

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110163.D
 Acq On : 25 Oct 2018 16:27
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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 10/26/2018 3:49:16 PM

Quant Time: Oct 25 18:08:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	148292	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	627701	20.00	ng	-0.02
39) Acenaphthene-d10	10.02	164	301561	20.00	ng	-0.01
64) Phenanthrene-d10	11.50	188	560544	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	386589	20.00	ng	-0.01
87) Perylene-d12	15.67	264	279506	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	712339	78.22	ng	-0.01
7) Phenol-d6	6.59	99	894950	76.84	ng	-0.01
23) Nitrobenzene-d5	7.53	82	840896	79.46	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	230678	77.22	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1495134	77.85	ng	-0.01
79) Terphenyl-d14	13.09	244	1496290	80.50	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.82	88	181466	38.035	ng	91
3) Pyridine	3.60	79	415333	39.084	ng	86
4) n-Nitrosodimethylamine	3.56	42	173667	39.008	ng	# 93
6) Aniline	6.63	93	593873	39.140	ng	# 54
8) 2-Chlorophenol	6.75	128	414492	39.480	ng	97
9) Benzaldehyde	6.52	77	260376	37.924	ng	96
10) Phenol	6.60	94	485284	38.977	ng	# 65
11) bis(2-Chloroethyl)ether	6.70	93	394902	38.552	ng	96
12) 1,3-Dichlorobenzene	6.91	146	449182	38.877	ng	97
13) 1,4-Dichlorobenzene	6.99	146	458279	39.219	ng	98
14) 1,2-Dichlorobenzene	7.14	146	424136	39.100	ng	99
15) Benzyl Alcohol	7.10	79	362251	40.437	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.23	45	640242	39.092	ng	68
17) 2-Methylphenol	7.21	107	328973	39.317	ng	# 82
18) Hexachloroethane	7.48	117	169064	39.518	ng	97
19) n-Nitroso-di-n-propylamine	7.38	70	288193	38.567	ng	97
20) 3+4-Methylphenols	7.36	107	423380	39.146	ng	90
22) Acetophenone	7.38	105	551791	38.150	ng	# 97
24) Nitrobenzene	7.55	77	434877	39.802	ng	97
25) Isophorone	7.79	82	689564	38.225	ng	97
26) 2-Nitrophenol	7.87	139	220130	42.338	ng	90
27) 2,4-Dimethylphenol	7.89	122	335746	38.949	ng	100
28) bis(2-Chloroethoxy)methane	7.99	93	470937	38.428	ng	99
29) 2,4-Dichlorophenol	8.10	162	340889	39.143	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	385954	39.565	ng	94
31) Naphthalene	8.27	128	1121673	38.772	ng	99
32) Benzoic acid	8.02	122	267446m	40.142	ng	
33) 4-Chloroaniline	8.32	127	495987	38.094	ng	98
34) Hexachlorobutadiene	8.39	225	214809	39.659	ng	99
35) Caprolactam	8.70	113	115470	38.041	ng	90
36) 4-Chloro-3-methylphenol	8.80	107	363252	38.572	ng	94
37) 2-Methylnaphthalene	8.96	142	732793	38.284	ng	99
38) 1-Methylnaphthalene	9.06	142	704630	38.094	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	359394	38.250	ng	99

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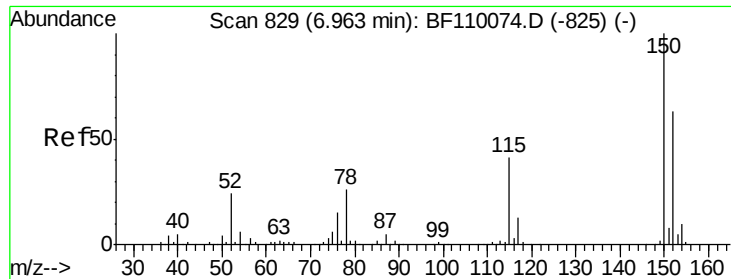
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Quant Time: Oct 25 18:08:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	186700	38.859	nq	100
43) 2,4,6-Trichlorophenol	9.24	196	236861	39.084	nq	97
44) 2,4,5-Trichlorophenol	9.28	196	246223	38.436	nq	97
46) 1,1'-Biphenyl	9.43	154	1038456	38.081	nq	99
47) 2-Chloronaphthalene	9.46	162	769578	38.472	nq	99
48) 2-Nitroaniline	9.55	65	238899	39.411	nq	98
49) Acenaphthylene	9.87	152	1094566	37.885	nq	98
50) Dimethylphthalate	9.73	163	840954	37.778	nq	99
51) 2,6-Dinitrotoluene	9.79	165	193733	40.403	nq	97
52) Acenaphthene	10.05	154	736179	38.516	nq	98
53) 3-Nitroaniline	9.97	138	221408	38.829	nq	90
54) 2,4-Dinitrophenol	10.07	184	69210	39.191	nq	91
55) Dibenzofuran	10.22	168	1008338	37.680	nq	95
56) 4-Nitrophenol	10.12	139	167520	39.694	nq	96
57) 2,4-Dinitrotoluene	10.20	165	249048	40.891	nq	89
58) Fluorene	10.56	166	743068	37.309	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	201406	38.573	nq	95
60) Diethylphthalate	10.43	149	827408	38.077	nq	99
61) 4-Chlorophenyl-phenylether	10.55	204	397504	37.834	nq	99
62) 4-Nitroaniline	10.58	138	220944	38.958	nq	94
63) Azobenzene	10.71	77	810540	37.578	nq	97
65) 4,6-Dinitro-2-methylphenol	10.61	198	102233	39.920	nq	96
66) n-Nitrosodiphenylamine	10.67	169	714661	38.870	nq	96
67) 4-Bromophenyl-phenylether	11.05	248	236491	38.895	nq	97
68) Hexachlorobenzene	11.11	284	249852	38.729	nq	# 90
69) Atrazine	11.19	200	223188	38.412	nq	99
70) Pentachlorophenol	11.30	266	156424	41.582	nq	98
71) Phenanthrene	11.53	178	1105854	37.703	nq	99
72) Anthracene	11.58	178	1128788	38.396	nq	100
73) Carbazole	11.73	167	1092657	38.065	nq	100
74) Di-n-butylphthalate	12.05	149	1247733	38.487	nq	100
75) Fluoranthene	12.72	202	1104017	37.089	nq	100
77) Benzidine	12.84	184	504919	48.046	nq	98
78) Pyrene	12.95	202	1125804	40.621	nq	99
80) Butylbenzylphthalate	13.56	149	480164	39.915	nq	99
81) Benzo(a)anthracene	14.14	228	881356	38.444	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	303406	38.006	nq	99
83) Chrysene	14.18	228	815960	37.473	nq	100
84) Bis(2-ethylhexyl)phthalate	14.11	149	610036	37.514	nq	96
85) Di-n-octyl phthalate	14.73	149	898811	35.547	nq	99
86) Indeno(1,2,3-cd)pyrene	17.24	276	644152	35.659	nq	96
88) Benzo(b)fluoranthene	15.22	252	627425	38.873	nq	99
89) Benzo(k)fluoranthene	15.25	252	643373	40.546	nq	# 97
90) Benzo(a)pyrene	15.61	252	583040	39.257	nq	97
91) Dibenzo(a,h)anthracene	17.26	278	535264	41.769	nq	99
92) Benzo(g,h,i)perylene	17.72	276	538208	42.620	nq	97

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



#1

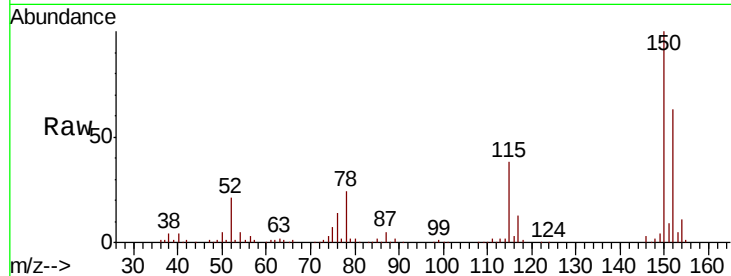
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	122.7	184.1
115	61.0	49.1	73.7

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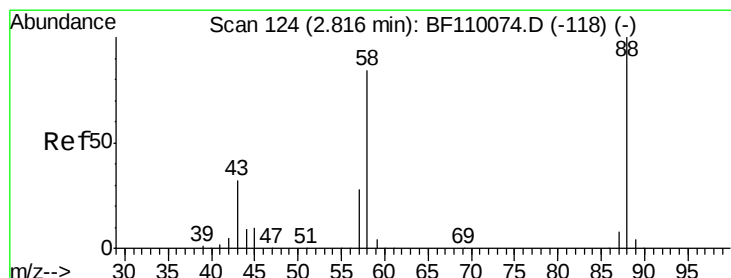
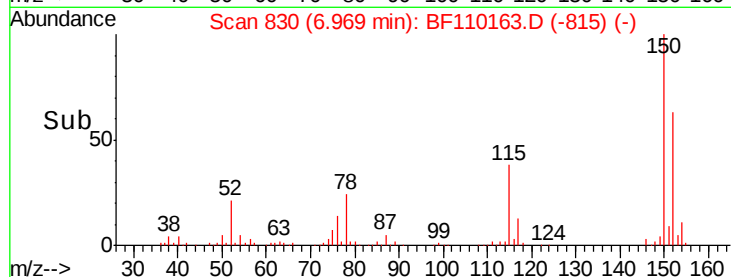
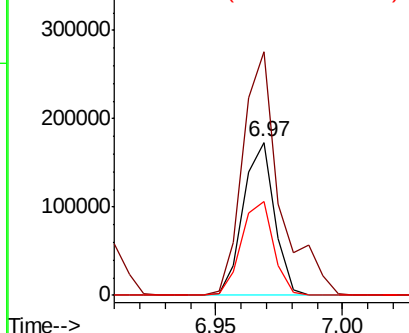


Abundance

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: 38.035 ng
RT: 2.82 min Scan# 125
Delta R.T. -0.02 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

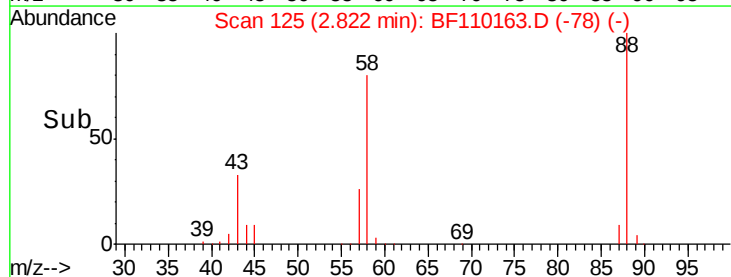
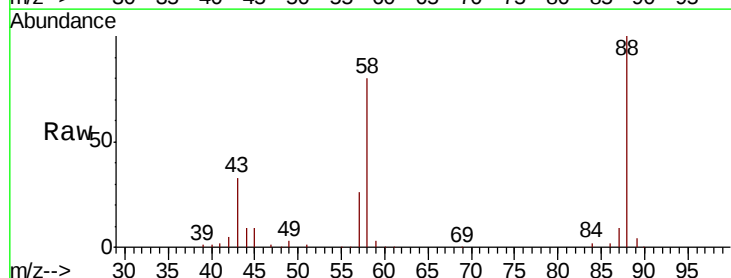
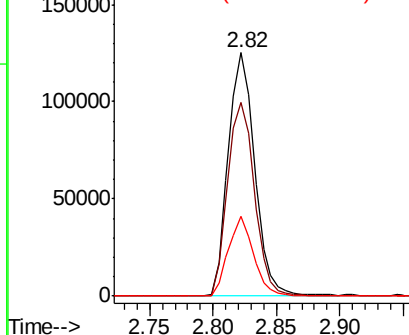
Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.7	57.1	85.7
43	31.3	24.1	36.1

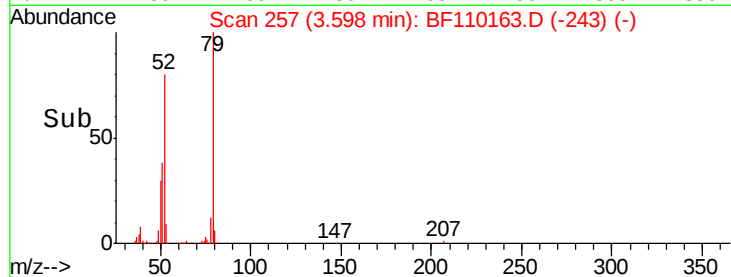
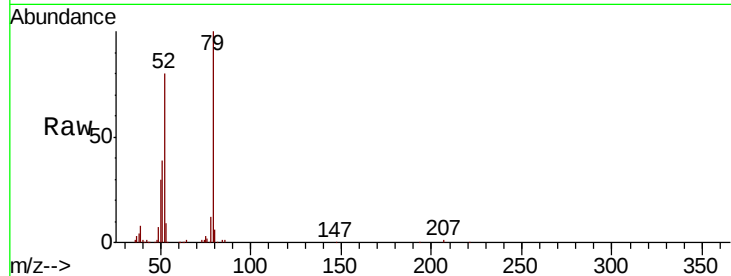
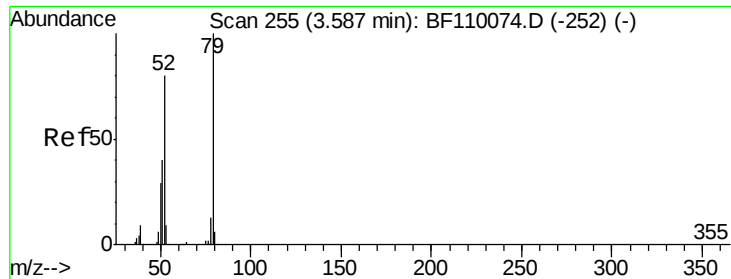
Abundance

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





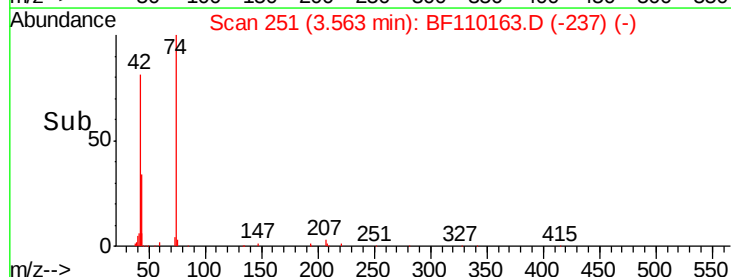
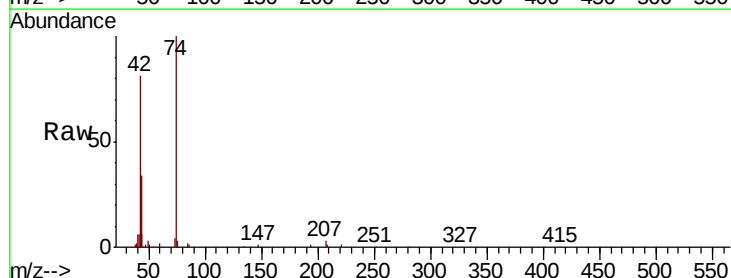
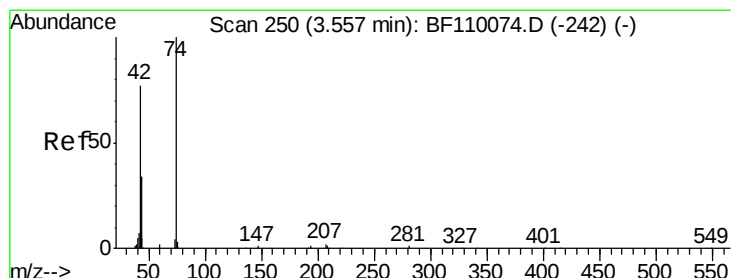
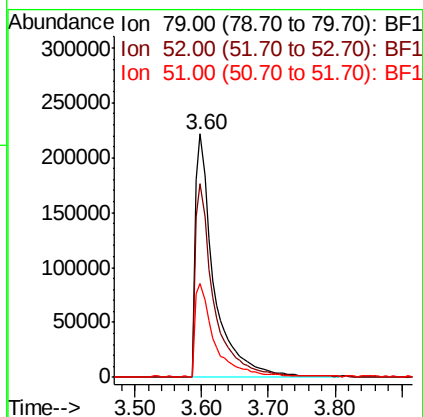
#3
 Pvridine
 Concen: 39.084 ng
 RT: 3.60 min Scan# 257
 Delta R.T. -0.02 min
 Lab File: BF110163.D
 Acq: 25 Oct 2018 16:27

Tot Ion	Ratio	Lower	Upper
79	100		
52	79.6	53.1	79.7
51	38.6	27.4	41.2

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

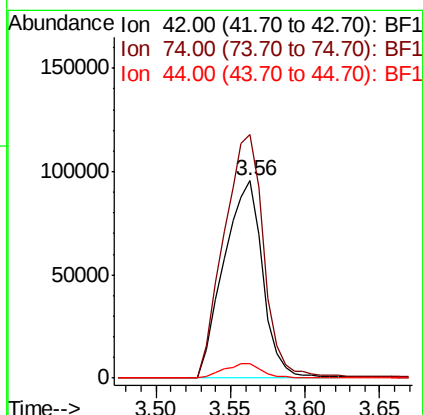
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#4
 n-Nitrosodimethylamine
 Concen: 39.008 ng
 RT: 3.56 min Scan# 251
 Delta R.T. -0.02 min
 Lab File: BF110163.D
 Acq: 25 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
42	100		
74	123.3	105.5	158.3
44	7.4	4.9	7.3#





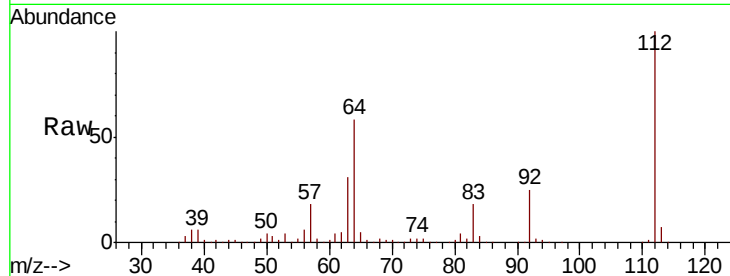
#5
2-Fluorophenol
Concen: 78.225 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

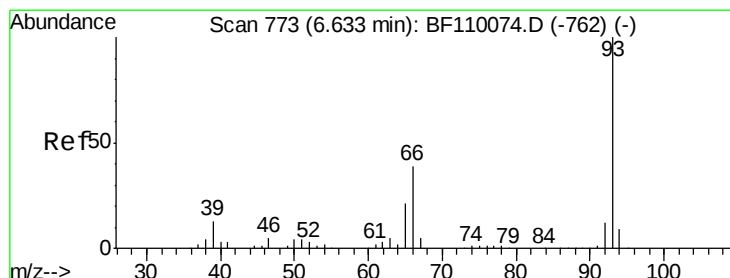
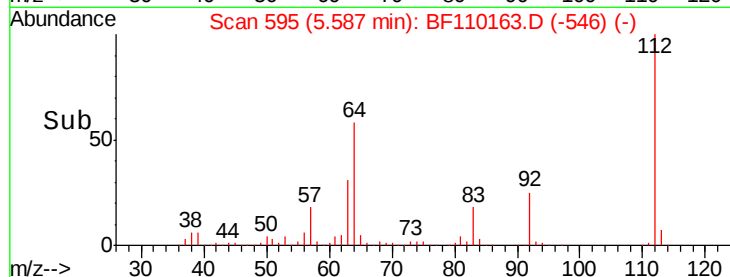
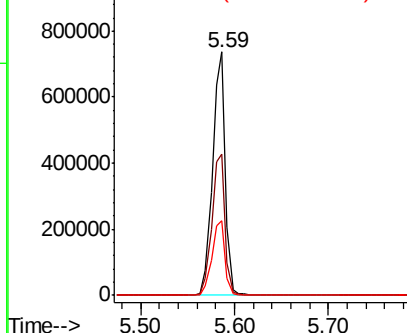
Tot Ion:	112	Resp:	712339
Ion Ratio	Lower	Upper	
112	100		
64	57.8	44.1	66.1
63	30.9	23.7	35.5

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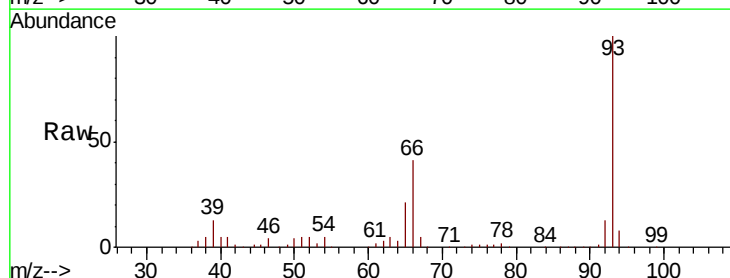


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

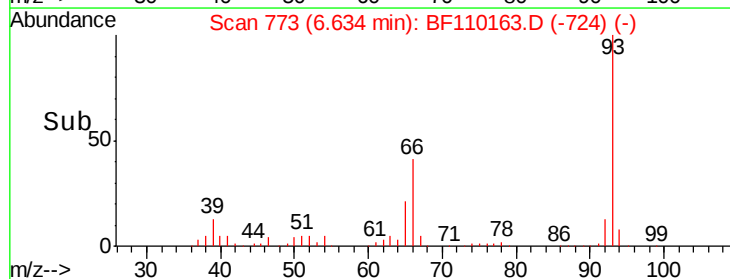
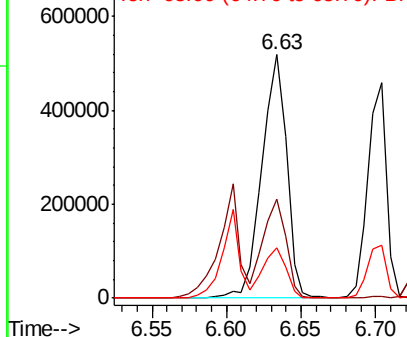


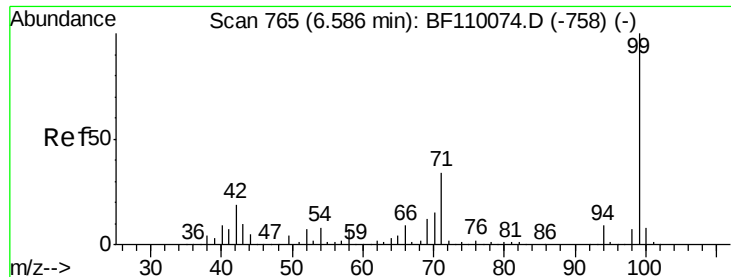
#6
Aniline
Concen: 39.140 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Tgt Ion:	93	Resp:	593873
Ion Ratio	Lower	Upper	
93	100		
66	40.6	67.4	101.0#
65	20.6	41.0	61.4#



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





#7

Phenol-d6

Concen: 76.835 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

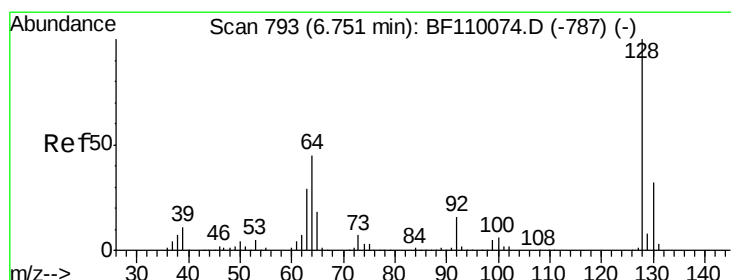
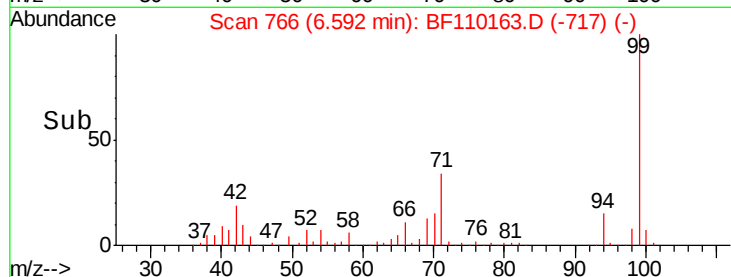
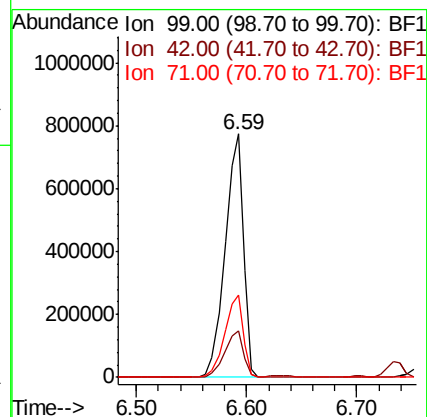
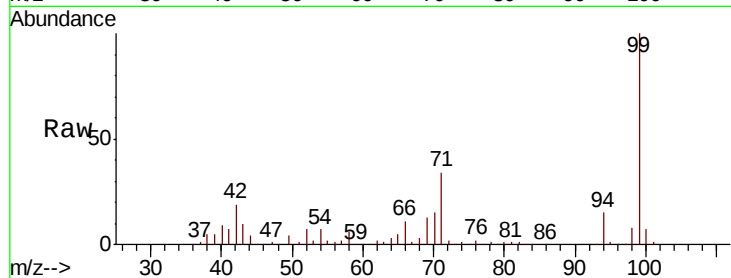
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		894950		
42	18.9	15.8	23.6		
71	33.7	28.0	42.0		

Manual Integrations
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#8

2-Chlorophenol

Concen: 39.480 ng

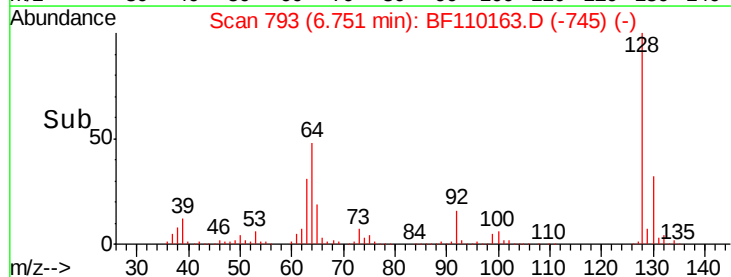
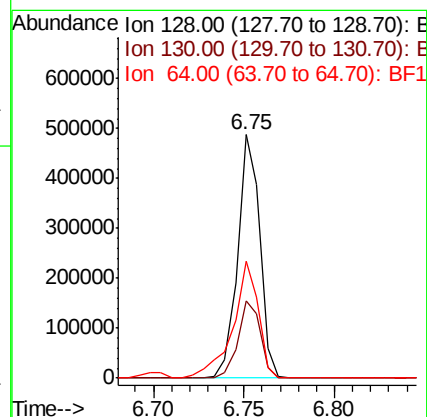
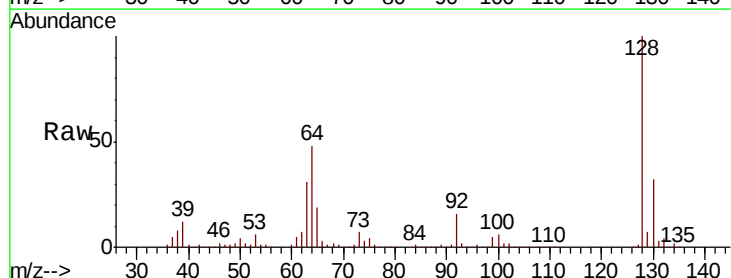
RT: 6.75 min Scan# 793

Delta R.T. -0.02 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		414492		
130	31.7	13.1	53.1		
64	48.0	26.0	66.0		





#9

Benzaldehyde

Concen: 37.924 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

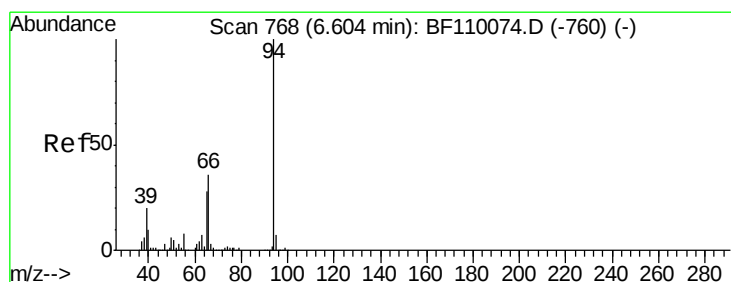
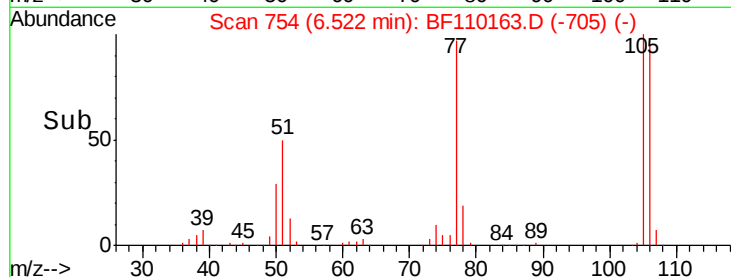
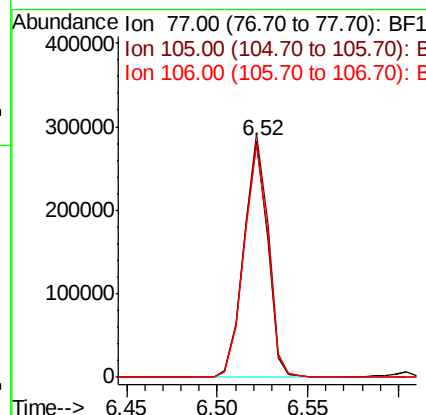
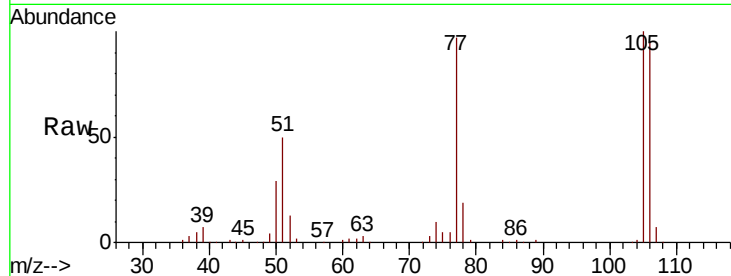
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	260376
Ion	Ratio	Lower	Upper
77	100		
105	103.0	78.6	118.6
106	98.1	74.8	114.8

Manual Integrations
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#10

Phenol

Concen: 38.977 ng

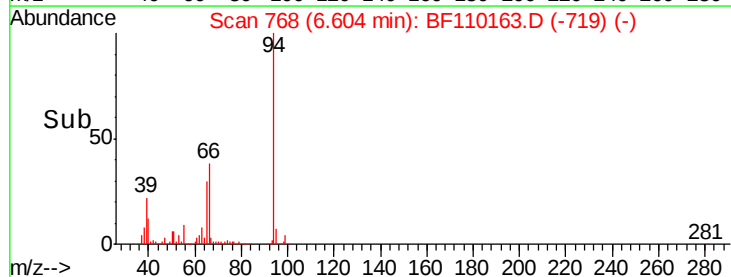
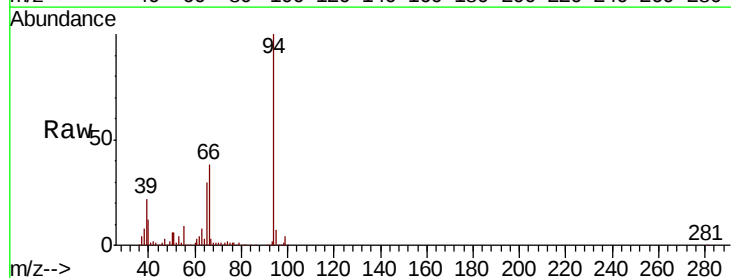
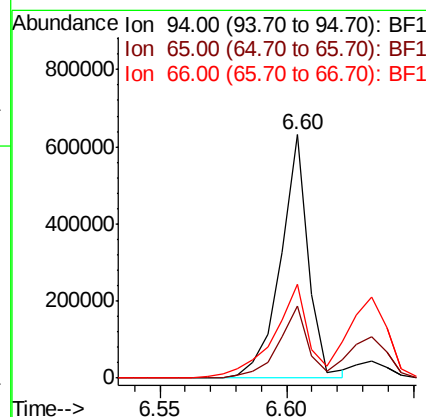
RT: 6.60 min Scan# 768

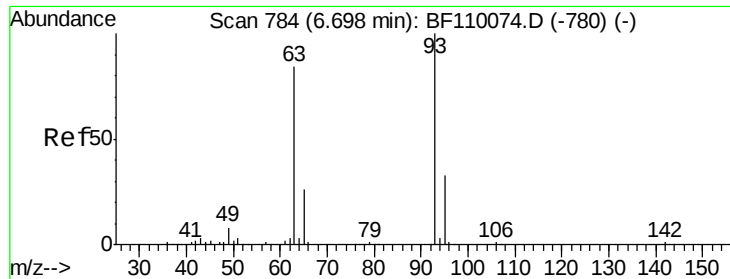
Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Tgt Ion:	94	Resp:	485284
Ion	Ratio	Lower	Upper
94	100		
65	29.8	25.3	65.3
66	38.4	54.5	94.5#





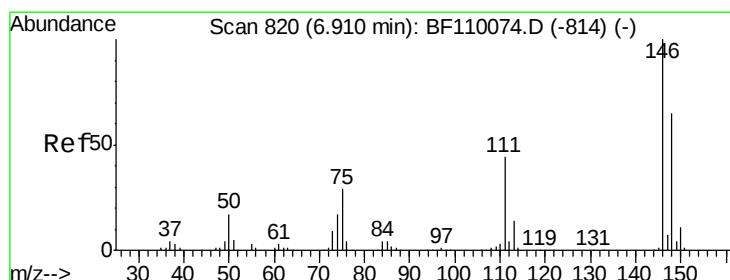
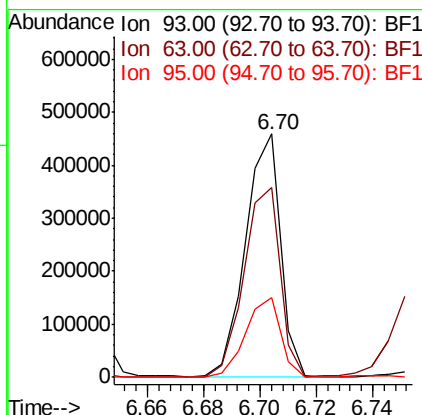
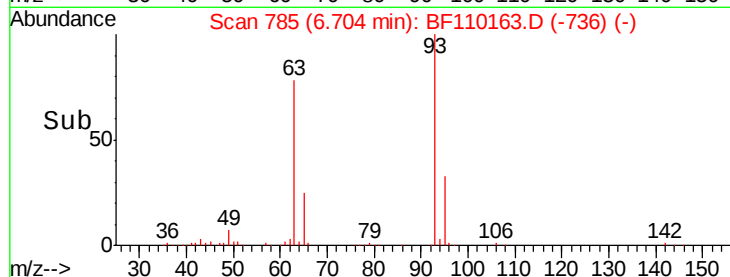
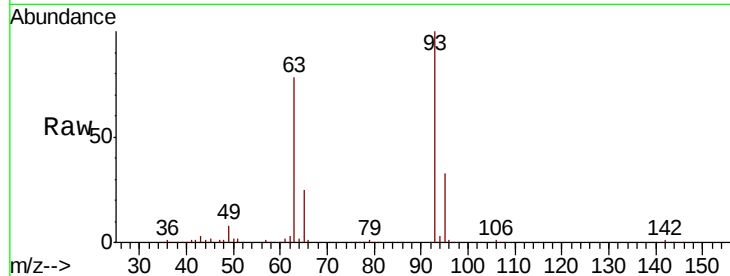
#11
bis(2-Chloroethyl)ether
Concen: 38.552 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	394902
Ion Ratio	Lower	Upper	
93	100		
63	77.8	53.4	93.4
95	32.8	12.1	52.1

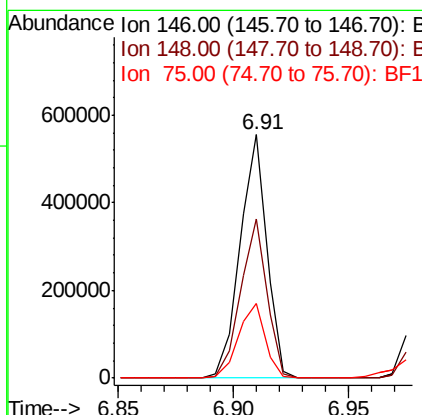
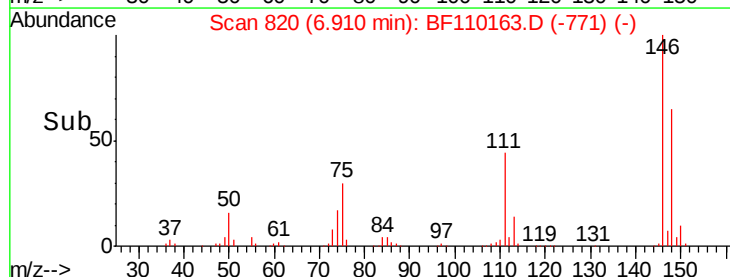
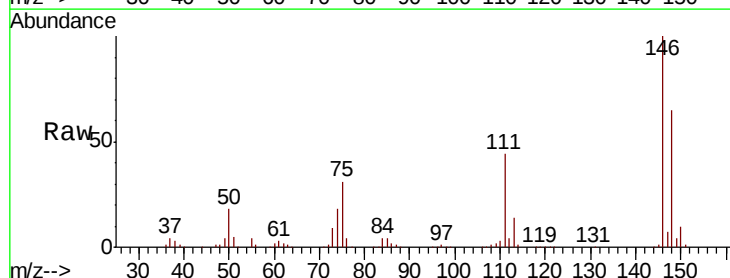
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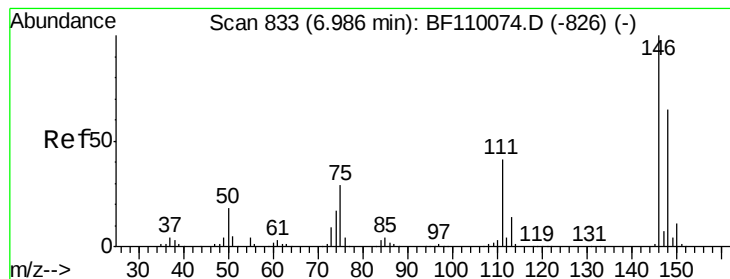
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#12
1,3-Dichlorobenzene
Concen: 38.877 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Tgt Ion:	146	Resp:	449182
Ion Ratio	Lower	Upper	
146	100		
148	65.5	50.4	75.6
75	30.7	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 39.219 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

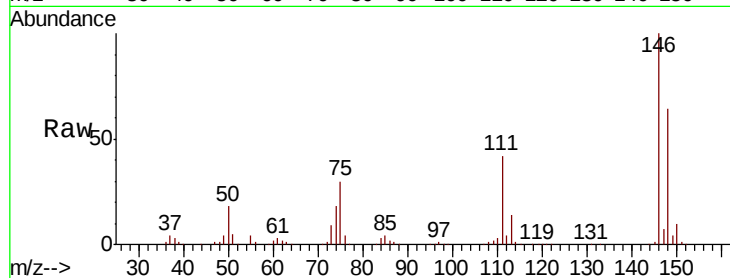
ClientSampleId :

SSTDCCC040

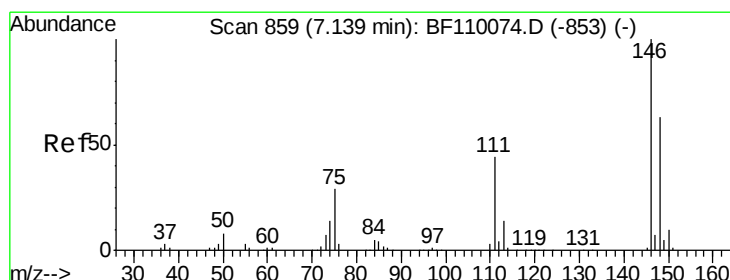
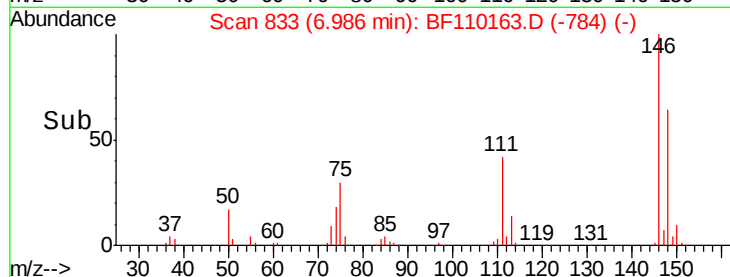
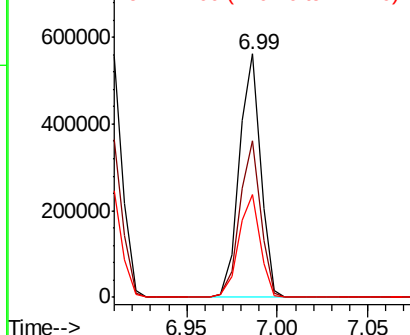
Tot Ion:	146	Resp:	458279
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.3	75.5
111	42.1	32.7	49.1

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.100 ng

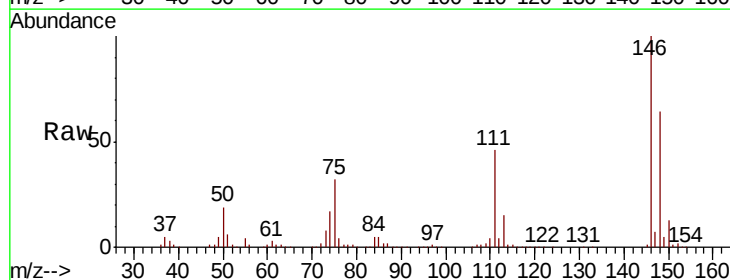
RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

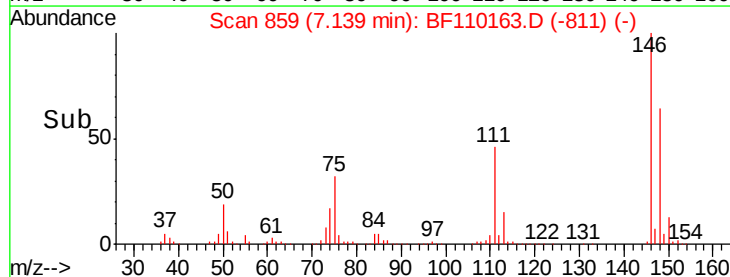
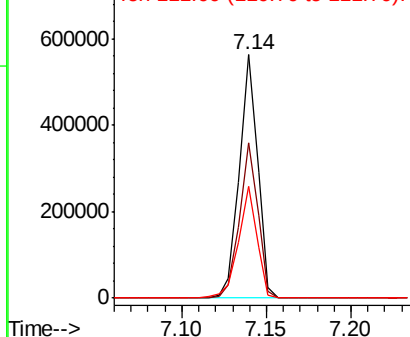
Lab File: BF110163.D

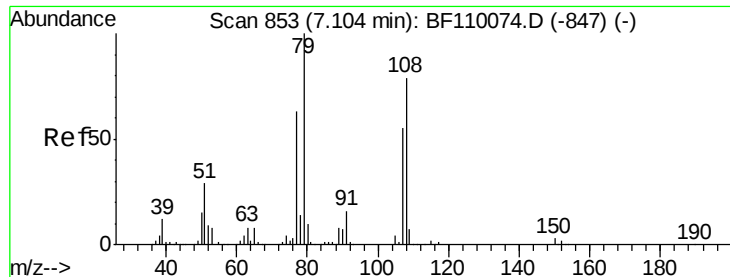
Acq: 25 Oct 2018 16:27

Tgt Ion:	146	Resp:	424136
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.1	76.7
111	46.1	35.8	53.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.437 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

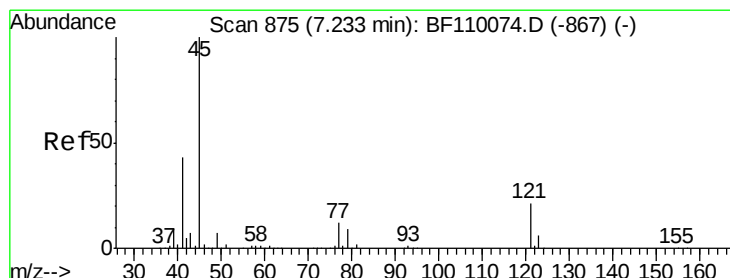
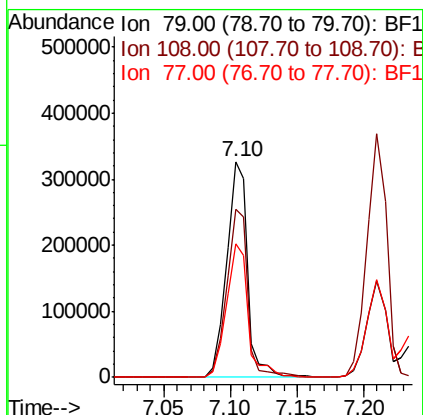
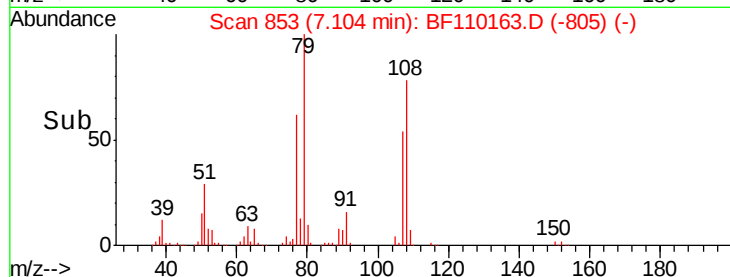
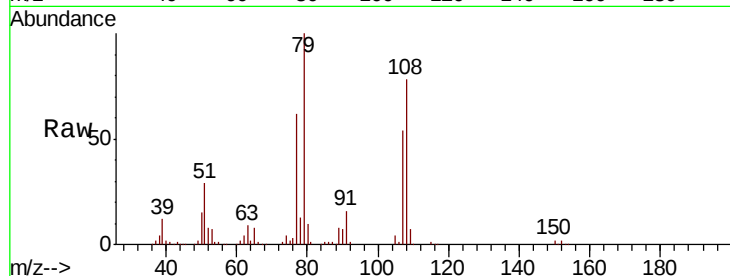
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	362251
Ion Ratio	Lower	Upper	
79	100		
108	77.9	56.3	84.5
77	61.9	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.092 ng

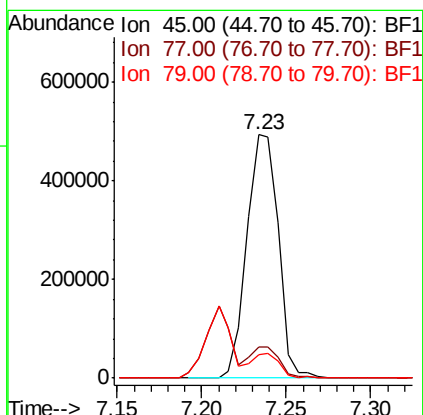
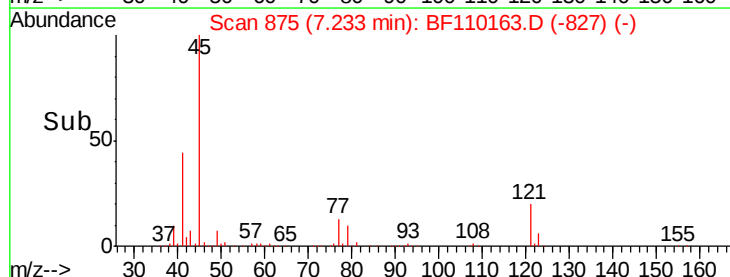
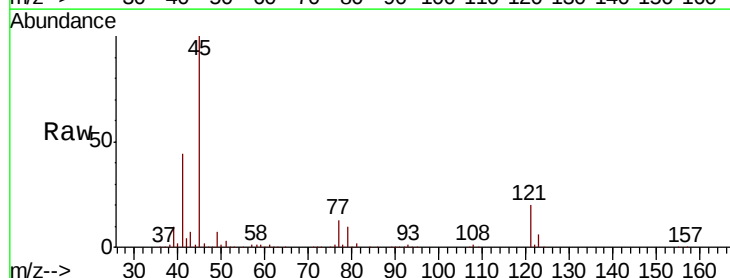
RT: 7.23 min Scan# 875

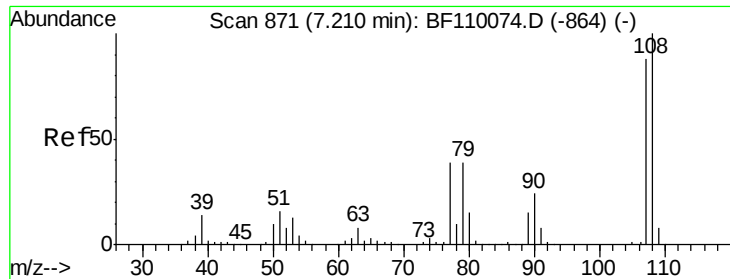
Delta R.T. -0.02 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Tgt Ion:	45	Resp:	640242
Ion Ratio	Lower	Upper	
45	100		
77	12.7	10.0	50.0
79	9.6	6.1	46.1





#17

2-Methylphenol

Concen: 39.317 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 328973
Ion Ratio Lower Upper

107 100

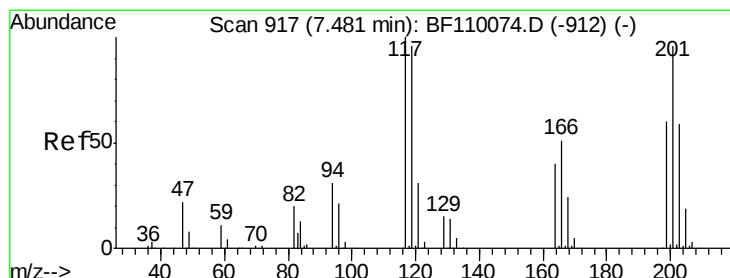
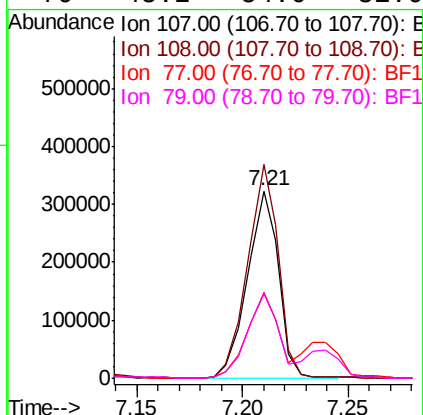
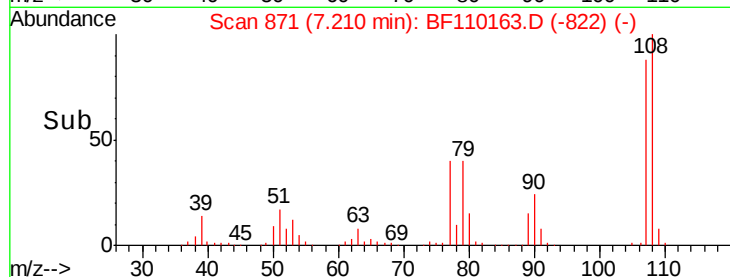
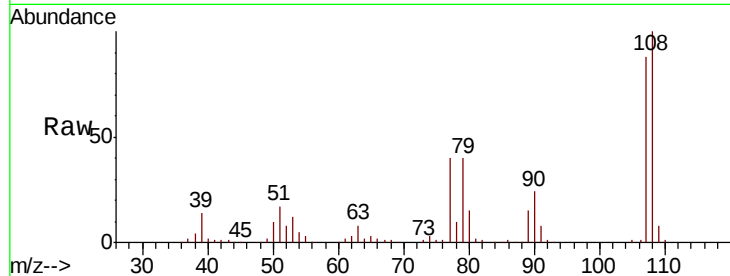
108 114.0 92.6 138.8

77 45.6 59.4 89.2#

79 45.2 54.0 81.0#

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#18

Hexachloroethane

Concen: 39.518 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF110163.D

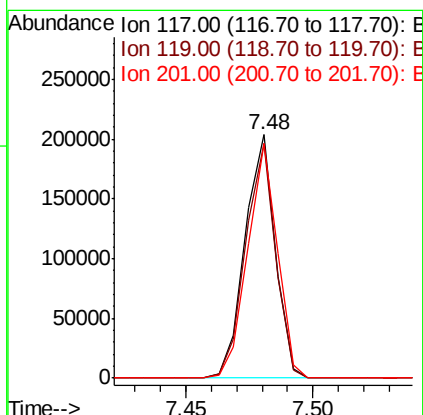
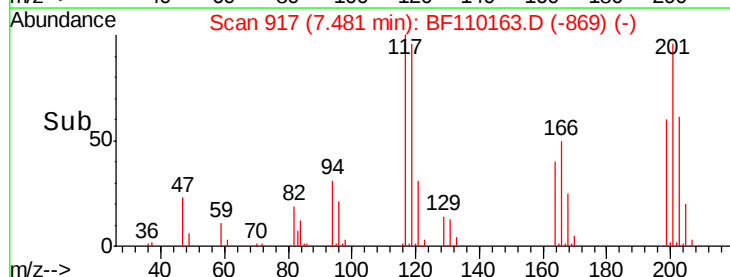
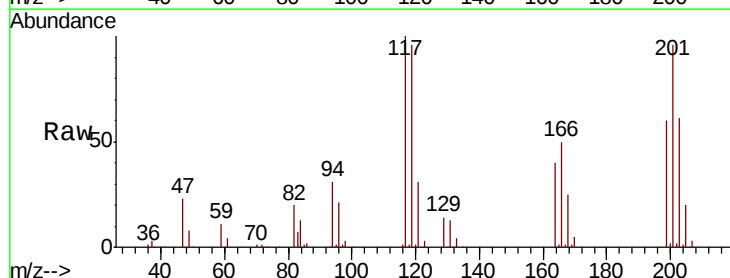
Acq: 25 Oct 2018 16:27

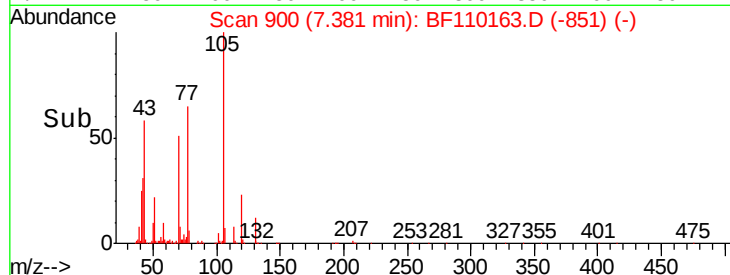
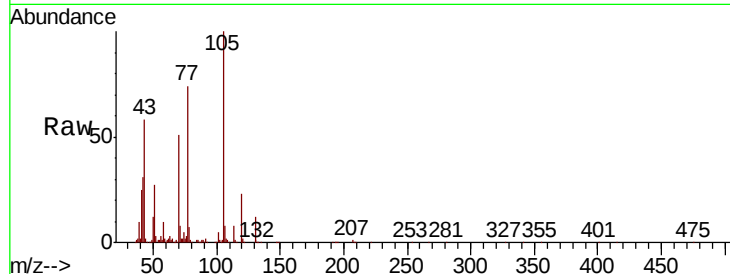
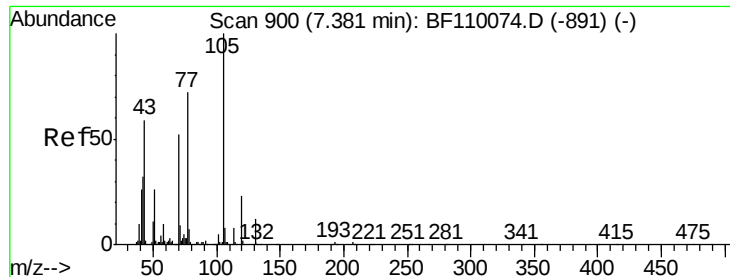
Tgt Ion:117 Resp: 169064
Ion Ratio Lower Upper

117 100

119 96.4 75.0 112.6

201 96.3 79.2 118.8





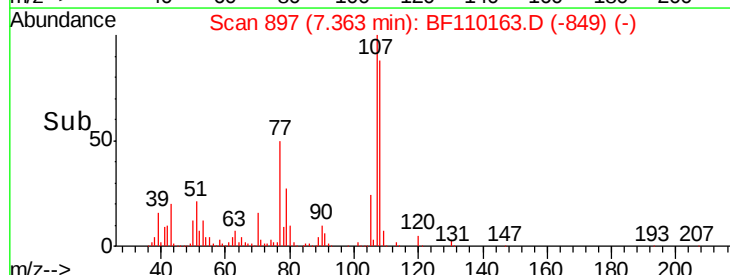
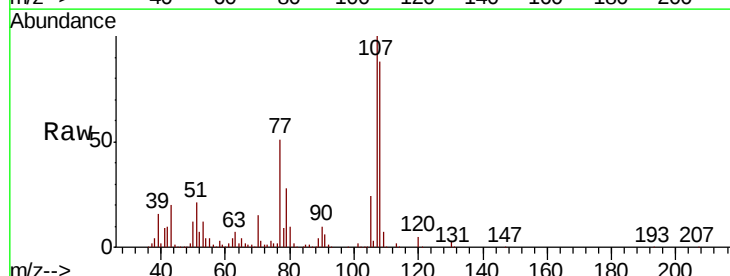
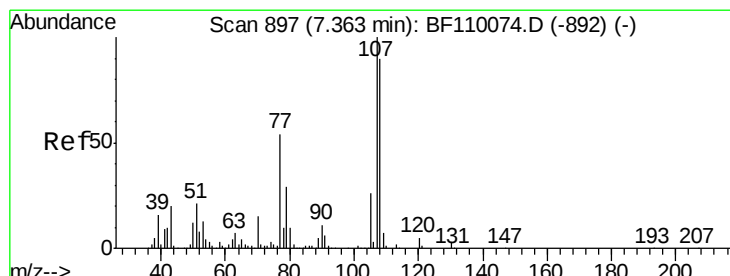
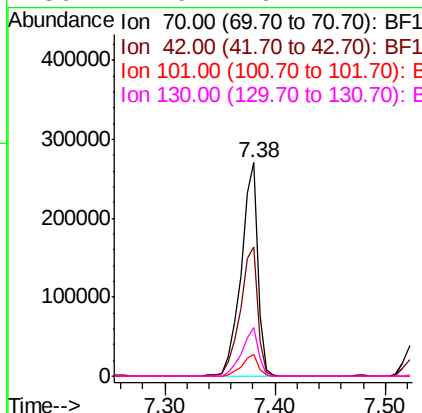
#19
n-Nitroso-di-n-propylamine
Concen: 38.567 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.8	47.4	71.2
101	10.0	7.3	10.9
130	22.9	16.2	24.2

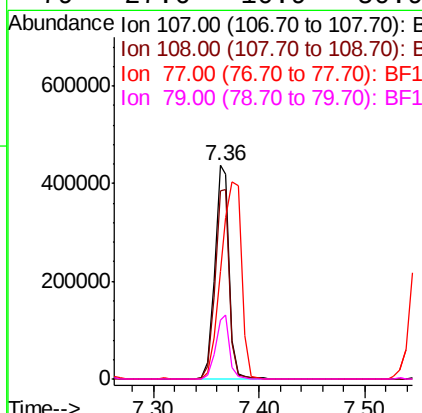
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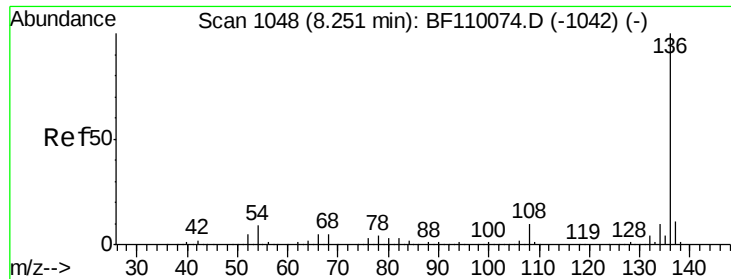
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#20
3+4-Methylphenols
Concen: 39.146 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.1	71.4	111.4
77	50.5	47.3	87.3
79	27.6	10.9	50.9





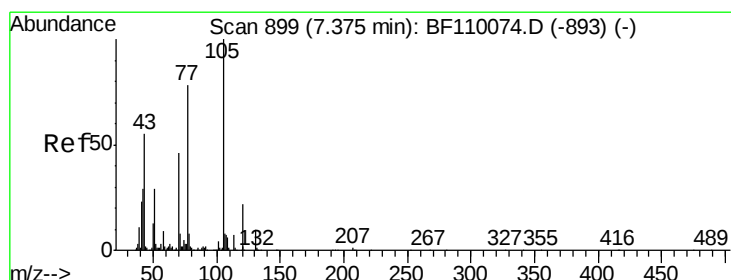
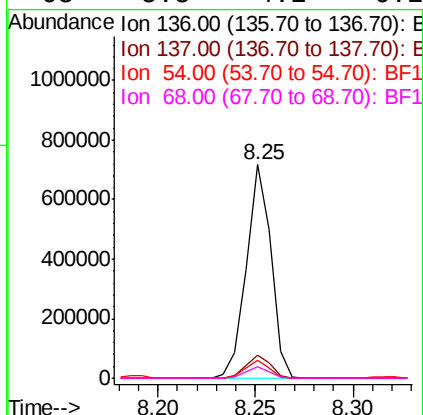
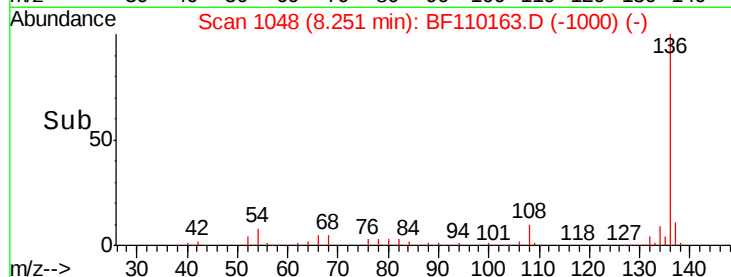
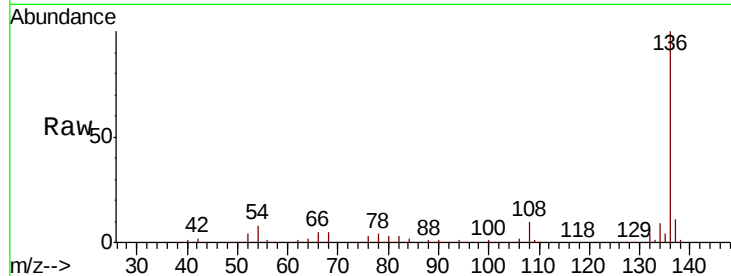
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	627701		
137	11.0	8.8	13.2	
54	8.4	5.4	8.2#	
68	5.5	4.2	6.2	

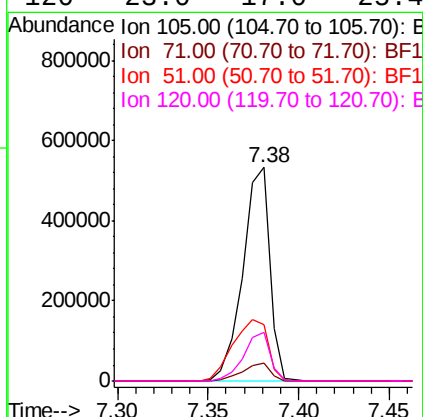
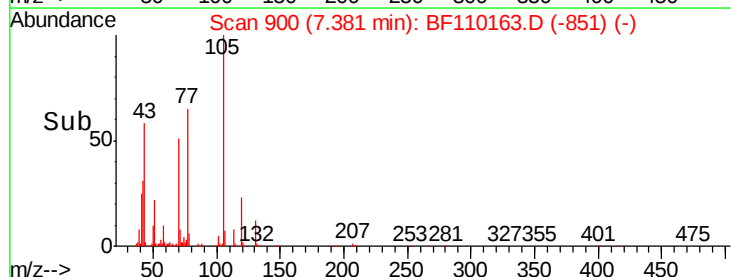
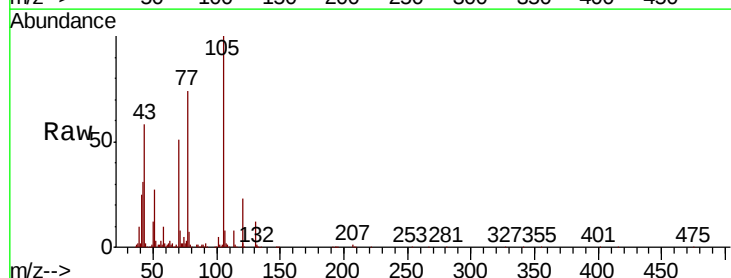
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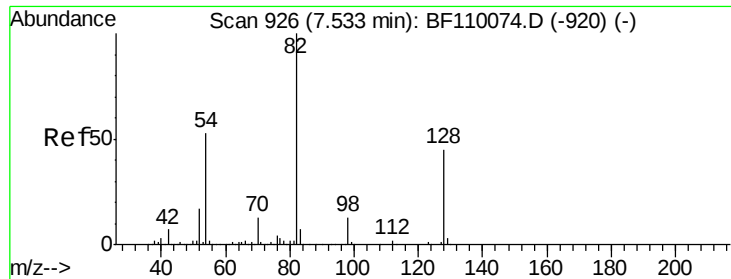
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#22
Acetophenone
Concen: 38.150 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	551791		
71	8.4	5.2	7.8#	
51	26.6	21.8	32.8	
120	23.0	17.0	25.4	





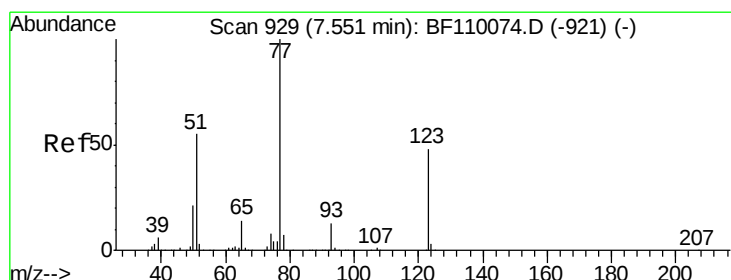
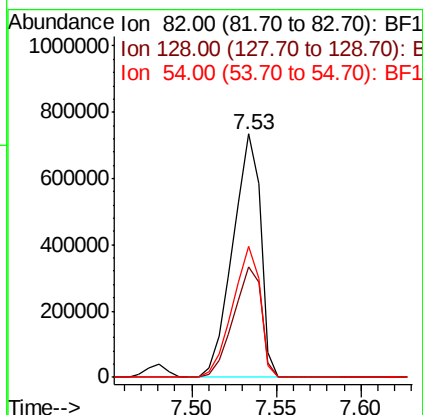
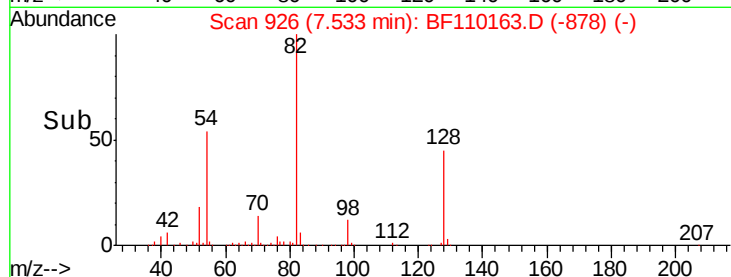
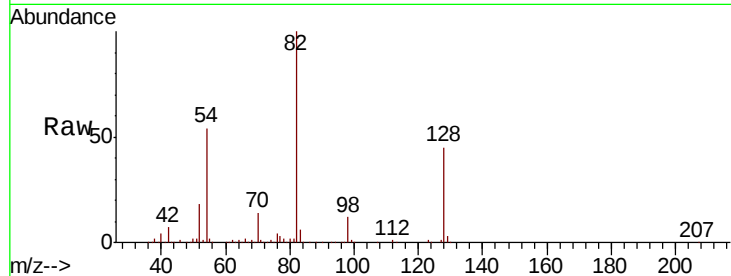
#23
Nitrobenzene-d5
Concen: 79.459 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.2	34.2	51.2	
54	53.8	38.6	58.0	

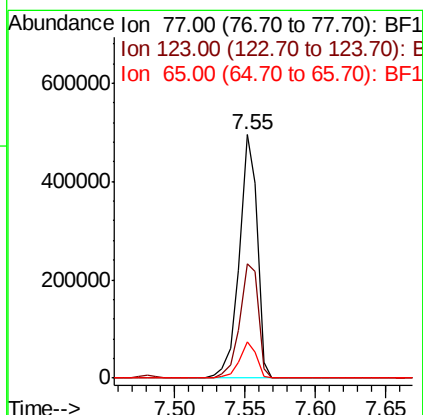
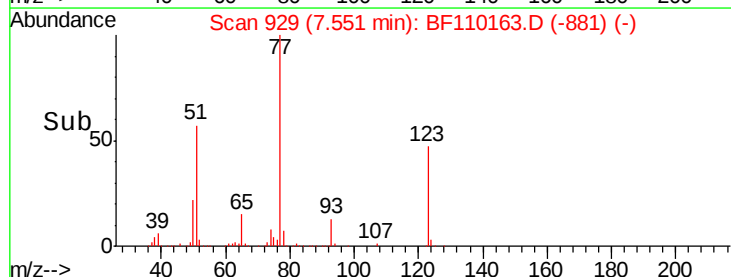
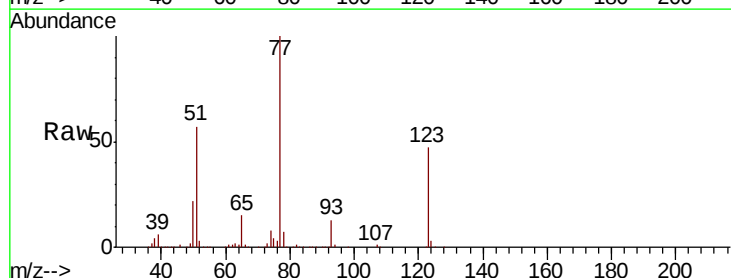
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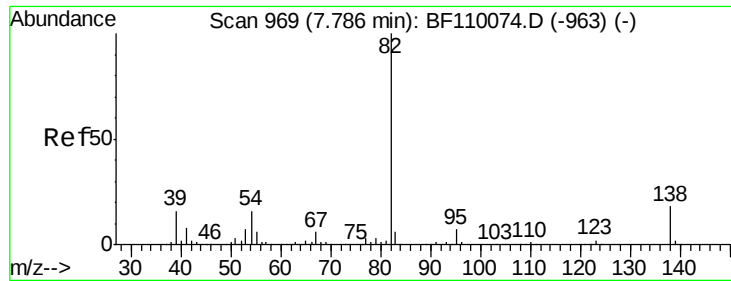
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#24
Nitrobenzene
Concen: 39.802 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.02 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.8	35.7	53.5	
65	14.6	10.7	16.1	





#25

Isophorone

Concen: 38.225 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

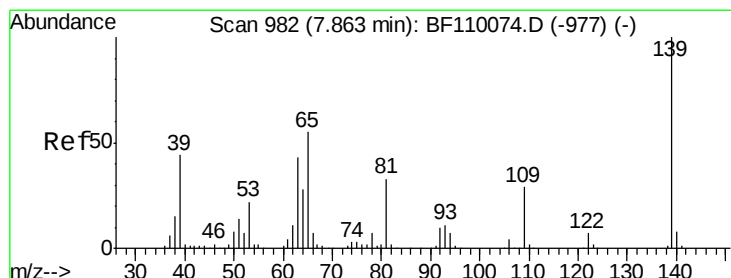
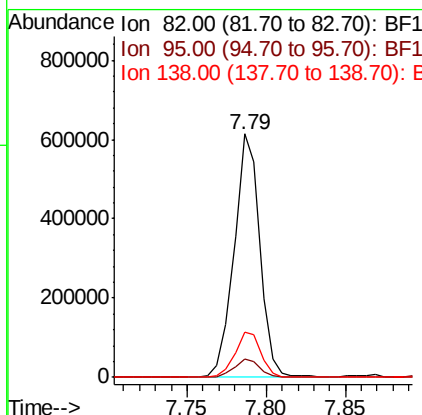
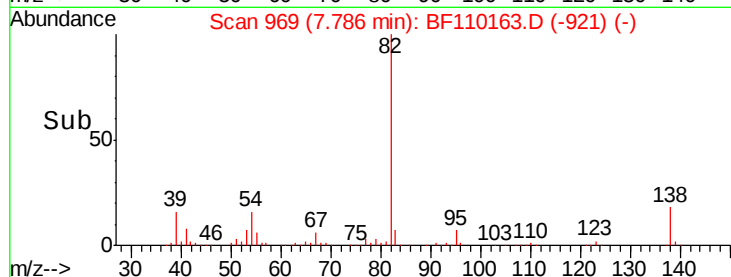
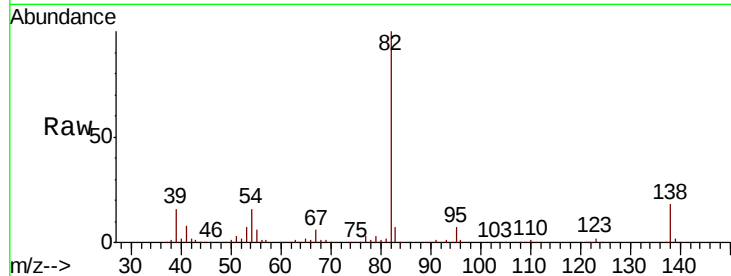
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	689564
Ion Ratio		Lower	Upper
82	100		
95	7.4	5.7	8.5
138	18.3	13.2	19.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.338 ng

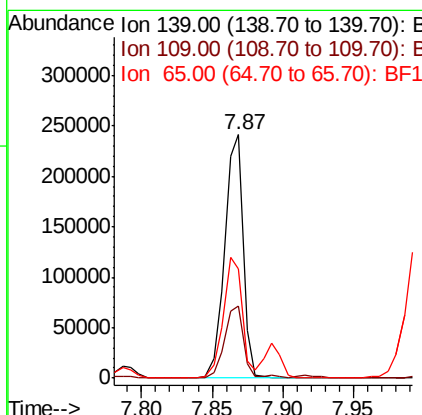
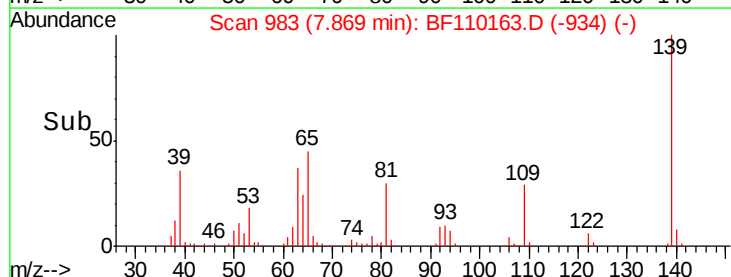
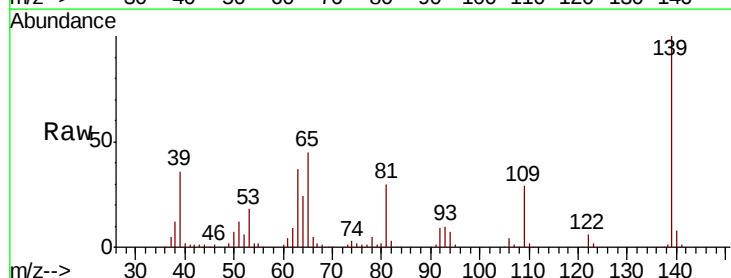
RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Tgt Ion:	139	Resp:	220130
Ion Ratio		Lower	Upper
139	100		
109	29.4	25.0	37.6
65	44.9	44.0	66.0





#27

2,4-Dimethylphenol

Concen: 38.949 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.02 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

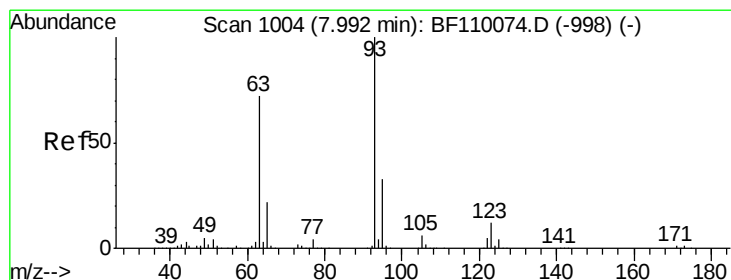
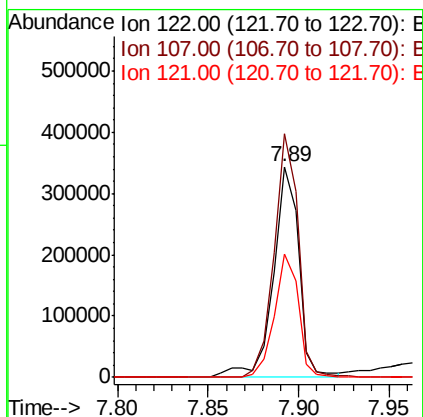
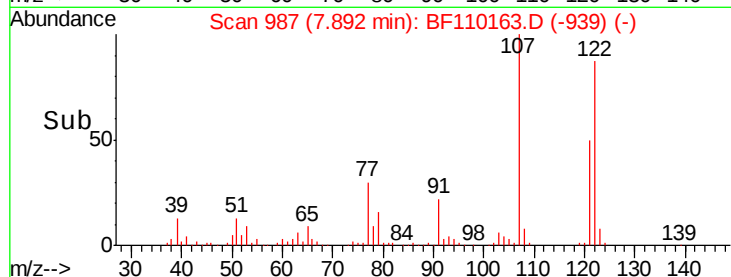
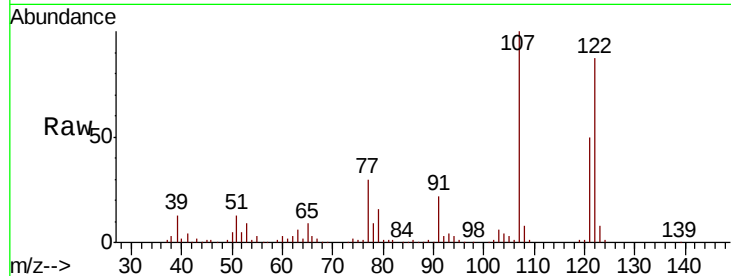
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	335746
Ion Ratio	Lower	Upper	
122	100		
107	115.5	92.5	138.7
121	58.2	45.8	68.8

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#28

bis(2-Chloroethoxy)methane

Concen: 38.428 ng

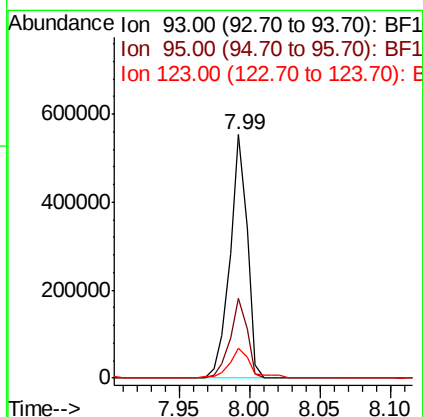
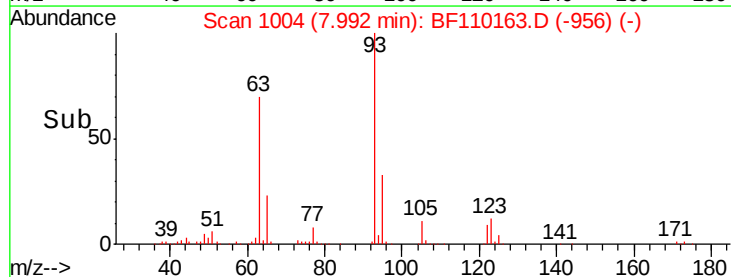
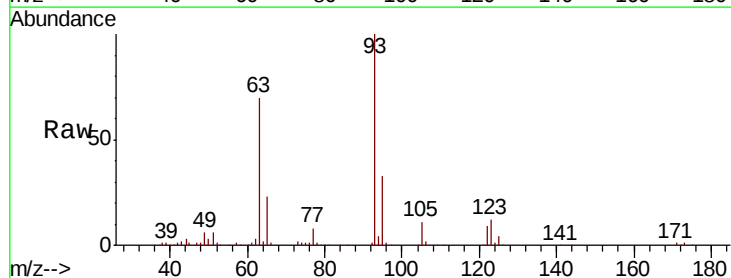
RT: 7.99 min Scan# 1004

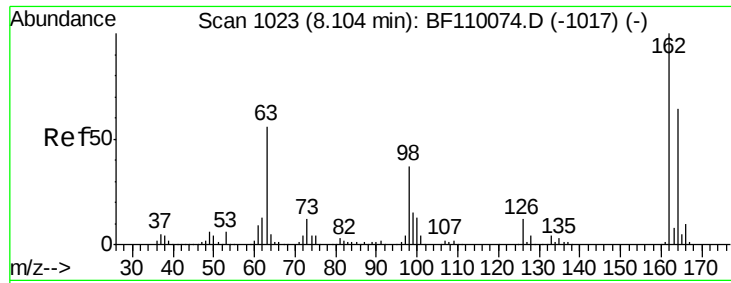
Delta R.T. -0.02 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Tgt Ion:	93	Resp:	470937
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.4	39.6
123	12.2	9.0	13.6





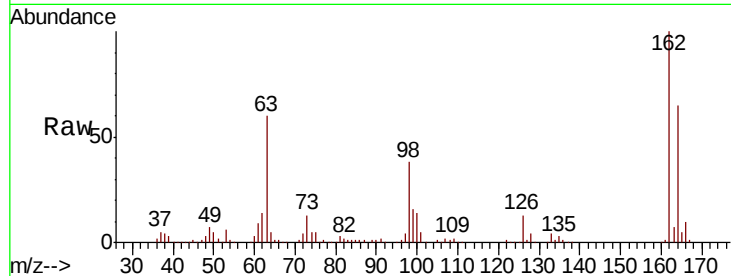
#29
2,4-Dichlorophenol
Concen: 39.143 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	340889		
164	65.4		44.6	84.6
98	38.4		17.4	57.4

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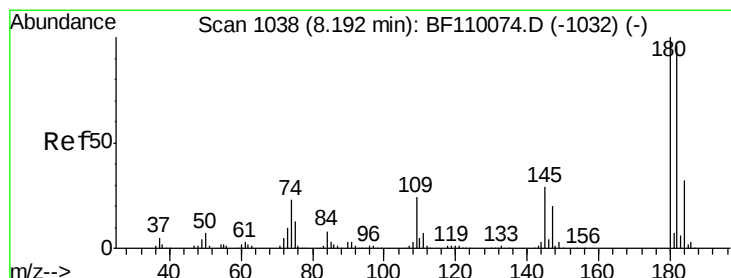
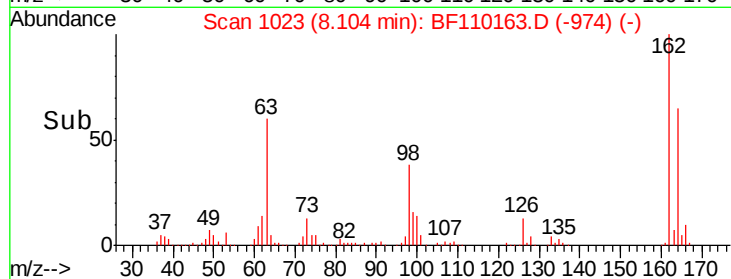
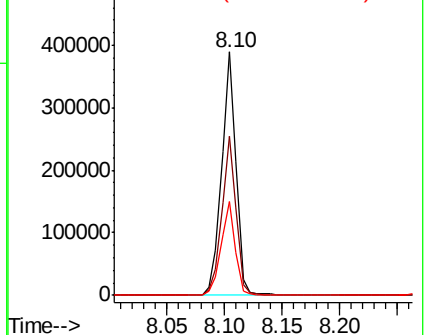


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 39.565 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

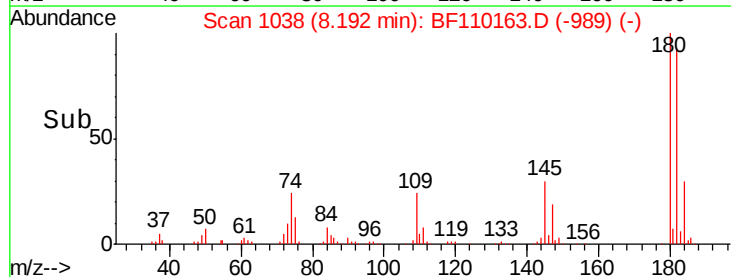
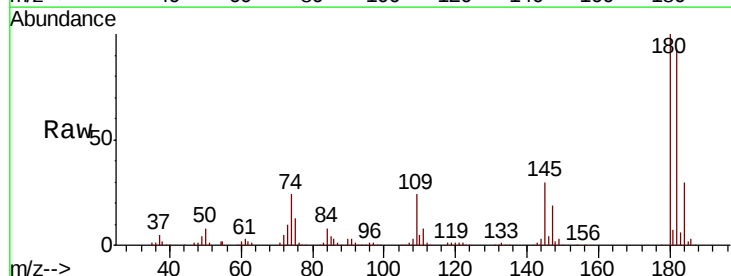
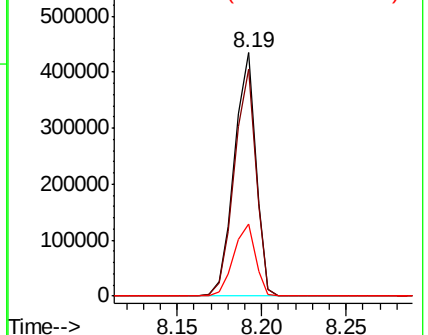
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	385954		
182	93.2		80.3	120.5
145	29.9		25.4	38.0

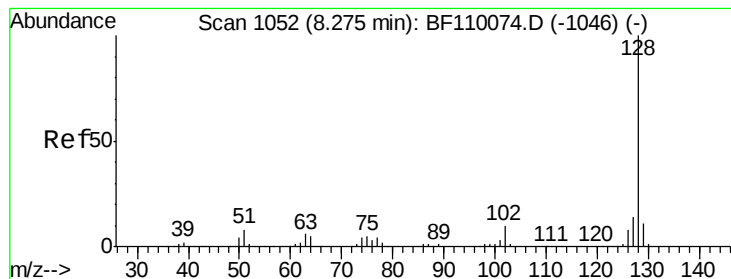
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.772 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1121673

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

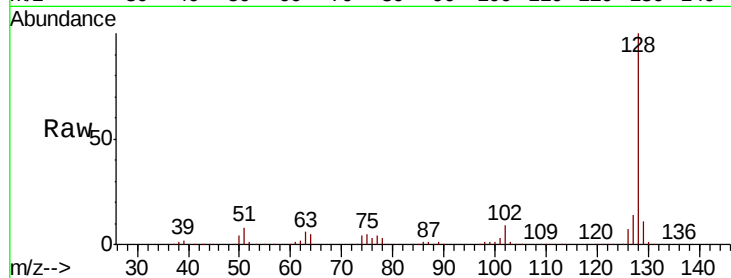
127 13.6 10.8 16.2

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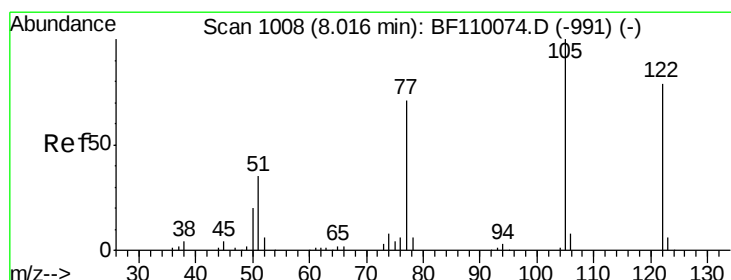
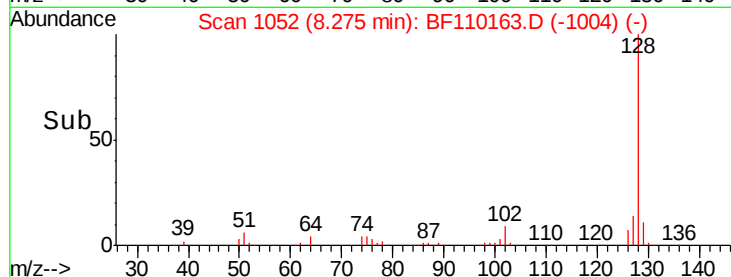
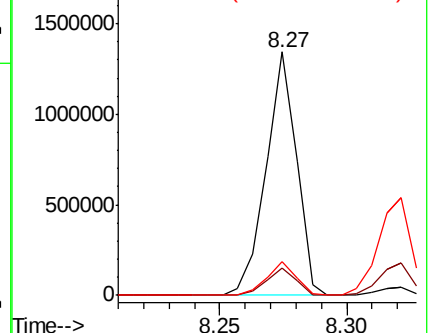
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.142 ng m

RT: 8.02 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

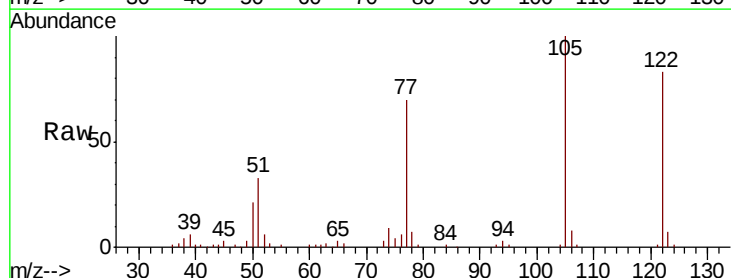
Tgt Ion:122 Resp: 267446

Ion Ratio Lower Upper

122 100

105 119.9 109.0 149.0

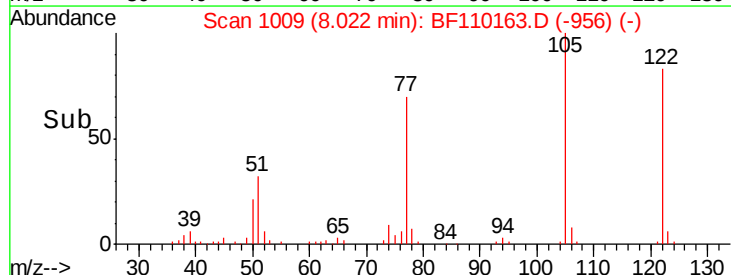
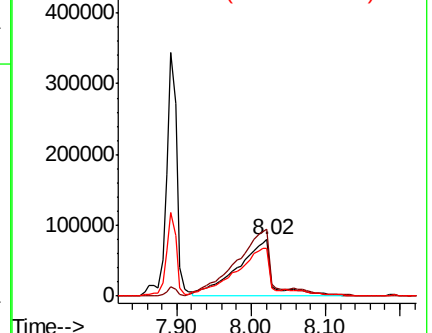
77 83.9 79.0 119.0



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





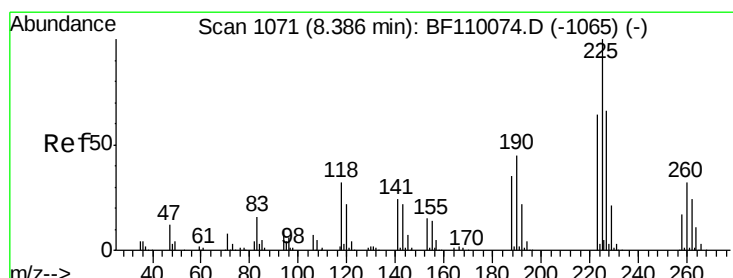
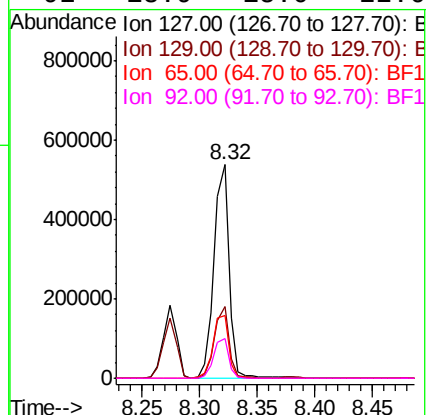
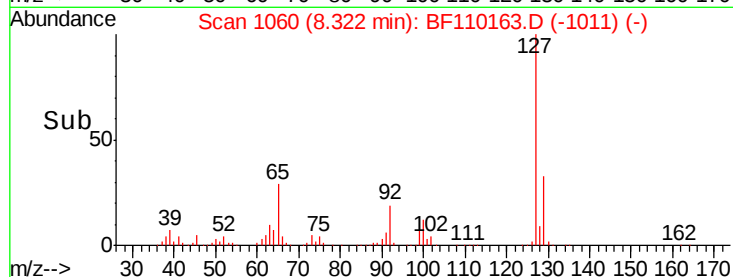
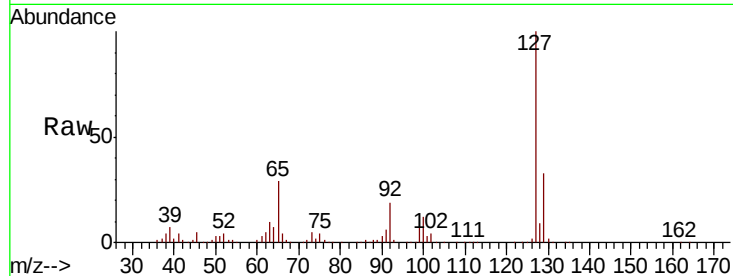
#33
4-Chloroaniline
Concen: 38.094 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.3	26.0	39.0		
65	29.3	25.1	37.7		
92	18.9	15.0	22.6		

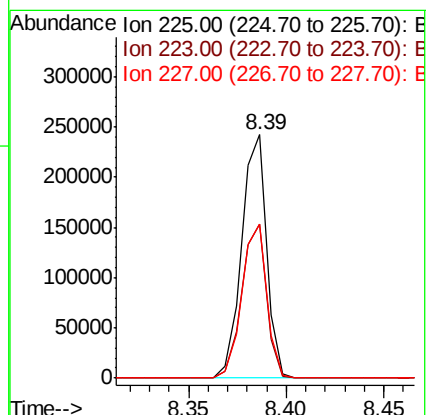
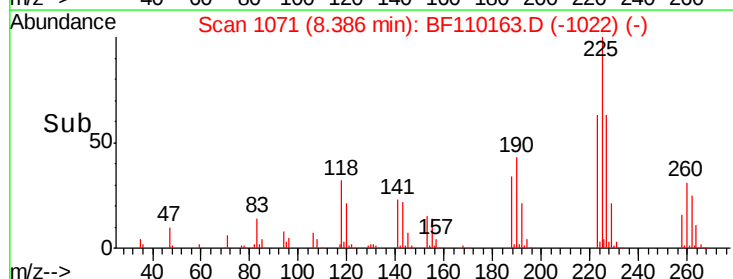
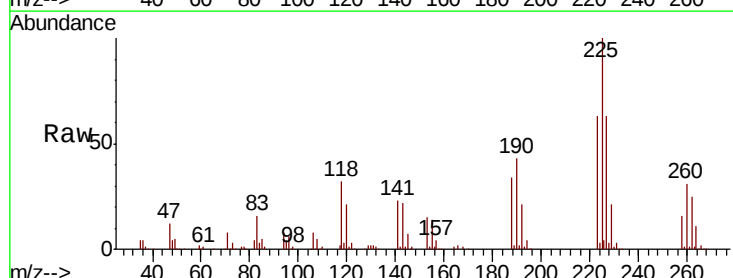
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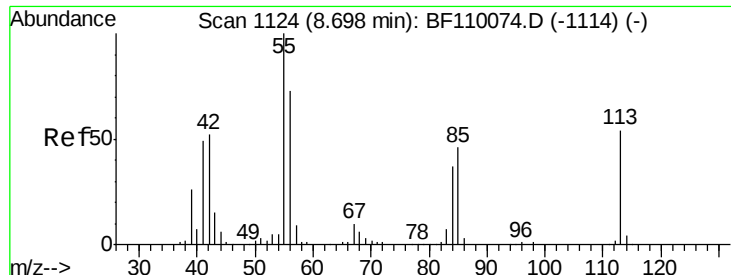
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#34
Hexachlorobutadiene
Concen: 39.659 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	51.4	77.2		
227	63.3	51.0	76.6		





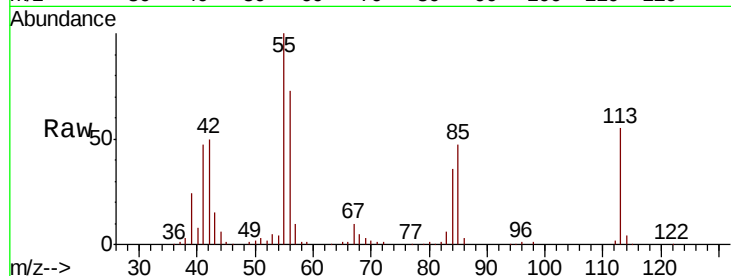
#35
 Caprolactam
 Concen: 38.041 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF110163.D
 Acq: 25 Oct 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

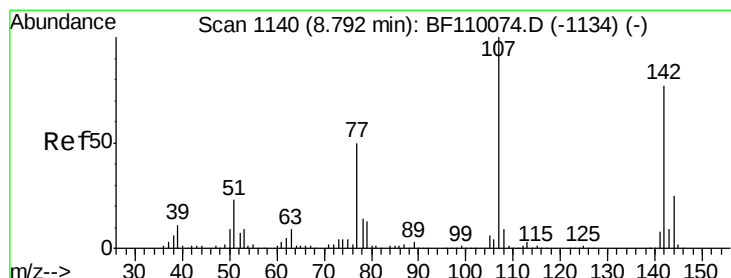
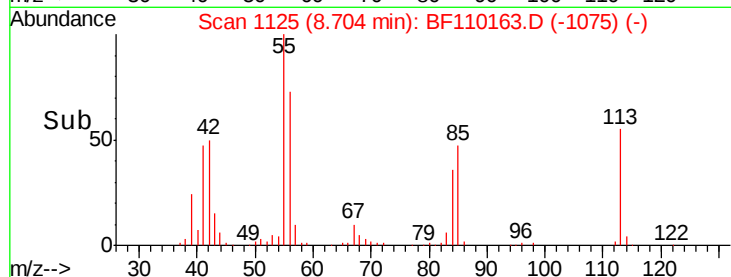
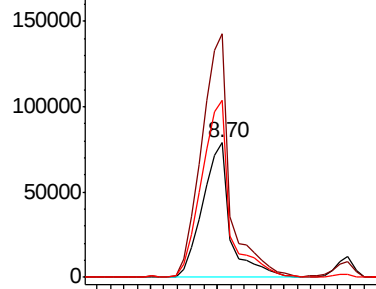
Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	180.7		142.8	182.8	
56	131.3		105.0	145.0	

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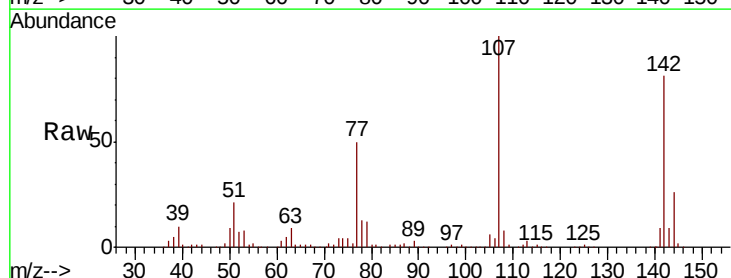


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

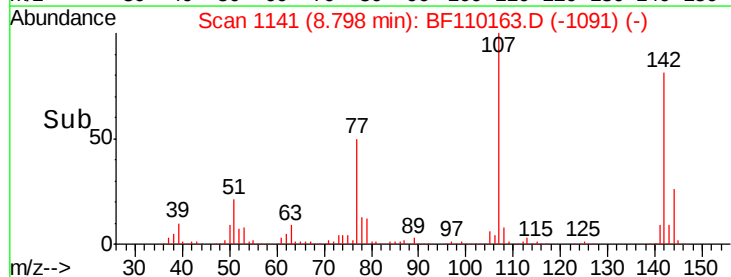
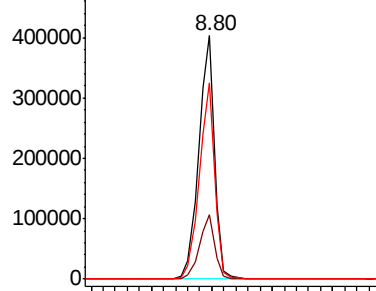


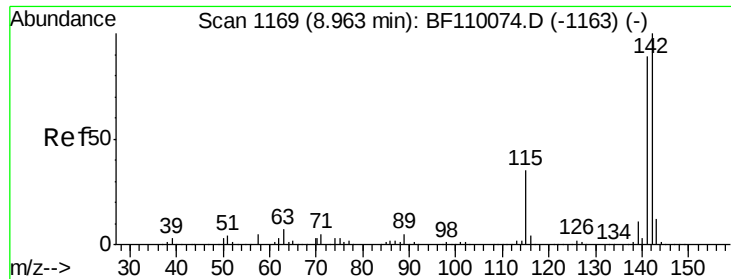
#36
 4-Chloro-3-methylphenol
 Concen: 38.572 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF110163.D
 Acq: 25 Oct 2018 16:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.2		20.0	30.0	
142	80.6		59.7	89.5	



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





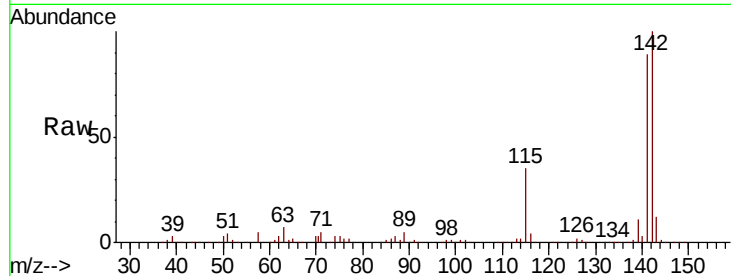
#37
2-Methylnaphthalene
Concen: 38.284 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.4	107.2
115	34.9	28.7	43.1

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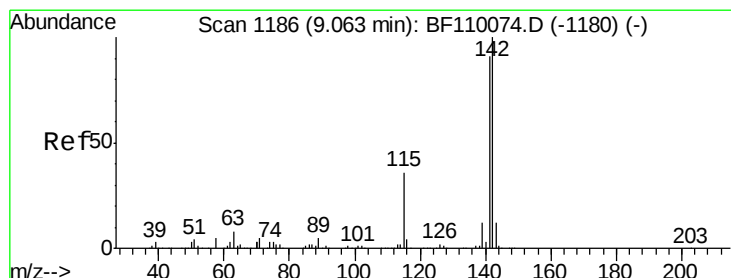
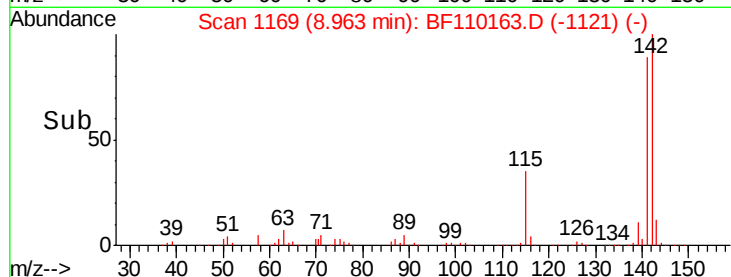
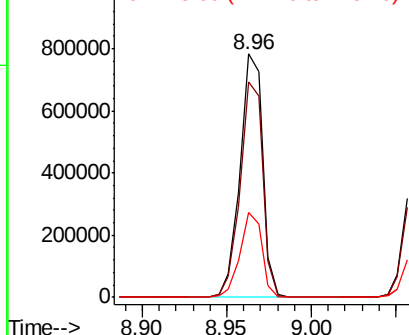


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 38.094 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

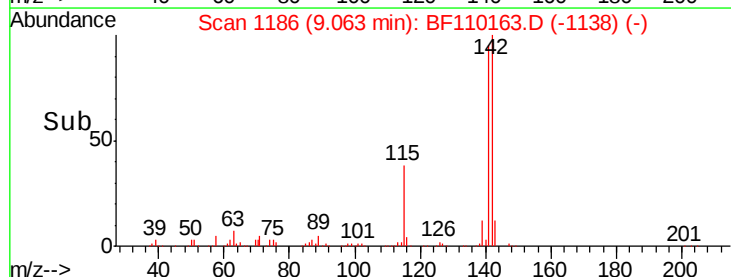
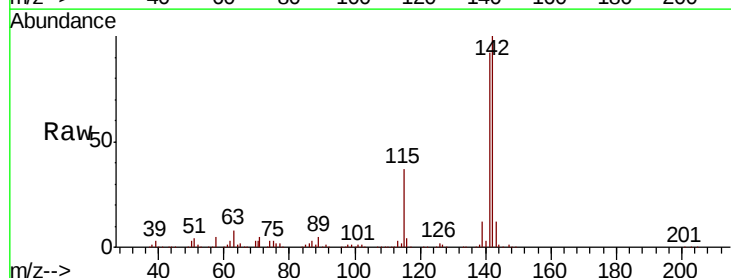
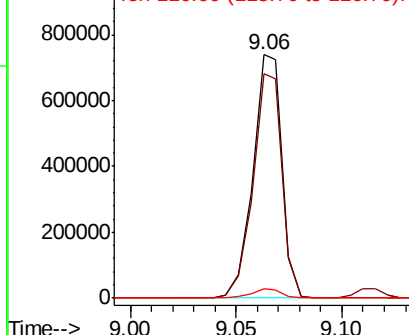
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.2	111.4
116	3.9	2.6	4.0

Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





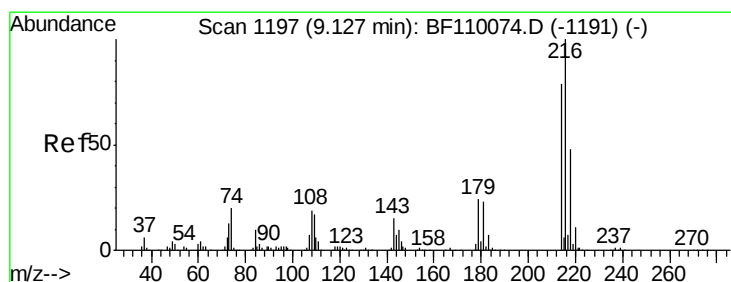
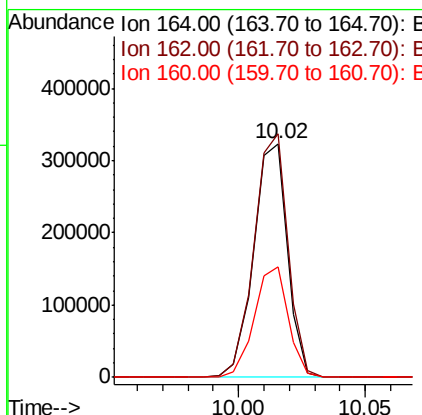
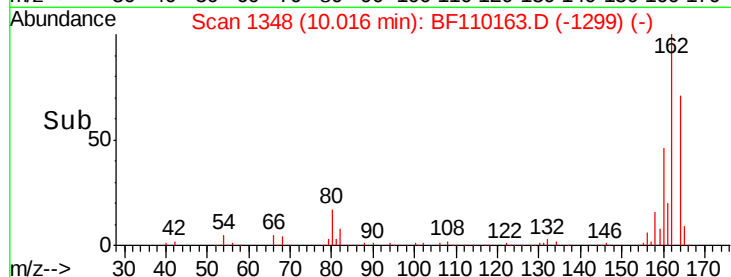
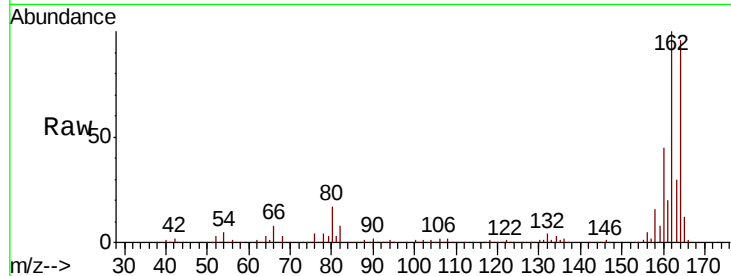
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.0	124.6
160	47.2	37.0	55.6

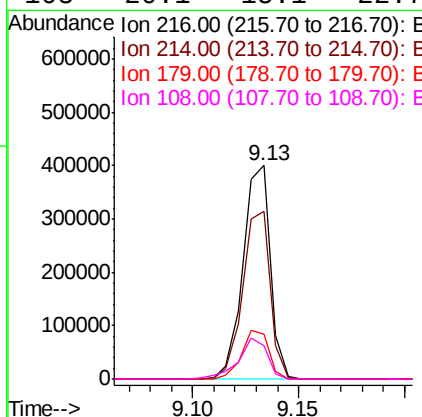
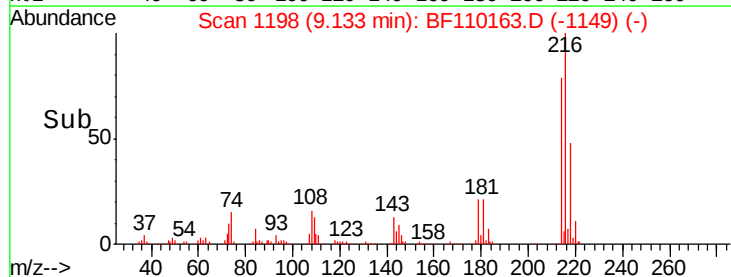
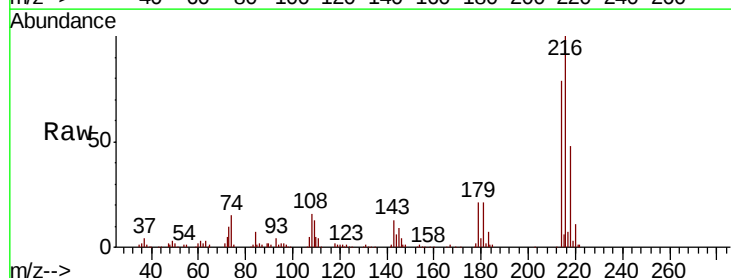
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.250 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.8	95.6
179	22.8	16.6	25.0
108	20.1	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 38.859 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

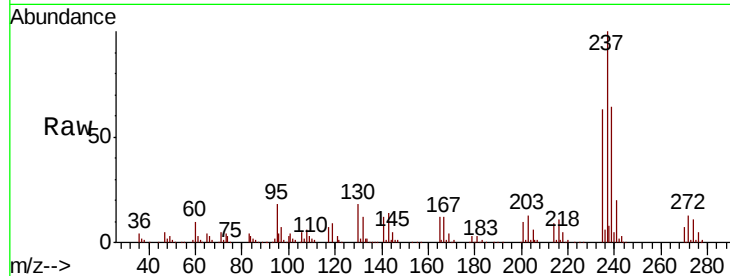
ClientSampleId :

SSTDCCC040

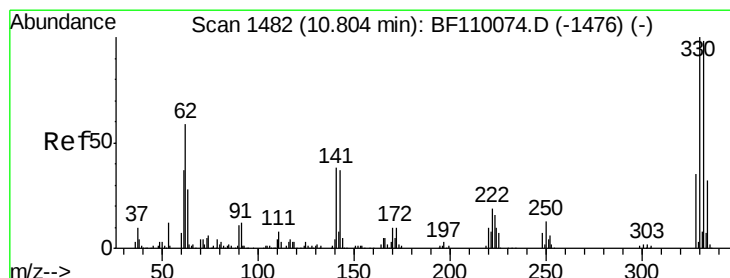
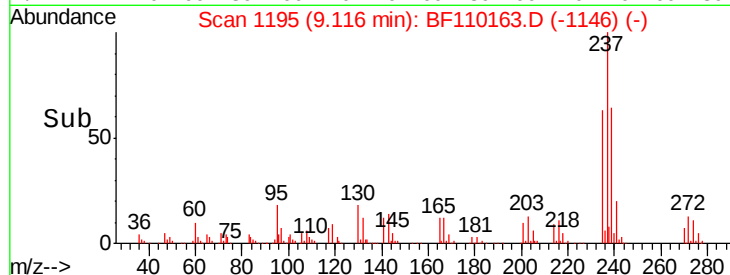
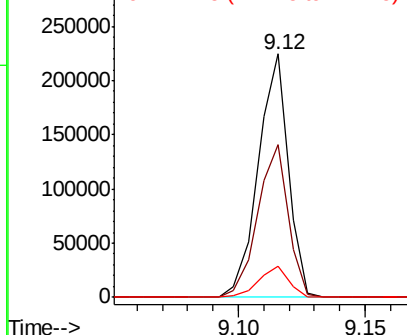
Tot Ion:	237	Resp:	186700
Ion Ratio	Lower	Upper	
237	100		
235	62.8	43.1	83.1
272	12.6	0.0	32.6

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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: 77.223 ng

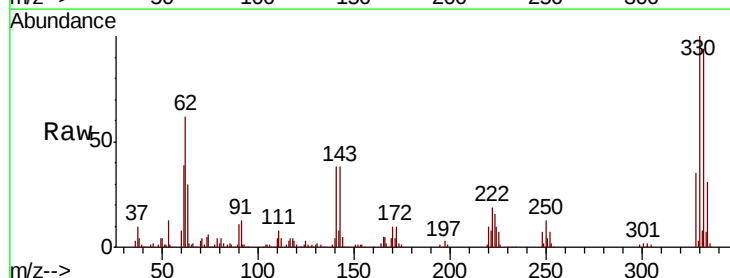
RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

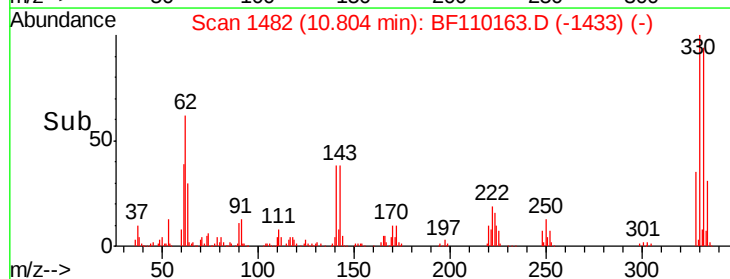
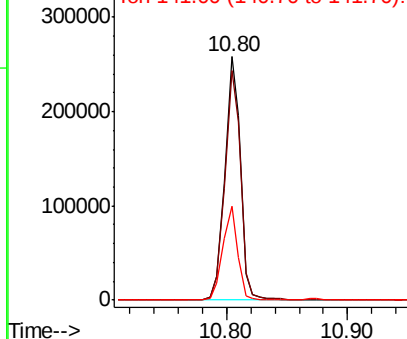
Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Tgt Ion:	330	Resp:	230678
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.1	115.7
141	36.8	27.0	40.4



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





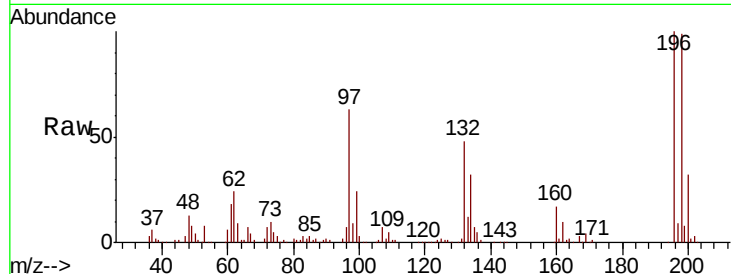
#43
 2,4,6-Trichlorophenol
 Concen: 39.084 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF110163.D
 Acq: 25 Oct 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

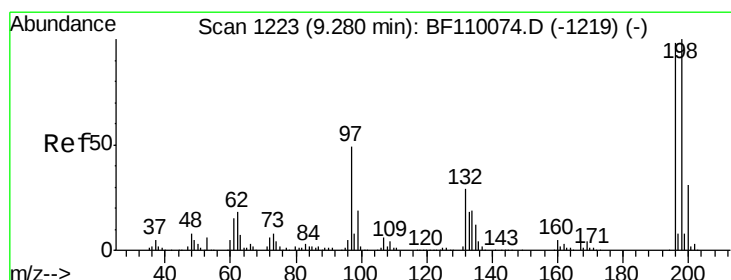
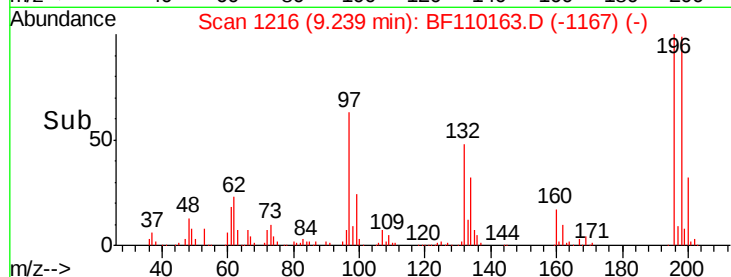
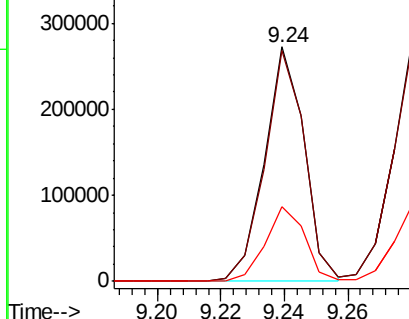
Tot Ion:	196	Resp:	236861
Ion Ratio	Lower	Upper	
196	100		
198	98.5	76.2	114.4
200	31.6	24.4	36.6

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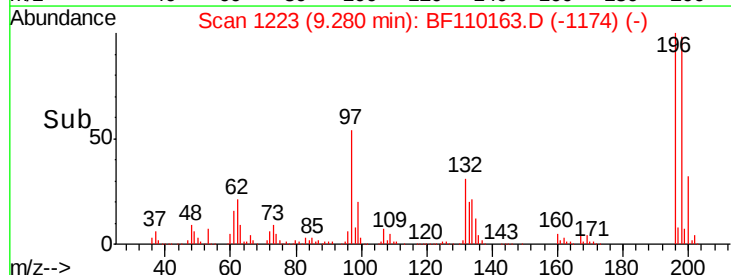
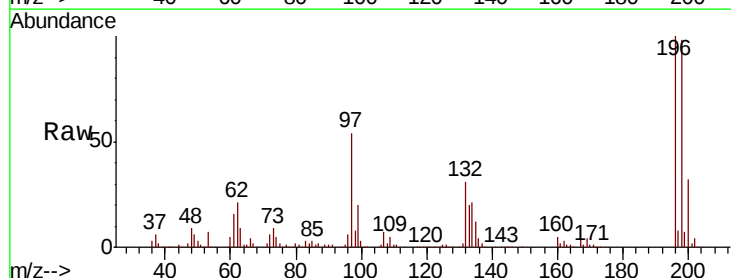
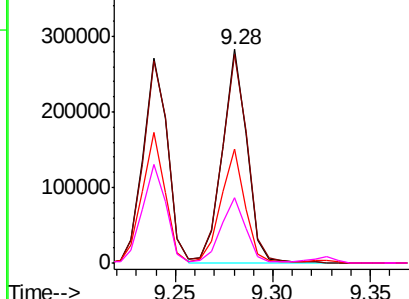
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 38.436 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF110163.D
 Acq: 25 Oct 2018 16:27

Tgt Ion:	196	Resp:	246223
Ion Ratio	Lower	Upper	
196	100		
198	97.8	75.8	113.6
97	53.6	42.4	63.6
132	30.7	22.8	34.2

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





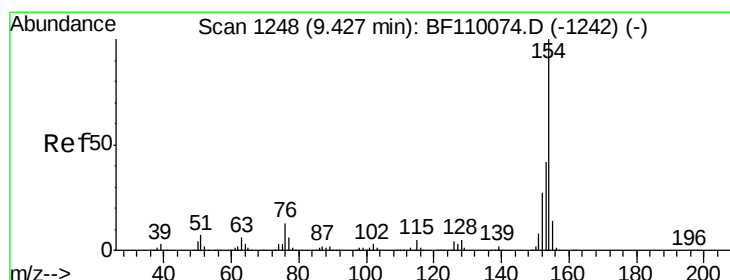
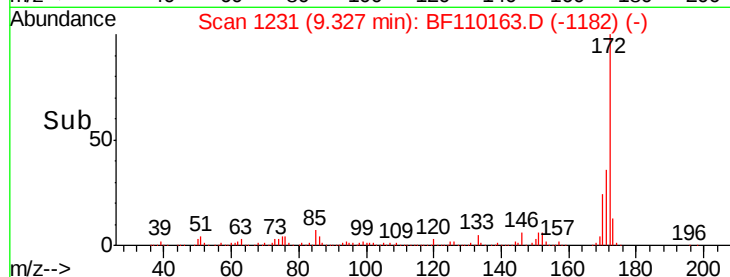
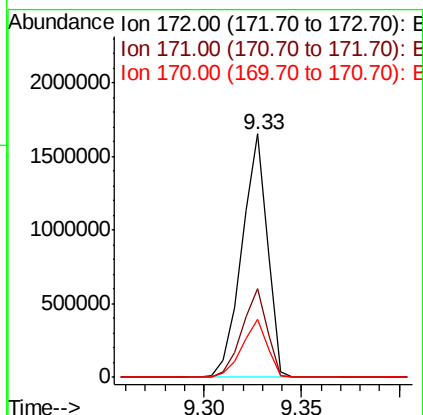
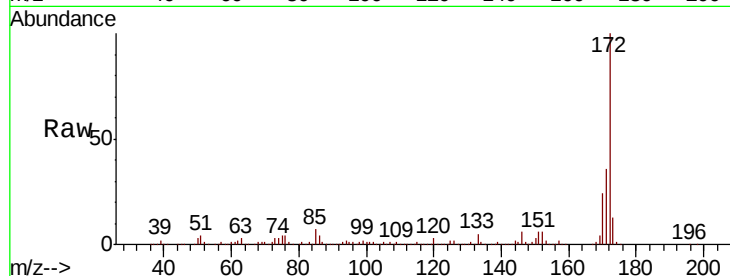
#45
2-Fluorobiphenyl
Concen: 77.853 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	24.0	19.7	29.5

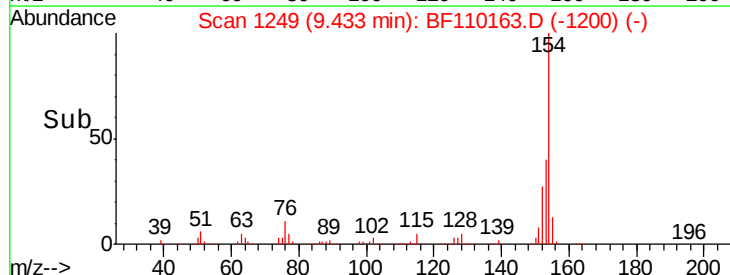
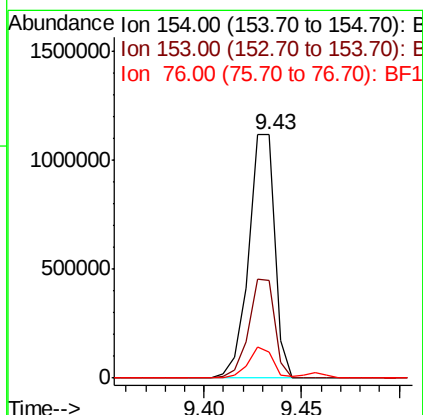
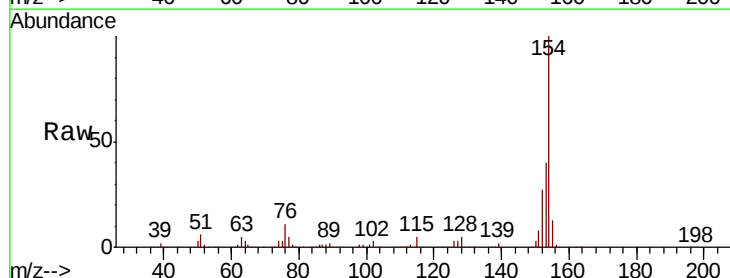
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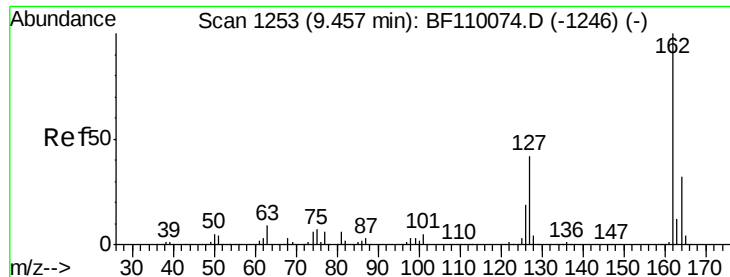
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#46
1,1'-Biphenyl
Concen: 38.081 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.4	60.4
76	10.6	0.0	31.9





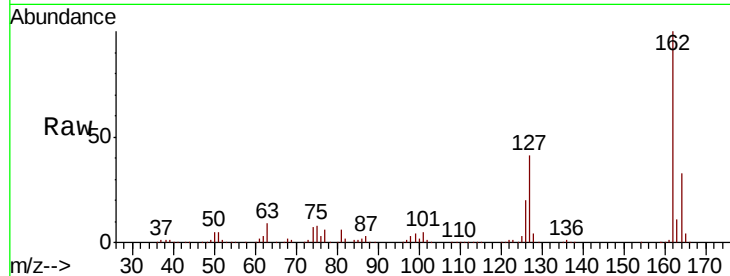
#47
2-Chloronaphthalene
Concen: 38.472 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

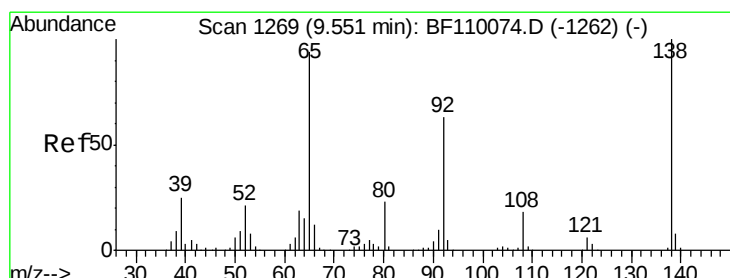
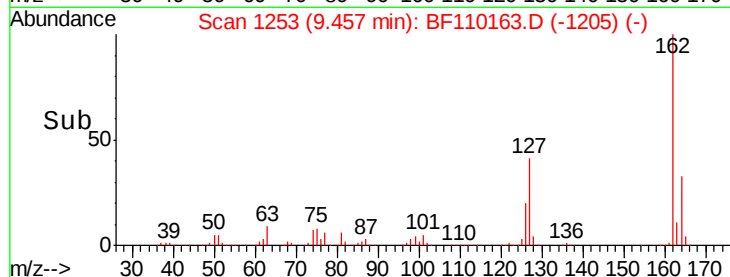
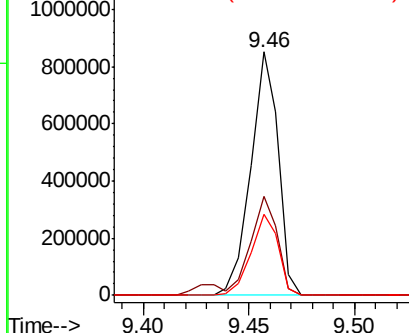
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	32.6	48.8
164	33.2	25.9	38.9

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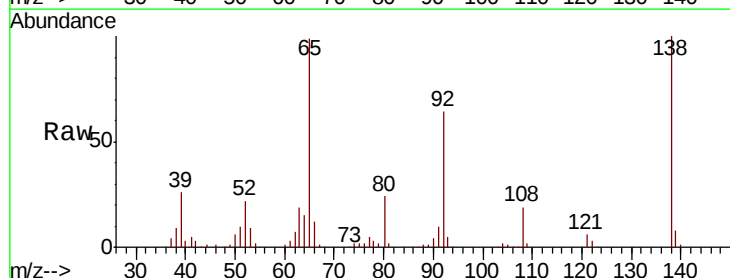


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

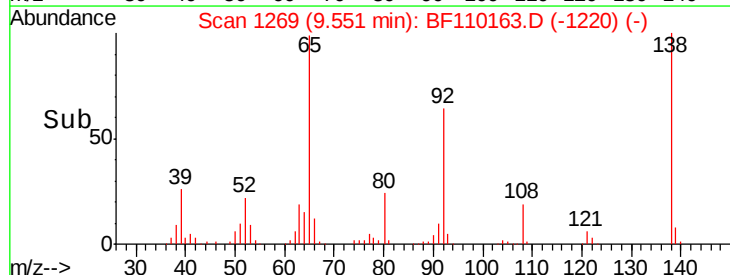
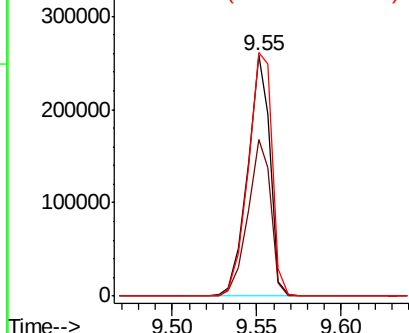


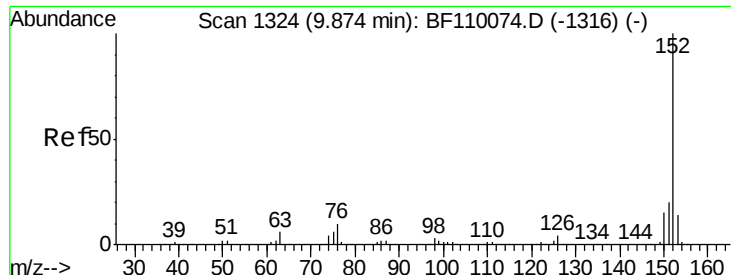
#48
2-Nitroaniline
Concen: 39.411 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.9	54.6	81.8
138	101.1	80.3	120.5



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





#49

Acenaphthylene

Concen: 37.885 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1094566

Ion Ratio Lower Upper

152 100

151 20.4 15.8 23.8

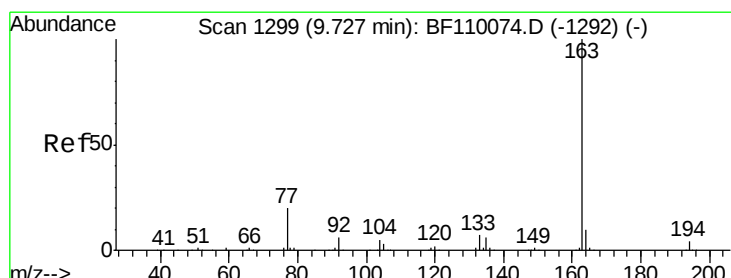
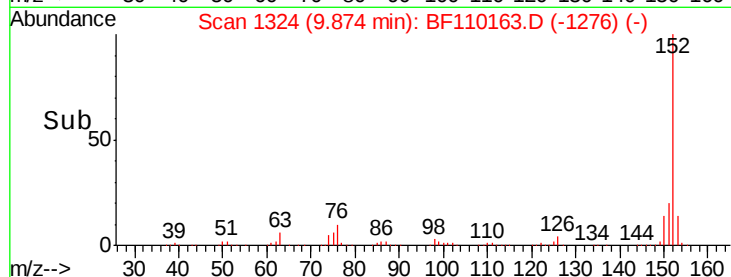
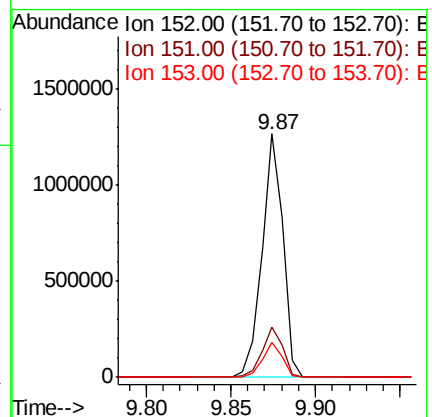
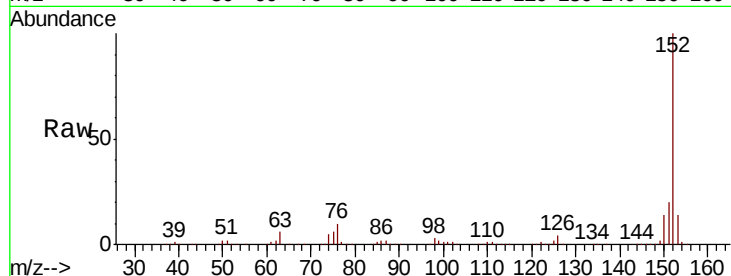
153 14.3 10.4 15.6

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#50

Dimethylphthalate

Concen: 37.778 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

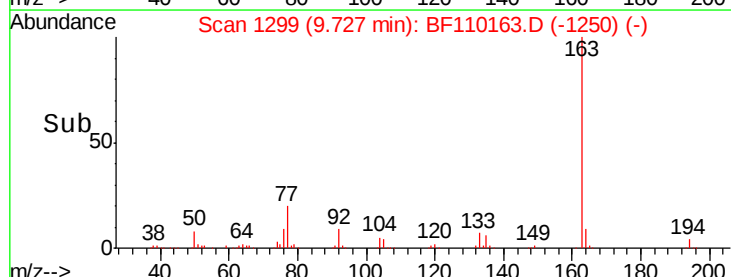
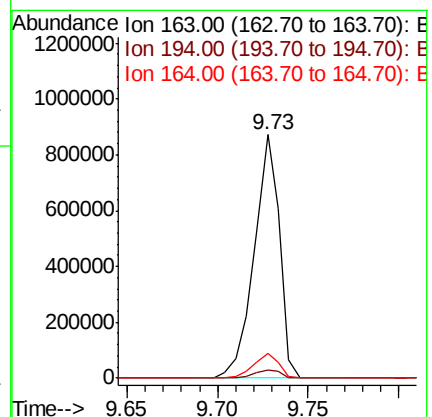
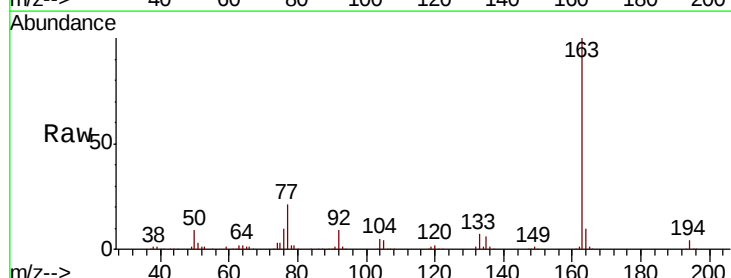
Tgt Ion:163 Resp: 840954

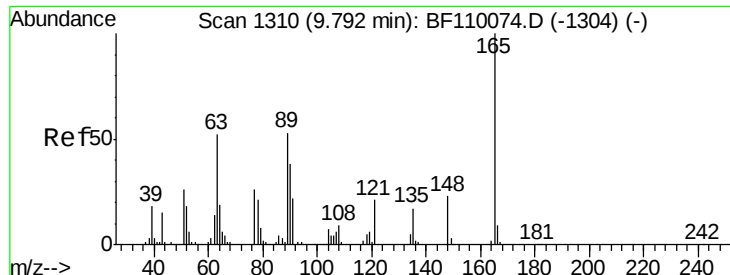
Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

164 10.3 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 40.403 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

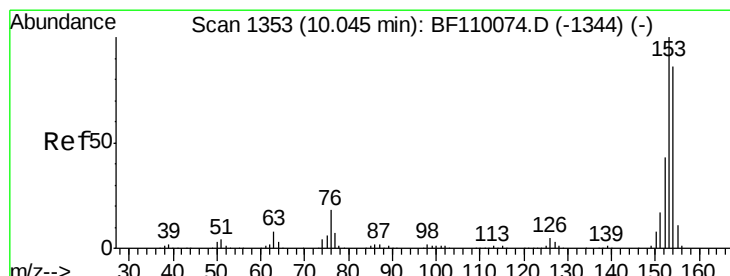
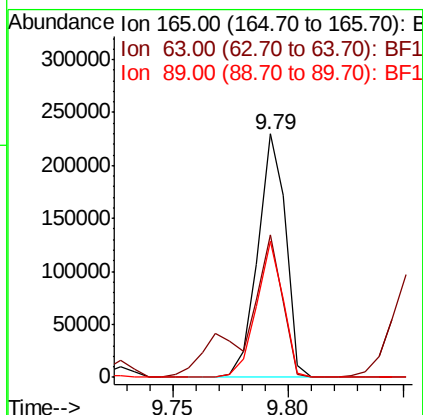
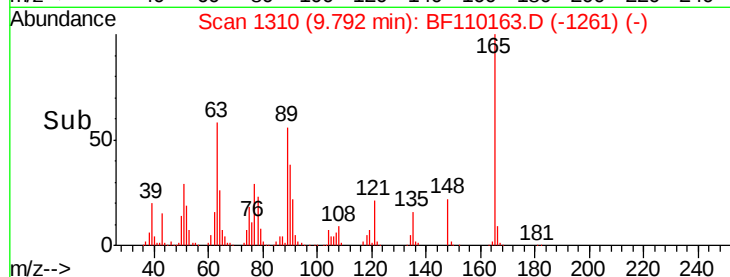
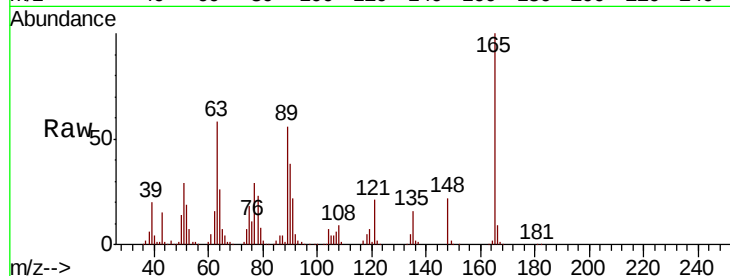
ClientSampleId :

SSTDCCC040

Tot Ion:	165	Resp:	193733
Ion Ratio	Lower	Upper	
165	100		
63	58.4	48.9	73.3
89	56.0	46.6	69.8

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#52

Acenaphthene

Concen: 38.516 ng

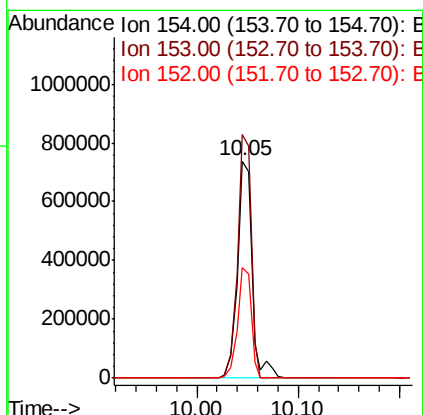
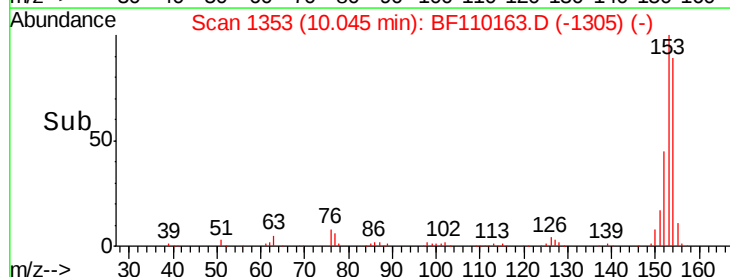
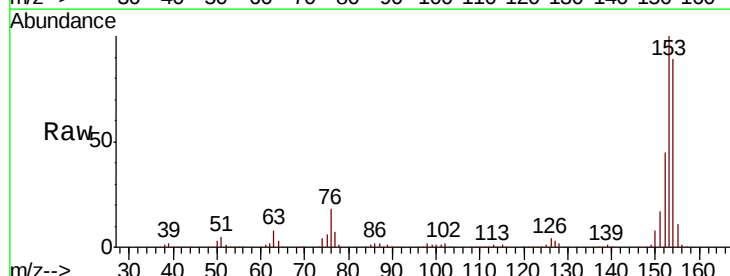
RT: 10.05 min Scan# 1353

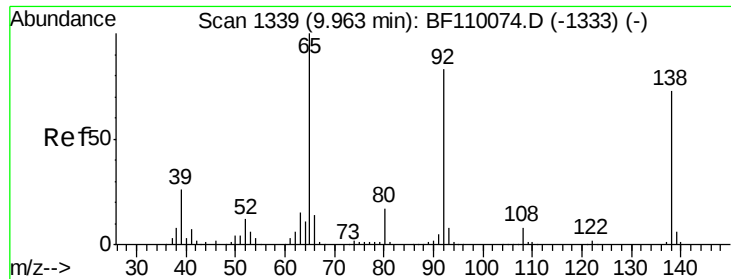
Delta R.T. -0.02 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Tgt Ion:	154	Resp:	736179
Ion Ratio	Lower	Upper	
154	100		
153	112.3	90.1	135.1
152	50.7	43.4	65.2





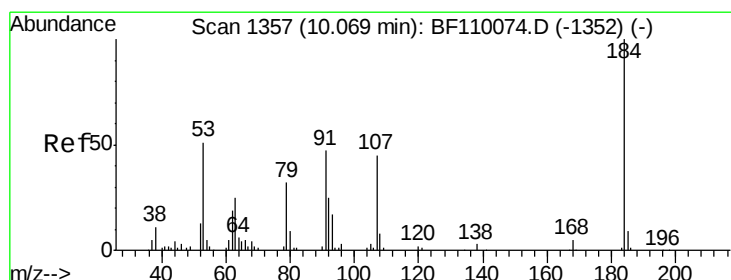
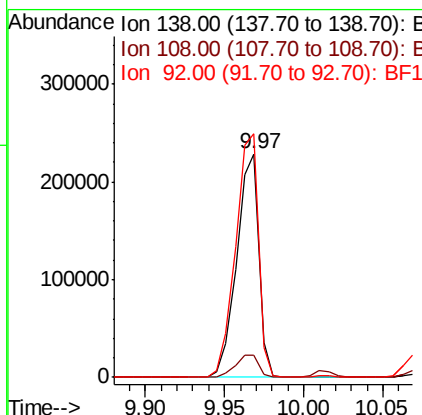
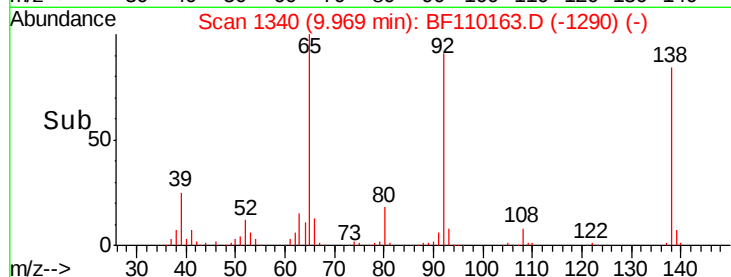
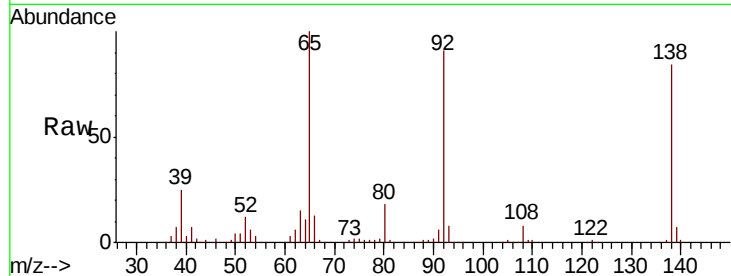
#53
3-Nitroaniline
Concen: 38.829 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.7	13.1
92	108.8	97.0	145.4

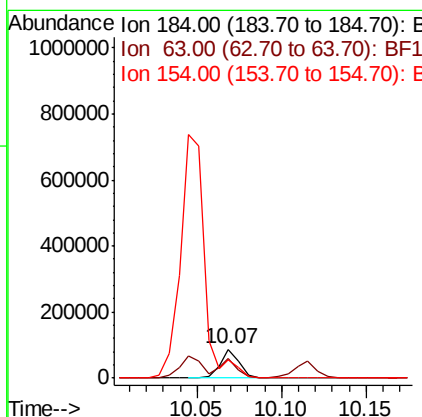
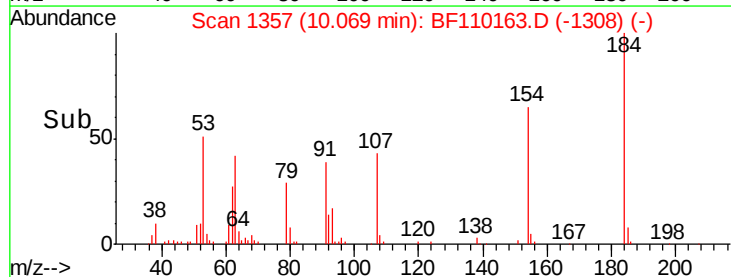
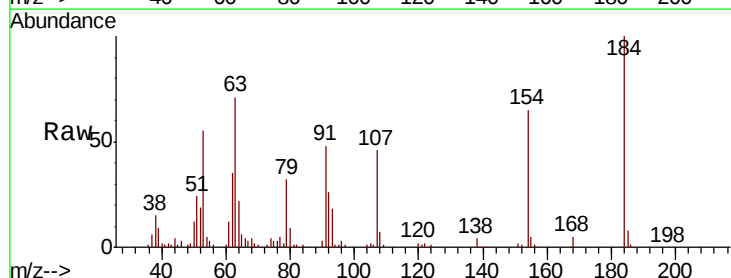
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#54
2,4-Dinitrophenol
Concen: 39.191 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.5	55.8	83.6
154	64.7	63.2	94.8





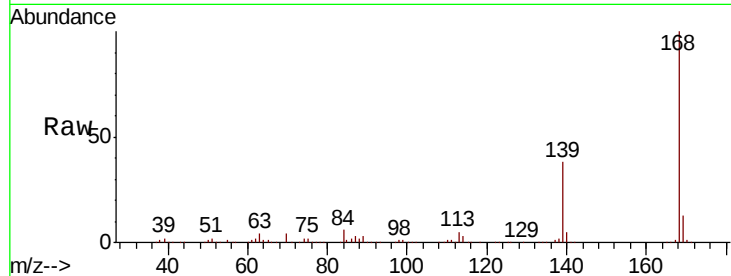
#55
Dibenzofuran
Concen: 37.680 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.9	33.0	49.6
169	13.2	11.3	16.9

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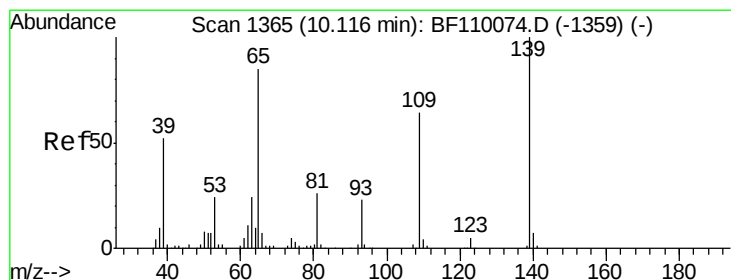
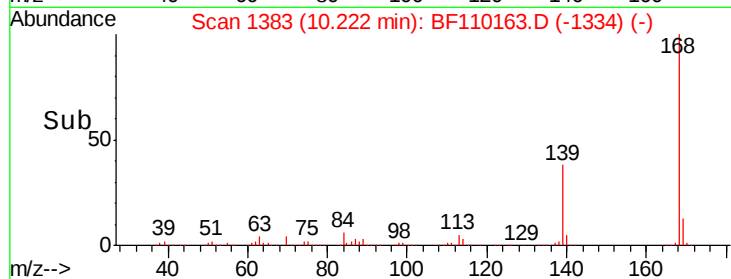
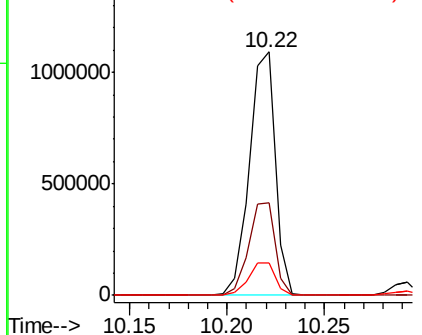


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 39.694 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

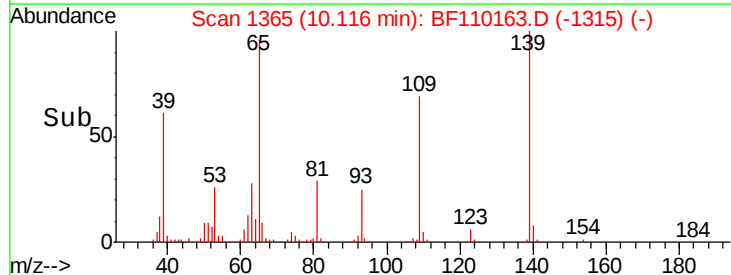
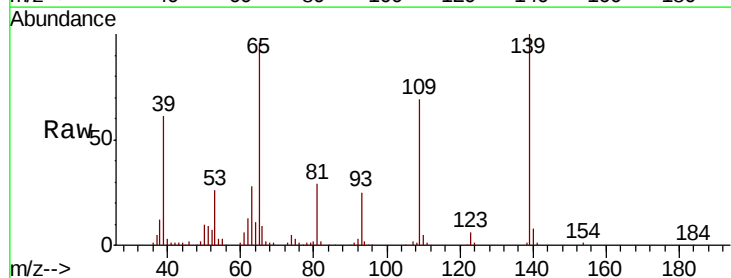
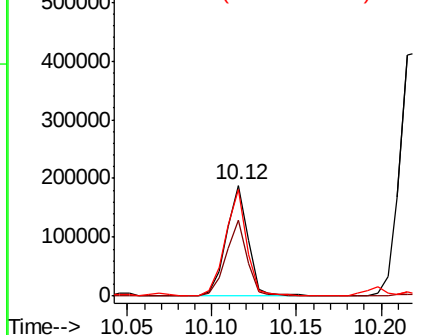
Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.0	55.8	95.8
65	96.2	77.9	117.9

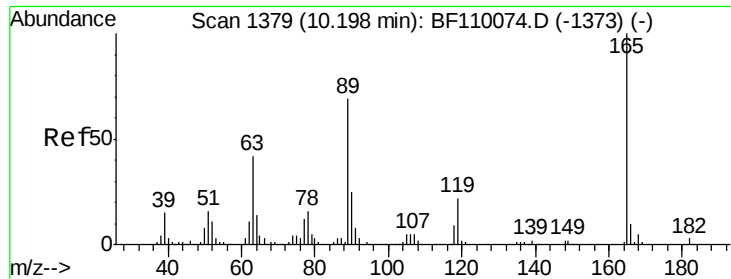
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





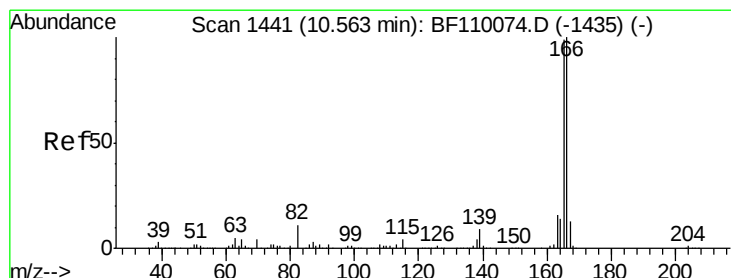
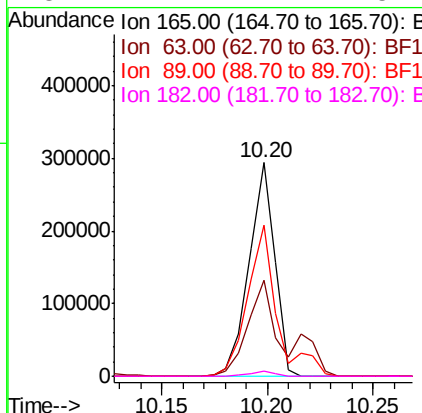
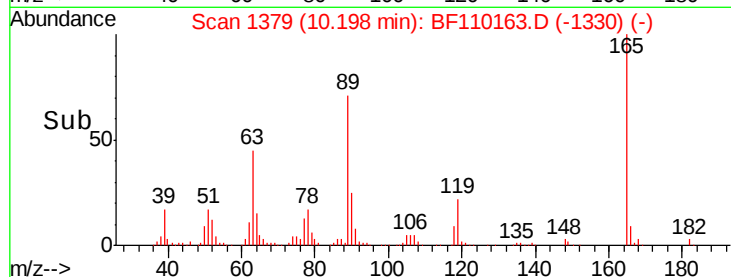
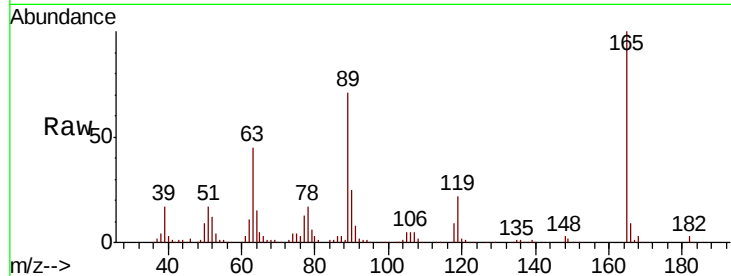
#57
2,4-Dinitrotoluene
Concen: 40.891 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	249048		
63	44.8		44.8	67.2
89	70.7		62.2	93.4
182	2.7		2.1	3.1

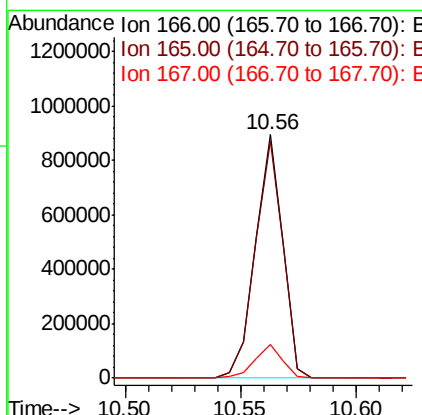
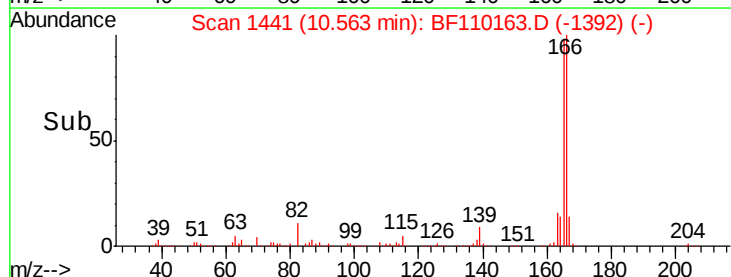
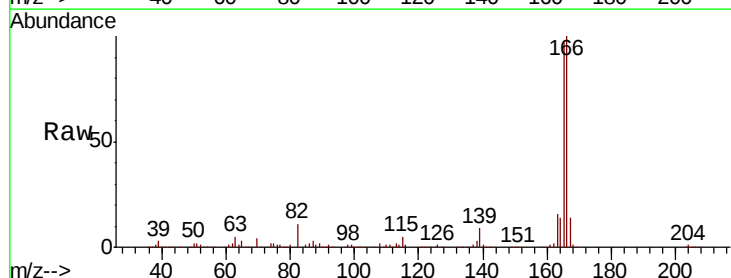
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#58
Fluorene
Concen: 37.309 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	743068		
165	97.4		78.6	117.8
167	13.7		10.8	16.2





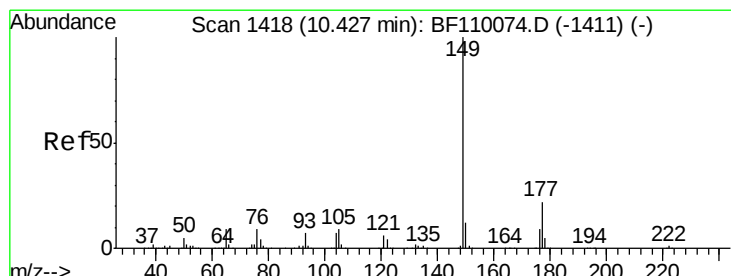
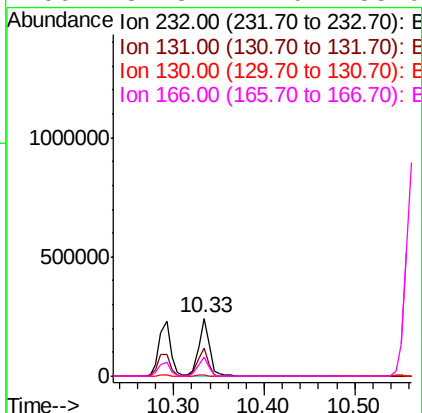
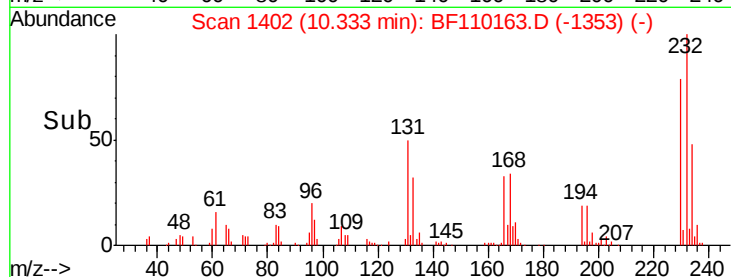
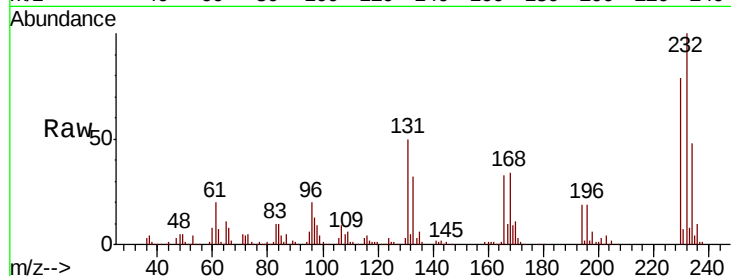
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.573 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF110163.D
 Acq: 25 Oct 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.2	37.0	55.4
130	2.5	1.8	2.6
166	32.8	22.0	33.0

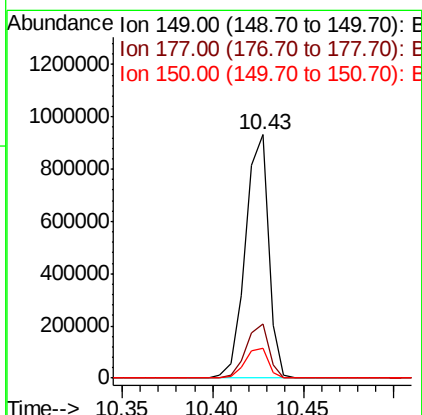
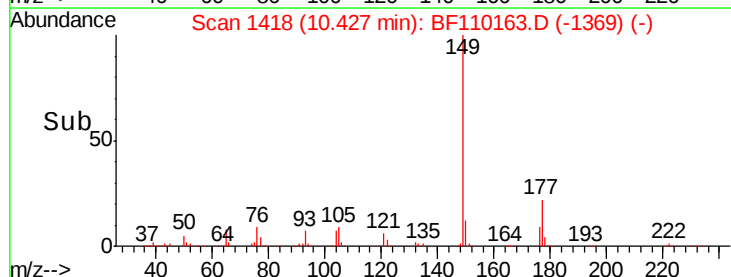
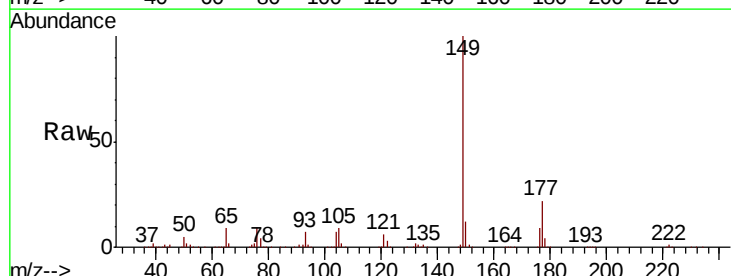
Manual Integrations
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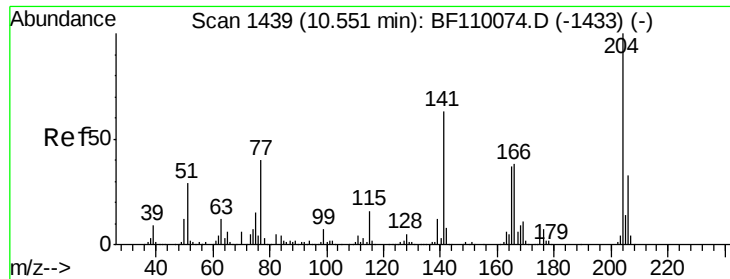
Sohil
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#60
 Diethylphthalate
 Concen: 38.077 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF110163.D
 Acq: 25 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.4	26.2
150	12.3	9.8	14.8





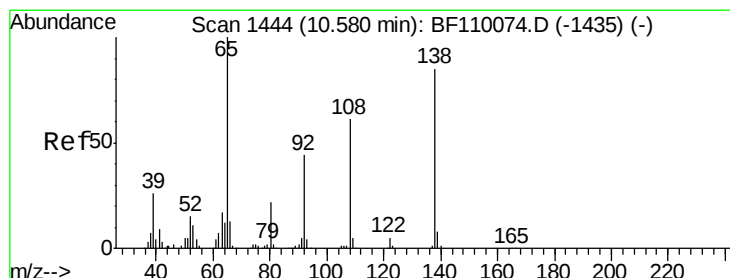
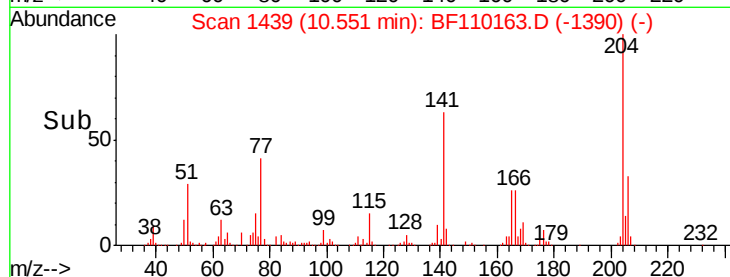
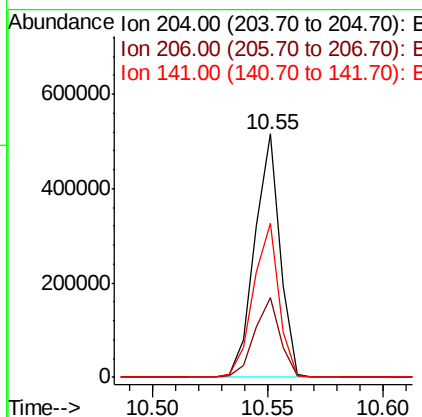
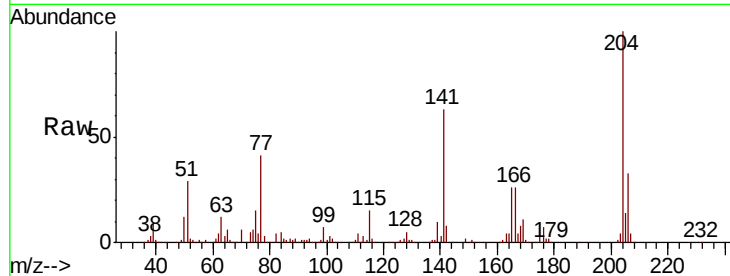
#61
 4-Chlorophenyl-phenylether
 Concen: 37.834 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF110163.D
 Acq: 25 Oct 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	204	Resp:	397504
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.5	39.7
141	63.5	51.8	77.8

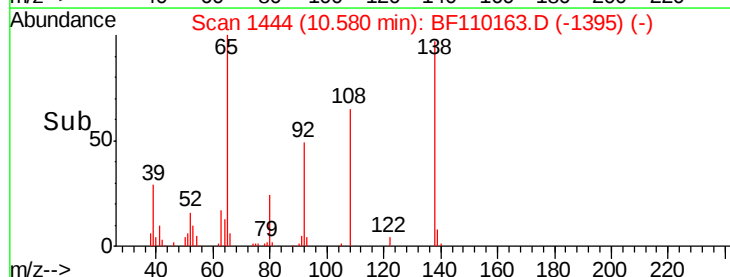
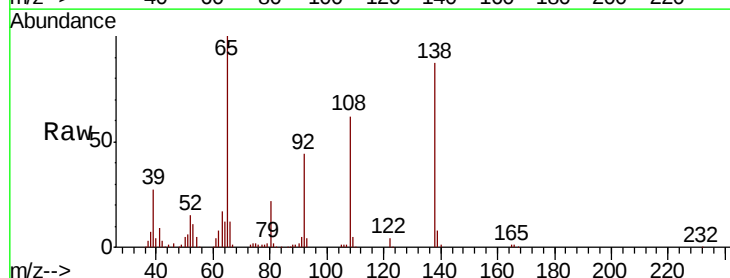
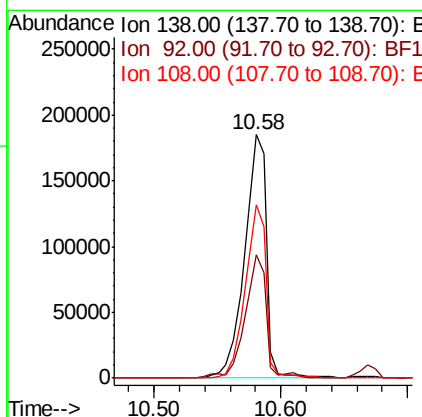
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#62
 4-Nitroaniline
 Concen: 38.958 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF110163.D
 Acq: 25 Oct 2018 16:27

Tgt Ion:	138	Resp:	220944
Ion Ratio	Lower	Upper	
138	100		
92	50.6	31.7	71.7
108	71.4	59.3	99.3





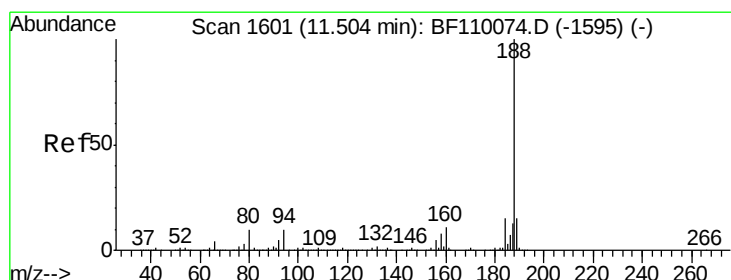
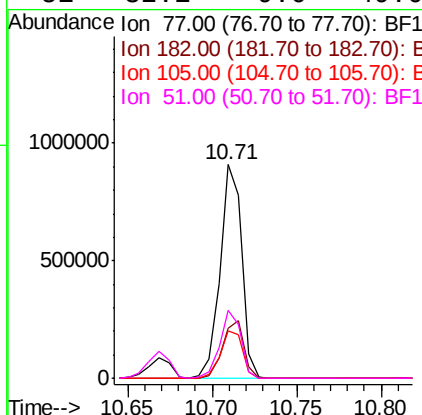
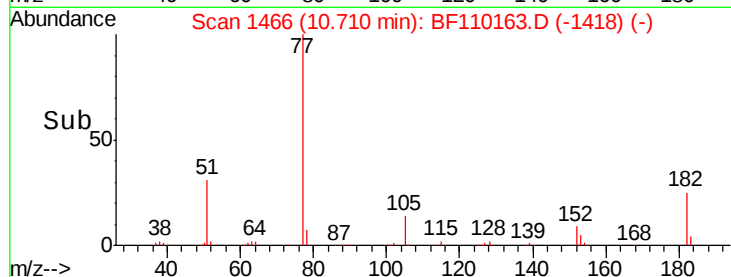
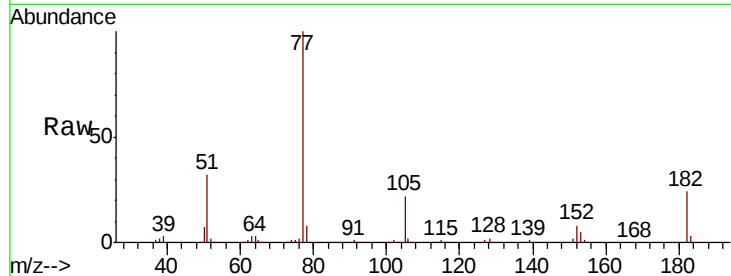
#63
Azobenzene
Concen: 37.578 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.02 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		810540		
182	23.7	4.3	44.3		
105	22.3	1.3	41.3		
51	32.1	9.0	49.0		

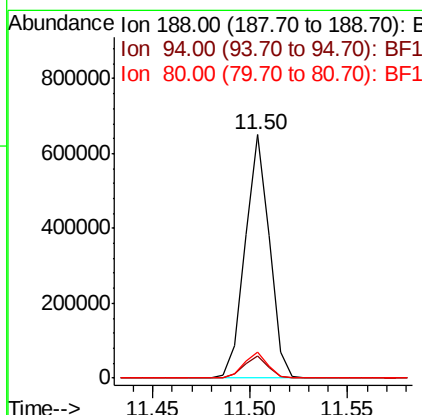
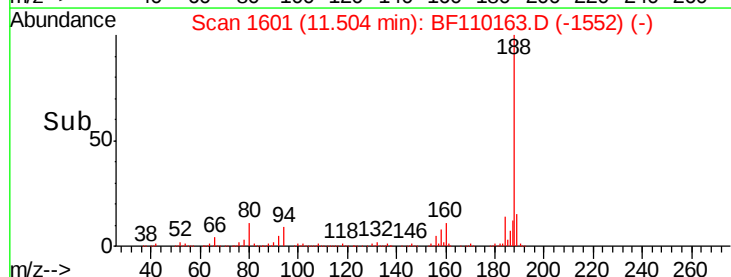
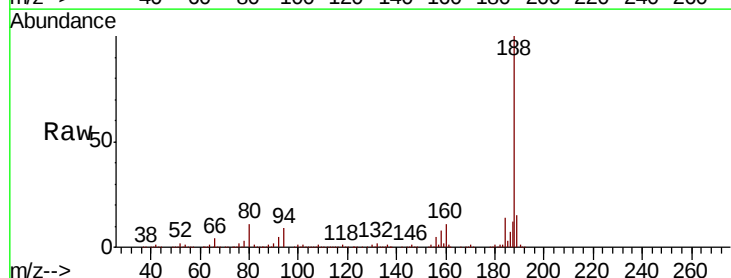
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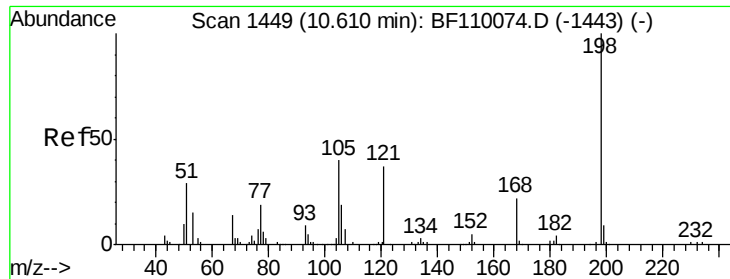
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		560544		
94	9.3	7.2	10.8		
80	10.5	7.9	11.9		





#65

4,6-Dinitro-2-methylphenol

Concen: 39.920 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 102233

Ion Ratio Lower Upper

198 100

51 47.5 22.8 62.8

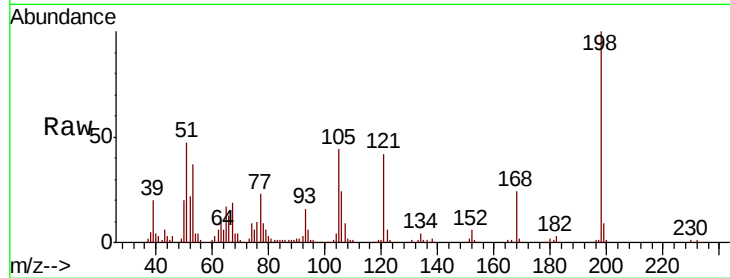
105 44.5 23.6 63.6

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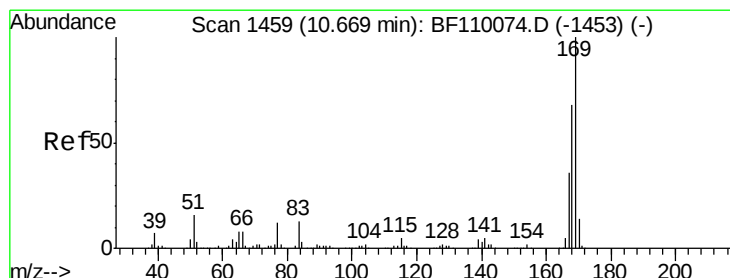
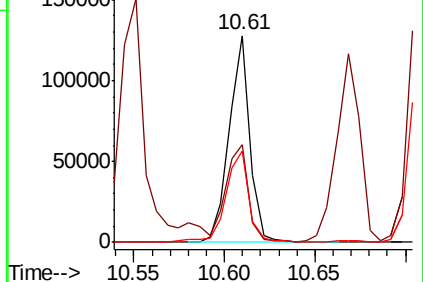
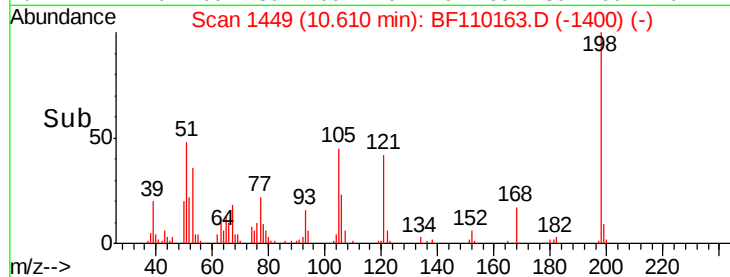
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.870 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

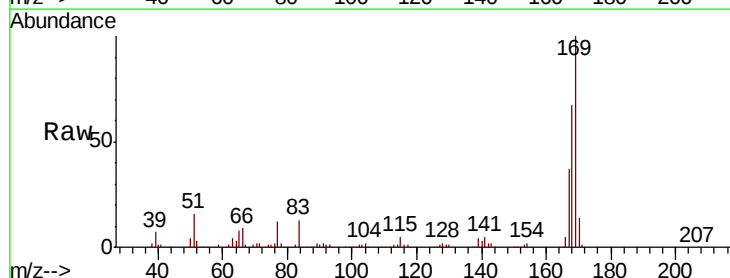
Tgt Ion:169 Resp: 714661

Ion Ratio Lower Upper

169 100

168 67.3 51.2 76.8

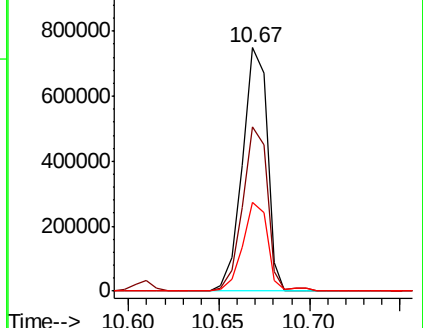
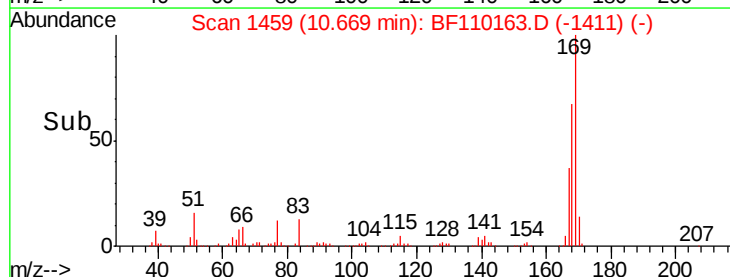
167 36.6 27.8 41.6

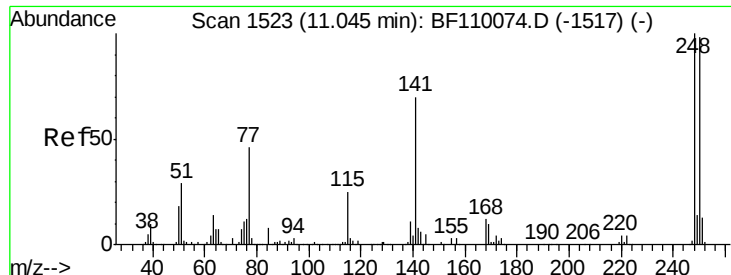


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





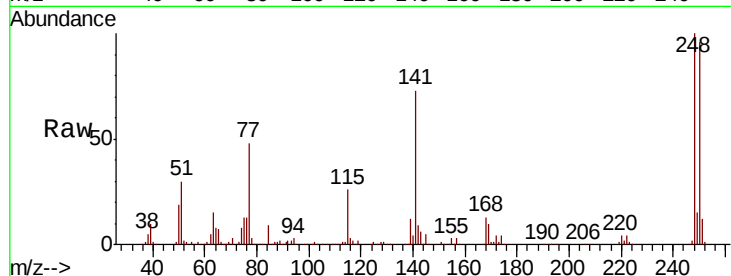
#67
4-Bromophenyl-phenylether
Concen: 38.895 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	79.4	119.2
141	72.5	55.9	83.9

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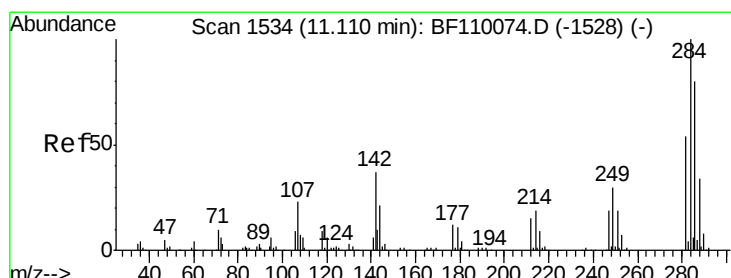
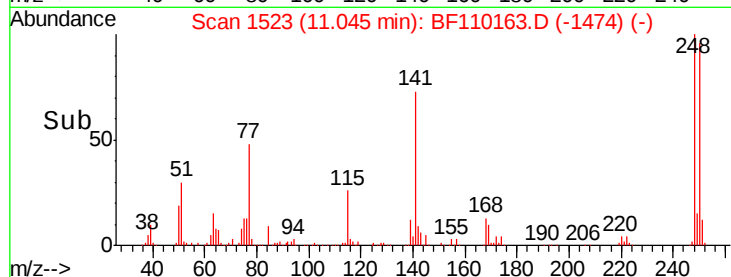
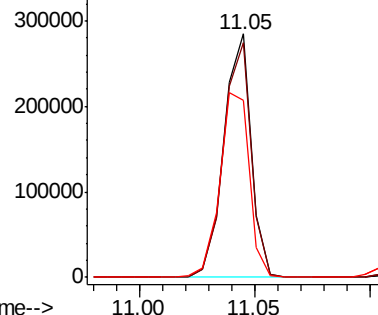


Abundance

Ion 248.00 (247.70 to 248.70): E

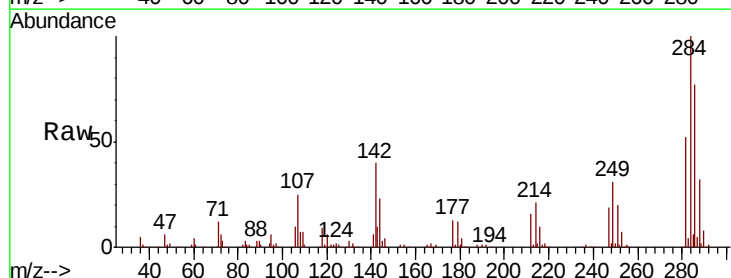
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.729 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.9	23.9	35.9#
249	31.0	24.2	36.2

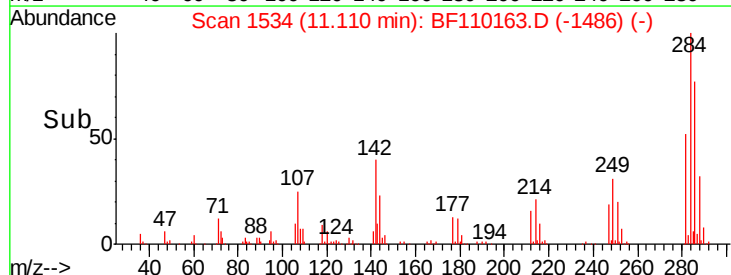
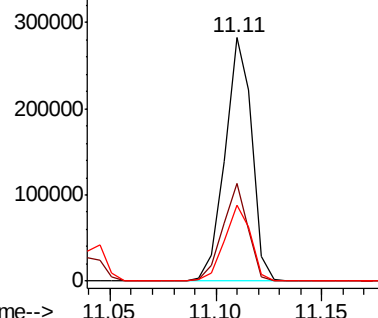


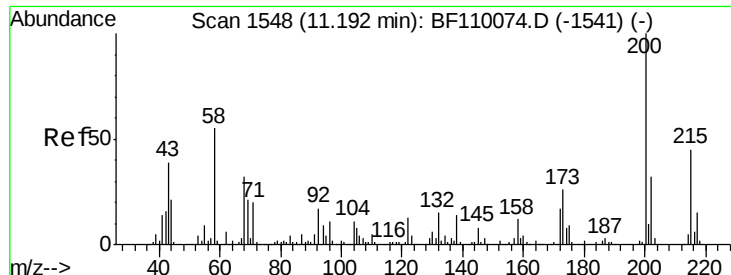
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





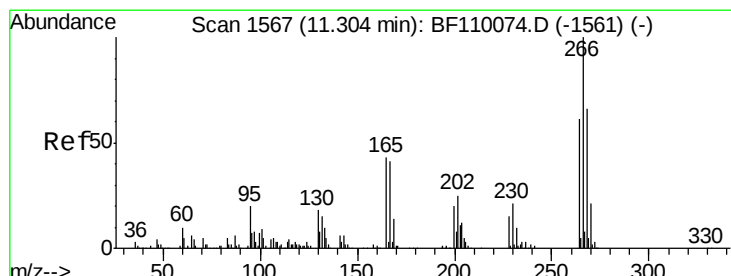
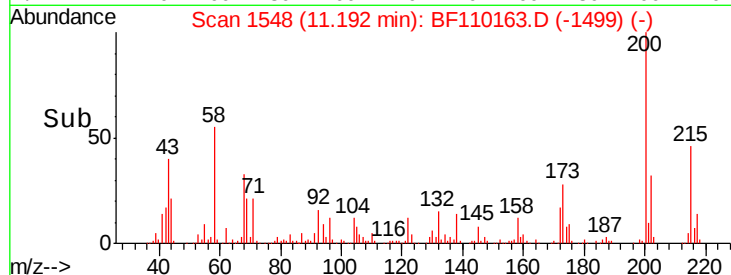
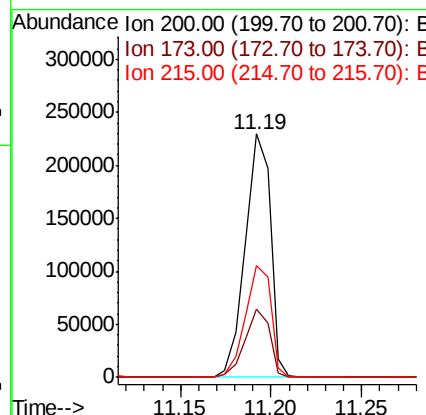
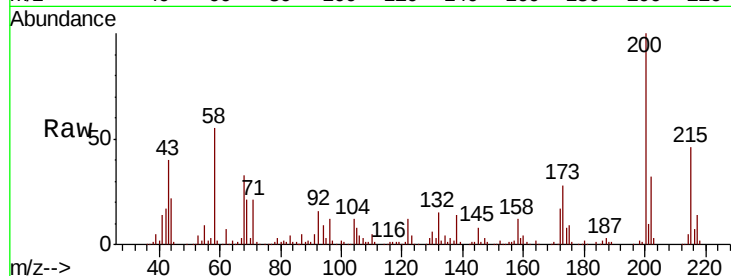
#69
Atrazine
Concen: 38.412 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	6.6	46.6
215	45.8	26.3	66.3

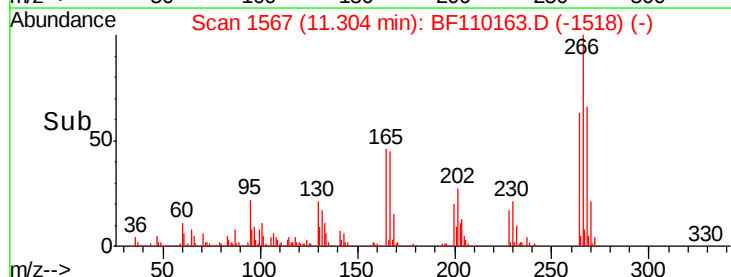
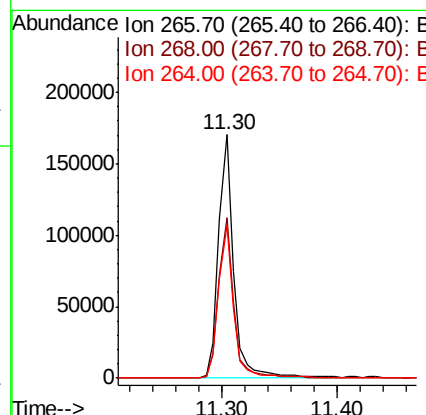
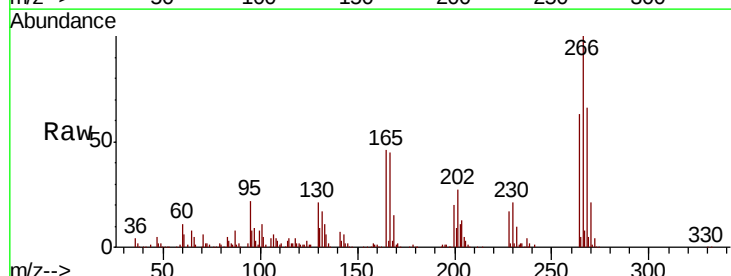
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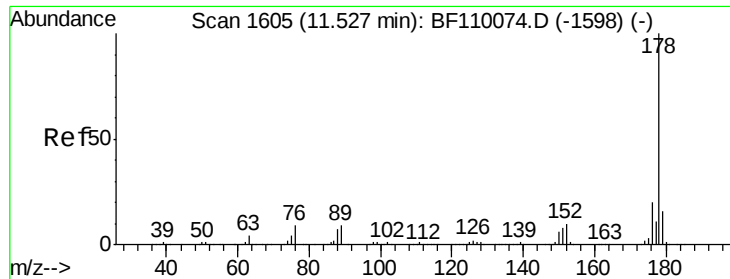
Sohil
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#70
Pentachlorophenol
Concen: 41.582 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.1	50.6	75.8
264	62.8	50.6	75.8





#71

Phenanthrene

Concen: 37.703 ng

RT: 11.53 min Scan# 1605

Delta R.T. -0.02 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1105854

Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

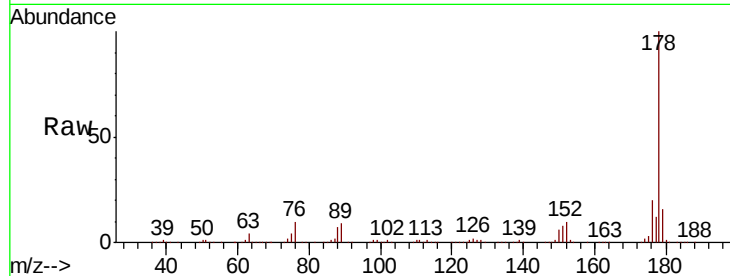
179 16.0 12.5 18.7

Manual Integrations

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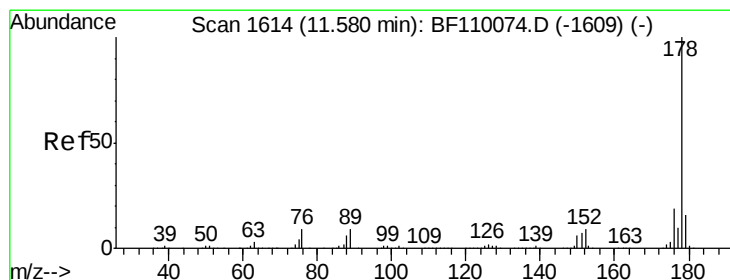
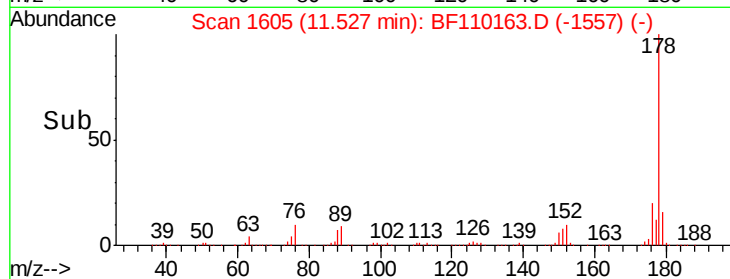
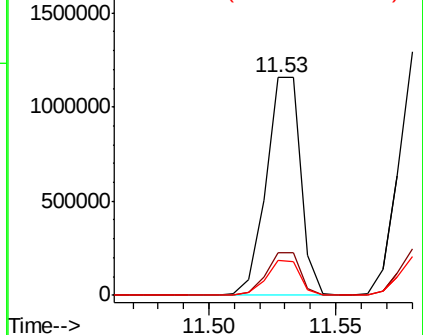
10/26/2018 3:49:16 PM



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: 38.396 ng

RT: 11.58 min Scan# 1614

Delta R.T. -0.02 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Tgt Ion:178 Resp: 1128788

Ion Ratio Lower Upper

178 100

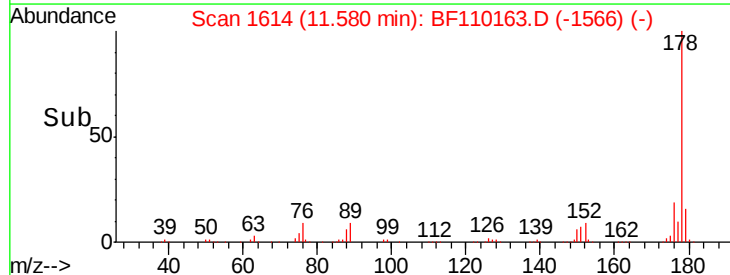
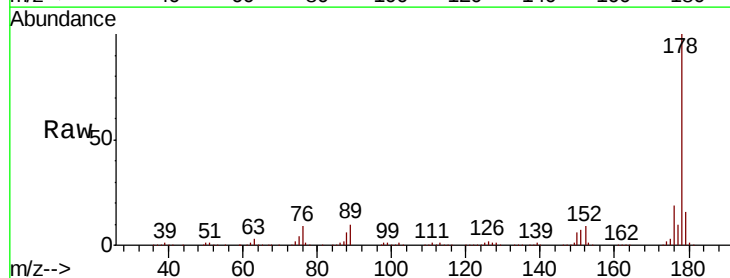
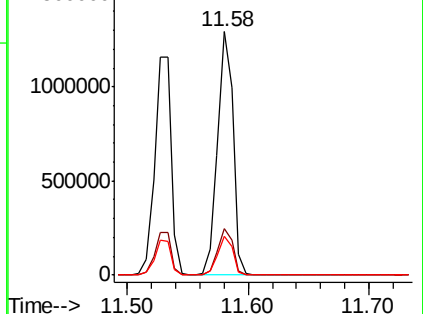
176 19.1 15.4 23.2

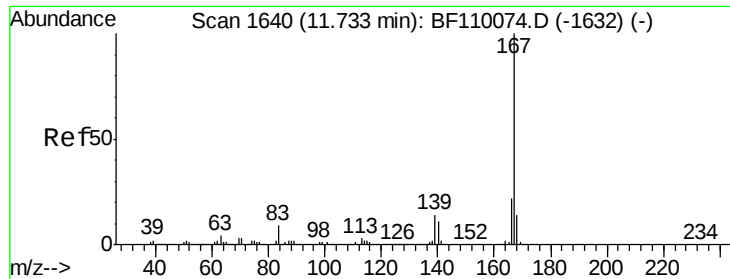
179 15.7 12.6 18.8

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





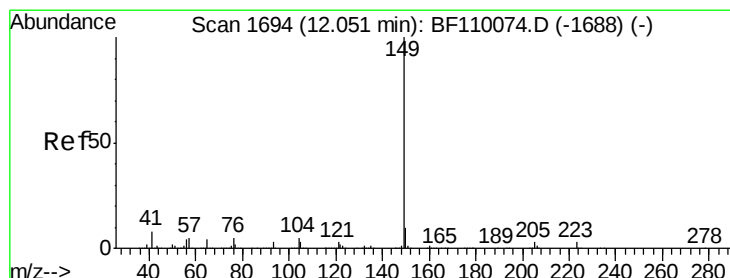
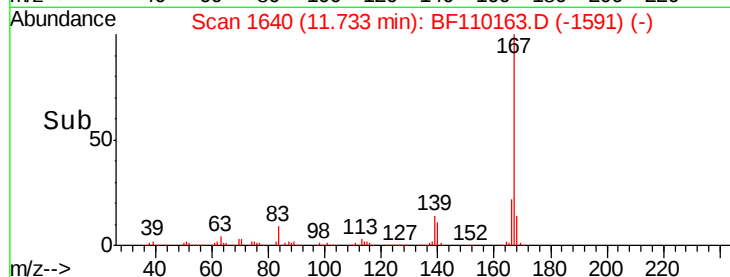
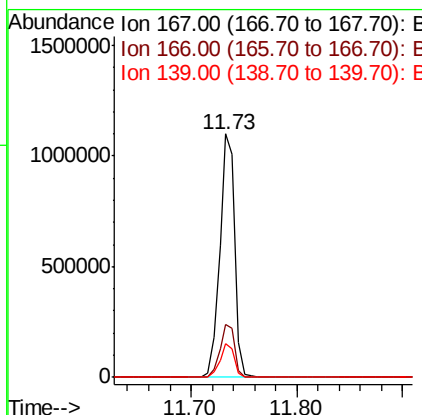
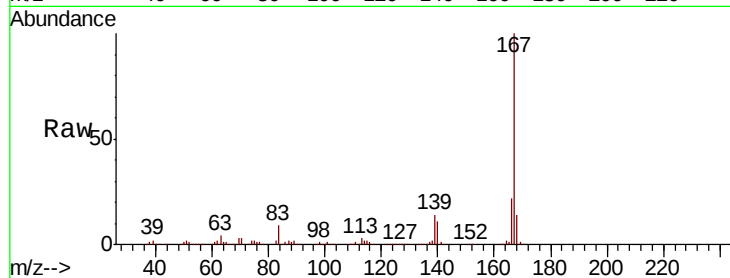
#73
 Carbazole
 Concen: 38.065 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF110163.D
 Acq: 25 Oct 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	13.8	10.9	16.3

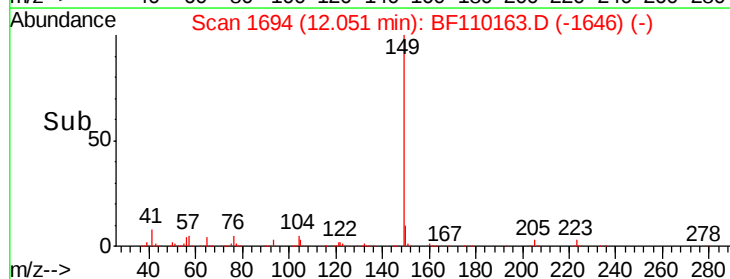
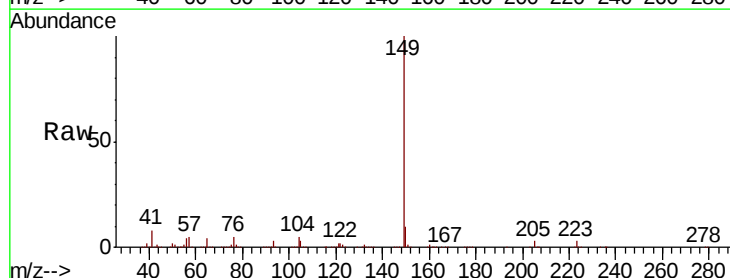
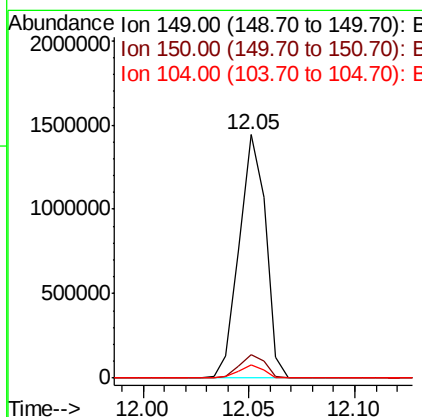
Manual Integrations
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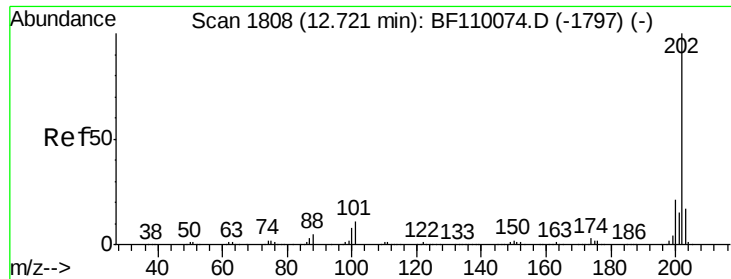
Sohil
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#74
 Di-n-butylphthalate
 Concen: 38.487 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BF110163.D
 Acq: 25 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.2	4.2	6.4





#75

Fluoranthene

Concen: 37.089 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

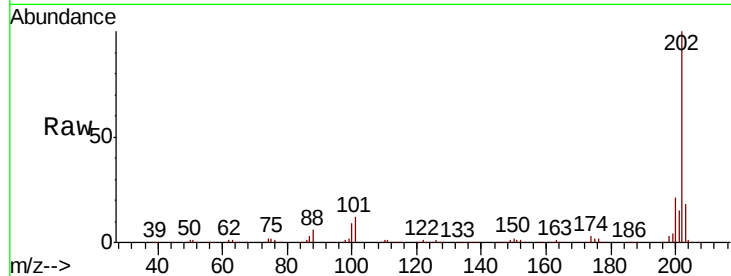
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.4
203	17.7	0.0	37.7

Manual Integrations
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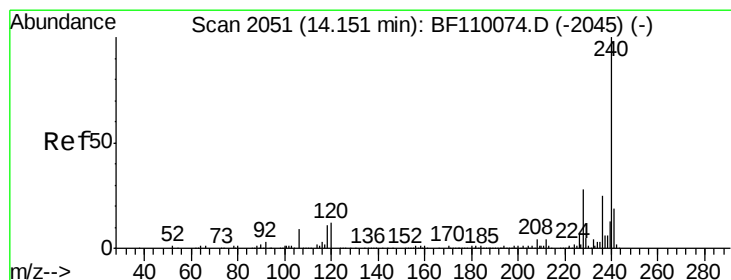
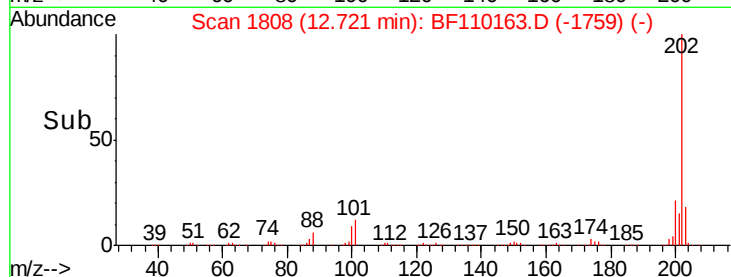
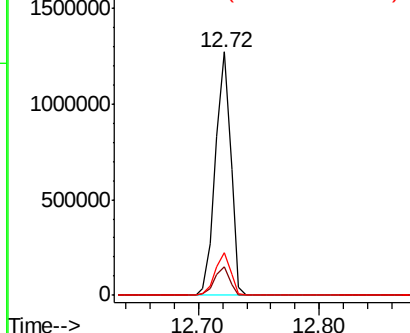


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

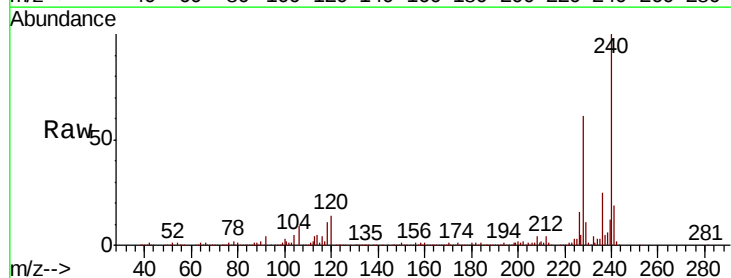
RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.6	8.3	12.5#
236	25.0	21.2	31.8

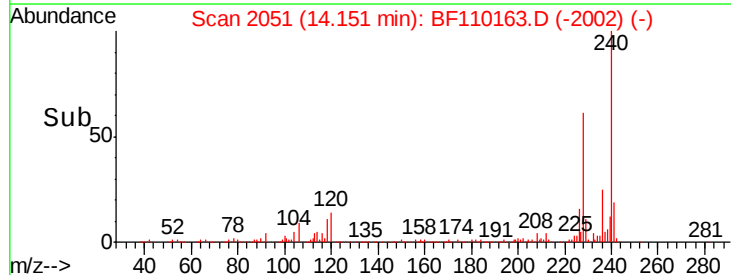
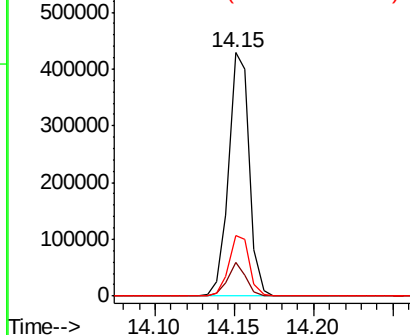


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.046 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

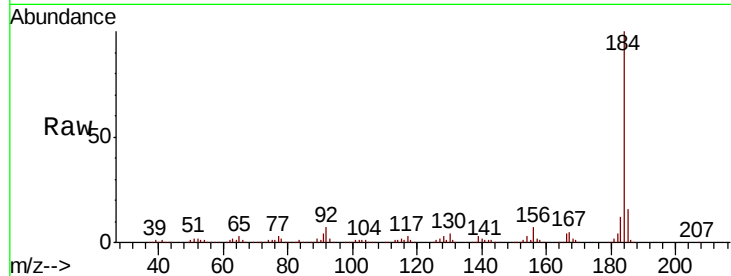
ClientSampleId :

SSTDCCC040

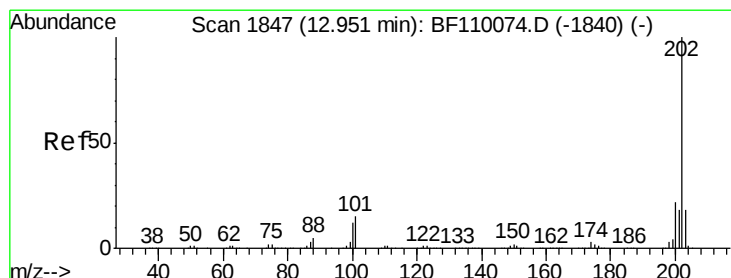
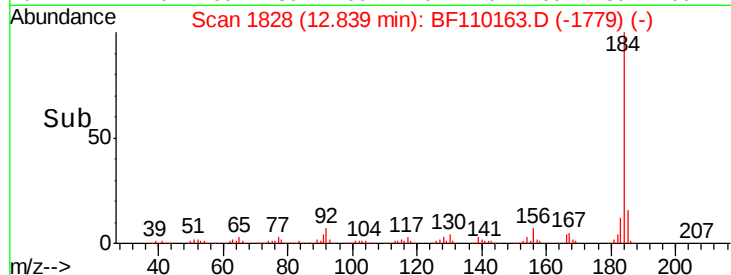
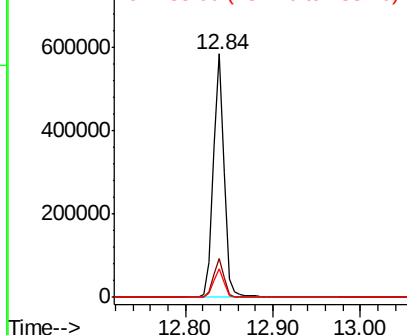
Tot Ion:	184	Resp:	504919
Ion Ratio	Lower	Upper	
184	100		
185	15.7	13.4	20.2
183	11.7	9.4	14.2

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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: 40.621 ng

RT: 12.95 min Scan# 1847

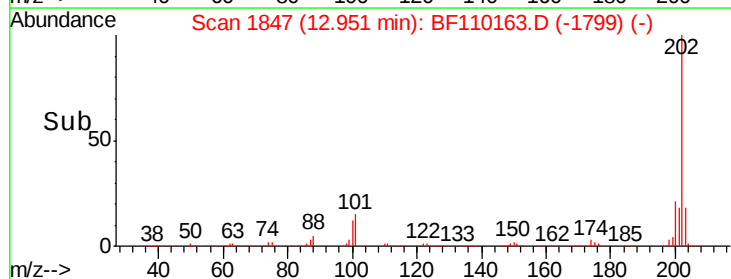
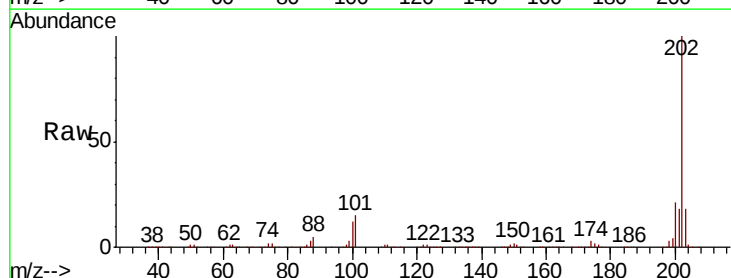
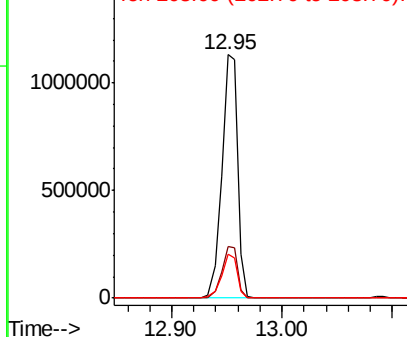
Delta R.T. -0.02 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Tgt Ion:	202	Resp:	1125804
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.8	26.6
203	18.0	14.2	21.4

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: 80.495 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1496290

Ion Ratio Lower Upper

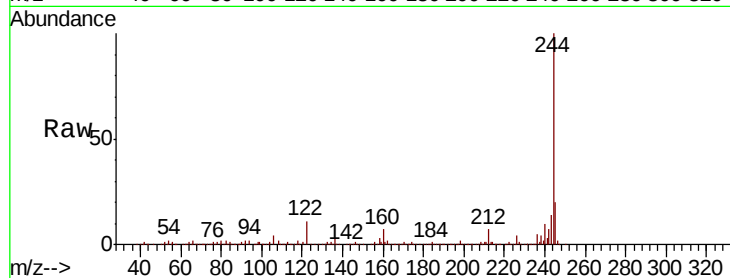
244 100

212 6.8 5.8 8.8

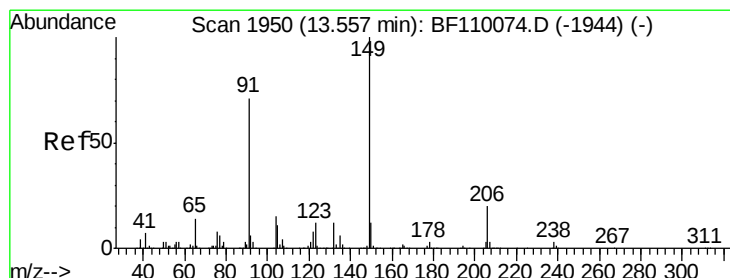
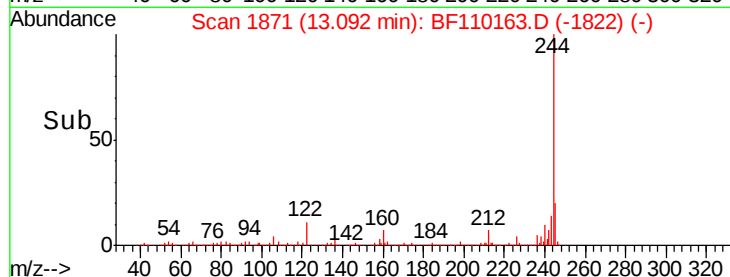
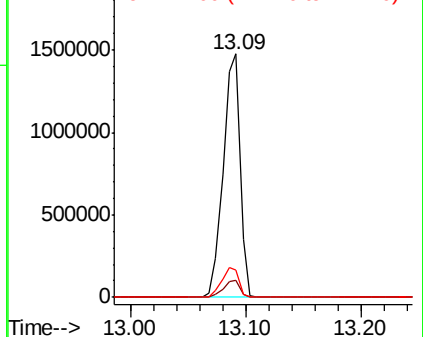
122 11.2 8.7 13.1

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Abundance Ion 244.00 (243.70 to 244.70): E
2000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.915 ng

RT: 13.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

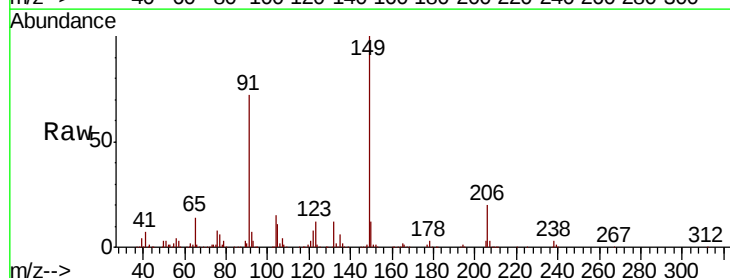
Tgt Ion:149 Resp: 480164

Ion Ratio Lower Upper

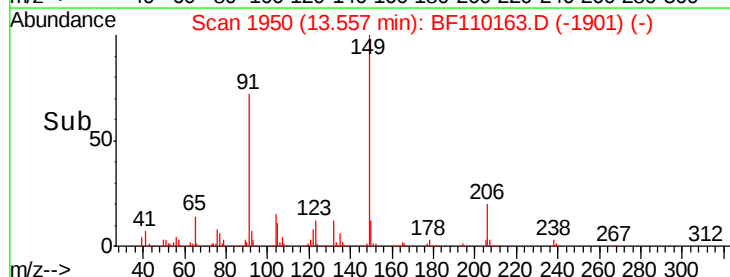
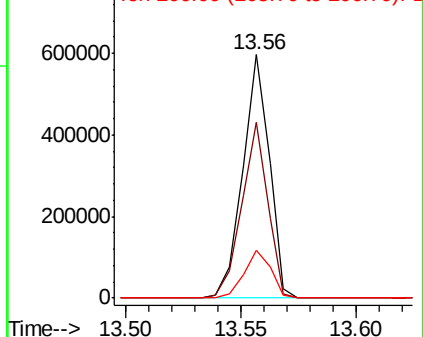
149 100

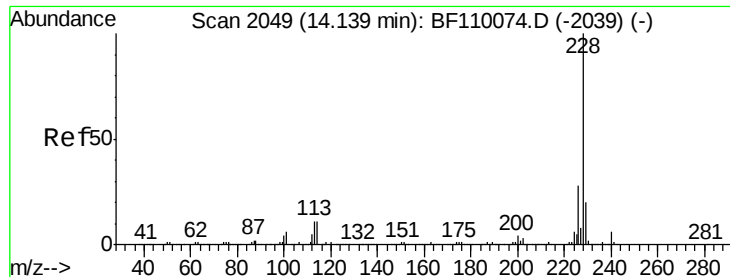
91 72.3 57.2 85.8

206 19.8 15.7 23.5



Abundance Ion 149.00 (148.70 to 149.70): E
800000
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





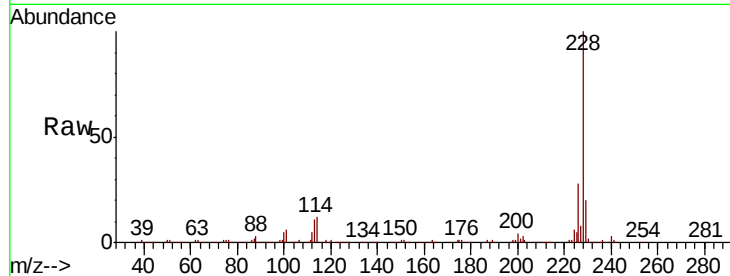
#81
Benzo(a)anthracene
Concen: 38.444 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.1	33.1
229	20.4	15.6	23.4

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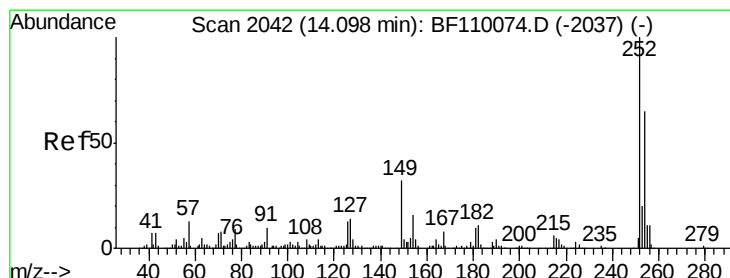
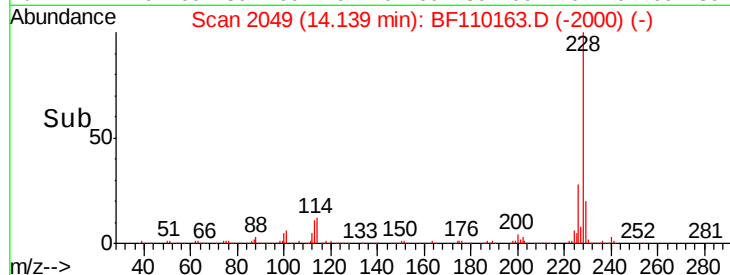
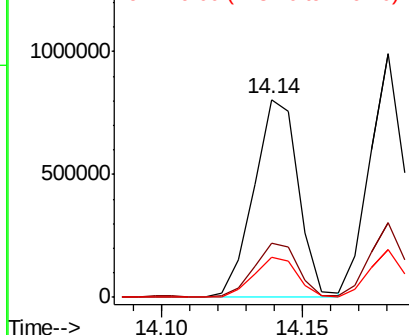


Abundance

Ion 228.00 (227.70 to 228.70): E

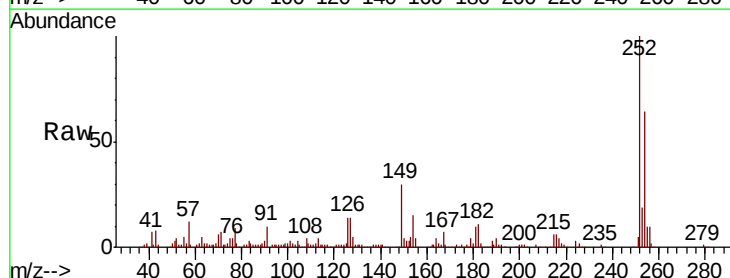
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 38.006 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.3	76.9
126	13.6	9.4	14.2

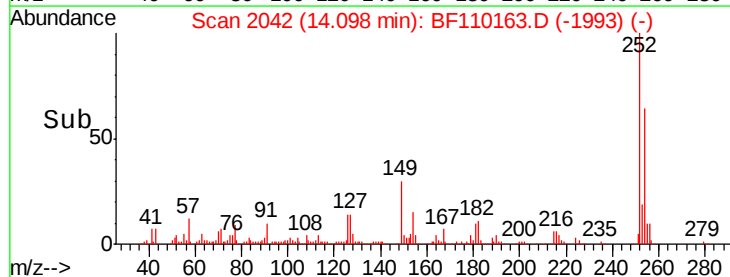
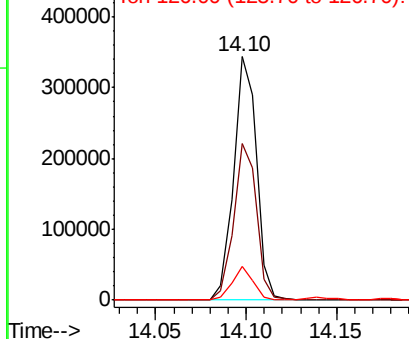


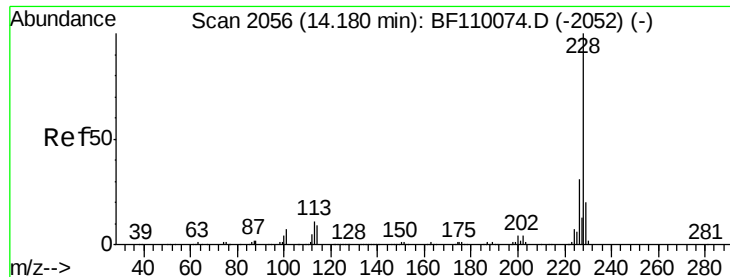
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





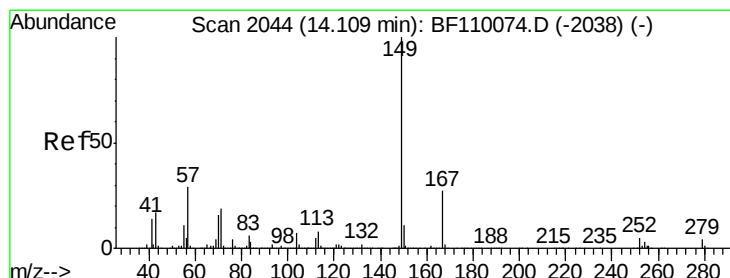
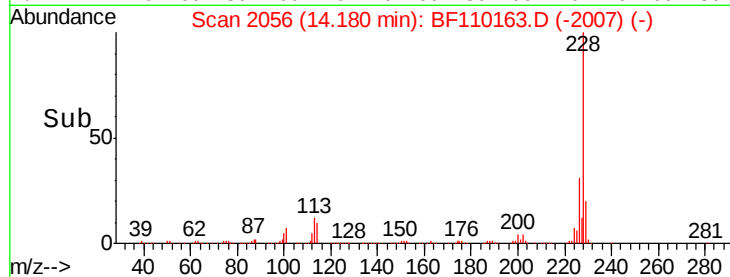
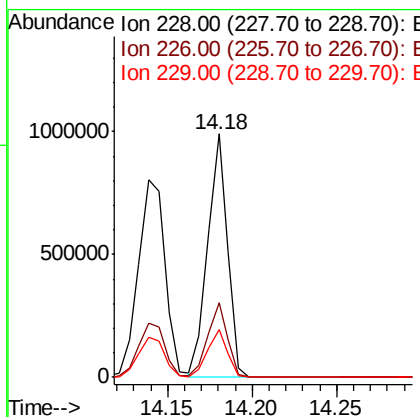
#83
 Chrysene
 Concen: 37.473 ng
 RT: 14.18 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BF110163.D
 Acq: 25 Oct 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:228	Resp:	815960
Ion Ratio	Lower	Upper
228 100		
226 30.8	24.7	37.1
229 19.8	15.9	23.9

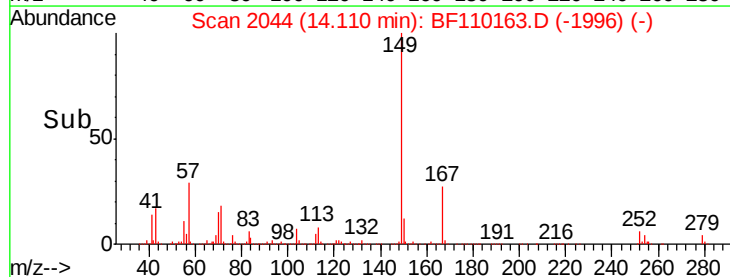
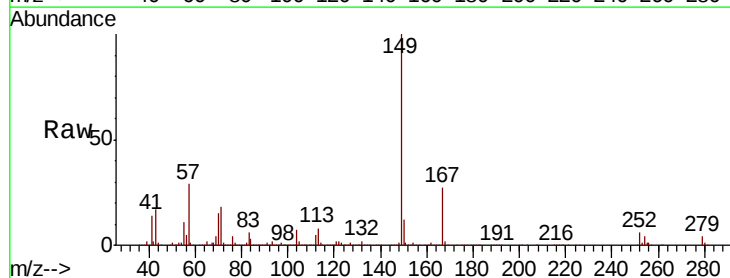
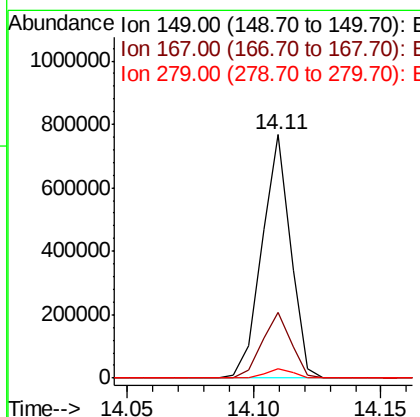
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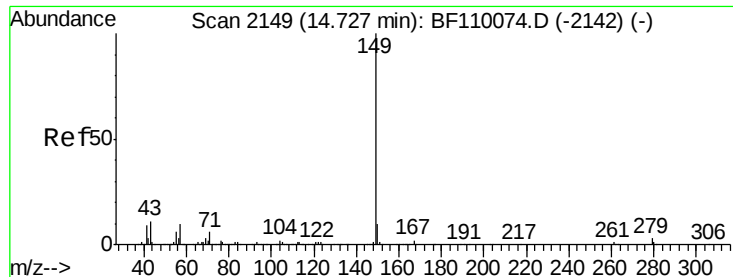
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.514 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.02 min
 Lab File: BF110163.D
 Acq: 25 Oct 2018 16:27

Tgt Ion:149	Resp:	610036
Ion Ratio	Lower	Upper
149 100		
167 27.1	19.8	29.8
279 3.6	2.7	4.1





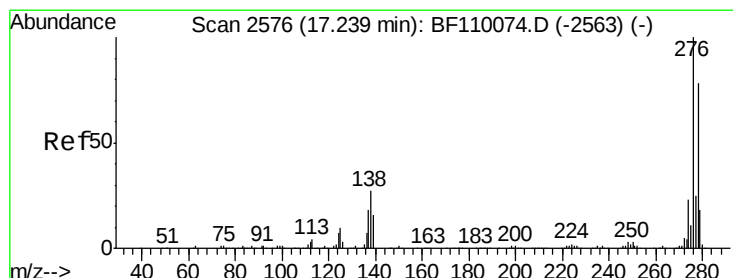
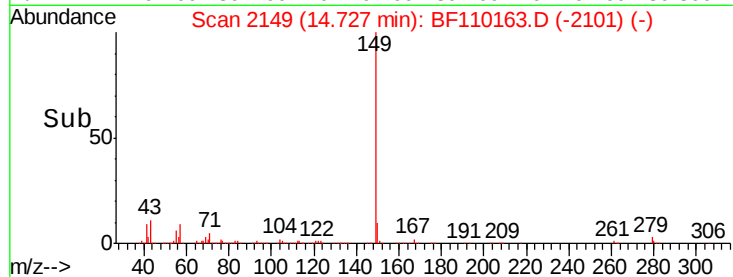
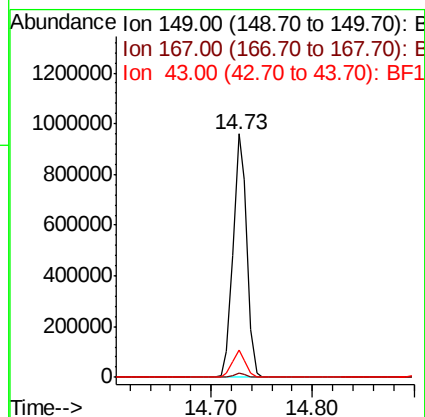
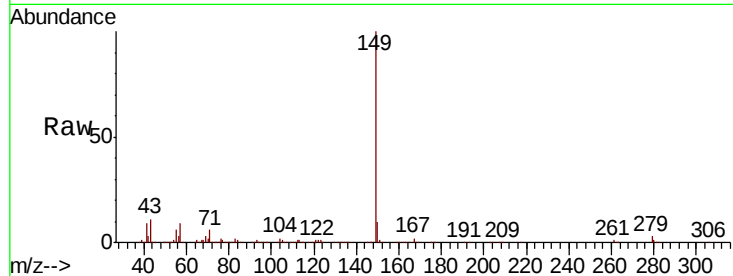
#85
Di-n-octyl phthalate
Concen: 35.547 ng
RT: 14.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.4	7.8	11.8

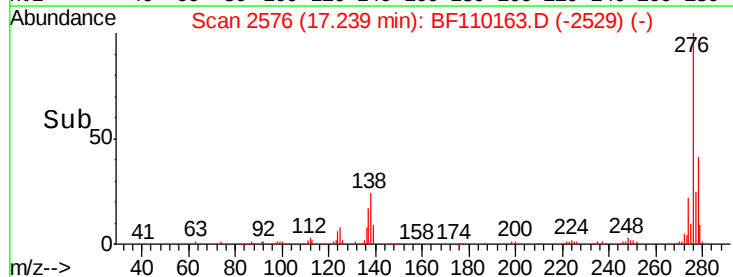
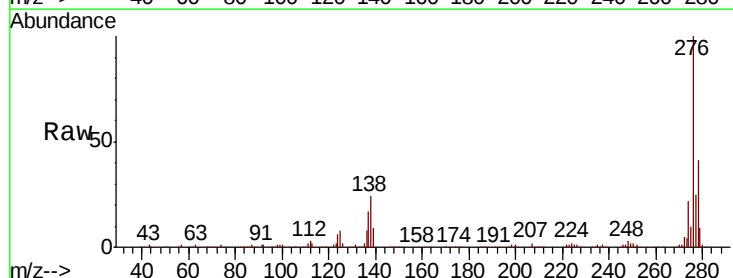
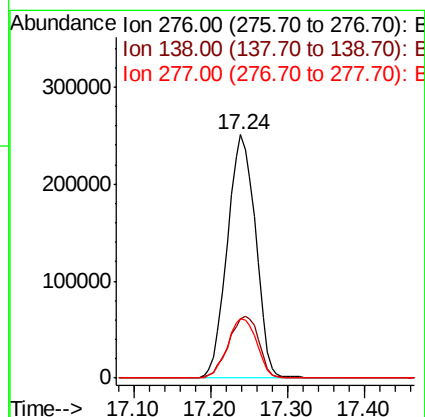
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#86
Indeno(1,2,3-cd)pyrene
Concen: 35.659 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.02 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.1	18.5	27.7
277	25.2	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

Delta R.T. -0.02 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

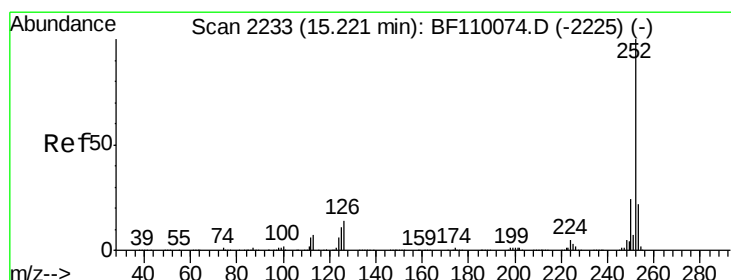
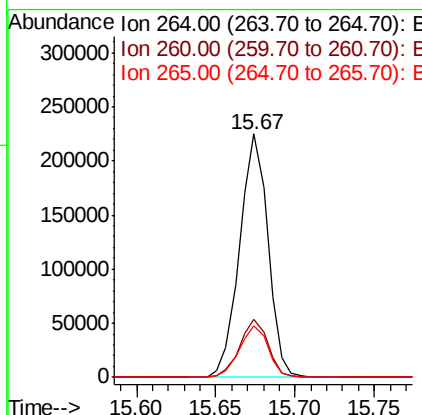
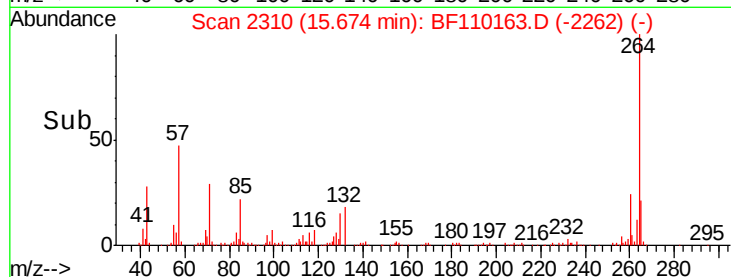
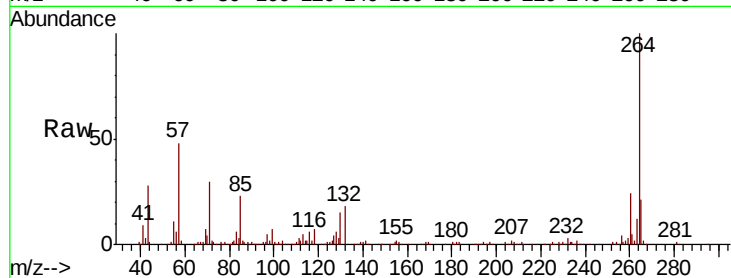
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	279506
Ion Ratio		Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.3	16.7	25.1

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#88

Benzo(b)fluoranthene

Concen: 38.873 ng

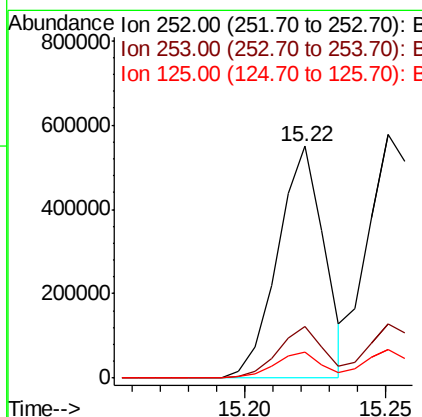
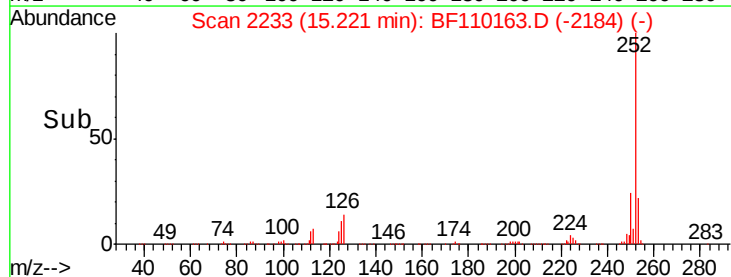
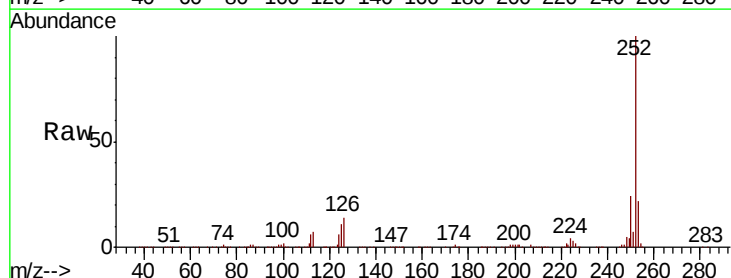
RT: 15.22 min Scan# 2233

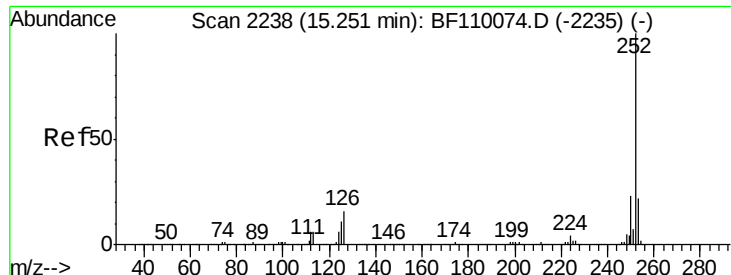
Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Tgt Ion:	252	Resp:	627425
Ion Ratio		Lower	Upper
252	100		
253	22.0	17.2	25.8
125	11.1	8.2	12.4





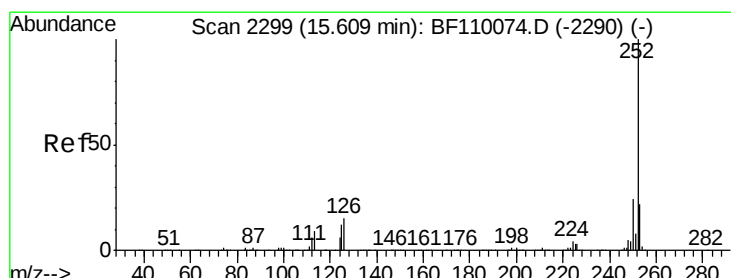
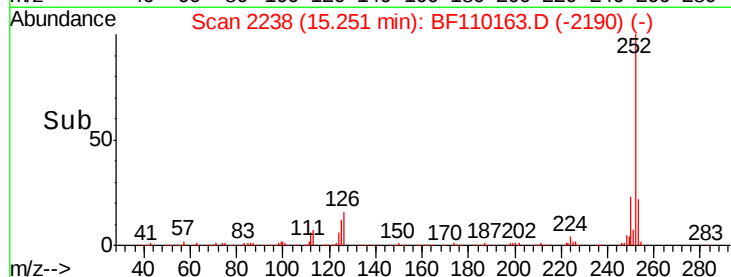
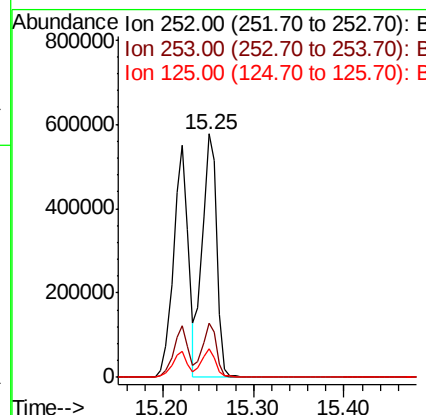
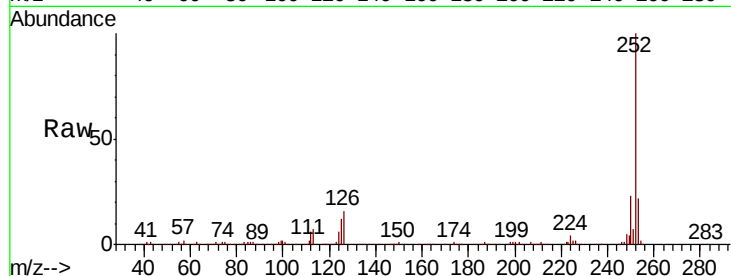
#89
Benzo(k)fluoranthene
Concen: 40.546 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	11.5	7.4	11.0

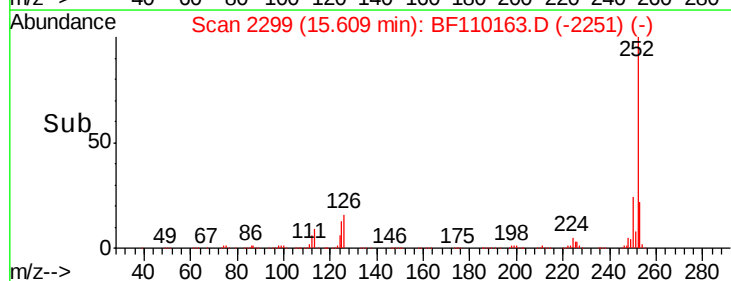
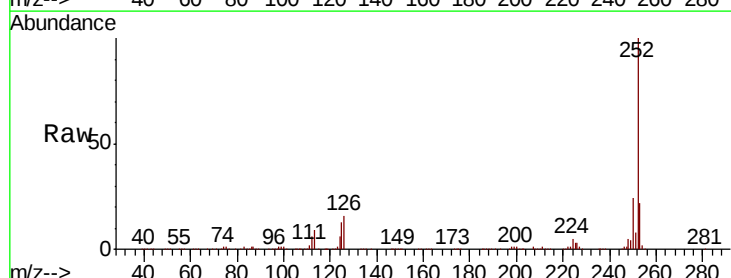
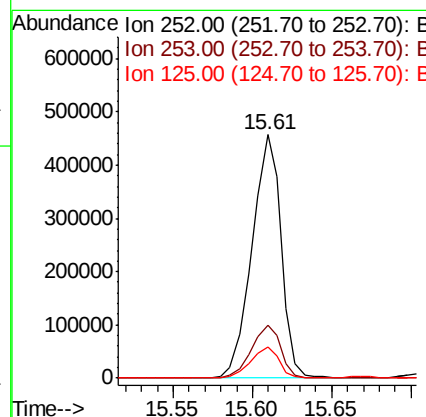
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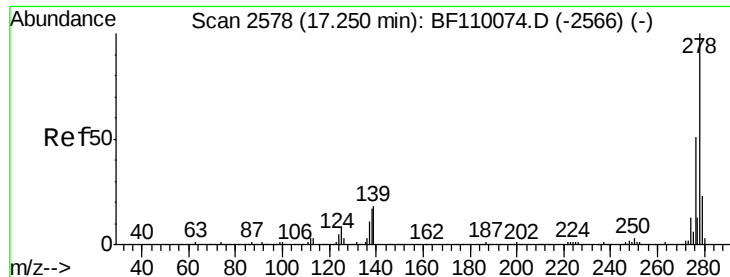
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#90
Benzo(a)pyrene
Concen: 39.257 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.4
125	12.9	9.0	13.6





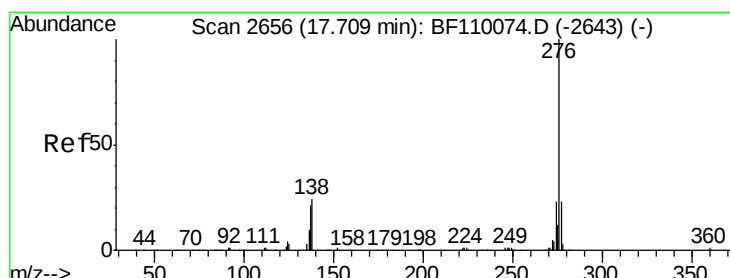
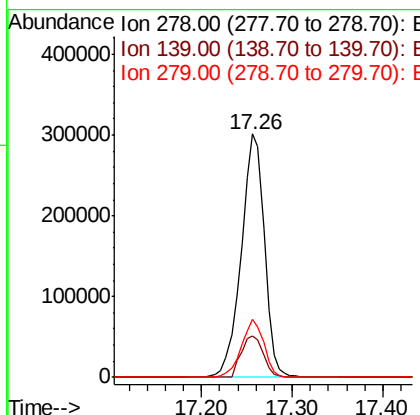
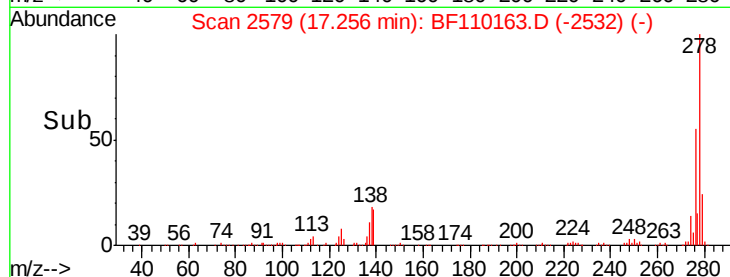
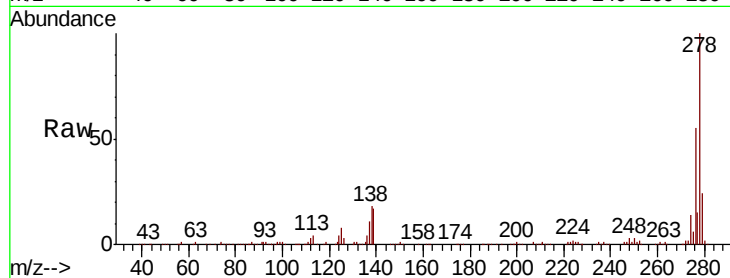
#91
Dibenzo(a,h)anthracene
Concen: 41.769 ng
RT: 17.26 min Scan# 2579
Delta R.T. -0.02 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.9	12.7	19.1
279	24.0	19.0	28.4

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#92
Benzo(g,h,i)perylene
Concen: 42.620 ng
RT: 17.72 min Scan# 2658
Delta R.T. -0.02 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.8	28.2
138	22.2	16.0	24.0

