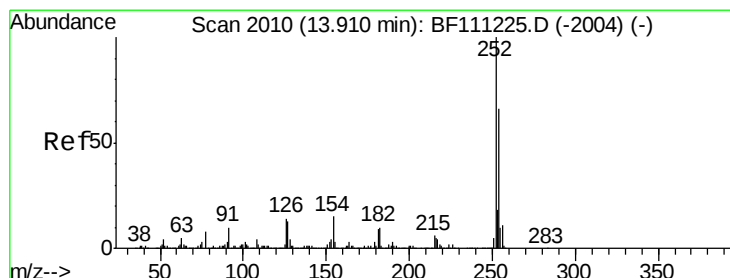
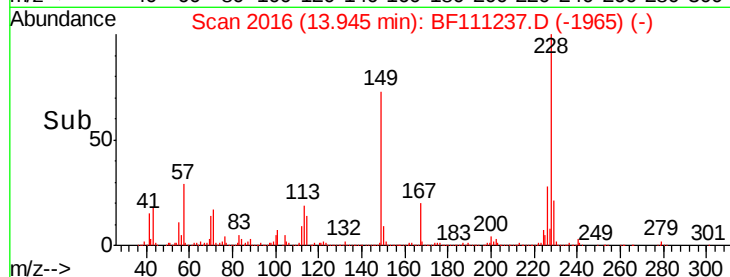
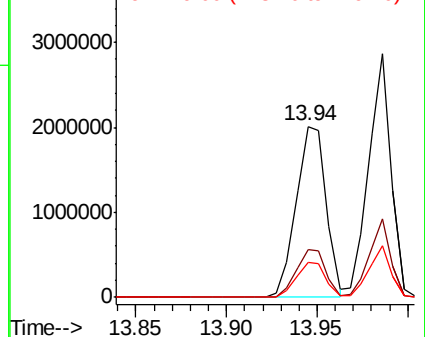


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 23.916 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

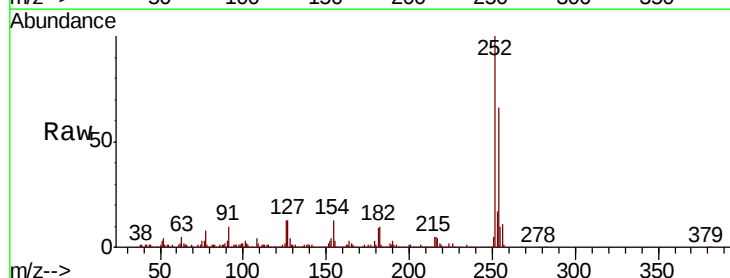
Tgt Ion:252 Resp: 514129

Ion Ratio Lower Upper

252 100

254 65.8 52.7 79.1

126 13.2 11.1 16.7

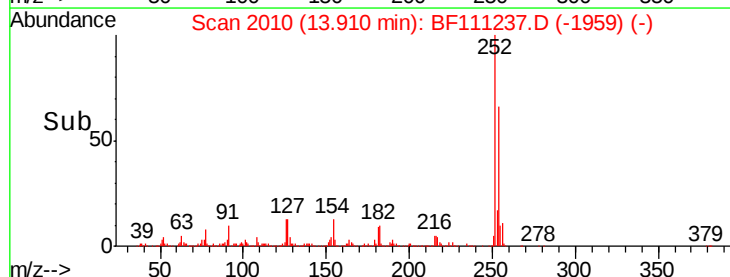
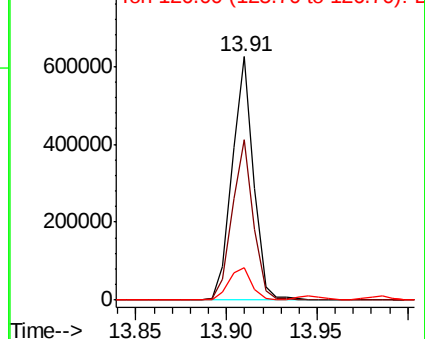


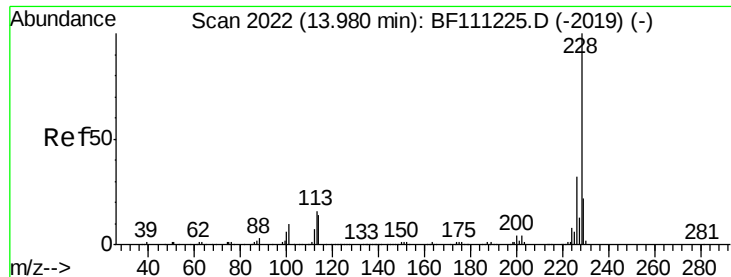
Abundance

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





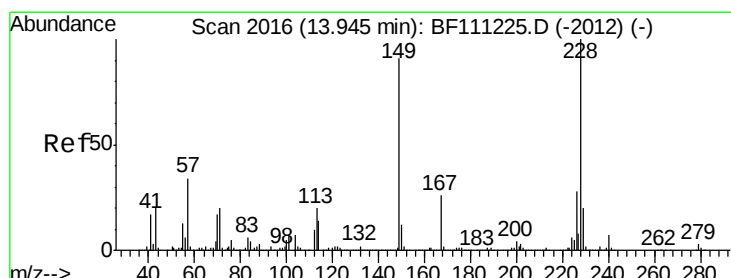
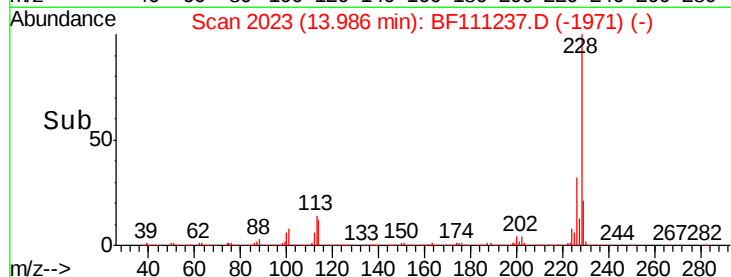
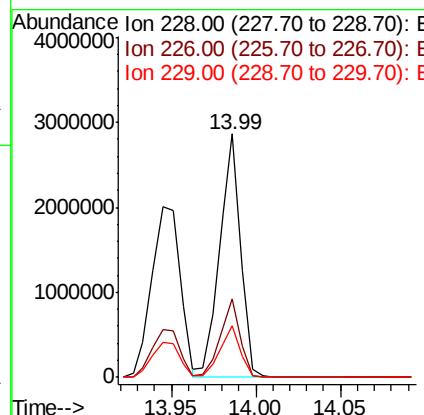
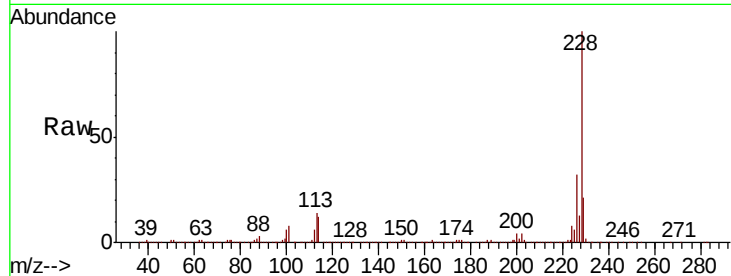
#83
Chrvsene
Concen: 45.783 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :
S1-0-0.5-BGSMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.3	37.9
229	21.1	17.2	25.8

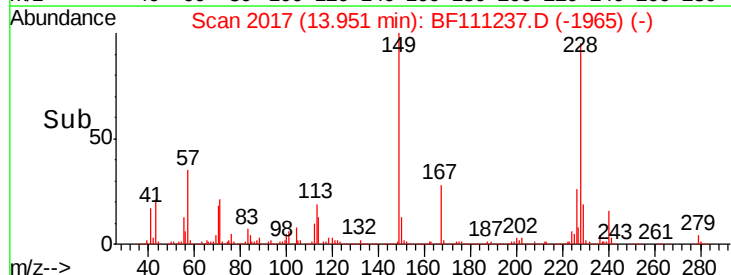
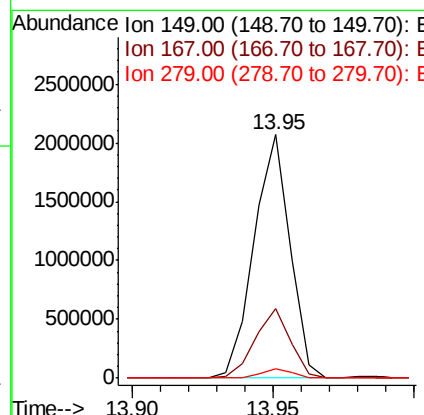
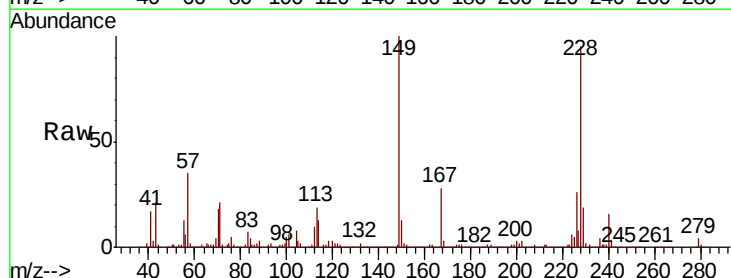
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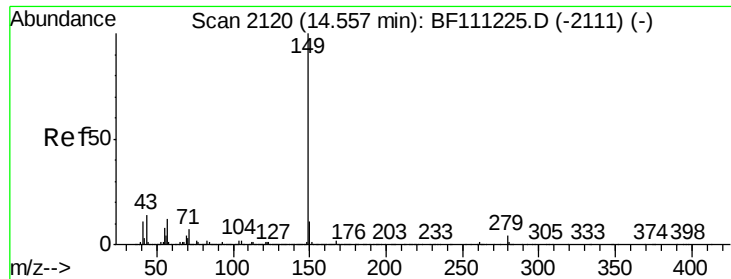
Sohil
12/11/2018 8:42:26 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.876 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.5	33.7
279	3.7	2.6	4.0





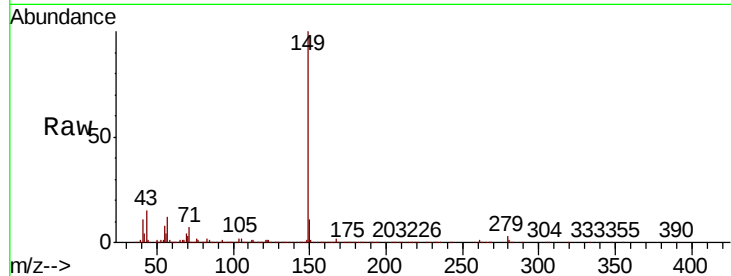
#85
Di-n-octyl phthalate
Concen: 46.335 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :
S1-0-0.5-BGSMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	13.4	10.9	16.3

Manual Integrations
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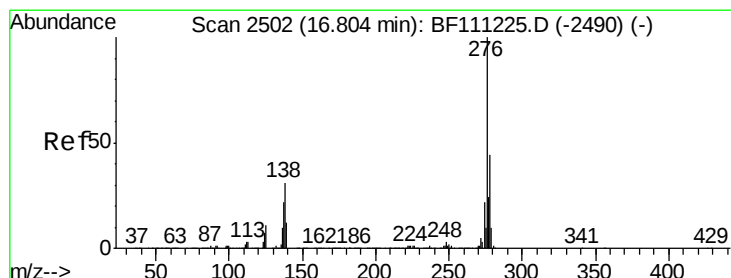
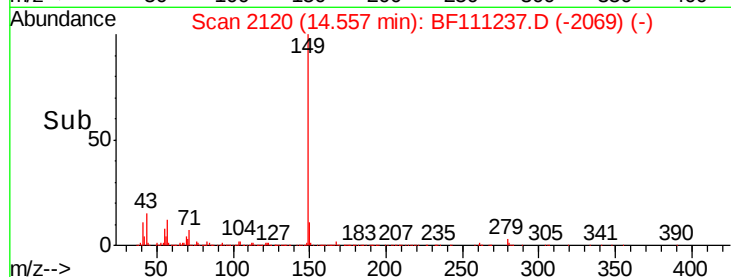
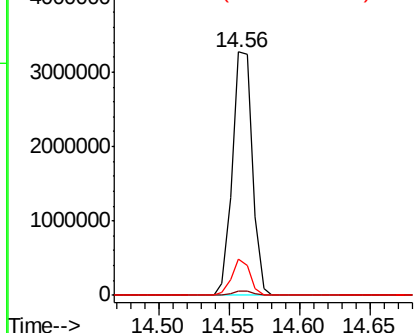


Abundance

Ion 149.00 (148.70 to 149.70): E

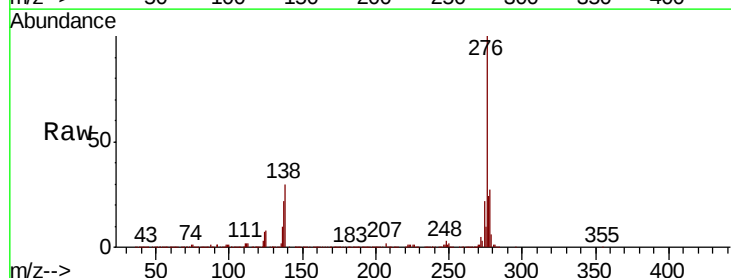
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 62.391 ng
RT: 16.81 min Scan# 2503
Delta R.T. 0.01 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.4	27.8	41.6
277	25.4	20.1	30.1

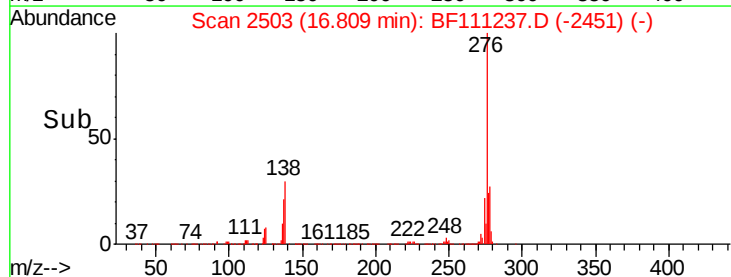
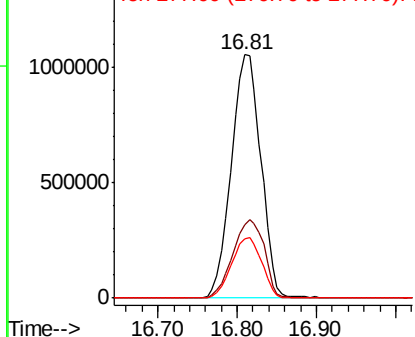


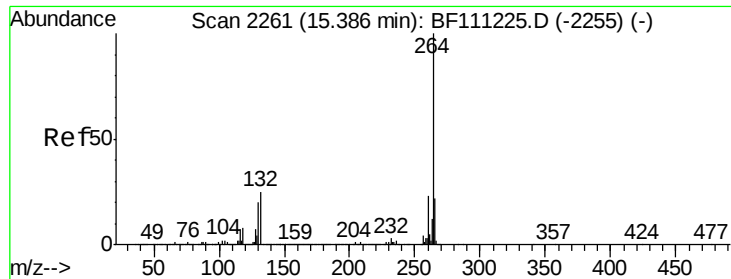
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





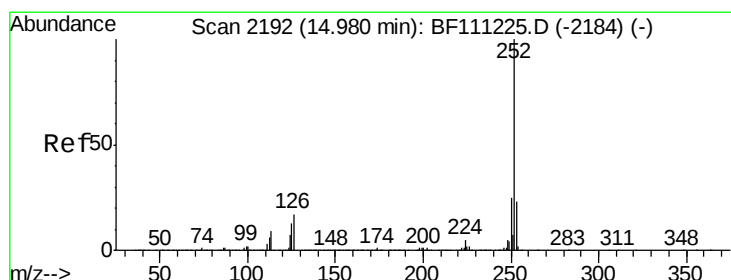
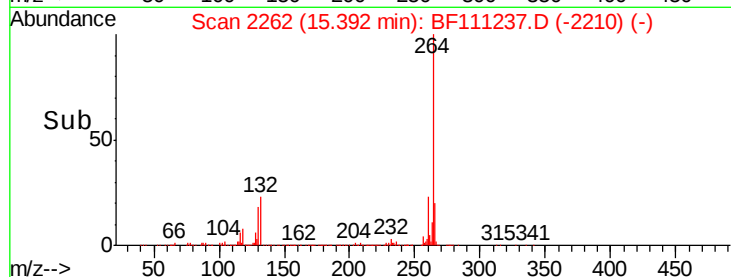
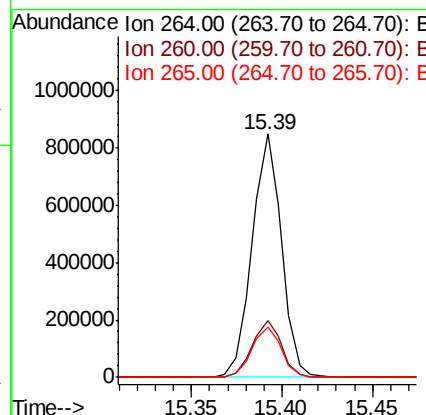
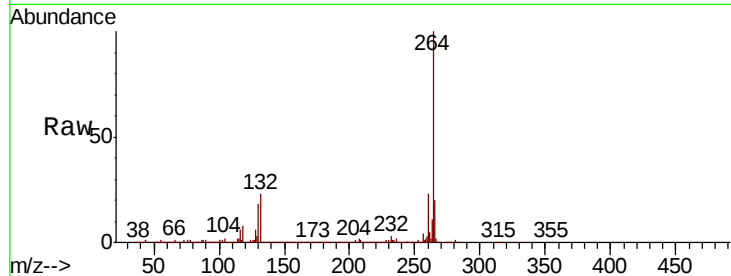
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :
S1-0-0.5-BGSMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.3	27.5
265	20.4	17.7	26.5

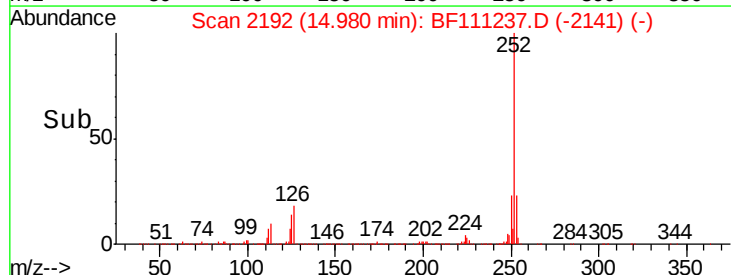
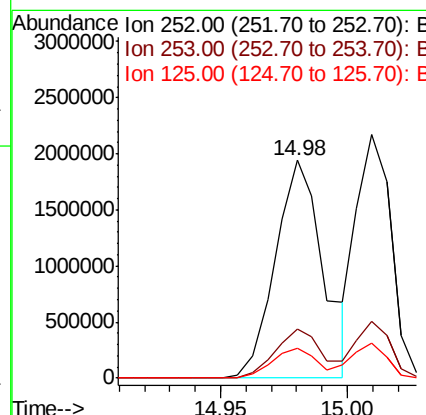
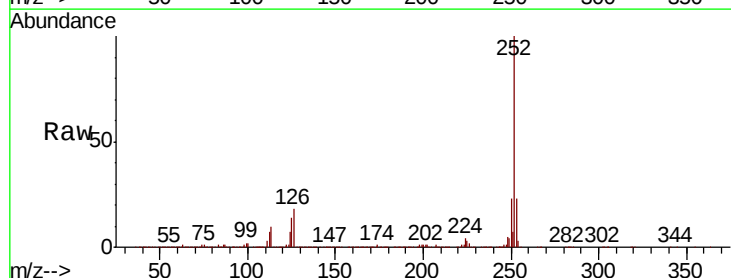
Manual Integrations
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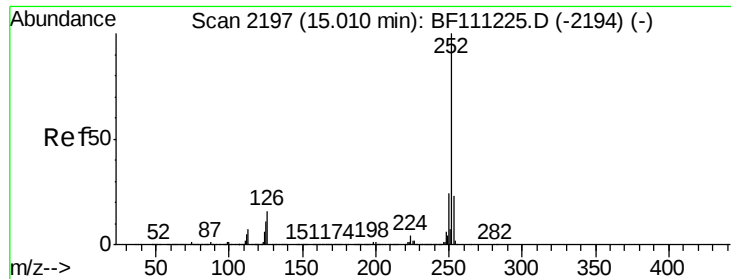
Sohil
12/11/2018 8:42:26 AM



#88
Benzo(b)fluoranthene
Concen: 48.749 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	13.9	10.4	15.6





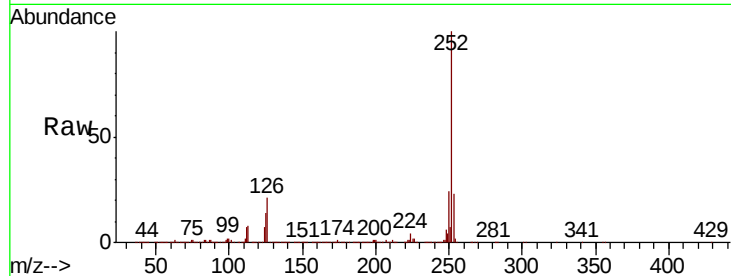
#89
Benzo(k)fluoranthene
Concen: 41.784 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :
S1-0-0.5-BGSMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	14.2	9.8	14.8

Manual Integrations
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Sohil
12/11/2018 8:42:26 AM

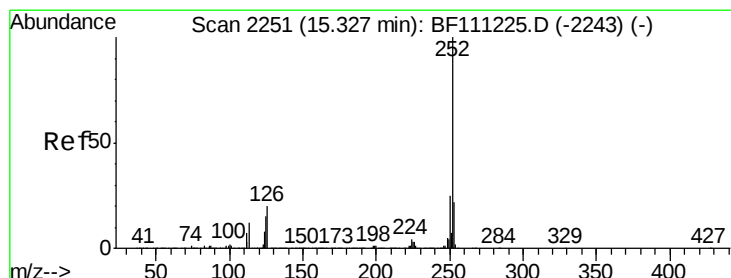
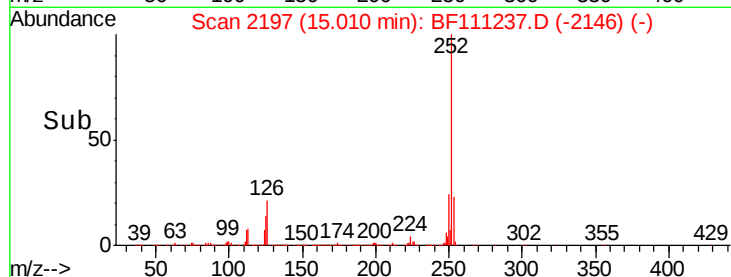
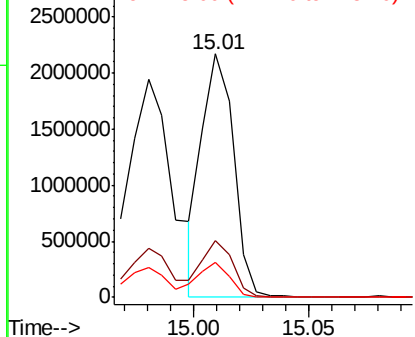


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 46.940 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

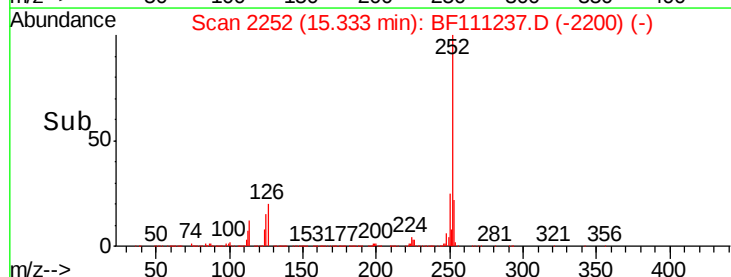
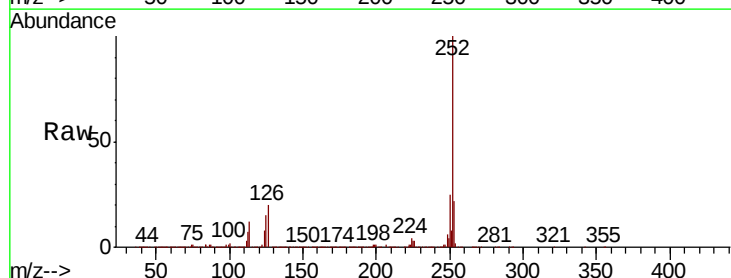
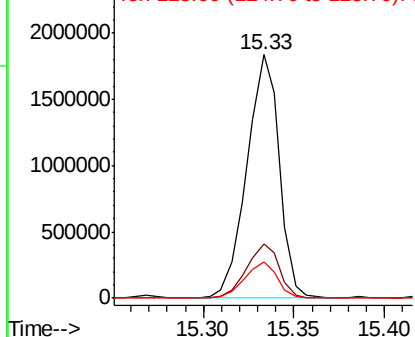
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	14.9	12.3	18.5

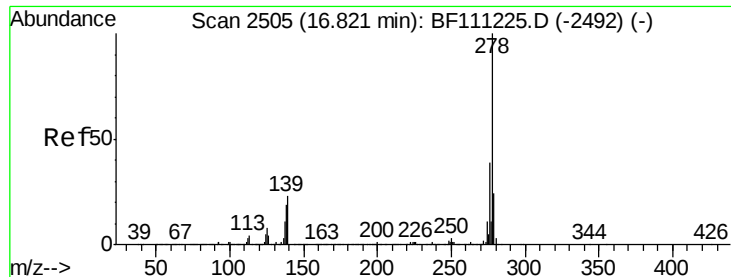
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





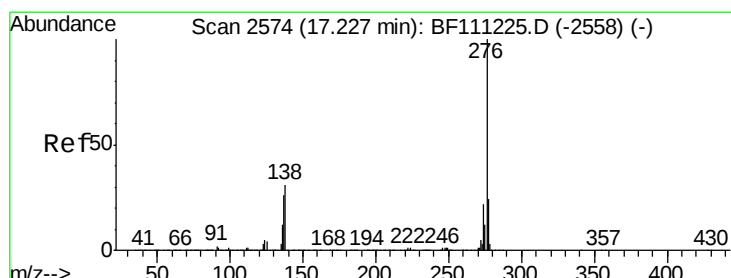
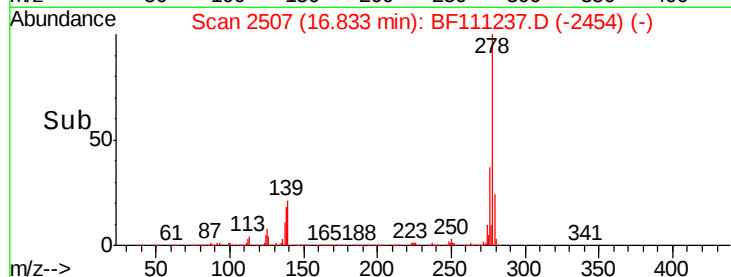
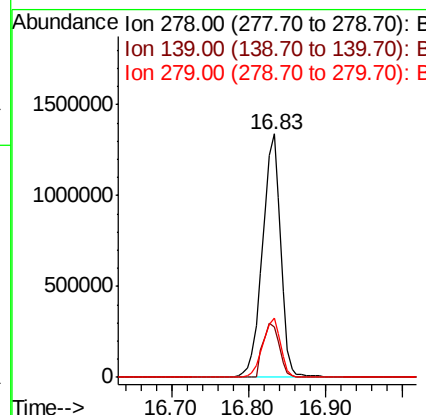
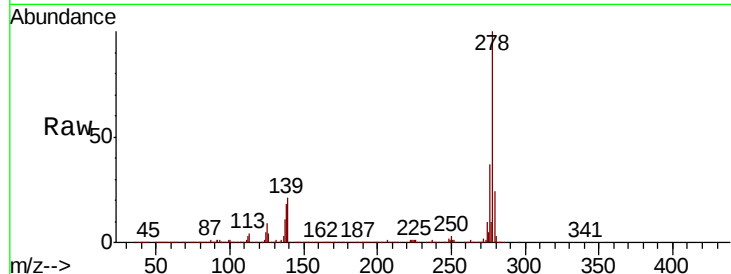
#91
Dibenzo(a,h)anthracene
Concen: 58.490 ng
RT: 16.83 min Scan# 2507
Delta R.T. 0.01 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :
S1-0-0.5-BGSMDS

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.9	18.2	27.4
279	24.3	19.0	28.6

Manual Integrations
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12/11/2018 8:42:26 AM



#92
Benzo(g,h,i)perylene
Concen: 62.404 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.01 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.2	28.8
138	28.5	24.9	37.3

