

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120818\
 Data File : BF111227.D
 Acq On : 8 Dec 2018 13:57
 Operator : JU/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Sohil
 12/10/2018 4:59:17 PM

Quant Time: Dec 10 00:59:50 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 00:12:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	560834	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2279241	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	1026435	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1722567	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1049807	20.00	ng	0.00
87) Perylene-d12	15.39	264	957547	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	3867390	107.68	ng	0.00
7) Phenol-d6	6.44	99	4947988	107.22	ng	0.00
23) Nitrobenzene-d5	7.37	82	4560097	118.06	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	968683	117.38	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	5977214	97.92	ng	0.00
79) Terphenyl-d14	12.91	244	4902763	97.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	1056696	52.114	ng	99
3) Pyridine	3.27	79	2896955	62.839	ng	98
4) n-Nitrosodimethylamine	3.22	42	1238645	55.729	ng	98
6) Aniline	6.47	93	3460573	56.227	ng	100
8) 2-Chlorophenol	6.59	128	2269554	54.915	ng	98
9) Benzaldehyde	6.35	77	1351474	52.642	ng	99
10) Phenol	6.46	94	2876192m	56.572	ng	
11) bis(2-Chloroethyl)ether	6.55	93	2326044	56.445	ng	98
12) 1,3-Dichlorobenzene	6.75	146	2410858	54.734	ng	97
13) 1,4-Dichlorobenzene	6.82	146	2424528	54.655	ng	98
14) 1,2-Dichlorobenzene	6.98	146	2169887	52.791	ng	99
15) Benzyl Alcohol	6.95	79	1954271	53.688	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	4301836	54.094	ng	98
17) 2-Methylphenol	7.06	107	1926488	56.736	ng	97
18) Hexachloroethane	7.32	117	951203	57.343	ng	93
19) n-Nitroso-di-n-propylamine	7.23	70	1700519	55.069	ng	98
20) 3+4-Methylphenols	7.22	107	2109998	51.346	ng	98
22) Acetophenone	7.22	105	2818025	51.489	ng	# 98
24) Nitrobenzene	7.39	77	2427328	58.506	ng	98
25) Isophorone	7.63	82	4077643	57.746	ng	99
26) 2-Nitrophenol	7.70	139	1263496	70.277	ng	97
27) 2,4-Dimethylphenol	7.75	122	1822457	55.293	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	2702506	56.506	ng	98
29) 2,4-Dichlorophenol	7.95	162	1867571	57.560	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	1837127	56.039	ng	100
31) Naphthalene	8.11	128	5341560	53.771	ng	94
32) Benzoic acid	7.89	122	1595830m	70.795	ng	
33) 4-Chloroaniline	8.16	127	2732644	57.086	ng	99
34) Hexachlorobutadiene	8.23	225	1007278	56.614	ng	98
35) Caprolactam	8.55	113	700203	58.670	ng	98
36) 4-Chloro-3-methylphenol	8.64	107	1983764	56.122	ng	100
37) 2-Methylnaphthalene	8.80	142	3593342	52.704	ng	98
38) 1-Methylnaphthalene	8.90	142	3460935	52.728	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1508284	55.061	ng	100

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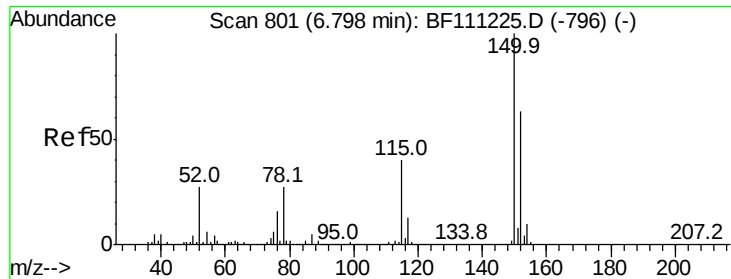
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	921478	63.113	nq	99
43) 2,4,6-Trichlorophenol	9.07	196	1199844	59.703	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	1237400	60.585	nq	98
46) 1,1'-Biphenyl	9.27	154	4307526	51.367	nq	96
47) 2-Chloronaphthalene	9.29	162	3549078	54.400	nq	98
48) 2-Nitroaniline	9.38	65	1341751	62.867	nq	97
49) Acenaphthylene	9.70	152	4947438	54.228	nq	95
50) Dimethylphthalate	9.57	163	3895855	54.626	nq	99
51) 2,6-Dinitrotoluene	9.63	165	979933	64.288	nq	97
52) Acenaphthene	9.87	154	3305777	54.707	nq	98
53) 3-Nitroaniline	9.79	138	1210840	63.229	nq	99
54) 2,4-Dinitrophenol	9.89	184	427649	94.539	nq	93
55) Dibenzofuran	10.05	168	4470185	53.863	nq	94
56) 4-Nitrophenol	9.95	139	966456	66.598	nq	92
57) 2,4-Dinitrotoluene	10.03	165	1260339	63.669	nq	97
58) Fluorene	10.39	166	3095526	53.087	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	941332	61.614	nq	99
60) Diethylphthalate	10.27	149	3864300	54.130	nq	97
61) 4-Chlorophenyl-phenylether	10.38	204	1579540	54.889	nq	96
62) 4-Nitroaniline	10.41	138	1145759	65.654	nq	99
63) Azobenzene	10.55	77	3992849	52.755	nq	97
65) 4,6-Dinitro-2-methylphenol	10.44	198	625770	82.049	nq	# 81
66) n-Nitrosodiphenylamine	10.50	169	3246390	53.895	nq	98
67) 4-Bromophenyl-phenylether	10.87	248	1057698	57.720	nq	95
68) Hexachlorobenzene	10.94	284	1071245	57.122	nq	94
69) Atrazine	11.03	200	953423	58.164	nq	99
70) Pentachlorophenol	11.13	266	800651	64.244	nq	95
71) Phenanthrene	11.35	178	4401526	53.169	nq	99
72) Anthracene	11.40	178	4461066	53.444	nq	97
73) Carbazole	11.55	167	4740645	54.497	nq	97
74) Di-n-butylphthalate	11.89	149	5107584	50.199	nq	98
75) Fluoranthene	12.53	202	4382745	53.913	nq	94
77) Benzidine	12.65	184	1836571	51.576	nq	98
78) Pyrene	12.76	202	4553532	56.262	nq	97
80) Butylbenzylphthalate	13.39	149	2388067	60.913	nq	95
81) Benzo(a)anthracene	13.94	228	3214106	52.767	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	1311615	56.366	nq	99
83) Chrysene	13.99	228	3414518	56.015	nq	97
84) Bis(2-ethylhexyl)phthalate	13.95	149	2639904	55.980	nq	98
85) Di-n-octyl phthalate	14.56	149	4389758	58.306	nq	98
86) Indeno(1,2,3-cd)pyrene	16.81	276	3116622	63.375	nq	100
88) Benzo(b)fluoranthene	14.98	252	3017572	55.635	nq	98
89) Benzo(k)fluoranthene	15.01	252	2992930	57.324	nq	97
90) Benzo(a)pyrene	15.33	252	2895503	58.270	nq	99
91) Dibenzo(a,h)anthracene	16.83	278	2543689	61.079	nq	100
92) Benzo(g,h,i)perylene	17.24	276	2647964	63.257	nq	99

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



#1

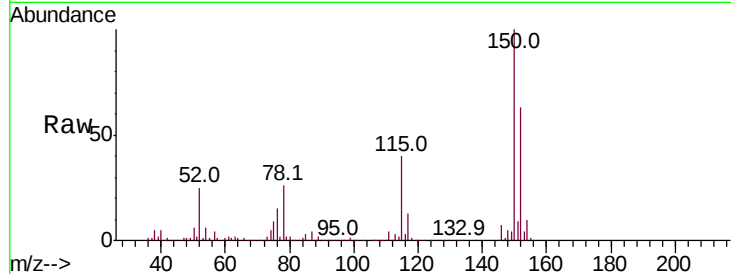
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.6	189.8
115	62.3	50.7	76.1

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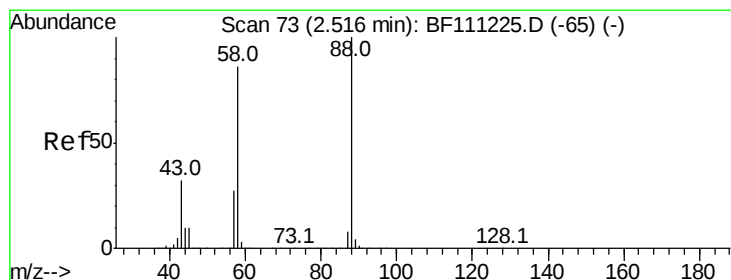
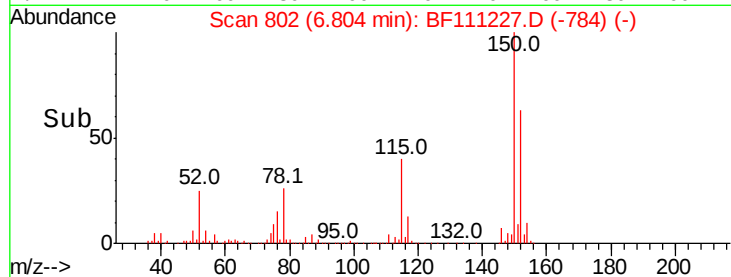
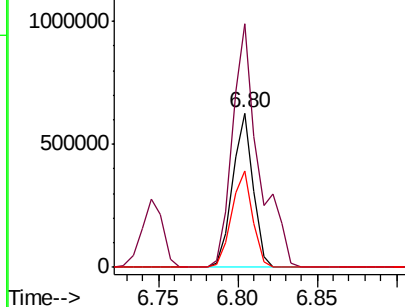


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

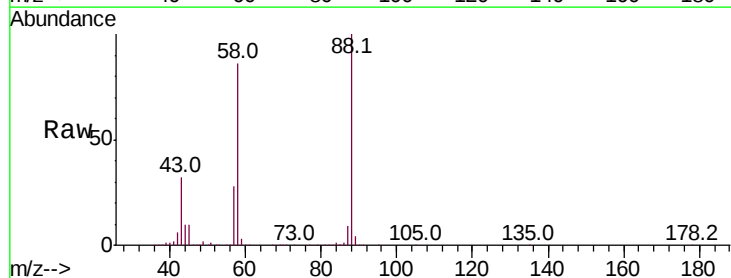
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 52.114 ng
RT: 2.54 min Scan# 77
Delta R.T. 0.02 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.1	68.9	103.3
43	32.8	25.8	38.6

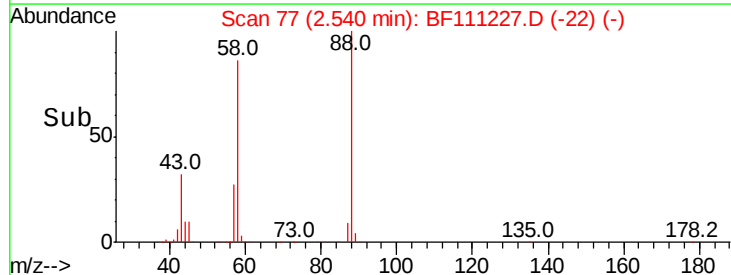
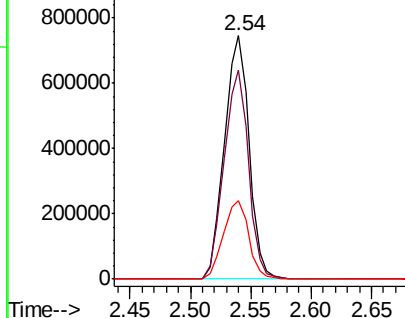


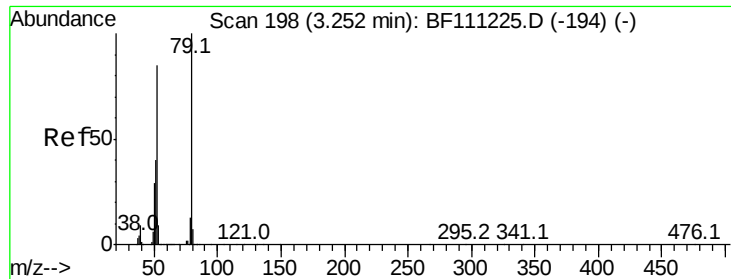
Abundance

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: 62.839 ng

RT: 3.27 min Scan# 201

Delta R.T. 0.02 min

Lab File: BF111227.D

Acq: 8 Dec 2018 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 79 Resp: 2896955

Ion Ratio Lower Upper

79 100

52 83.8 68.3 102.5

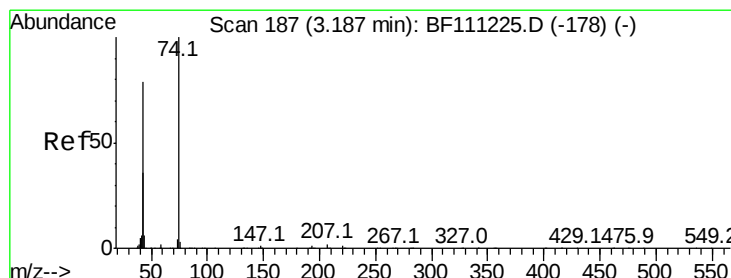
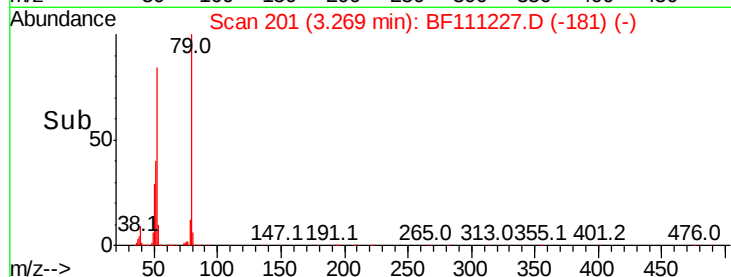
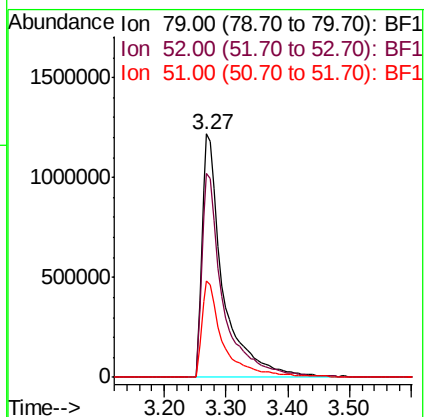
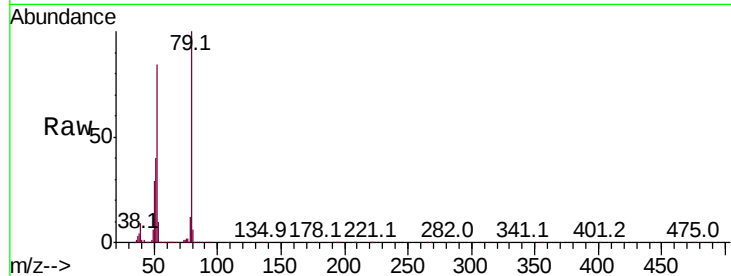
51 39.8 32.6 49.0

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#4

n-Nitrosodimethylamine

Concen: 55.729 ng

RT: 3.22 min Scan# 193

Delta R.T. 0.04 min

Lab File: BF111227.D

Acq: 8 Dec 2018 13:57

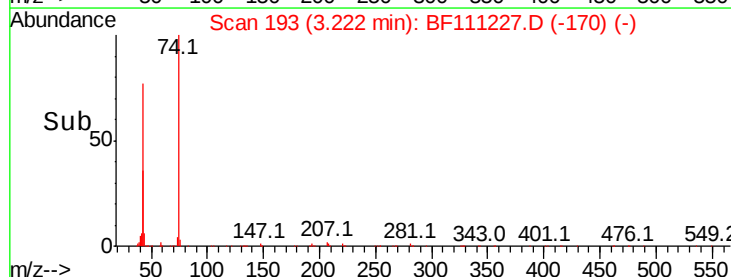
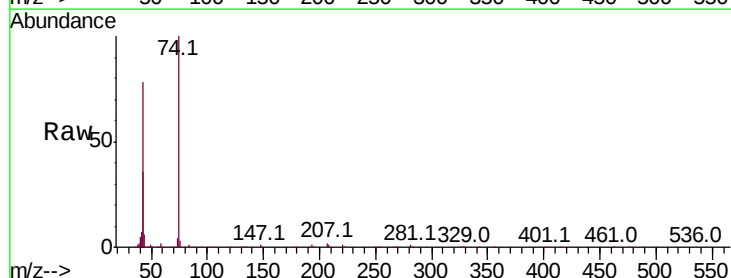
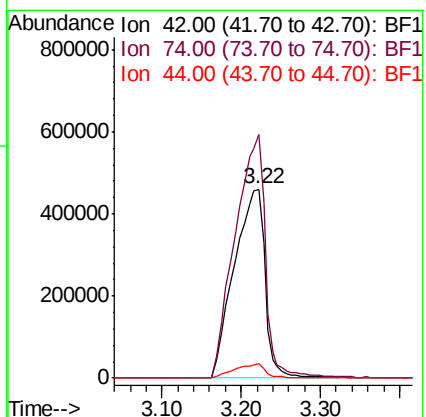
Tgt Ion: 42 Resp: 1238645

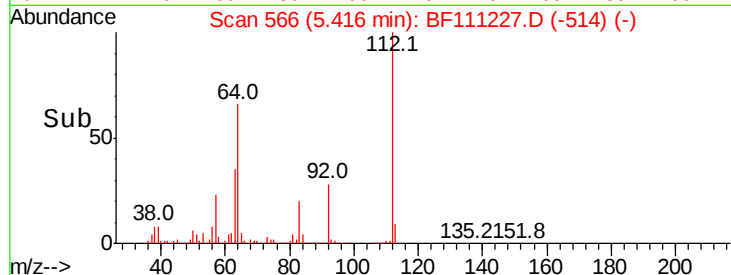
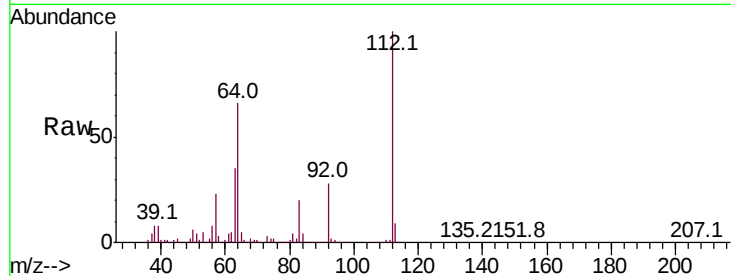
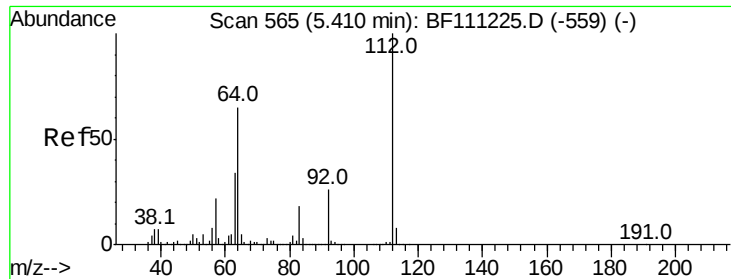
Ion Ratio Lower Upper

42 100

74 129.0 101.5 152.3

44 7.6 6.0 9.0





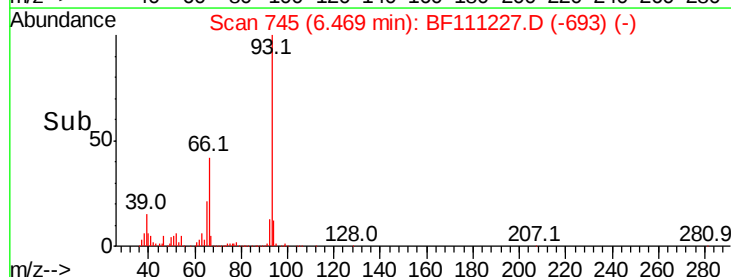
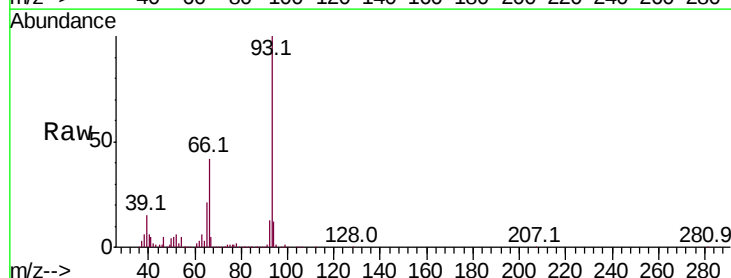
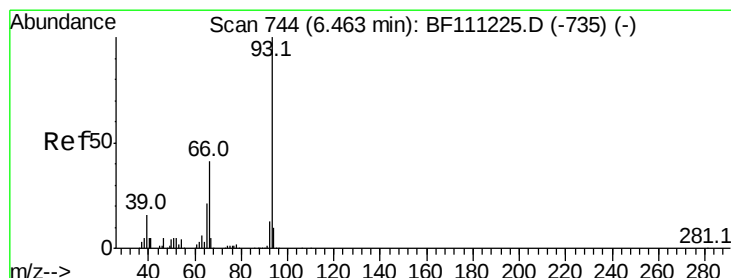
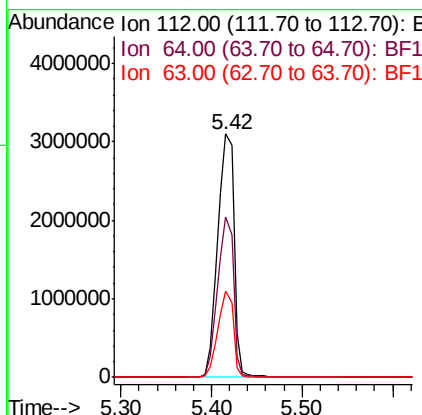
#5
2-Fluorophenol
Concen: 107.678 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Tot Ion: 112 Resp: 3867390
Ion Ratio Lower Upper
112 100
64 65.9 51.8 77.6
63 35.3 26.8 40.2

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

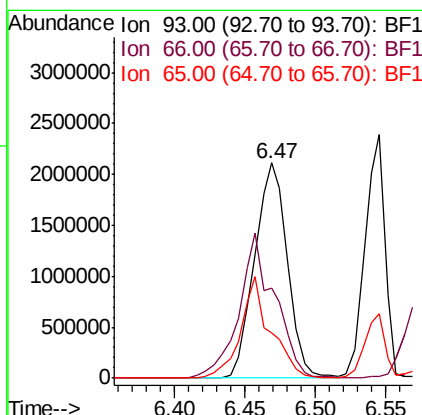
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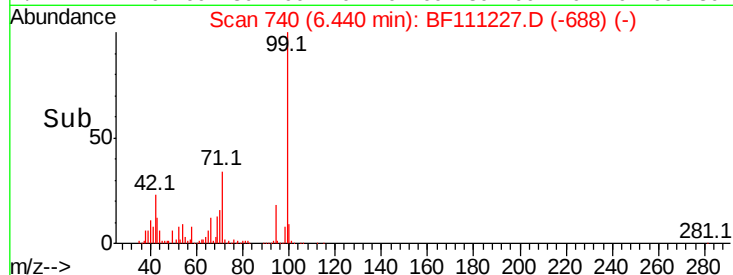
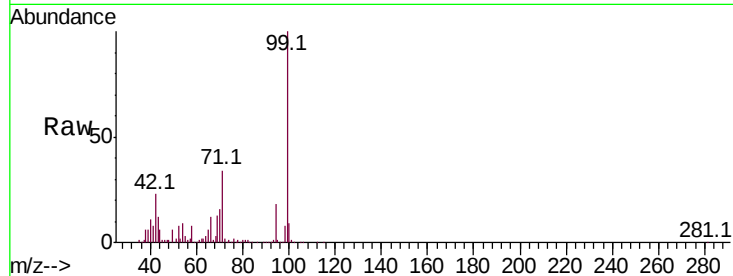
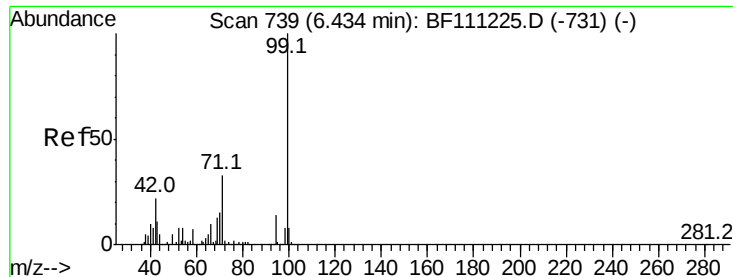
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#6
Aniline
Concen: 56.227 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Tgt Ion: 93 Resp: 3460573
Ion Ratio Lower Upper
93 100
66 41.5 33.2 49.8
65 21.1 17.0 25.4





#7

Phenol-d6

Concen: 107.219 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111227.D

Acq: 8 Dec 2018 13:57

Tot Ion: 99 Resp: 4947988

Ion Ratio Lower Upper

99 100

42 23.1 17.4 26.0

71 33.8 26.1 39.1

Instrument :

BNA_F

ClientSampleId :

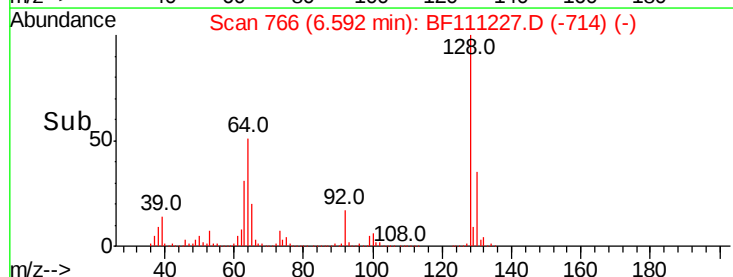
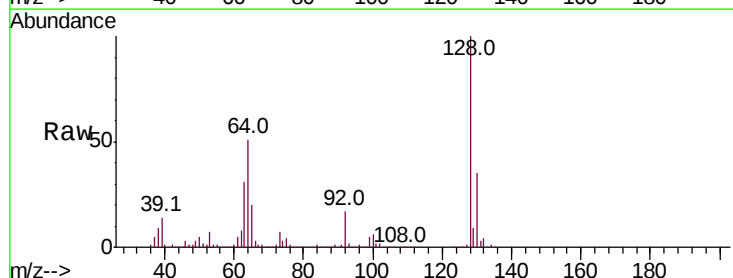
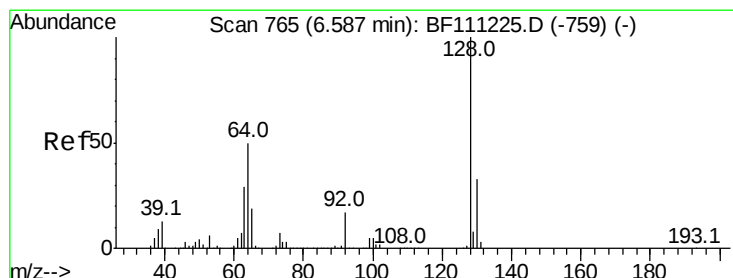
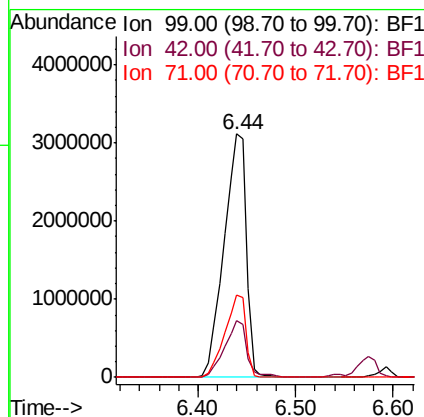
SSTDICC060

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#8

2-Chlorophenol

Concen: 54.915 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF111227.D

Acq: 8 Dec 2018 13:57

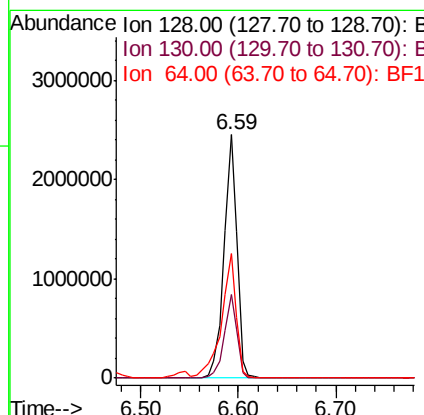
Tgt Ion:128 Resp: 2269554

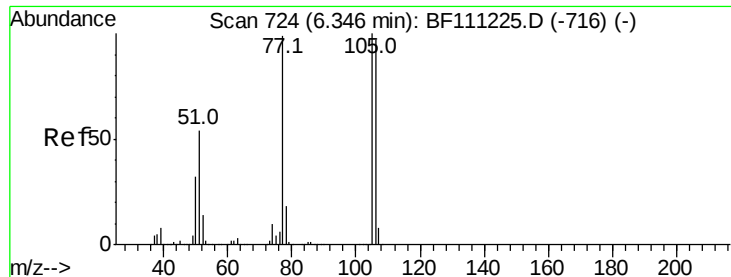
Ion Ratio Lower Upper

128 100

130 34.5 12.7 52.7

64 50.9 30.0 70.0





#9

Benzaldehyde

Concen: 52.642 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF111227.D

Acq: 8 Dec 2018 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 77 Resp: 1351474

Ion Ratio Lower Upper

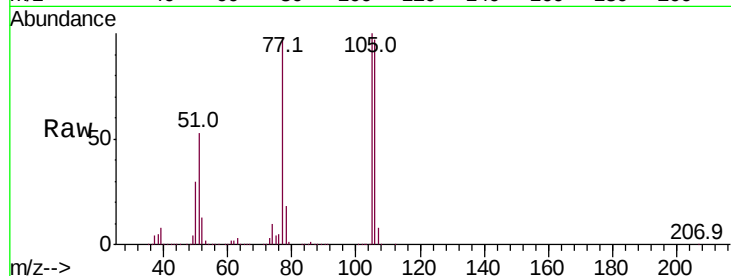
77 100

105 102.2 81.4 121.4

106 99.5 77.9 117.9

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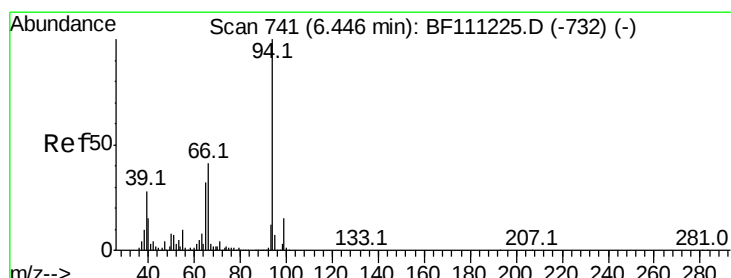
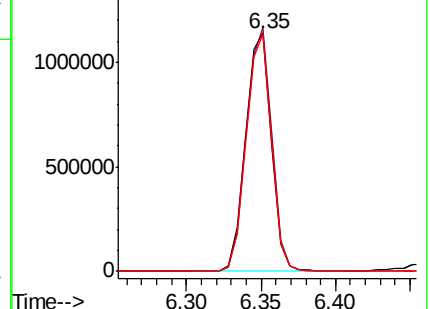
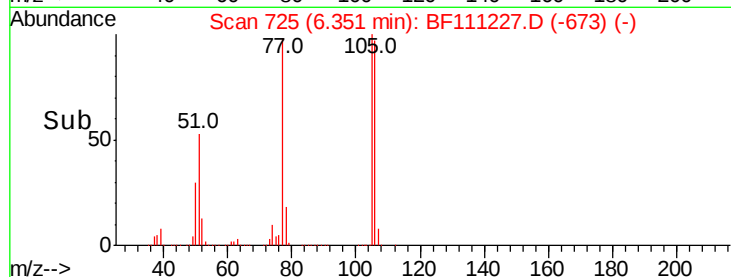
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 56.572 ng m

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF111227.D

Acq: 8 Dec 2018 13:57

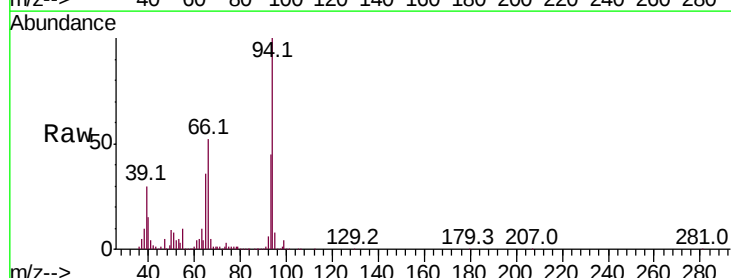
Tgt Ion: 94 Resp: 2876192

Ion Ratio Lower Upper

94 100

65 36.4 11.7 51.7

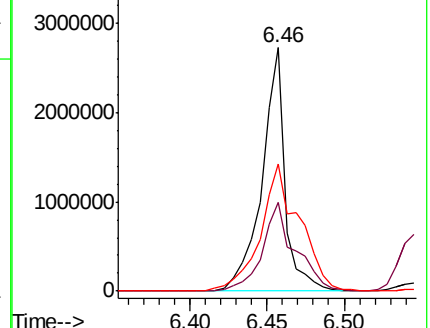
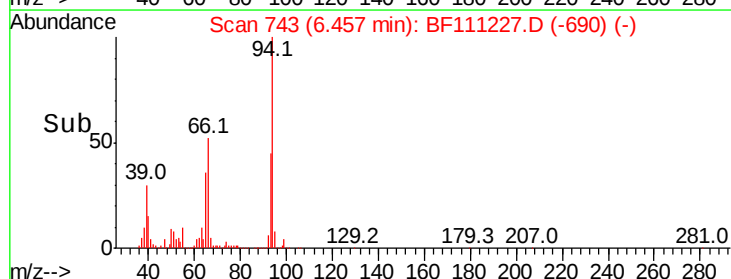
66 52.1 21.0 61.0

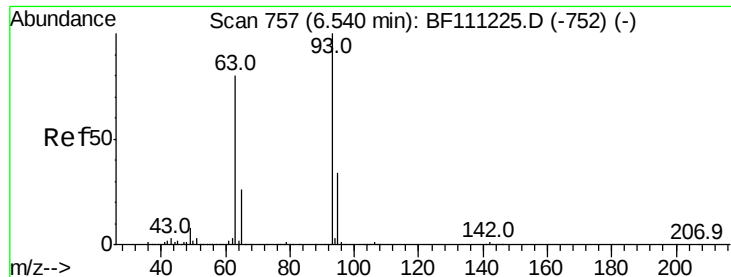


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





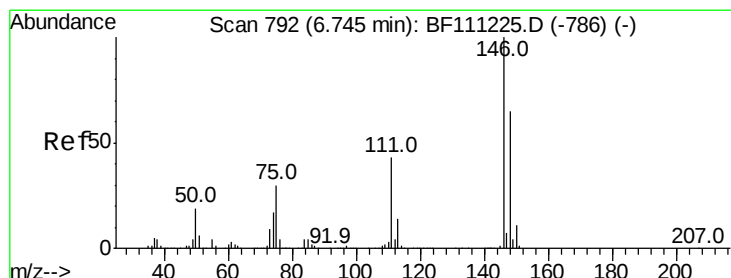
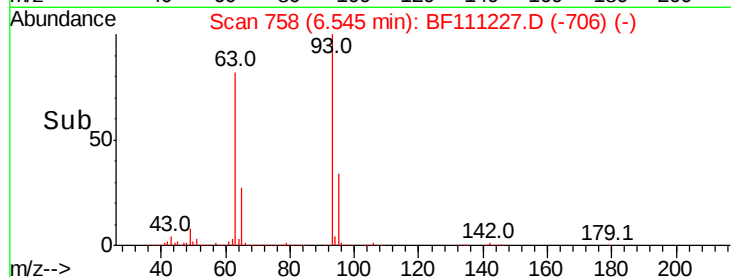
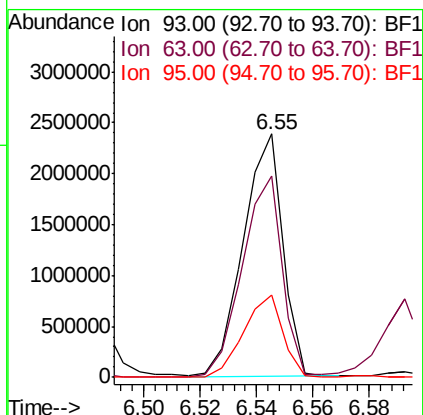
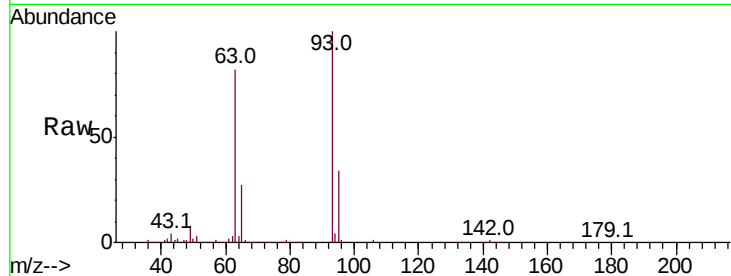
#11
bis(2-Chloroethyl)ether
Concen: 56.445 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion: 93 Resp: 2326044
Ion Ratio Lower Upper
93 100
63 82.5 60.0 100.0
95 33.9 13.4 53.4

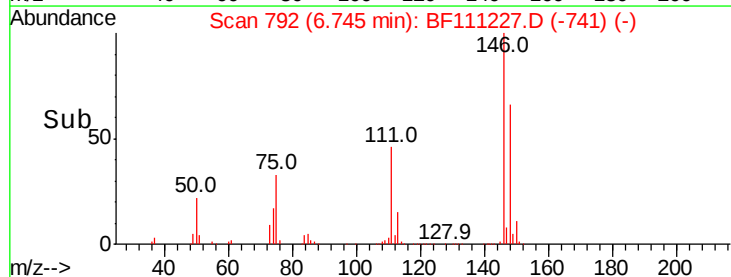
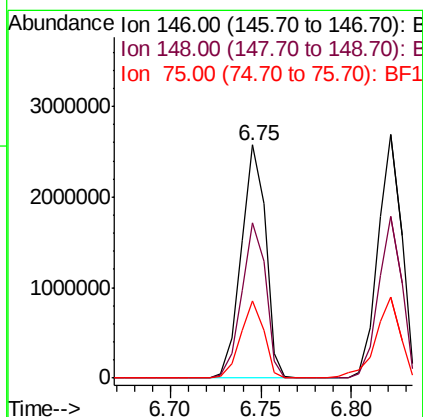
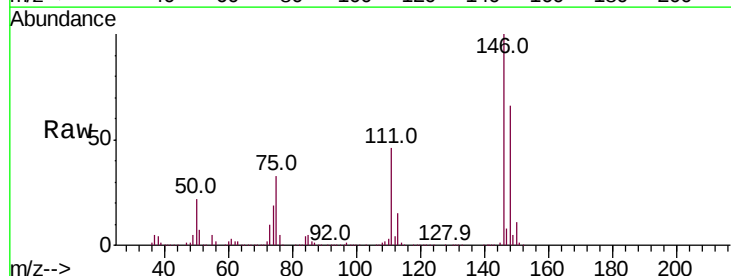
Manual Integrations
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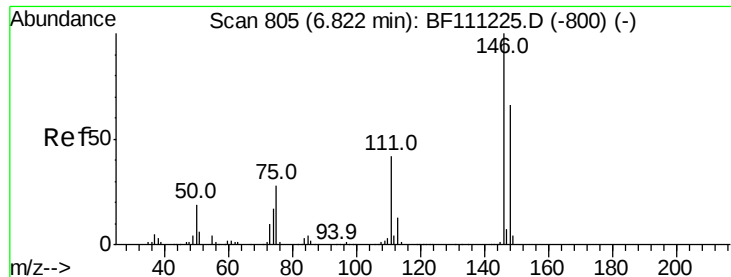
Sohil
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#12
1,3-Dichlorobenzene
Concen: 54.734 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Tgt Ion: 146 Resp: 2410858
Ion Ratio Lower Upper
146 100
148 66.4 52.1 78.1
75 33.1 23.9 35.9





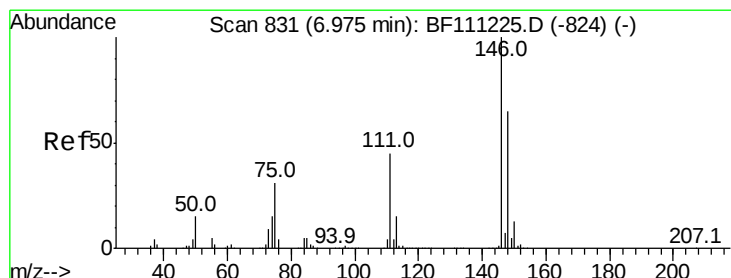
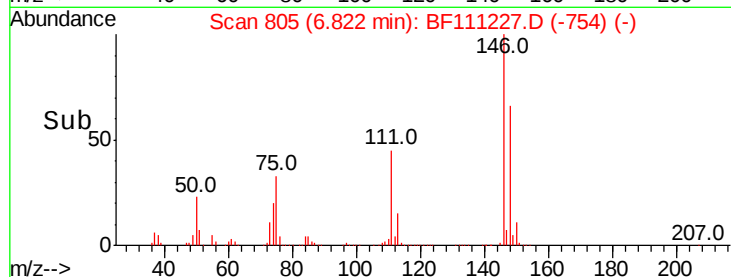
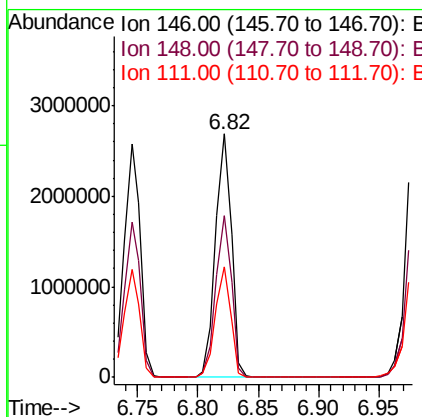
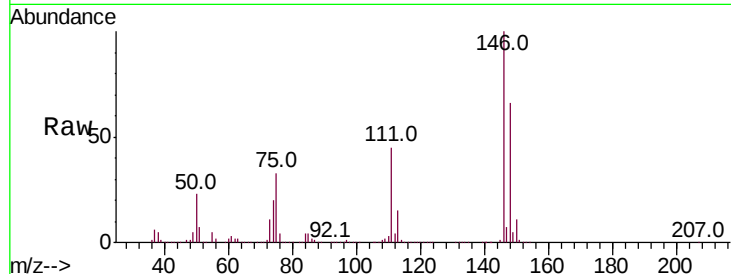
#13
1,4-Dichlorobenzene
Concen: 54.655 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:146 Resp: 2424528
Ion Ratio Lower Upper
146 100
148 66.4 52.8 79.2
111 45.2 33.4 50.0

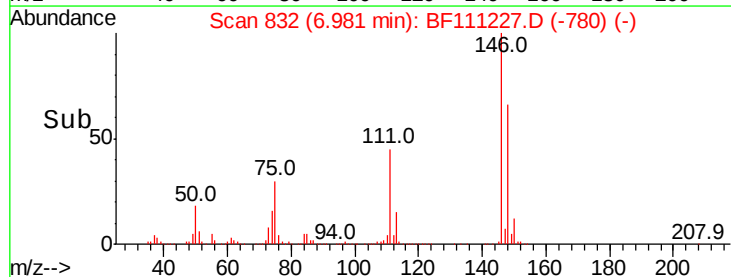
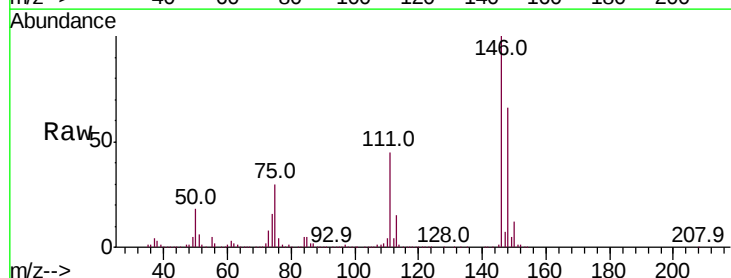
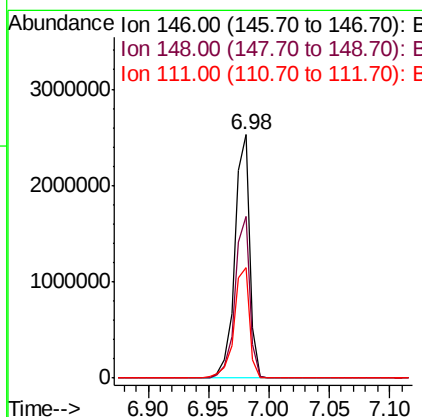
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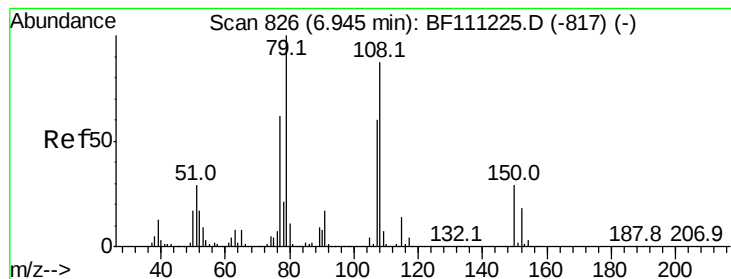
Sohil
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#14
1,2-Dichlorobenzene
Concen: 52.791 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Tgt Ion:146 Resp: 2169887
Ion Ratio Lower Upper
146 100
148 66.5 51.9 77.9
111 45.2 36.2 54.4





#15

Benzyl Alcohol

Concen: 53.688 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF111227.D

Acq: 8 Dec 2018 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 79 Resp: 1954271

Ion Ratio Lower Upper

79 100

108 82.4 69.4 104.2

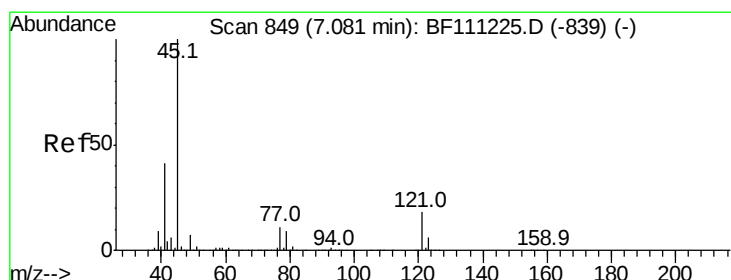
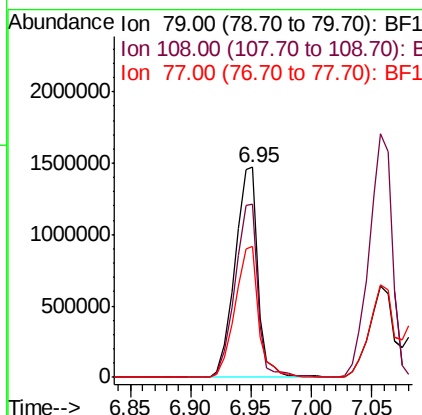
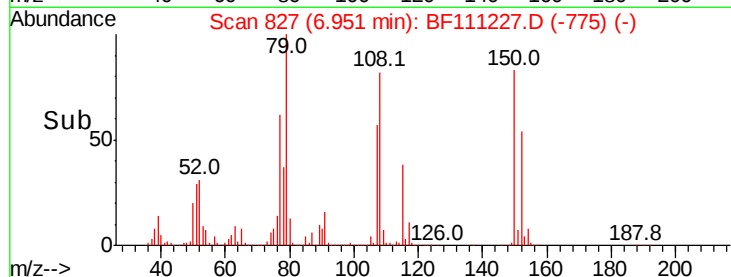
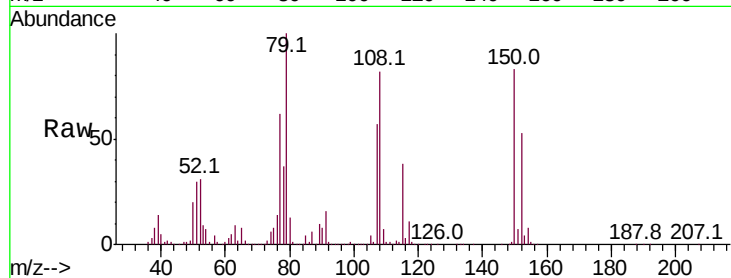
77 62.3 49.7 74.5

Manual Integrations

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#16

2,2'-oxybis(1-chloropropane)

Concen: 54.094 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.01 min

Lab File: BF111227.D

Acq: 8 Dec 2018 13:57

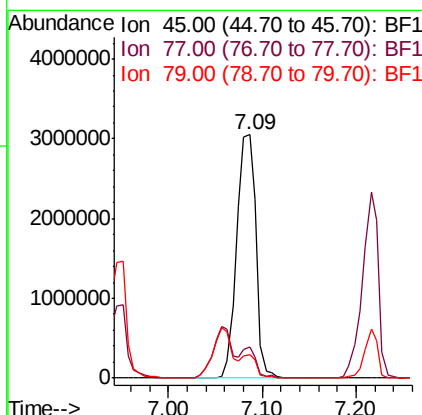
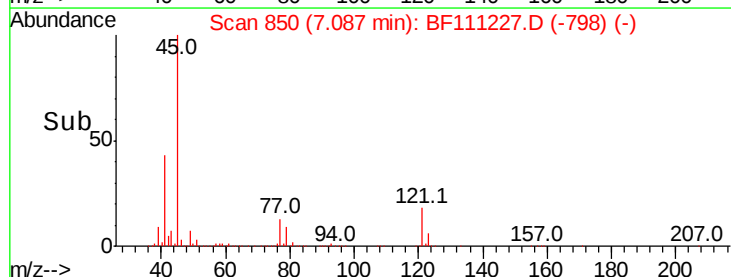
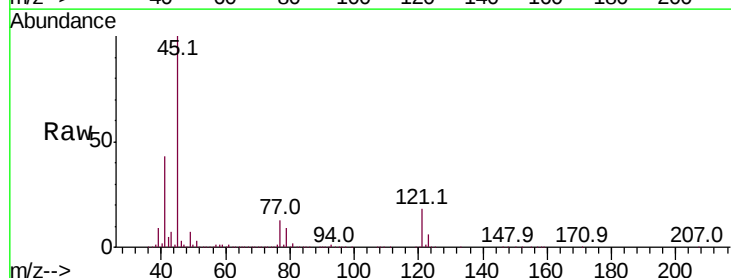
Tgt Ion: 45 Resp: 4301836

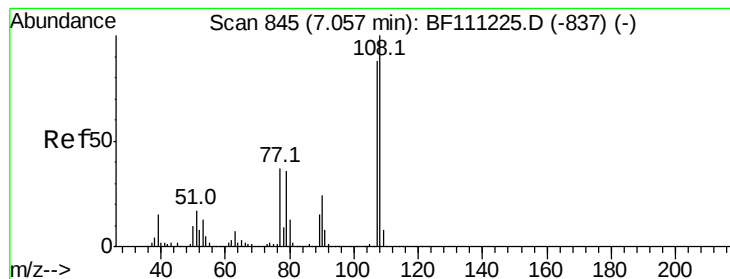
Ion Ratio Lower Upper

45 100

77 12.6 0.0 31.5

79 9.5 0.0 28.9





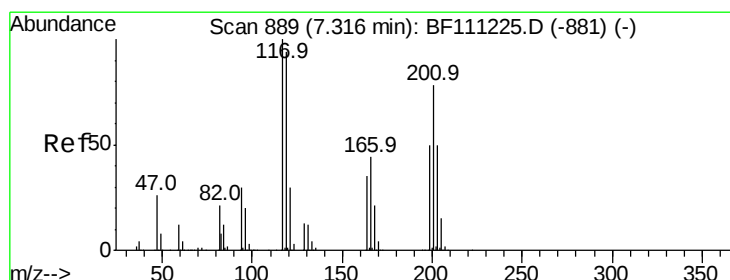
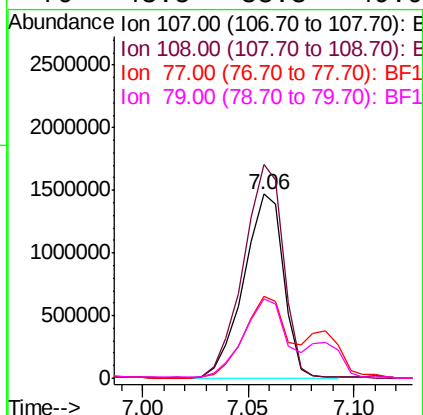
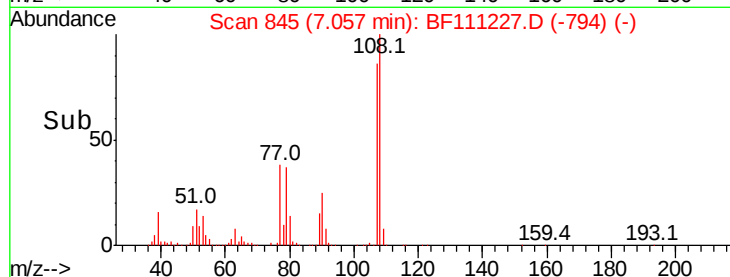
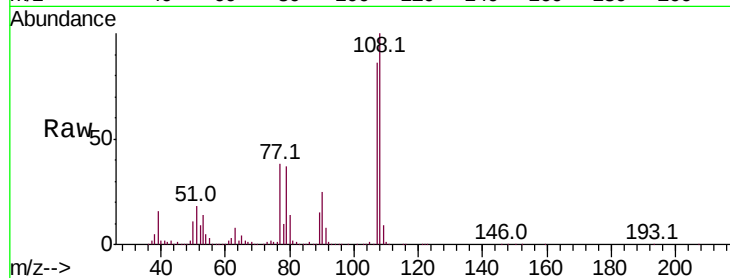
#17
2-Methylphenol
Concen: 56.736 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.2	91.0	136.4
77	44.2	33.5	50.3
79	43.5	33.3	49.9

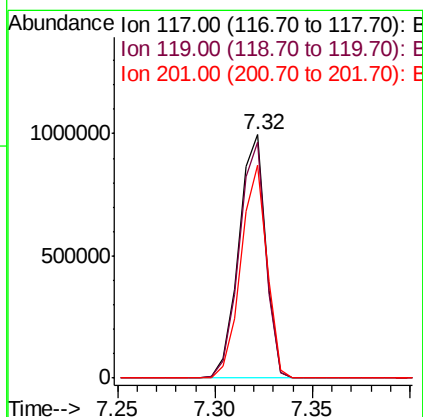
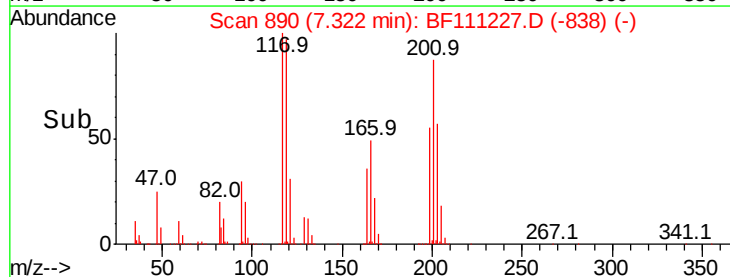
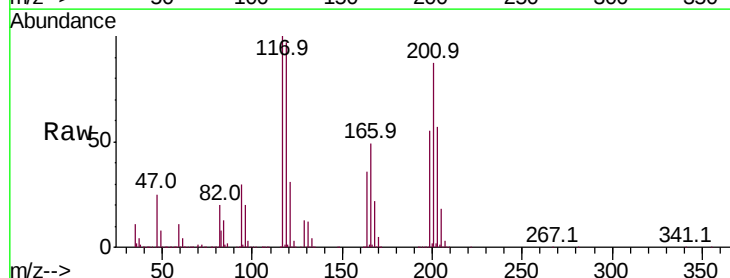
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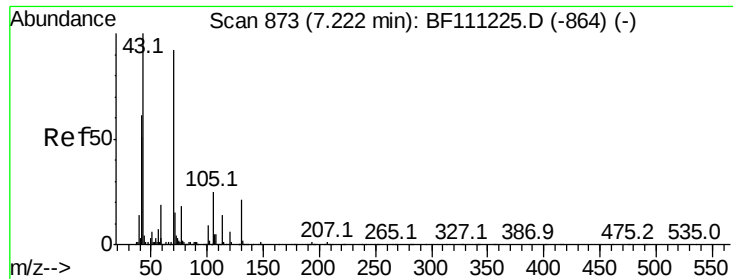
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#18
Hexachloroethane
Concen: 57.343 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.01 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	75.4	113.0
201	87.5	62.4	93.6





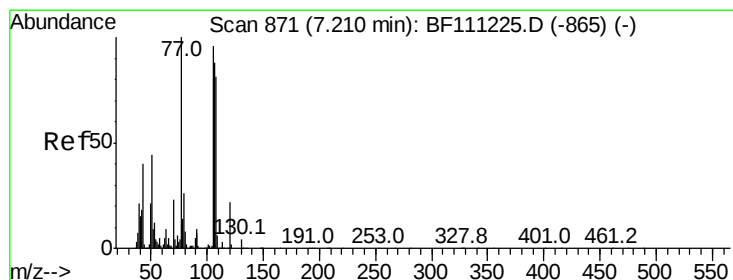
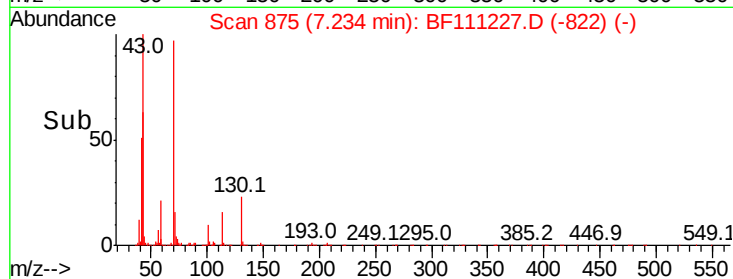
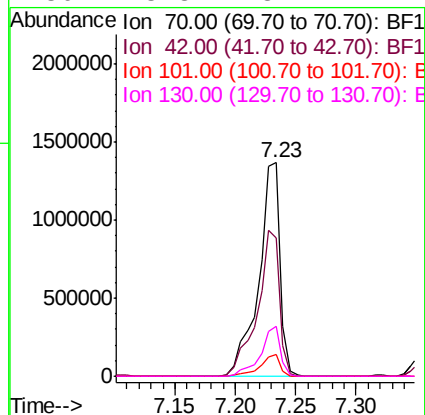
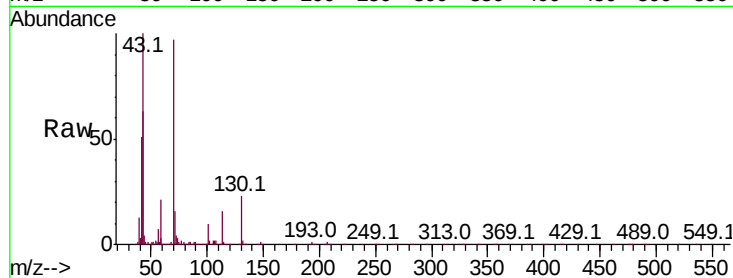
#19
n-Nitroso-di-n-propylamine
Concen: 55.069 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.5	53.2	79.8
101	10.3	8.2	12.4
130	23.3	18.1	27.1

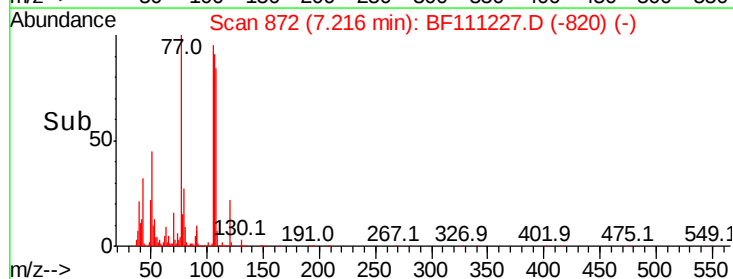
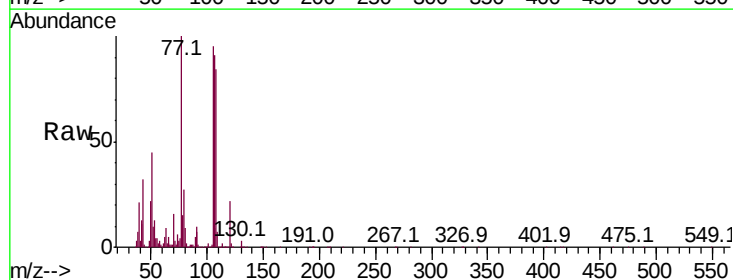
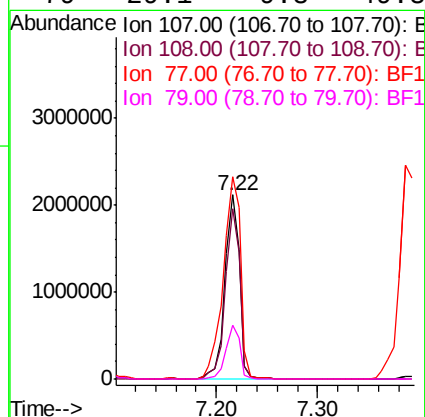
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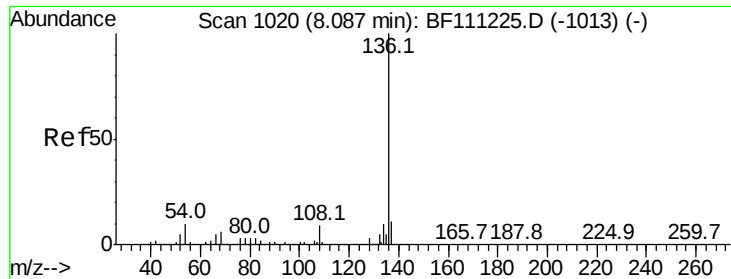
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#20
3+4-Methylphenols
Concen: 51.346 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.1	72.1	112.1
77	109.7	94.1	134.1
79	29.1	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: BF111227.D

Acq: 8 Dec 2018 13:57

Instrument :

BNA_F

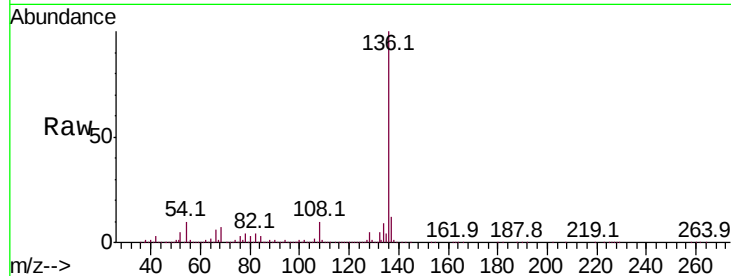
ClientSampleId :

SSTDICC060

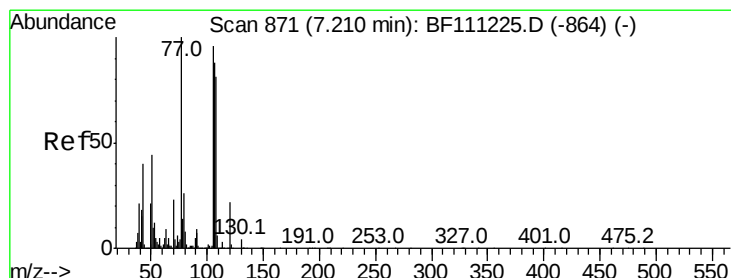
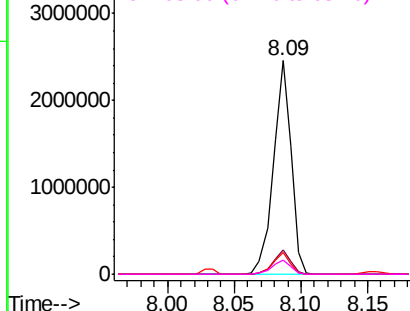
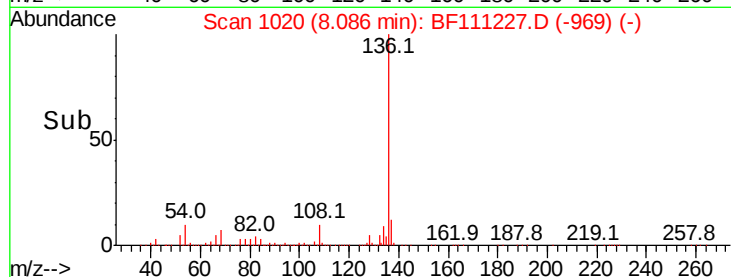
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	10.4	7.7	11.5
68	6.8	4.9	7.3

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 51.489 ng

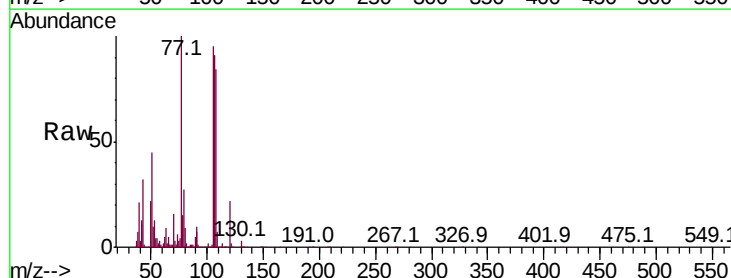
RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

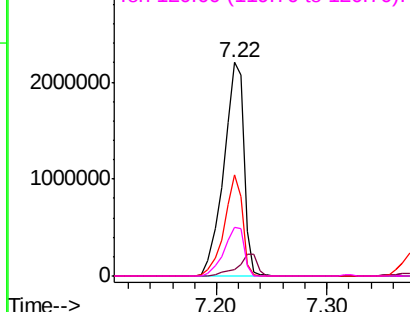
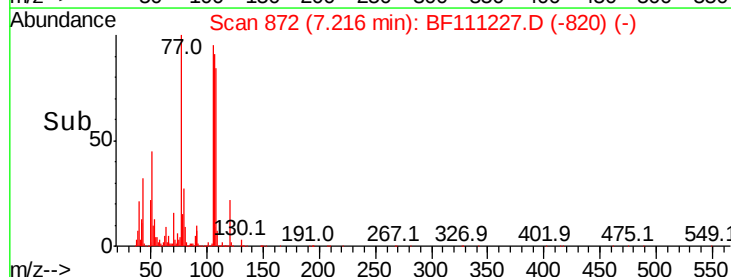
Lab File: BF111227.D

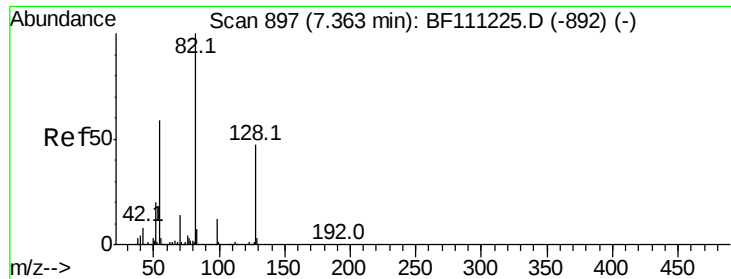
Acq: 8 Dec 2018 13:57

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.9	3.1	4.7#
51	47.1	36.6	54.8
120	23.0	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





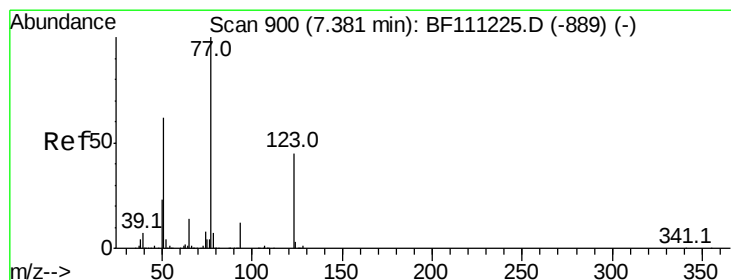
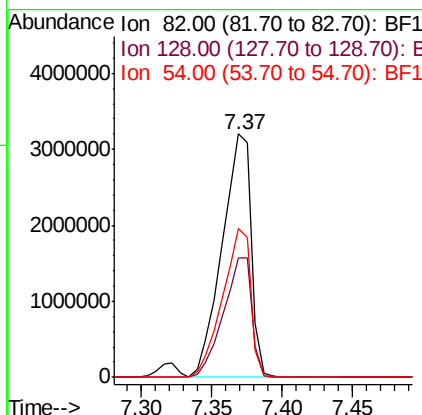
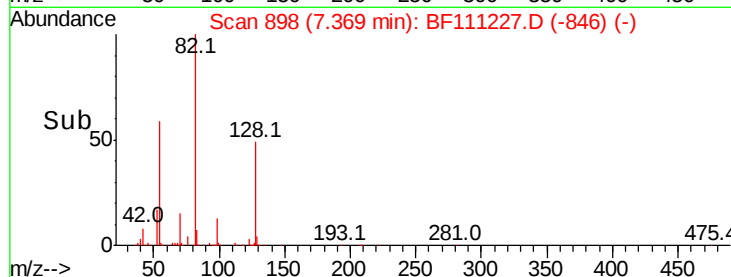
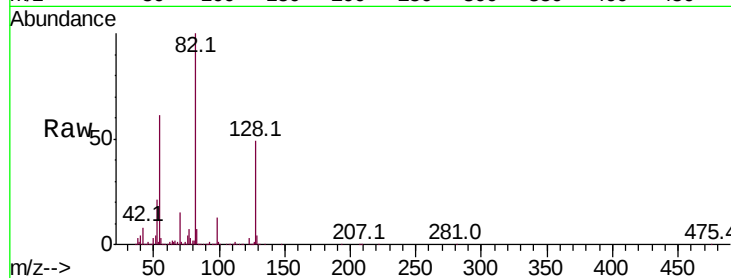
#23
Nitrobenzene-d5
Concen: 118.063 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion: 82 Resp: 4560097
Ion Ratio Lower Upper
82 100
128 49.3 37.4 56.2
54 61.2 47.6 71.4

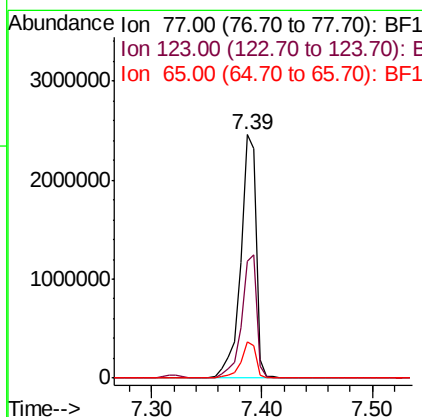
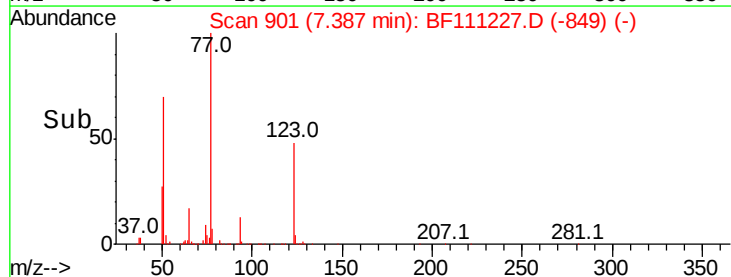
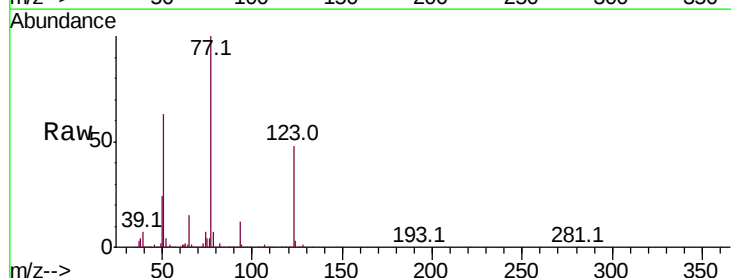
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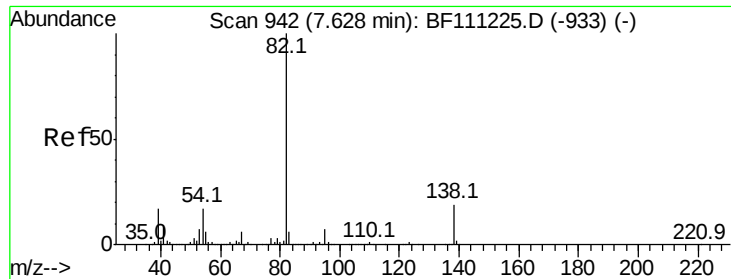
Sohil
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#24
Nitrobenzene
Concen: 58.506 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Tgt Ion: 77 Resp: 2427328
Ion Ratio Lower Upper
77 100
123 48.0 37.2 55.8
65 14.9 11.5 17.3





#25

Isophorone

Concen: 57.746 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF111227.D

Acq: 8 Dec 2018 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 82 Resp: 4077643

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

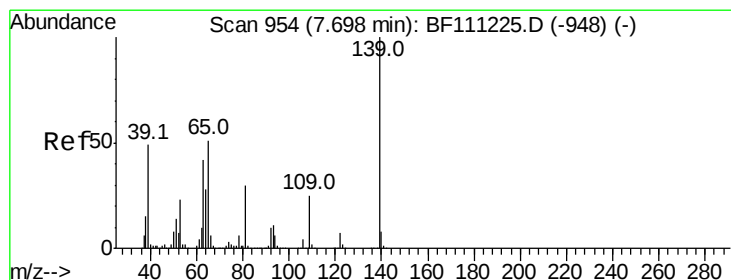
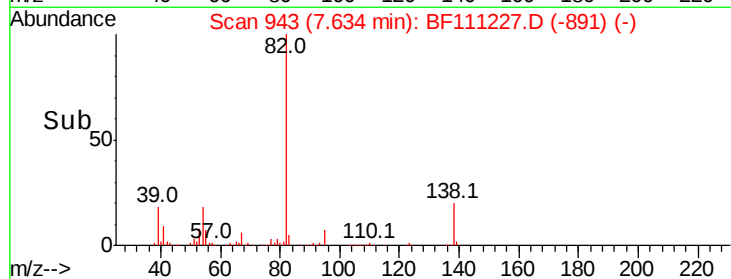
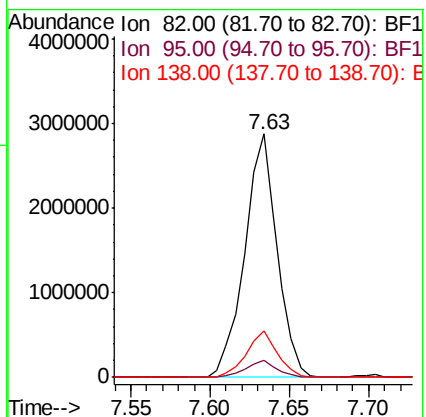
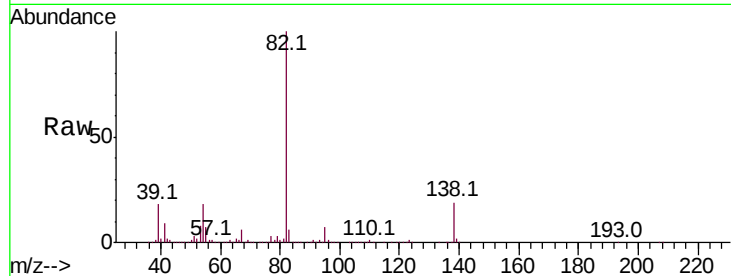
138 19.2 15.1 22.7

Manual Integrations

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#26

2-Nitrophenol

Concen: 70.277 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF111227.D

Acq: 8 Dec 2018 13:57

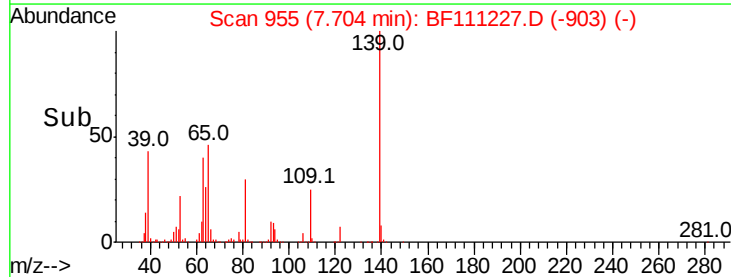
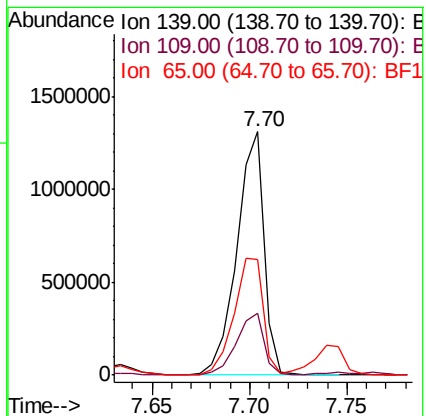
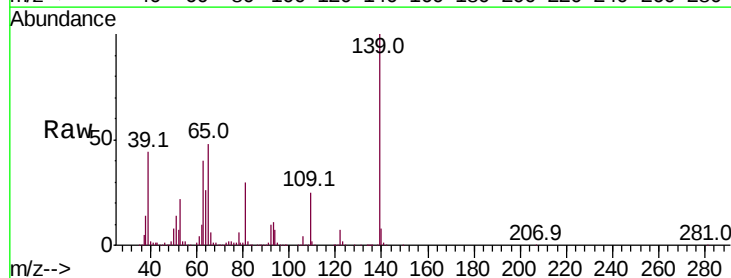
Tgt Ion:139 Resp: 1263496

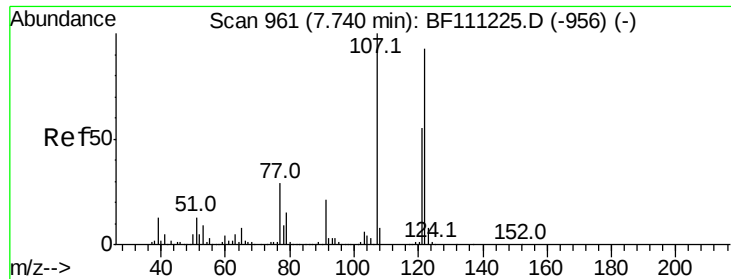
Ion Ratio Lower Upper

139 100

109 25.3 20.2 30.4

65 47.6 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 55.293 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.01 min

Lab File: BF111227.D

Acq: 8 Dec 2018 13:57

Instrument :

BNA_F

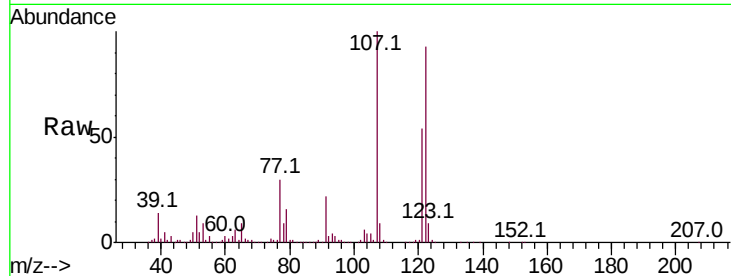
ClientSampleId :

SSTDIC060

Tot Ion	Ratio	Lower	Upper
122	100		
107	107.8	85.5	128.3
121	57.9	46.6	70.0

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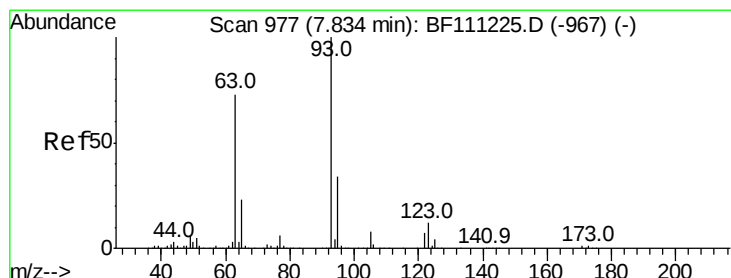
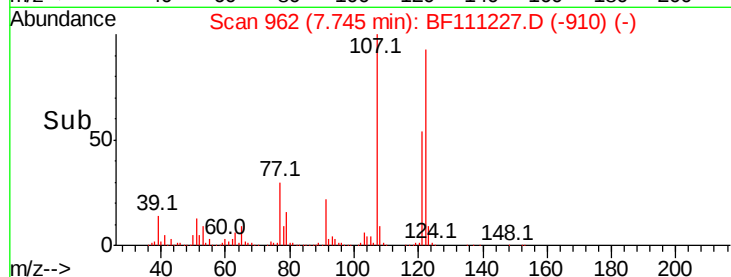
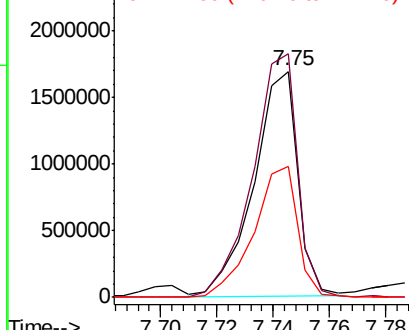


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 56.506 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.01 min

Lab File: BF111227.D

Acq: 8 Dec 2018 13:57

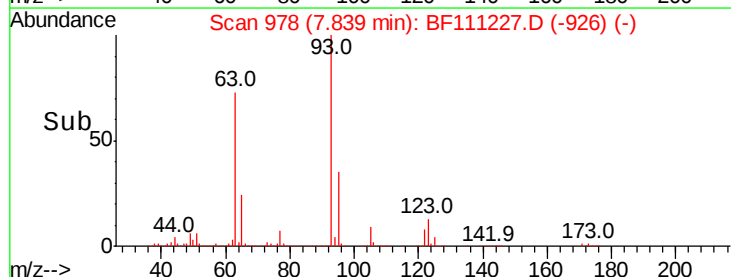
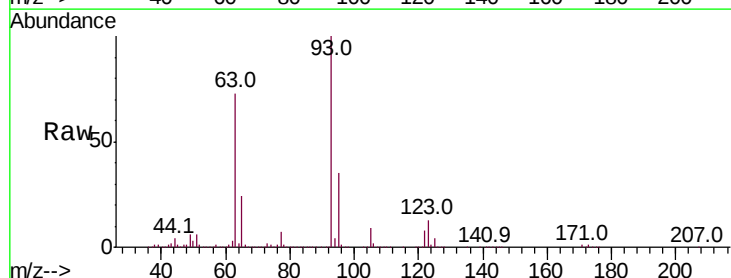
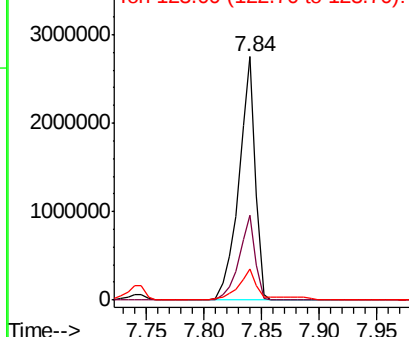
Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.0	27.1	40.7
123	12.7	9.9	14.9

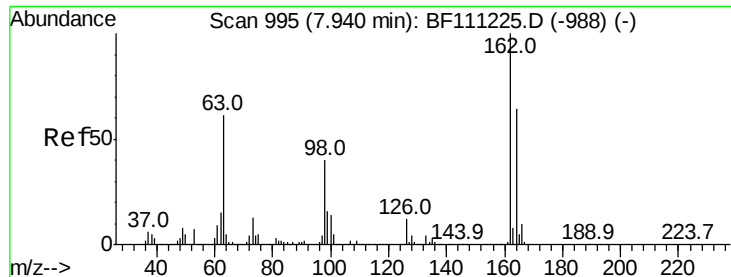
Abundance

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: 57.560 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF111227.D

Acq: 8 Dec 2018 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:162 Resp: 1867571

Ion Ratio Lower Upper

162 100

164 66.0 44.4 84.4

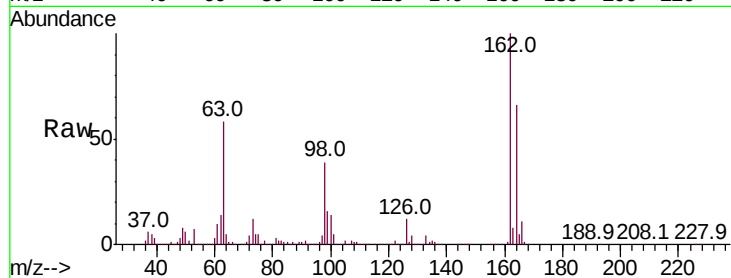
98 39.1 20.3 60.3

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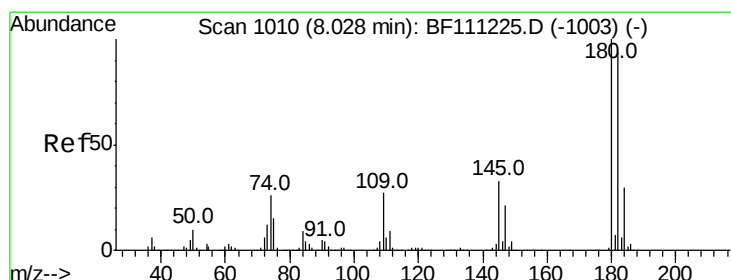
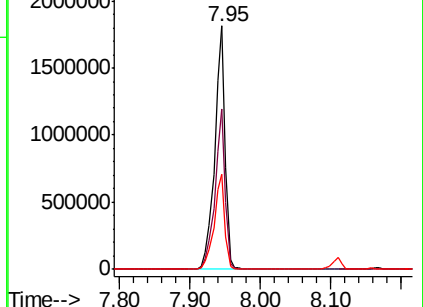
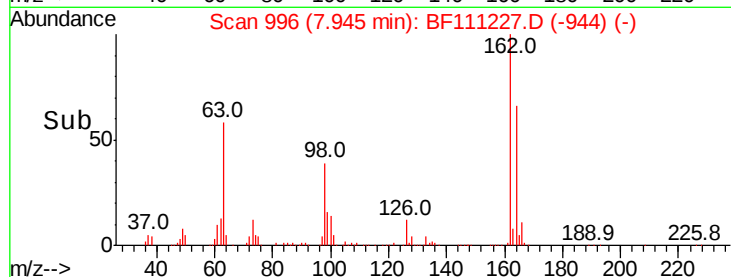
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Abundance Ion 162.00 (161.70 to 162.70): E

2500000 Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 56.039 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF111227.D

Acq: 8 Dec 2018 13:57

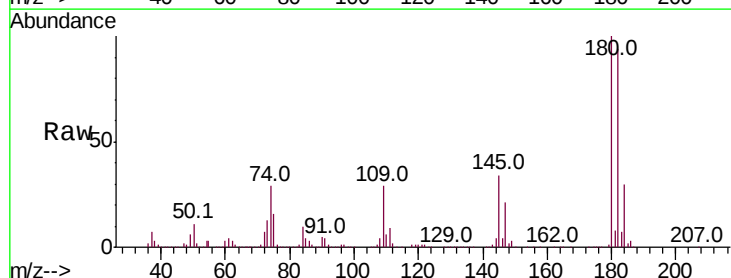
Tgt Ion:180 Resp: 1837127

Ion Ratio Lower Upper

180 100

182 94.2 75.6 113.4

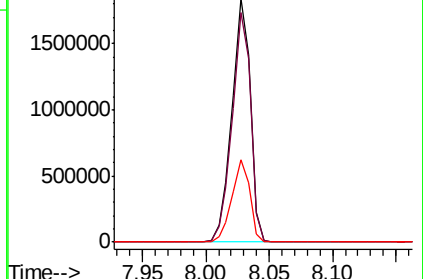
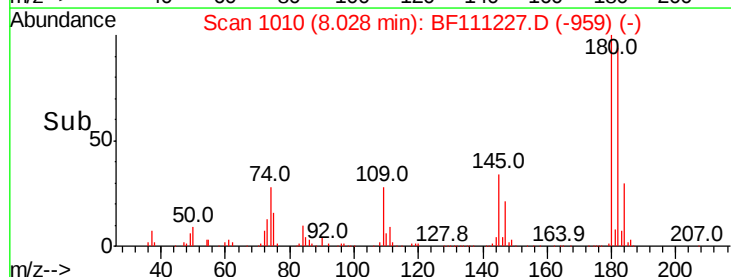
145 34.0 26.7 40.1

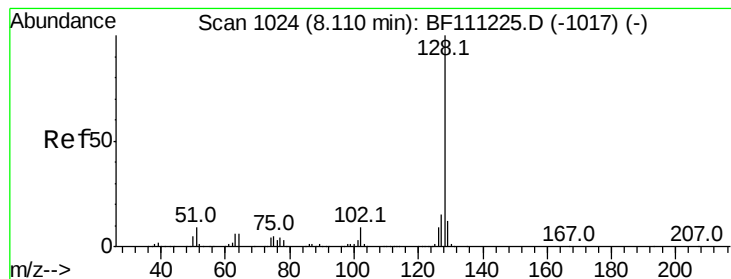


Abundance Ion 180.00 (179.70 to 180.70): E

2500000 Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 53.771 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF111227.D

Acq: 8 Dec 2018 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:128 Resp: 5341560

Ion Ratio Lower Upper

128 100

129 14.5 9.8 14.8

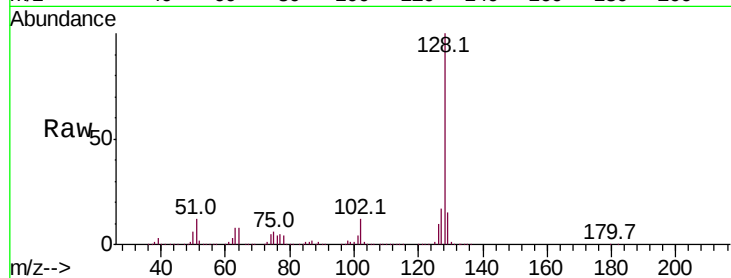
127 17.3 12.0 18.0

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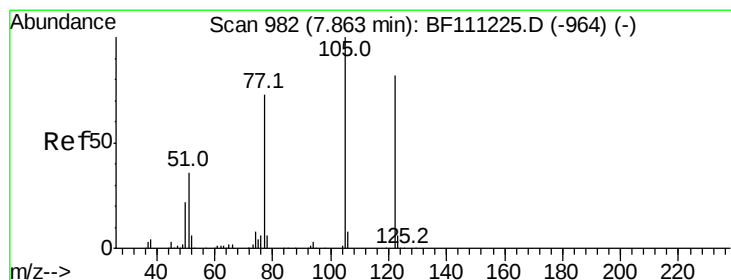
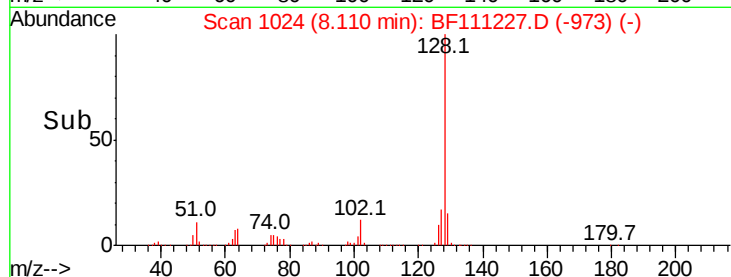
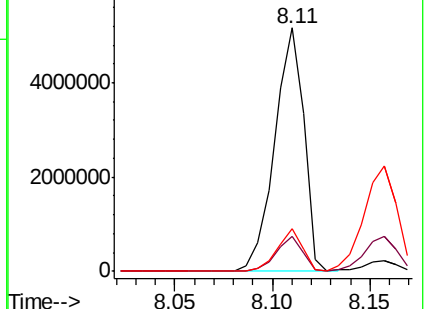
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 70.795 ng m

RT: 7.89 min Scan# 986

Delta R.T. 0.02 min

Lab File: BF111227.D

Acq: 8 Dec 2018 13:57

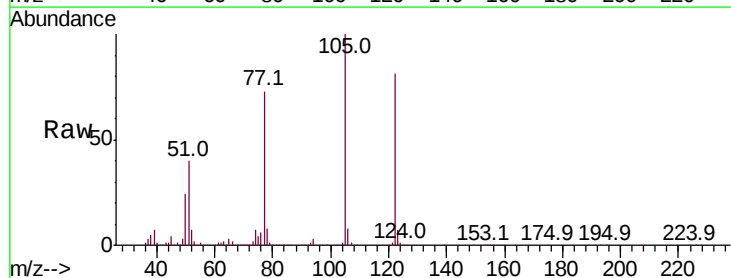
Tgt Ion:122 Resp: 1595830

Ion Ratio Lower Upper

122 100

105 122.9 97.0 137.0

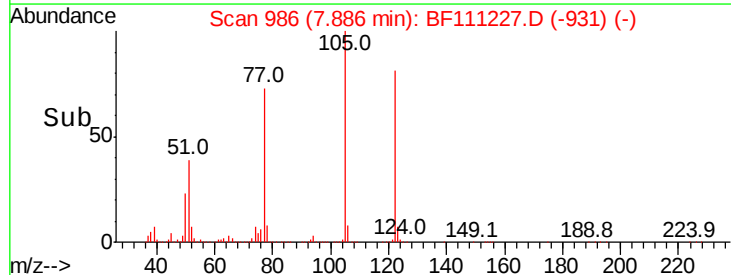
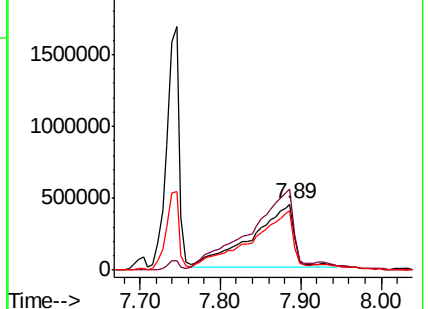
77 90.0 65.7 105.7

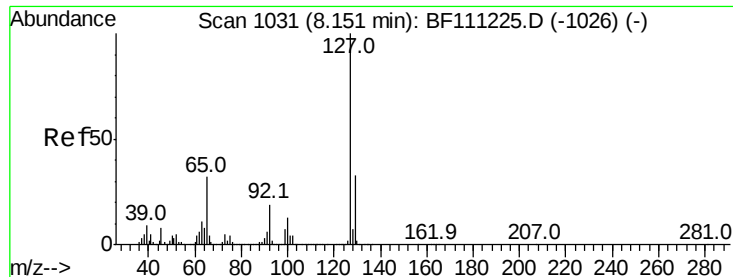


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





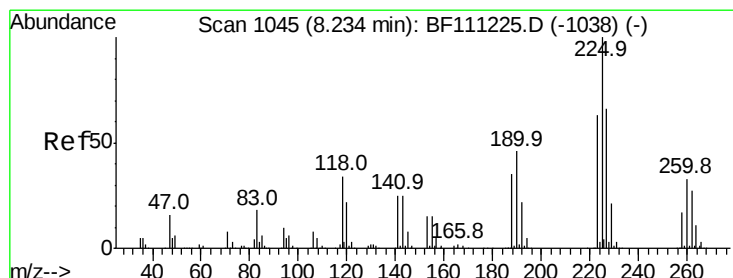
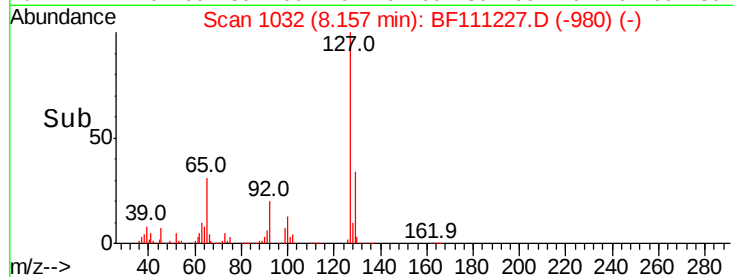
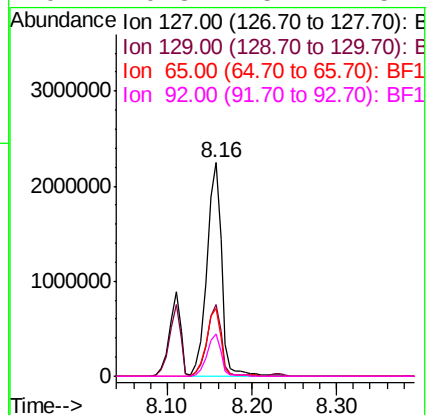
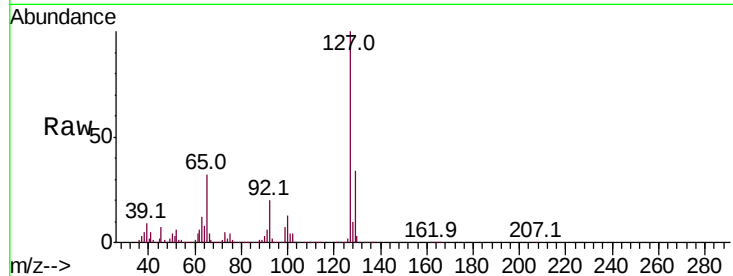
#33
4-Chloroaniline
Concen: 57.086 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.6	39.8
65	31.8	25.7	38.5
92	19.8	15.4	23.2

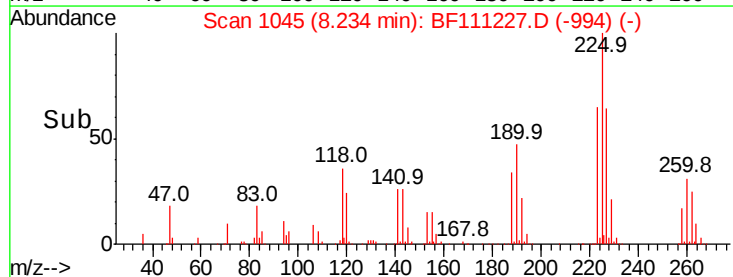
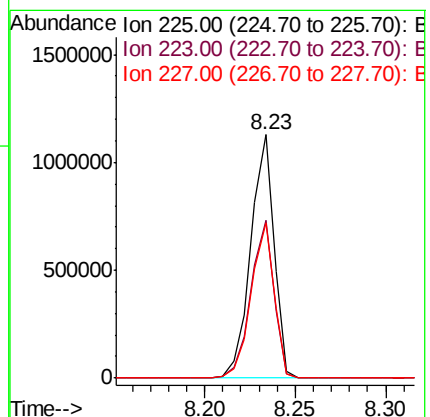
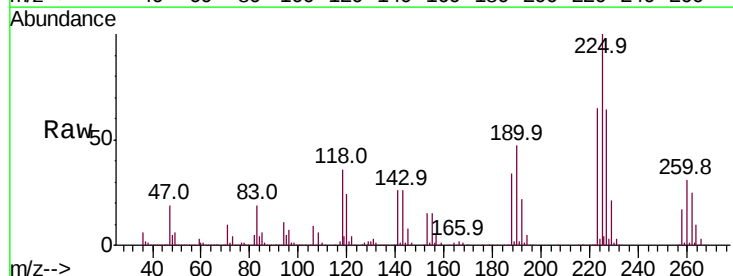
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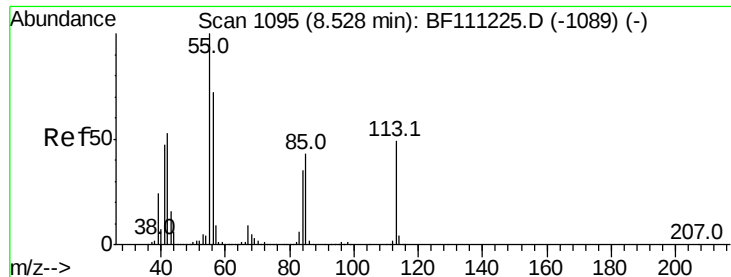
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#34
Hexachlorobutadiene
Concen: 56.614 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.7	76.1
227	63.7	52.6	78.8





#35

Caprolactam

Concen: 58.670 ng

RT: 8.55 min Scan# 1098

Delta R.T. 0.02 min

Lab File: BF111227.D

Acq: 8 Dec 2018 13:57

Instrument :

BNA_F

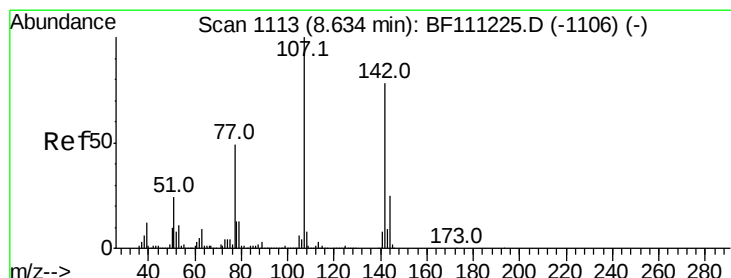
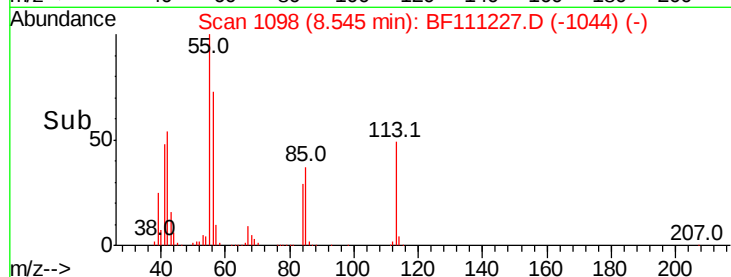
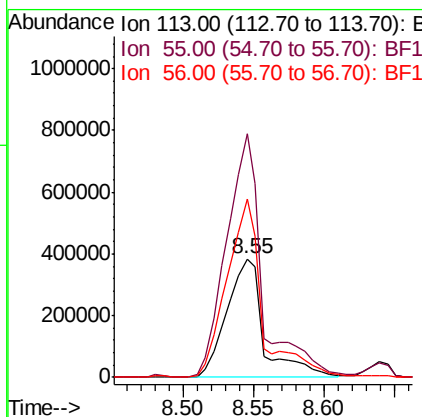
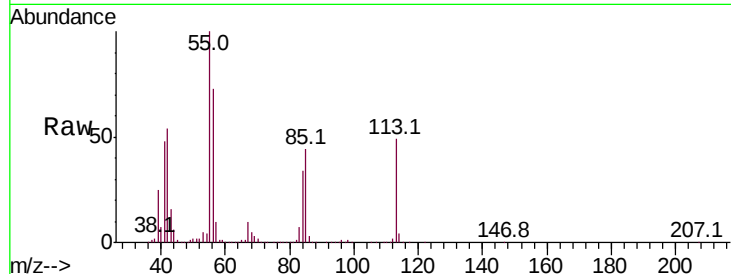
ClientSampleId :

SSTDICC060

Tot Ion:	113	Resp:	700203
Ion Ratio	Lower	Upper	
113	100		
55	205.3	184.1	224.1
56	150.2	126.0	166.0

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#36

4-Chloro-3-methylphenol

Concen: 56.122 ng

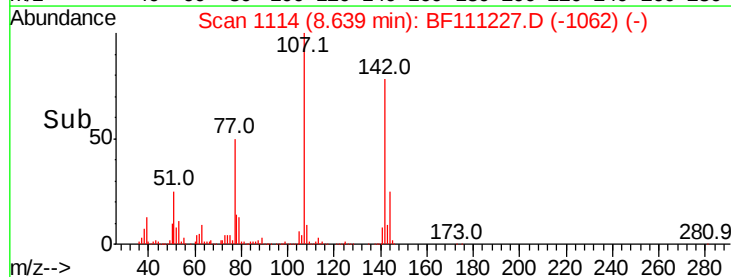
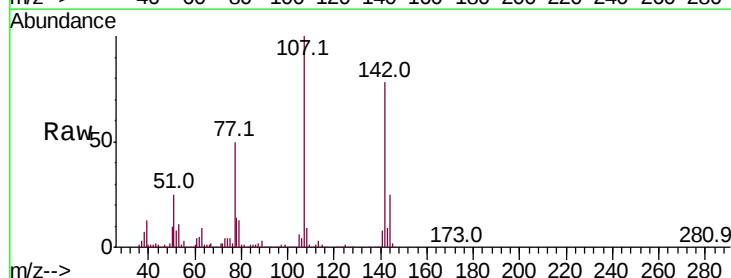
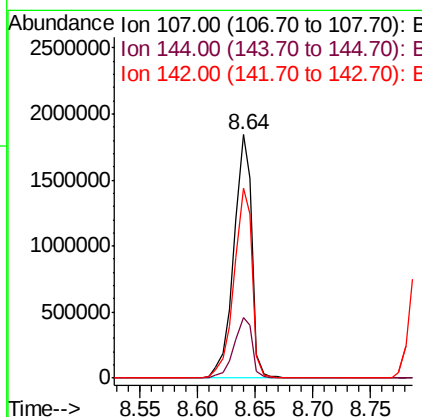
RT: 8.64 min Scan# 1114

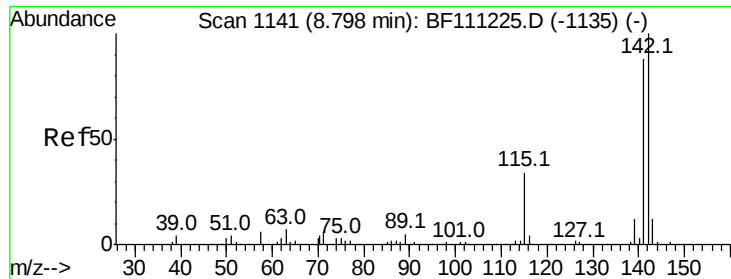
Delta R.T. 0.01 min

Lab File: BF111227.D

Acq: 8 Dec 2018 13:57

Tgt Ion:	107	Resp:	1983764
Ion Ratio	Lower	Upper	
107	100		
144	24.7	19.8	29.6
142	78.2	62.3	93.5





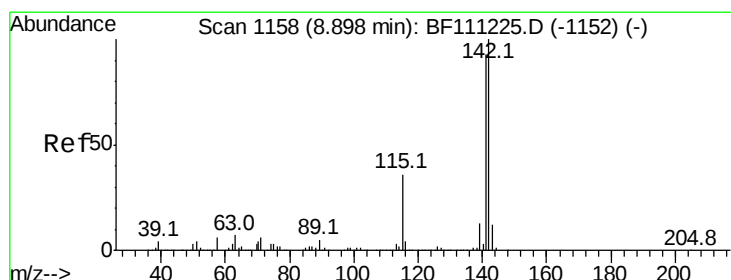
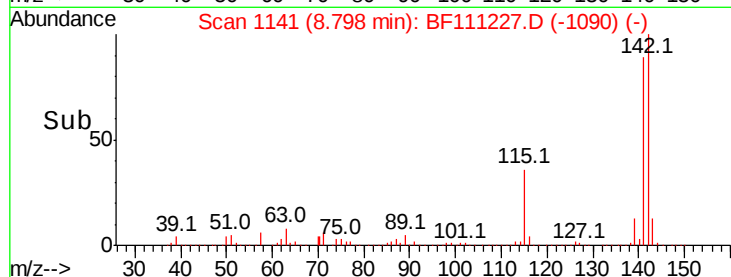
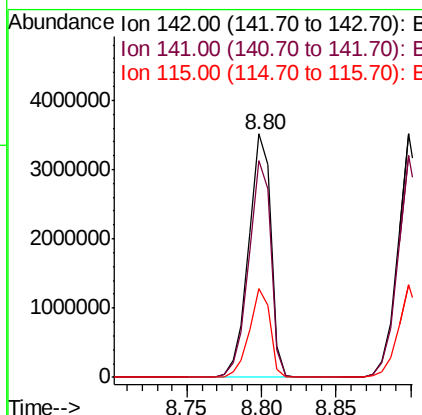
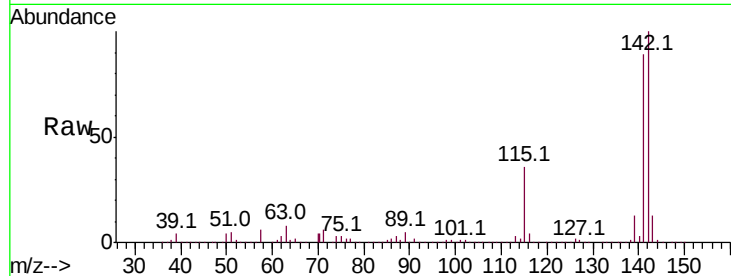
#37
2-Methylnaphthalene
Concen: 52.704 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion:142 Resp: 3593342
Ion Ratio Lower Upper
142 100
141 89.3 70.6 105.8
115 36.5 27.0 40.6

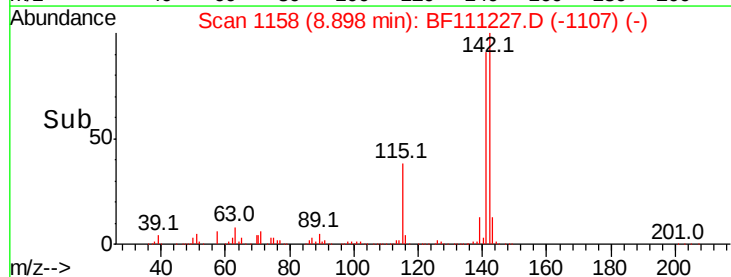
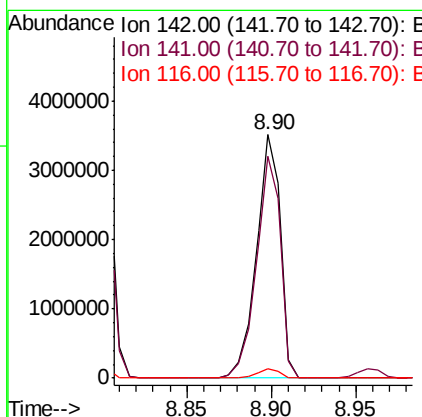
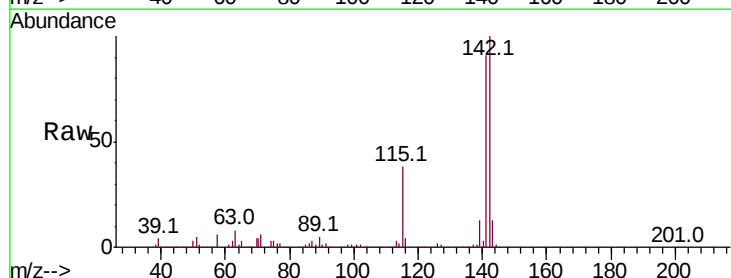
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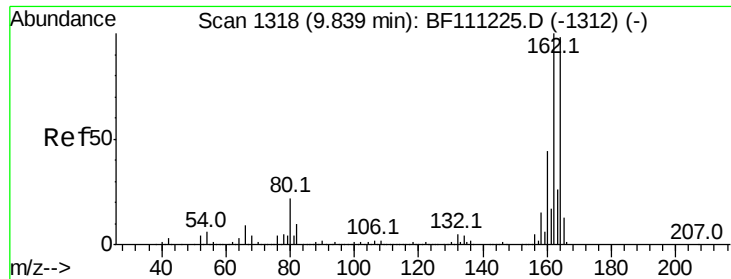
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#38
1-Methylnaphthalene
Concen: 52.728 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Tgt Ion:142 Resp: 3460935
Ion Ratio Lower Upper
142 100
141 91.4 74.2 111.4
116 4.1 2.9 4.3





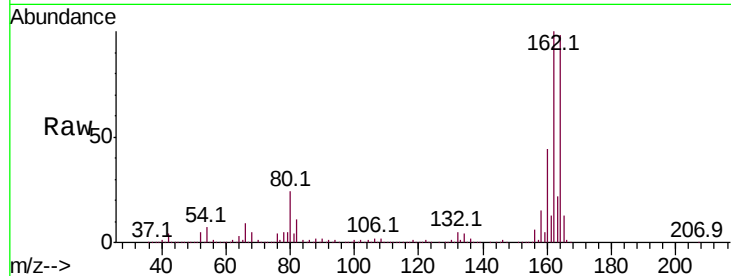
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

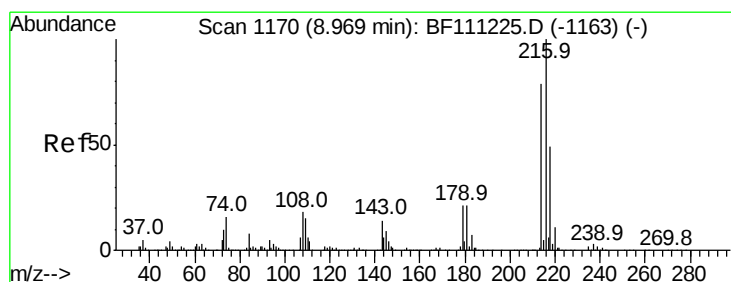
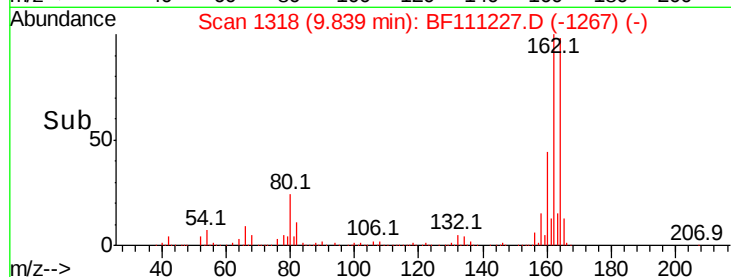
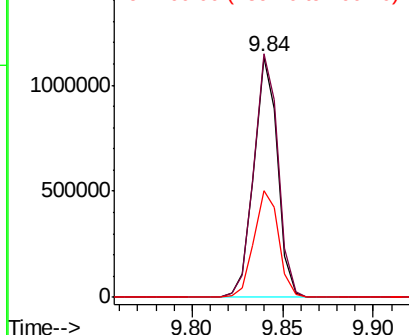
Tot Ion:164 Resp: 1026435
Ion Ratio Lower Upper
164 100
162 101.5 81.4 122.0
160 44.7 35.7 53.5

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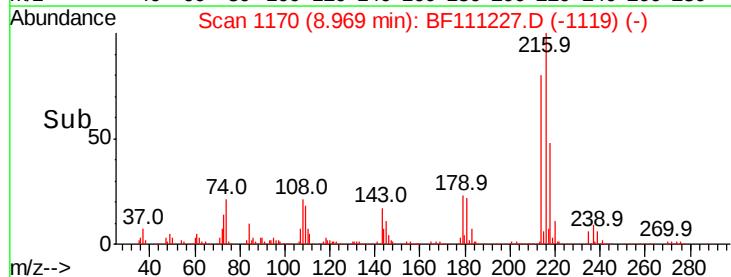
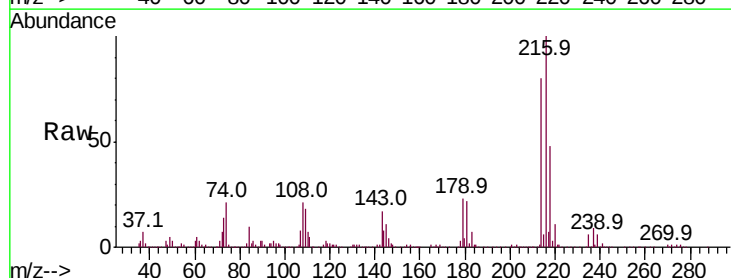
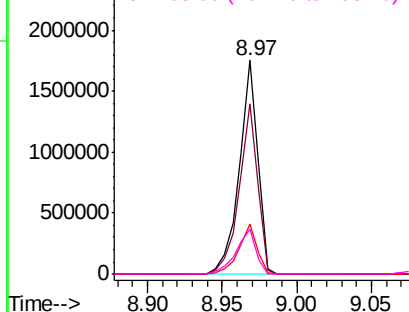
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

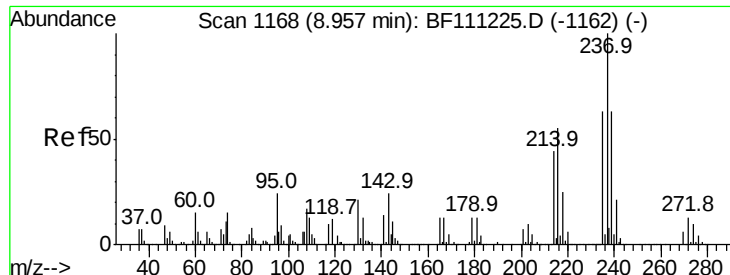


#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.061 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Tgt Ion:216 Resp: 1508284
Ion Ratio Lower Upper
216 100
214 80.1 63.8 95.8
179 22.8 17.9 26.9
108 22.8 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





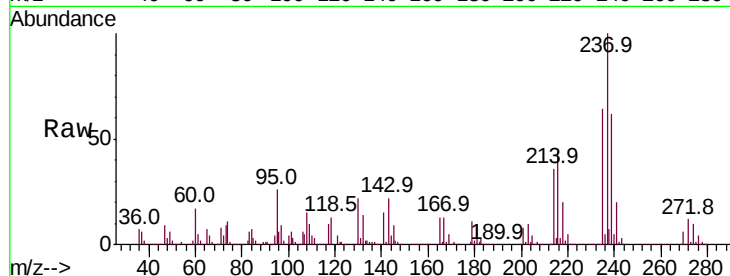
#41
Hexachlorocyclopentadiene
Concen: 63.113 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

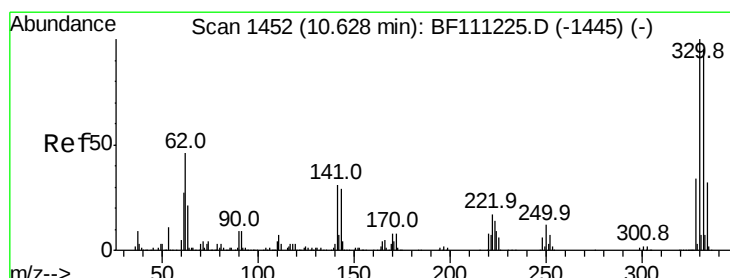
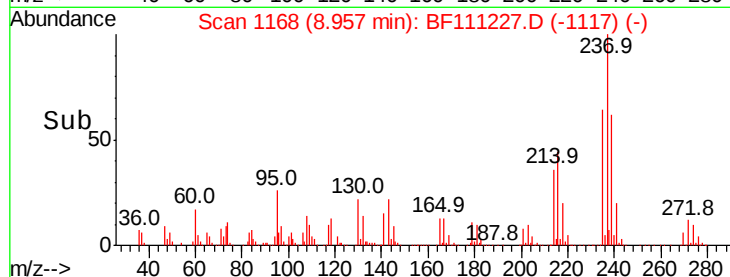
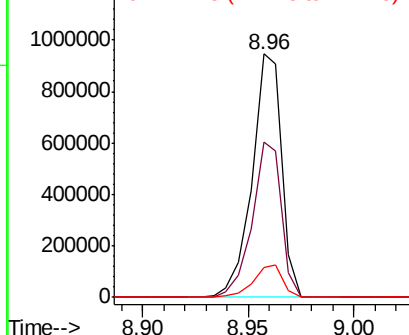
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.7	43.1	83.1	
272	12.0	0.0	33.0	

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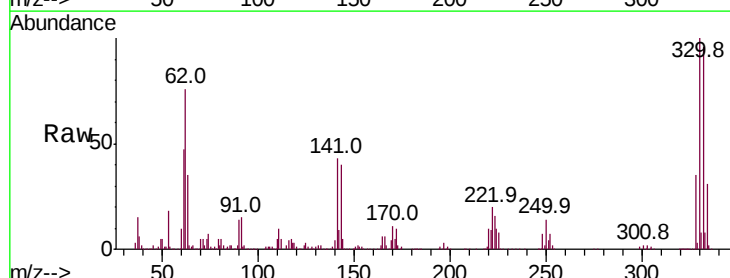


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

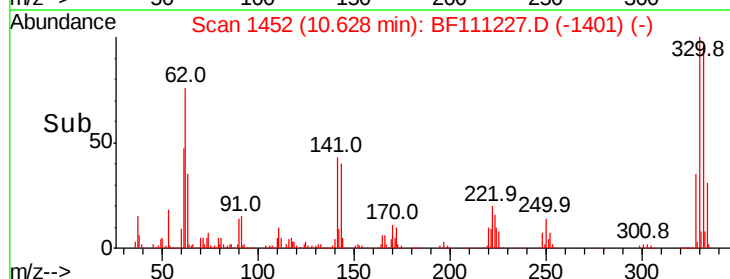
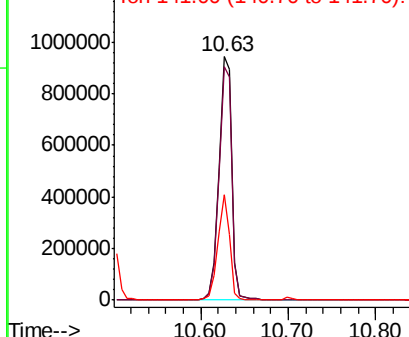


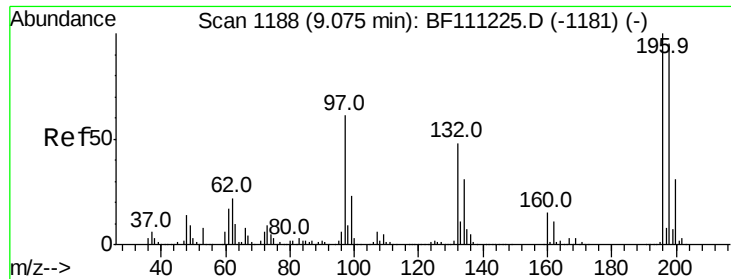
#42
2,4,6-Tribromophenol
Concen: 117.377 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	76.0	114.0	
141	39.8	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: 59.703 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF111227.D
 Acq: 8 Dec 2018 13:57

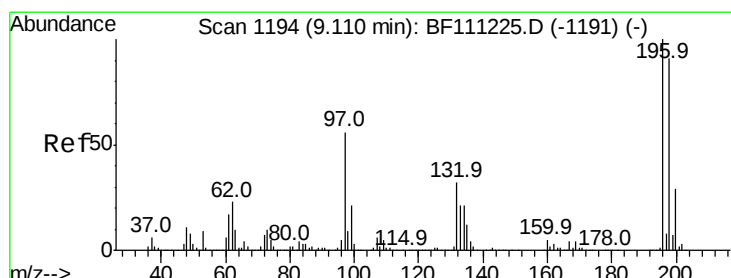
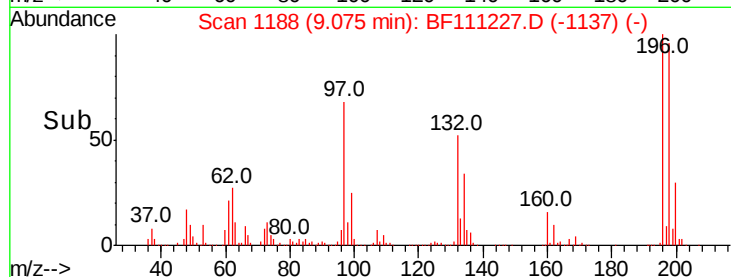
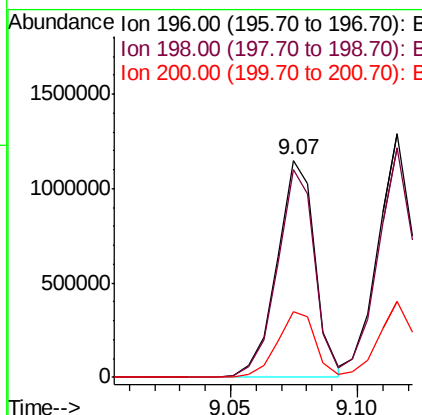
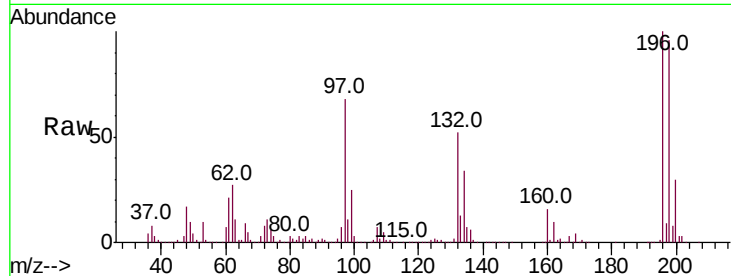
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:196 Resp: 1199844

Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.3	114.5
200	30.5	24.9	37.3

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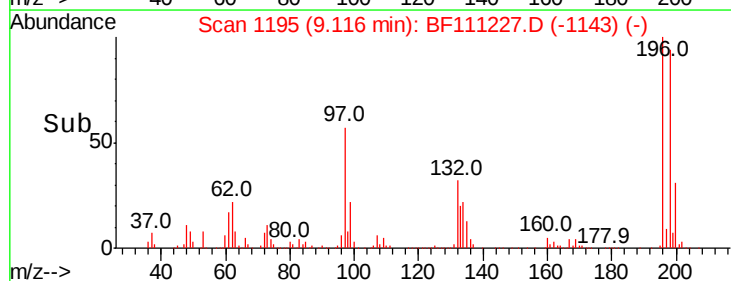
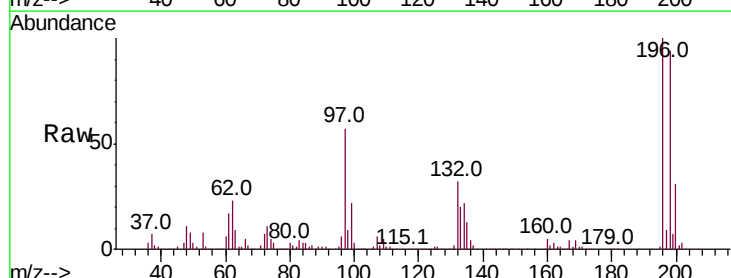
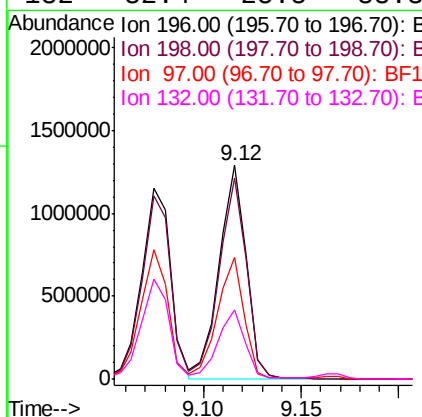
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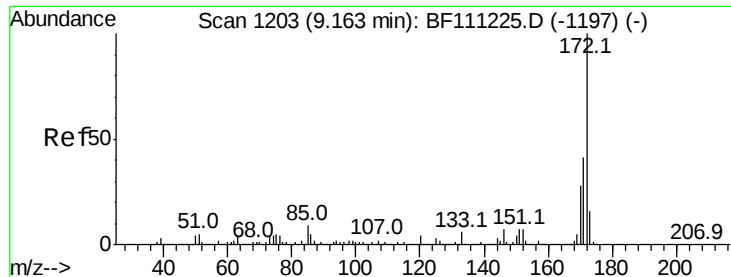


#44
 2,4,5-Trichlorophenol
 Concen: 60.585 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF111227.D
 Acq: 8 Dec 2018 13:57

Tgt Ion:196 Resp: 1237400

Ion	Ratio	Lower	Upper
196	100		
198	94.3	72.9	109.3
97	56.7	45.3	67.9
132	32.4	25.5	38.3





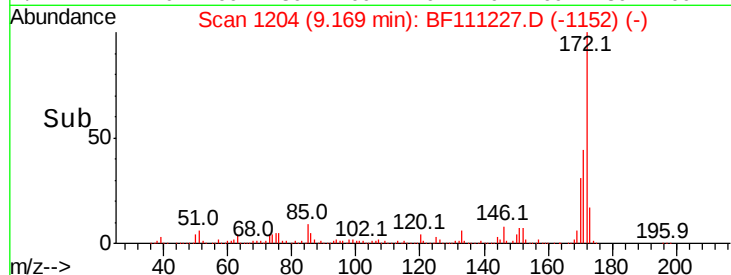
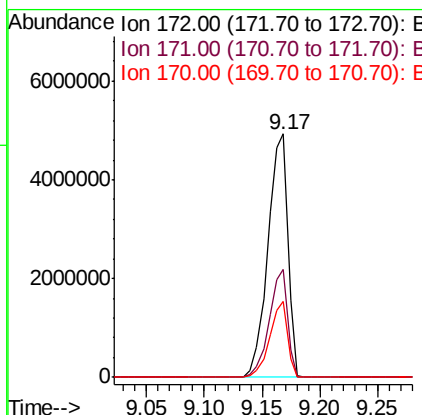
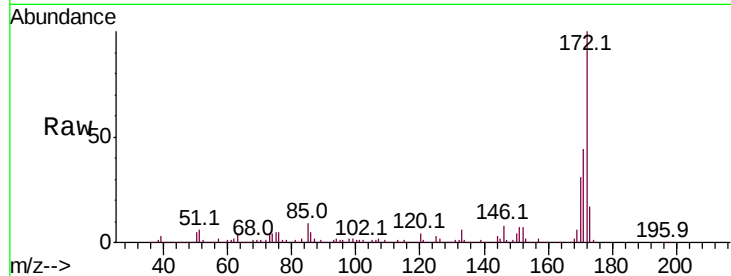
#45
2-Fluorobiphenyl
Concen: 97.922 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion:172 Resp: 5977214
Ion Ratio Lower Upper
172 100
171 44.2 33.0 49.4
170 31.0 22.3 33.5

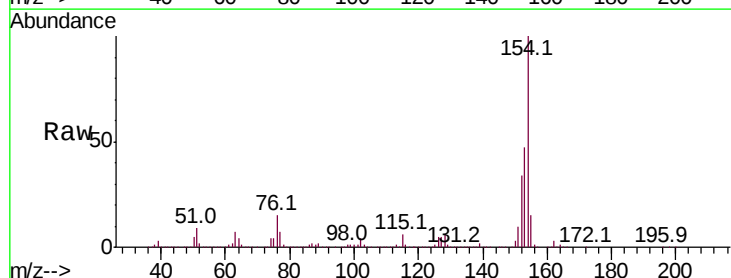
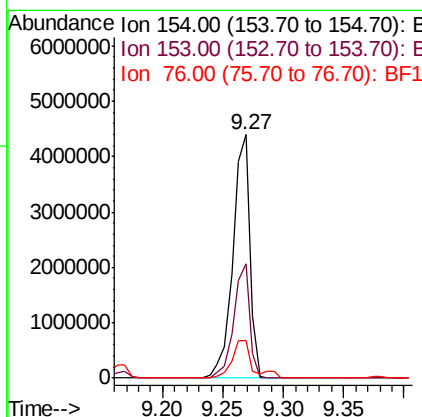
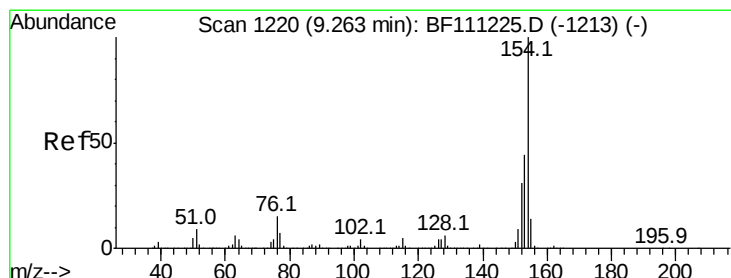
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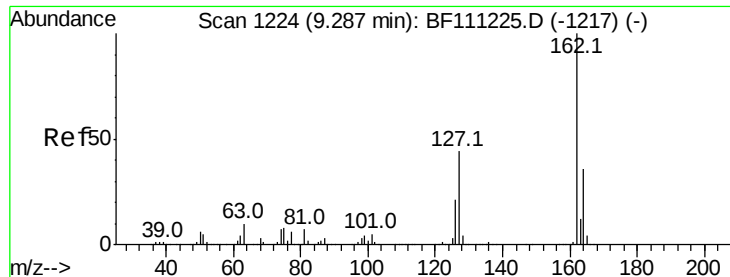
Sohil
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#46
1,1'-Biphenyl
Concen: 51.367 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.01 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Tgt Ion:154 Resp: 4307526
Ion Ratio Lower Upper
154 100
153 46.9 23.7 63.7
76 15.4 0.0 35.0





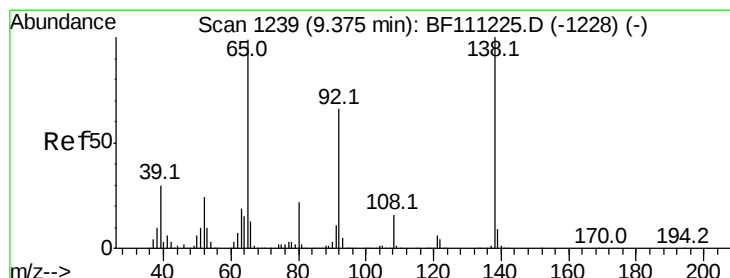
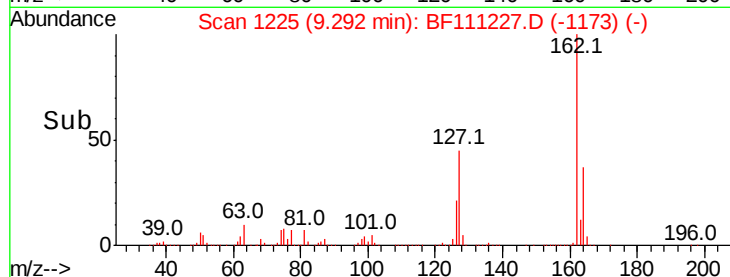
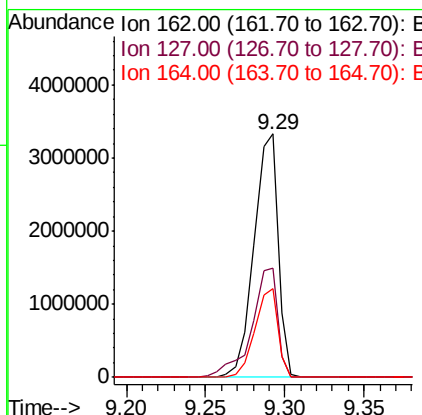
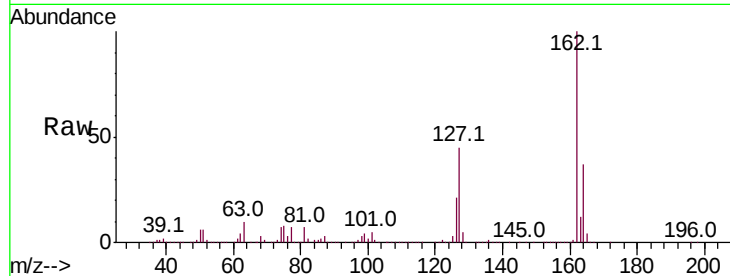
#47
2-Chloronaphthalene
Concen: 54.400 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
162	100		
127	44.6	35.0	52.4
164	36.5	28.4	42.6

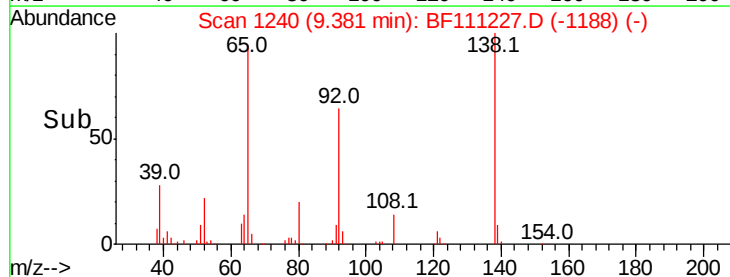
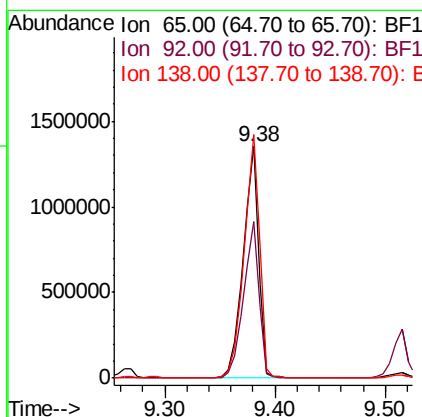
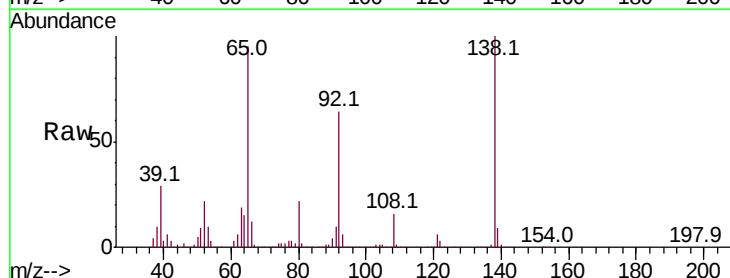
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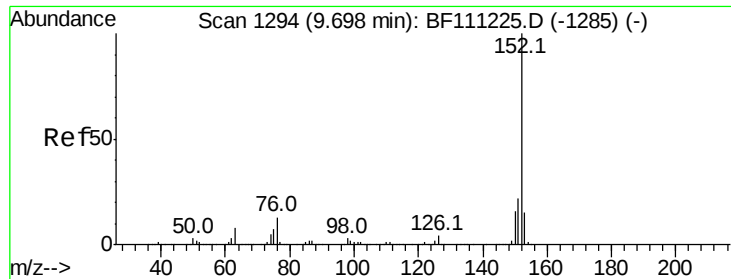
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#48
2-Nitroaniline
Concen: 62.867 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.01 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.7	53.5	80.3
138	105.1	80.9	121.3





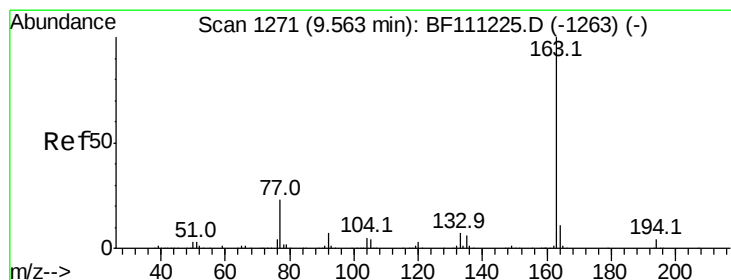
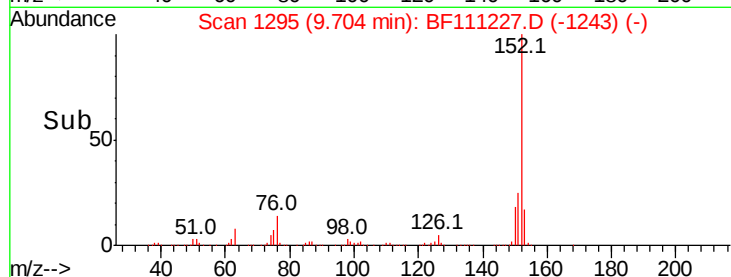
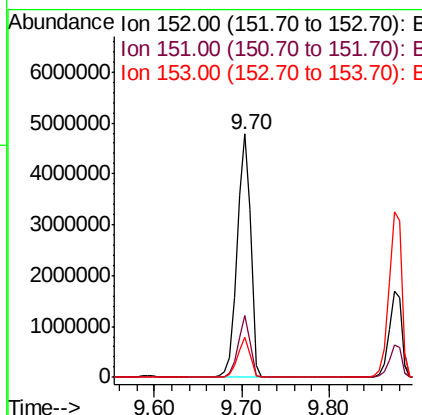
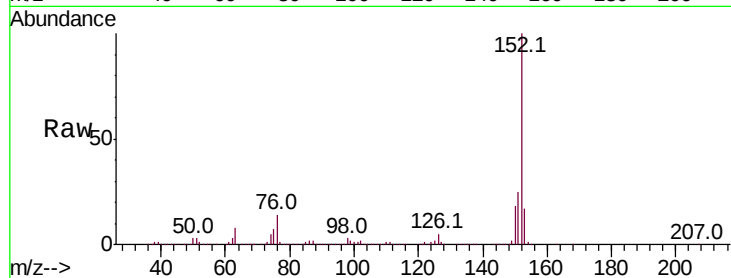
#49
Acenaphthylene
Concen: 54.228 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion:152 Resp: 4947438
Ion Ratio Lower Upper
152 100
151 25.4 18.0 27.0
153 16.6 12.3 18.5

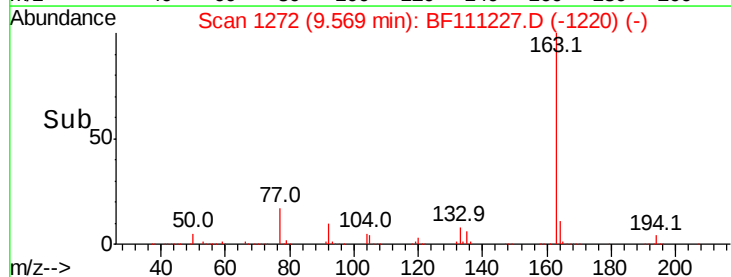
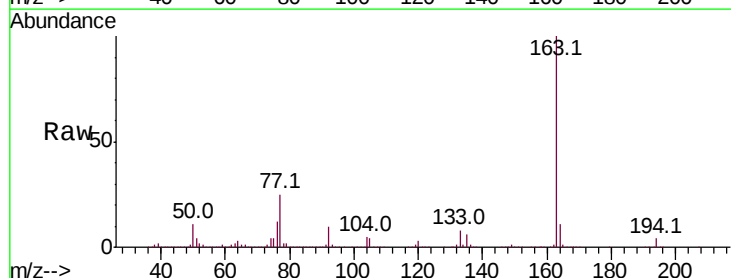
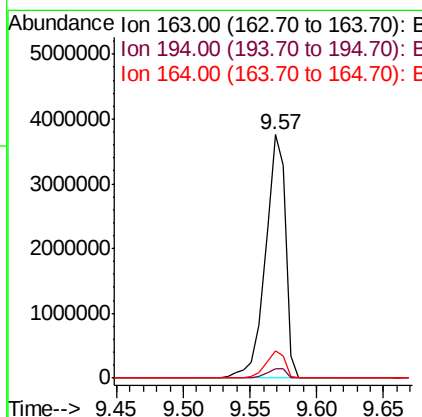
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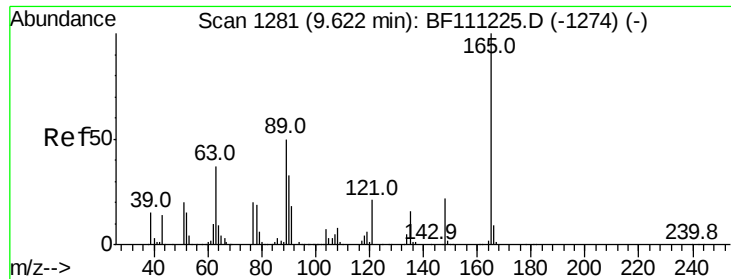
Sohil
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#50
Dimethylphthalate
Concen: 54.626 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Tgt Ion:163 Resp: 3895855
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 11.4 8.9 13.3





#51

2,6-Dinitrotoluene

Concen: 64.288 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.01 min

Lab File: BF111227.D

Acq: 8 Dec 2018 13:57

Instrument :

BNA_F

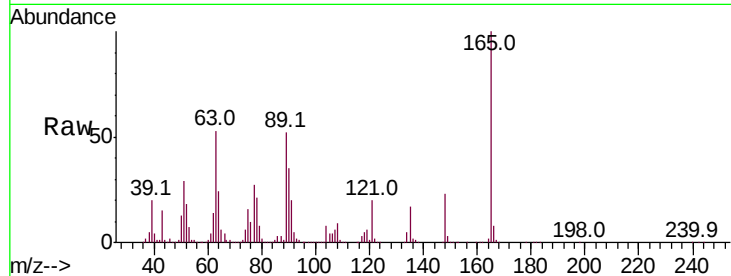
ClientSampleId :

SSTDIC060

Tot Ion:	165	Resp:	979933
Ion Ratio	Lower	Upper	
165	100		
63	53.4	40.5	60.7
89	51.7	40.0	60.0

Manual Integrations
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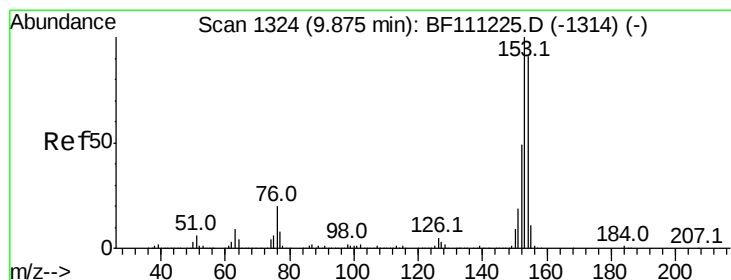
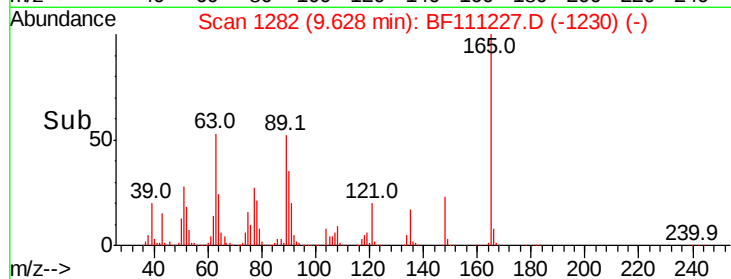
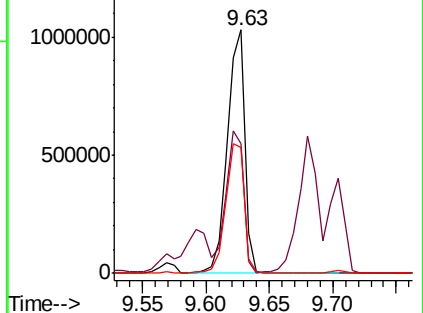
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 54.707 ng

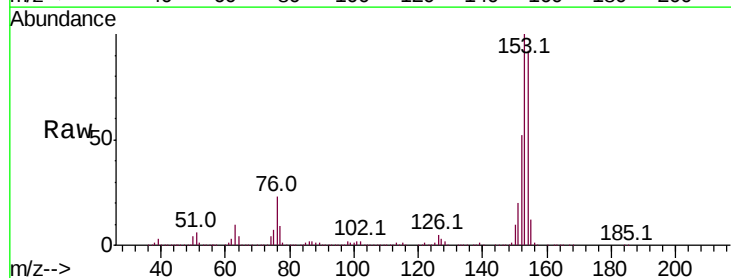
RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF111227.D

Acq: 8 Dec 2018 13:57

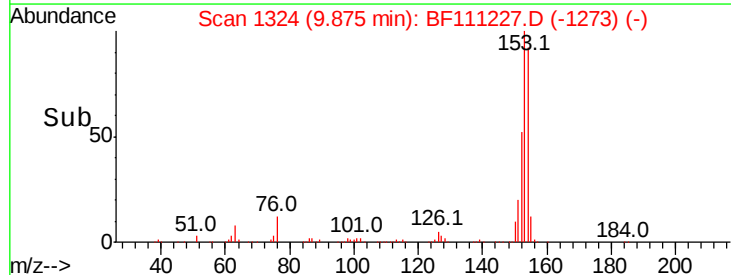
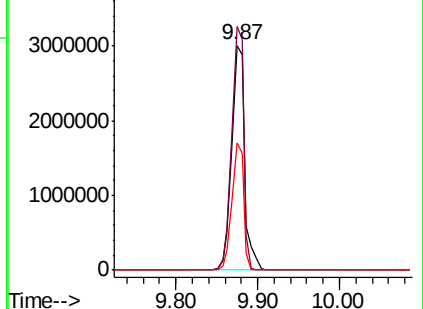
Tgt Ion:	154	Resp:	3305777
Ion Ratio	Lower	Upper	
154	100		
153	108.4	87.8	131.8
152	56.4	43.4	65.2

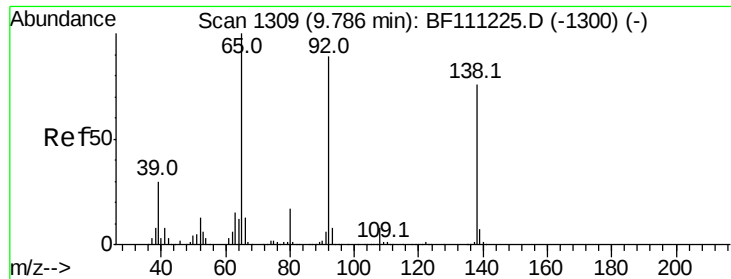


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





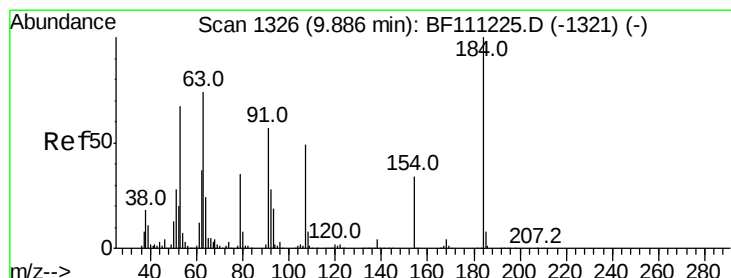
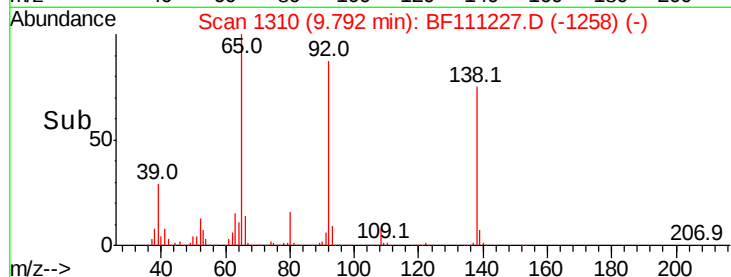
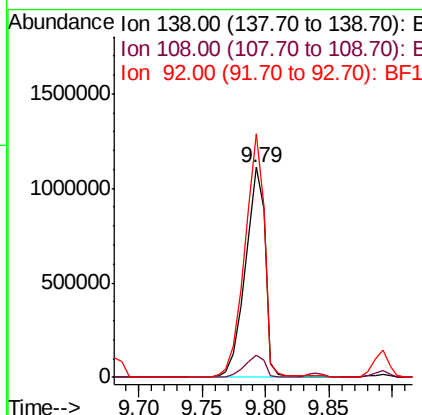
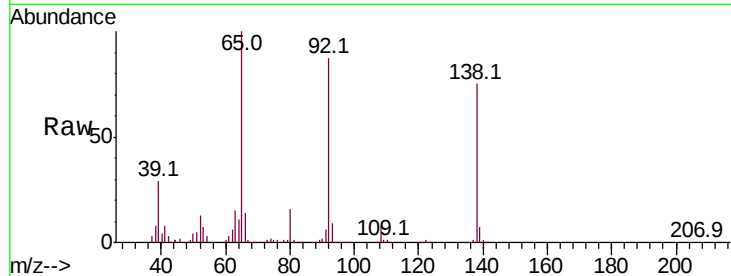
#53
3-Nitroaniline
Concen: 63.229 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:138 Resp: 1210840
Ion Ratio Lower Upper
138 100
108 10.5 8.2 12.4
92 115.9 93.4 140.2

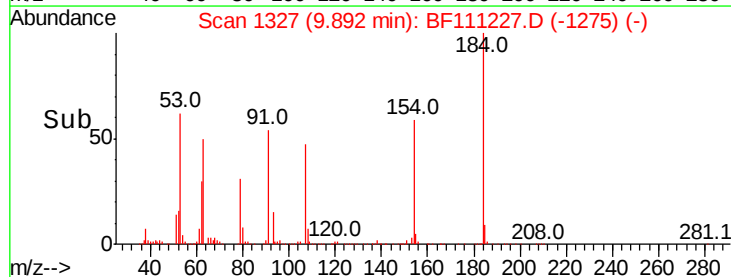
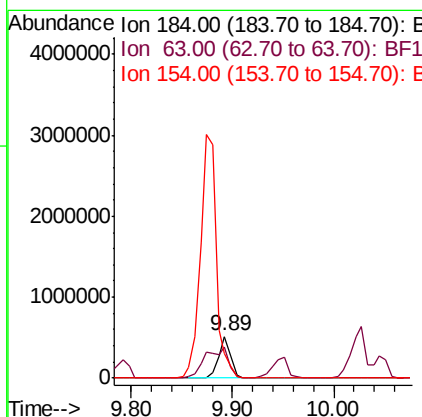
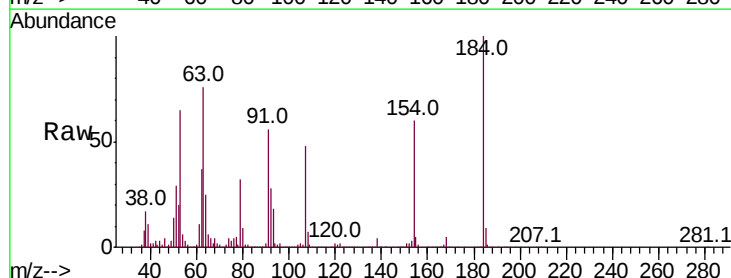
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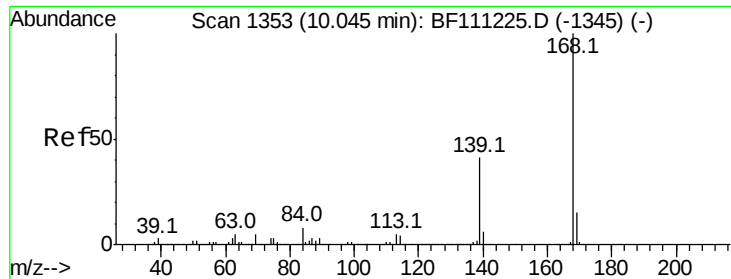
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#54
2,4-Dinitrophenol
Concen: 94.539 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Tgt Ion:184 Resp: 427649
Ion Ratio Lower Upper
184 100
63 75.8 62.3 93.5
154 59.6 56.2 84.2





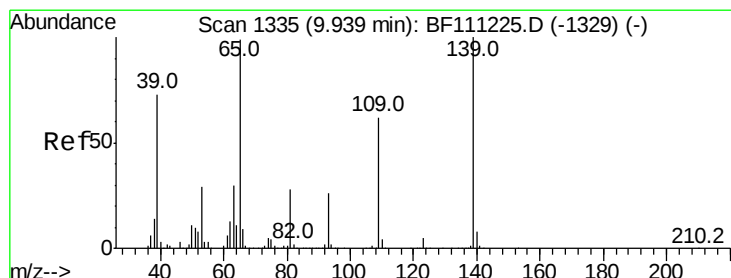
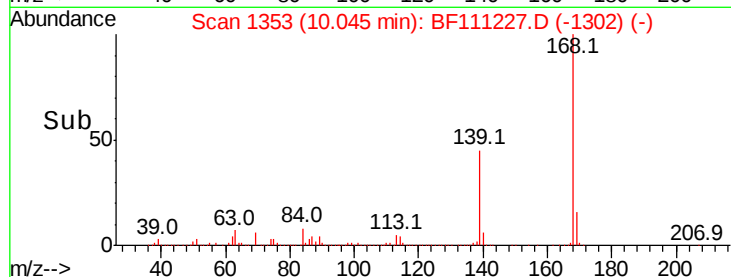
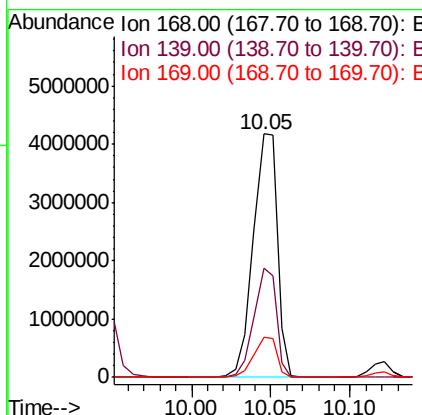
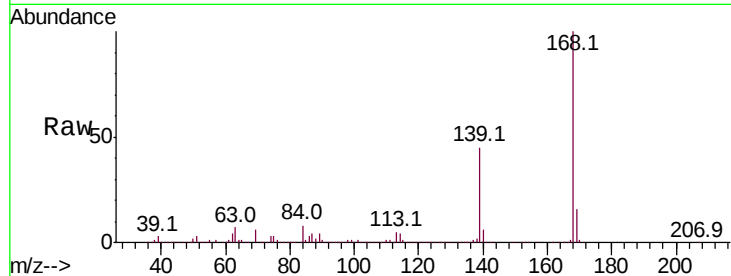
#55
Dibenzenofuran
Concen: 53.863 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:168 Resp: 4470185
Ion Ratio Lower Upper
168 100
139 44.7 32.6 49.0
169 16.2 11.8 17.6

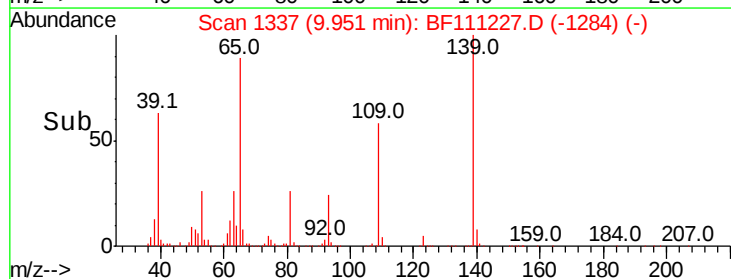
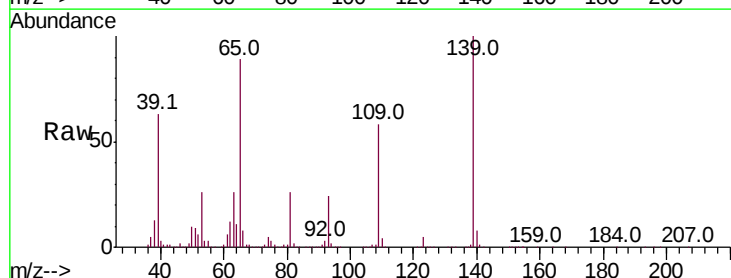
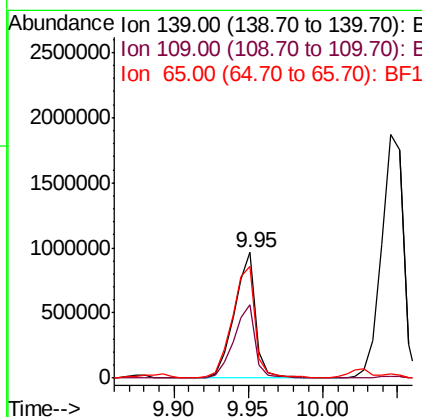
Manual Integrations
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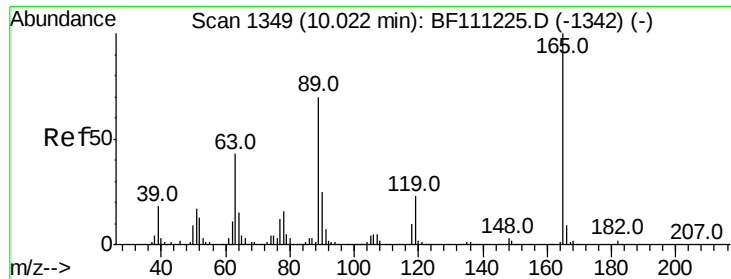
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#56
4-Nitrophenol
Concen: 66.598 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Tgt Ion:139 Resp: 966456
Ion Ratio Lower Upper
139 100
109 58.1 41.8 81.8
65 89.4 79.6 119.6





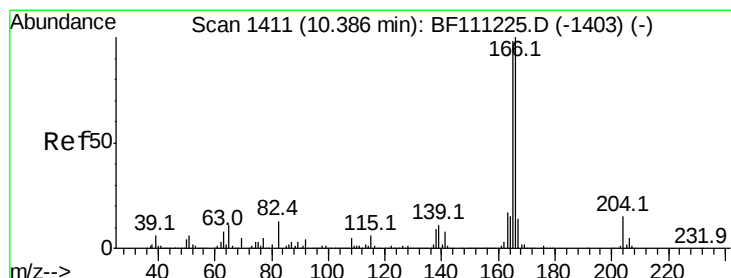
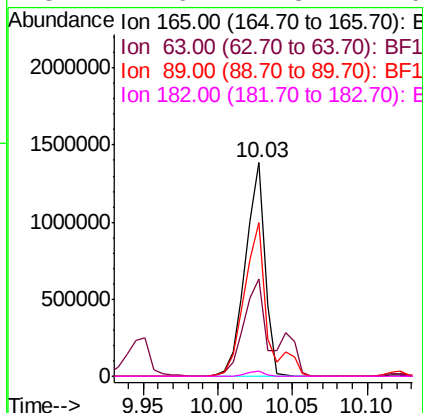
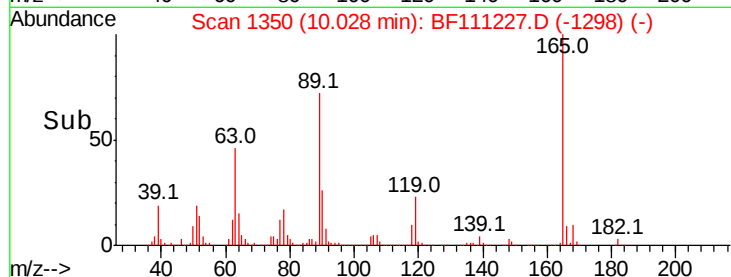
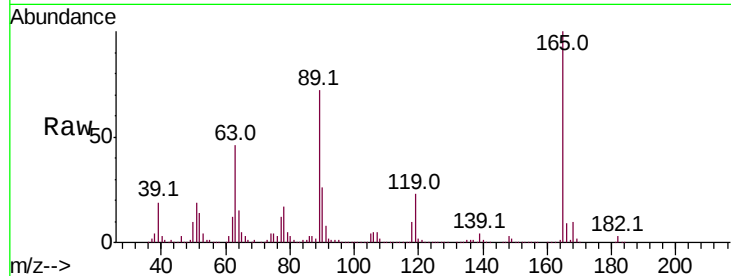
#57
2,4-Dinitrotoluene
Concen: 63.669 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.7	34.6	52.0
89	72.0	56.2	84.4
182	2.6	1.8	2.6

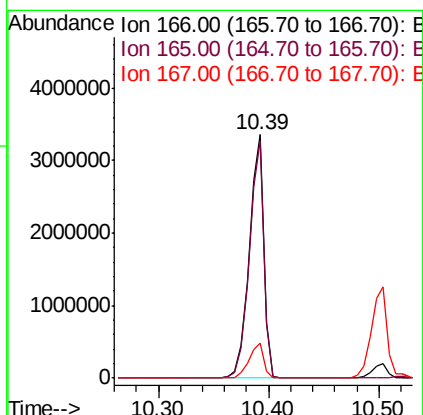
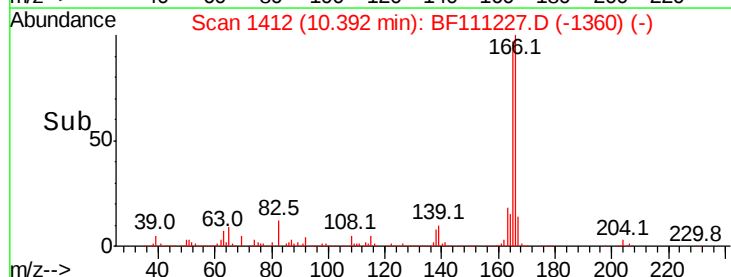
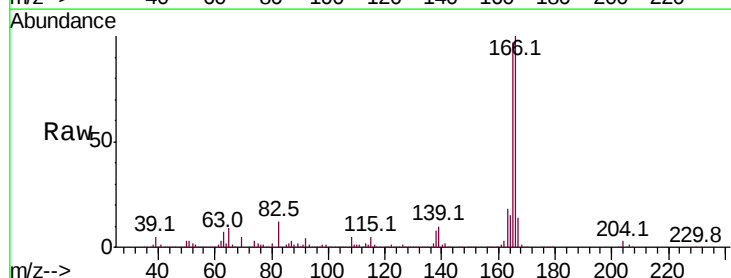
Manual Integrations
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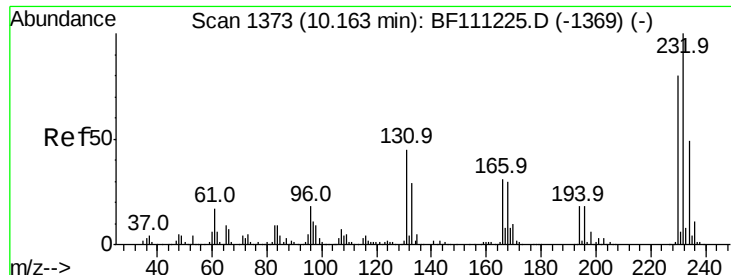
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#58
Fluorene
Concen: 53.087 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.4	117.6
167	14.4	11.2	16.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 61.614 ng

RT: 10.16 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BF111227.D

Acq: 8 Dec 2018 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:232 Resp: 941332
Ion Ratio Lower Upper

232 100

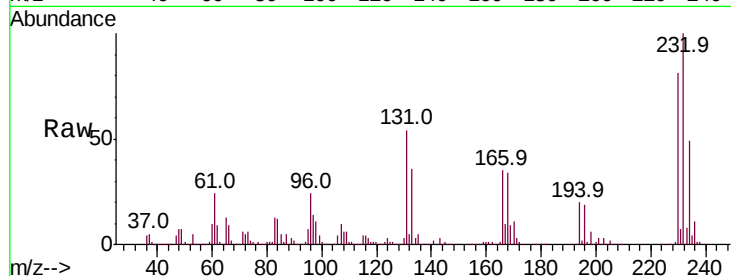
131 51.8 40.9 61.3

130 2.6 2.0 3.0

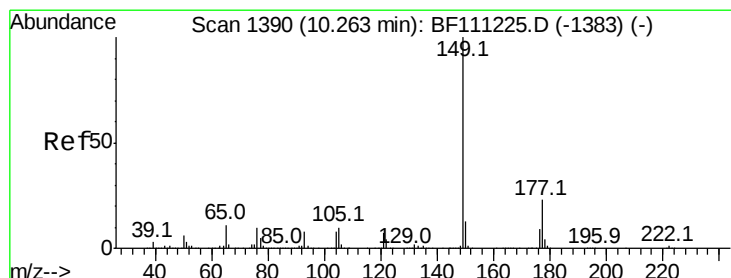
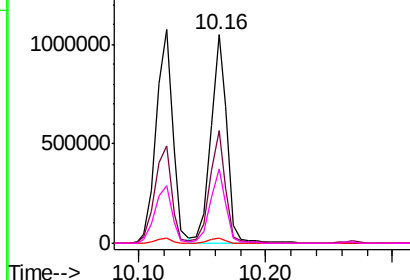
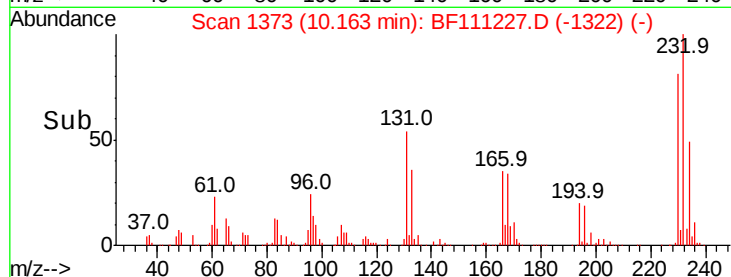
166 34.4 26.8 40.2

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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: 54.130 ng

RT: 10.27 min Scan# 1391

Delta R.T. 0.01 min

Lab File: BF111227.D

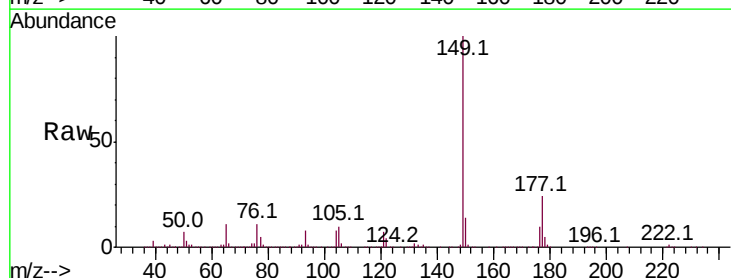
Acq: 8 Dec 2018 13:57

Tgt Ion:149 Resp: 3864300
Ion Ratio Lower Upper

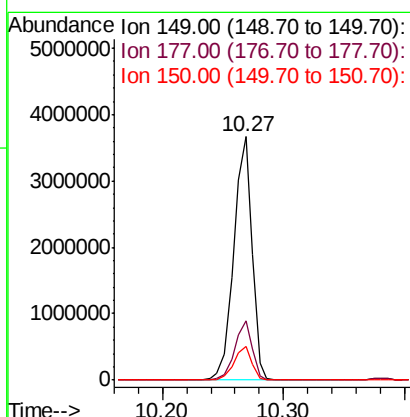
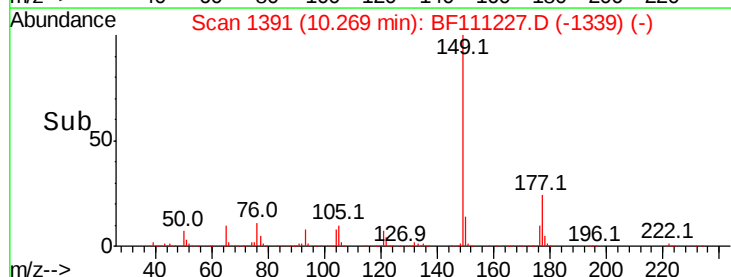
149 100

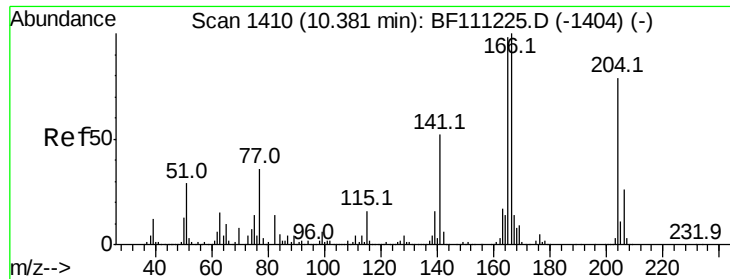
177 24.4 18.3 27.5

150 14.0 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





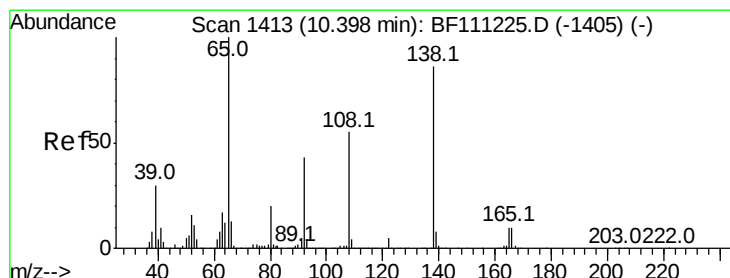
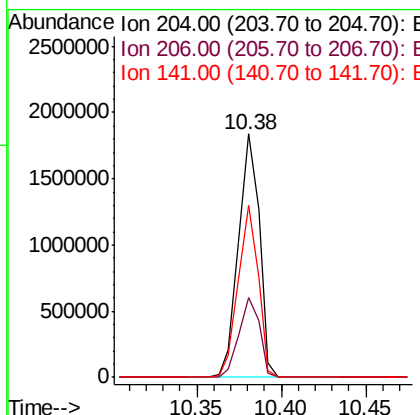
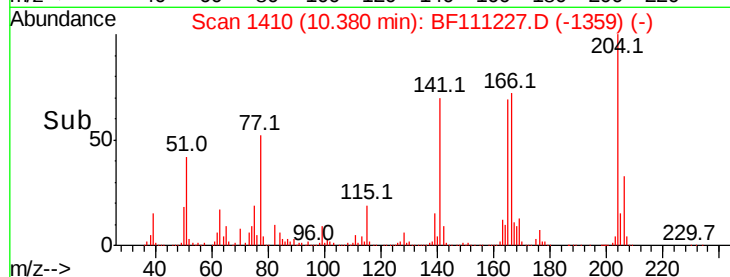
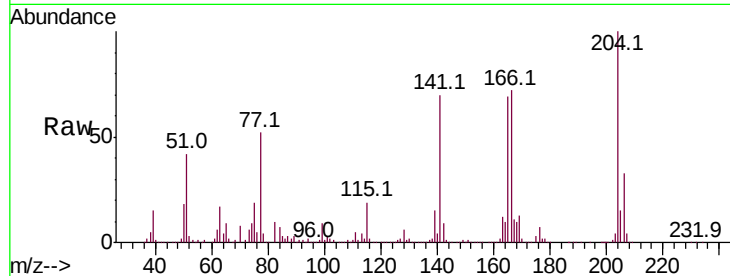
#61
4-Chlorophenyl-phenylether
Concen: 54.889 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Instrument :
BNA_F
ClientSampled :
SSTDIC060

Tot Ion:204 Resp: 1579540
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 70.5 52.6 78.8

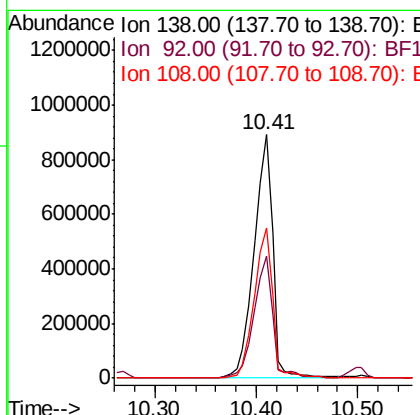
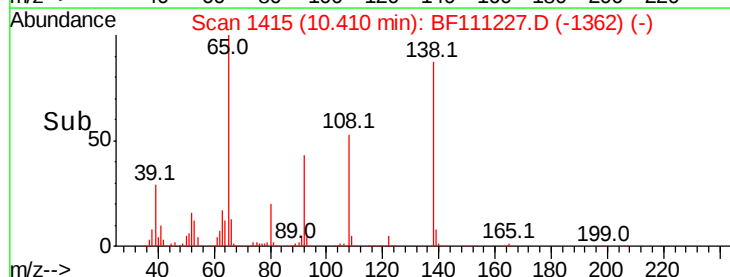
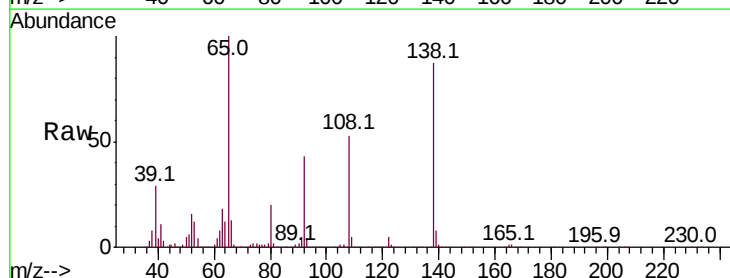
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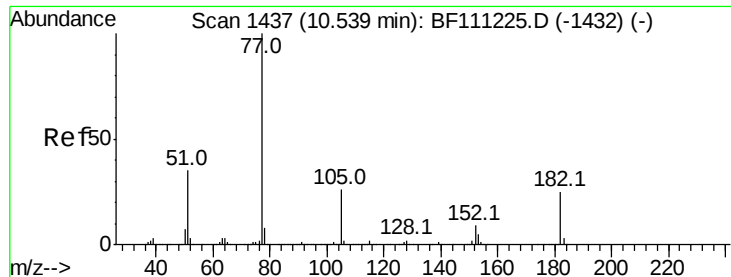
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#62
4-Nitroaniline
Concen: 65.654 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Tgt Ion:138 Resp: 1145759
Ion Ratio Lower Upper
138 100
92 50.1 29.9 69.9
108 61.6 43.2 83.2





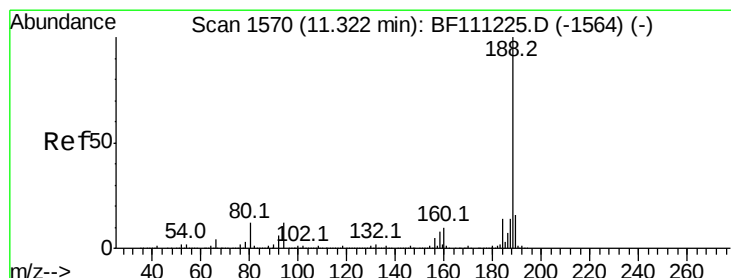
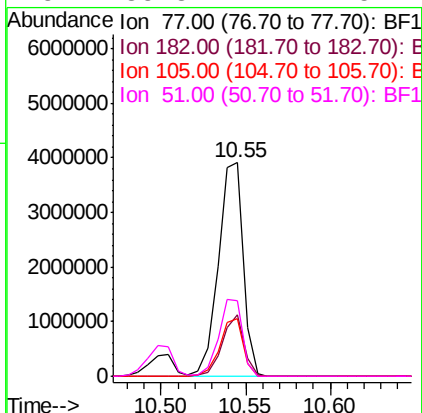
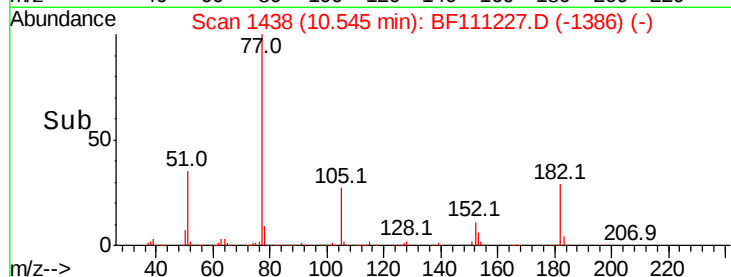
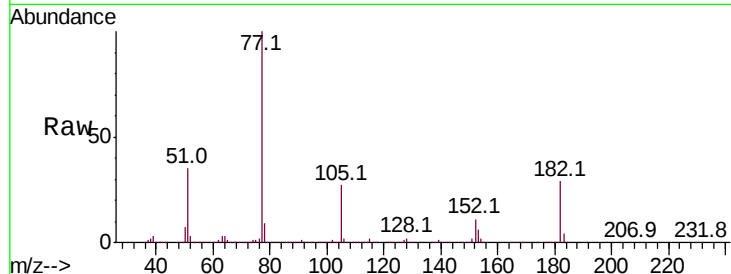
#63
Azobenzene
Concen: 52.755 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion: 77 Resp: 3992849
Ion Ratio Lower Upper
77 100
182 28.6 4.9 44.9
105 26.9 6.0 46.0
51 35.3 14.7 54.7

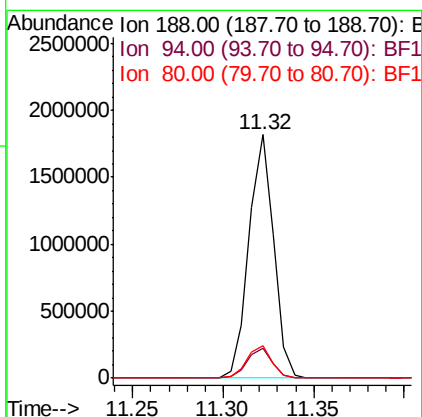
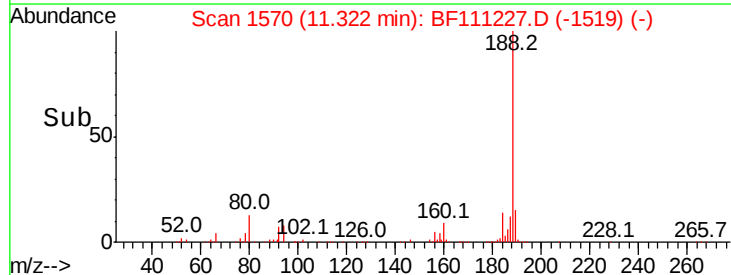
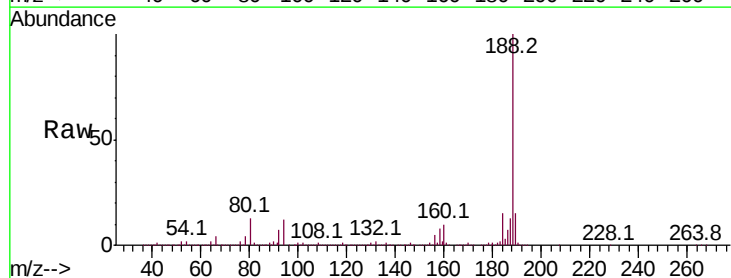
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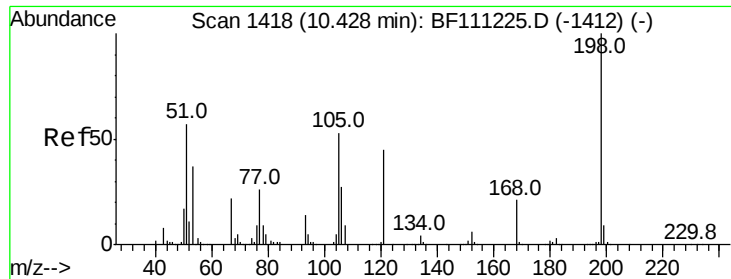
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Tgt Ion: 188 Resp: 1722567
Ion Ratio Lower Upper
188 100
94 12.2 9.6 14.4
80 13.3 9.8 14.6





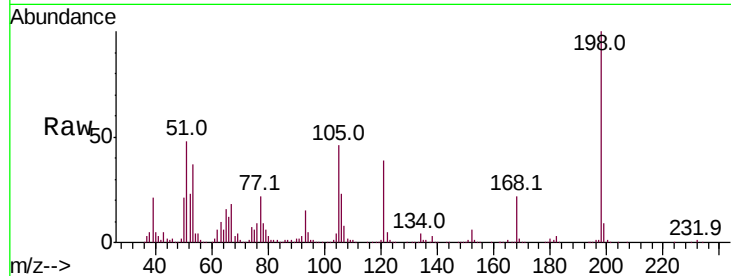
#65
4,6-Dinitro-2-methylphenol
Concen: 82.049 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

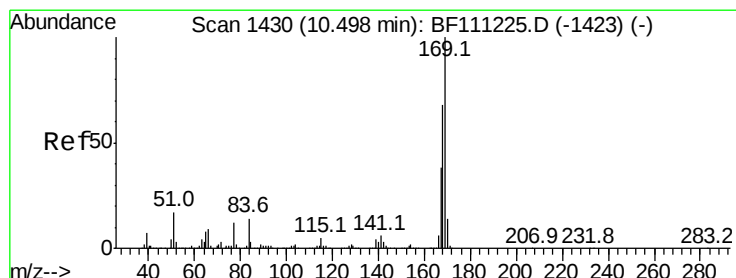
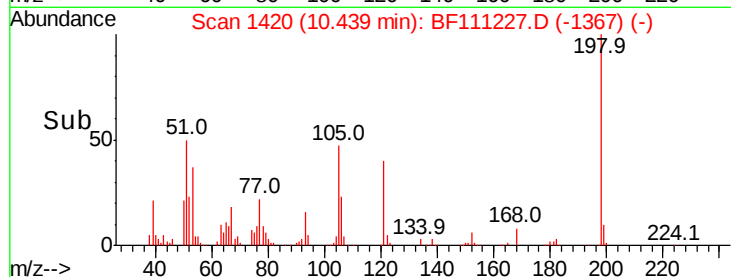
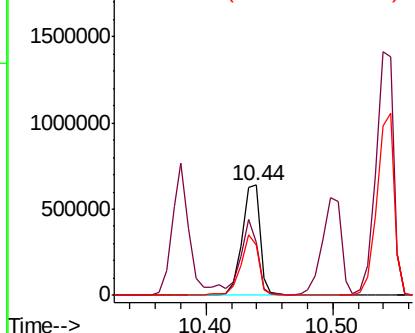
Tot Ion	Ratio	Lower	Upper
198	100		
51	47.8	48.0	88.0#
105	45.7	34.0	74.0

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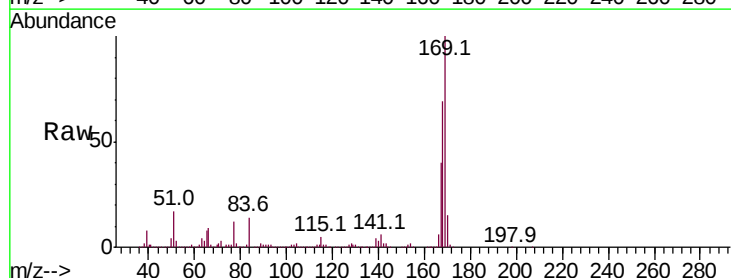


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

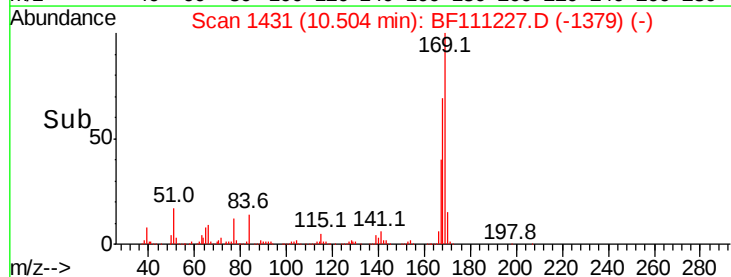
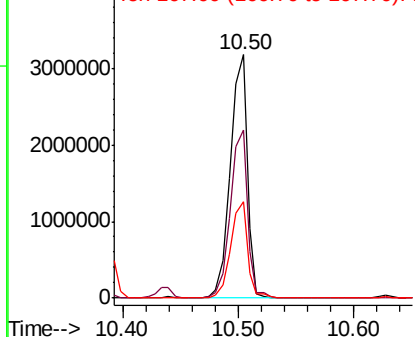


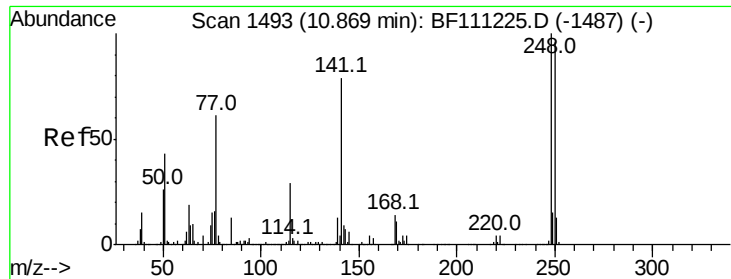
#66
n-Nitrosodiphenylamine
Concen: 53.895 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.9	54.4	81.6
167	39.7	30.5	45.7



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





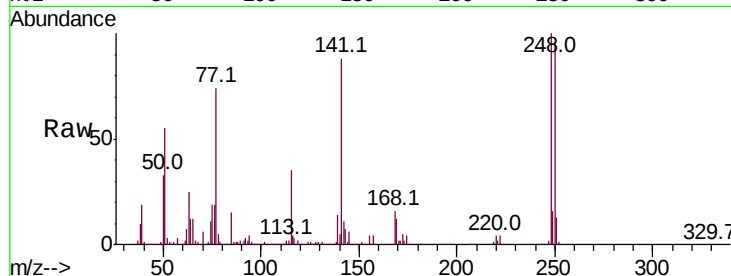
#67
4-Bromophenyl-phenylether
Concen: 57.720 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Instrument :
BNA_F
ClientSampled :
SSTDIC060

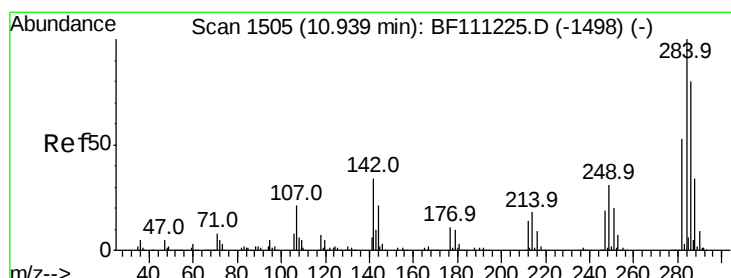
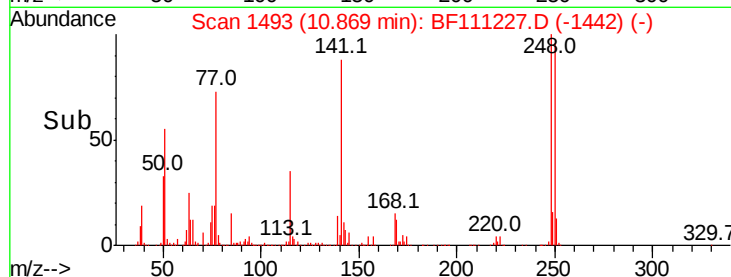
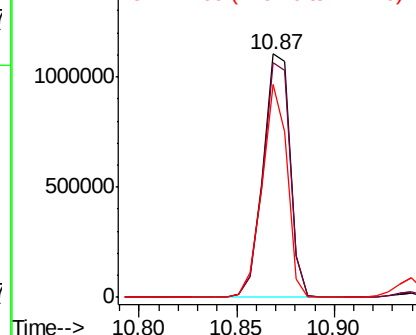
Tot Ion:248 Resp: 1057698
Ion Ratio Lower Upper
248 100
250 96.2 77.0 115.4
141 87.6 63.0 94.6

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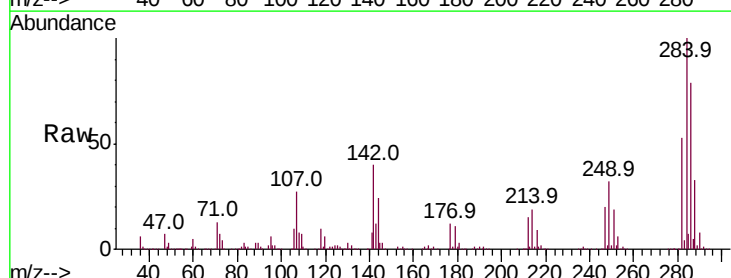


Abundance Ion 248.00 (247.70 to 248.70): E
1500000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

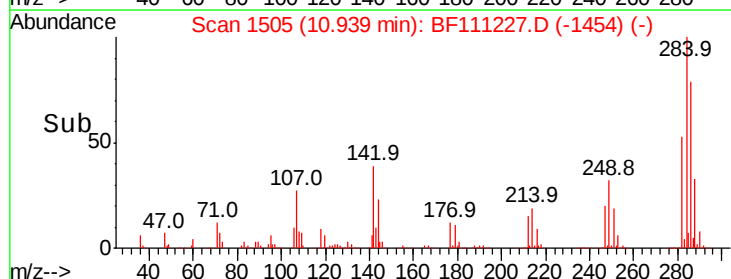
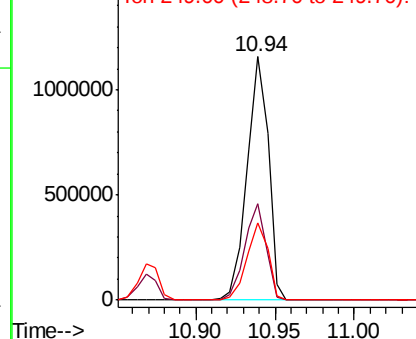


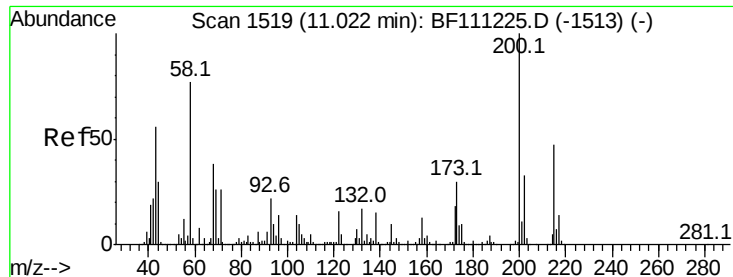
#68
Hexachlorobenzene
Concen: 57.122 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Tgt Ion:284 Resp: 1071245
Ion Ratio Lower Upper
284 100
142 39.7 27.4 41.2
249 31.9 24.4 36.6



Abundance Ion 283.80 (283.50 to 284.50): E
1500000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





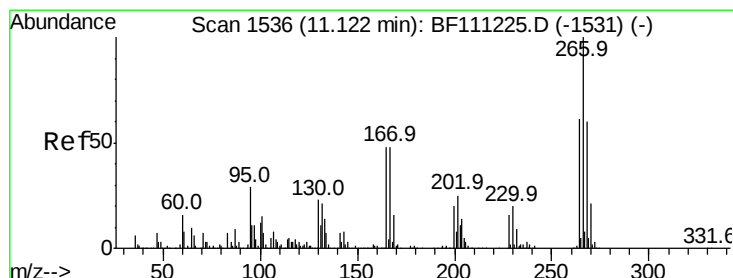
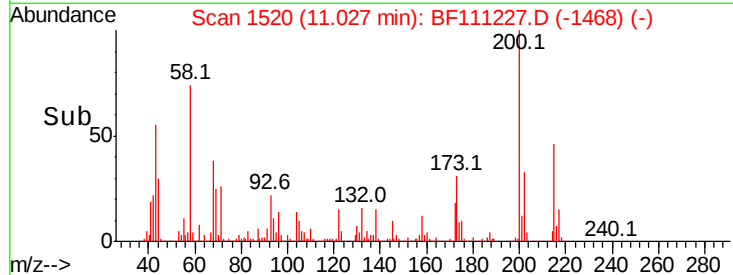
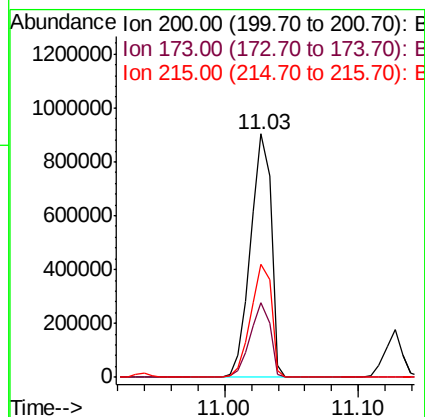
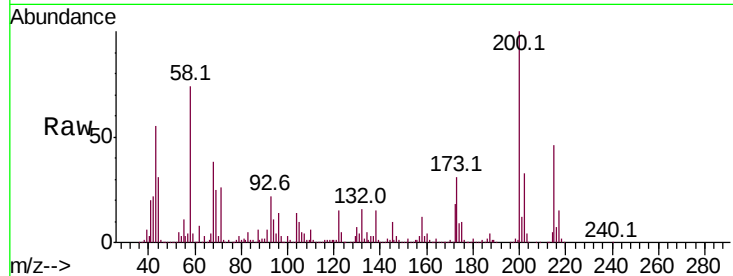
#69
Atrazine
Concen: 58.164 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
200	100		
173	30.7	10.1	50.1
215	46.5	26.9	66.9

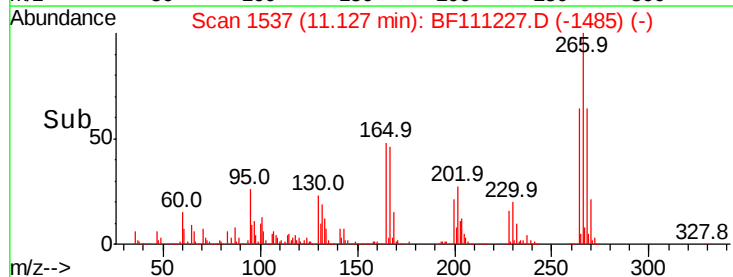
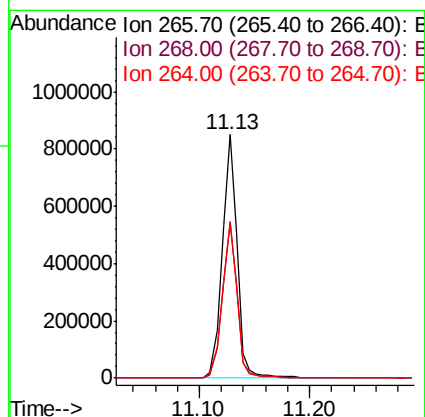
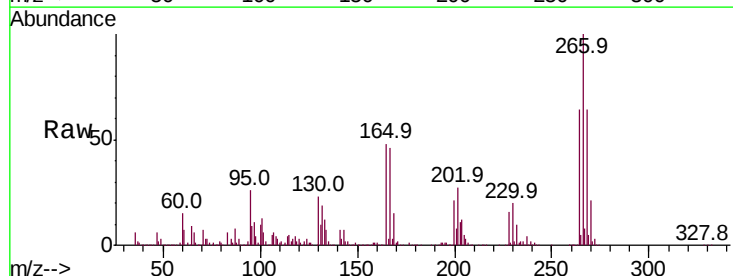
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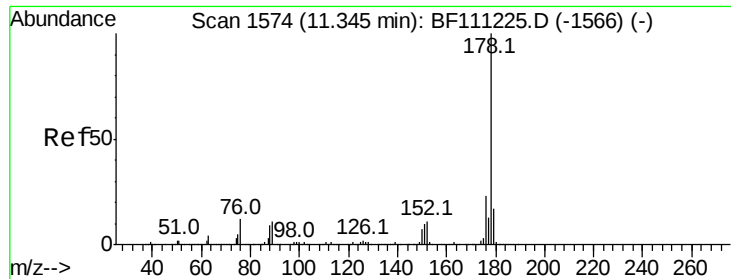
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#70
Pentachlorophenol
Concen: 64.244 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	47.9	71.9
264	64.5	49.1	73.7





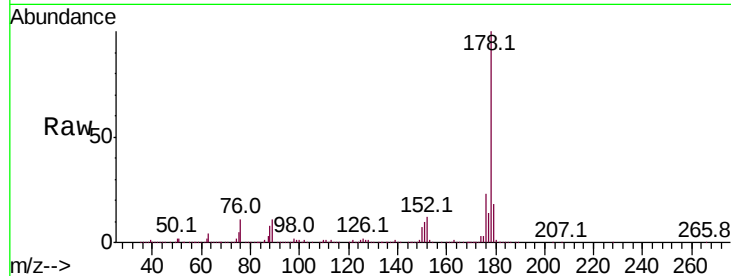
#71
Phenanthrene
Concen: 53.169 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

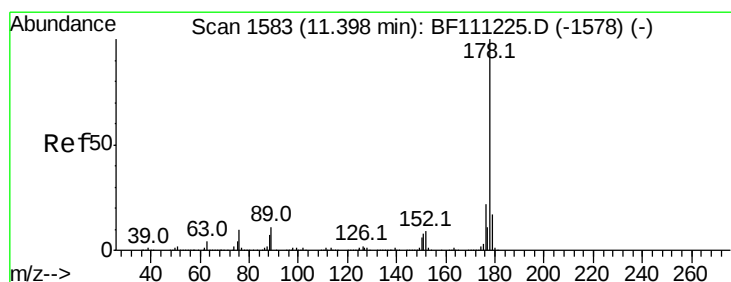
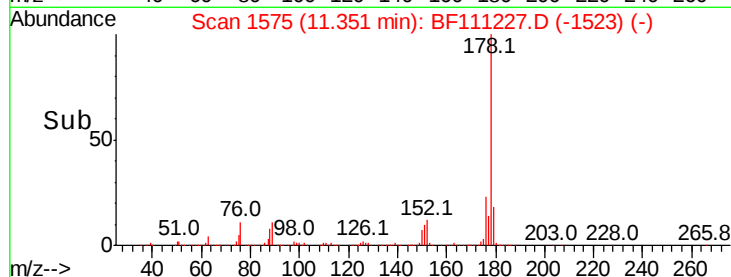
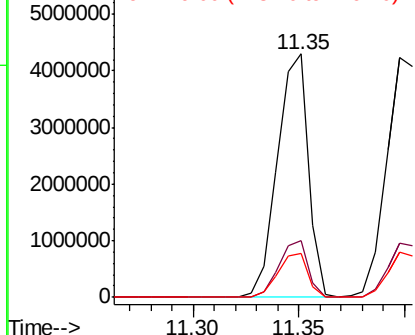
Tot Ion:178 Resp: 4401526
Ion Ratio Lower Upper
178 100
176 23.2 18.1 27.1
179 18.2 14.0 21.0

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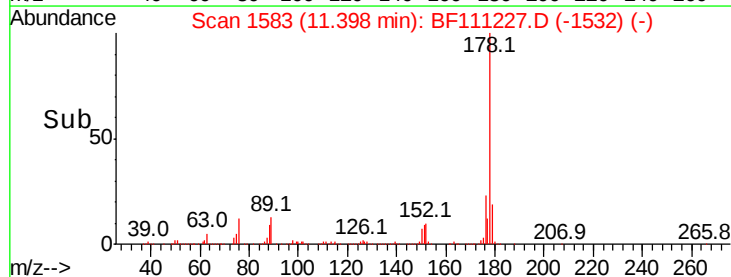
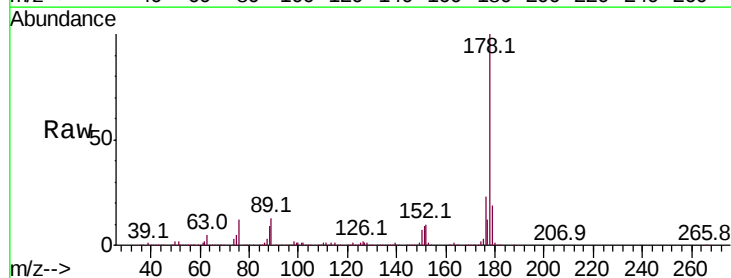
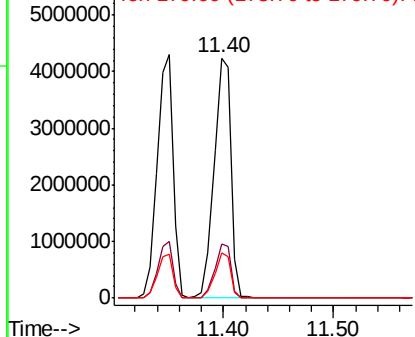
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

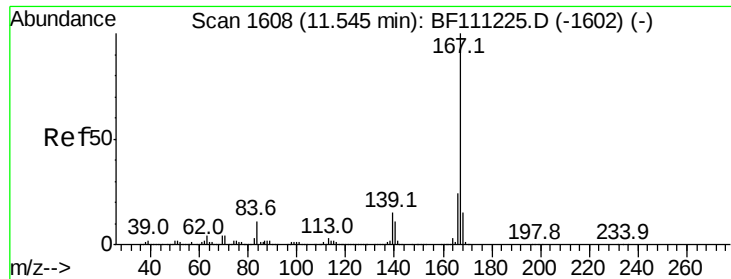


#72
Anthracene
Concen: 53.444 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Tgt Ion:178 Resp: 4461066
Ion Ratio Lower Upper
178 100
176 22.7 17.2 25.8
179 18.7 13.8 20.8

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





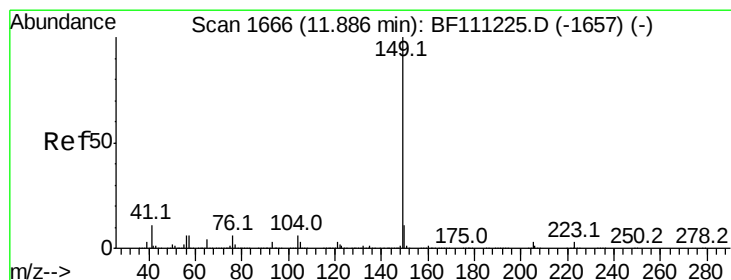
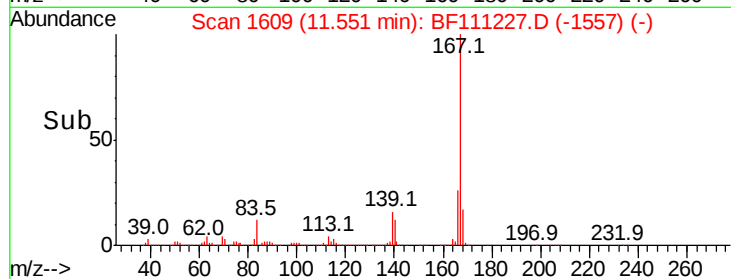
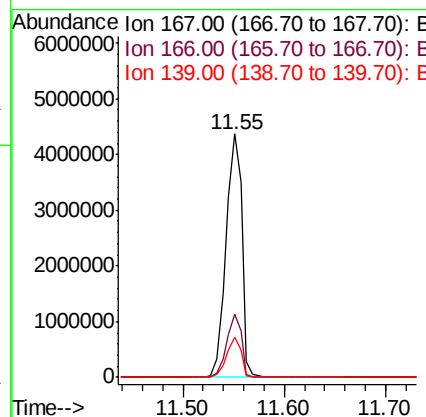
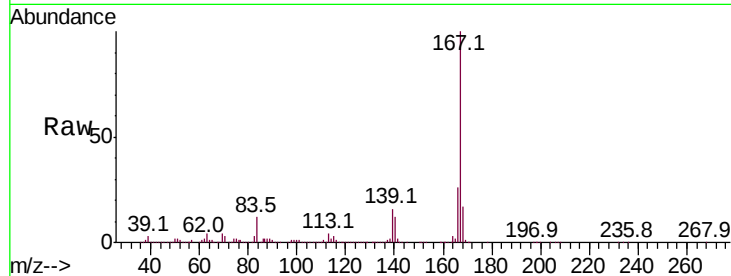
#73
 Carbazole
 Concen: 54.497 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111227.D
 Acq: 8 Dec 2018 13:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.9	19.3	28.9
139	16.2	11.9	17.9

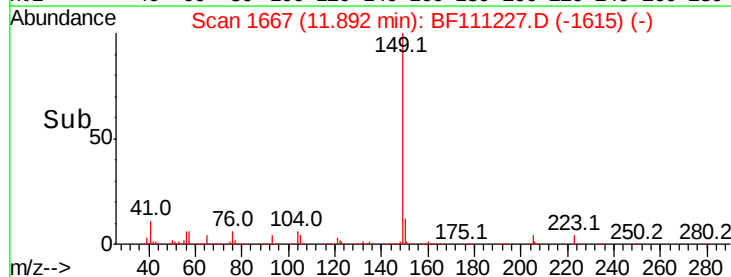
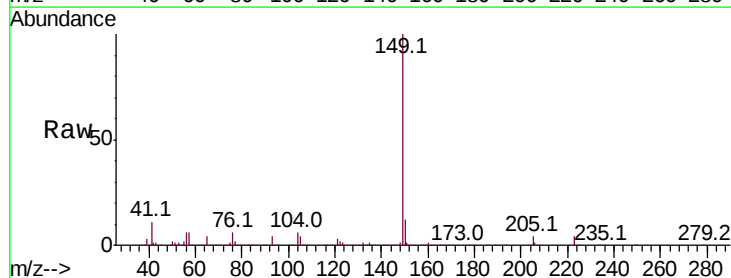
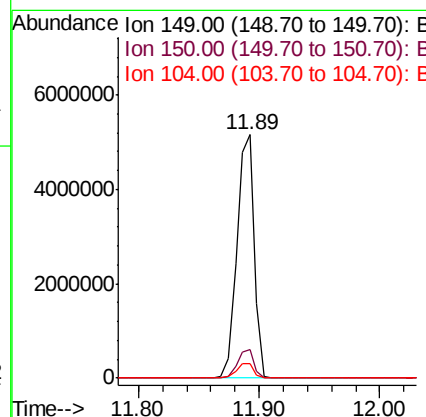
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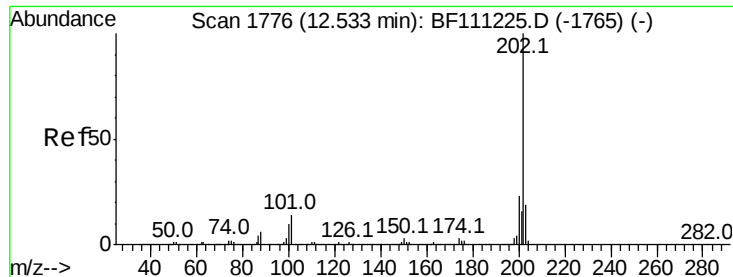
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#74
 Di-n-butylphthalate
 Concen: 50.199 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.01 min
 Lab File: BF111227.D
 Acq: 8 Dec 2018 13:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.8	8.8	13.2
104	6.1	4.5	6.7





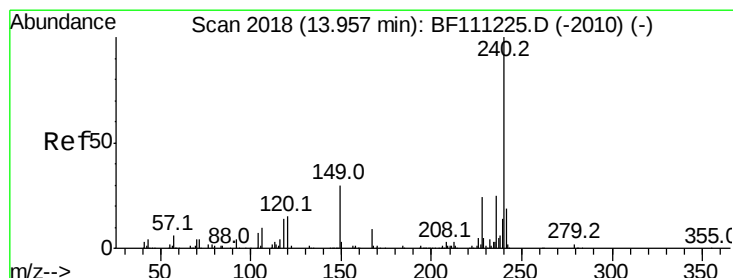
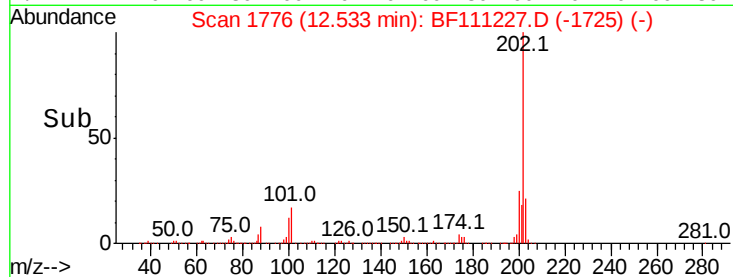
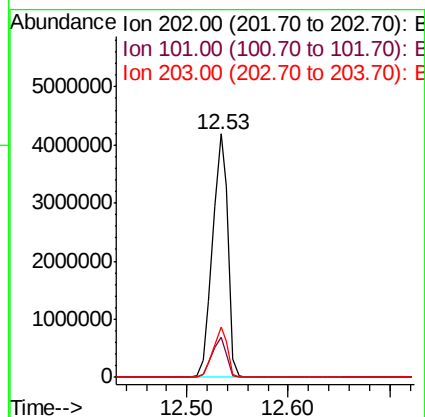
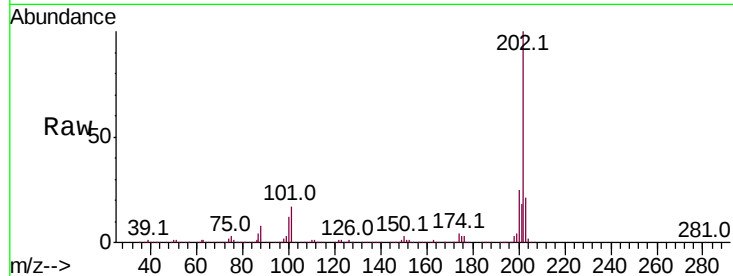
#75
Fluoranthene
Concen: 53.913 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
202	100		
101	16.6	0.0	33.8
203	20.8	0.0	38.6

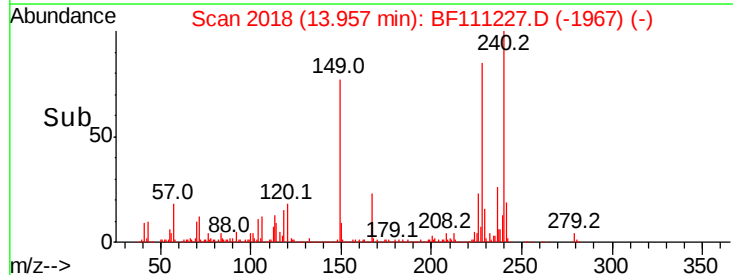
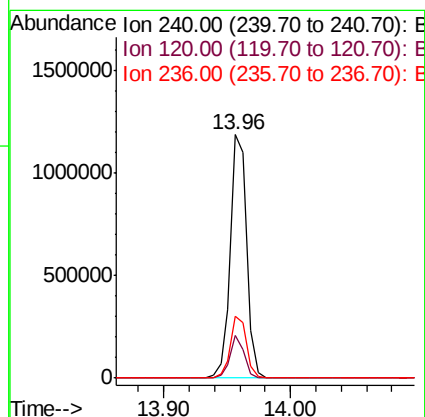
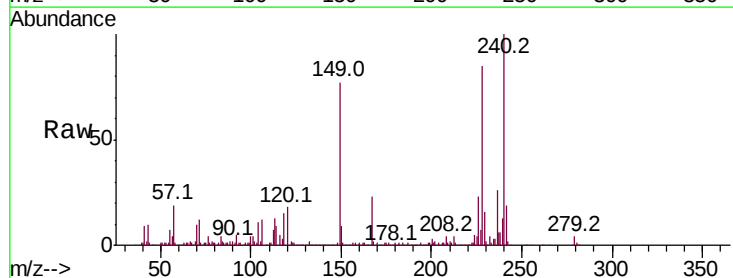
Manual Integrations
APPROVED

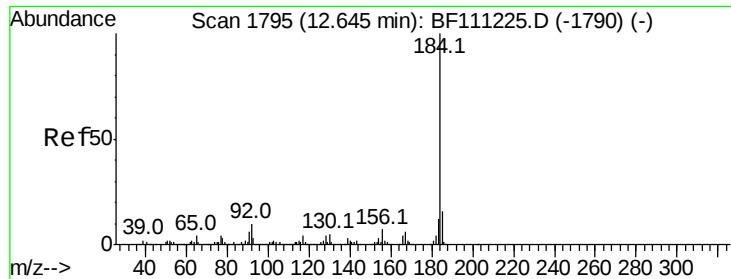
Sohil
12/10/2018 4:59:17 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	17.6	12.2	18.2
236	25.6	20.2	30.2





#77

Benzidine

Concen: 51.576 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111227.D

Acq: 8 Dec 2018 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:184 Resp: 1836571

Ion Ratio Lower Upper

184 100

185 17.7 13.0 19.6

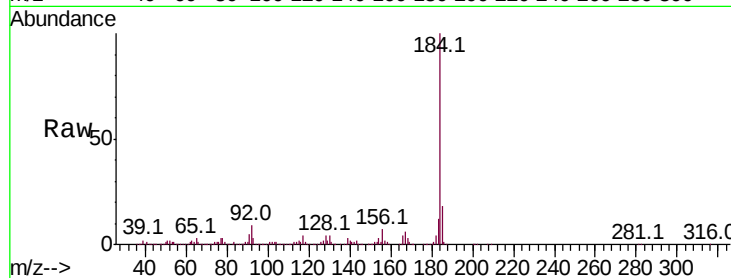
183 11.8 9.3 13.9

Manual Integrations

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Sohil

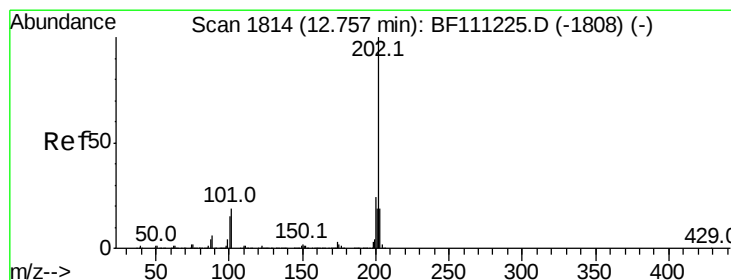
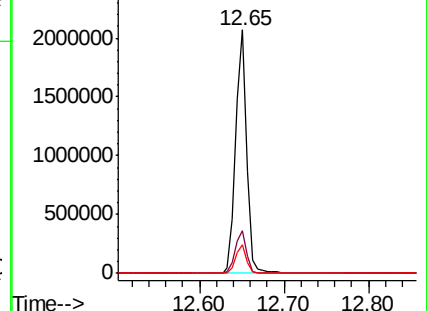
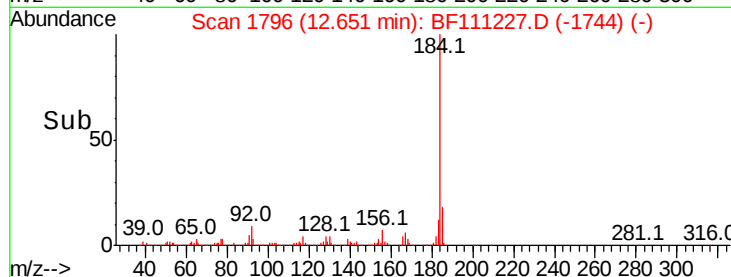
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 56.262 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF111227.D

Acq: 8 Dec 2018 13:57

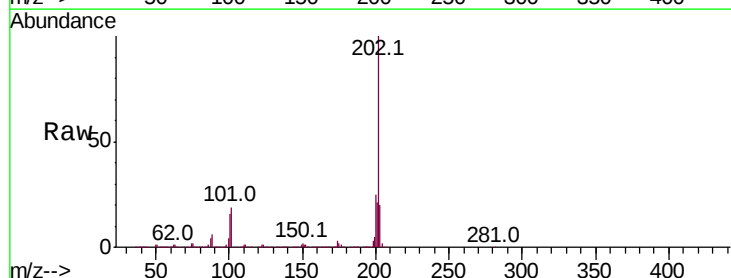
Tgt Ion:202 Resp: 4553532

Ion Ratio Lower Upper

202 100

200 25.2 19.0 28.4

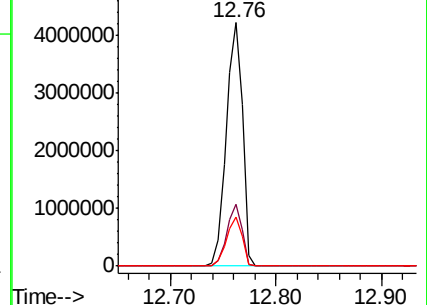
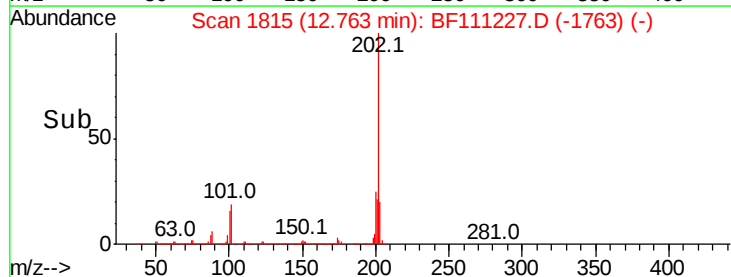
203 20.1 15.2 22.8

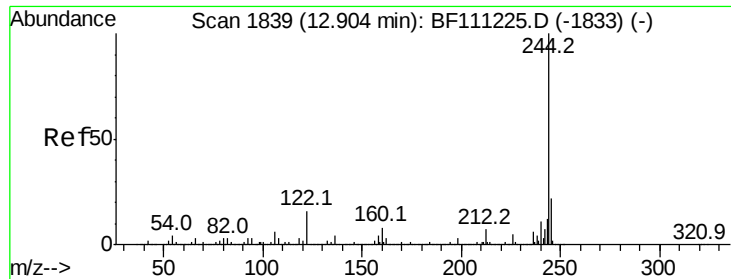


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 97.362 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111227.D

Acq: 8 Dec 2018 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:244 Resp: 4902763

Ion Ratio Lower Upper

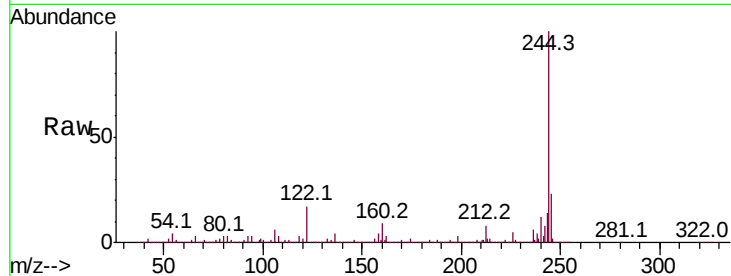
244 100

212 7.9 5.7 8.5

122 17.0 13.1 19.7

Manual Integrations
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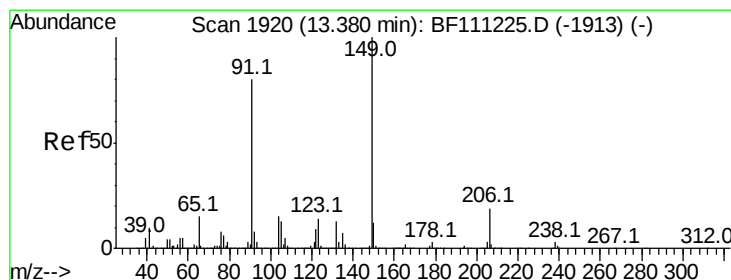
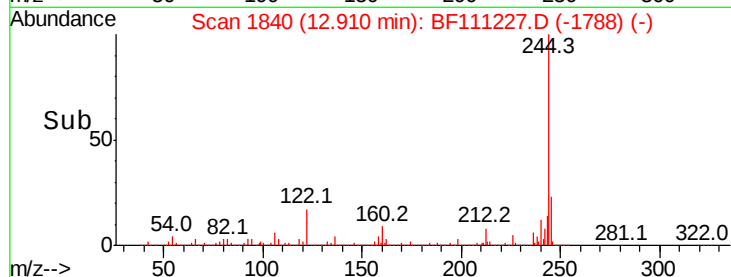
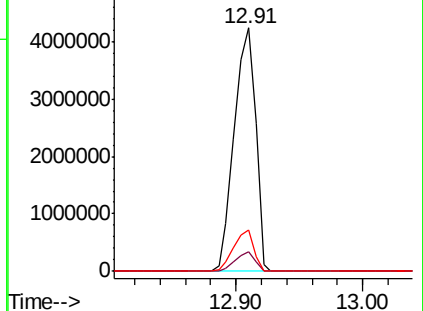
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 60.913 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BF111227.D

Acq: 8 Dec 2018 13:57

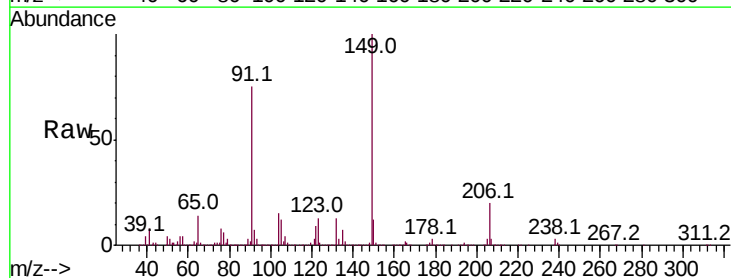
Tgt Ion:149 Resp: 2388067

Ion Ratio Lower Upper

149 100

91 74.6 63.8 95.6

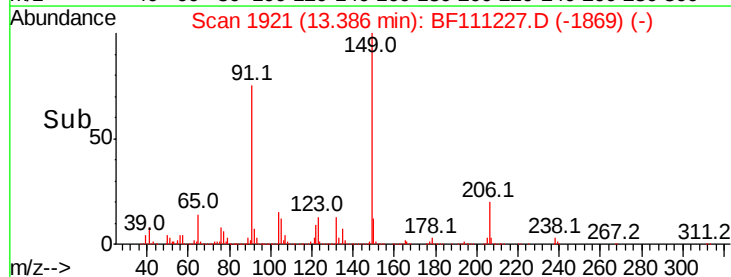
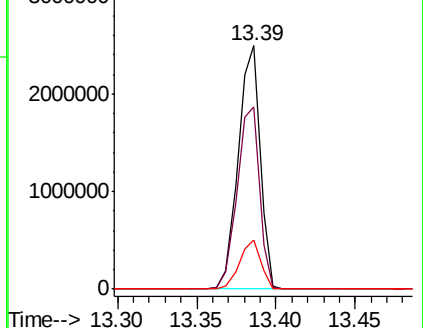
206 20.2 15.1 22.7

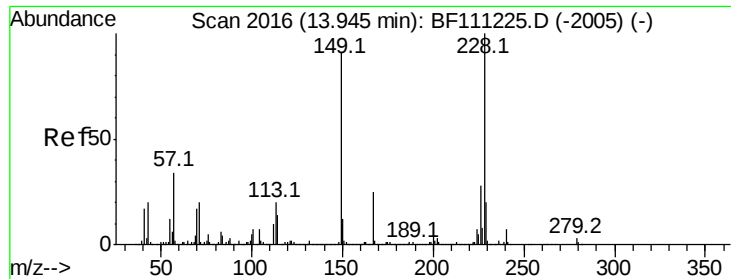


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





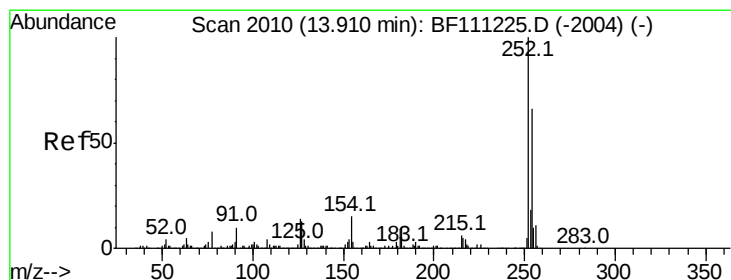
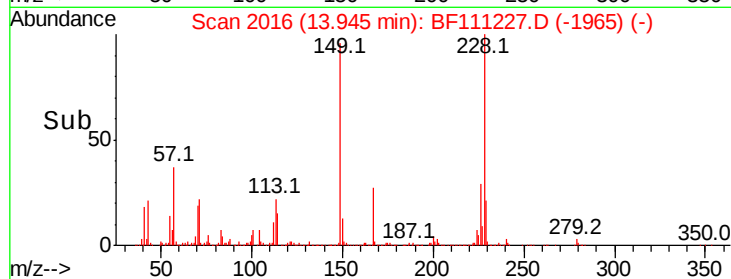
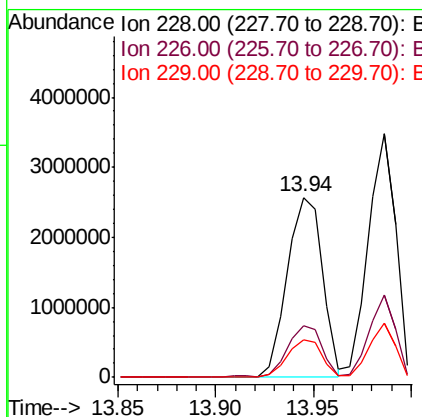
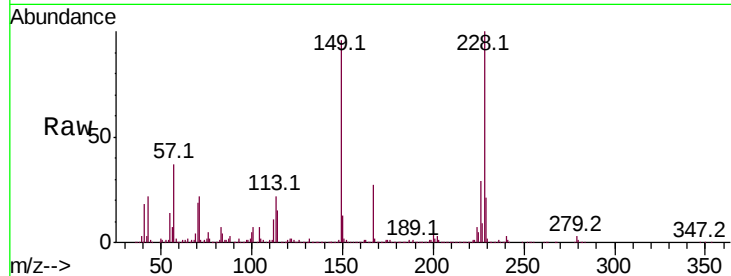
#81
Benzo(a)anthracene
Concen: 52.767 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion:228 Resp: 3214106
Ion Ratio Lower Upper
228 100
226 29.1 22.6 34.0
229 20.8 16.3 24.5

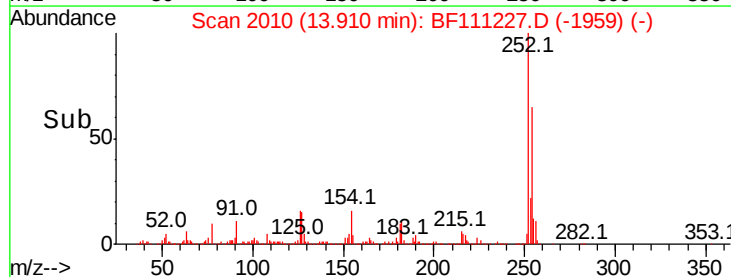
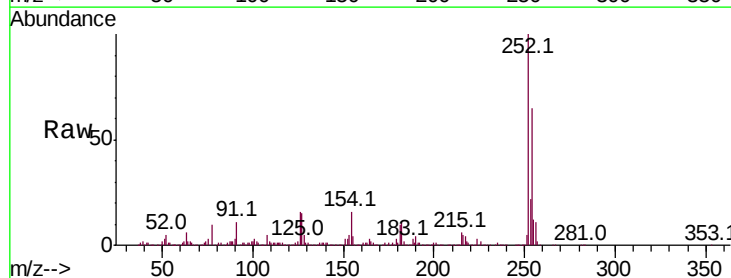
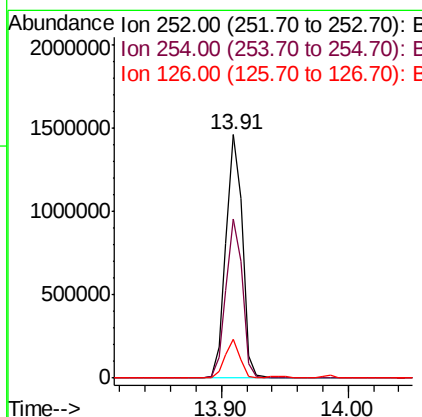
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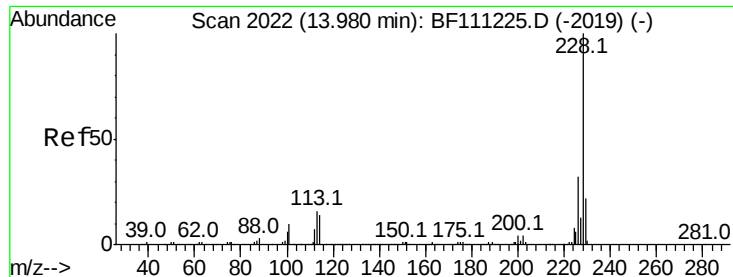
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#82
3,3'-Dichlorobenzidine
Concen: 56.366 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Tgt Ion:252 Resp: 1311615
Ion Ratio Lower Upper
252 100
254 65.3 52.7 79.1
126 15.7 11.1 16.7





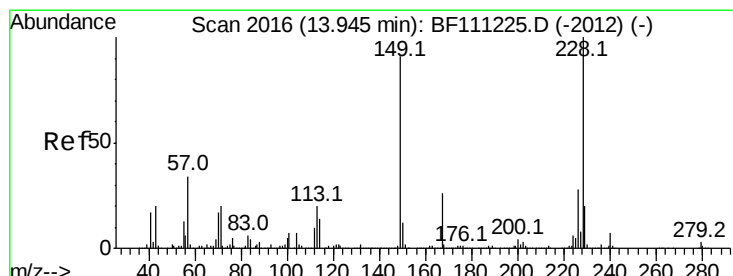
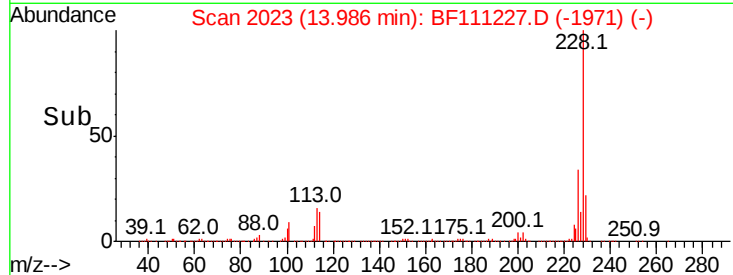
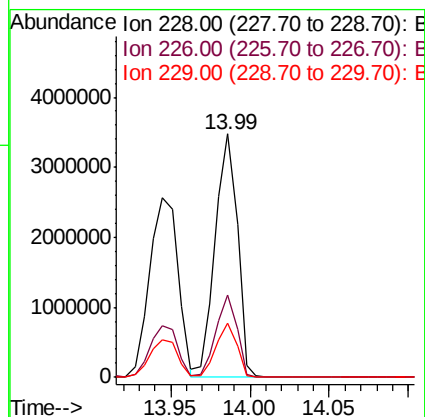
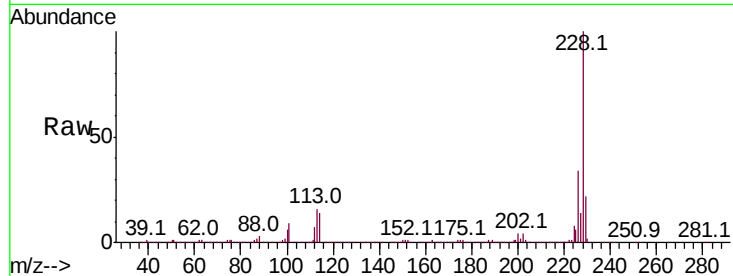
#83
 Chrvsene
 Concen: 56.015 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF111227.D
 Acq: 8 Dec 2018 13:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.9	25.3	37.9
229	22.2	17.2	25.8

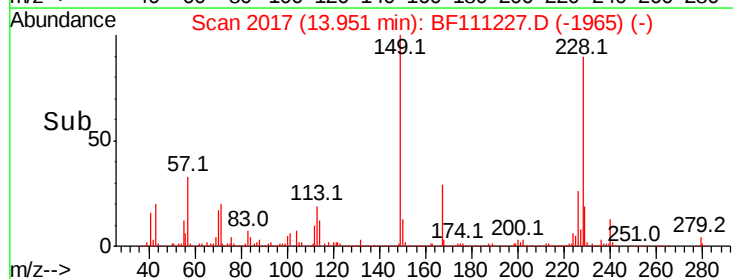
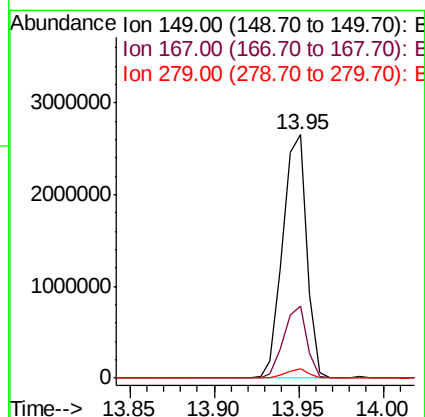
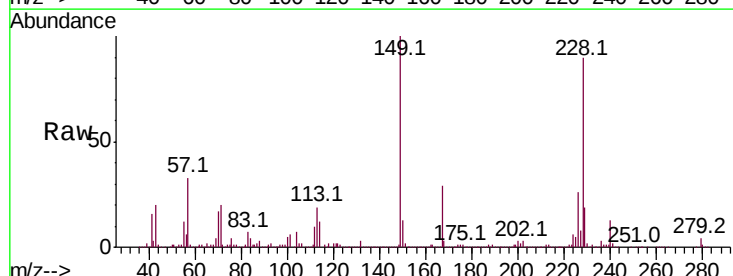
Manual Integrations
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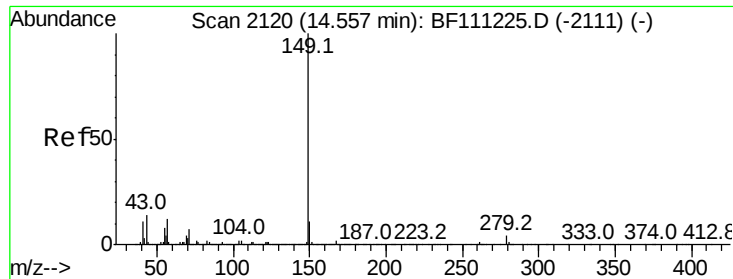
Sohil
 12/10/2018 4:59:17 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 55.980 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF111227.D
 Acq: 8 Dec 2018 13:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.4	22.5	33.7
279	3.8	2.6	4.0





#85

Di-n-octyl phthalate

Concen: 58.306 ng

RT: 14.56 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BF111227.D

Acq: 8 Dec 2018 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:149 Resp: 4389758

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

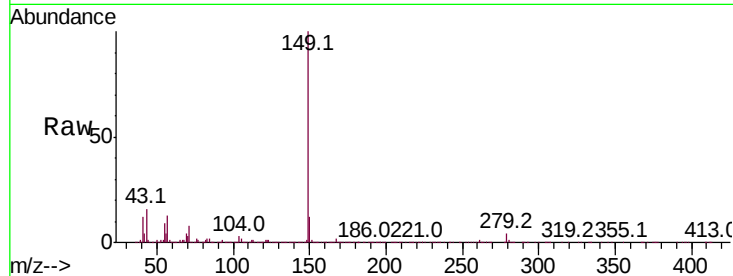
43 14.3 10.9 16.3

Manual Integrations

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Sohil

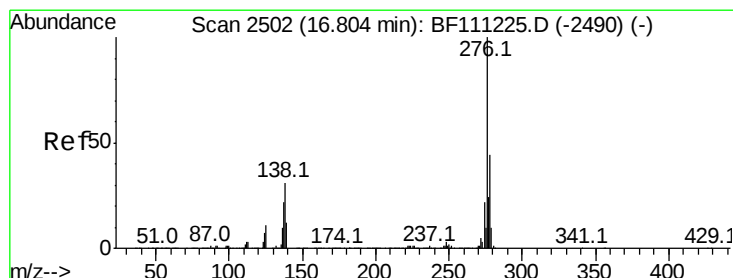
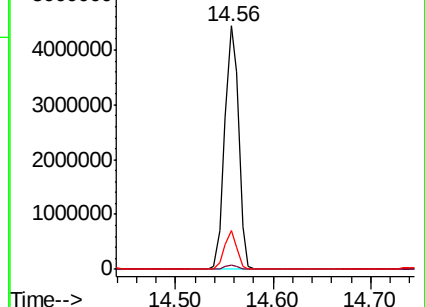
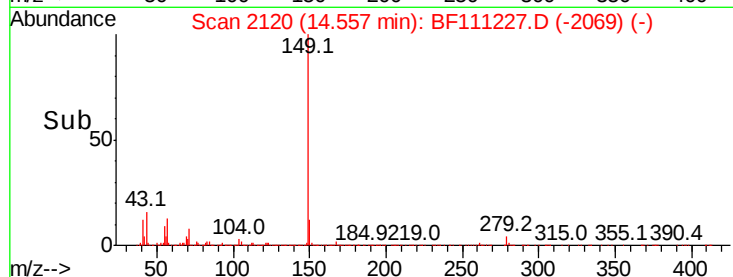
12/10/2018 4:59:17 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 63.375 ng

RT: 16.81 min Scan# 2503

Delta R.T. 0.01 min

Lab File: BF111227.D

Acq: 8 Dec 2018 13:57

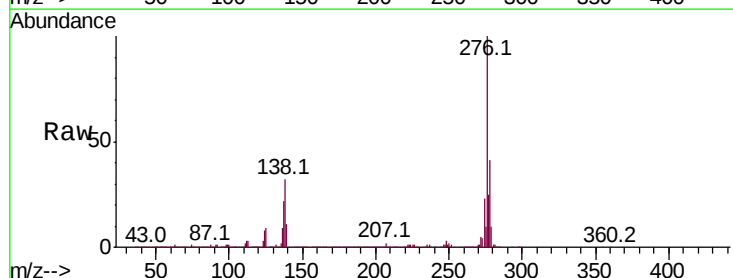
Tgt Ion:276 Resp: 3116622

Ion Ratio Lower Upper

276 100

138 34.6 27.8 41.6

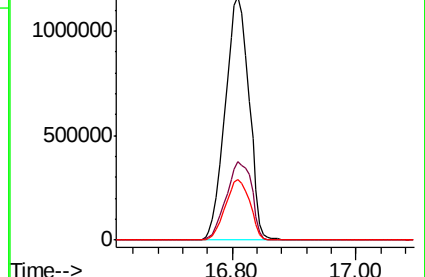
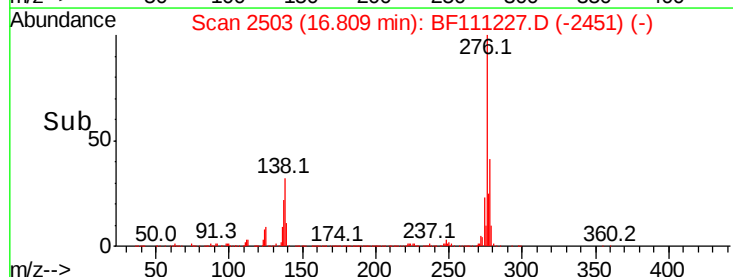
277 25.5 20.1 30.1

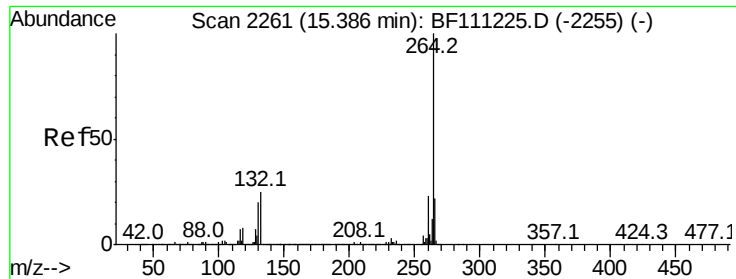


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2261

Delta R.T. -0.00 min

Lab File: BF111227.D

Acq: 8 Dec 2018 13:57

Instrument :

BNA_F

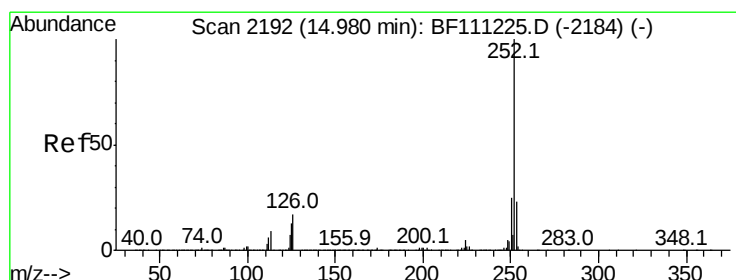
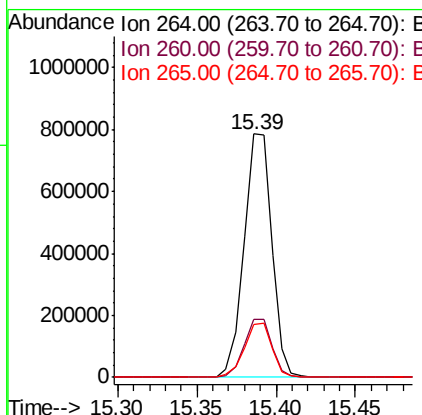
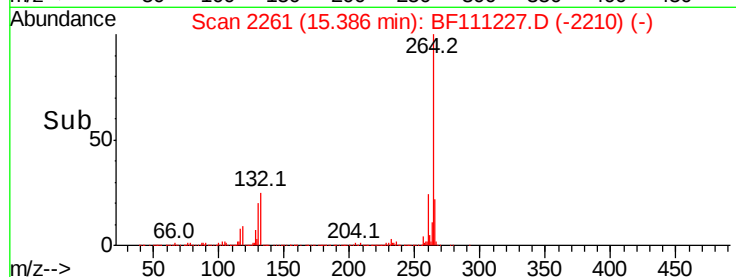
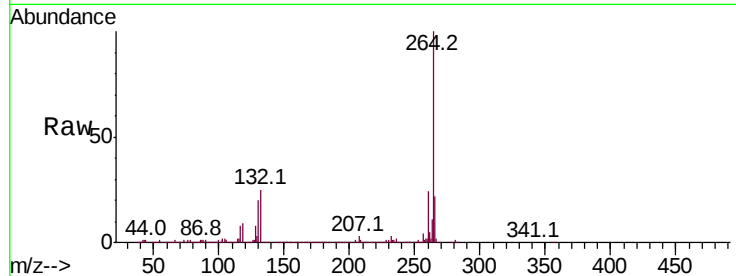
ClientSampleId :

SSTDICC060

Tot Ion:	264	Resp:	957547
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.3	27.5
265	21.8	17.7	26.5

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 55.635 ng

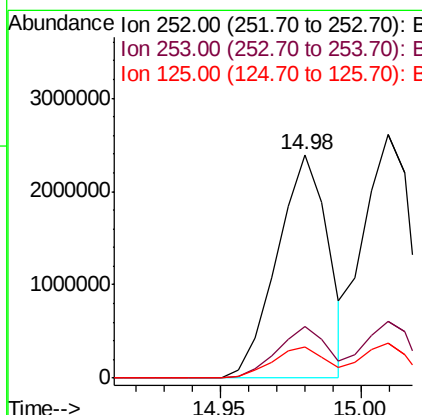
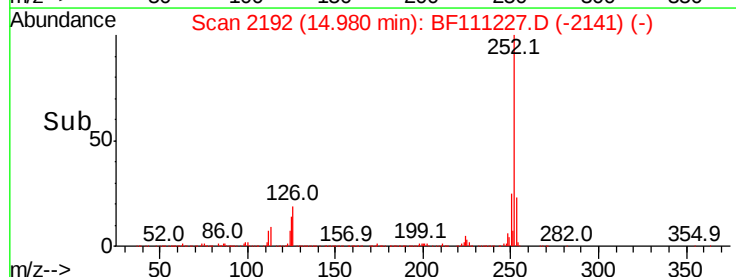
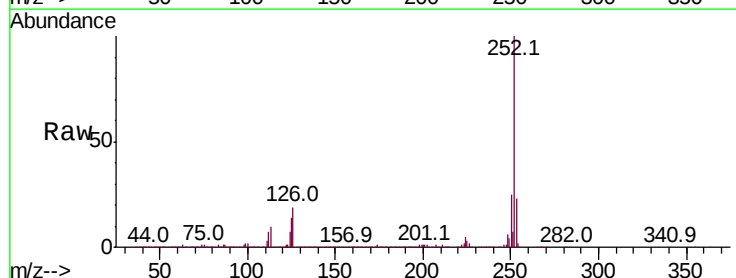
RT: 14.98 min Scan# 2192

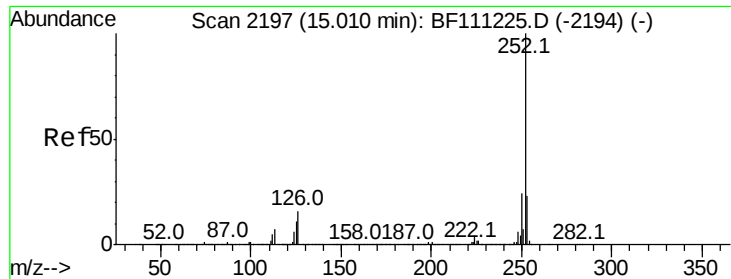
Delta R.T. -0.00 min

Lab File: BF111227.D

Acq: 8 Dec 2018 13:57

Tgt Ion:	252	Resp:	3017572
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.2	27.2
125	13.9	10.4	15.6





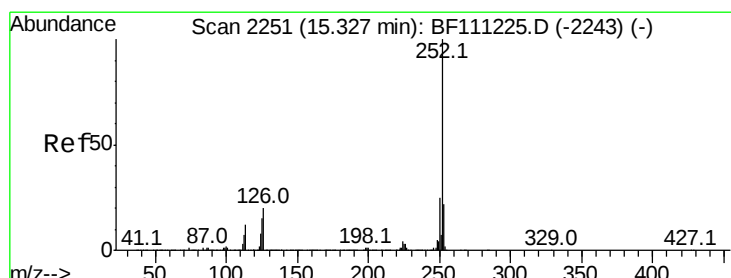
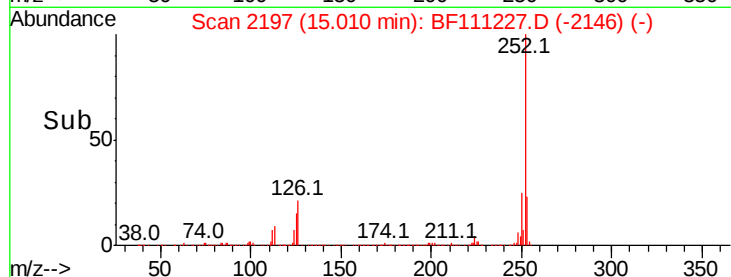
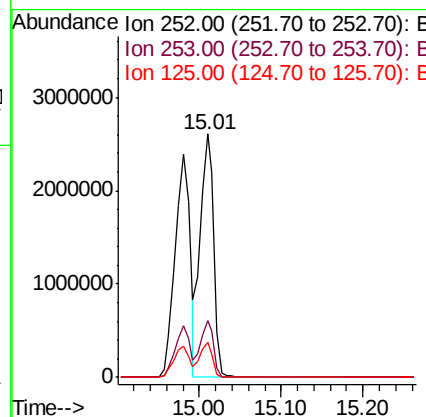
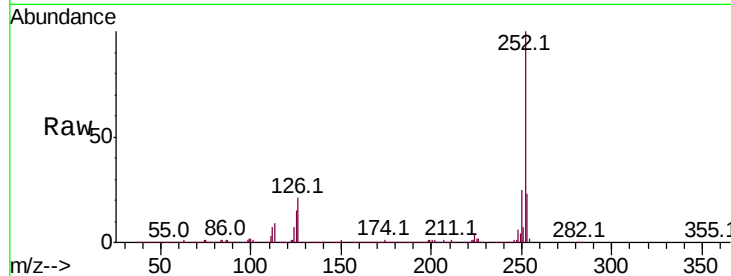
#89
Benzo(k)fluoranthene
Concen: 57.324 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	14.6	9.8	14.8

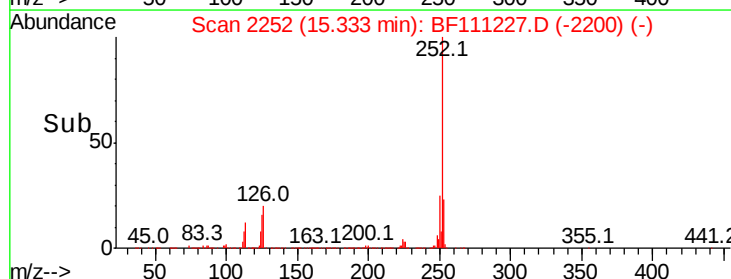
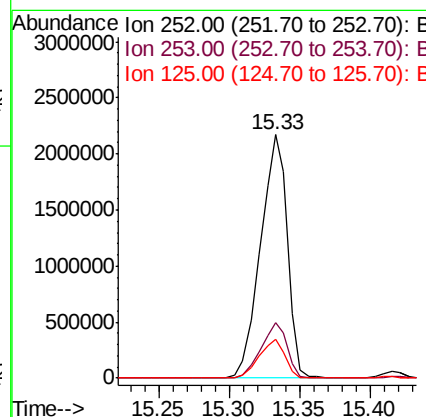
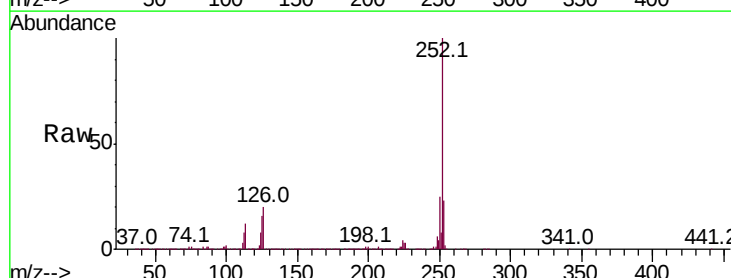
Manual Integrations
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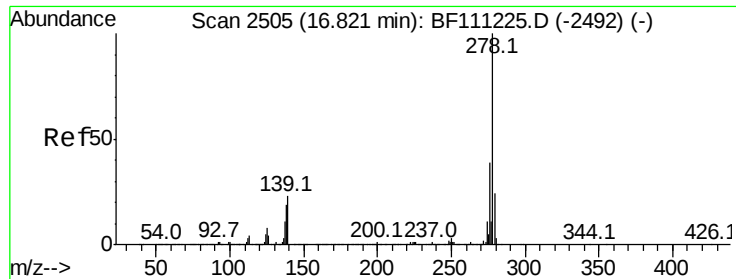
Sohil
12/10/2018 4:59:17 PM



#90
Benzo(a)pyrene
Concen: 58.270 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	15.7	12.3	18.5





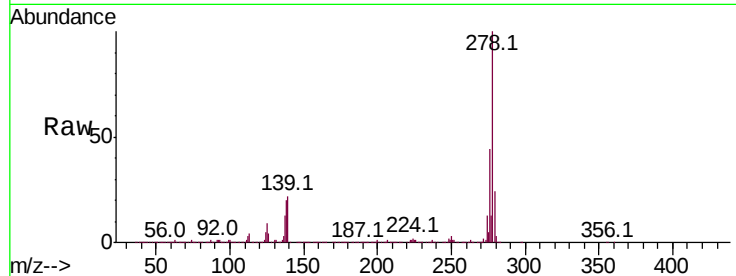
#91
Dibenzo(a,h)anthracene
Concen: 61.079 ng
RT: 16.83 min Scan# 2506
Delta R.T. 0.01 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.4	18.2	27.4
279	23.9	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/10/2018 4:59:17 PM

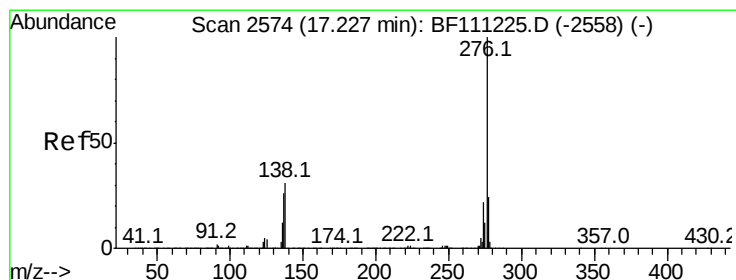
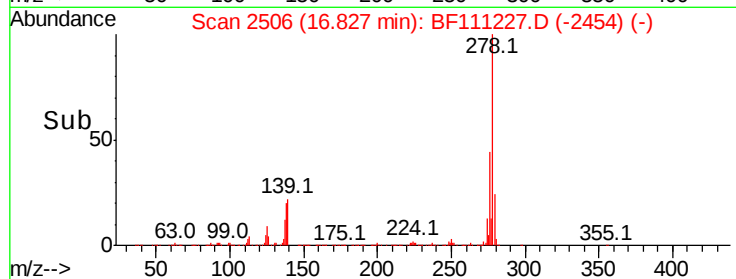
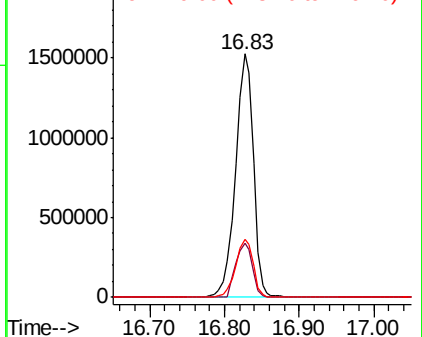


Abundance

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: 63.257 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.01 min
Lab File: BF111227.D
Acq: 8 Dec 2018 13:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	30.5	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

