

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120918\
 Data File : BF111236.D
 Acq On : 10 Dec 2018 12:23
 Operator : JU/SJ
 Sample : J6179-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 12/11/2018 8:42:25 AM

Quant Time: Dec 10 15:44:18 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	611723	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2405412	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	1121391	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1884985	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1037927	20.00	ng	0.00
87) Perylene-d12	15.39	264	814292	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	4212235	108.73	ng	0.02
7) Phenol-d6	6.44	99	5473852	113.70	ng	0.00
23) Nitrobenzene-d5	7.36	82	3604493	84.05	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	1124037	113.16	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	5247173	79.86	ng	0.00
79) Terphenyl-d14	12.91	244	4338467	100.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	673289	33.873	ng	98
3) Pyridine	3.35	79	1595161	30.208	ng	98
4) n-Nitrosodimethylamine	3.28	42	971931	43.169	ng	98
6) Aniline	6.47	93	1614942	25.159	ng	98
8) 2-Chlorophenol	6.59	128	1755228	39.860	ng	98
9) Benzaldehyde	6.35	77	926237	31.021	ng	98
10) Phenol	6.45	94	2320903	41.229	ng	96
11) bis(2-Chloroethyl)ether	6.54	93	1739702	39.959	ng	97
12) 1,3-Dichlorobenzene	6.75	146	1801830	38.082	ng	99
13) 1,4-Dichlorobenzene	6.82	146	1838103	38.475	ng	99
14) 1,2-Dichlorobenzene	6.97	146	1695785	38.057	ng	99
15) Benzyl Alcohol	6.95	79	1544279	40.534	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	3299016	40.473	ng	99
17) 2-Methylphenol	7.06	107	1518414	42.236	ng	99
18) Hexachloroethane	7.32	117	711286	39.105	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	1257645	38.996	ng	98
20) 3+4-Methylphenols	7.21	107	1701530	39.791	ng	96
22) Acetophenone	7.21	105	2307480	41.925	ng	# 99
24) Nitrobenzene	7.38	77	1896680	42.493	ng	98
25) Isophorone	7.63	82	3475621	47.583	ng	98
26) 2-Nitrophenol	7.70	139	954922	43.060	ng	99
27) 2,4-Dimethylphenol	7.74	122	1578099	46.051	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	2219733	43.884	ng	99
29) 2,4-Dichlorophenol	7.94	162	1482437	42.307	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	1435768	41.598	ng	98
31) Naphthalene	8.11	128	4665144	44.438	ng	99
32) Benzoic acid	7.85	122	918369	32.408	ng	99
33) 4-Chloroaniline	8.15	127	896447	17.779	ng	97
34) Hexachlorobutadiene	8.23	225	763286	40.062	ng	98
35) Caprolactam	8.52	113	526112m	42.372	ng	
36) 4-Chloro-3-methylphenol	8.64	107	1575130	43.905	ng	97
37) 2-Methylnaphthalene	8.80	142	3231049	46.357	ng	97
38) 1-Methylnaphthalene	8.90	142	3085940	45.211	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1160782	37.201	ng	99

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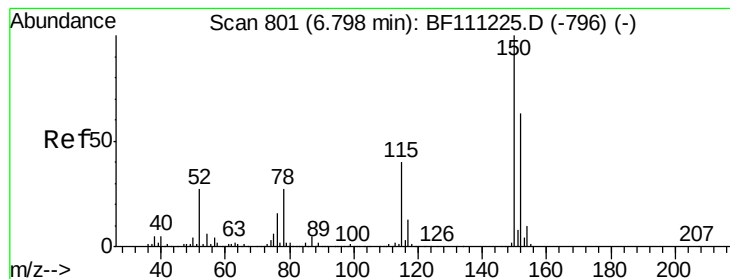
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1276985	71.861	nq	98
43) 2,4,6-Trichlorophenol	9.07	196	961495	41.051	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	1008705	41.342	nq	98
46) 1,1'-Biphenyl	9.26	154	3545017	38.574	nq	99
47) 2-Chloronaphthalene	9.29	162	2907894	39.631	nq	98
48) 2-Nitroaniline	9.38	65	1048101	41.874	nq	91
49) Acenaphthylene	9.70	152	4330413	40.653	nq	98
50) Dimethylphthalate	9.57	163	3550973	42.916	nq	99
51) 2,6-Dinitrotoluene	9.62	165	804517	44.028	nq	89
52) Acenaphthene	9.87	154	2996205	44.822	nq	99
53) 3-Nitroaniline	9.79	138	606090	26.872	nq	96
54) 2,4-Dinitrophenol	9.89	184	652727	90.395	nq	94
55) Dibenzofuran	10.05	168	3823338	42.042	nq	97
56) 4-Nitrophenol	9.96	139	1400712	79.740	nq	94
57) 2,4-Dinitrotoluene	10.03	165	1058884	47.006	nq	98
58) Fluorene	10.39	166	2825861	40.155	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	827727	44.756	nq	99
60) Diethylphthalate	10.27	149	3220281	40.823	nq	99
61) 4-Chlorophenyl-phenylether	10.38	204	1300611	37.223	nq	98
62) 4-Nitroaniline	10.40	138	864189	40.495	nq	99
63) Azobenzene	10.54	77	3332143	40.686	nq	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	445638	40.101	nq	91
66) n-Nitrosodiphenylamine	10.50	169	2695854	42.014	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	840963	40.733	nq	95
68) Hexachlorobenzene	10.94	284	862487	41.066	nq	97
69) Atrazine	11.03	200	850854	43.606	nq	97
70) Pentachlorophenol	11.13	266	992261	65.127	nq	95
71) Phenanthrene	11.35	178	3909871	41.123	nq	100
72) Anthracene	11.40	178	4032909	40.544	nq	98
73) Carbazole	11.55	167	3840481	36.924	nq	98
74) Di-n-butylphthalate	11.89	149	4418703	41.332	nq	100
75) Fluoranthene	12.53	202	3836157	44.169	nq	95
77) Benzidine	12.65	184	233018	7.561	nq	95
78) Pyrene	12.76	202	3846808	51.864	nq	99
80) Butylbenzylphthalate	13.39	149	1825554	47.122	nq	94
81) Benzo(a)anthracene	13.94	228	2603248	44.957	nq	100
82) 3,3'-Dichlorobenzidine	13.91	252	595664	25.098	nq	99
83) Chrysene	13.99	228	2667043	44.677	nq	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	2009771	43.658	nq	99
85) Di-n-octyl phthalate	14.56	149	3220662	41.741	nq	99
86) Indeno(1,2,3-cd)pyrene	16.81	276	2179400	45.227	nq	98
88) Benzo(b)fluoranthene	14.98	252	2109434	46.843	nq	99
89) Benzo(k)fluoranthene	15.01	252	2086025	49.270	nq	99
90) Benzo(a)pyrene	15.33	252	2043962	49.289	nq	99
91) Dibenzo(a,h)anthracene	16.83	278	1866892	57.317	nq	97
92) Benzo(g,h,i)perylene	17.24	276	2161260	66.285	nq	96

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



#1

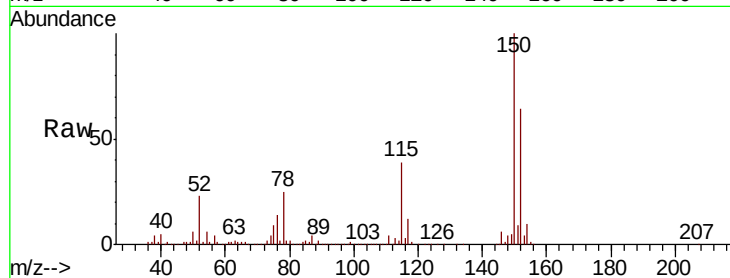
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.6	189.8
115	60.7	50.7	76.1

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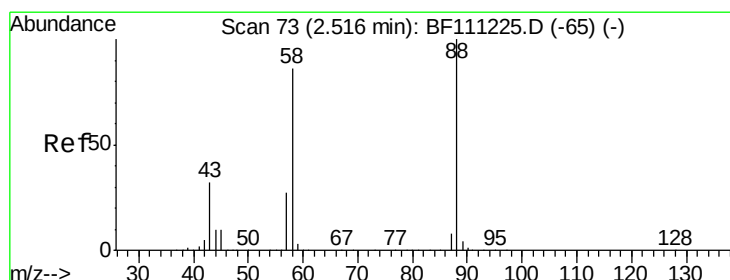
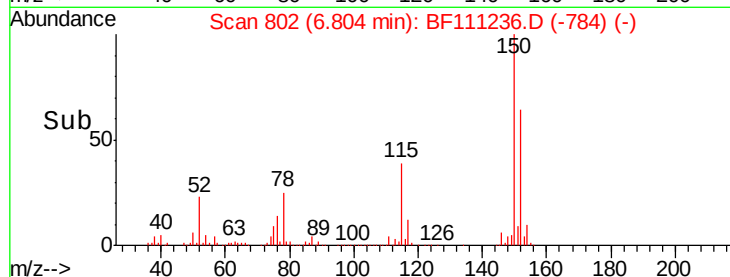
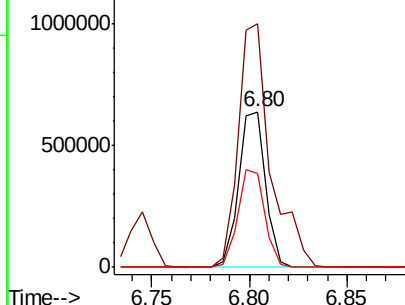


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

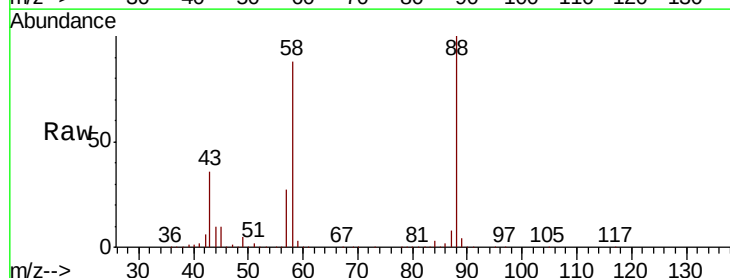
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.873 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.09 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.7	68.9	103.3
43	32.2	25.8	38.6

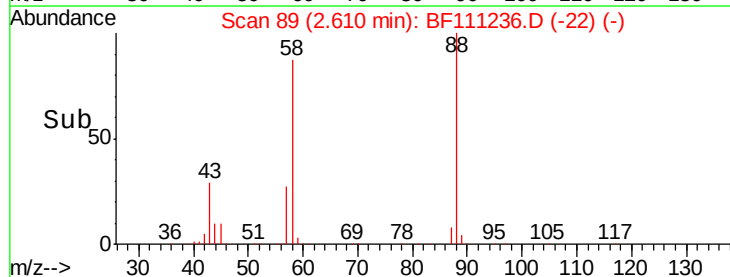
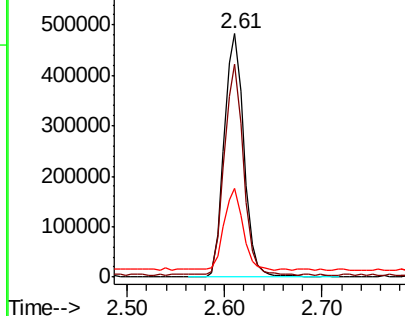


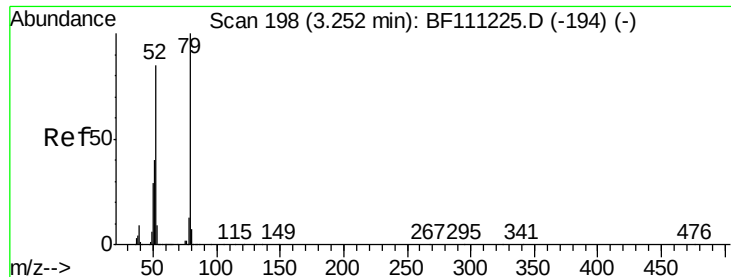
Abundance

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: 30.208 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.09 min

Lab File: BF111236.D

Acq: 10 Dec 2018 12:23

Instrument :

BNA_F

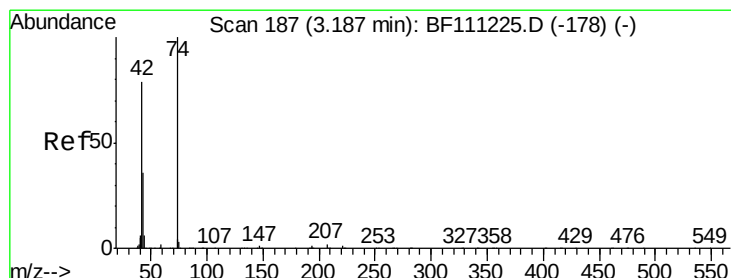
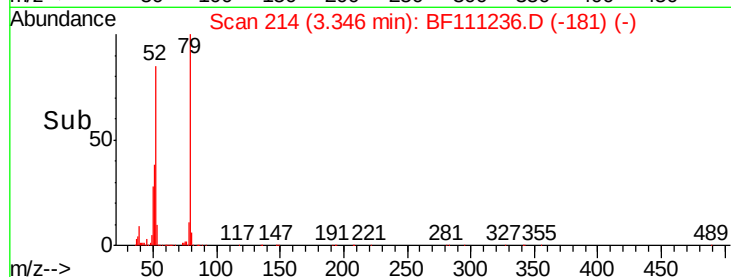
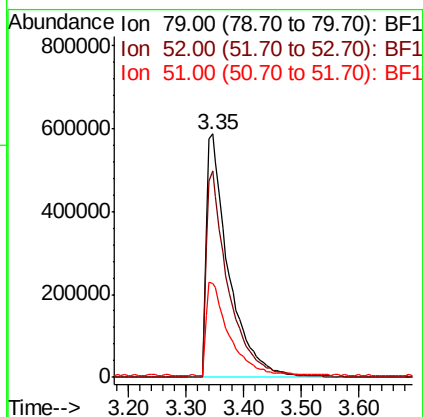
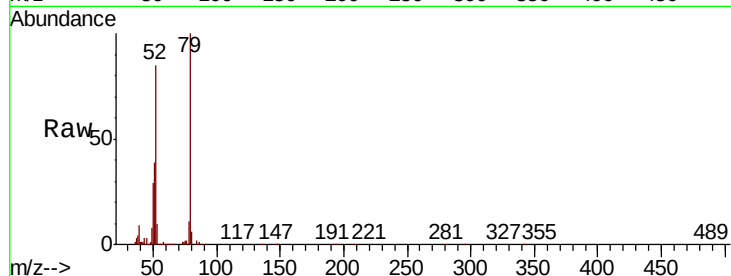
ClientSampleId :

S1-0-0.5-BGSMS

Tot Ion:	79	Resp:	1595161
Ion	Ratio	Lower	Upper
79	100		
52	84.7	68.3	102.5
51	38.7	32.6	49.0

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#4

n-Nitrosodimethylamine

Concen: 43.169 ng

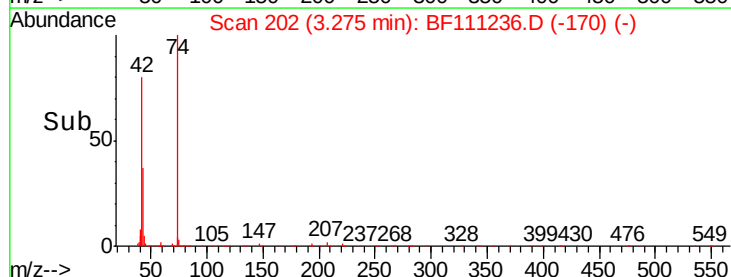
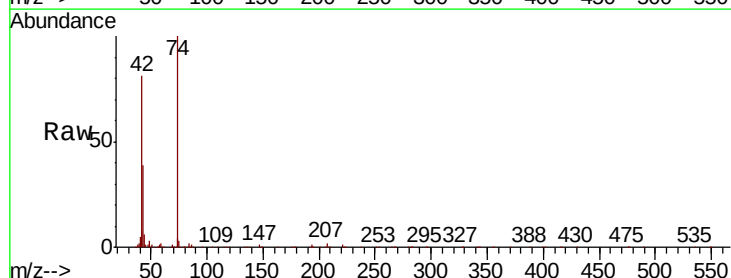
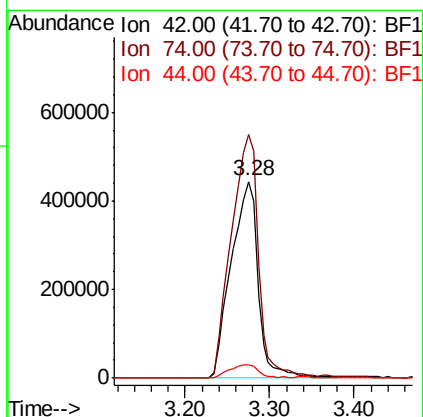
RT: 3.28 min Scan# 202

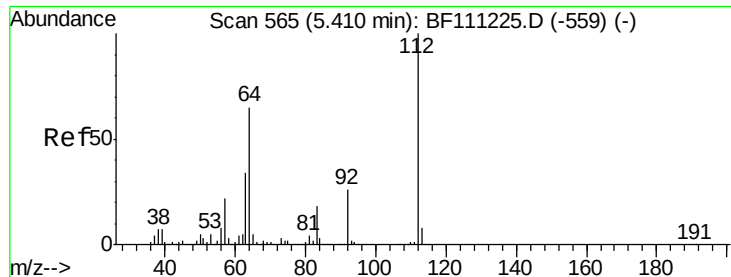
Delta R.T. 0.09 min

Lab File: BF111236.D

Acq: 10 Dec 2018 12:23

Tgt Ion:	42	Resp:	971931
Ion	Ratio	Lower	Upper
42	100		
74	124.0	101.5	152.3
44	6.9	6.0	9.0





#5

2-Fluorophenol

Concen: 108.732 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF111236.D

Acq: 10 Dec 2018 12:23

Instrument :

BNA_F

ClientSampleId :

S1-0-0.5-BGSMS

Tot Ion:112 Resp: 4212235

Ion Ratio Lower Upper

112 100

64 65.3 51.8 77.6

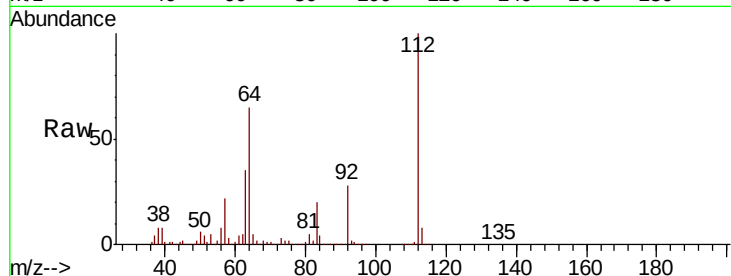
63 35.0 26.8 40.2

Manual Integrations

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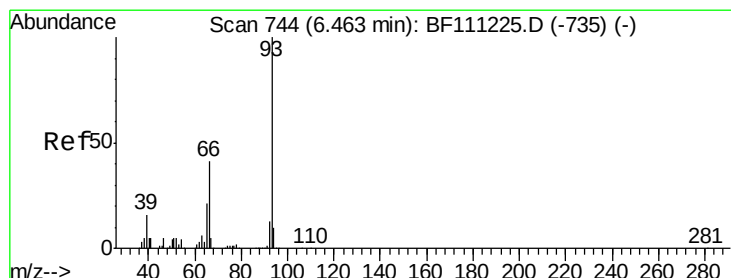
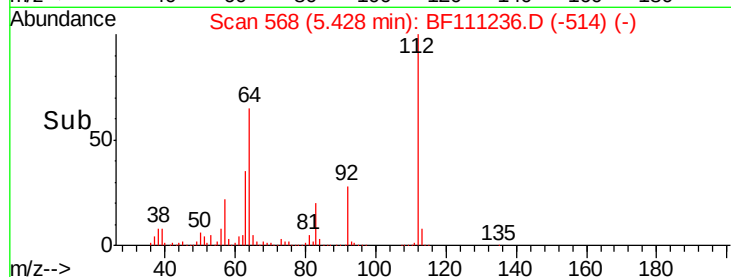
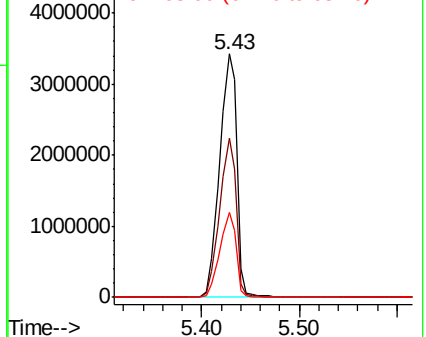
12/11/2018 8:42:25 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.159 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF111236.D

Acq: 10 Dec 2018 12:23

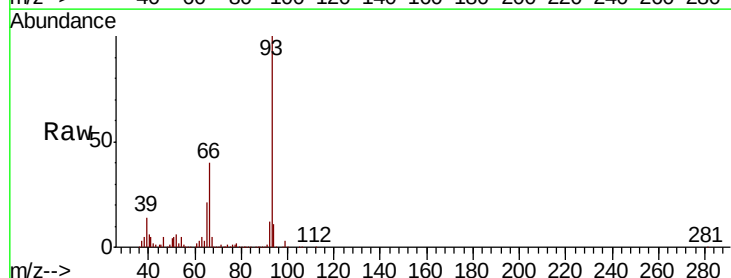
Tgt Ion: 93 Resp: 1614942

Ion Ratio Lower Upper

93 100

66 39.6 33.2 49.8

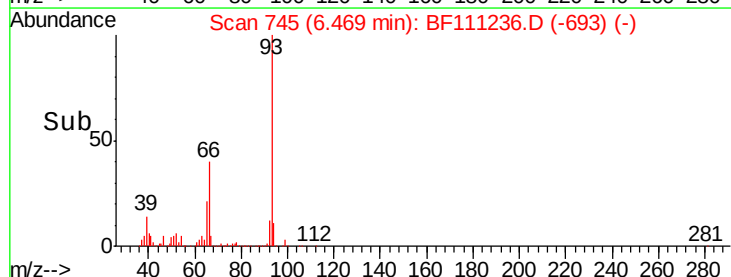
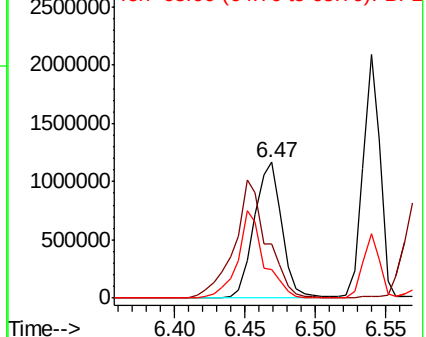
65 20.6 17.0 25.4

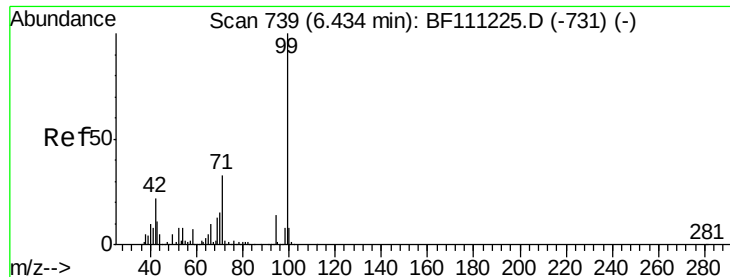


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 113.699 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111236.D

Acq: 10 Dec 2018 12:23

Instrument :

BNA_F

ClientSampleId :

S1-0-0.5-BGSMS

Tot Ion: 99 Resp: 5473852

Ion Ratio Lower Upper

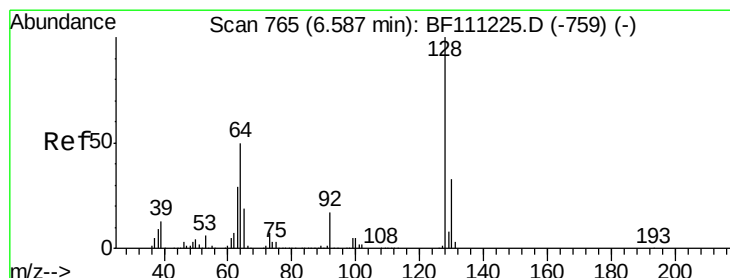
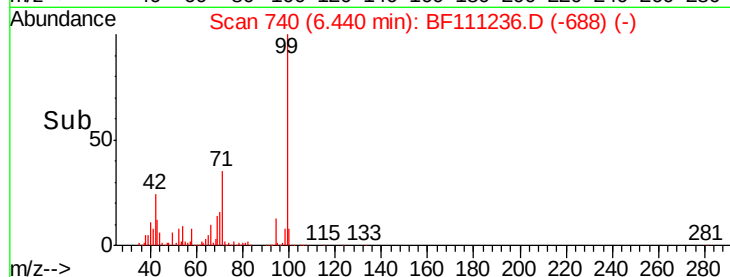
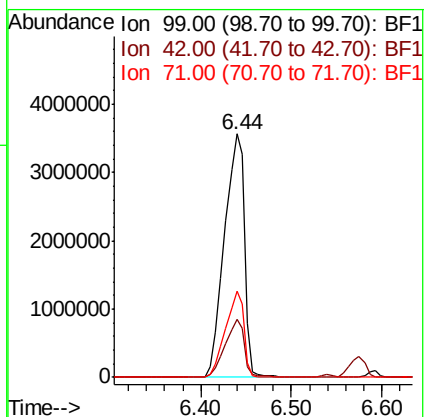
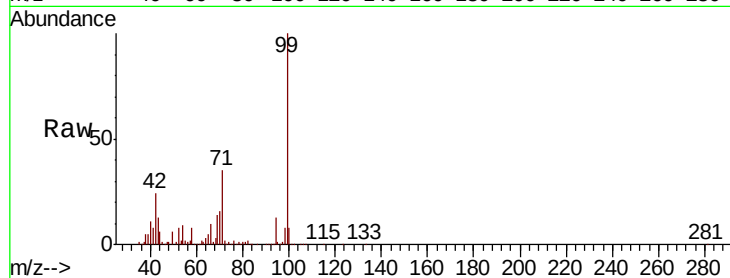
99 100

42 23.6 17.4 26.0

71 35.2 26.1 39.1

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#8

2-Chlorophenol

Concen: 39.860 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF111236.D

Acq: 10 Dec 2018 12:23

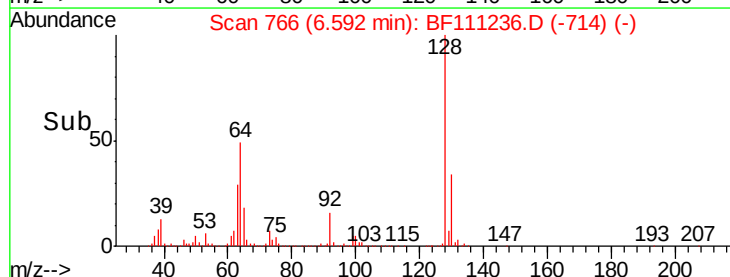
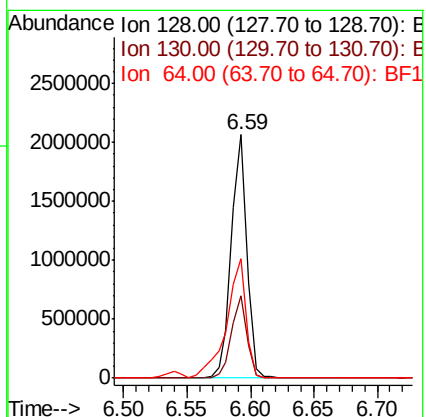
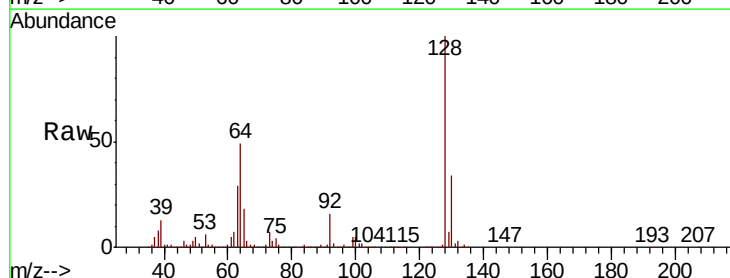
Tgt Ion: 128 Resp: 1755228

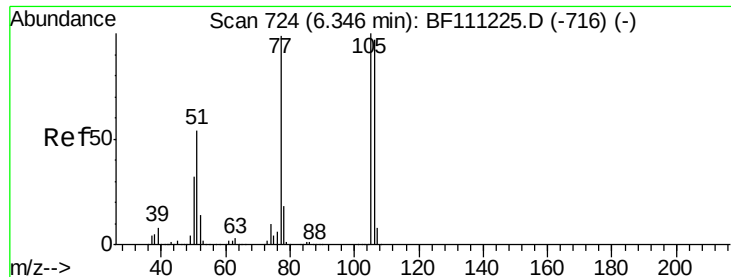
Ion Ratio Lower Upper

128 100

130 34.1 12.7 52.7

64 49.0 30.0 70.0





#9

Benzaldehyde

Concen: 31.021 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF111236.D

Acq: 10 Dec 2018 12:23

Instrument :

BNA_F

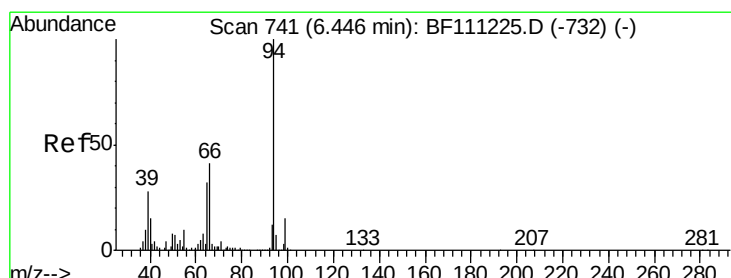
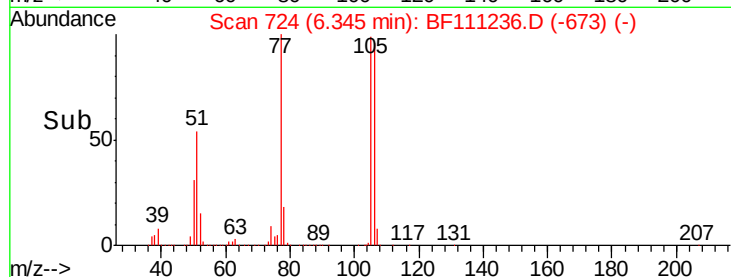
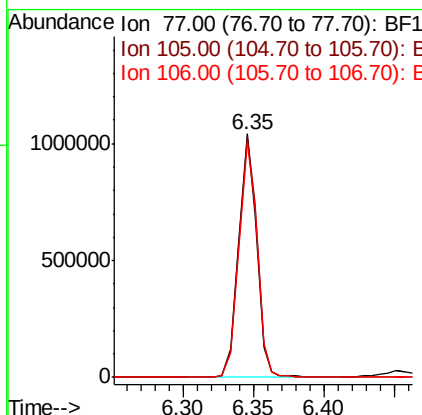
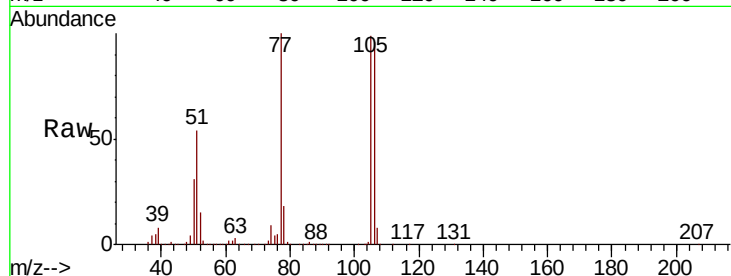
ClientSampleId :

S1-0-0.5-BGSMS

Tot Ion:	77	Resp:	926237
Ion Ratio	Lower	Upper	
77	100		
105	99.0	81.4	121.4
106	96.2	77.9	117.9

Manual Integrations
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#10

Phenol

Concen: 41.229 ng

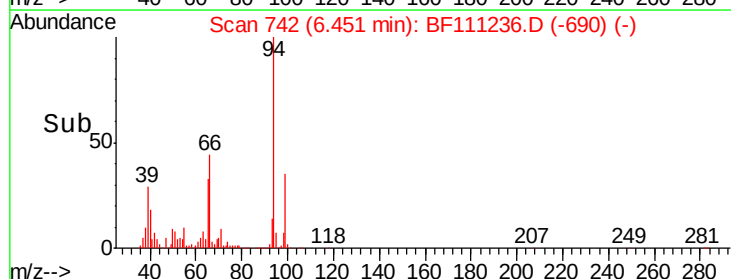
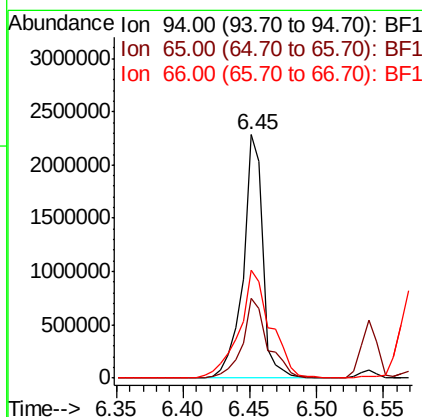
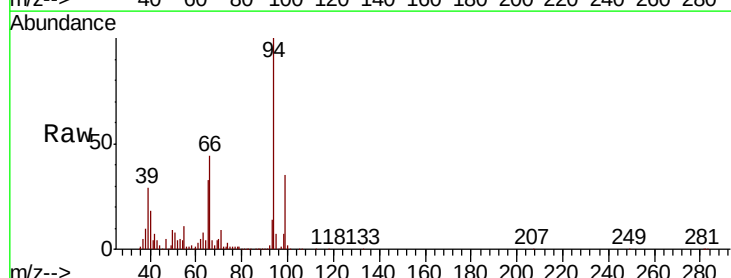
RT: 6.45 min Scan# 742

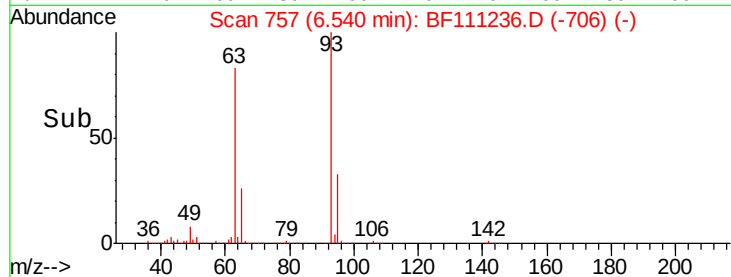
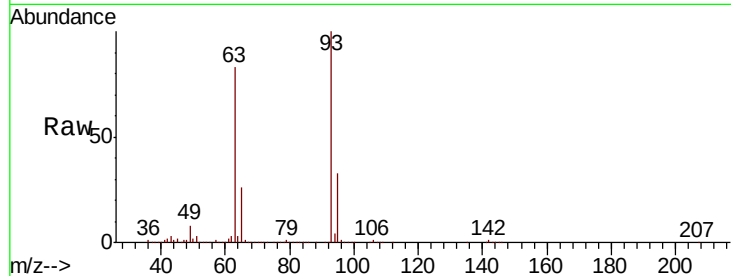
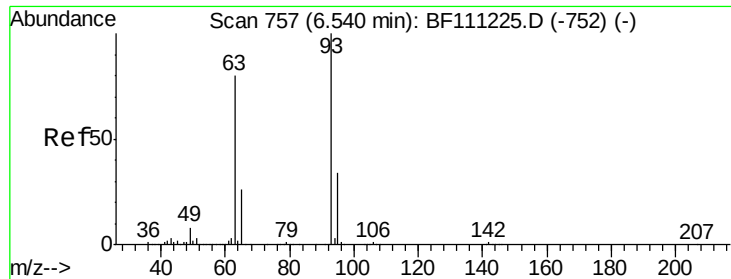
Delta R.T. 0.01 min

Lab File: BF111236.D

Acq: 10 Dec 2018 12:23

Tgt Ion:	94	Resp:	2320903
Ion Ratio	Lower	Upper	
94	100		
65	32.6	11.7	51.7
66	44.2	21.0	61.0





#11
bis(2-Chloroethyl)ether
Concen: 39.959 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

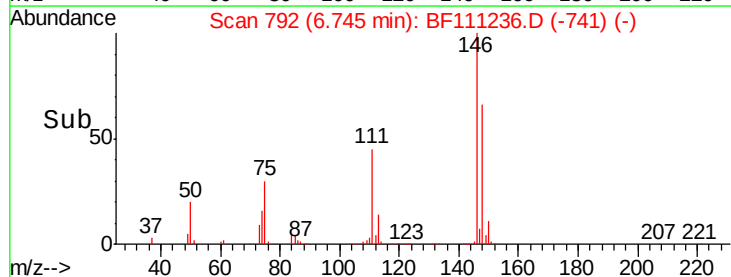
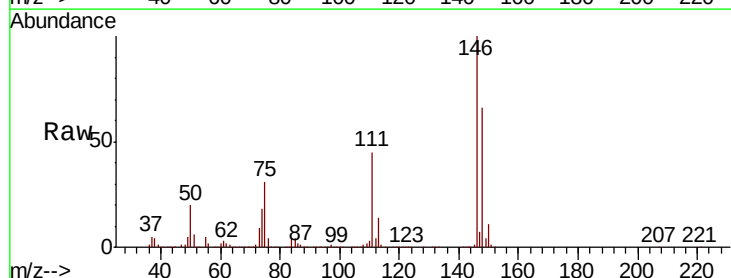
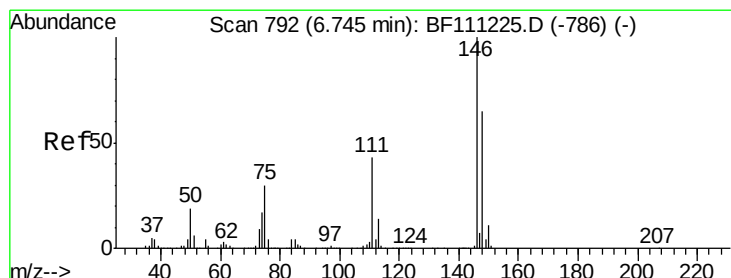
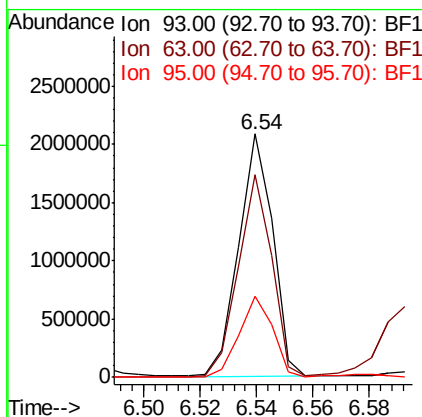
Tot Ion: 93 Resp: 1739702

Ion	Ratio	Lower	Upper
93	100		
63	83.3	60.0	100.0
95	33.2	13.4	53.4

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

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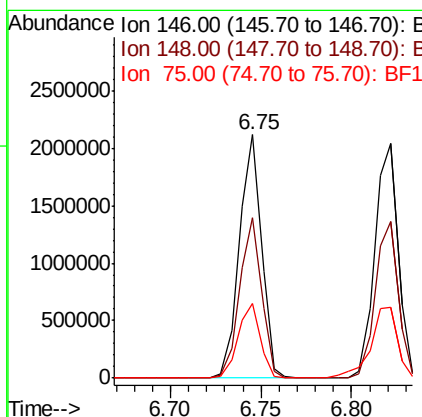
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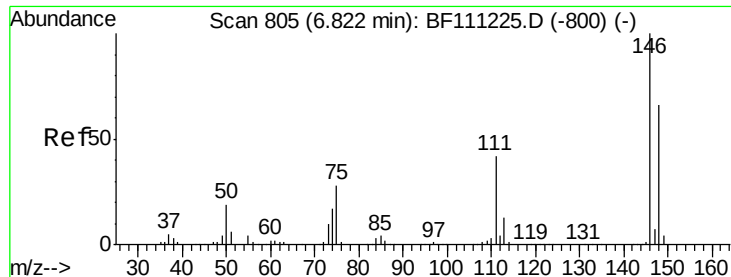


#12
1,3-Dichlorobenzene
Concen: 38.082 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

Tgt Ion: 146 Resp: 1801830

Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.1	78.1
75	30.6	23.9	35.9





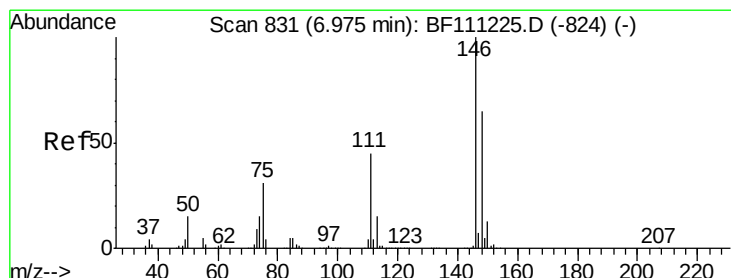
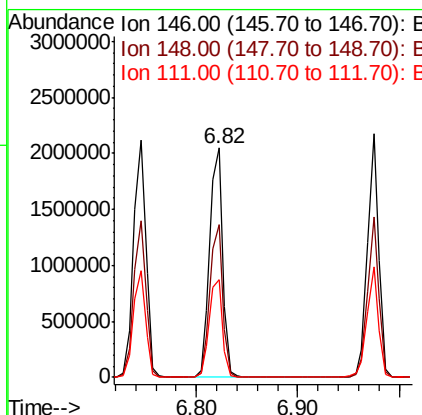
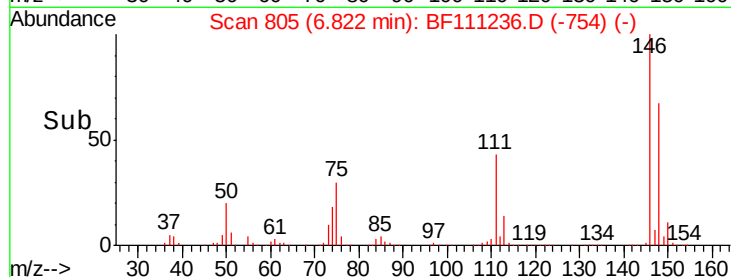
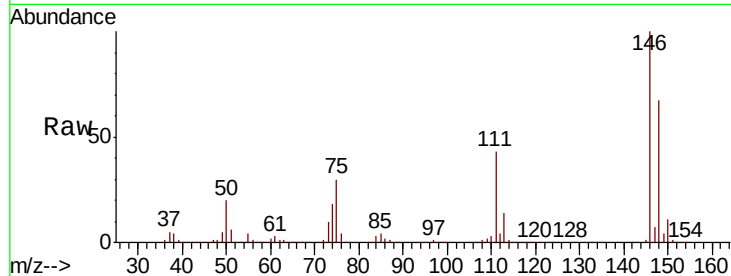
#13
1,4-Dichlorobenzene
Concen: 38.475 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

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

Tot Ion:146 Resp: 1838103
Ion Ratio Lower Upper
146 100
148 66.6 52.8 79.2
111 42.6 33.4 50.0

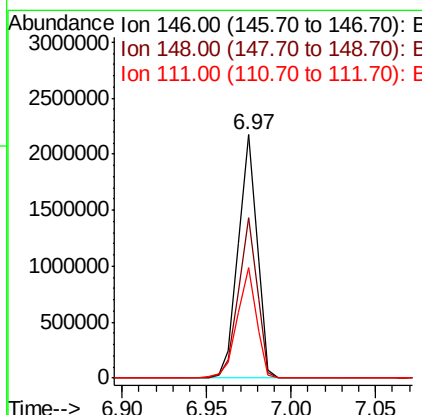
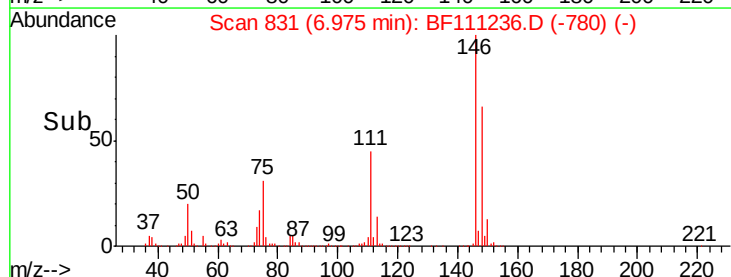
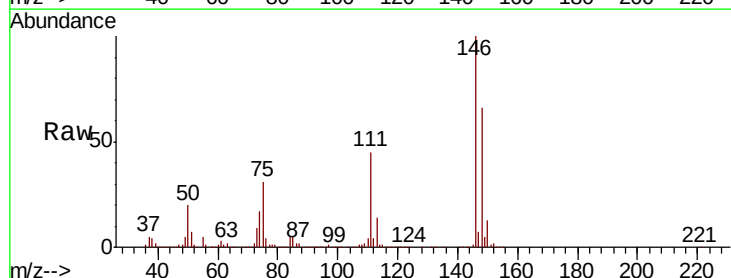
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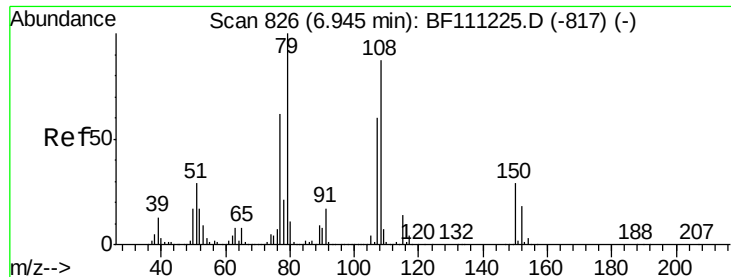
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#14
1,2-Dichlorobenzene
Concen: 38.057 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

Tgt Ion:146 Resp: 1695785
Ion Ratio Lower Upper
146 100
148 65.7 51.9 77.9
111 45.5 36.2 54.4





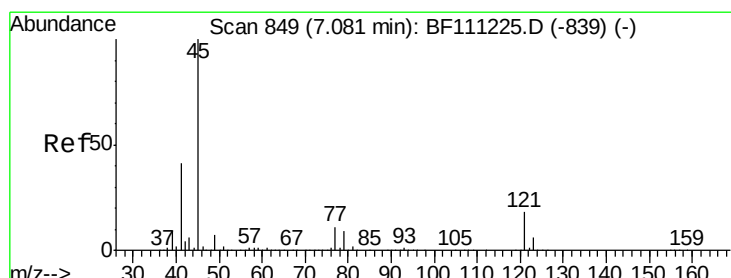
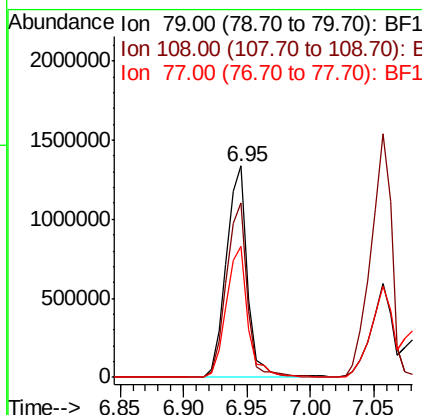
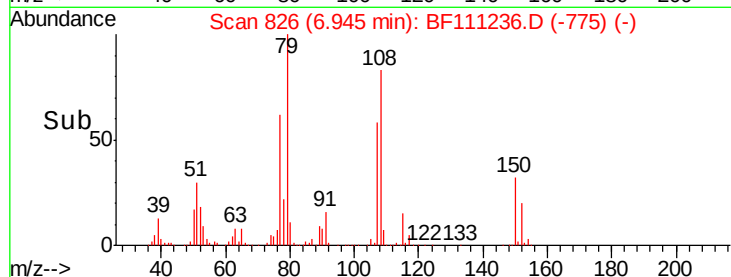
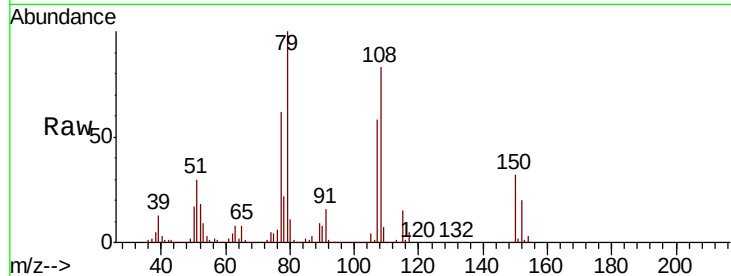
#15
Benzyl Alcohol
Concen: 40.534 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

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

Tot Ion: 79 Resp: 1544279
Ion Ratio Lower Upper
79 100
108 82.8 69.4 104.2
77 62.0 49.7 74.5

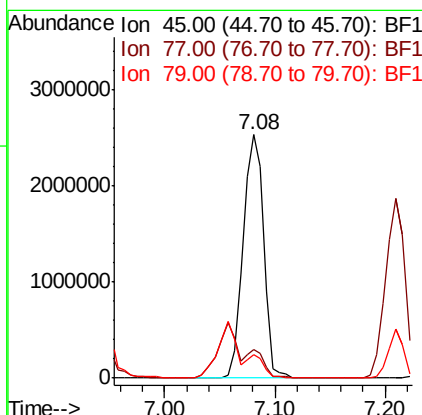
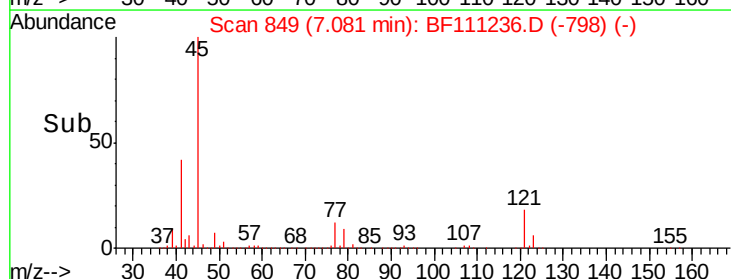
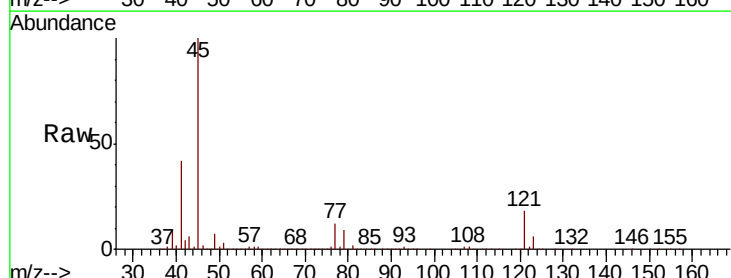
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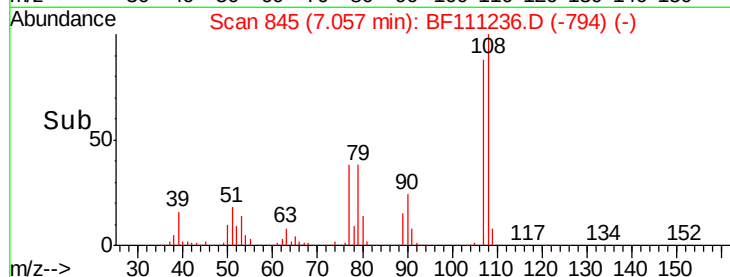
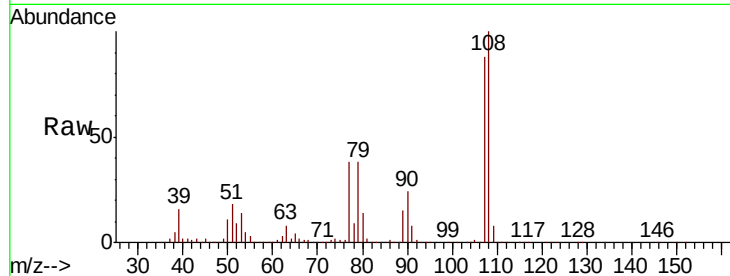
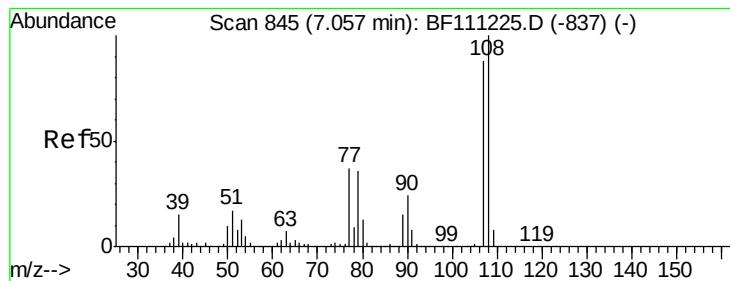
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.473 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

Tgt Ion: 45 Resp: 3299016
Ion Ratio Lower Upper
45 100
77 11.7 0.0 31.5
79 9.4 0.0 28.9





#17

2-Methylphenol

Concen: 42.236 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF111236.D

Acq: 10 Dec 2018 12:23

Tot Ion:	107	Resp:	1518414
Ion	Ratio	Lower	Upper
107	100		
108	113.3	91.0	136.4
77	42.7	33.5	50.3
79	43.5	33.3	49.9

Instrument :

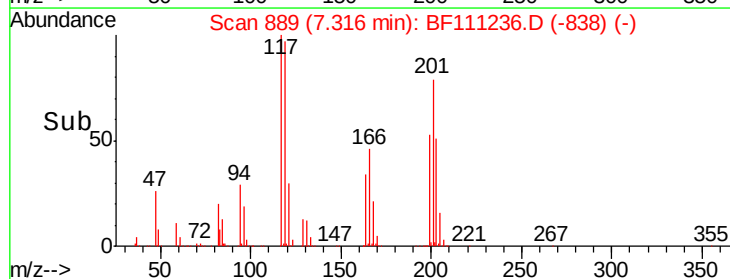
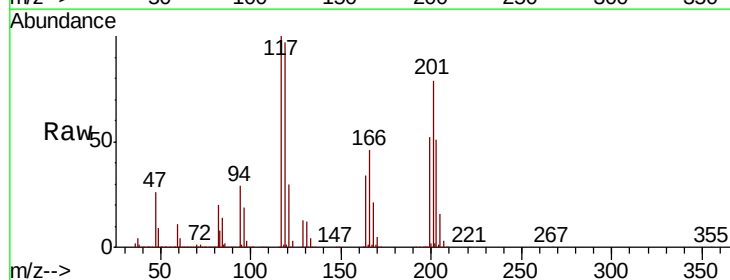
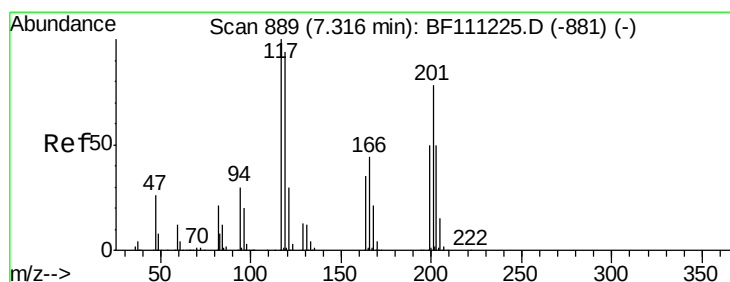
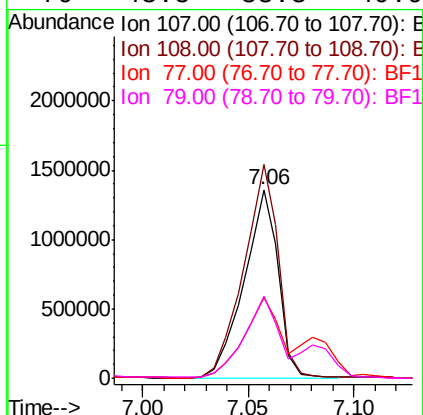
BNA_F

ClientSampleId :

S1-0-0.5-BGSMS

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#18

Hexachloroethane

Concen: 39.105 ng

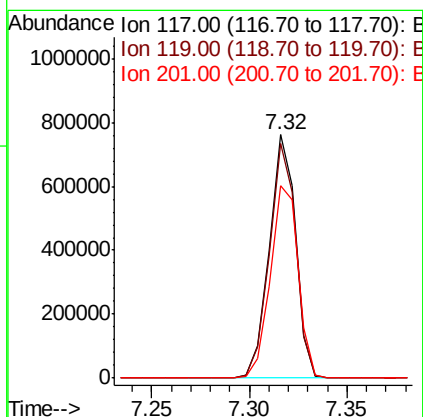
RT: 7.32 min Scan# 889

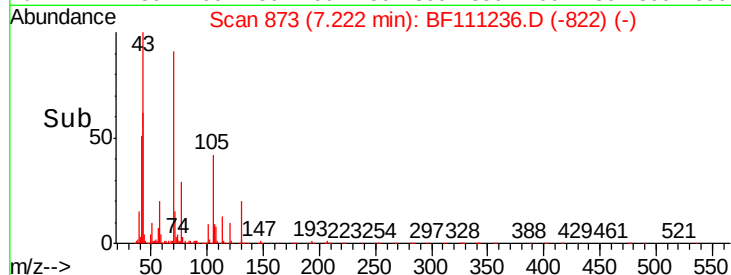
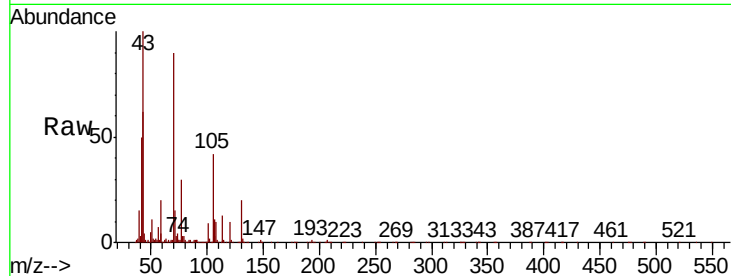
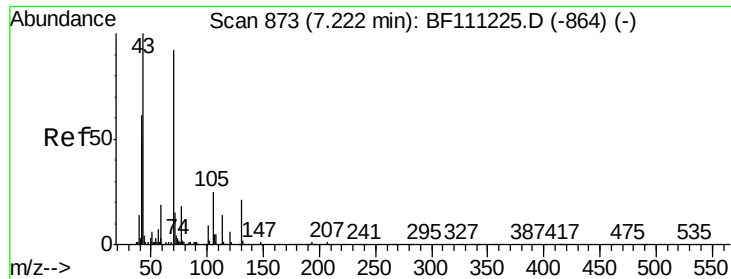
Delta R.T. -0.00 min

Lab File: BF111236.D

Acq: 10 Dec 2018 12:23

Tgt Ion:	117	Resp:	711286
Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.4	113.0
201	79.3	62.4	93.6





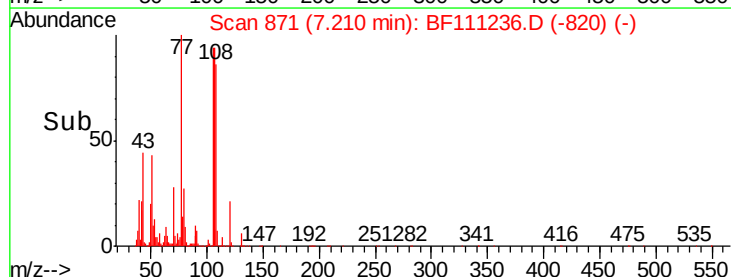
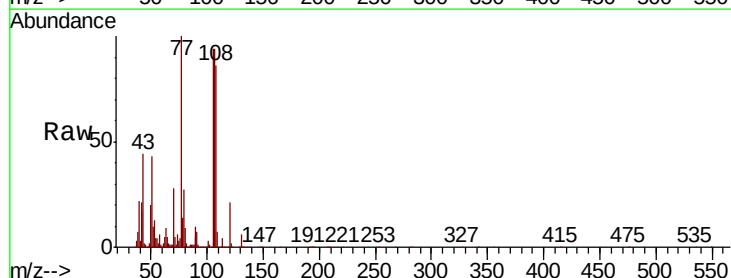
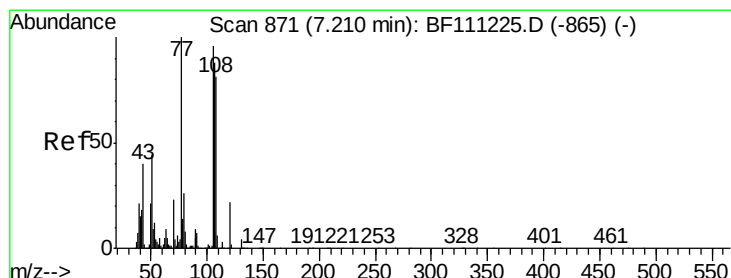
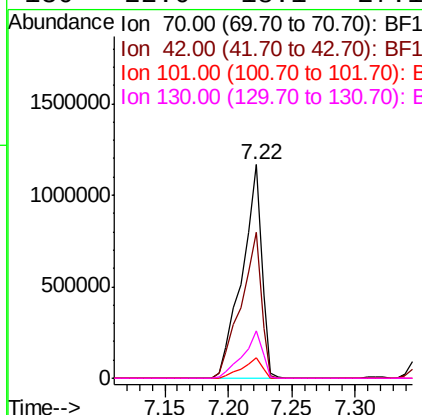
#19
n-Nitroso-di-n-propylamine
Concen: 38.996 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

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

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.5	53.2	79.8	
101	9.4	8.2	12.4	
130	22.0	18.1	27.1	

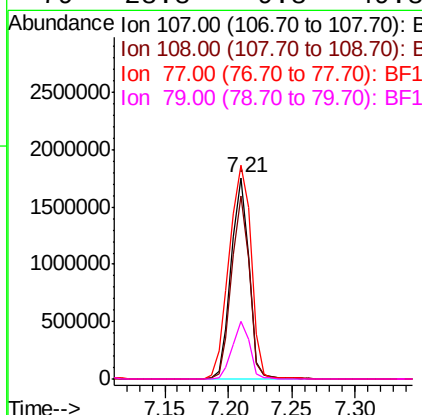
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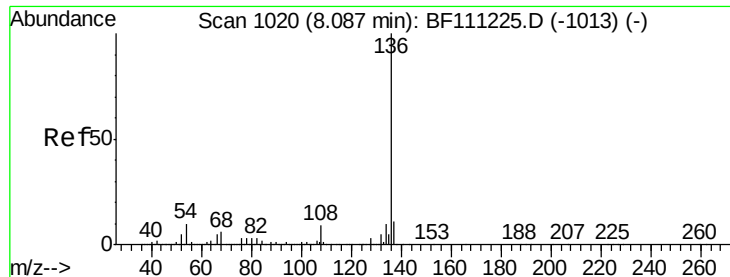
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#20
3+4-Methylphenols
Concen: 39.791 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.8	72.1	112.1	
77	106.0	94.1	134.1	
79	28.8	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: BF111236.D

Acq: 10 Dec 2018 12:23

Instrument :

BNA_F

ClientSampleId :

S1-0-0.5-BGSMS

Tot Ion:136 Resp: 2405412

Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 9.6 7.7 11.5

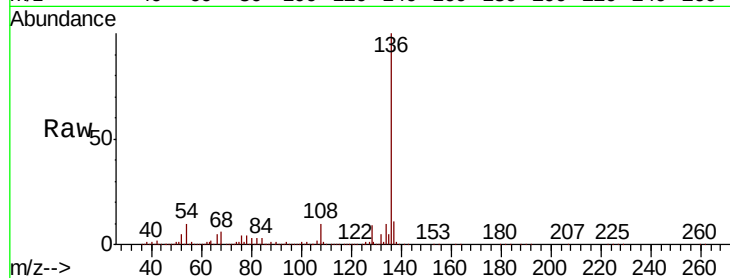
68 6.3 4.9 7.3

Manual Integrations

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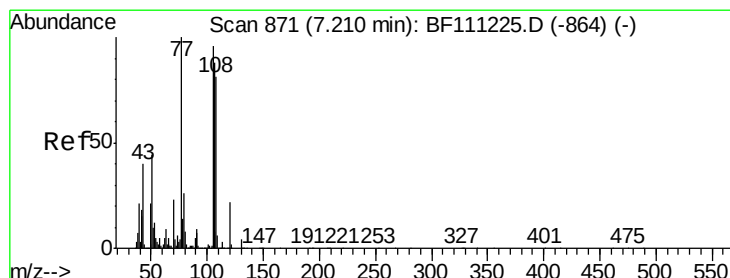
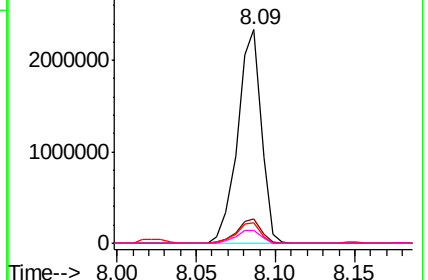
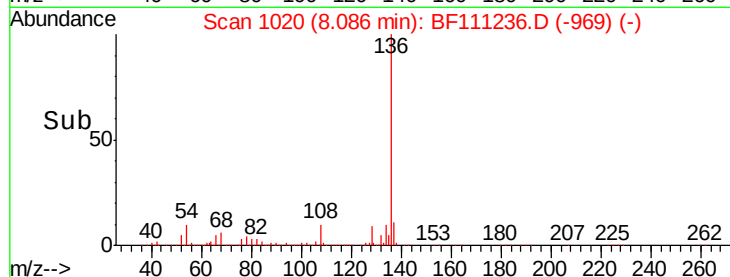


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.925 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF111236.D

Acq: 10 Dec 2018 12:23

Tgt Ion:105 Resp: 2307480

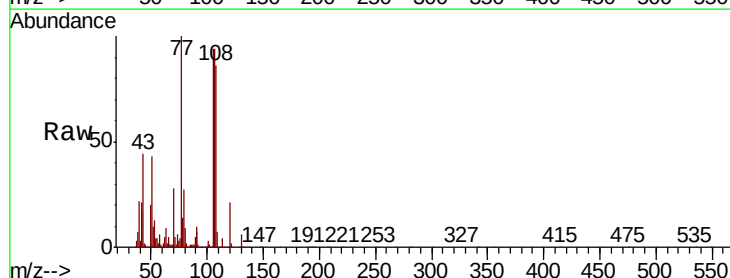
Ion Ratio Lower Upper

105 100

71 5.0 3.1 4.7#

51 45.3 36.6 54.8

120 22.8 18.2 27.4

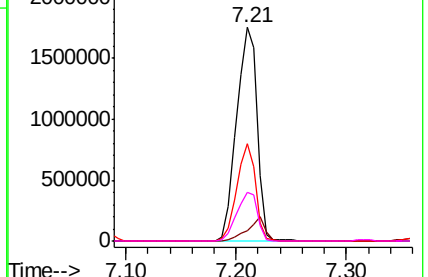
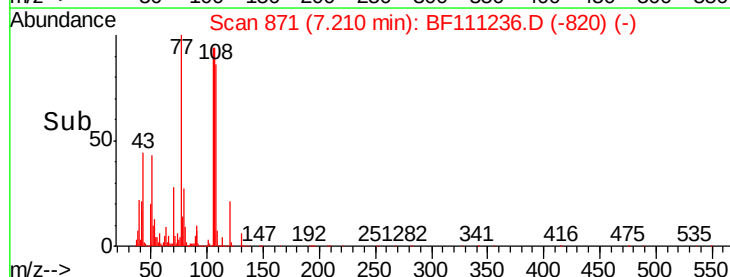


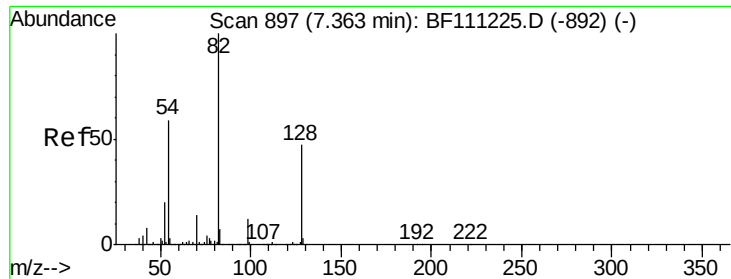
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





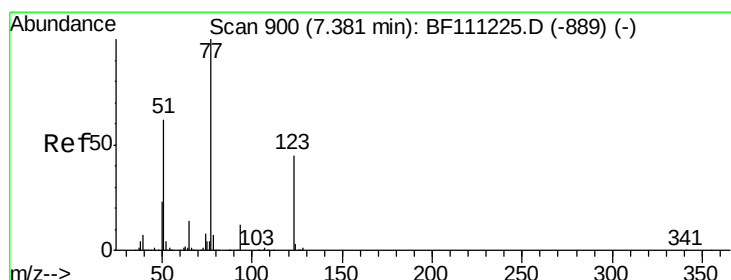
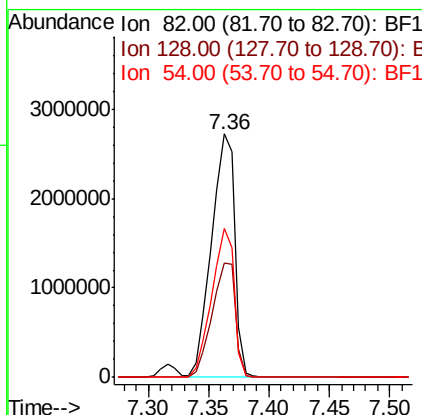
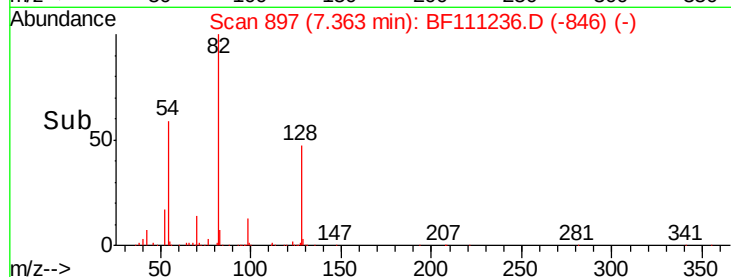
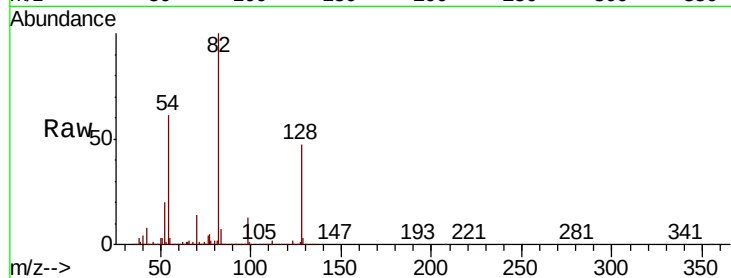
#23
Nitrobenzene-d5
Concen: 84.048 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

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

Tot Ion: 82 Resp: 3604493
Ion Ratio Lower Upper
82 100
128 47.1 37.4 56.2
54 61.0 47.6 71.4

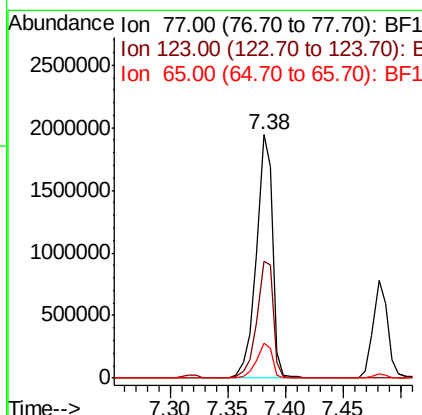
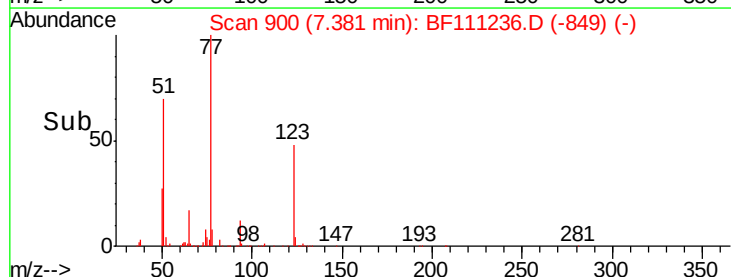
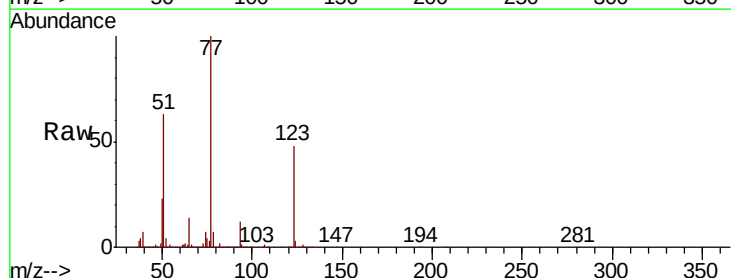
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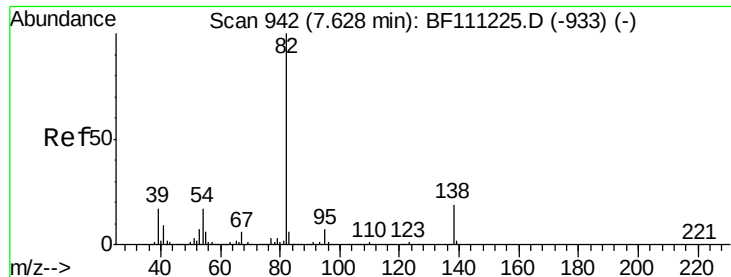
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#24
Nitrobenzene
Concen: 42.493 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

Tgt Ion: 77 Resp: 1896680
Ion Ratio Lower Upper
77 100
123 48.0 37.2 55.8
65 14.3 11.5 17.3





#25

Isophorone

Concen: 47.583 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF111236.D

Acq: 10 Dec 2018 12:23

Instrument :

BNA_F

ClientSampleId :

S1-0-0.5-BGSMS

Tot Ion: 82 Resp: 3475621

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

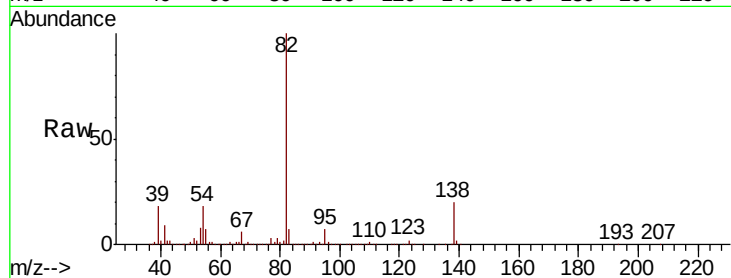
138 19.9 15.1 22.7

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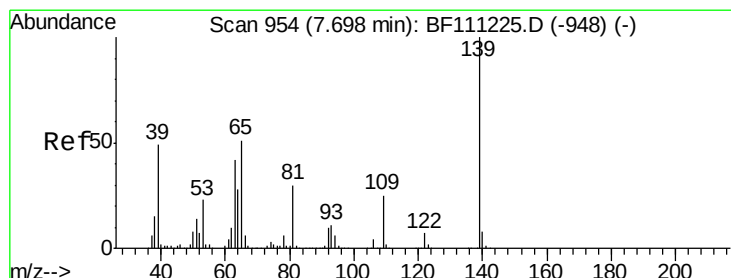
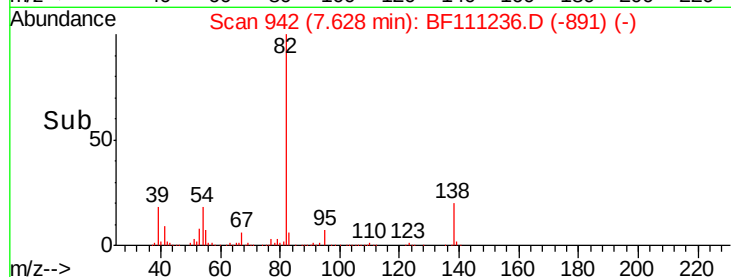
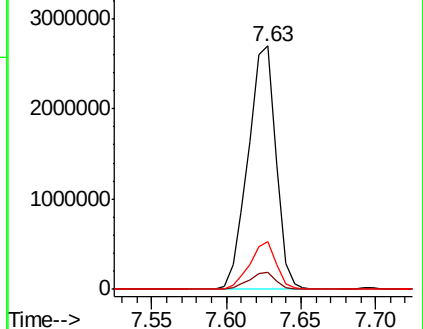
12/11/2018 8:42:25 AM



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.060 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF111236.D

Acq: 10 Dec 2018 12:23

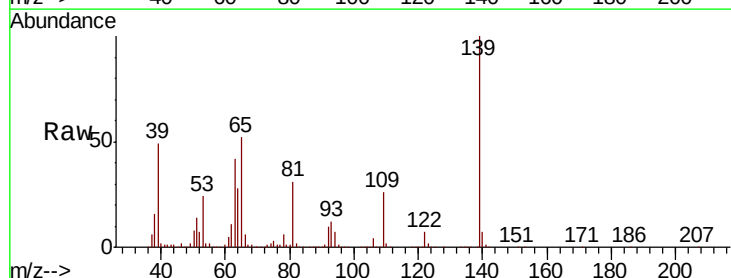
Tgt Ion: 139 Resp: 954922

Ion Ratio Lower Upper

139 100

109 26.0 20.2 30.4

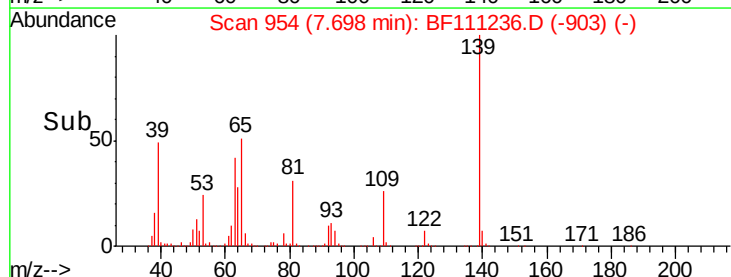
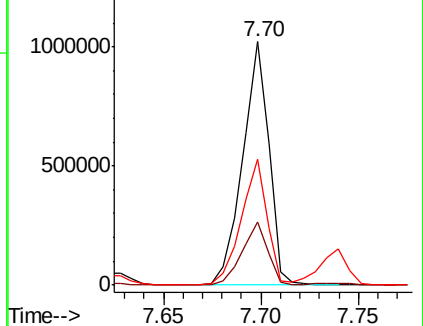
65 51.6 40.7 61.1

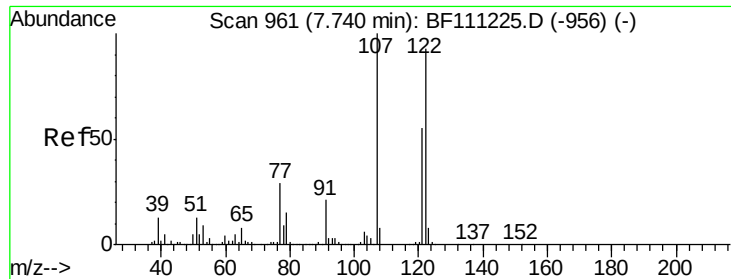


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 46.051 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF111236.D

Acq: 10 Dec 2018 12:23

Instrument :

BNA_F

ClientSampleId :

S1-0-0.5-BGSMS

Tot Ion:122 Resp: 1578099

Ion Ratio Lower Upper

122 100

107 108.0 85.5 128.3

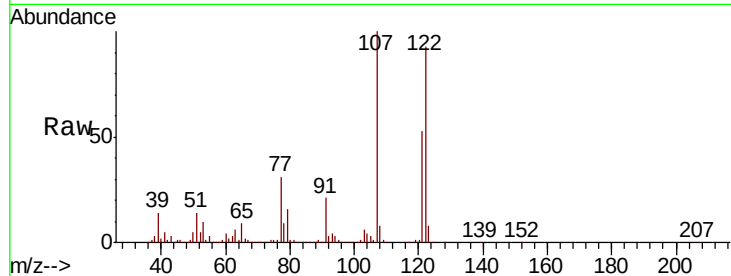
121 57.3 46.6 70.0

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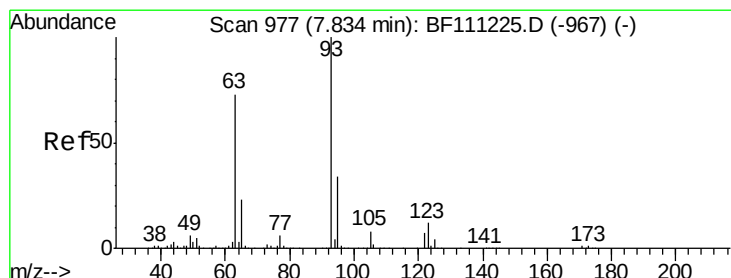
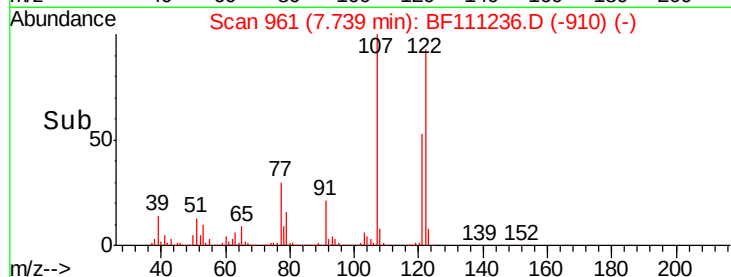
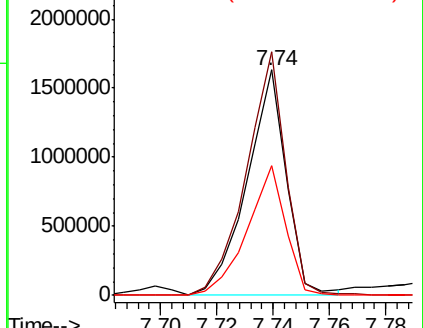
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.884 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BF111236.D

Acq: 10 Dec 2018 12:23

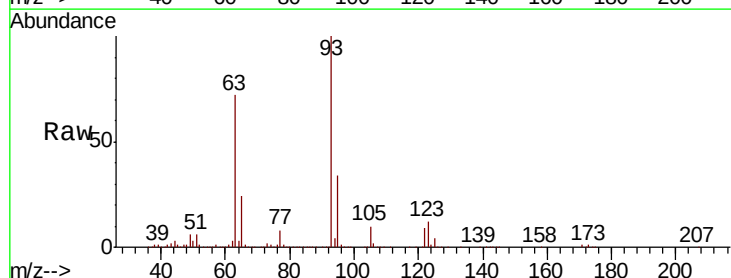
Tgt Ion: 93 Resp: 2219733

Ion Ratio Lower Upper

93 100

95 34.1 27.1 40.7

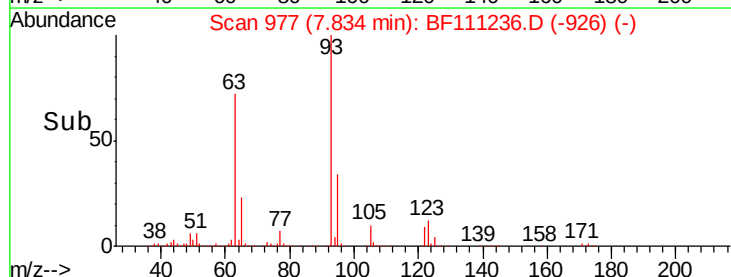
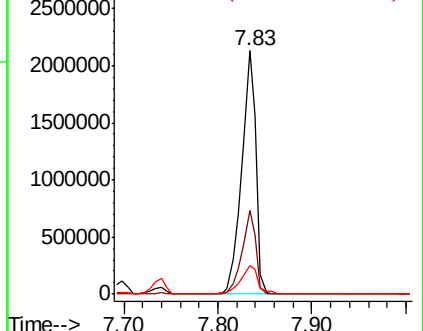
123 12.0 9.9 14.9

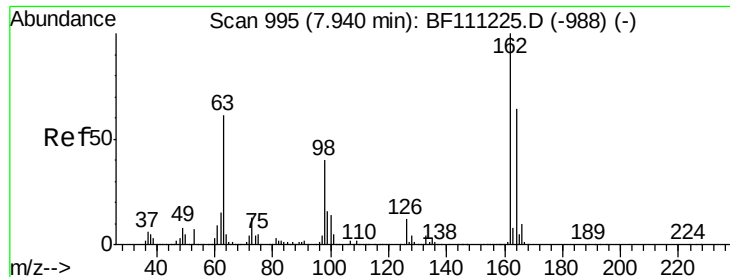


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





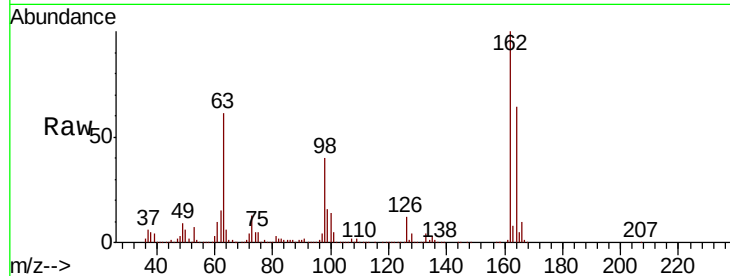
#29
2,4-Dichlorophenol
Concen: 42.307 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.4	84.4
98	40.3	20.3	60.3

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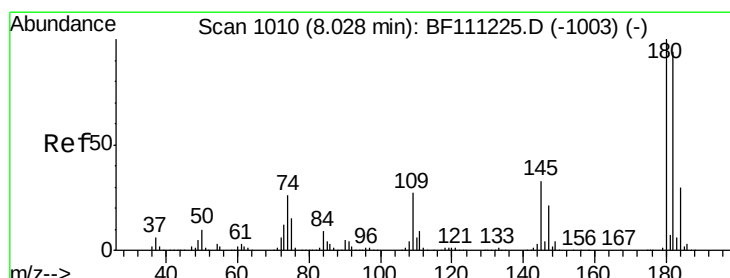
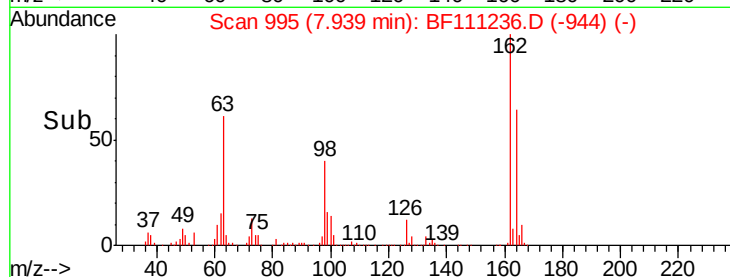
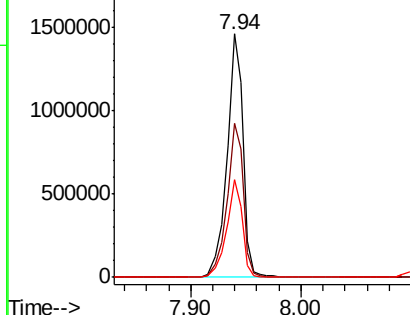


Abundance

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: 41.598 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

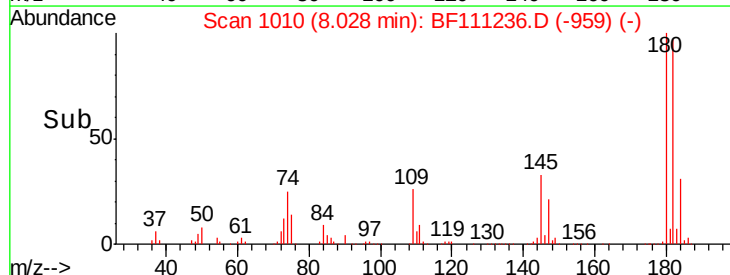
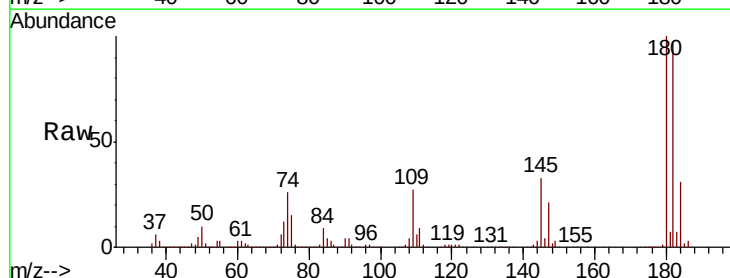
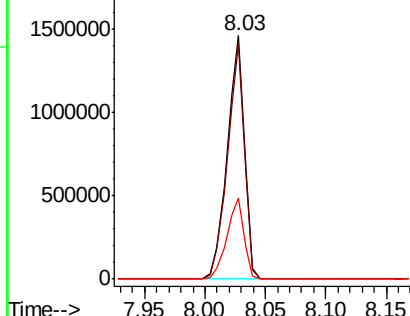
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	75.6	113.4
145	33.1	26.7	40.1

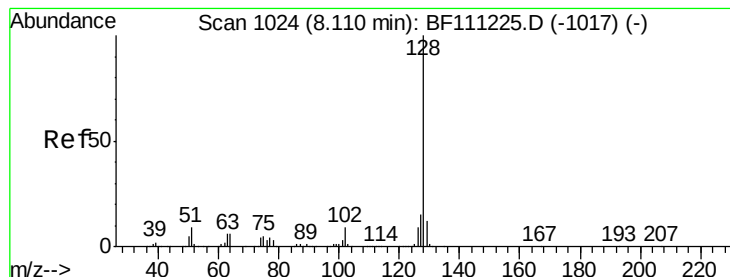
Abundance

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: 44.438 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF111236.D

Acq: 10 Dec 2018 12:23

Instrument :

BNA_F

ClientSampleId :

S1-0-0.5-BGSMS

Tot Ion:128 Resp: 4665144

Ion Ratio Lower Upper

128 100

129 12.8 9.8 14.8

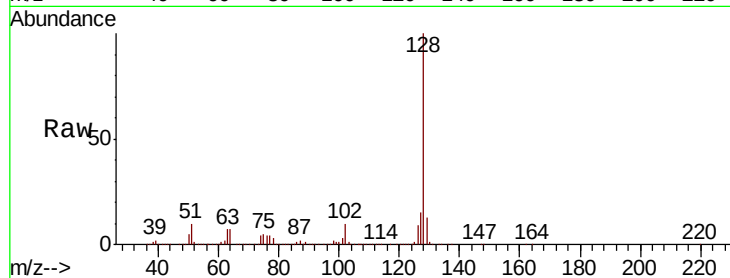
127 15.3 12.0 18.0

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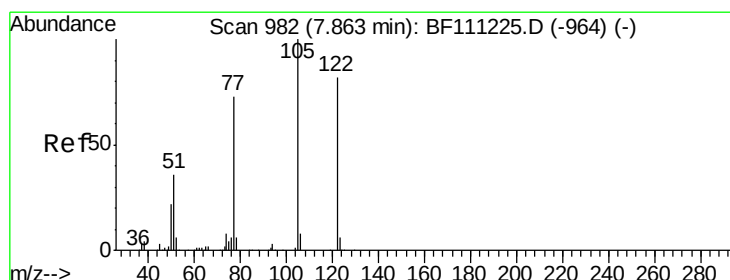
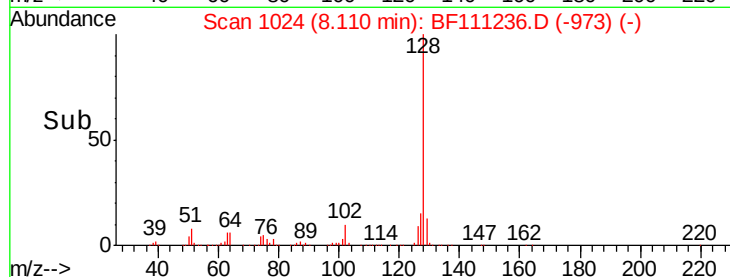
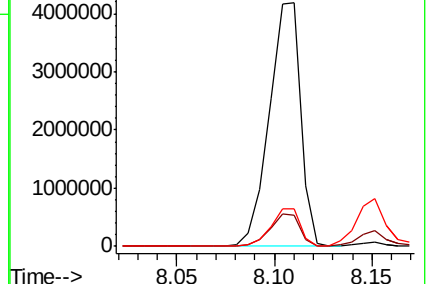
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.408 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF111236.D

Acq: 10 Dec 2018 12:23

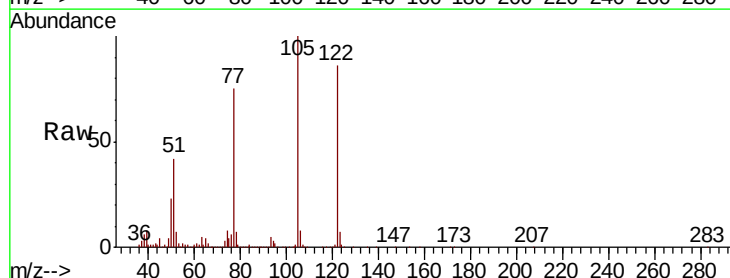
Tgt Ion:122 Resp: 918369

Ion Ratio Lower Upper

122 100

105 116.2 97.0 137.0

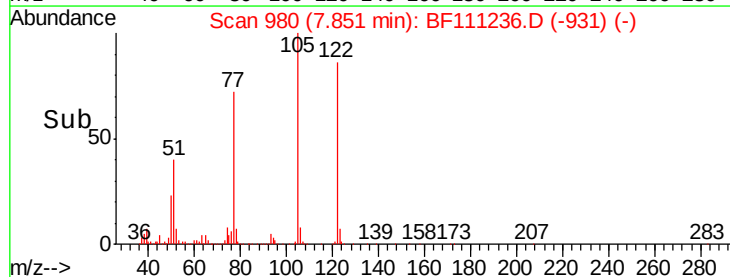
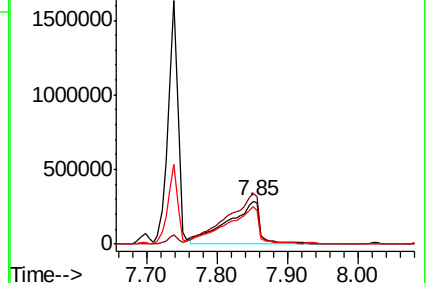
77 87.1 65.7 105.7

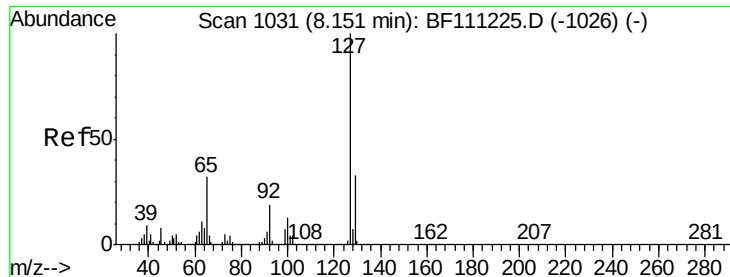


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





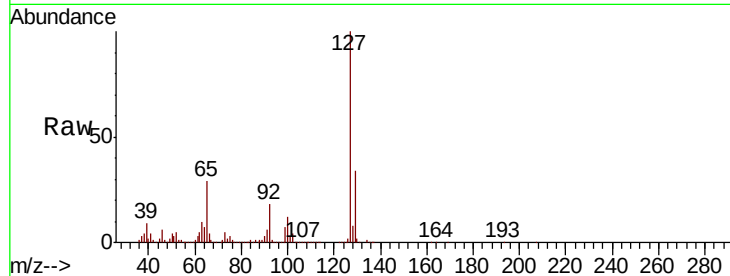
#33
4-Chloroaniline
Concen: 17.779 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

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

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.9	26.6	39.8
65	28.8	25.7	38.5
92	18.1	15.4	23.2

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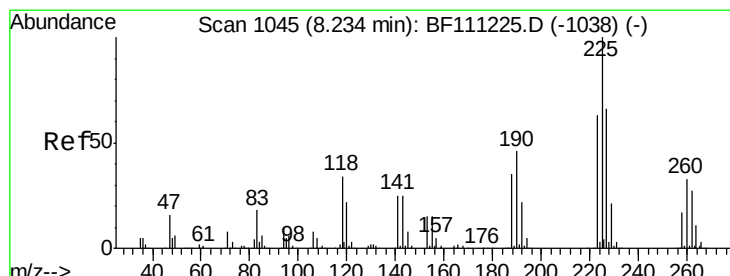
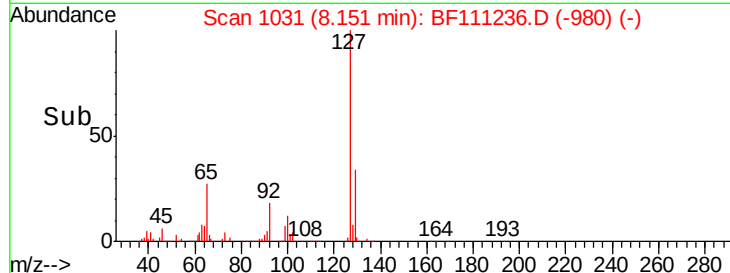
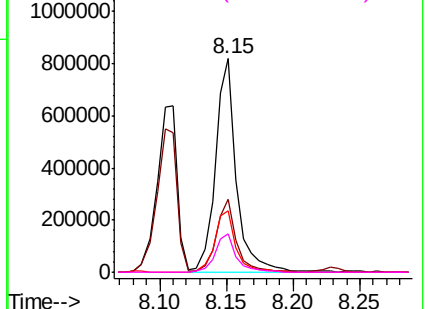
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

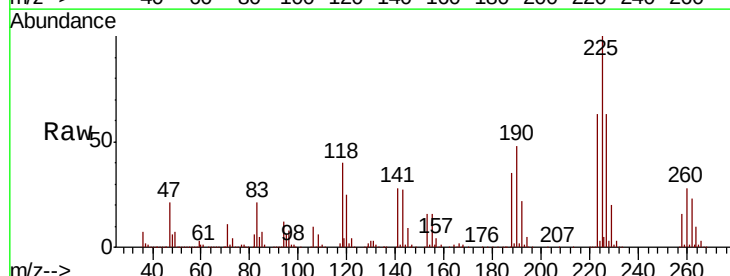
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.062 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.7	76.1
227	62.5	52.6	78.8

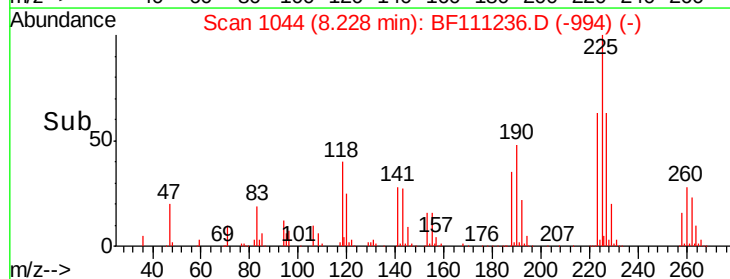
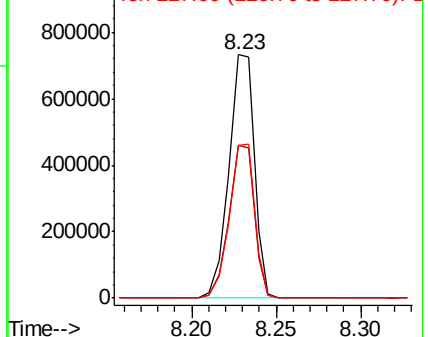


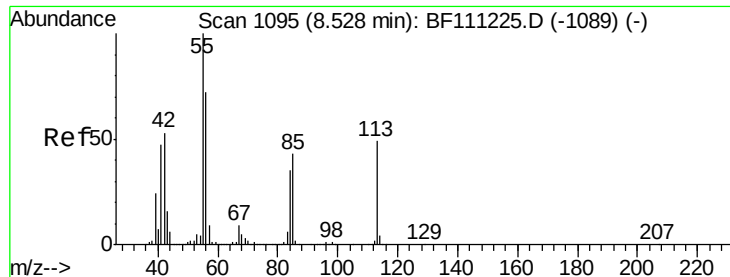
Abundance

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





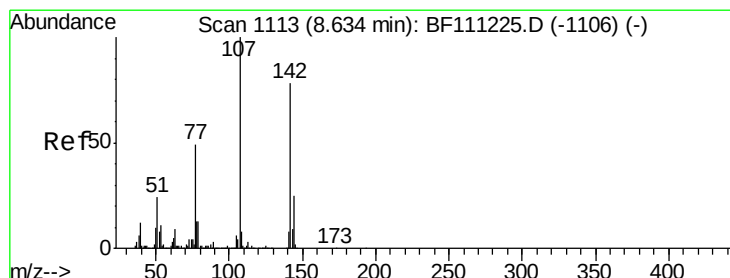
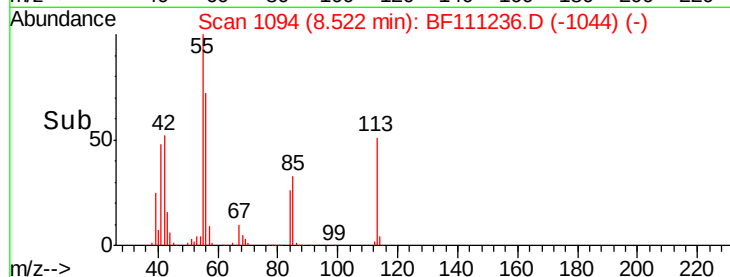
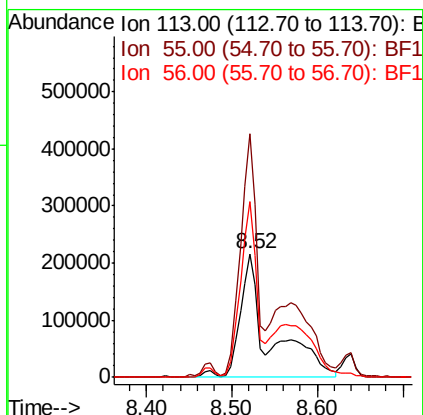
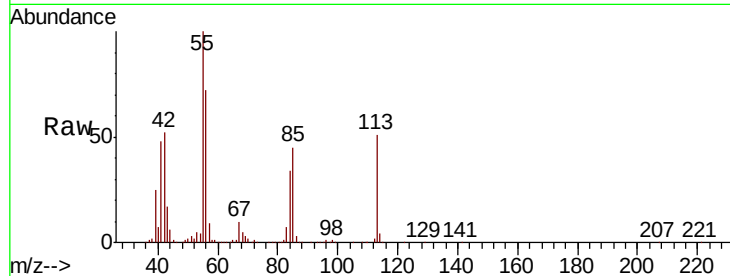
#35
 Caprolactam
 Concen: 42.372 ng/ml
 RT: 8.52 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF111236.D
 Acq: 10 Dec 2018 12:23

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	197.3	184.1	224.1
56	142.0	126.0	166.0

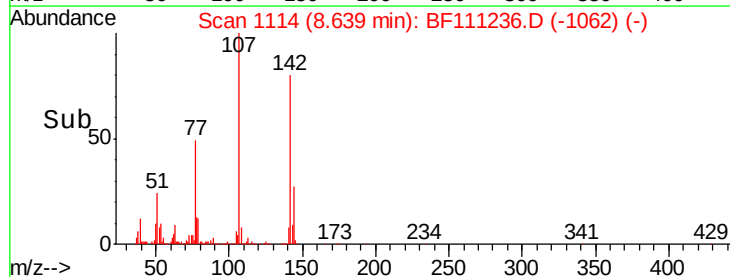
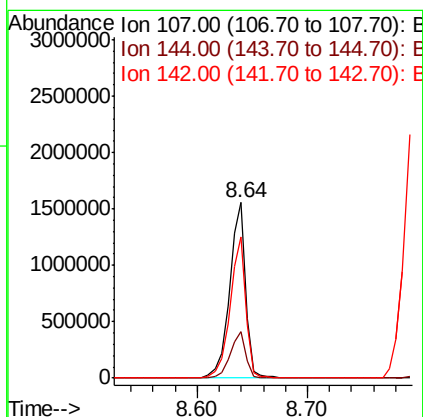
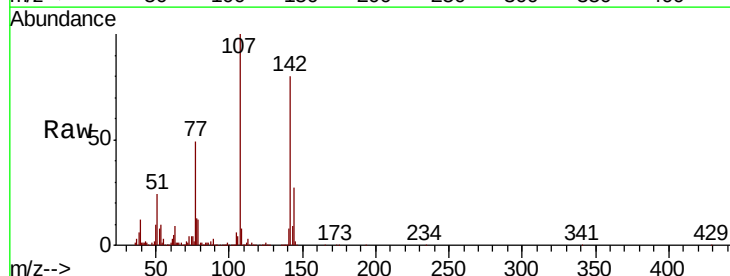
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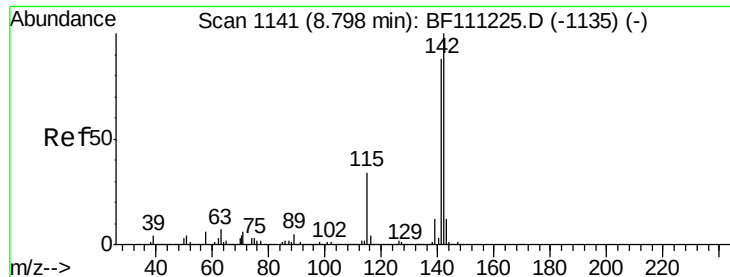
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#36
 4-Chloro-3-methylphenol
 Concen: 43.905 ng/ml
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BF111236.D
 Acq: 10 Dec 2018 12:23

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.6	19.8	29.6
142	80.3	62.3	93.5





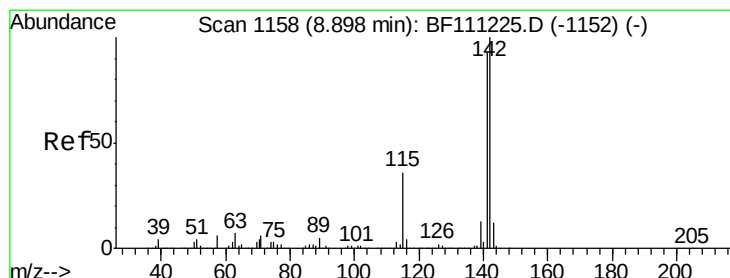
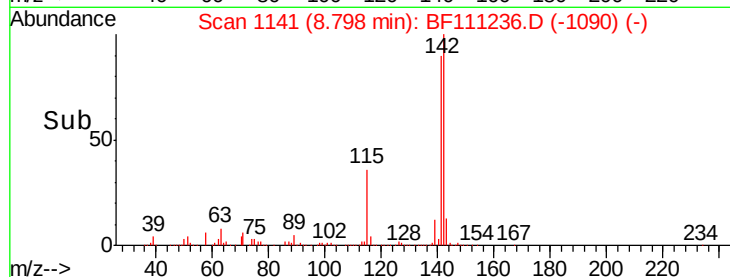
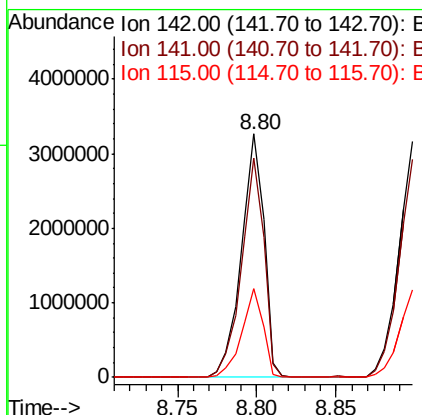
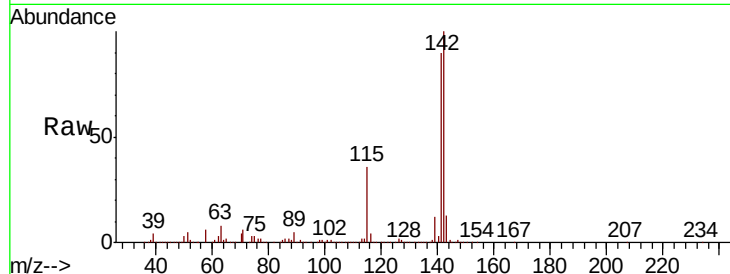
#37
2-Methylnaphthalene
Concen: 46.357 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

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

Tot Ion:142 Resp: 3231049
Ion Ratio Lower Upper
142 100
141 90.2 70.6 105.8
115 36.3 27.0 40.6

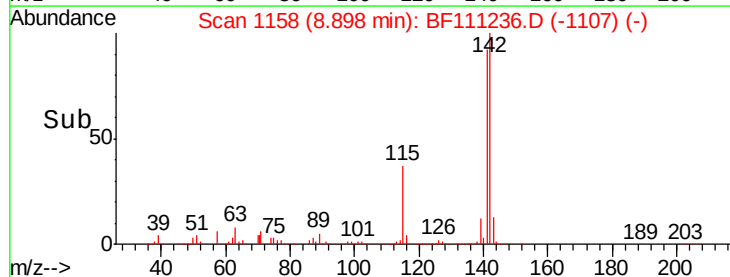
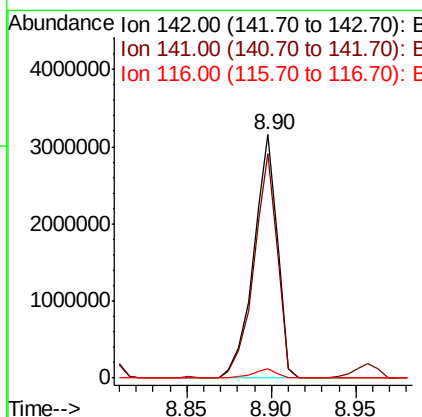
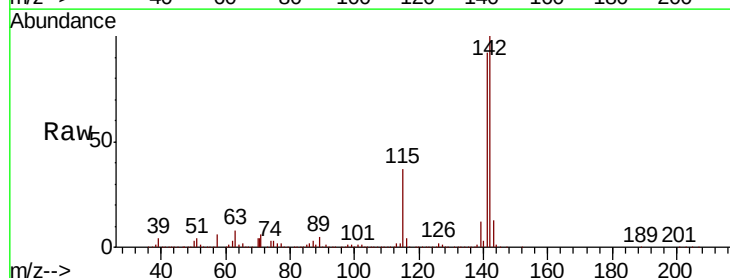
Manual Integrations
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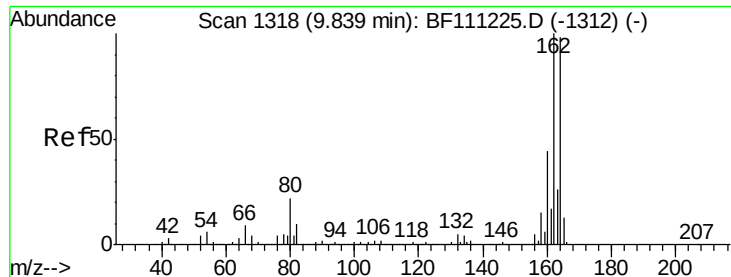
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#38
1-Methylnaphthalene
Concen: 45.211 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

Tgt Ion:142 Resp: 3085940
Ion Ratio Lower Upper
142 100
141 92.4 74.2 111.4
116 3.9 2.9 4.3





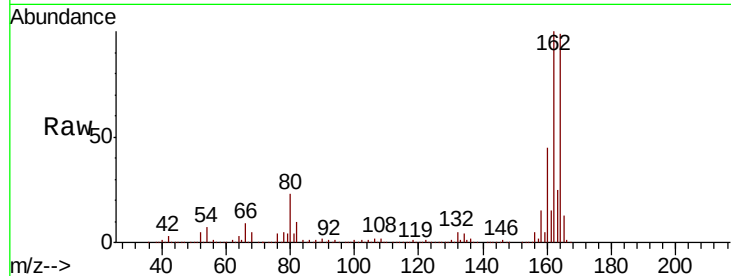
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.4	122.0
160	45.0	35.7	53.5

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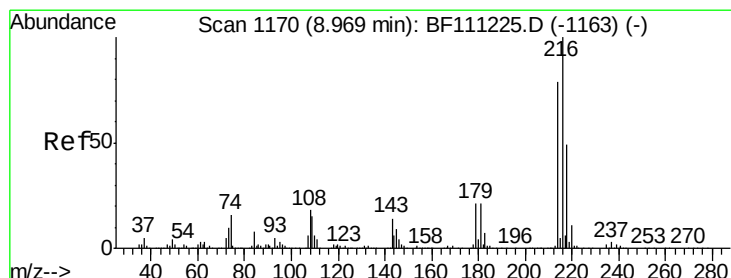
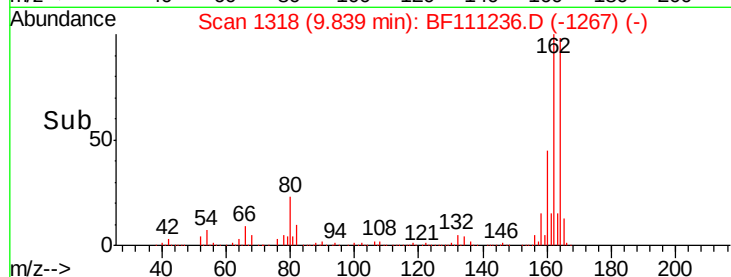
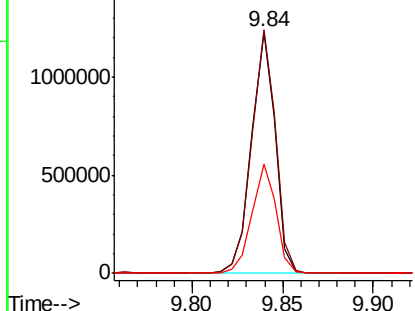


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.201 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.8	95.8
179	22.3	17.9	26.9
108	24.7	18.4	27.6

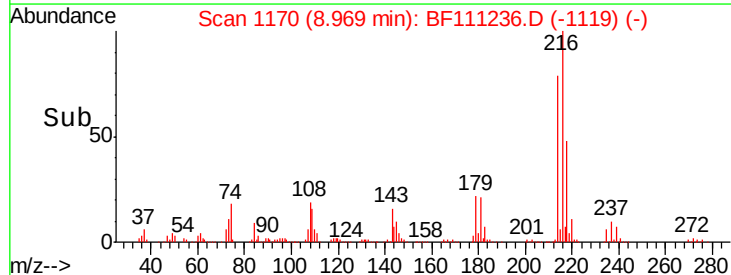
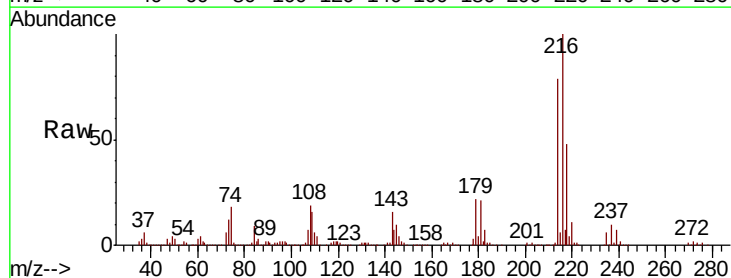
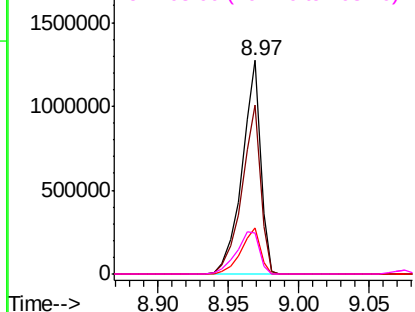
Abundance

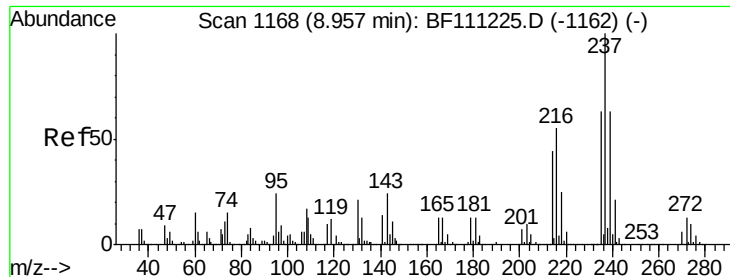
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





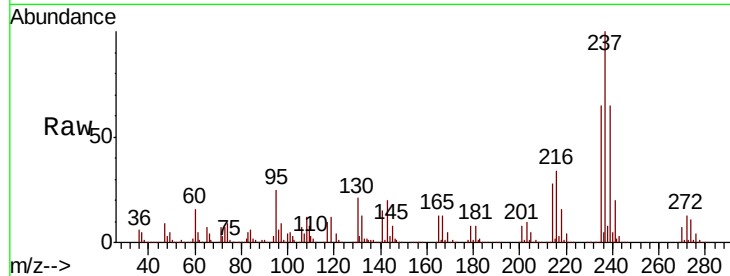
#41
Hexachlorocyclopentadiene
Concen: 71.861 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

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

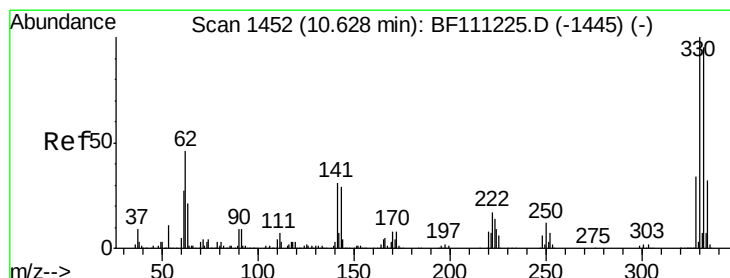
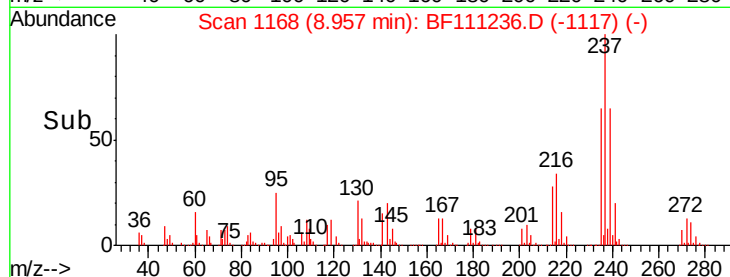
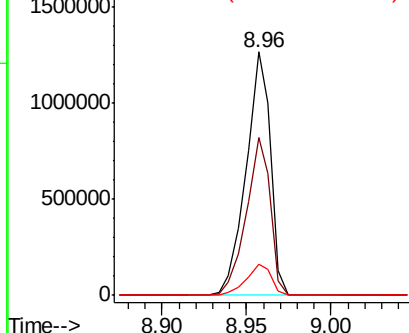
Tot Ion	Ratio	Lower	Upper
237	100		
235	64.7	43.1	83.1
272	12.8	0.0	33.0

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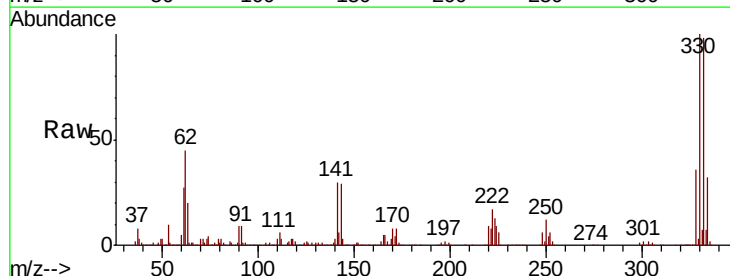


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

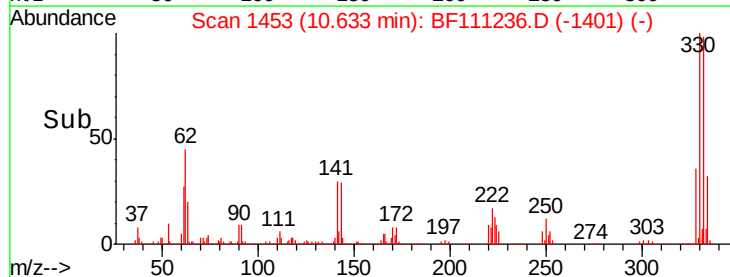
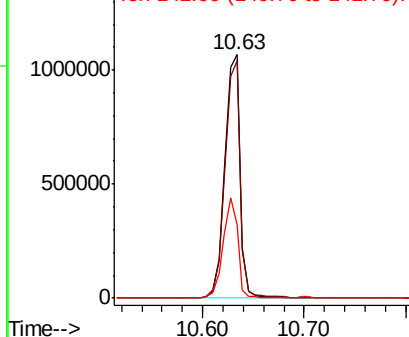


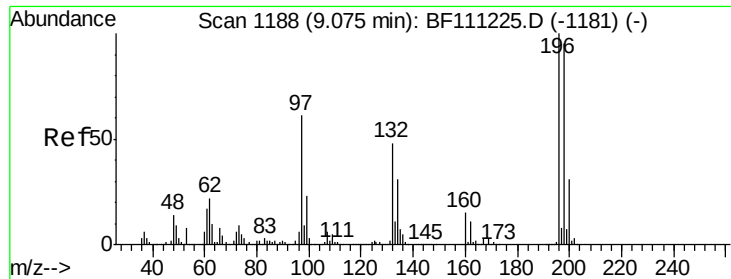
#42
2,4,6-Tribromophenol
Concen: 113.157 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.0	114.0
141	39.1	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: 41.051 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF111236.D

Acq: 10 Dec 2018 12:23

Instrument :

BNA_F

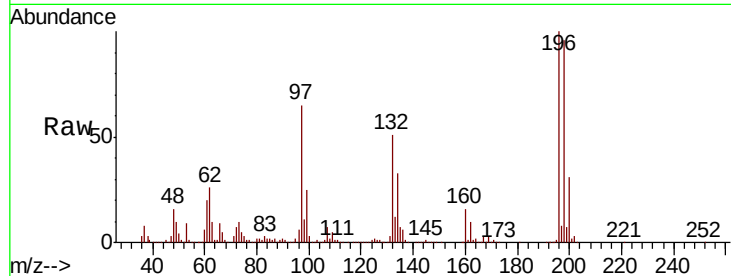
ClientSampleId :

S1-0-0.5-BGSMS

Tot Ion:	196	Resp:	961495
Ion Ratio	Lower	Upper	
196	100		
198	96.1	76.3	114.5
200	31.3	24.9	37.3

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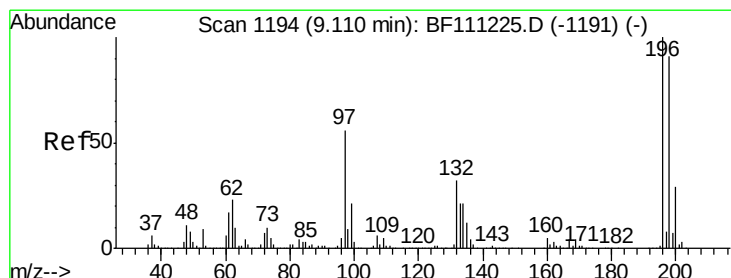
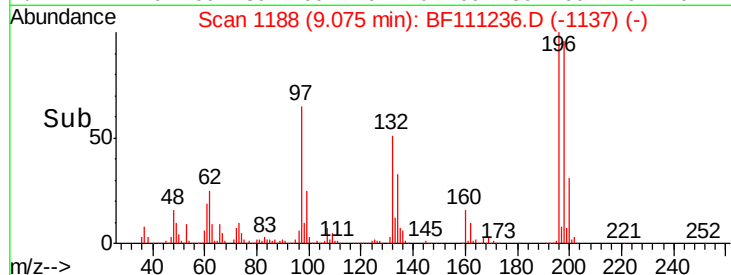
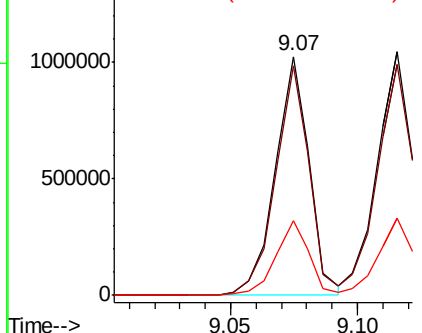


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 41.342 ng

RT: 9.12 min Scan# 1195

Delta R.T. 0.01 min

Lab File: BF111236.D

Acq: 10 Dec 2018 12:23

Tgt Ion:	196	Resp:	1008705
Ion Ratio	Lower	Upper	
196	100		
198	94.9	72.9	109.3
97	56.4	45.3	67.9
132	32.6	25.5	38.3

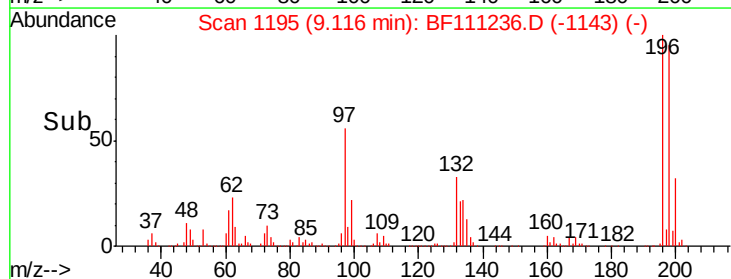
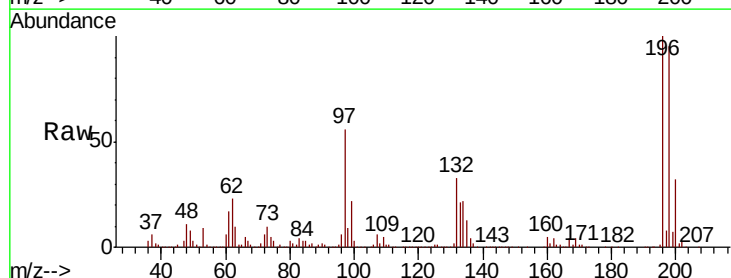
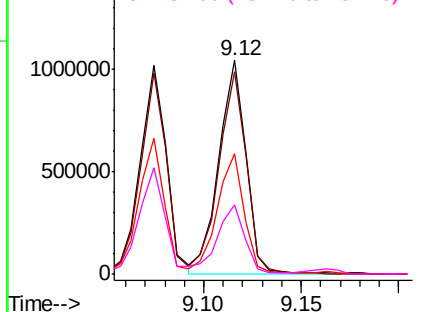
Abundance

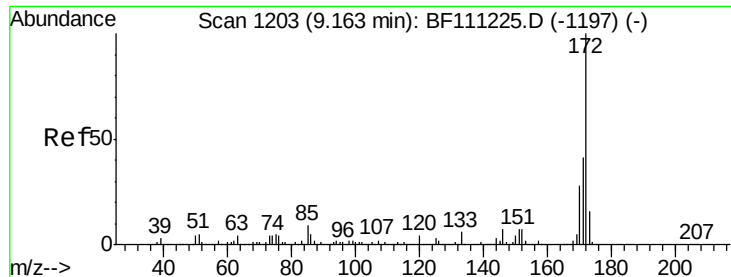
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





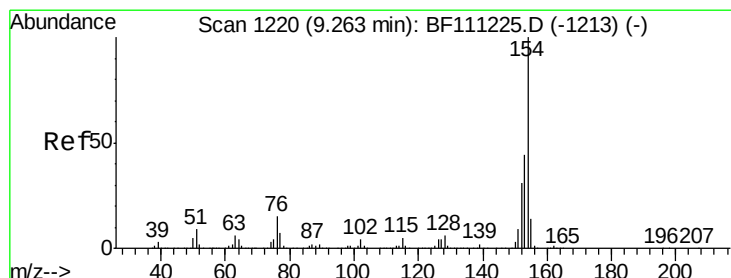
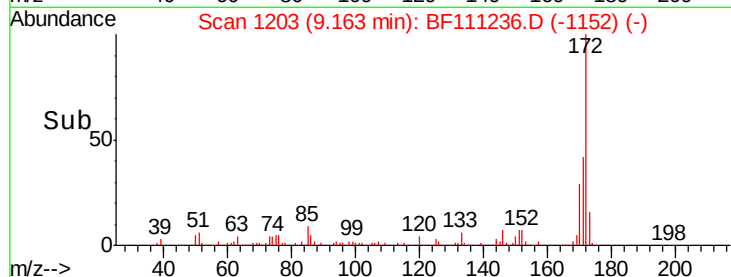
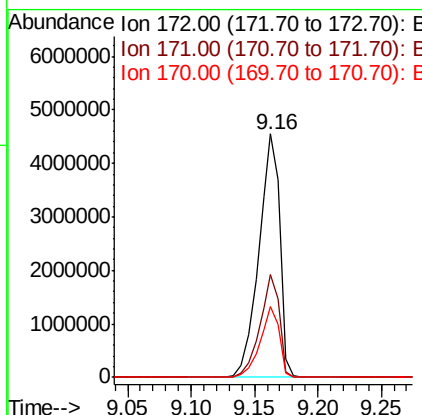
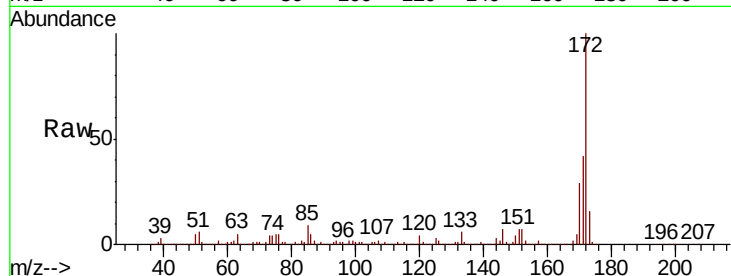
#45
2-Fluorobiphenyl
Concen: 79.856 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	42.3	33.0	49.4
170	29.0	22.3	33.5

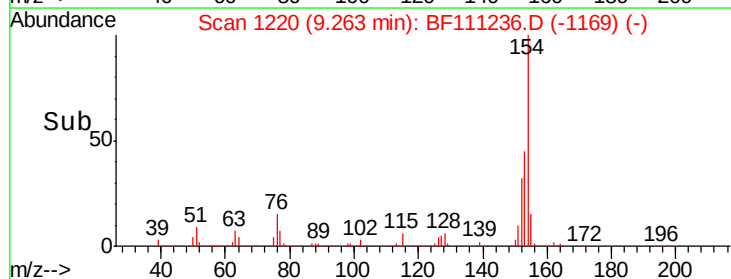
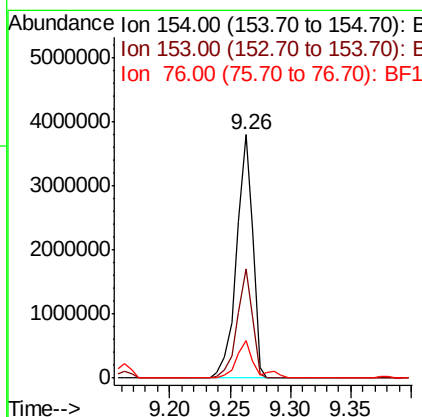
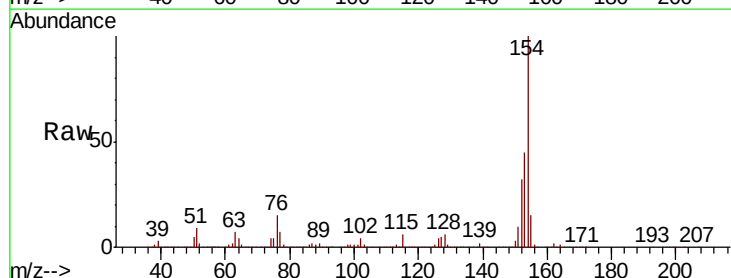
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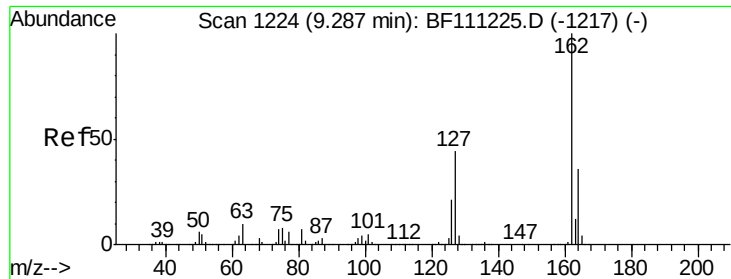
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#46
1,1'-Biphenyl
Concen: 38.574 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.7	23.7	63.7
76	15.5	0.0	35.0





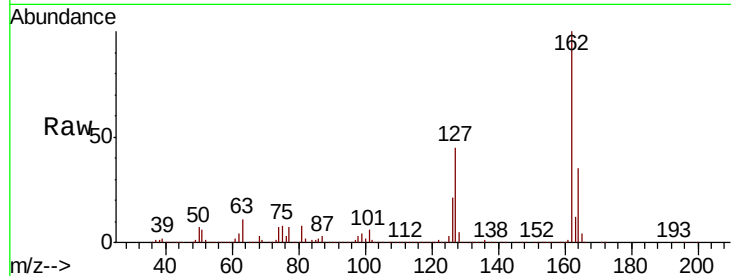
#47
2-Chloronaphthalene
Concen: 39.631 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

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

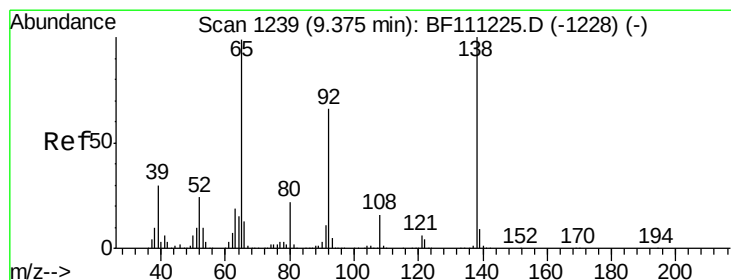
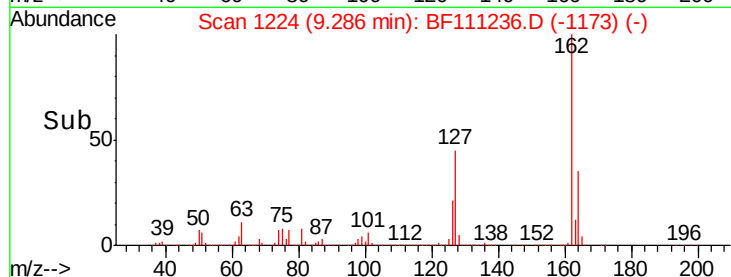
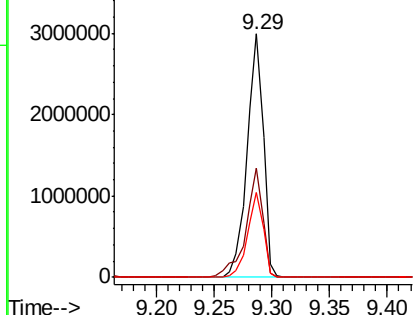
Tot Ion	Ratio	Lower	Upper
162	100		
127	44.8	35.0	52.4
164	34.8	28.4	42.6

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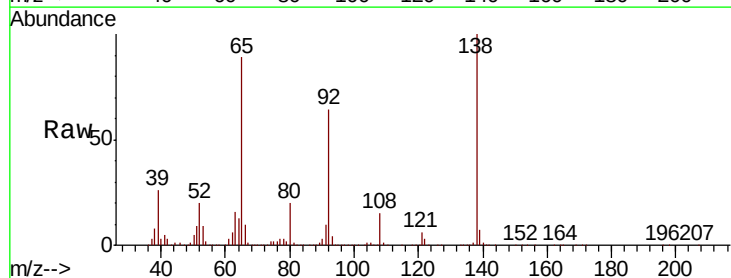


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

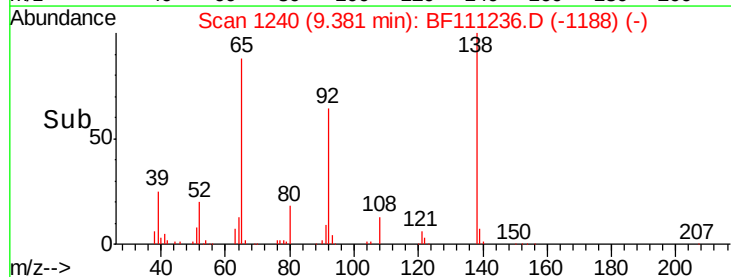
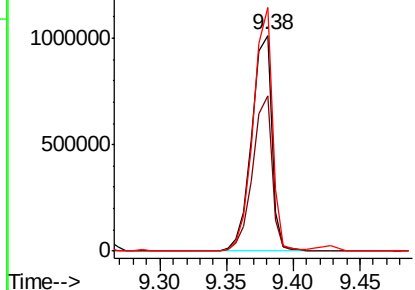


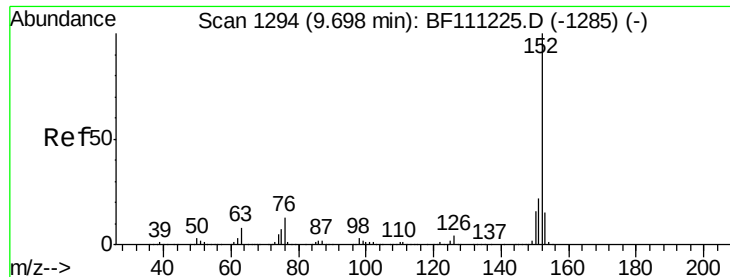
#48
2-Nitroaniline
Concen: 41.874 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.01 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.7	53.5	80.3
138	112.8	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: 40.653 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF111236.D

Acq: 10 Dec 2018 12:23

Instrument :

BNA_F

ClientSampleId :

S1-0-0.5-BGSMS

Tot Ion:152 Resp: 4330413

Ion Ratio Lower Upper

152 100

151 24.1 18.0 27.0

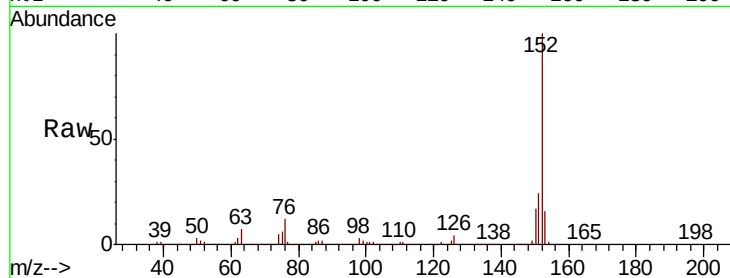
153 15.8 12.3 18.5

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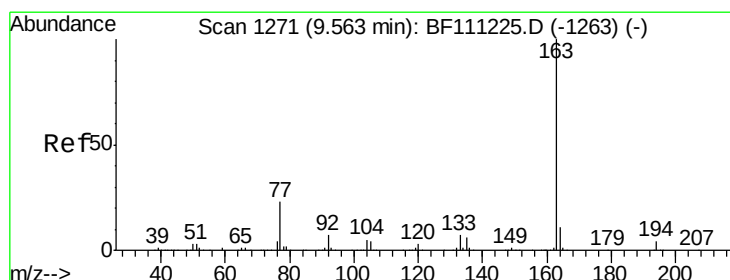
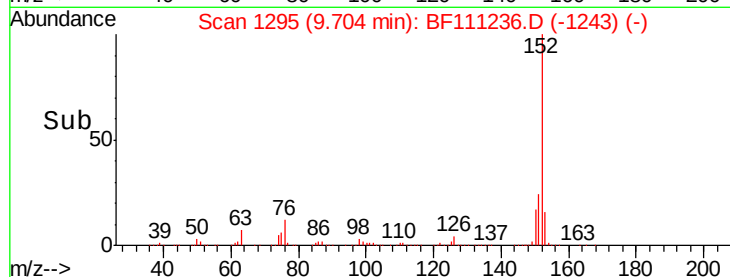
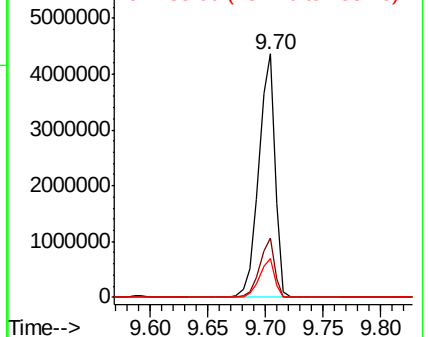
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.916 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF111236.D

Acq: 10 Dec 2018 12:23

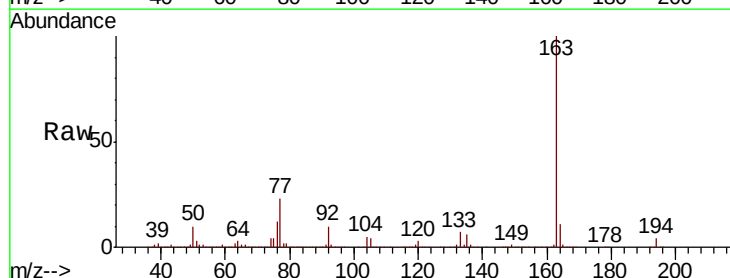
Tgt Ion:163 Resp: 3550973

Ion Ratio Lower Upper

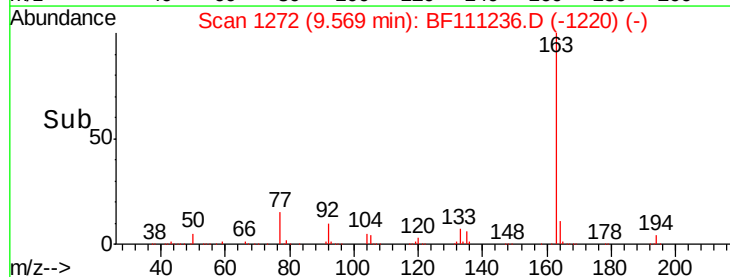
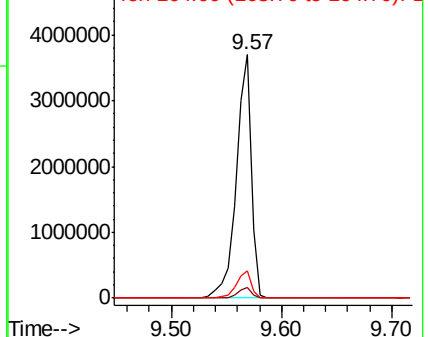
163 100

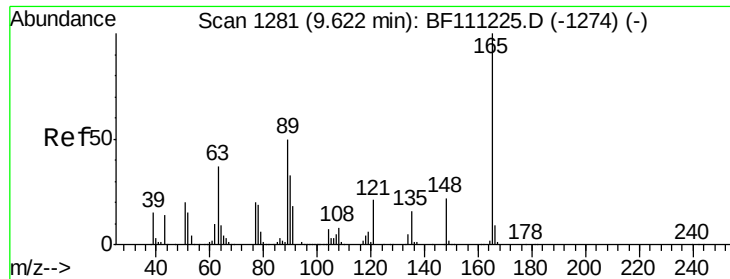
194 4.4 3.0 4.6

164 11.4 8.9 13.3



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





#51

2,6-Dinitrotoluene

Concen: 44.028 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF111236.D

Acq: 10 Dec 2018 12:23

Instrument :

BNA_F

ClientSampleId :

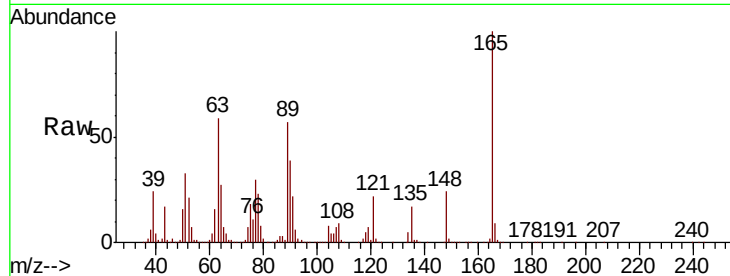
S1-0-0.5-BGSMS

Tot Ion:165 Resp: 804517
Ion Ratio Lower Upper

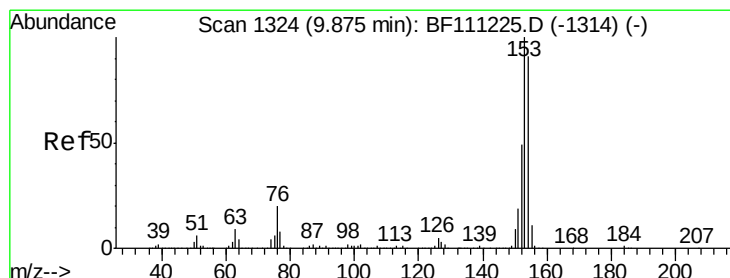
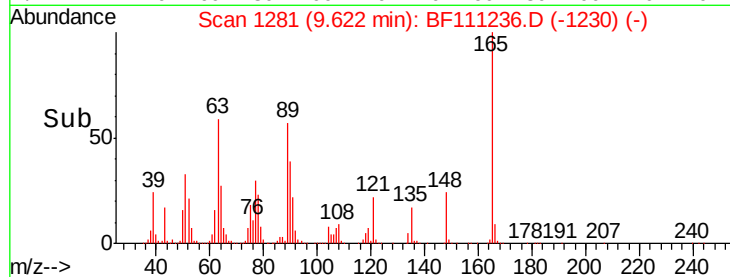
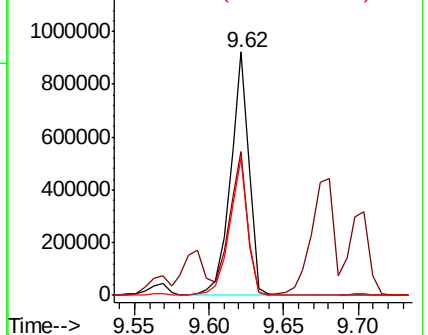
165	100		
63	59.0	40.5	60.7
89	56.5	40.0	60.0

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



#52

Acenaphthene

Concen: 44.822 ng

RT: 9.87 min Scan# 1324

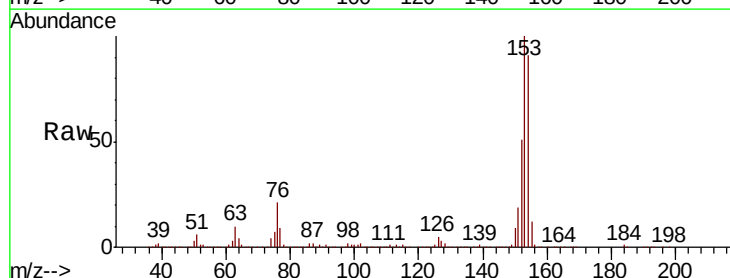
Delta R.T. -0.00 min

Lab File: BF111236.D

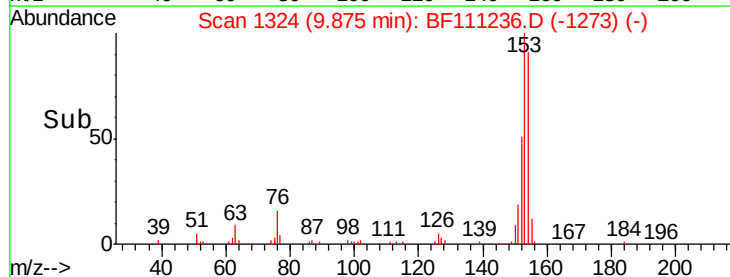
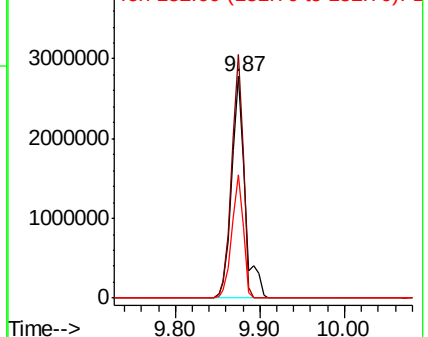
Acq: 10 Dec 2018 12:23

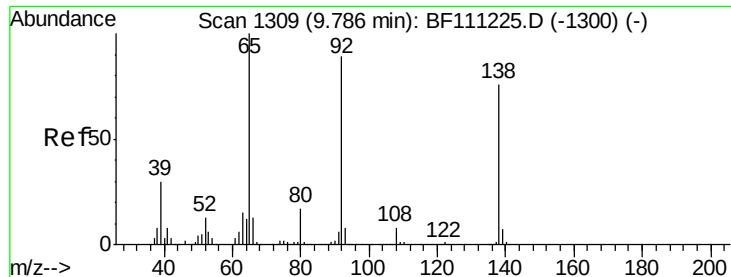
Tgt Ion:154 Resp: 2996205
Ion Ratio Lower Upper

154	100		
153	109.8	87.8	131.8
152	55.8	43.4	65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





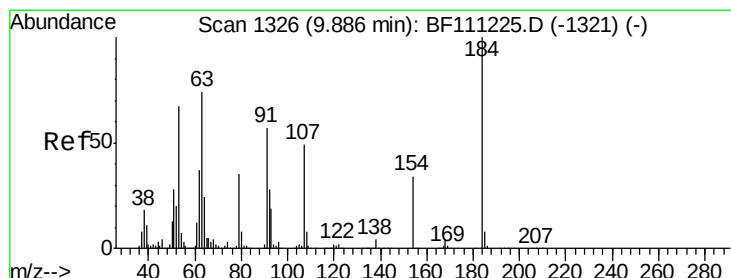
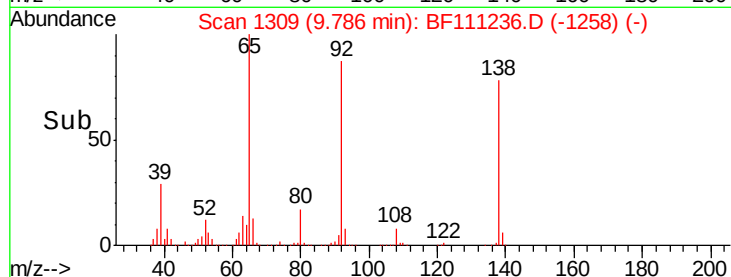
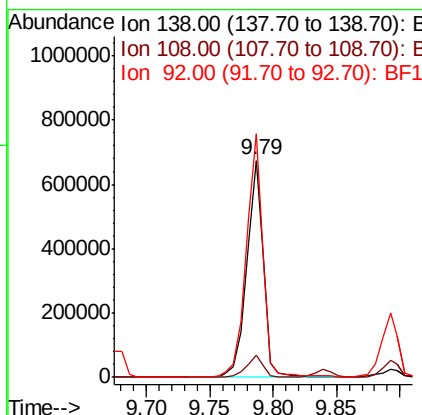
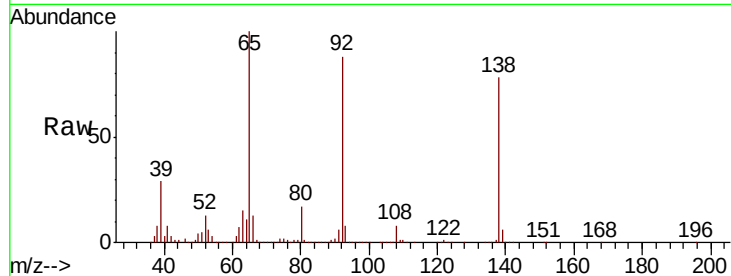
#53
3-Nitroaniline
Concen: 26.872 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

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

Tot Ion	Ratio	Resp	Lower	Upper
138	100	606090		
108	10.1	8.2	12.4	
92	112.0	93.4	140.2	

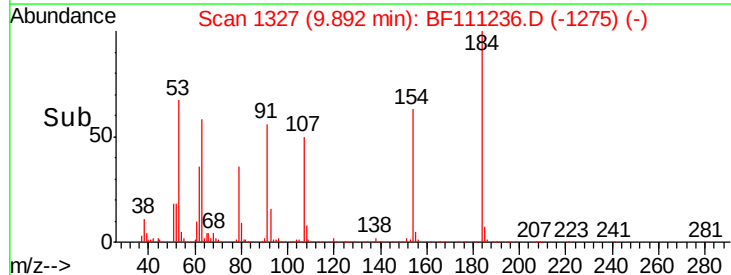
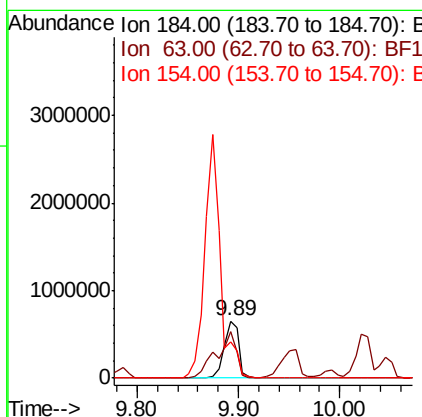
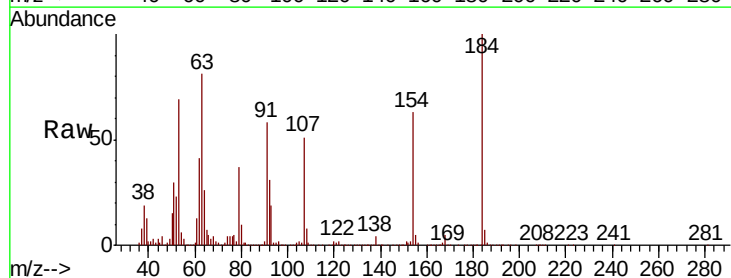
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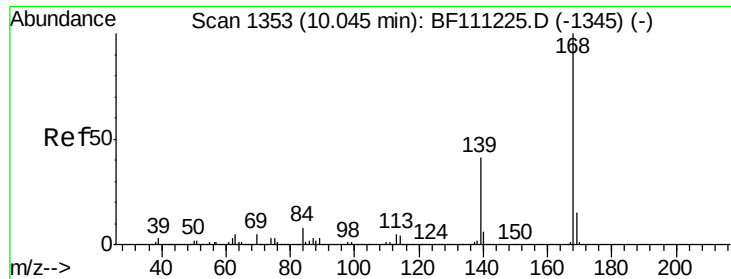
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#54
2,4-Dinitrophenol
Concen: 90.395 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	652727		
63	81.1	62.3	93.5	
154	63.0	56.2	84.2	





#55

Dibenzofuran

Concen: 42.042 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF111236.D

Acq: 10 Dec 2018 12:23

Instrument :

BNA_F

ClientSampleId :

S1-0-0.5-BGSMS

Tot Ion:168 Resp: 3823338

Ion Ratio Lower Upper

168 100

139 42.9 32.6 49.0

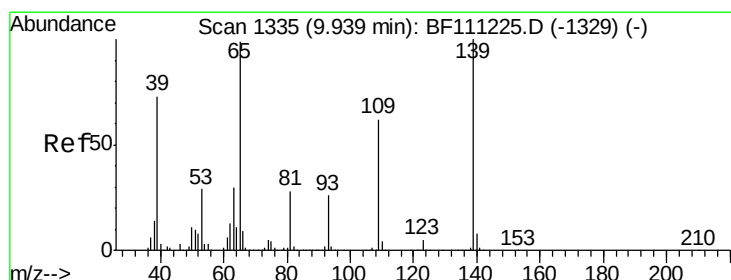
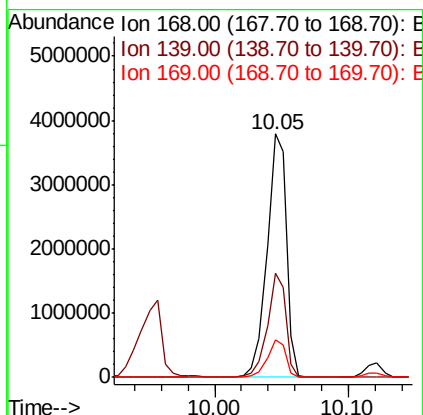
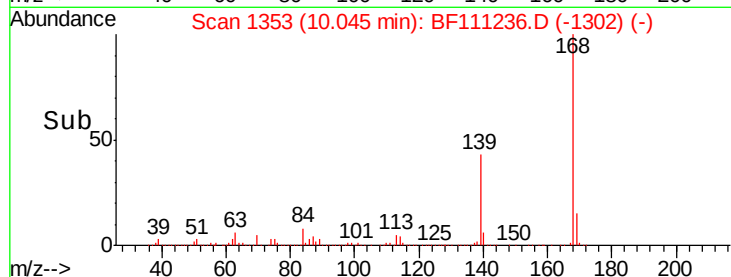
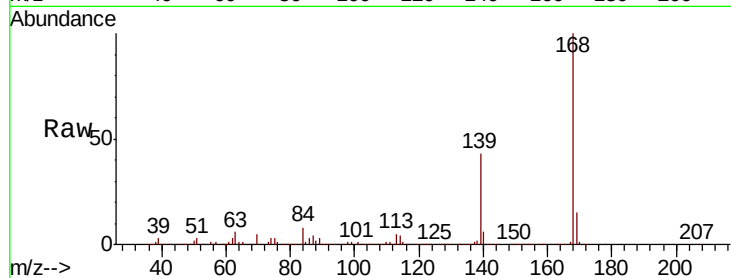
169 15.2 11.8 17.6

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#56

4-Nitrophenol

Concen: 79.740 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.02 min

Lab File: BF111236.D

Acq: 10 Dec 2018 12:23

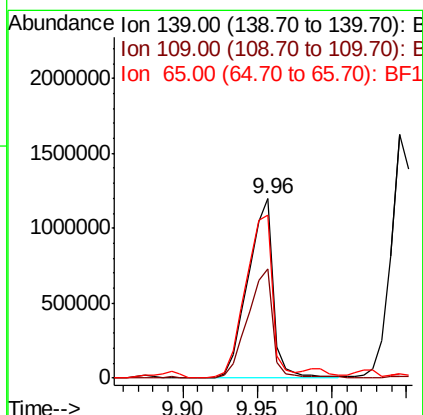
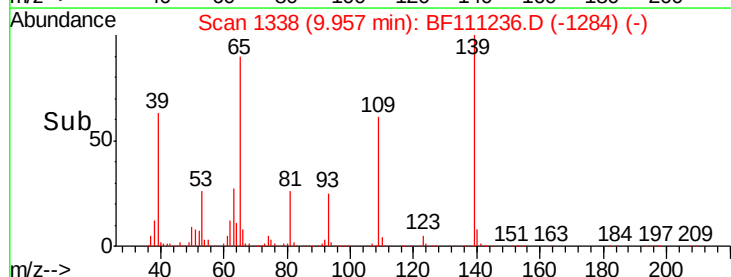
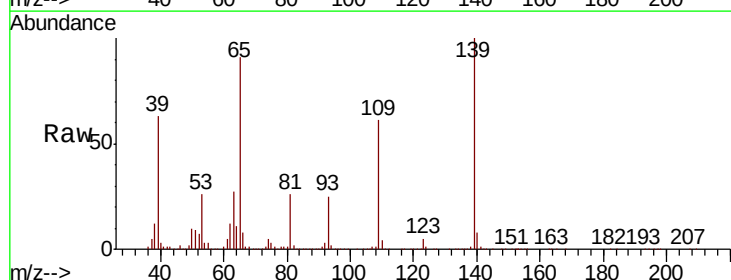
Tgt Ion:139 Resp: 1400712

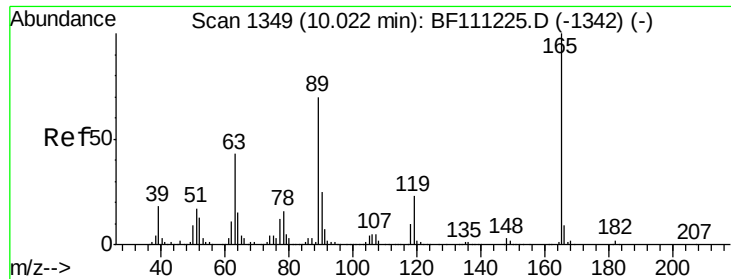
Ion Ratio Lower Upper

139 100

109 60.7 41.8 81.8

65 90.6 79.6 119.6





#57

2,4-Dinitrotoluene

Concen: 47.006 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BF111236.D

Acq: 10 Dec 2018 12:23

Instrument :

BNA_F

ClientSampleId :

S1-0-0.5-BGSMS

Tot Ion:165 Resp: 1058884

Ion Ratio Lower Upper

165 100

63 42.5 34.6 52.0

89 68.3 56.2 84.4

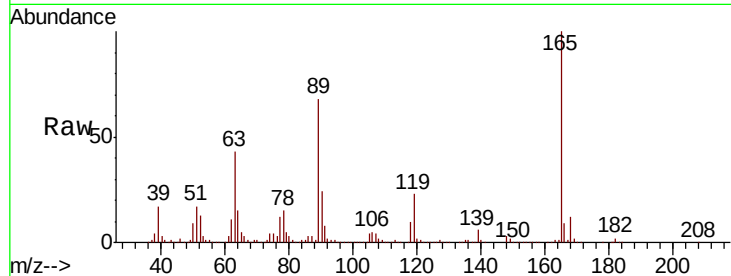
182 2.4 1.8 2.6

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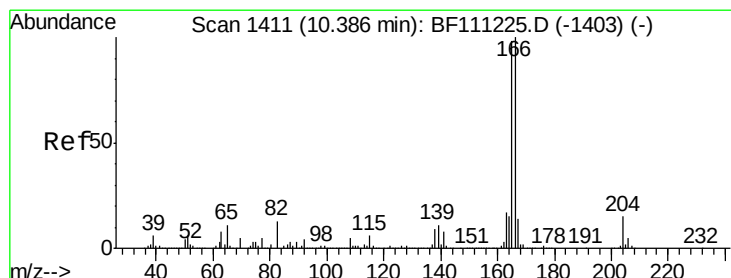
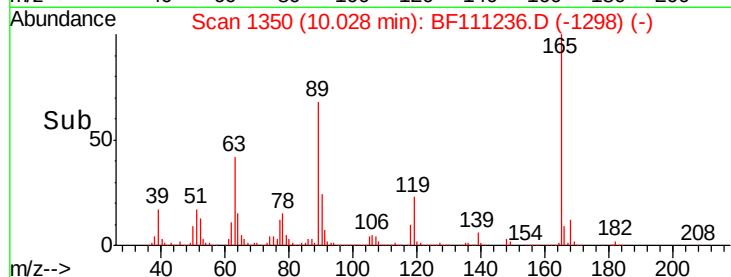
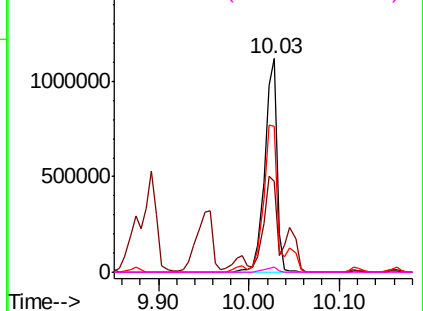


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.155 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BF111236.D

Acq: 10 Dec 2018 12:23

Tgt Ion:166 Resp: 2825861

Ion Ratio Lower Upper

166 100

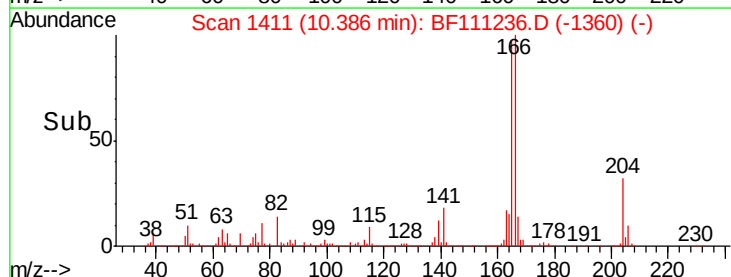
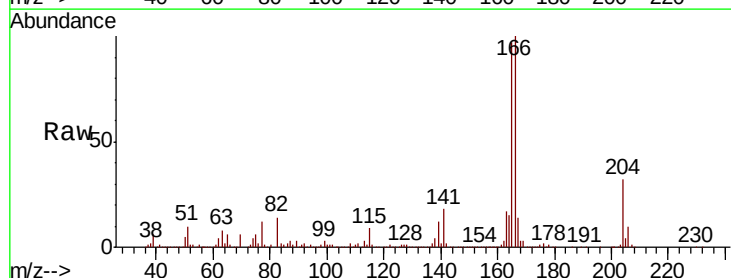
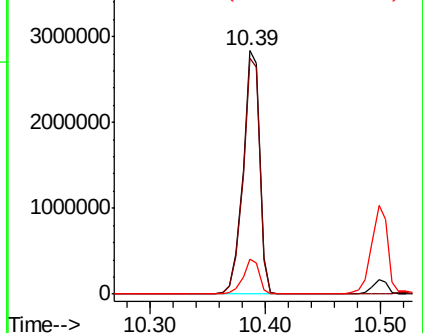
165 97.1 78.4 117.6

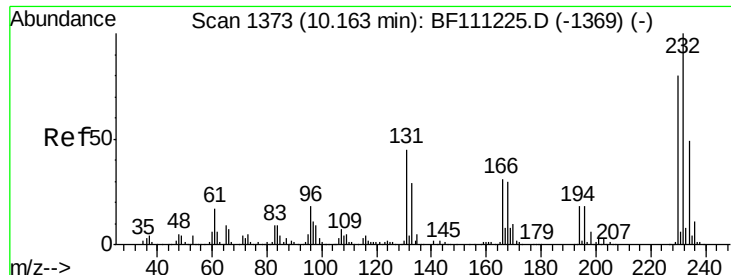
167 14.4 11.2 16.8

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





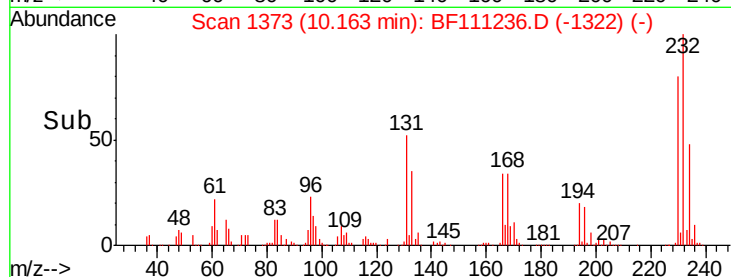
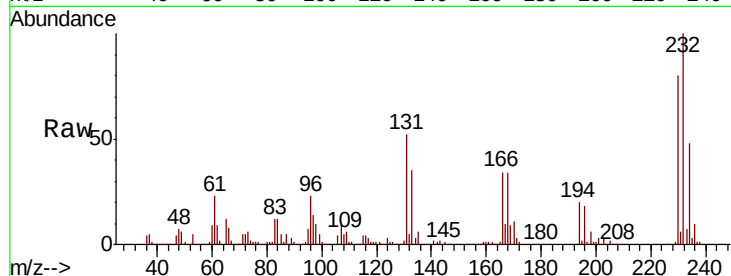
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.756 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

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

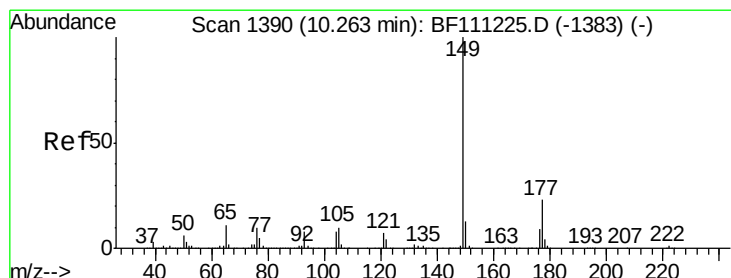
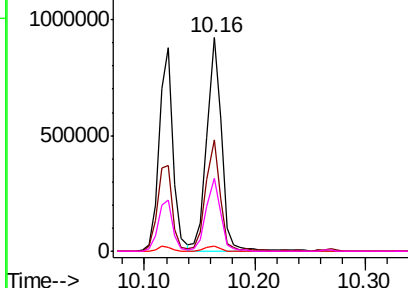
Tot Ion	Ratio	Lower	Upper
232	100		
131	50.2	40.9	61.3
130	2.4	2.0	3.0
166	33.3	26.8	40.2

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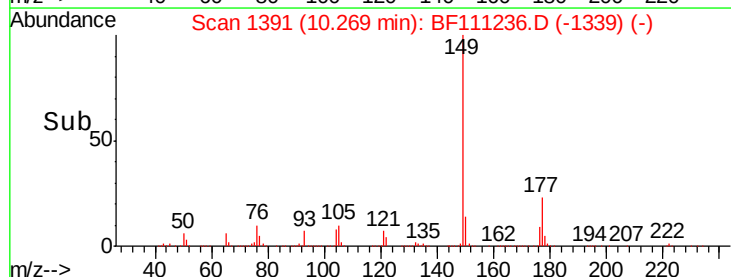
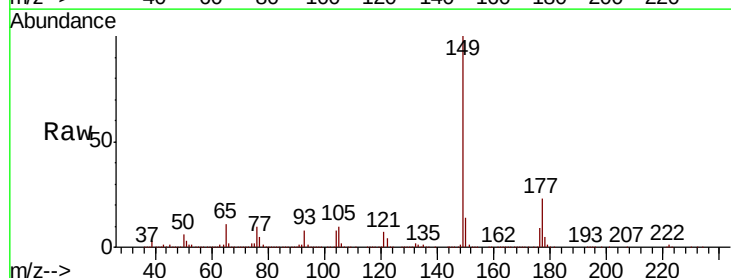


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

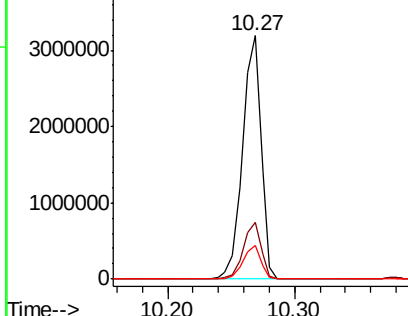


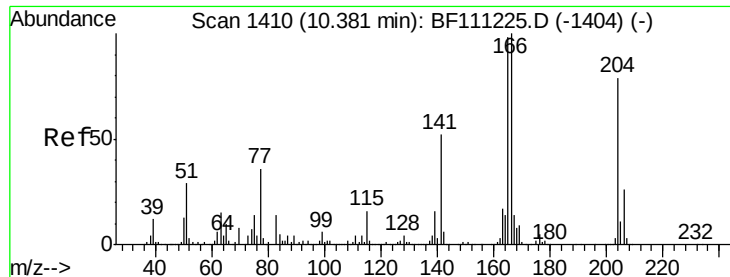
#60
Diethylphthalate
Concen: 40.823 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.3	27.5
150	13.6	10.6	15.8



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





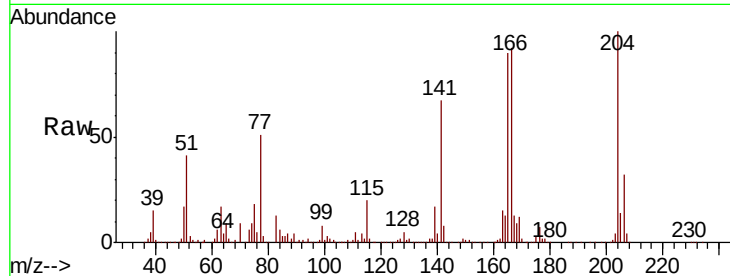
#61
4-Chlorophenyl-phenylether
Concen: 37.223 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.6	39.8
141	67.2	52.6	78.8

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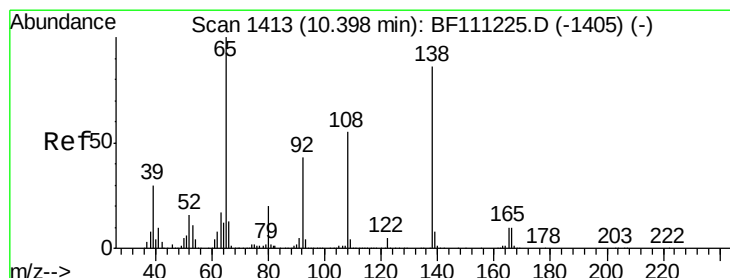
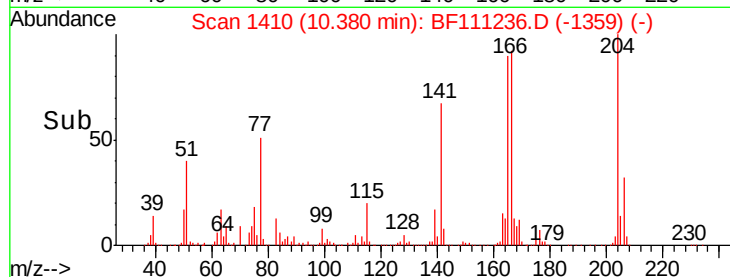
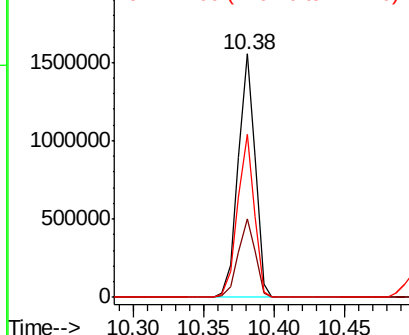


Abundance

Ion 204.00 (203.70 to 204.70): E

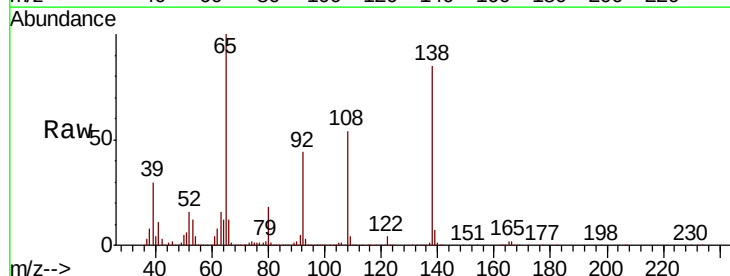
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.495 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.3	29.9	69.9
108	63.7	43.2	83.2

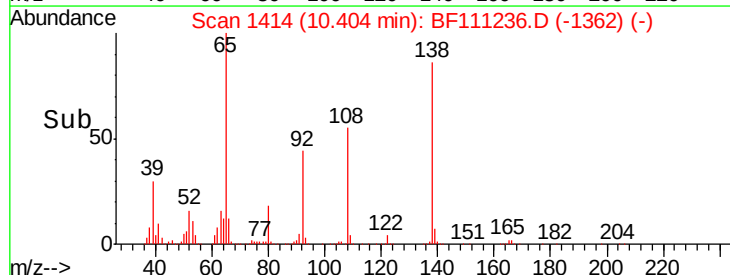
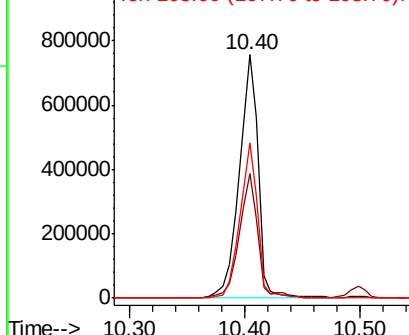


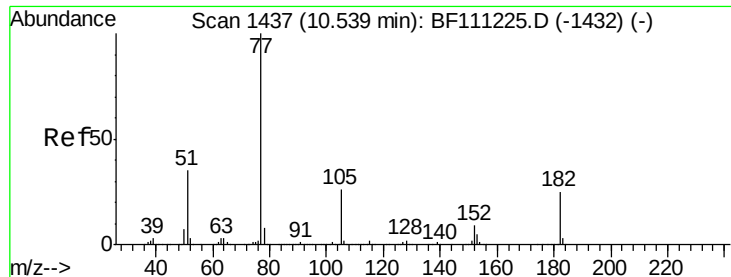
Abundance

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: 40.686 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BF111236.D

Acq: 10 Dec 2018 12:23

Instrument :

BNA_F

ClientSampleId :

S1-0-0.5-BGSMS

Tot Ion: 77 Resp: 3332143

Ion Ratio Lower Upper

77 100

182 23.4 4.9 44.9

105 25.1 6.0 46.0

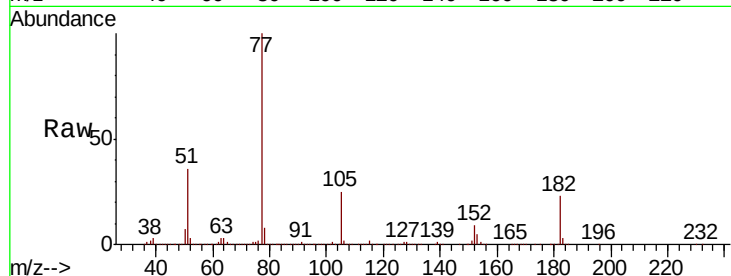
51 35.7 14.7 54.7

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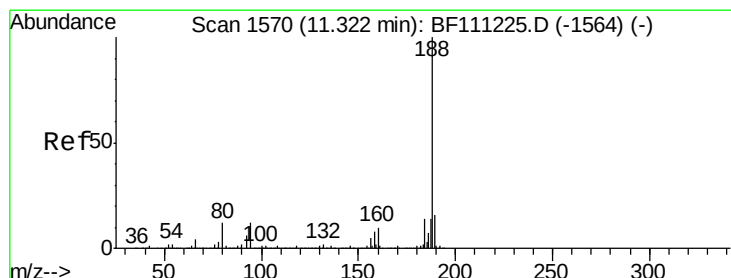
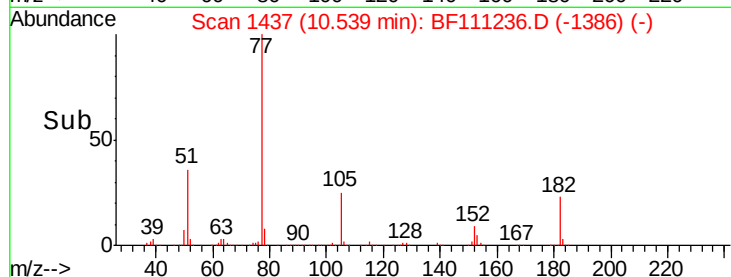
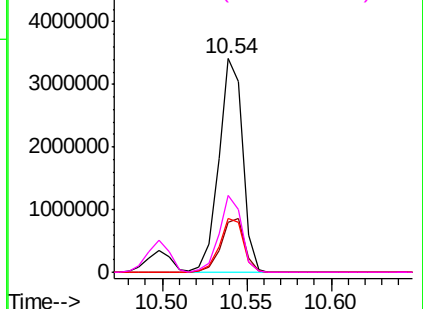


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF111236.D

Acq: 10 Dec 2018 12:23

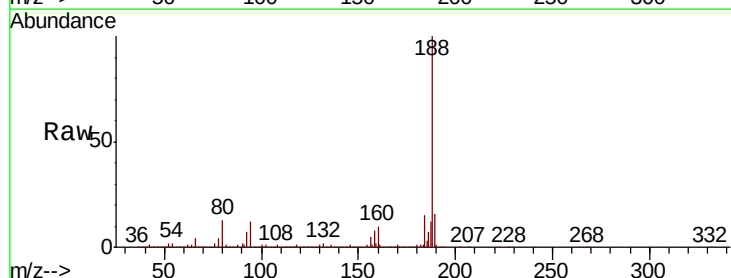
Tgt Ion: 188 Resp: 1884985

Ion Ratio Lower Upper

188 100

94 12.2 9.6 14.4

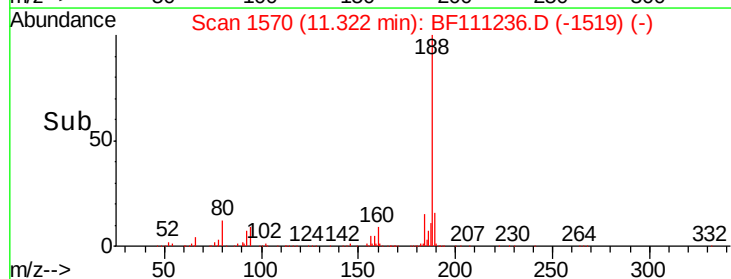
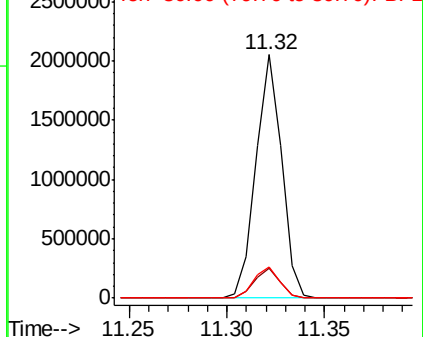
80 12.6 9.8 14.6

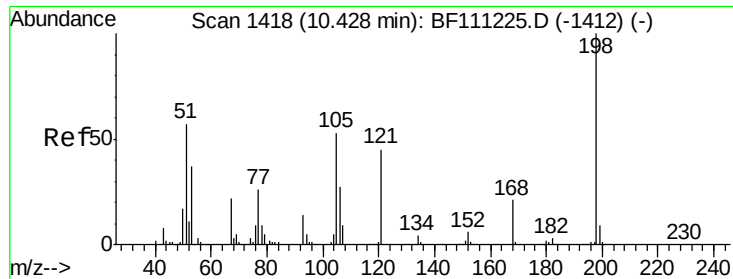


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





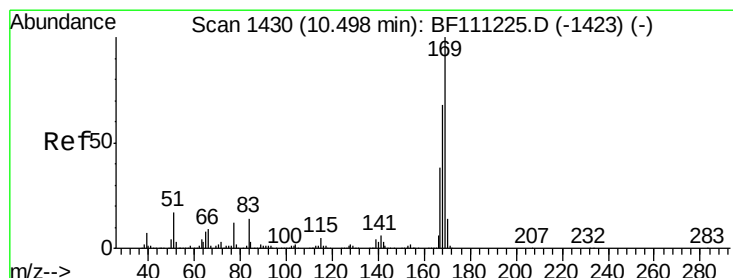
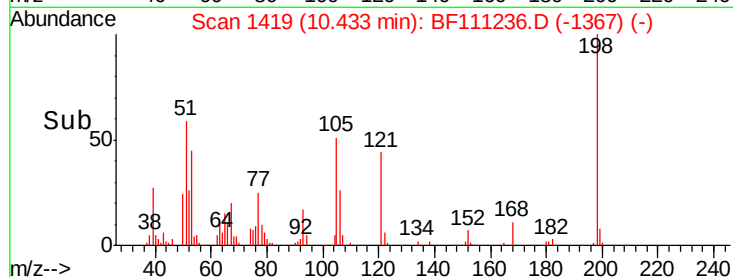
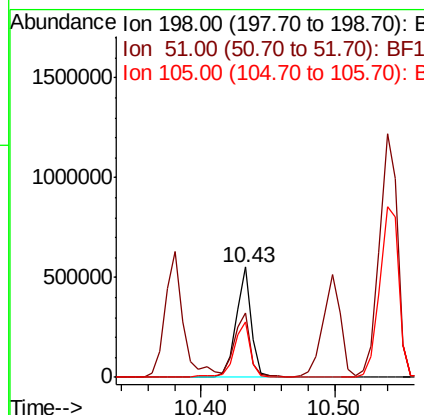
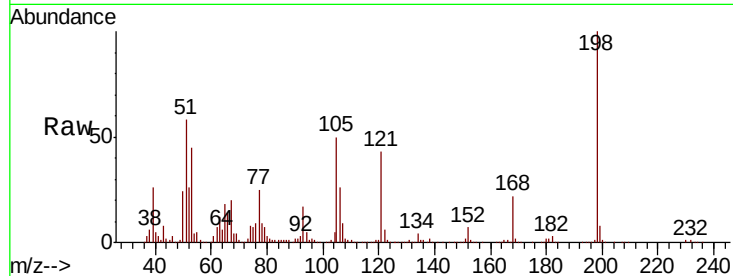
#65
4,6-Dinitro-2-methylphenol
Concen: 40.101 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

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

Tot Ion	Ratio	Lower	Upper
198	100		
51	57.8	48.0	88.0
105	50.1	34.0	74.0

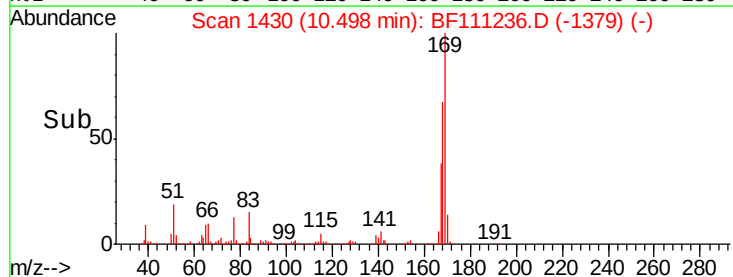
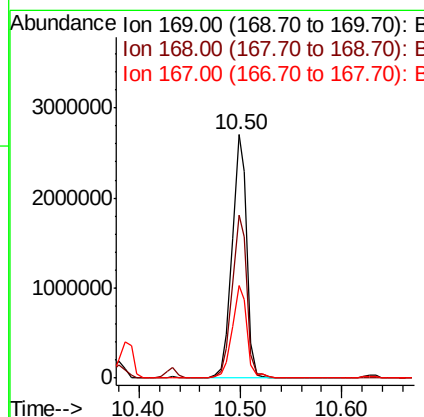
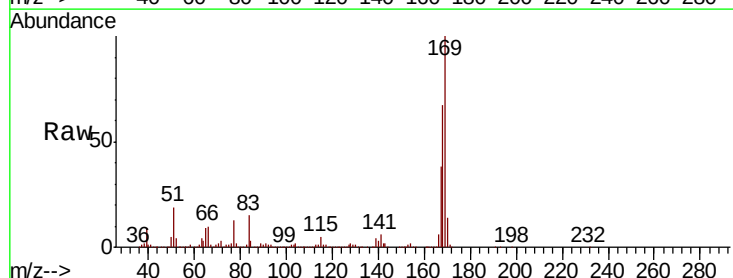
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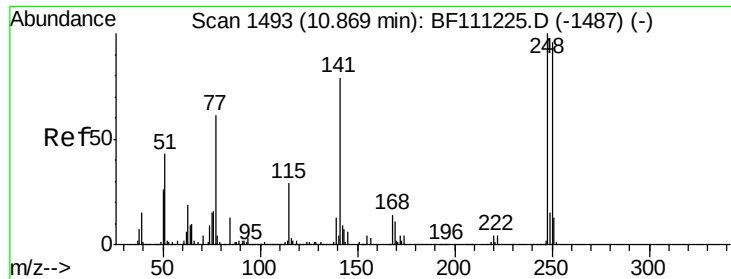
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 42.014 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.2	54.4	81.6
167	38.2	30.5	45.7





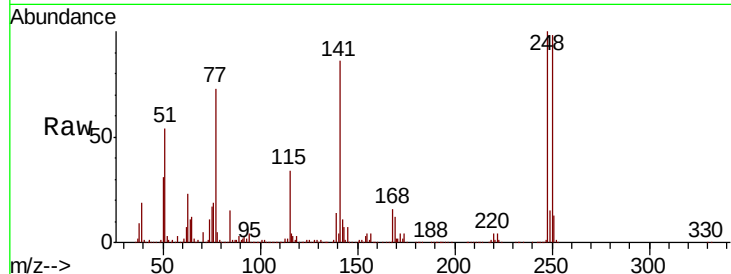
#67
4-Bromophenyl-phenylether
Concen: 40.733 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.0	115.4
141	86.1	63.0	94.6

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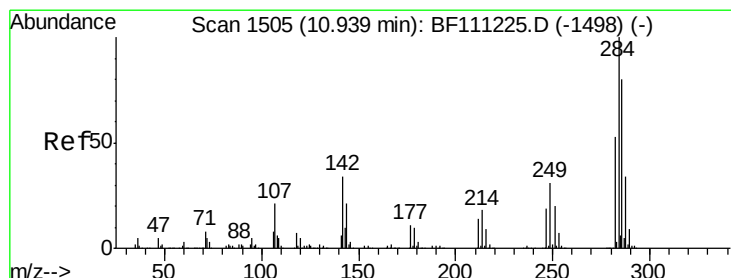
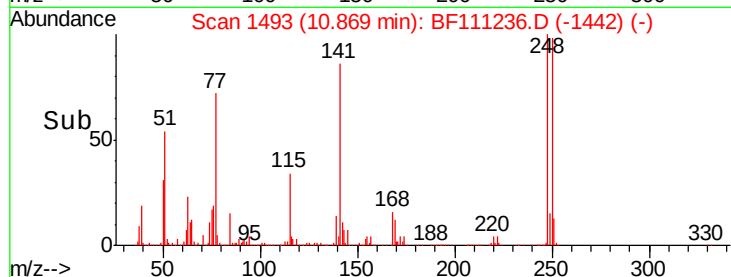
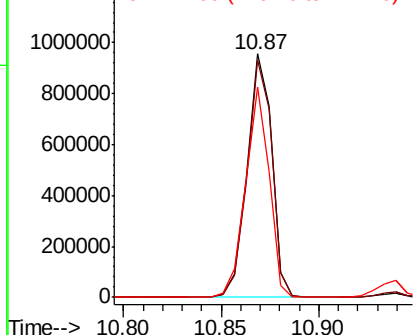


Abundance

Ion 248.00 (247.70 to 248.70): E

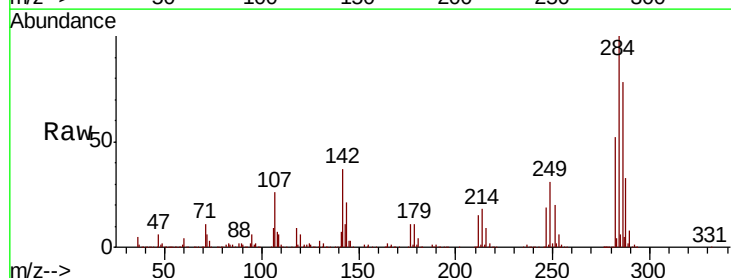
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.066 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.4	27.4	41.2
249	31.0	24.4	36.6

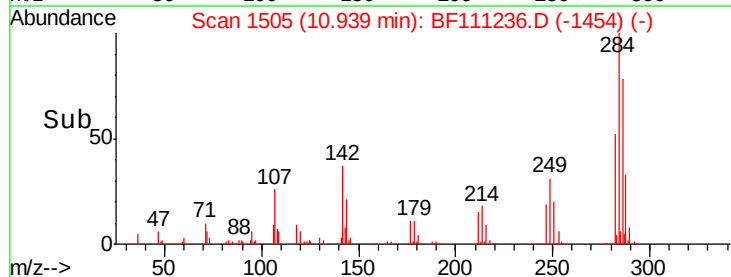
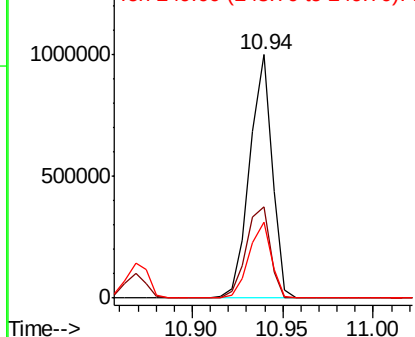


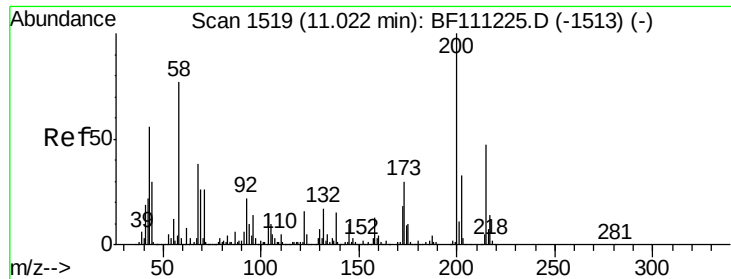
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





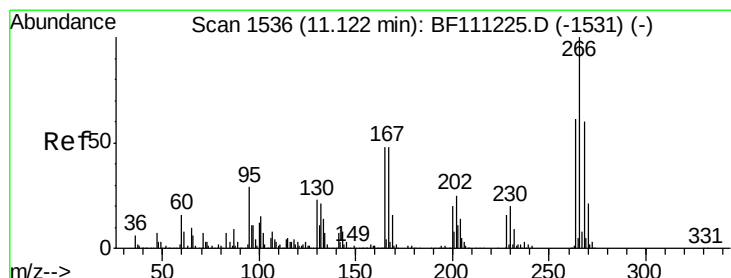
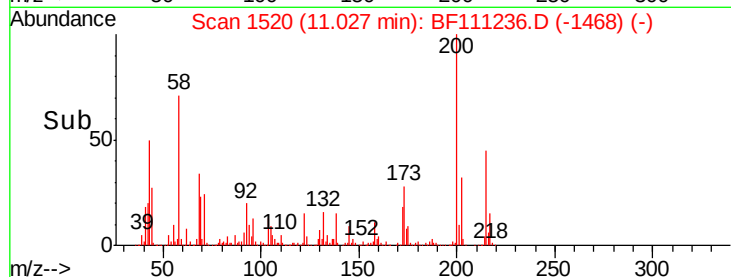
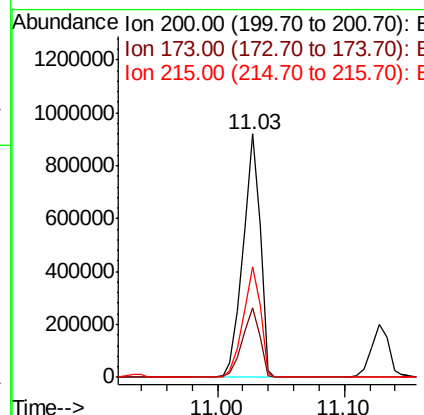
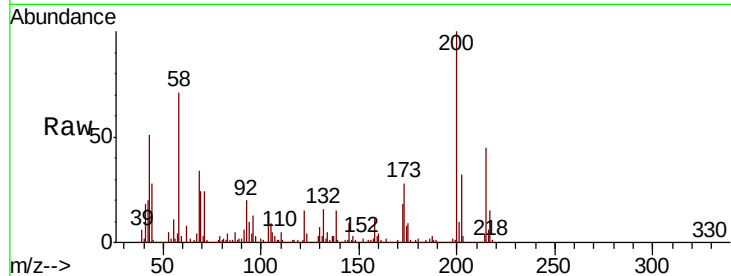
#69
Atrazine
Concen: 43.606 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	10.1	50.1
215	45.2	26.9	66.9

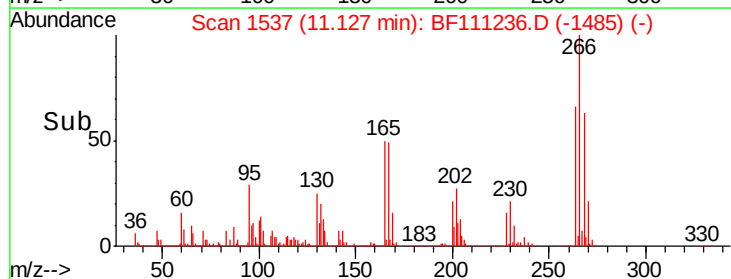
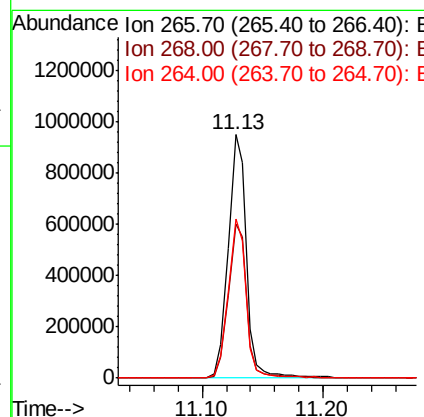
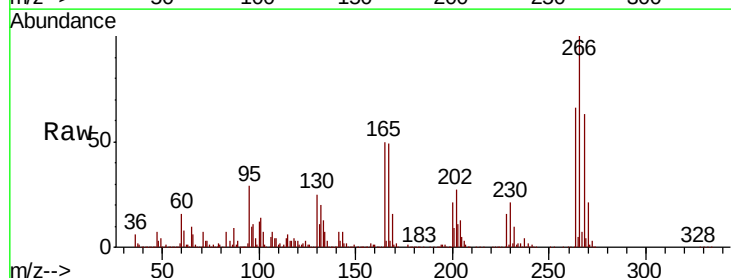
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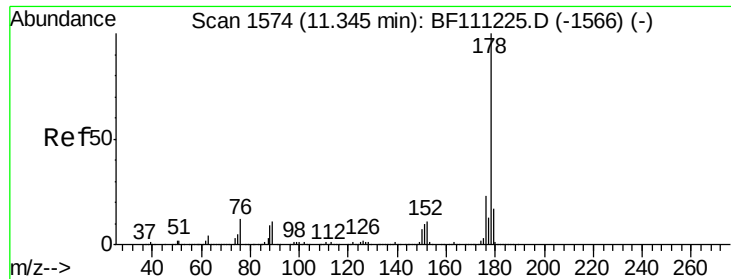
Sohil
12/11/2018 8:42:25 AM



#70
Pentachlorophenol
Concen: 65.127 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	47.9	71.9
264	65.6	49.1	73.7





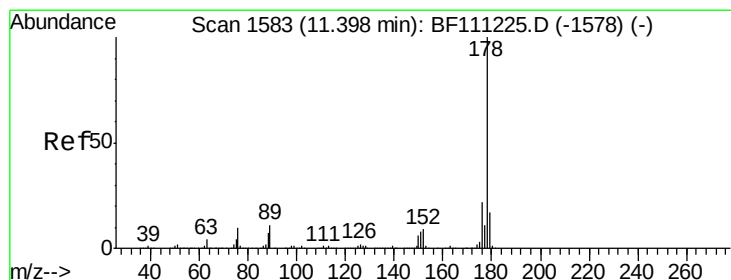
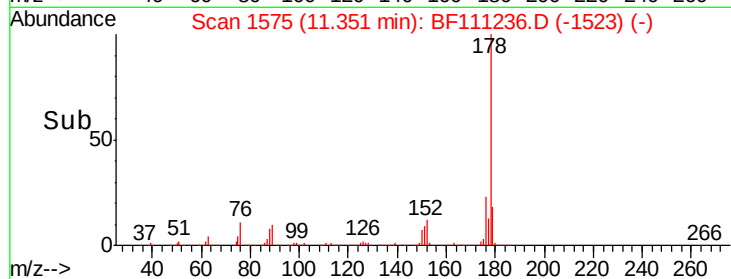
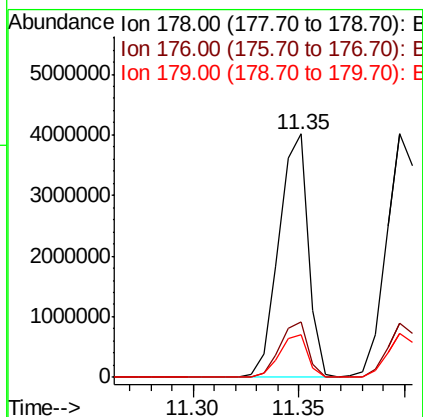
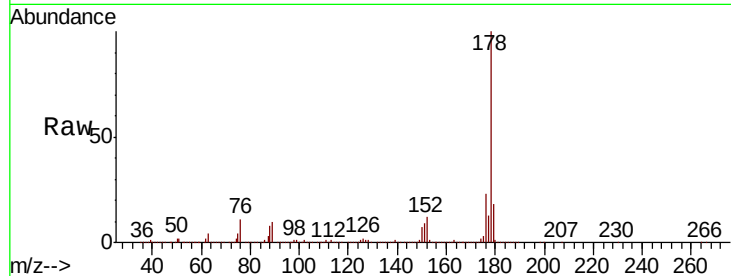
#71
 Phenanthrene
 Concen: 41.123 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.01 min
 Lab File: BF111236.D
 Acq: 10 Dec 2018 12:23

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.6	18.1	27.1
179	17.7	14.0	21.0

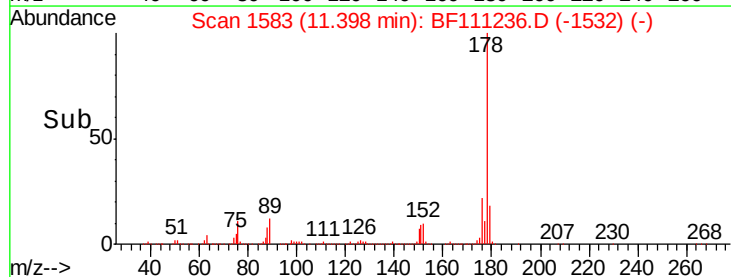
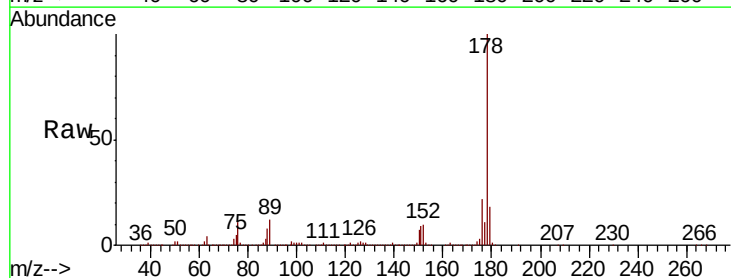
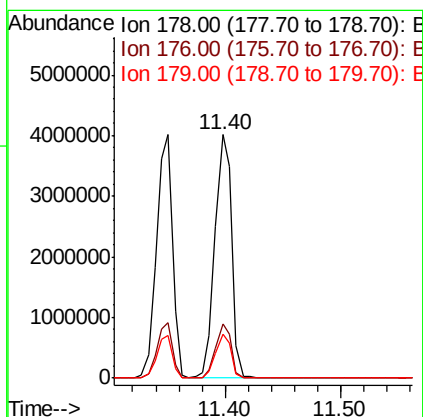
Manual Integrations
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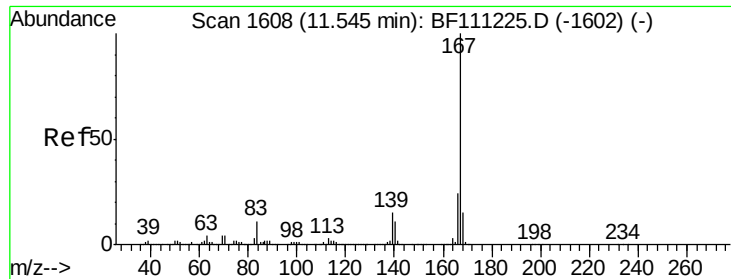
Sohil
 12/11/2018 8:42:25 AM



#72
 Anthracene
 Concen: 40.544 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF111236.D
 Acq: 10 Dec 2018 12:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.3	17.2	25.8
179	18.2	13.8	20.8





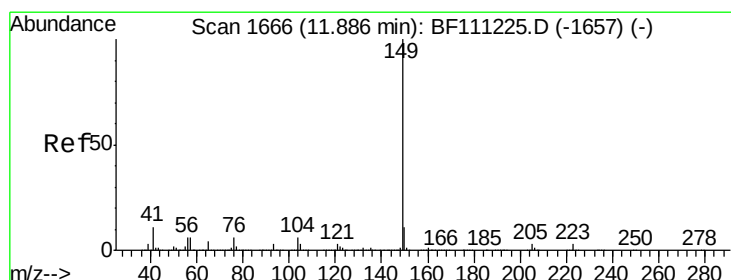
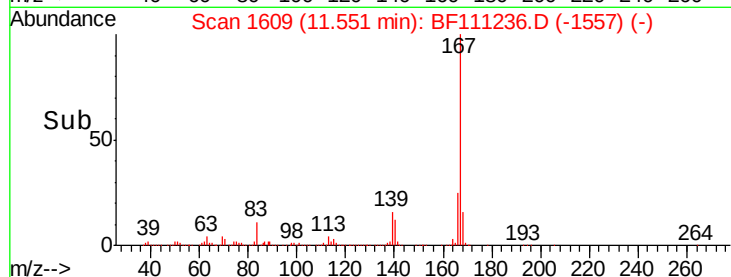
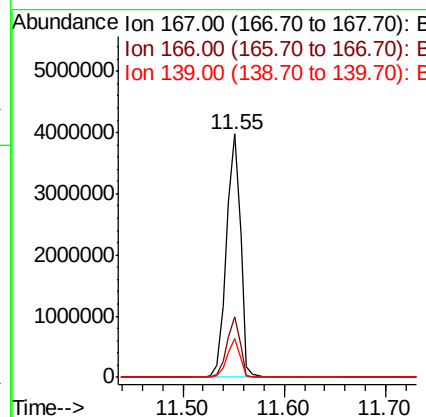
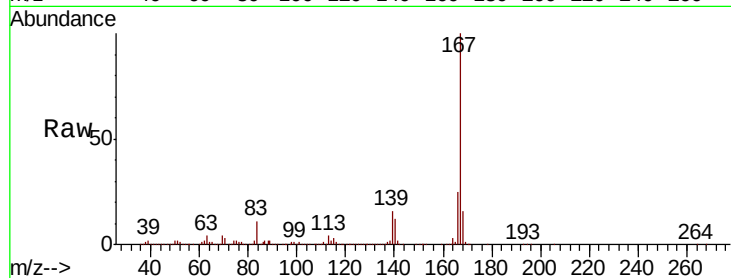
#73
 Carbazole
 Concen: 36.924 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111236.D
 Acq: 10 Dec 2018 12:23

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

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	25.1	19.3	28.9	
139	15.8	11.9	17.9	

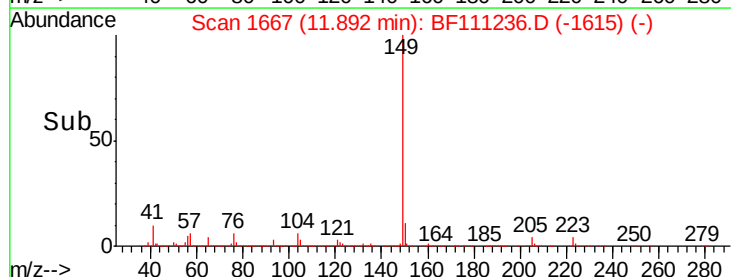
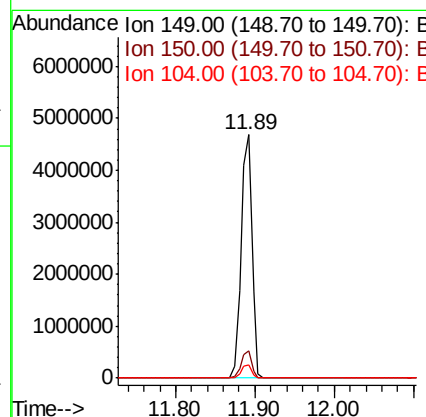
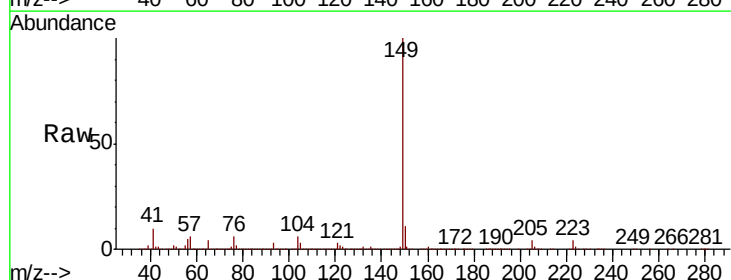
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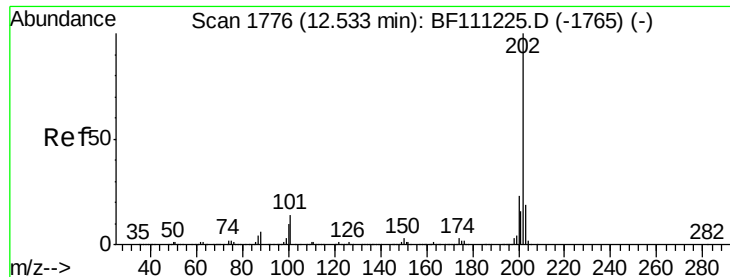
Sohil
 12/11/2018 8:42:25 AM



#74
 Di-n-butylphthalate
 Concen: 41.332 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.01 min
 Lab File: BF111236.D
 Acq: 10 Dec 2018 12:23

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	11.3	8.8	13.2	
104	5.6	4.5	6.7	





#75

Fluoranthene

Concen: 44.169 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF111236.D

Acq: 10 Dec 2018 12:23

Instrument :

BNA_F

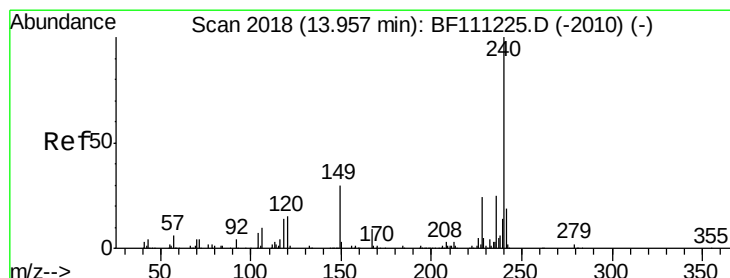
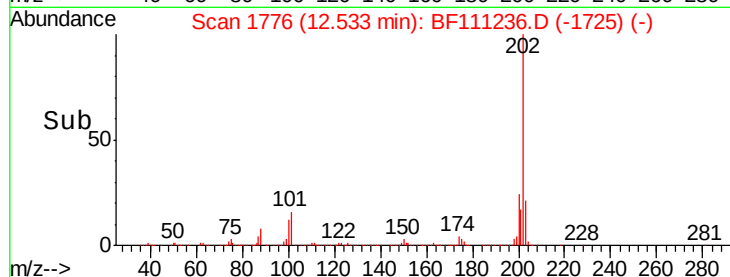
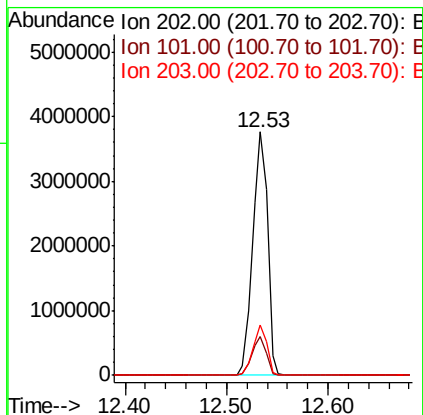
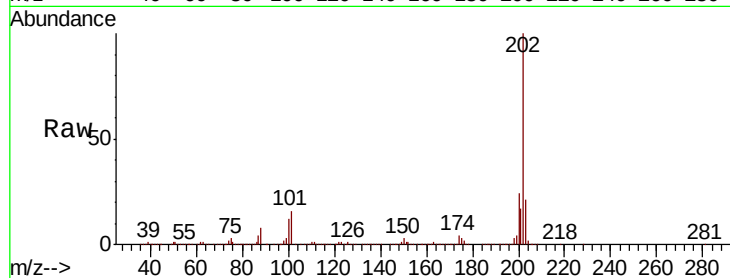
ClientSampleId :

S1-0-0.5-BGSMS

Tot Ion:	202	Resp:	3836157
Ion	Ratio	Lower	Upper
202	100		
101	16.1	0.0	33.8
203	20.6	0.0	38.6

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#76

Chrysene-d12

Concen: 20.000 ng

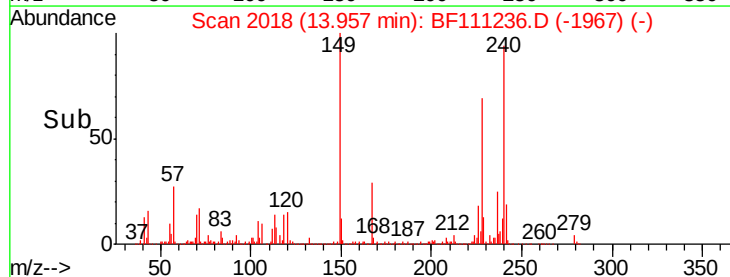
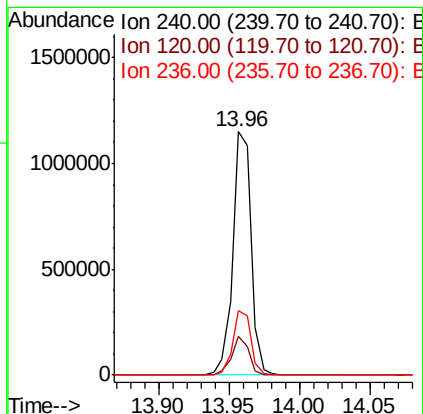
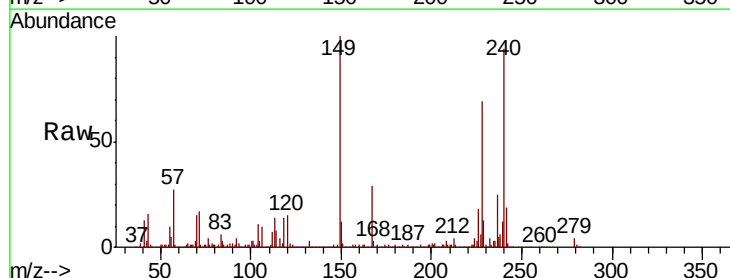
RT: 13.96 min Scan# 2018

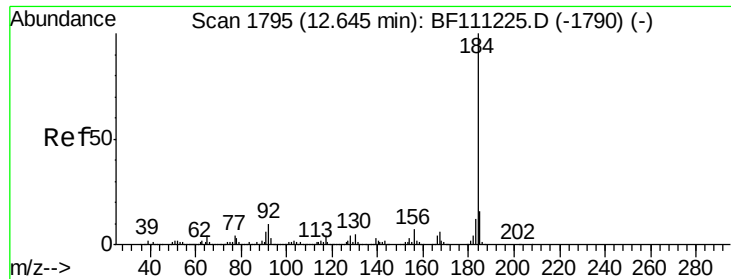
Delta R.T. -0.00 min

Lab File: BF111236.D

Acq: 10 Dec 2018 12:23

Tgt Ion:	240	Resp:	1037927
Ion	Ratio	Lower	Upper
240	100		
120	16.2	12.2	18.2
236	26.6	20.2	30.2





#77

Benzidine

Concen: 7.561 ng

RT: 12.65 min Scan# 1795

Delta R.T. -0.00 min

Lab File: BF111236.D

Acq: 10 Dec 2018 12:23

Instrument :

BNA_F

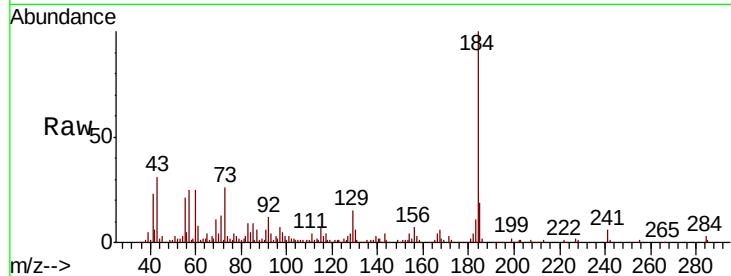
ClientSampleId :

S1-0-0.5-BGSMS

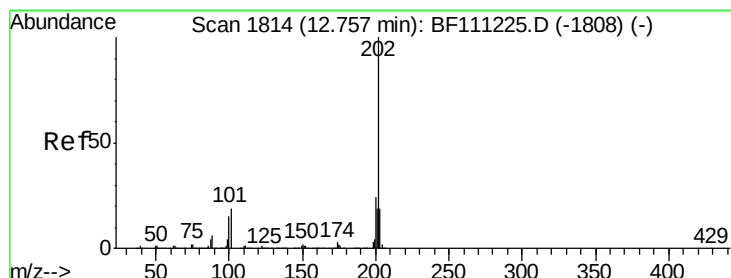
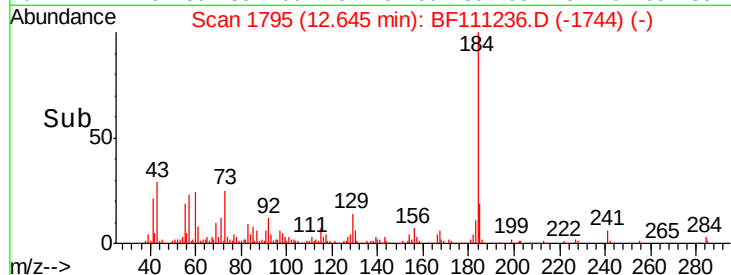
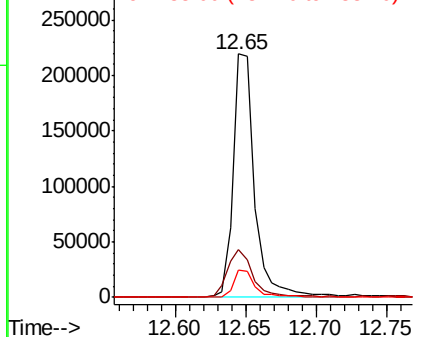
Tot Ion:	184	Resp:	233018
Ion Ratio	Lower	Upper	
184	100		
185	19.5	13.0	19.6
183	11.3	9.3	13.9

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



#78

Pyrene

Concen: 51.864 ng

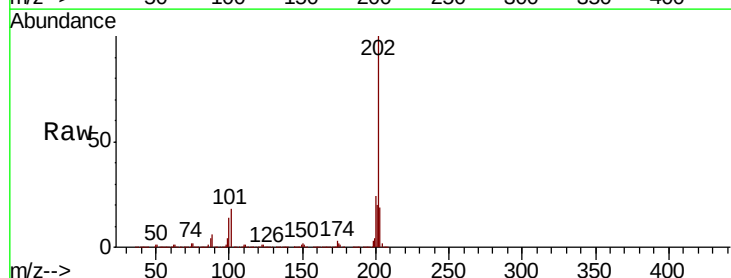
RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

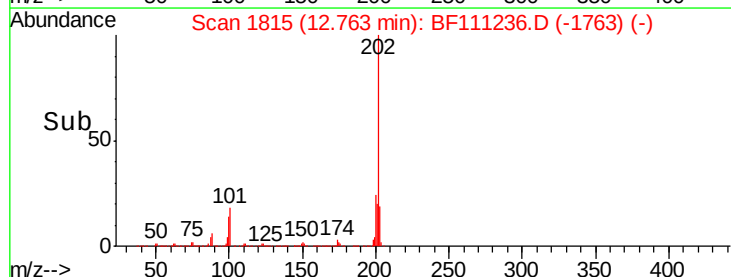
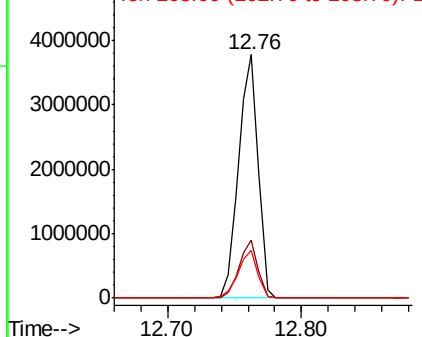
Lab File: BF111236.D

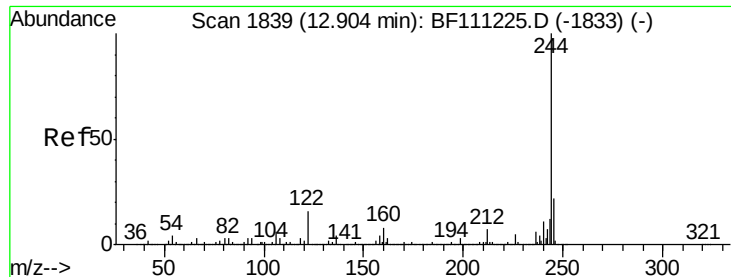
Acq: 10 Dec 2018 12:23

Tgt Ion:	202	Resp:	3846808
Ion Ratio	Lower	Upper	
202	100		
200	24.1	19.0	28.4
203	19.4	15.2	22.8



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





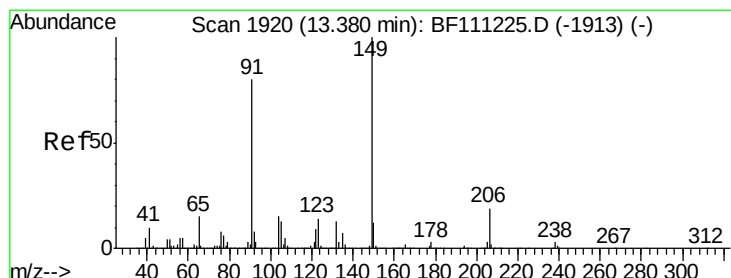
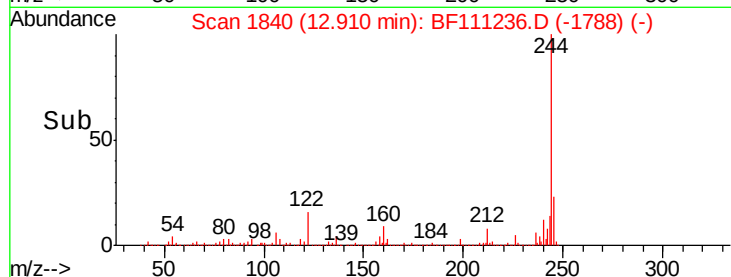
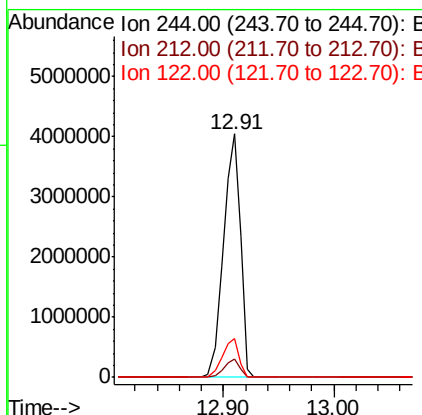
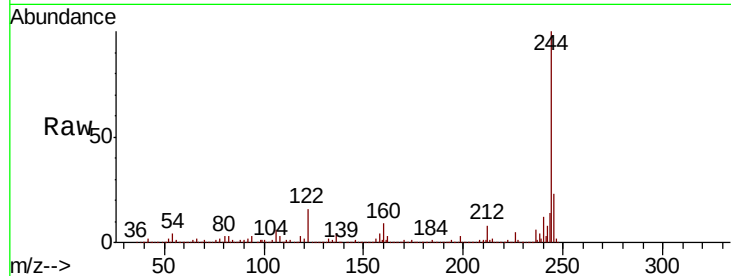
#79
 Terphenyl-d14
 Concen: 100.262 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111236.D
 Acq: 10 Dec 2018 12:23

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

Tot Ion:244 Resp: 4338467
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 16.1 13.1 19.7

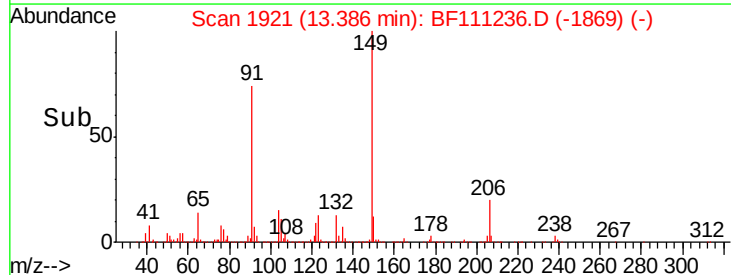
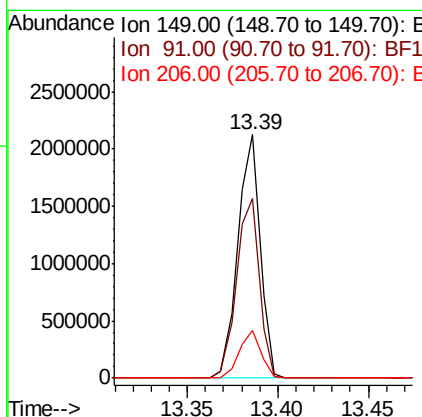
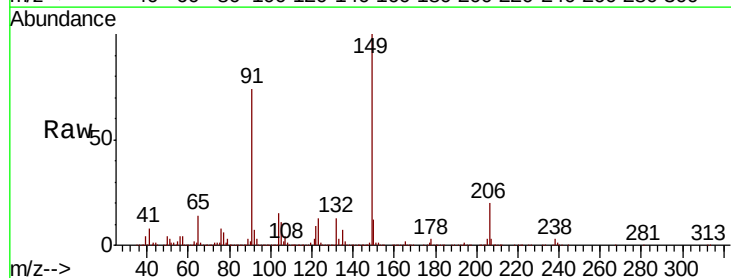
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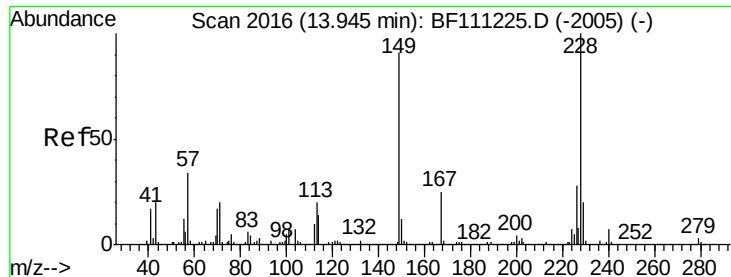
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#80
 Butylbenzylphthalate
 Concen: 47.122 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: BF111236.D
 Acq: 10 Dec 2018 12:23

Tgt Ion:149 Resp: 1825554
 Ion Ratio Lower Upper
 149 100
 91 73.7 63.8 95.6
 206 19.6 15.1 22.7





#81

Benzo(a)anthracene

Concen: 44.957 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF111236.D

Acq: 10 Dec 2018 12:23

Instrument :

BNA_F

ClientSampleId :

S1-0-0.5-BGSMS

Tot Ion:228 Resp: 2603248

Ion Ratio Lower Upper

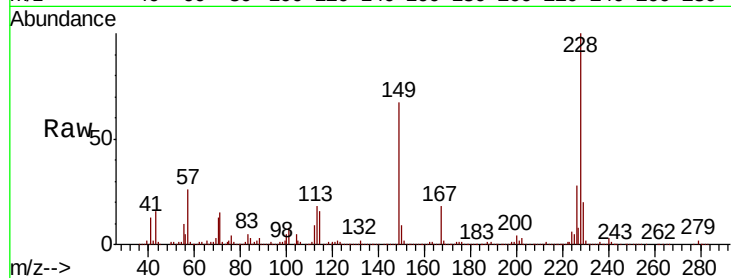
228 100

226 28.3 22.6 34.0

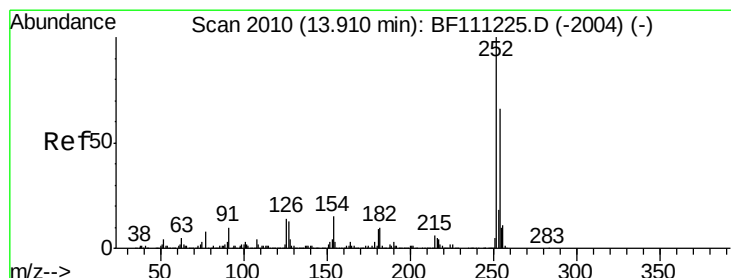
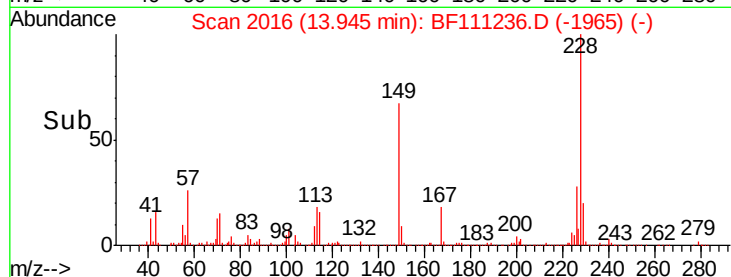
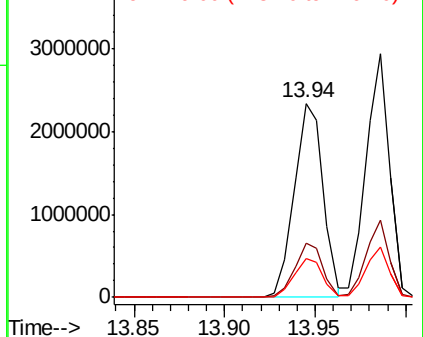
229 20.1 16.3 24.5

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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: 25.098 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BF111236.D

Acq: 10 Dec 2018 12:23

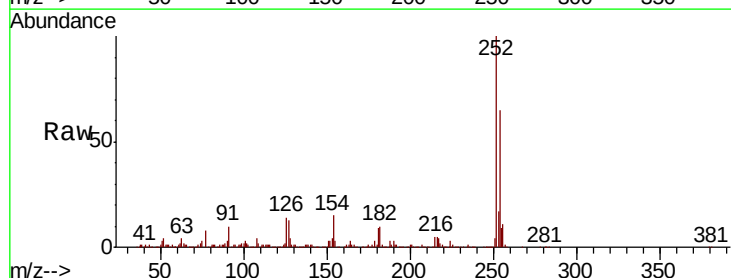
Tgt Ion:252 Resp: 595664

Ion Ratio Lower Upper

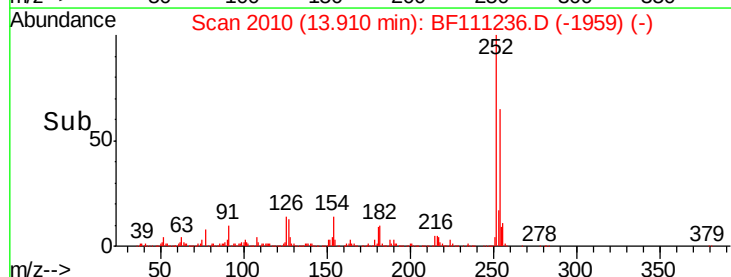
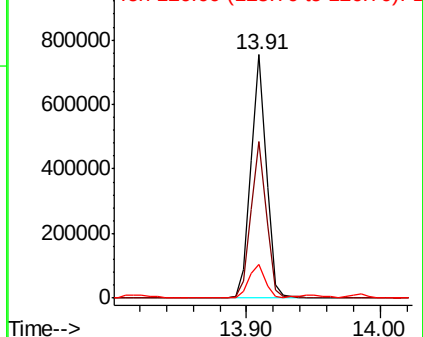
252 100

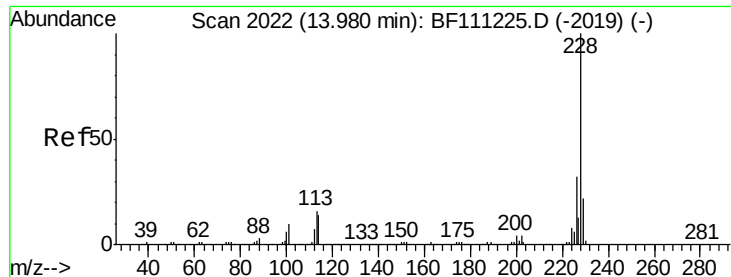
254 64.5 52.7 79.1

126 13.9 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





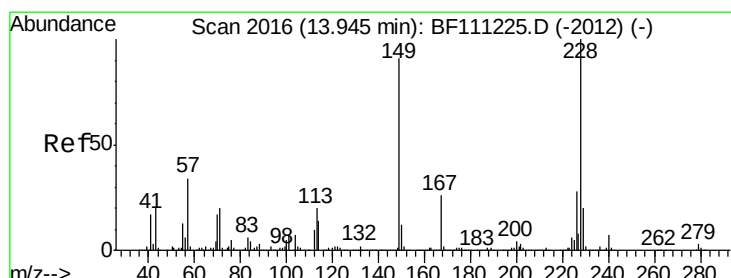
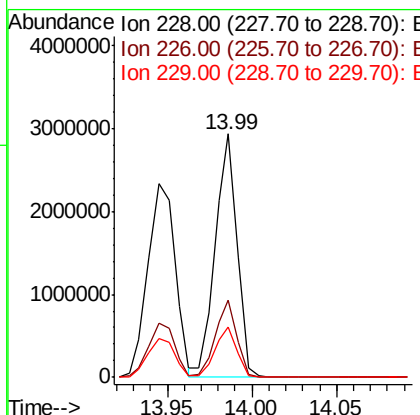
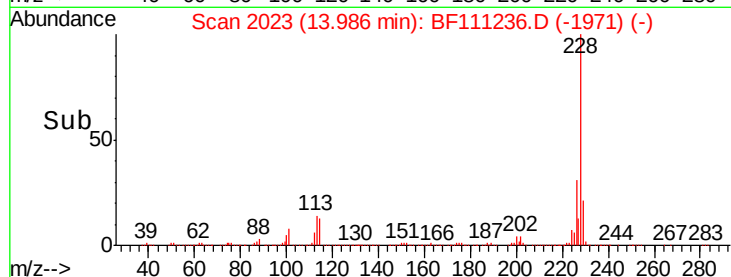
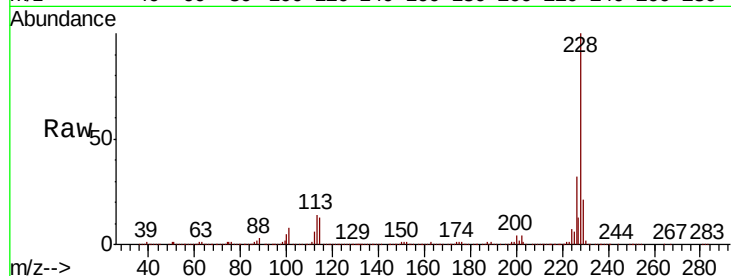
#83
Chrysene
Concen: 44.677 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

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

Tot Ion:228 Resp: 2667043
Ion Ratio Lower Upper
228 100
226 31.6 25.3 37.9
229 20.8 17.2 25.8

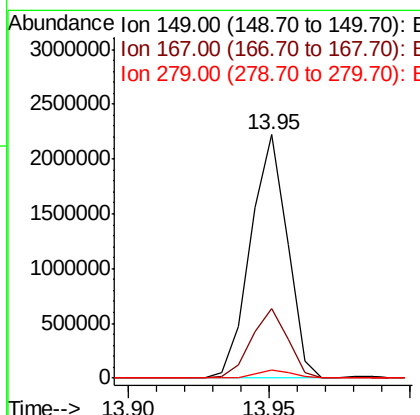
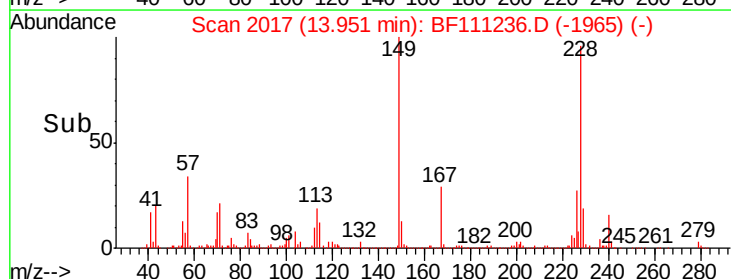
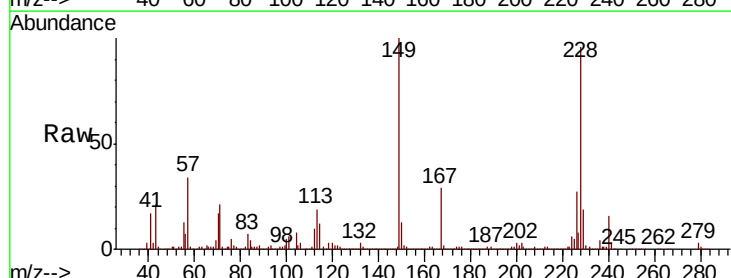
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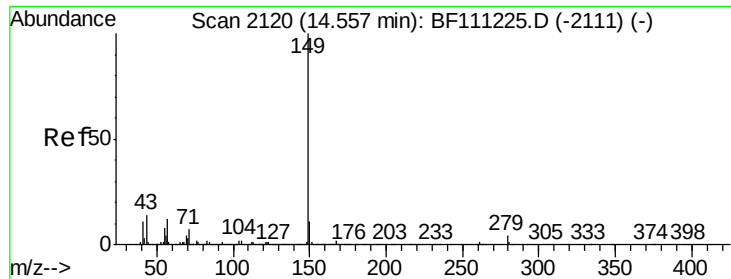
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.658 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

Tgt Ion:149 Resp: 2009771
Ion Ratio Lower Upper
149 100
167 28.6 22.5 33.7
279 3.5 2.6 4.0





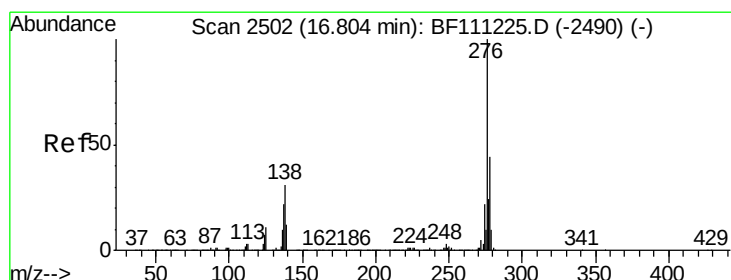
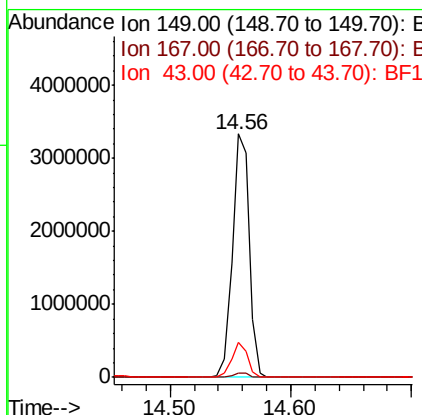
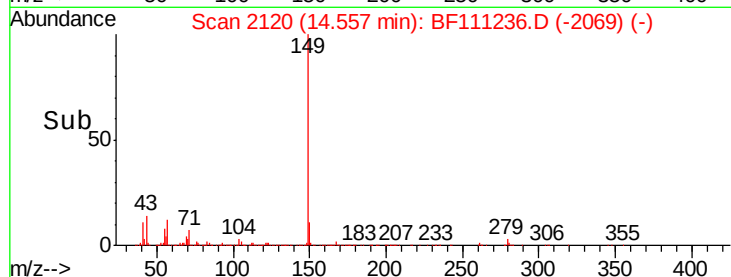
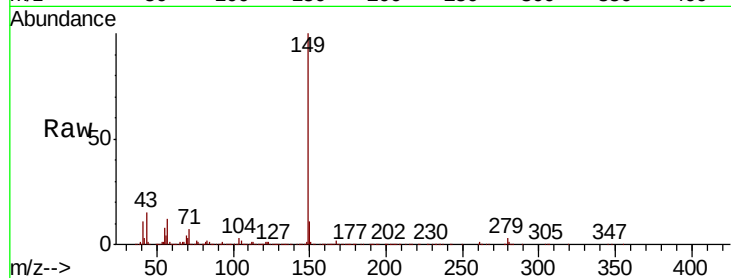
#85
Di-n-octyl phthalate
Concen: 41.741 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

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

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	13.4	10.9	16.3

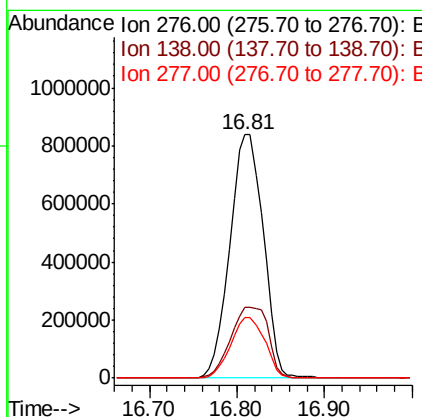
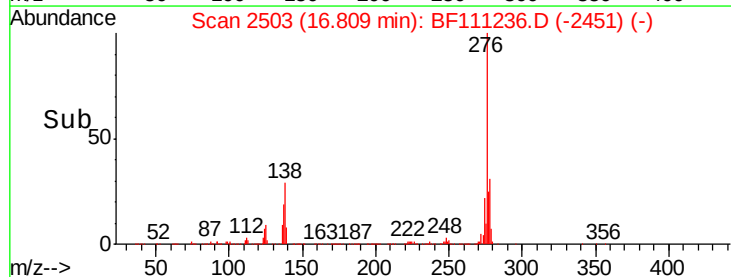
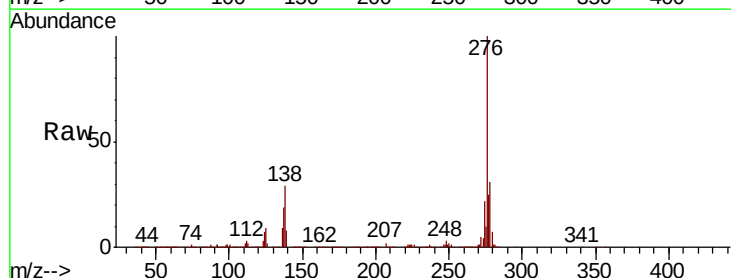
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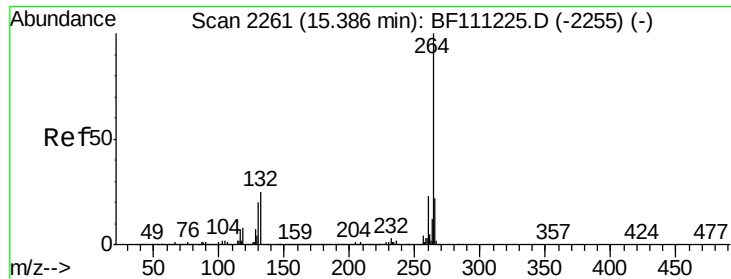
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 45.227 ng
RT: 16.81 min Scan# 2503
Delta R.T. 0.01 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.7	27.8	41.6
277	25.3	20.1	30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111236.D

Acq: 10 Dec 2018 12:23

Instrument :

BNA_F

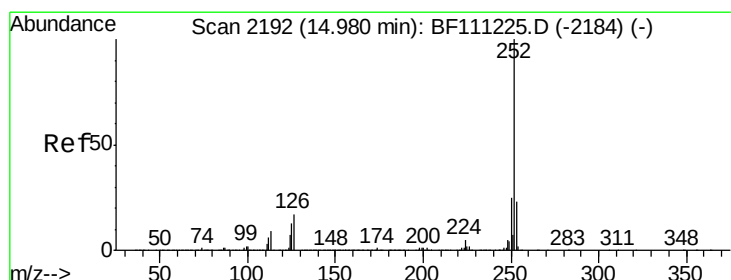
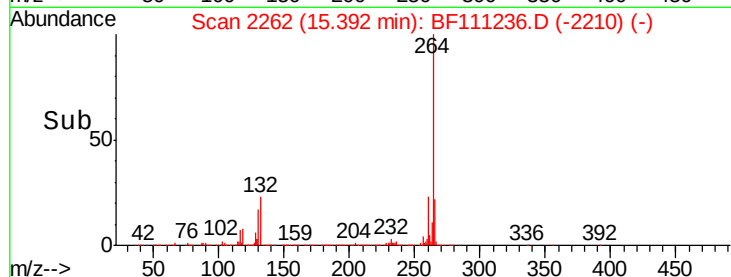
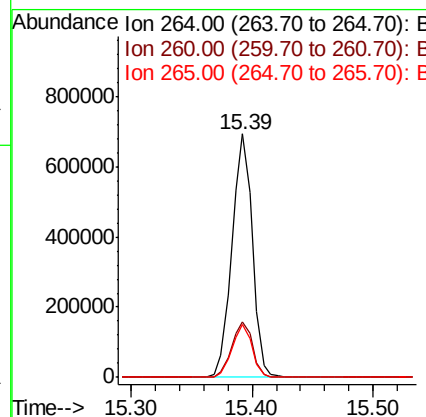
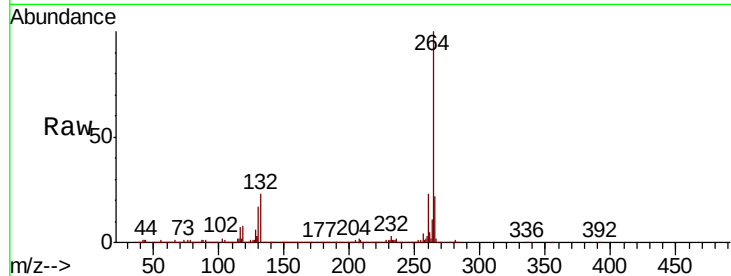
ClientSampleId :

S1-0-0.5-BGSMS

Tot Ion:	264	Resp:	814292
Ion Ratio	Lower	Upper	
264	100		
260	22.9	18.3	27.5
265	21.8	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 46.843 ng

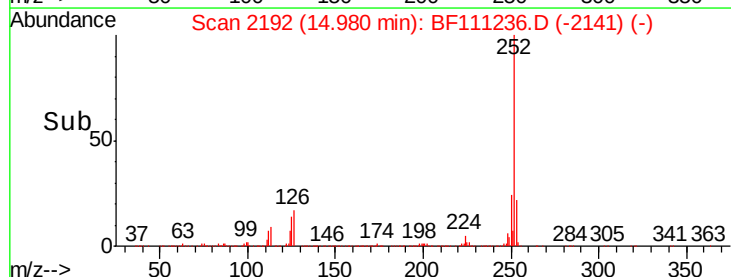
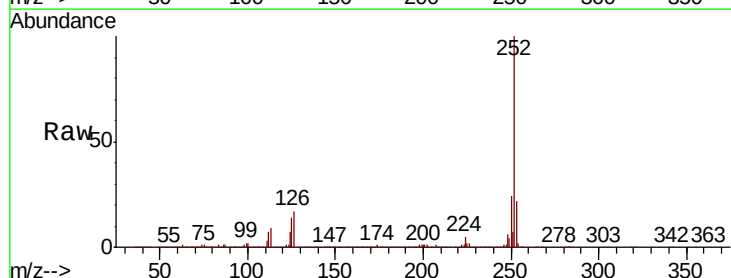
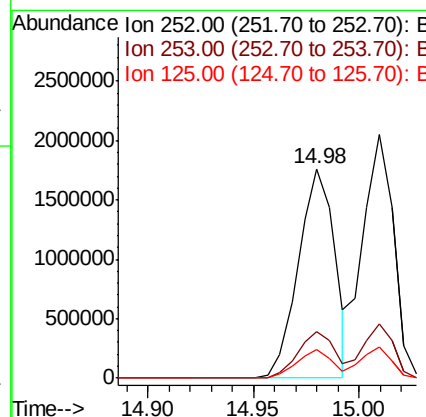
RT: 14.98 min Scan# 2192

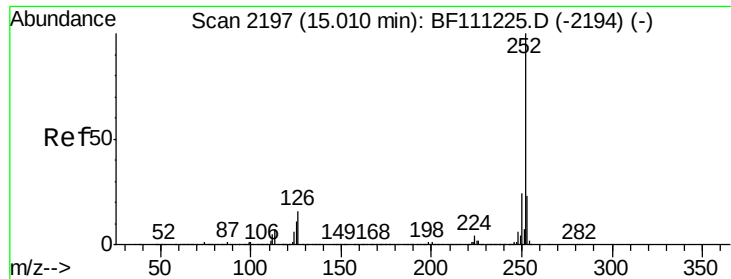
Delta R.T. -0.00 min

Lab File: BF111236.D

Acq: 10 Dec 2018 12:23

Tgt Ion:	252	Resp:	2109434
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.2	27.2
125	13.8	10.4	15.6





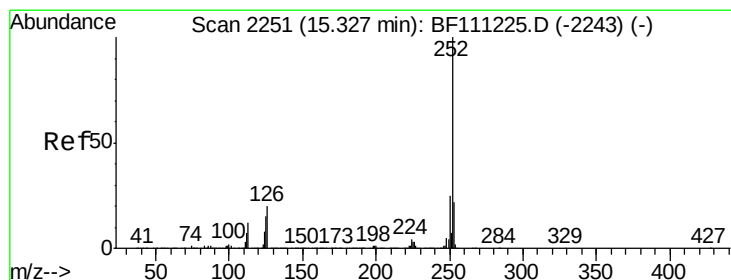
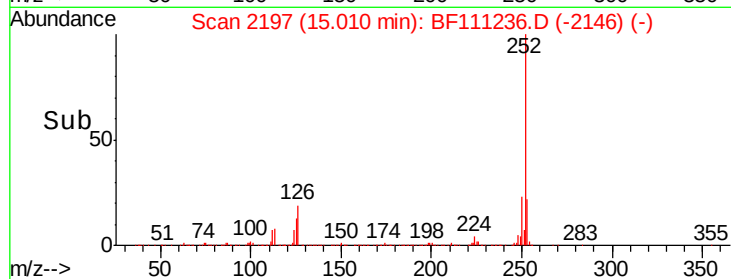
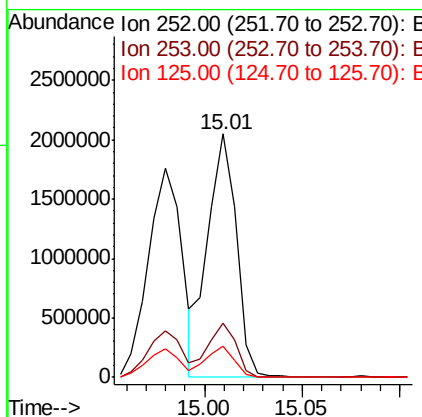
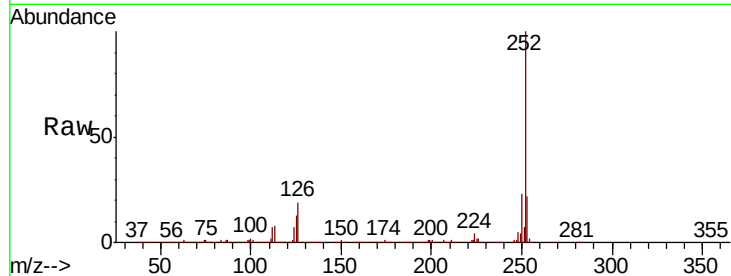
#89
Benzo(k)fluoranthene
Concen: 49.270 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

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

Tot Ion:252 Resp: 2086025
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 12.9 9.8 14.8

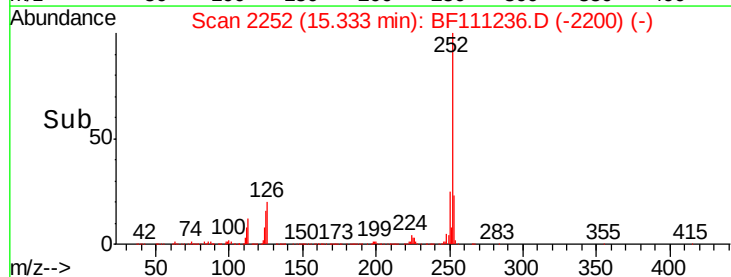
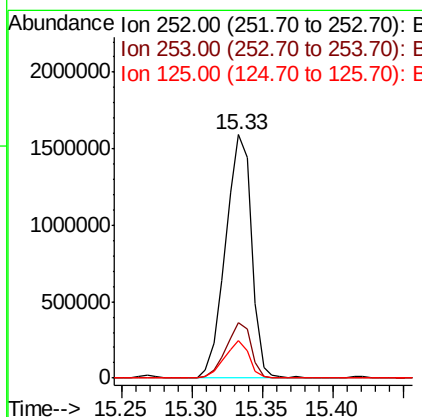
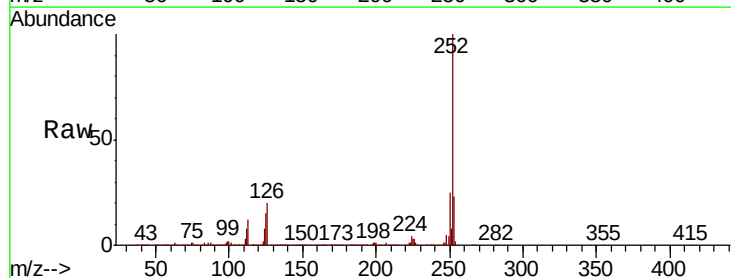
Manual Integrations
APPROVED

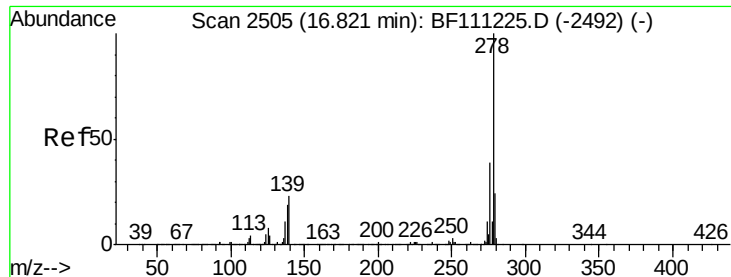
Sohil
12/11/2018 8:42:25 AM



#90
Benzo(a)pyrene
Concen: 49.289 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

Tgt Ion:252 Resp: 2043962
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 15.5 12.3 18.5





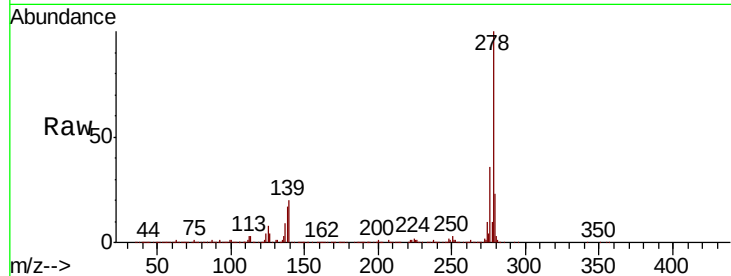
#91
Dibenzo(a,h)anthracene
Concen: 57.317 ng
RT: 16.83 min Scan# 2507
Delta R.T. 0.01 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.2	18.2	27.4
279	23.5	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/11/2018 8:42:25 AM

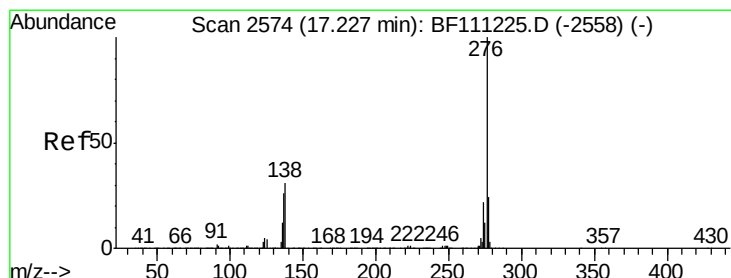
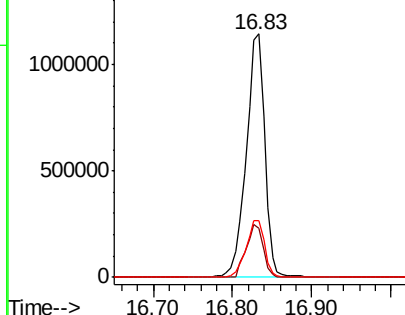
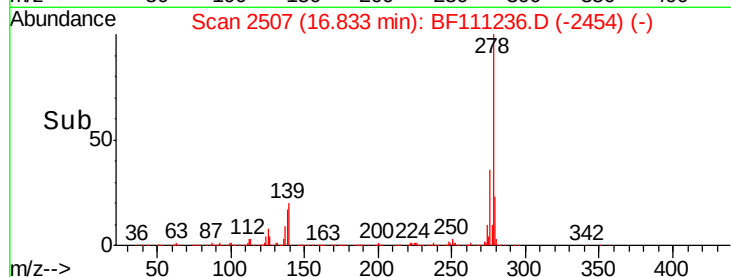


Abundance

Ion 278.00 (277.70 to 278.70): E

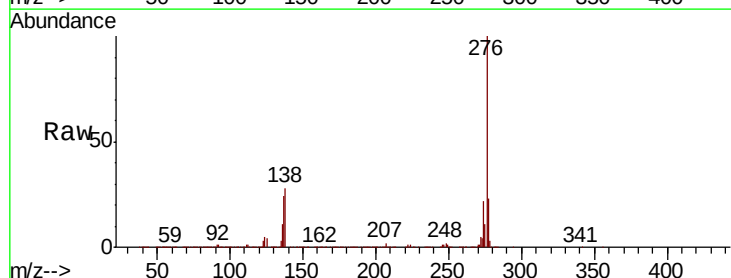
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 66.285 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.01 min
Lab File: BF111236.D
Acq: 10 Dec 2018 12:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.2	28.8
138	28.3	24.9	37.3



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

