

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118604.D
 Acq On : 20 Jan 2020 21:19
 Operator : CG/JU
 Sample : L1154-07MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B3-15-20MS

Manual Integrations
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Quant Time: Jan 21 02:56:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	484772	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1852297	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	1034792	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	1734486	20.00	ng	0.00
76) Chrysene-d12	14.04	240	1004982	20.00	ng	0.00
87) Perylene-d12	15.51	264	1059611	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	2371977	90.87	ng	0.01
7) Phenol-d6	6.51	99	3255591	95.96	ng	0.00
23) Nitrobenzene-d5	7.44	82	2003523	60.50	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	1065263	89.00	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	3821142	60.69	ng	0.00
79) Terphenyl-d14	12.99	244	3762306	81.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	561991	44.453	ng	99
3) Pyridine	3.52	79	1422704	39.927	ng	100
4) n-Nitrosodimethylamine	3.46	42	727866	47.646	ng	94
6) Aniline	6.55	93	737880	16.518	ng	97
8) 2-Chlorophenol	6.67	128	1515552	51.730	ng	99
9) Benzaldehyde	6.43	77	823079	39.893	ng	97
10) Phenol	6.52	94	1925219	49.796	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	1421853	49.568	ng	99
12) 1,3-Dichlorobenzene	6.82	146	1642320	47.894	ng	98
13) 1,4-Dichlorobenzene	6.90	146	1655985	48.108	ng	98
14) 1,2-Dichlorobenzene	7.05	146	1583742	48.943	ng	99
15) Benzyl Alcohol	7.02	79	1374506	51.090	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1919188	48.034	ng	99
17) 2-Methylphenol	7.13	107	1268334	51.973	ng	99
18) Hexachloroethane	7.40	117	602113	48.239	ng	97
19) n-Nitroso-di-n-propylamine	7.30	70	1135058	49.550	ng	97
20) 3+4-Methylphenols	7.28	107	1522784	51.109	ng	92
22) Acetophenone	7.29	105	1988000	45.306	ng	# 93
24) Nitrobenzene	7.46	77	1638014	48.307	ng	99
25) Isophorone	7.70	82	2975562	49.263	ng	98
26) 2-Nitrophenol	7.77	139	805861	55.731	ng	96
27) 2,4-Dimethylphenol	7.82	122	1435599	57.494	ng	100
28) bis(2-Chloroethoxy)methane	7.91	93	1844698	47.398	ng	99
29) 2,4-Dichlorophenol	8.02	162	1385340	50.189	ng	100
30) 1,2,4-Trichlorobenzene	8.10	180	1499640	46.857	ng	99
31) Naphthalene	8.19	128	4111809	49.140	ng	98
32) Benzoic acid	7.93	122	869161	46.381	ng	98
33) 4-Chloroaniline	8.22	127	225384	5.828	ng	98
34) Hexachlorobutadiene	8.31	225	890371	45.683	ng	99
35) Caprolactam	8.60	113	419465m	46.437	ng	
36) 4-Chloro-3-methylphenol	8.71	107	1365111	50.082	ng	98
37) 2-Methylnaphthalene	8.88	142	3002686	50.839	ng	100
38) 1-Methylnaphthalene	8.98	142	2830847	50.450	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1494134	46.147	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	1783716	109.191	nq	98
43) 2,4,6-Trichlorophenol	9.15	196	1064270	49.534	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	1072985	48.899	nq	98
46) 1,1'-Biphenyl	9.35	154	3473994	48.712	nq	99
47) 2-Chloronaphthalene	9.37	162	2852955	47.461	nq	99
48) 2-Nitroaniline	9.46	65	838276	45.365	nq	99
49) Acenaphthylene	9.79	152	4194469	49.600	nq	99
50) Dimethylphthalate	9.65	163	3422356	50.763	nq	99
51) 2,6-Dinitrotoluene	9.70	165	765753	50.723	nq	96
52) Acenaphthene	9.96	154	2819121	49.855	nq	99
53) 3-Nitroaniline	9.86	138	204468	11.861	nq	96
54) 2,4-Dinitrophenol	9.97	184	503289	83.505	nq	# 34
55) Dibenzofuran	10.13	168	3809270	48.610	nq	98
56) 4-Nitrophenol	10.03	139	1188106	91.298	nq	97
57) 2,4-Dinitrotoluene	10.10	165	980144	51.501	nq	94
58) Fluorene	10.47	166	2892935	47.025	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	921131	47.726	nq	100
60) Diethylphthalate	10.35	149	3100090	47.426	nq	98
61) 4-Chlorophenyl-phenylether	10.46	204	1597475	47.745	nq	99
62) 4-Nitroaniline	10.49	138	655590	37.076	nq	95
63) Azobenzene	10.62	77	3021547	47.730	nq	95
65) 4,6-Dinitro-2-methylphenol	10.51	198	397759	52.152	nq	98
66) n-Nitrosodiphenylamine	10.58	169	2692320	51.471	nq	98
67) 4-Bromophenyl-phenylether	10.95	248	1097771	51.229	nq	# 94
68) Hexachlorobenzene	11.02	284	1171941	48.238	nq	98
69) Atrazine	11.11	200	966185	53.292	nq	98
70) Pentachlorophenol	11.21	266	1220625	90.366	nq	98
71) Phenanthrene	11.43	178	3968925	47.430	nq	98
72) Anthracene	11.49	178	4099674	49.513	nq	98
73) Carbazole	11.63	167	3475638	45.764	nq	98
74) Di-n-butylphthalate	11.97	149	4204899	49.833	nq	97
75) Fluoranthene	12.62	202	3895036	44.133	nq	98
77) Benzidine	12.73	184	1124861	41.891	nq	98
78) Pyrene	12.84	202	3909388	57.298	nq	99
80) Butylbenzylphthalate	13.46	149	1659016	59.413	nq	97
81) Benzo(a)anthracene	14.03	228	2971937	49.160	nq	99
82) 3,3'-Dichlorobenzidine	13.99	252	356176	16.534	nq	96
83) Chrysene	14.07	228	2825315	48.763	nq	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	2124213	62.266	nq	100
85) Di-n-octyl phthalate	14.64	149	3123086	61.848	nq	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	3598104	71.470	nq	99
88) Benzo(b)fluoranthene	15.08	252	3004336	45.107	nq	99
89) Benzo(k)fluoranthene	15.12	252	2680022	43.432	nq	99
90) Benzo(a)pyrene	15.45	252	2674722	46.553	nq	99
91) Dibenzo(a,h)anthracene	17.01	278	2992437	58.880	nq	99
92) Benzo(g,h,i)perylene	17.44	276	3026736	61.337	nq	99

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

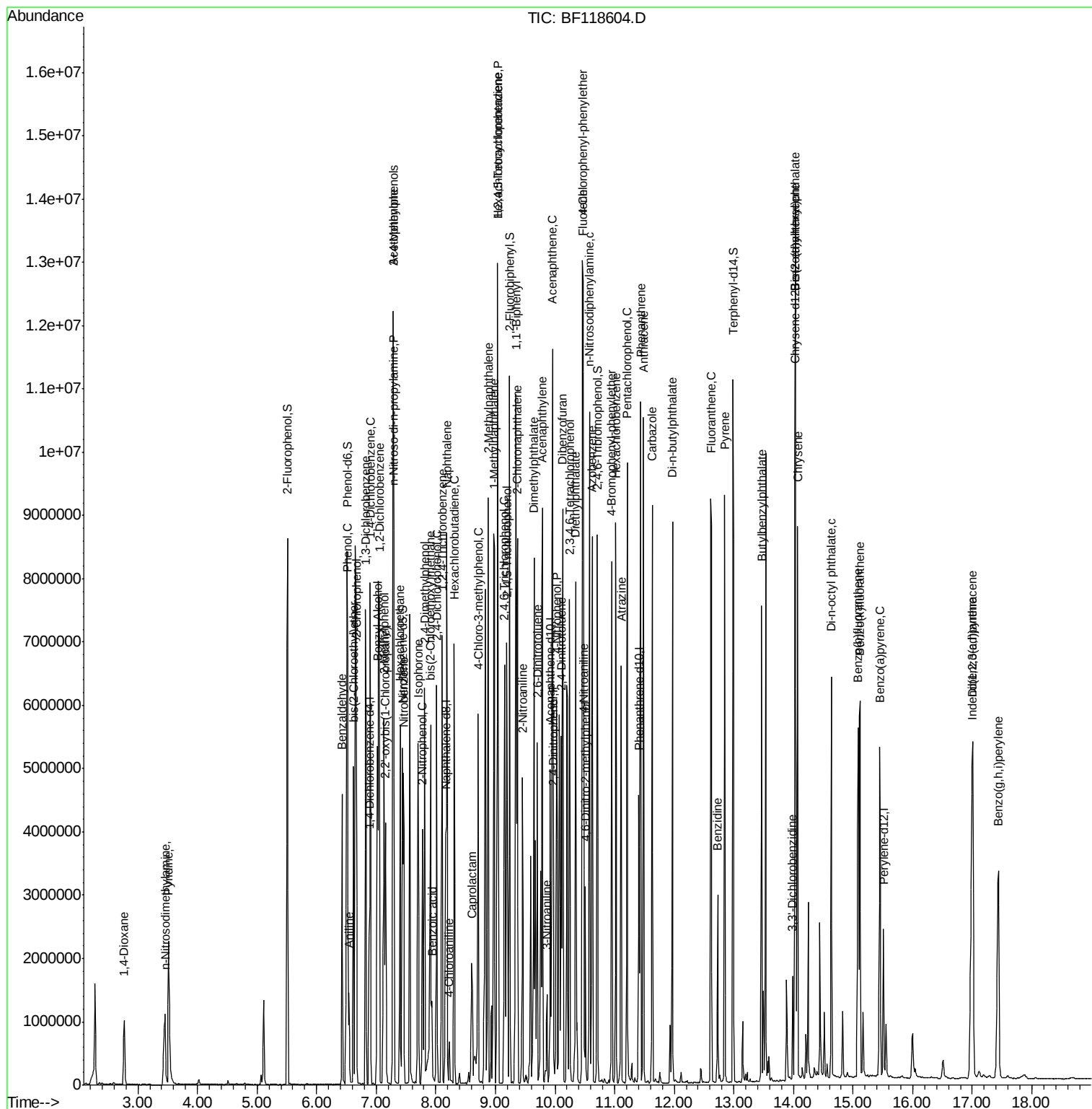
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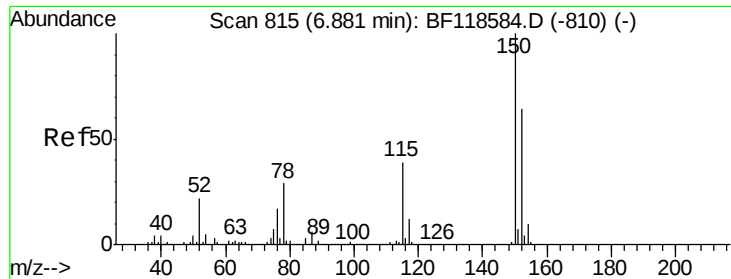
Instrument :
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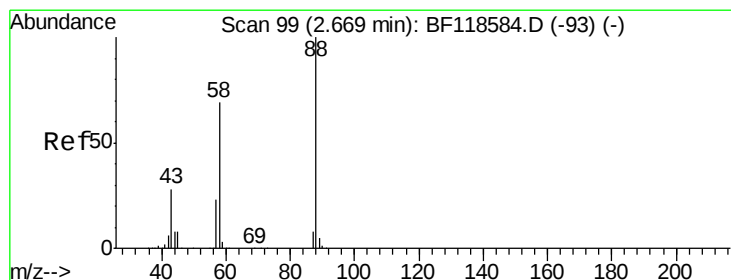
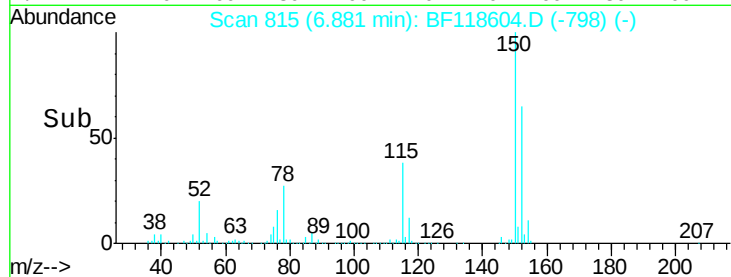
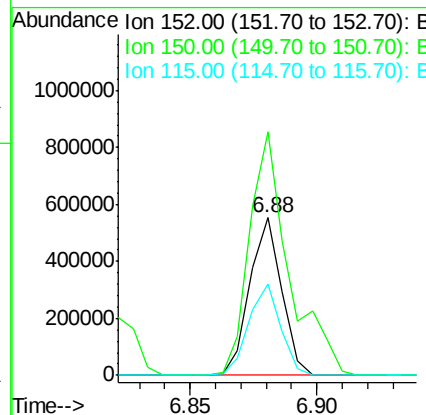
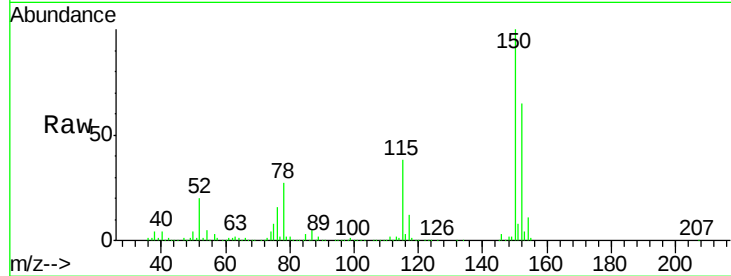
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Instrument :
BNA_F
ClientSampleId :
B3-15-20MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	125.6	188.4
115	58.3	48.4	72.6

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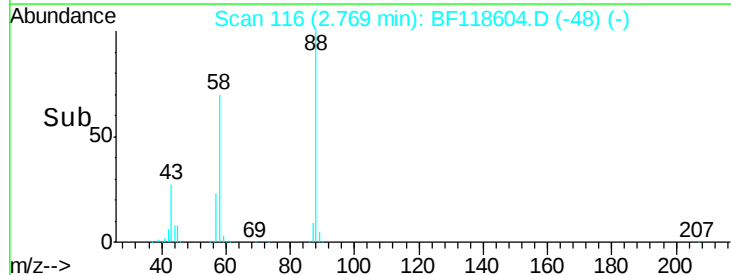
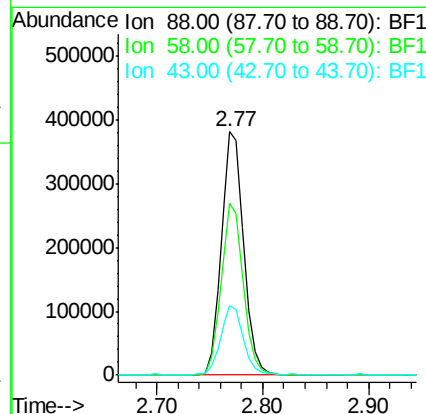
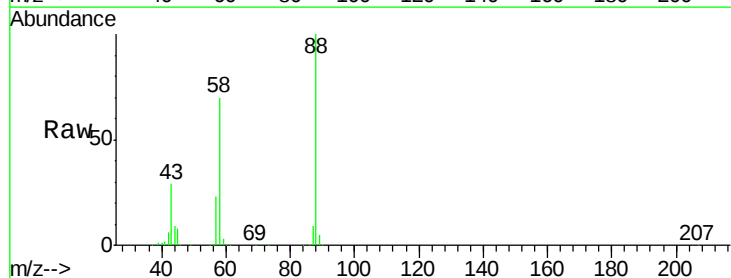
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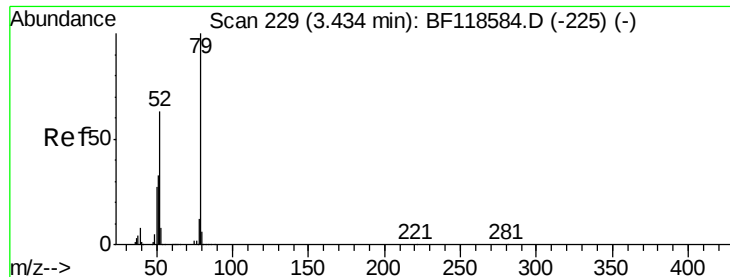


#2

1,4-Dioxane
Concen: 44.453 ng
RT: 2.77 min Scan# 116
Delta R.T. 0.10 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.6	56.1	84.1
43	28.2	23.0	34.6





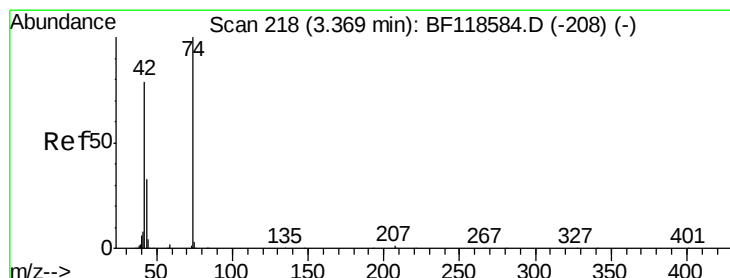
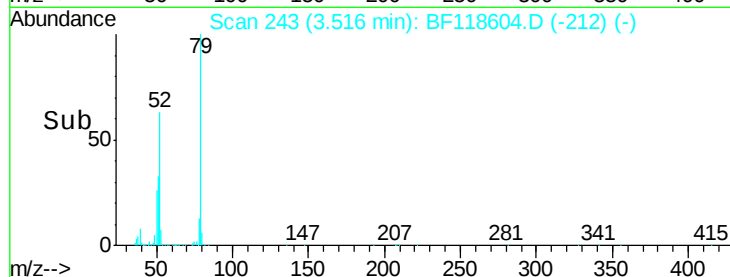
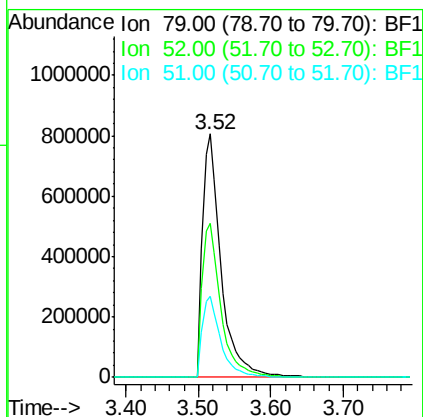
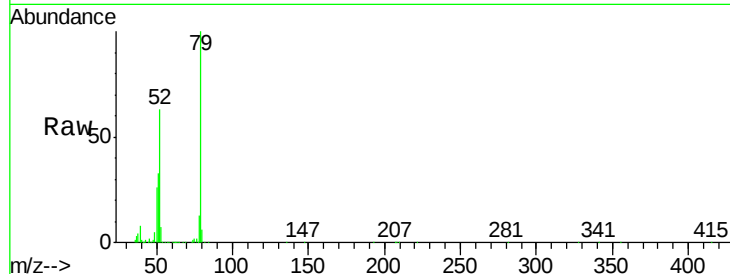
#3
Pvridine
Concen: 39.927 ng
RT: 3.52 min Scan# 243
Delta R.T. 0.08 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Instrument :
BNA_F
ClientSampleId :
B3-15-20MS

Tot Ion: 79 Resp: 1422704
Ion Ratio Lower Upper
79 100
52 63.1 50.7 76.1
51 33.1 26.6 40.0

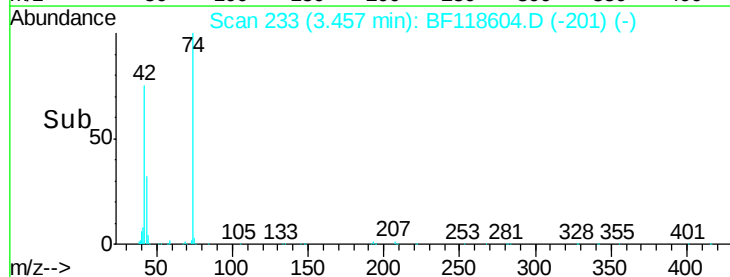
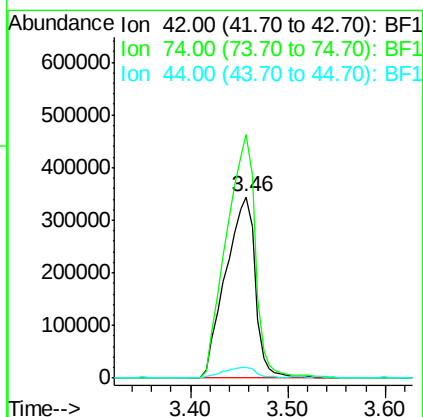
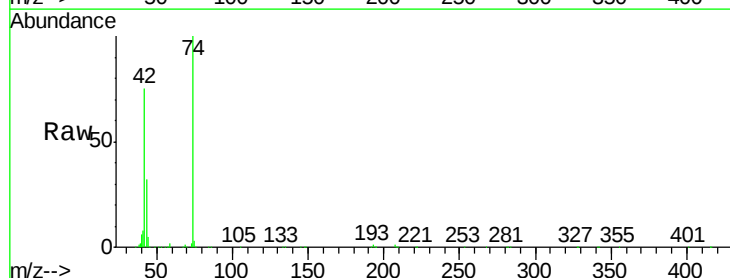
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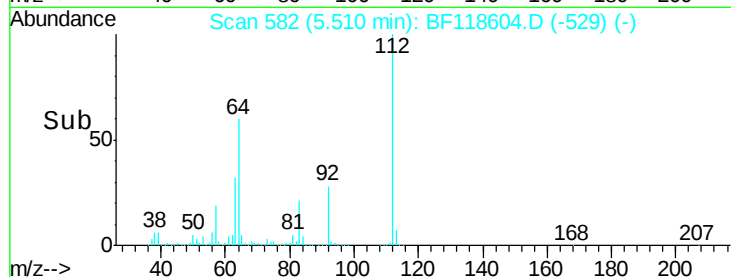
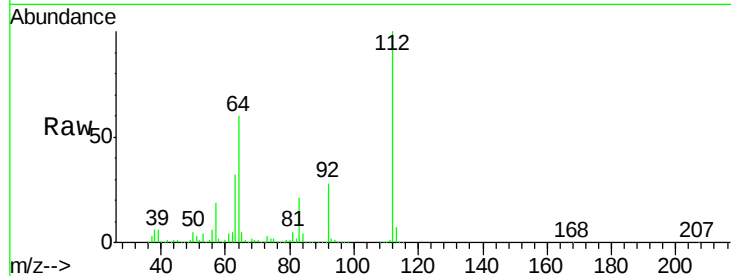
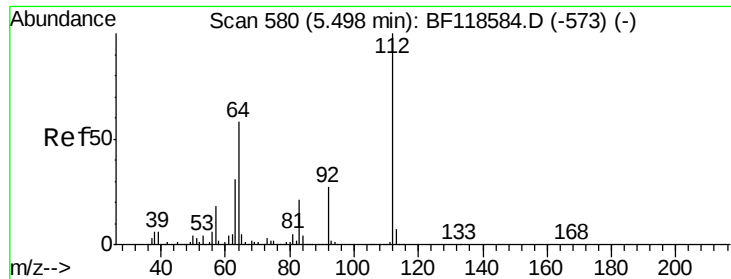
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#4
n-Nitrosodimethylamine
Concen: 47.646 ng
RT: 3.46 min Scan# 233
Delta R.T. 0.09 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Tgt Ion: 42 Resp: 727866
Ion Ratio Lower Upper
42 100
74 134.1 101.6 152.4
44 6.1 4.9 7.3





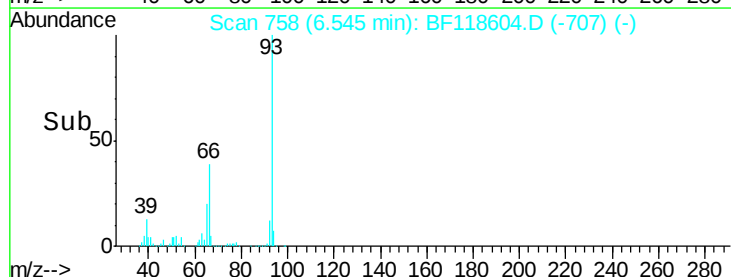
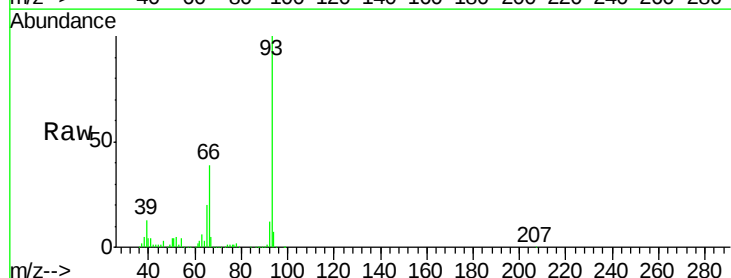
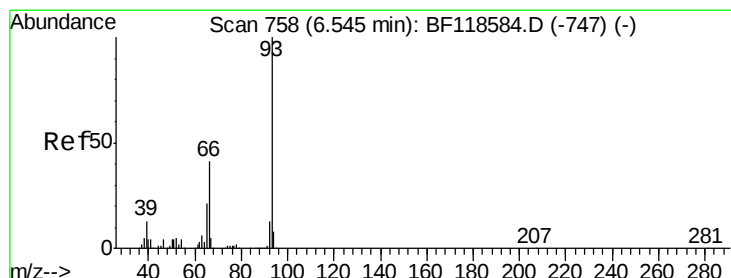
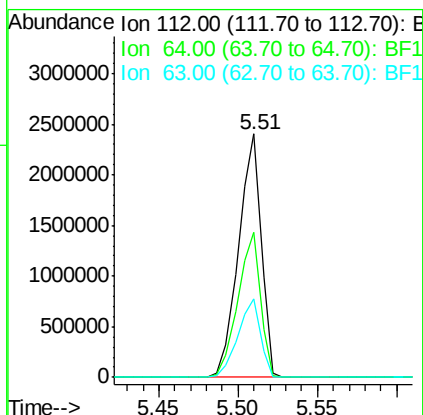
#5
2-Fluorophenol
Concen: 90.875 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Tot Ion	Ratio	Lower	Upper
112	100		
64	59.6	46.6	70.0
63	32.1	25.1	37.7

Instrument :
BNA_F
ClientSampleId :
B3-15-20MS

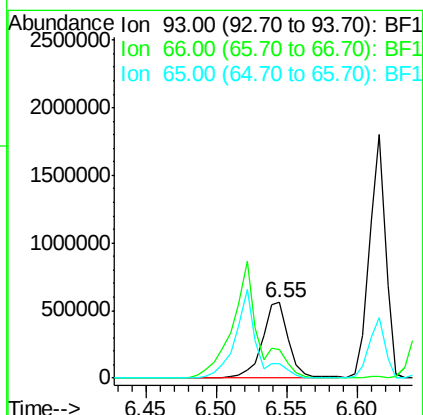
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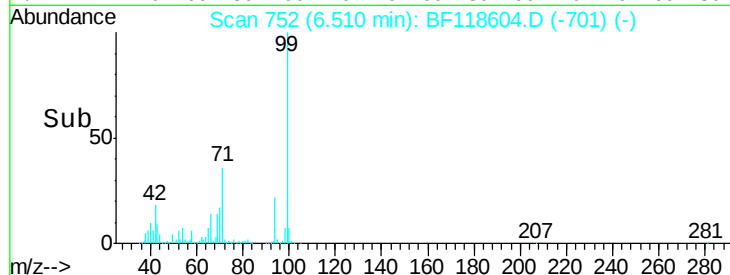
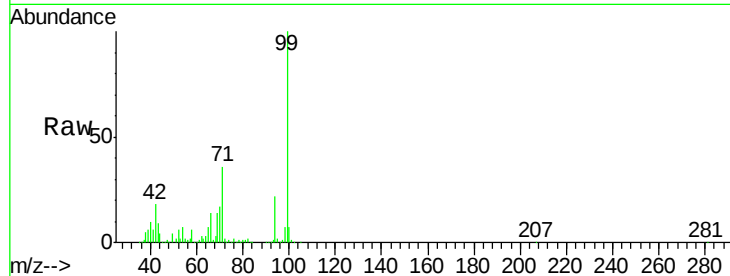
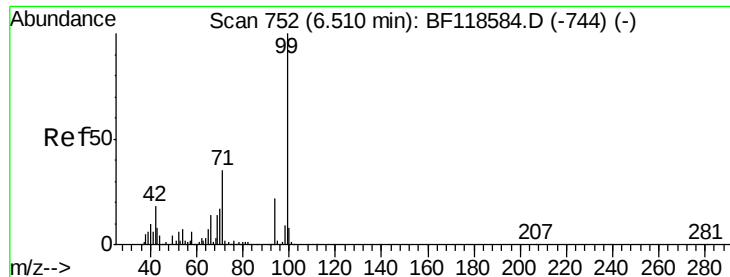
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#6
Aniline
Concen: 16.518 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Tgt Ion	Ratio	Lower	Upper
93	100		
66	38.6	32.8	49.2
65	19.8	16.5	24.7





#7

Phenol-d6

Concen: 95.963 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Tot Ion:	99	Resp:	3255591
Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.2	21.2
71	36.0	27.8	41.6

Instrument :

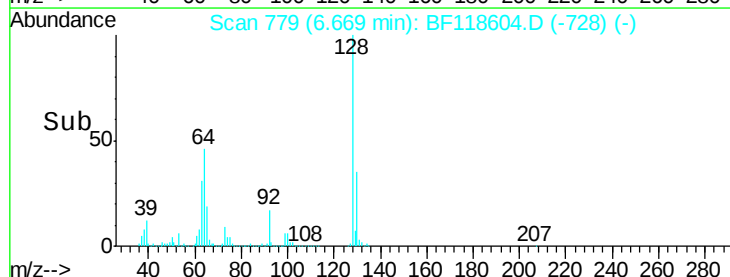
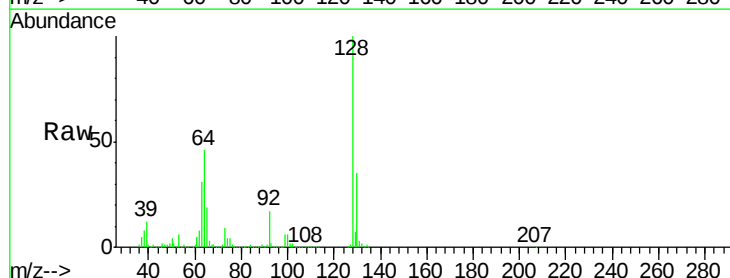
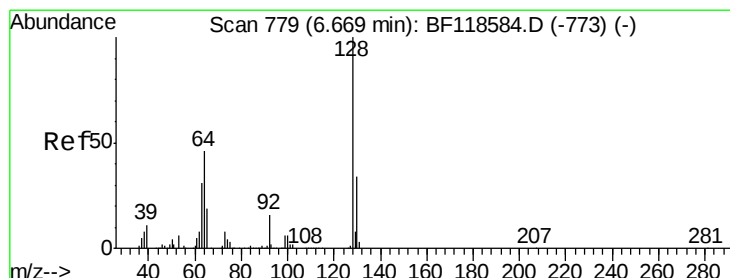
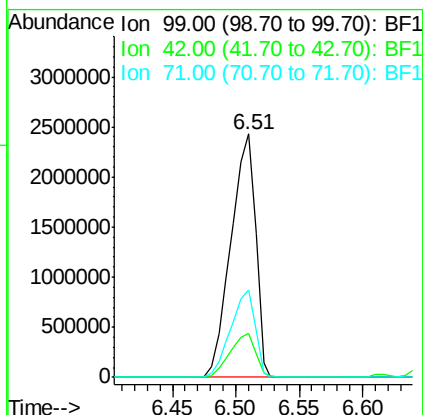
BNA_F

ClientSampleId :

B3-15-20MS

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#8

2-Chlorophenol

Concen: 51.730 ng

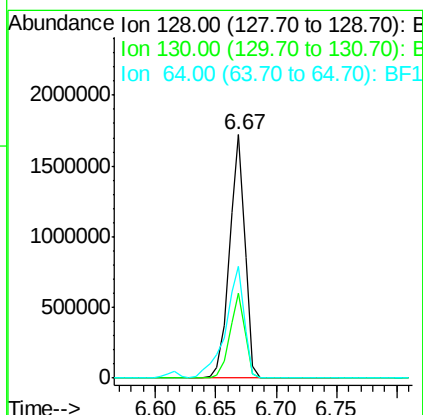
RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Tgt Ion:	128	Resp:	1515552
Ion	Ratio	Lower	Upper
128	100		
130	34.8	13.6	53.6
64	46.1	26.4	66.4





#9

Benzaldehyde

Concen: 39.893 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

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Acq: 20 Jan 2020 21:19

Instrument :

BNA_F

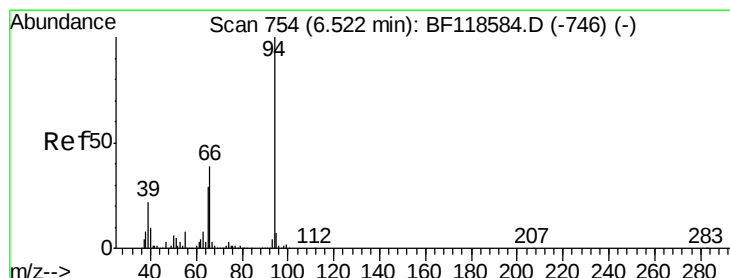
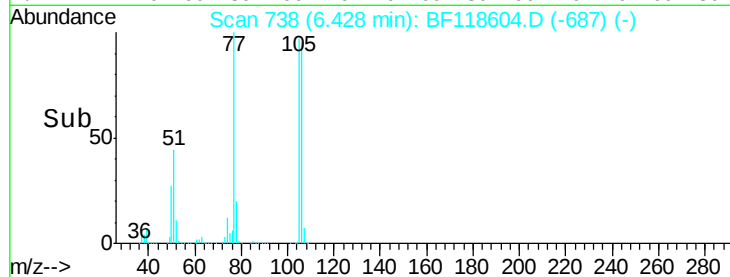
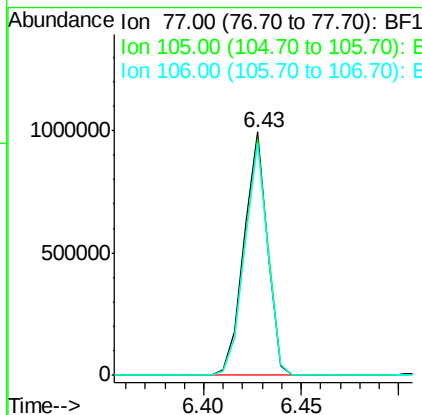
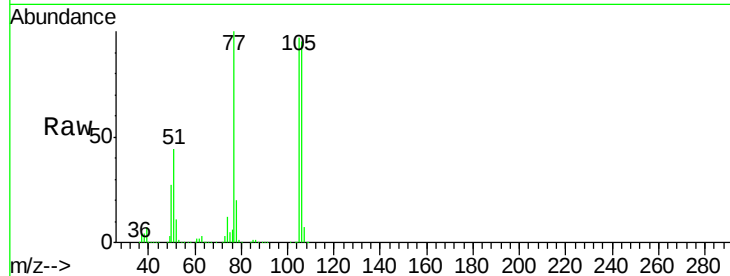
ClientSampleId :

B3-15-20MS

Tot Ion:	77	Resp:	823079
Ion	Ratio	Lower	Upper
77	100		
105	96.7	73.5	113.5
106	95.1	71.9	111.9

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#10

Phenol

Concen: 49.796 ng

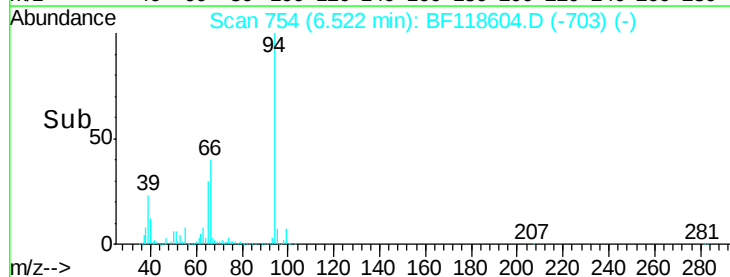
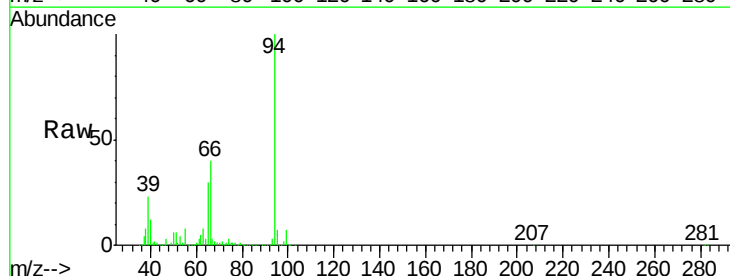
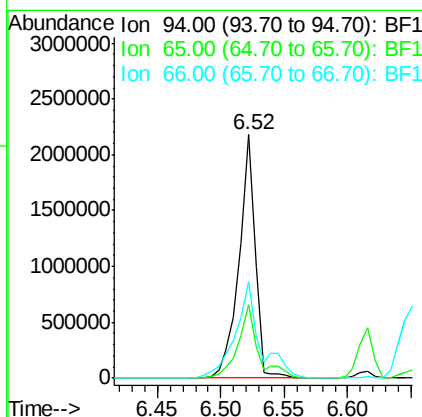
RT: 6.52 min Scan# 754

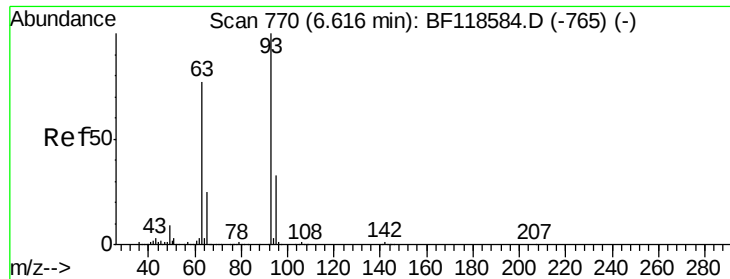
Delta R.T. 0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Tgt Ion:	94	Resp:	1925219
Ion	Ratio	Lower	Upper
94	100		
65	30.1	9.5	49.5
66	39.6	18.5	58.5





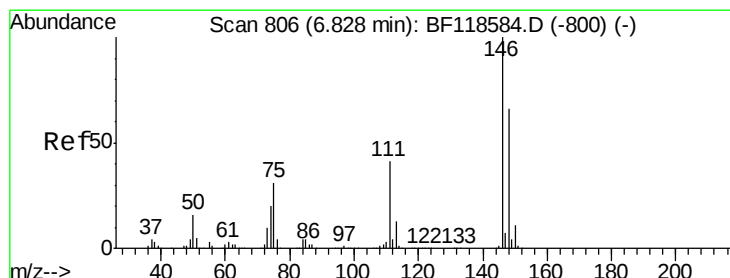
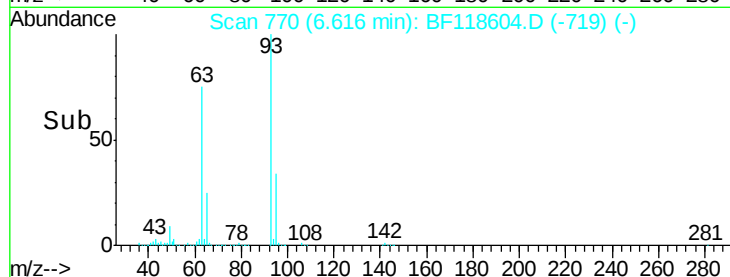
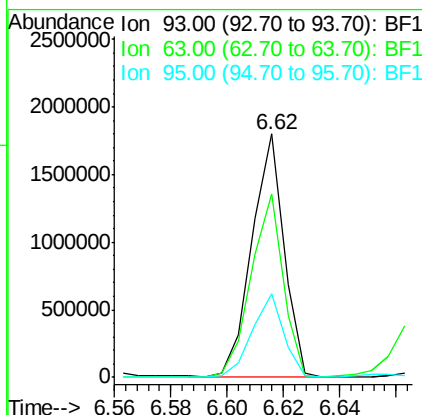
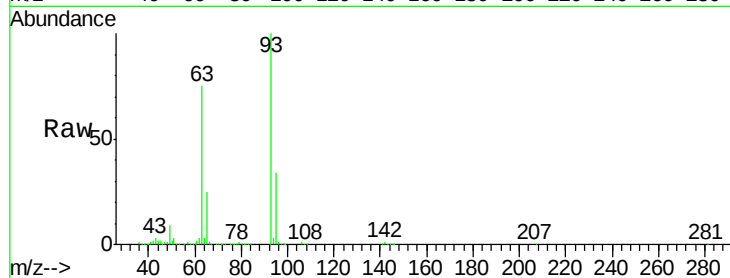
#11
bis(2-Chloroethyl)ether
Concen: 49.568 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Instrument :
BNA_F
ClientSampleId :
B3-15-20MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.2	56.3	96.3
95	34.2	13.3	53.3

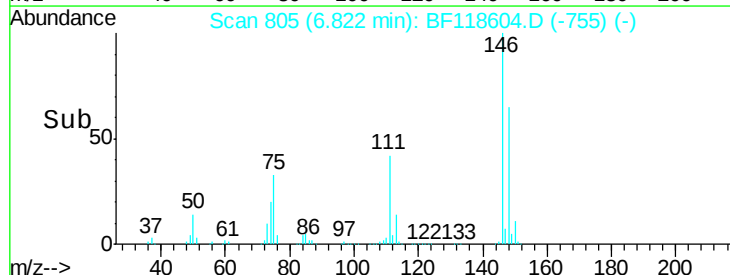
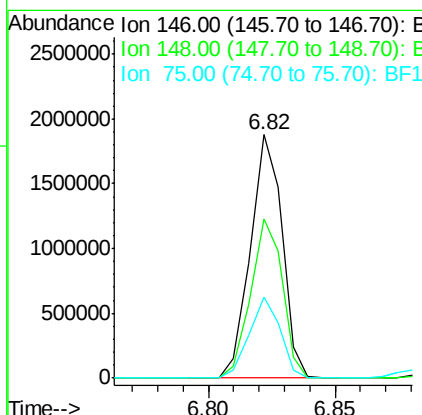
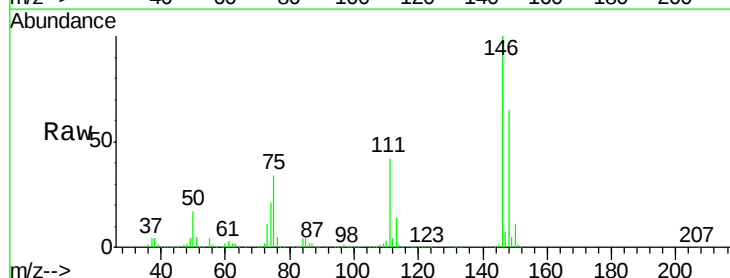
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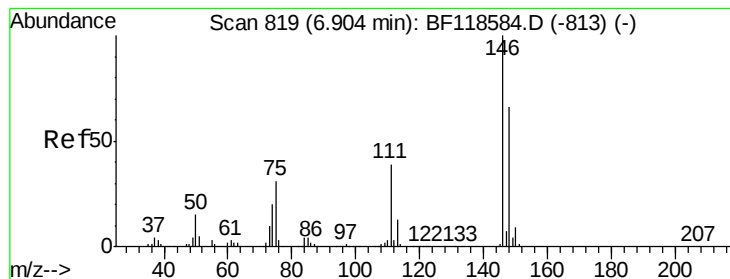
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#12
1,3-Dichlorobenzene
Concen: 47.894 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	53.0	79.6
75	33.5	25.1	37.7





#13

1,4-Dichlorobenzene

Concen: 48.108 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Instrument :

BNA_F

ClientSampleId :

B3-15-20MS

Tot Ion:146 Resp: 1655985

Ion Ratio Lower Upper

146 100

148 66.7 52.4 78.6

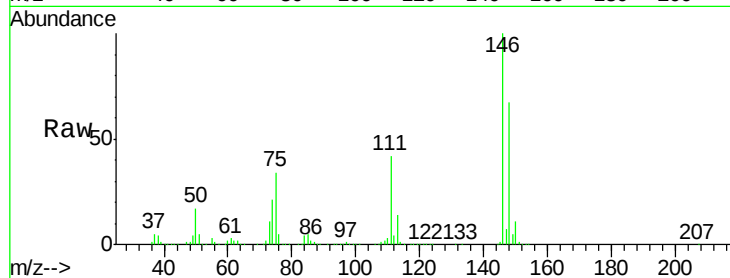
111 41.7 31.6 47.4

Manual Integrations

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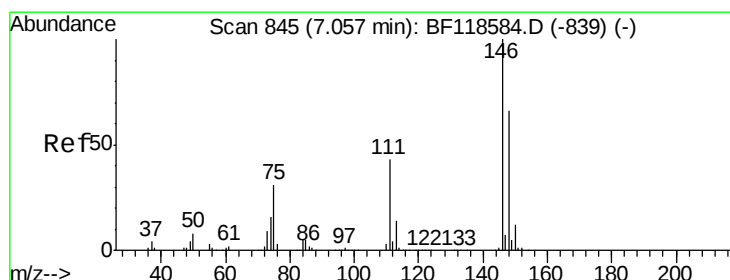
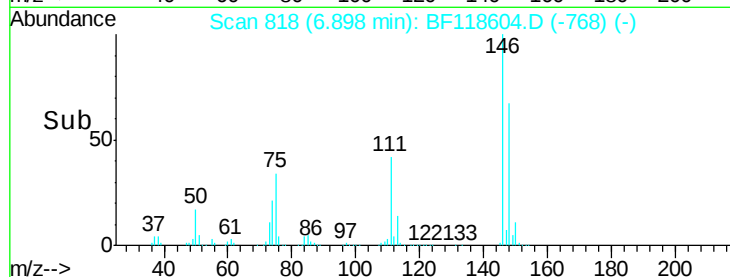
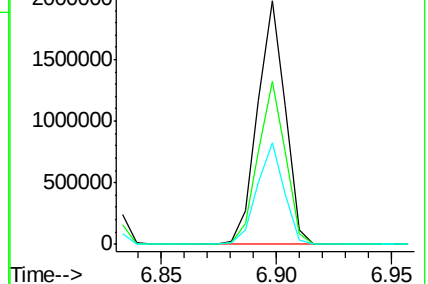
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Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 48.943 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

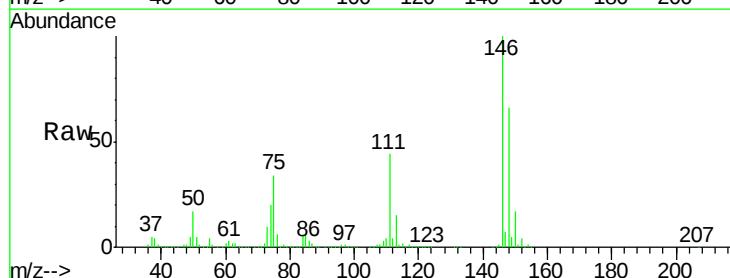
Tgt Ion:146 Resp: 1583742

Ion Ratio Lower Upper

146 100

148 65.6 52.7 79.1

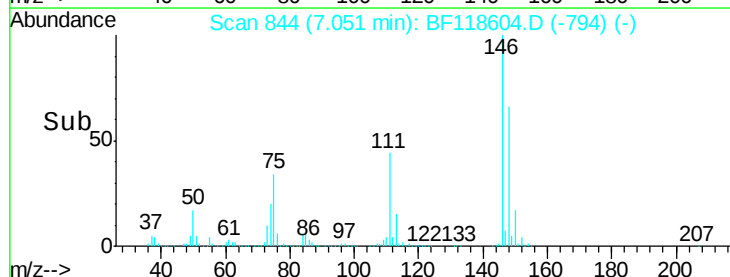
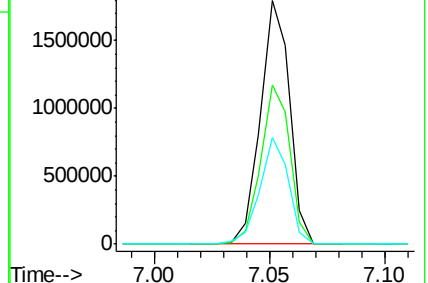
111 43.9 34.6 52.0

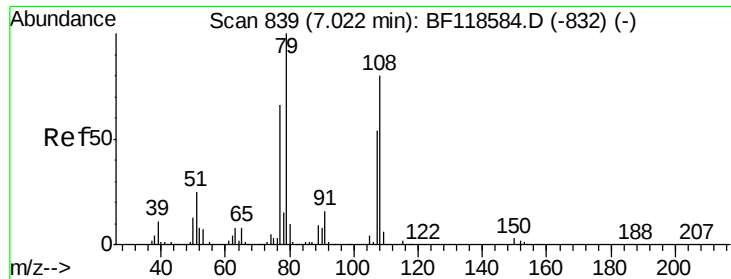


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 51.090 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Instrument :

BNA_F

ClientSampleId :

B3-15-20MS

Tot Ion: 79 Resp: 1374506

Ion Ratio Lower Upper

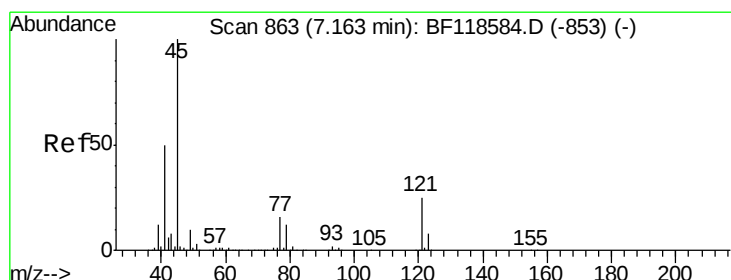
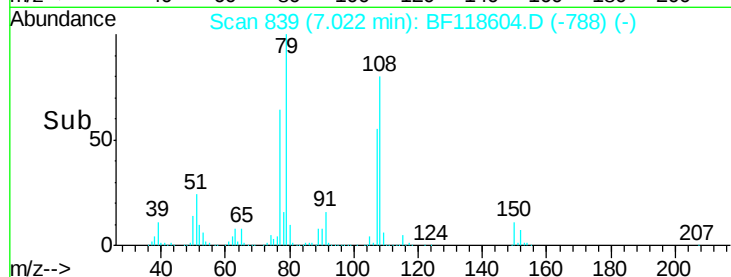
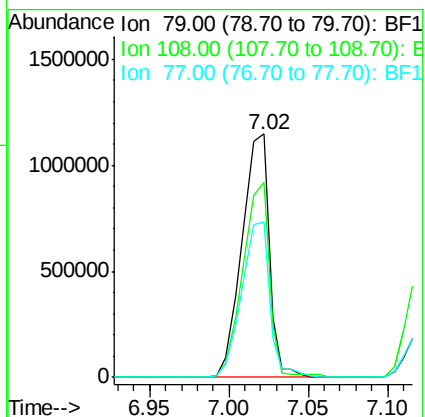
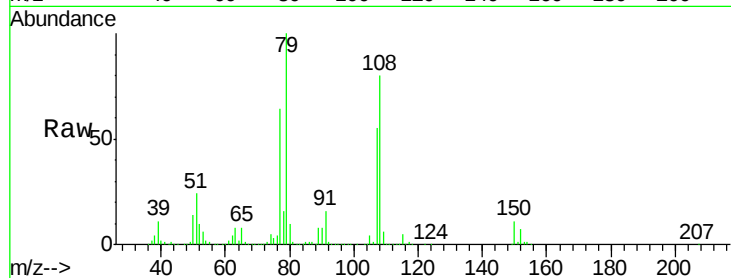
79 100

108 79.9 63.6 95.4

77 64.0 52.5 78.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 48.034 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

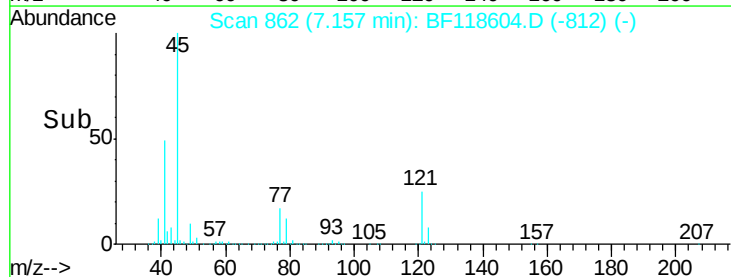
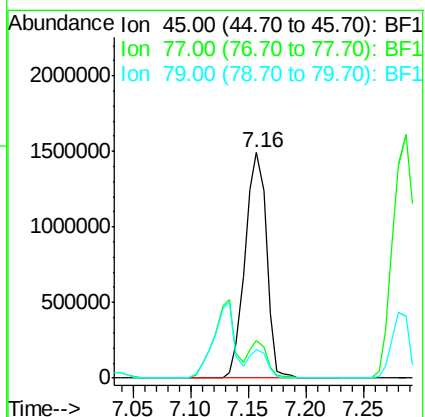
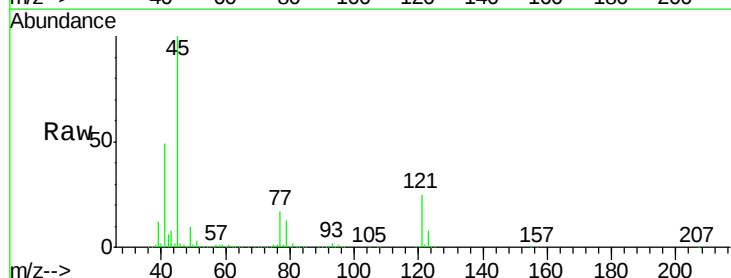
Tgt Ion: 45 Resp: 1919188

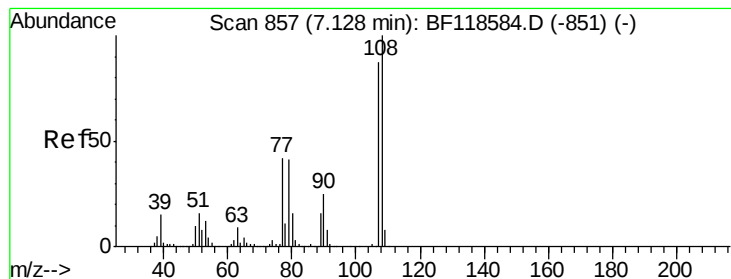
Ion Ratio Lower Upper

45 100

77 16.5 0.0 36.1

79 12.5 0.0 32.4





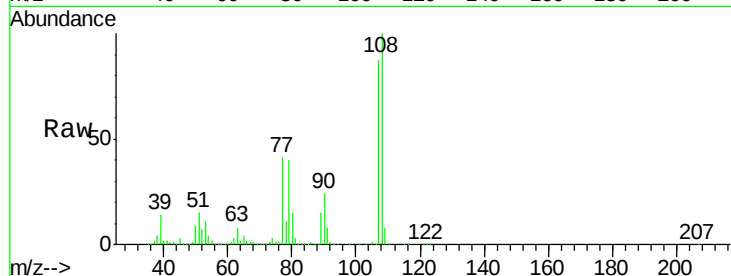
#17
2-Methylphenol
Concen: 51.973 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Instrument :
BNA_F
ClientSampleId :
B3-15-20MS

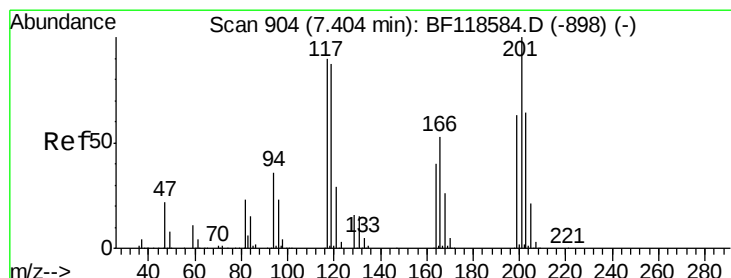
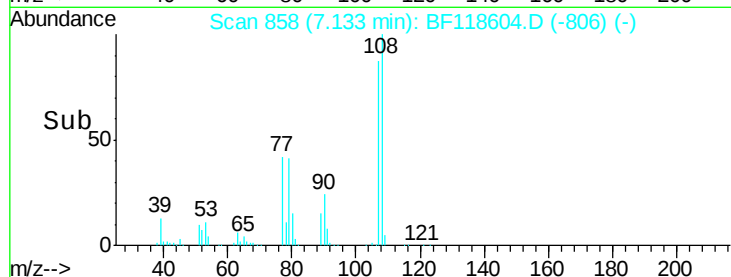
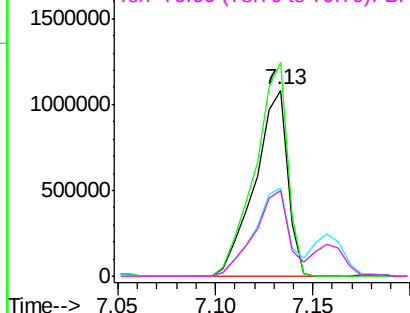
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.9	91.5	137.3
77	47.7	38.7	58.1
79	46.3	37.7	56.5

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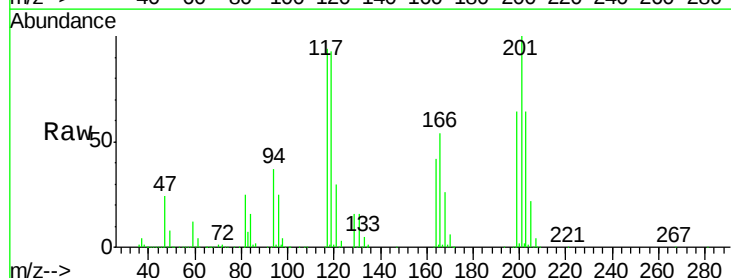


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

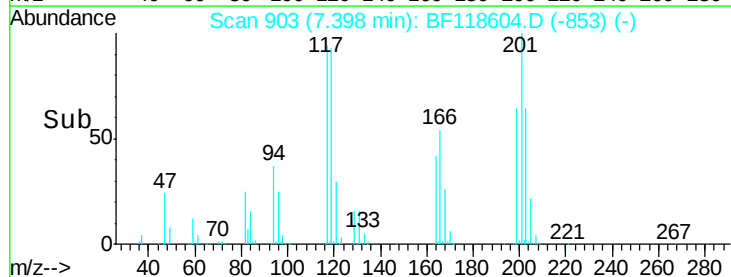
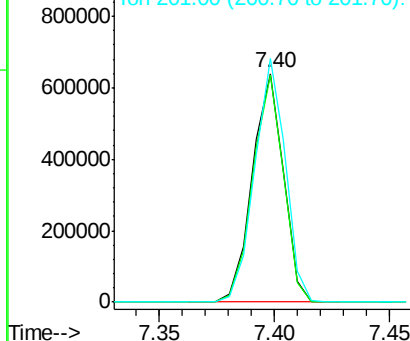


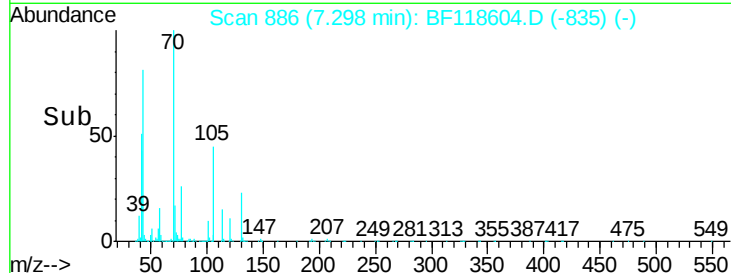
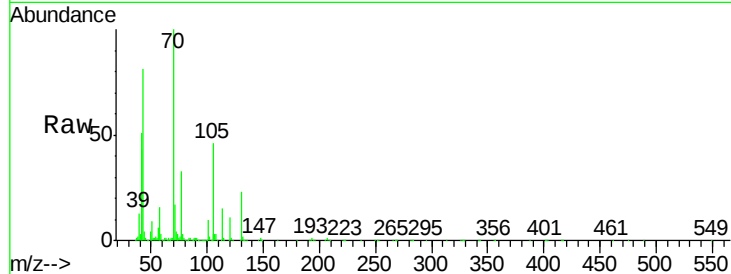
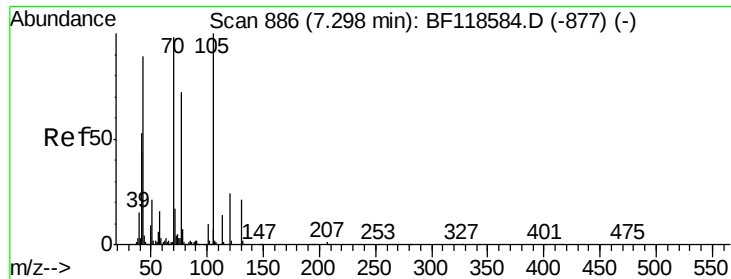
#18
Hexachloroethane
Concen: 48.239 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.4	77.6	116.4
201	106.6	88.8	133.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





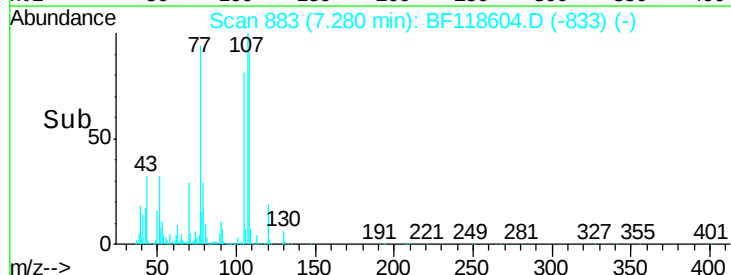
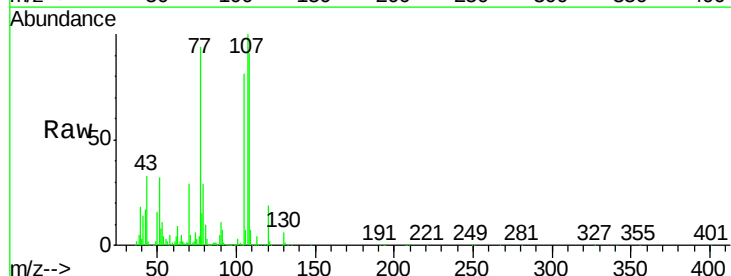
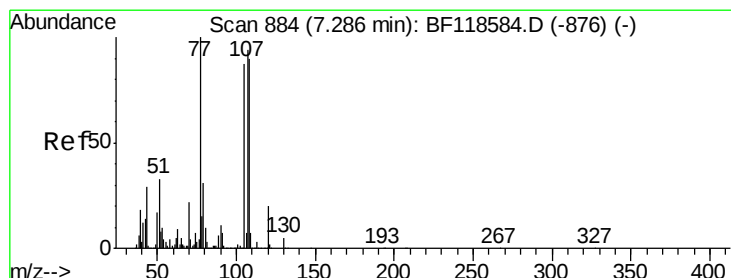
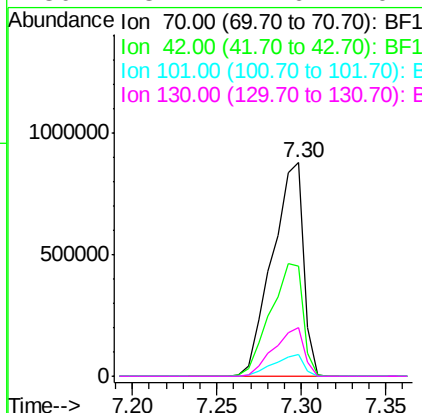
#19
n-Nitroso-di-n-propylamine
Concen: 49.550 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Instrument :
BNA_F
ClientSampleId :
B3-15-20MS

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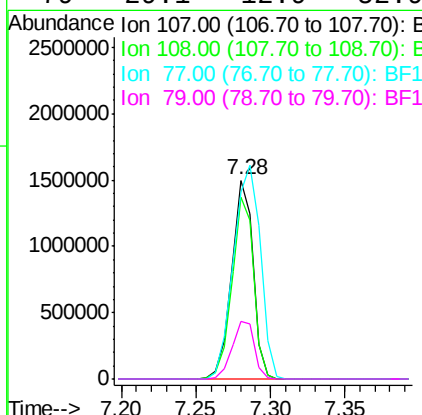
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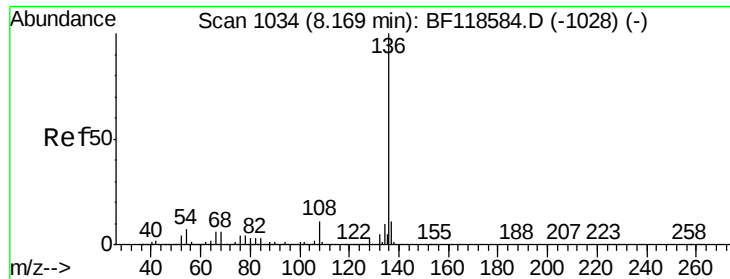
Tot Ion	70	Resp	1135058
Ion	Ratio	Lower	Upper
70	100		
42	51.5	43.4	65.0
101	10.1	8.1	12.1
130	23.1	17.6	26.4



#20
3+4-Methylphenols
Concen: 51.109 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Tgt Ion	107	Resp	1522784
Ion	Ratio	Lower	Upper
107	100		
108	91.2	75.8	115.8
77	94.3	86.5	126.5
79	29.1	12.9	52.9





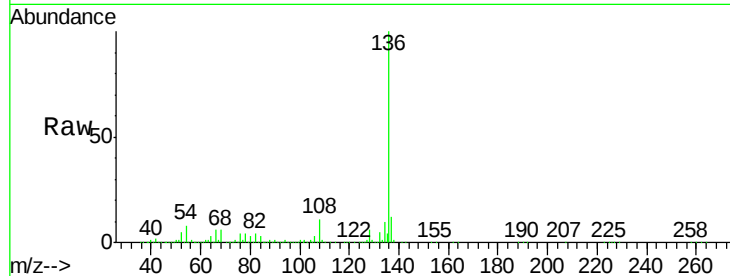
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Instrument :
BNA_F
ClientSampleId :
B3-15-20MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1852297		
137	11.6	9.1	13.7		
54	7.6	5.8	8.6		
68	6.2	5.0	7.4		

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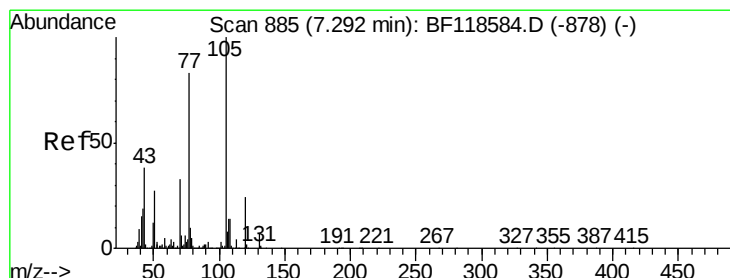
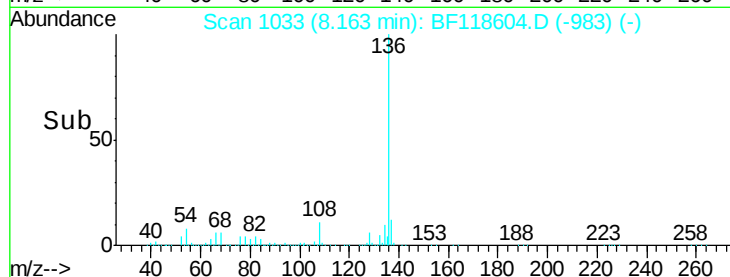
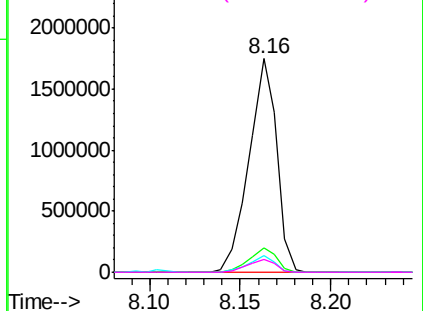
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 45.306 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1988000		
71	6.2	4.5	6.7		
51	34.2	21.5	32.3#		
120	24.3	19.0	28.6		

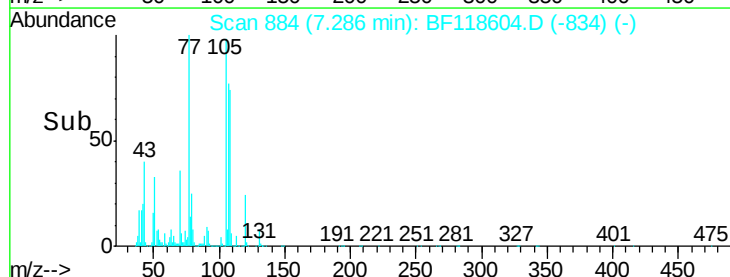
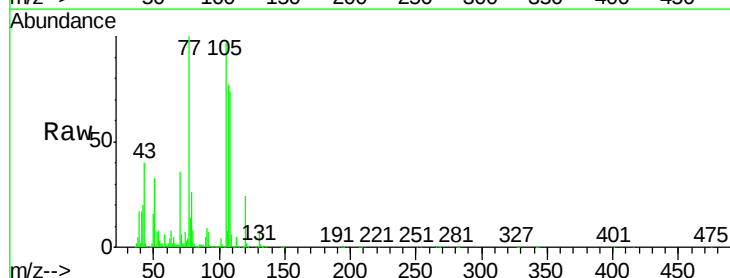
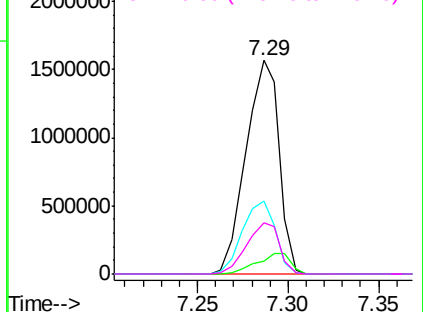
Abundance

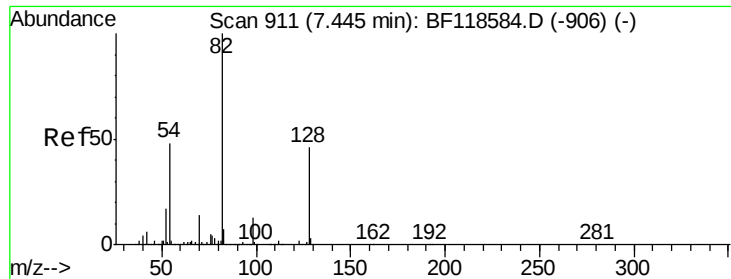
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





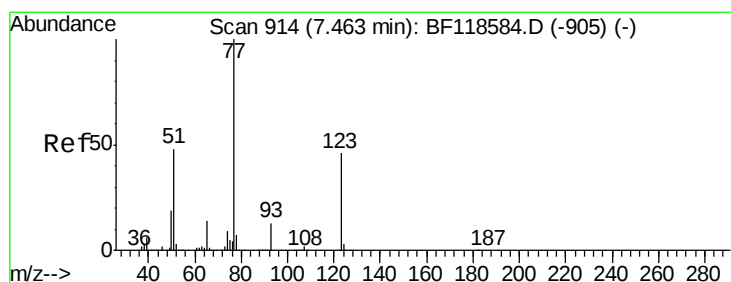
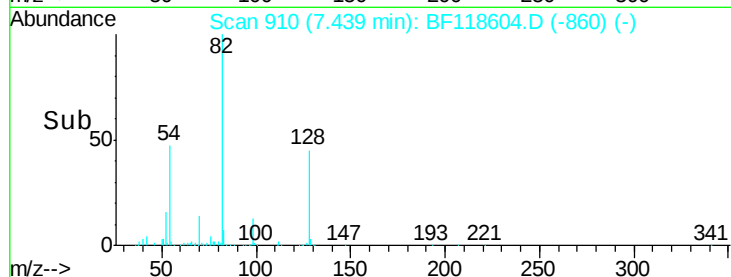
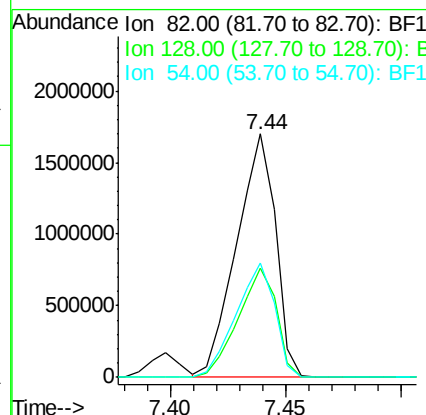
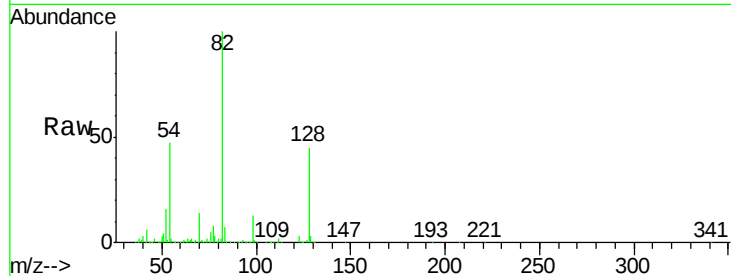
#23
 Nitrobenzene-d5
 Concen: 60.501 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF118604.D
 Acq: 20 Jan 2020 21:19

Instrument :
 BNA_F
 ClientSampleId :
 B3-15-20MS

Tot Ion: 82 Resp: 2003523
 Ion Ratio Lower Upper
 82 100
 128 44.7 36.6 54.8
 54 46.9 38.0 57.0

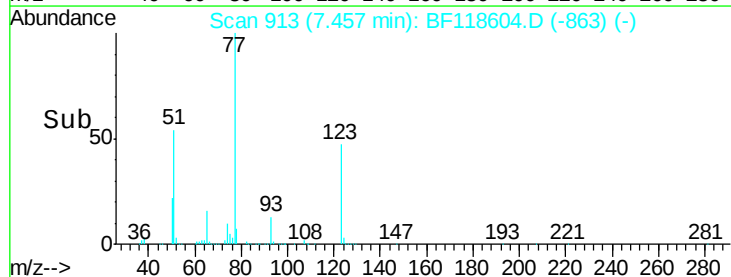
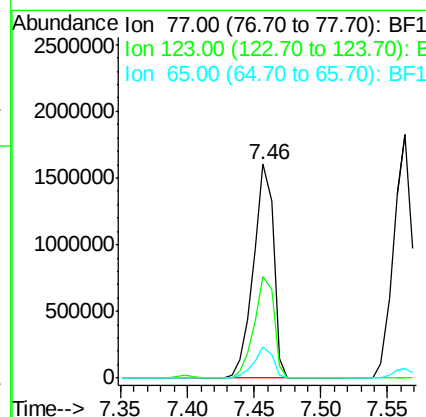
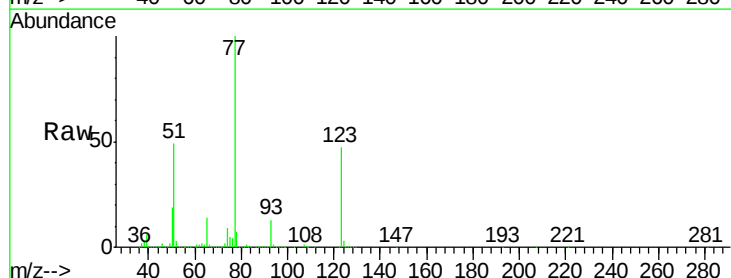
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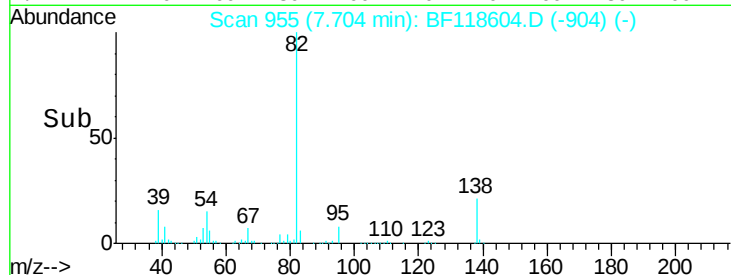
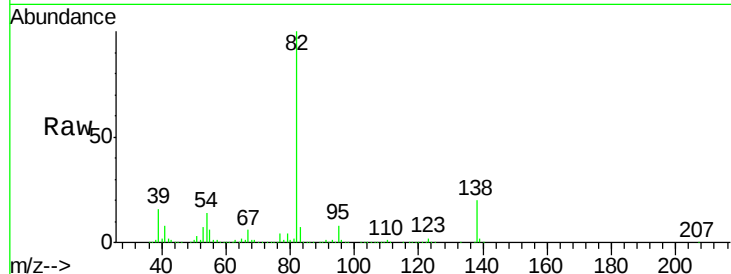
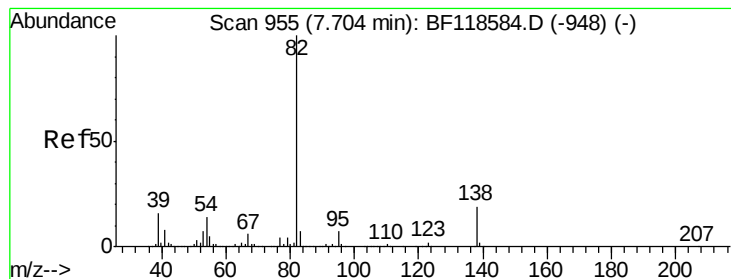
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#24
 Nitrobenzene
 Concen: 48.307 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF118604.D
 Acq: 20 Jan 2020 21:19

Tgt Ion: 77 Resp: 1638014
 Ion Ratio Lower Upper
 77 100
 123 47.2 37.0 55.4
 65 14.3 11.1 16.7





#25

Isophorone

Concen: 49.263 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Tot Ion:	82	Resp:	2975562
Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.9	8.9
138	19.9	15.3	22.9

Instrument :

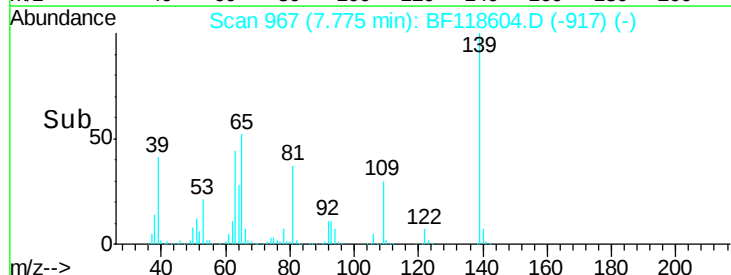
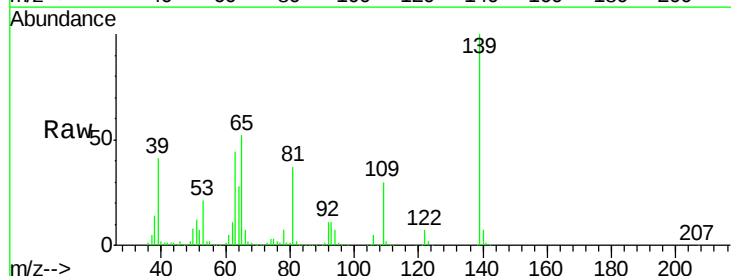
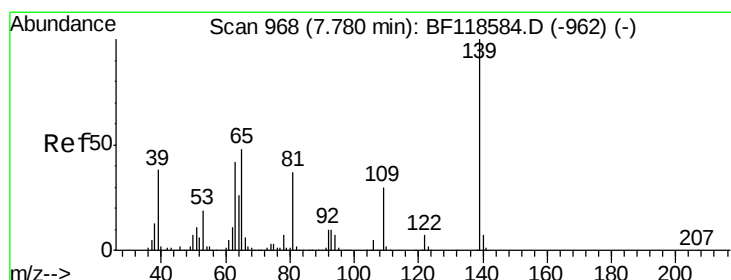
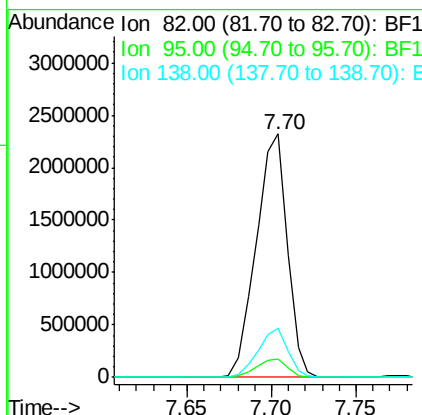
BNA_F

ClientSampleId :

B3-15-20MS

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#26

2-Nitrophenol

Concen: 55.731 ng

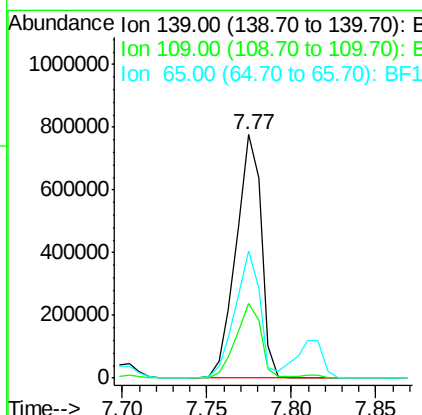
RT: 7.77 min Scan# 967

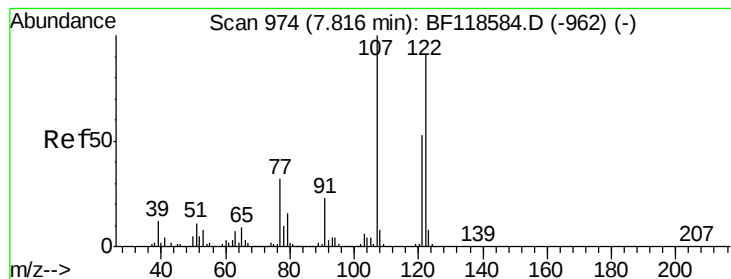
Delta R.T. -0.01 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Tgt Ion:	139	Resp:	805861
Ion	Ratio	Lower	Upper
139	100		
109	30.4	23.8	35.8
65	52.1	38.5	57.7





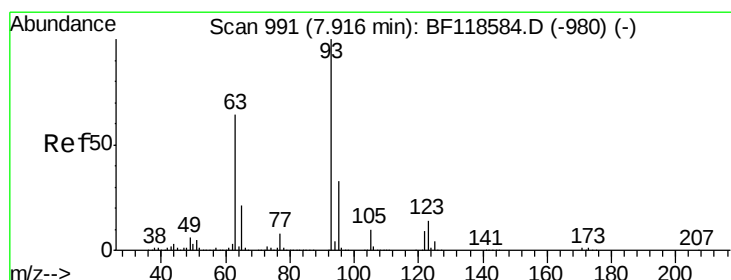
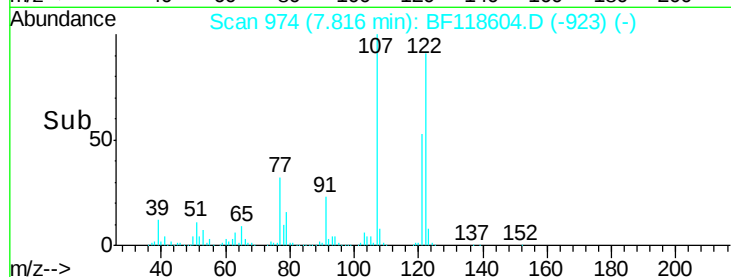
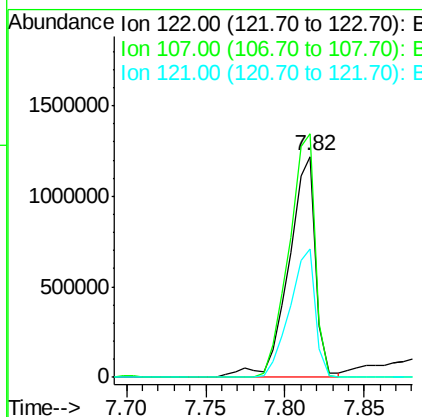
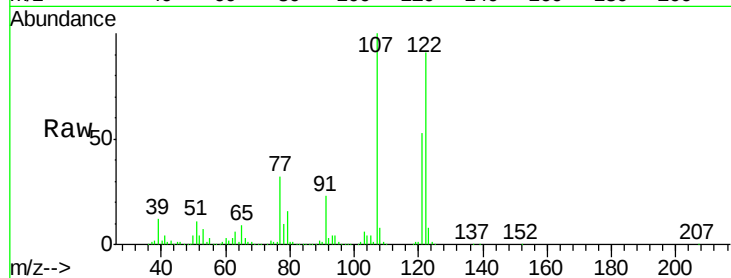
#27
 2,4-Dimethylphenol
 Concen: 57.494 ng
 RT: 7.82 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF118604.D
 Acq: 20 Jan 2020 21:19

Instrument :
 BNA_F
 ClientSampleId :
 B3-15-20MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.4	88.0	132.0
121	58.4	46.3	69.5

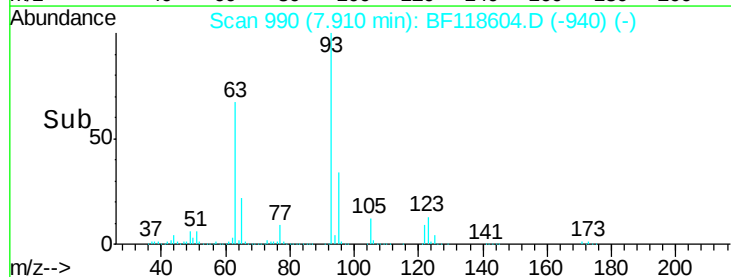
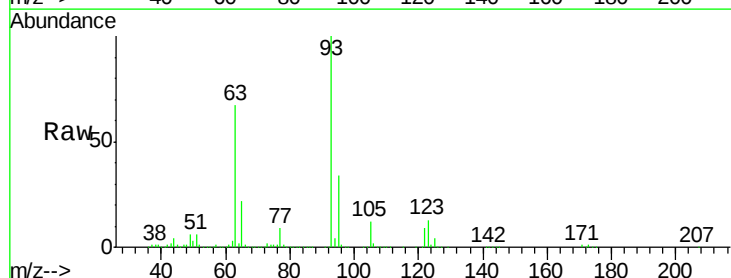
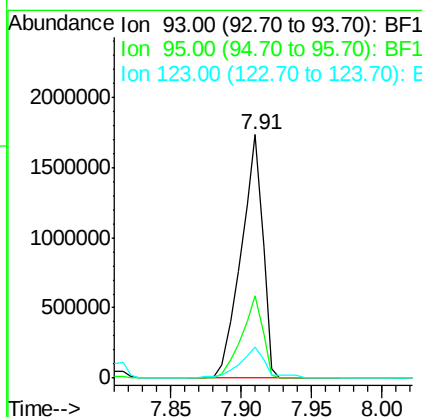
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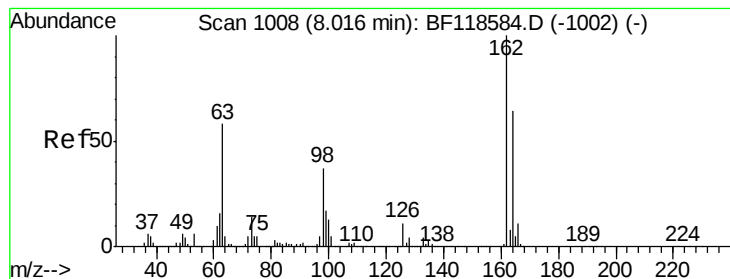
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 47.398 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF118604.D
 Acq: 20 Jan 2020 21:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.0	26.7	40.1
123	13.0	11.0	16.6





#29

2,4-Dichlorophenol

Concen: 50.189 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Instrument :

BNA_F

ClientSampleId :

B3-15-20MS

Tot Ion:162 Resp: 1385340

Ion Ratio Lower Upper

162 100

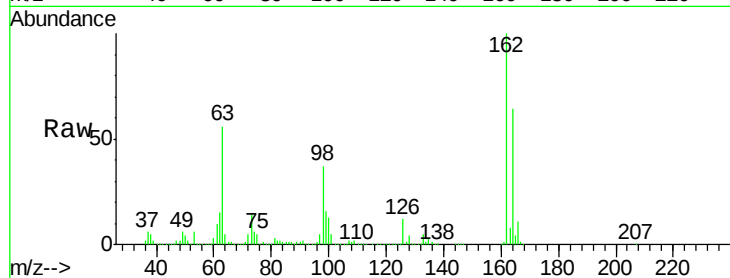
164 64.3 44.3 84.3

98 36.9 17.5 57.5

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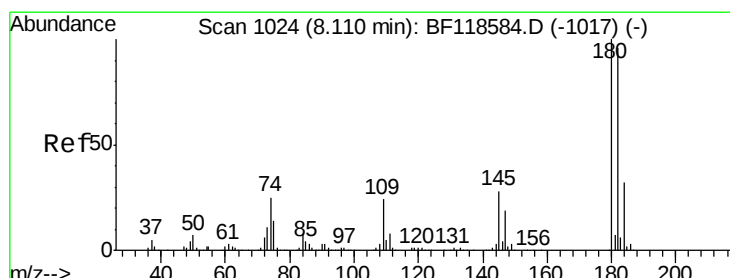
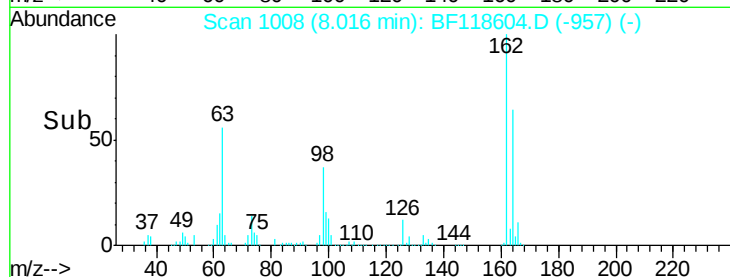
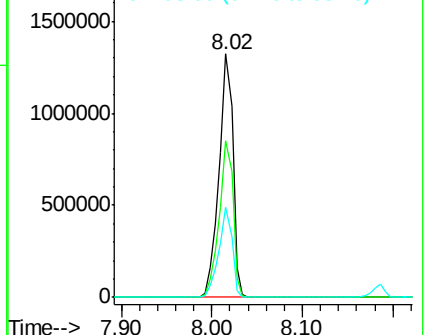
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 46.857 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

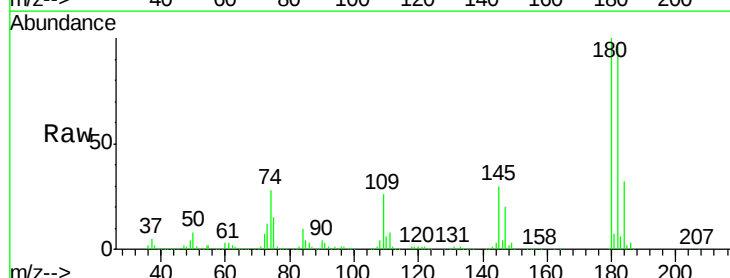
Tgt Ion:180 Resp: 1499640

Ion Ratio Lower Upper

180 100

182 96.4 76.9 115.3

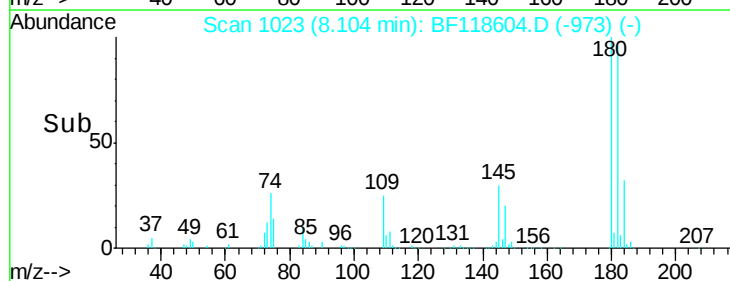
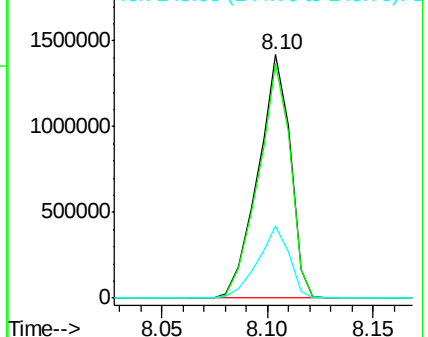
145 29.8 22.8 34.2

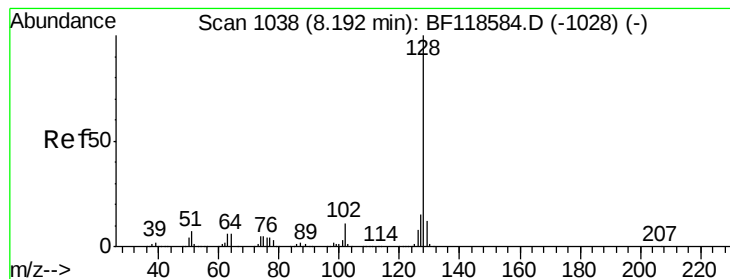


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 49.140 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Instrument :

BNA_F

ClientSampleId :

B3-15-20MS

Tot Ion:128 Resp: 4111809

Ion Ratio Lower Upper

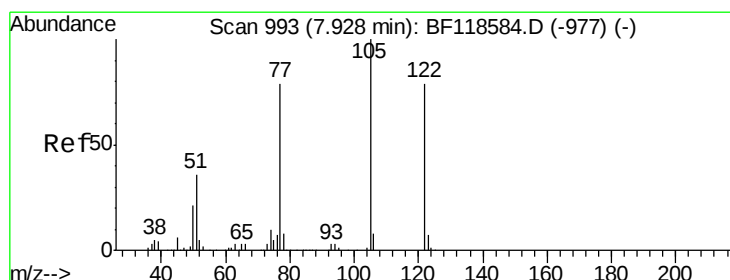
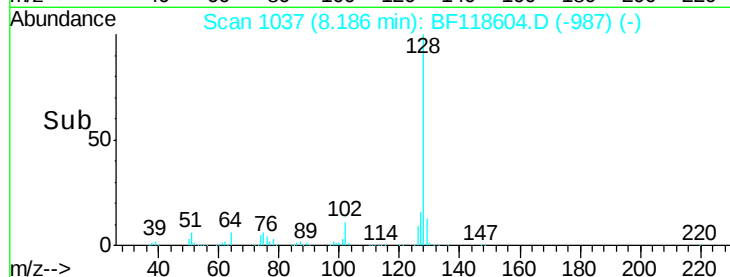
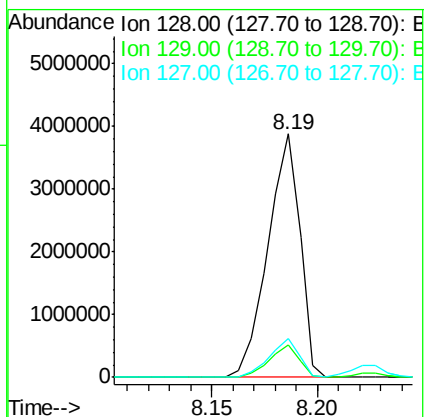
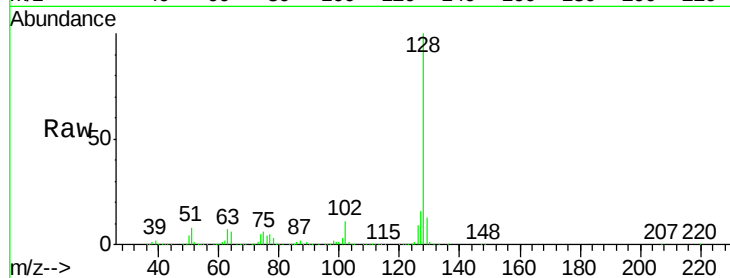
128 100

129 13.4 9.9 14.9

127 15.7 12.0 18.0

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#32

Benzoic acid

Concen: 46.381 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.01 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

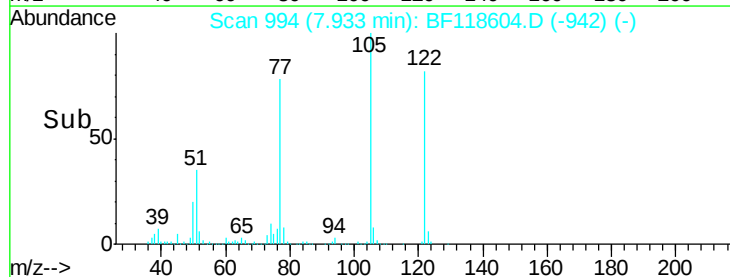
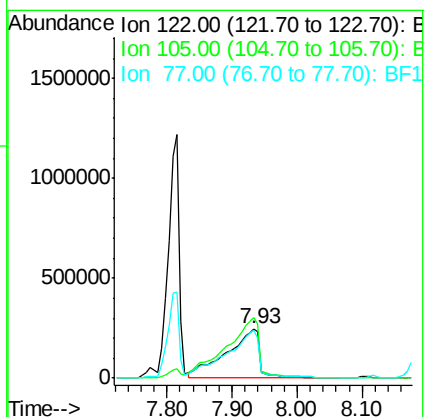
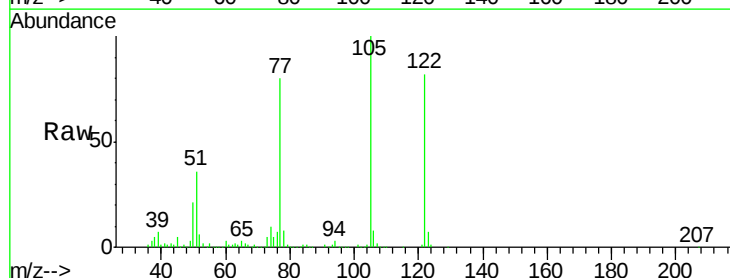
Tgt Ion:122 Resp: 869161

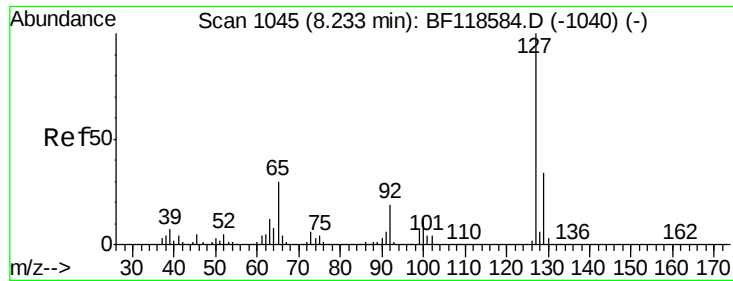
Ion Ratio Lower Upper

122 100

105 121.9 104.3 144.3

77 97.1 79.4 119.4





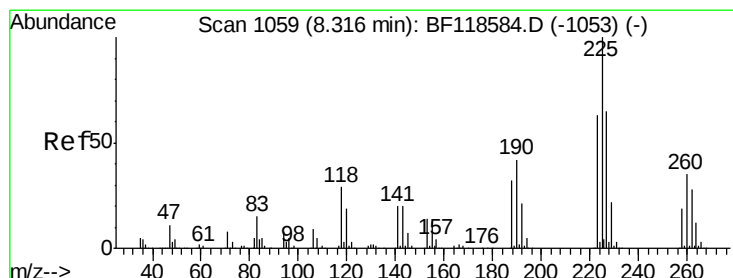
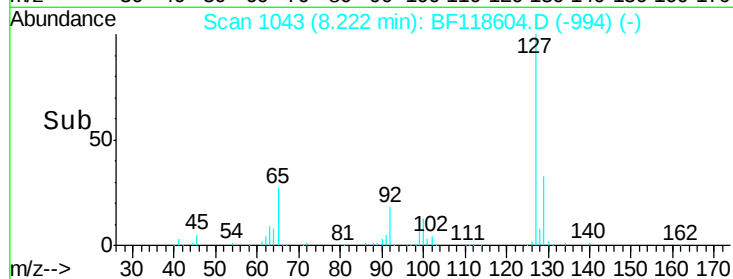
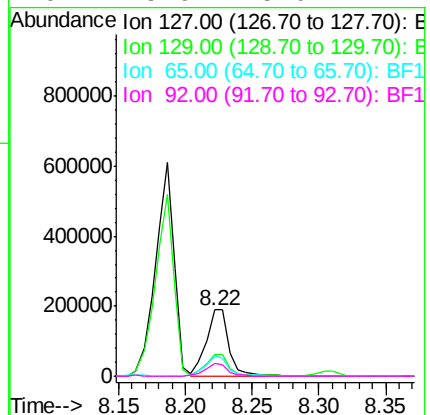
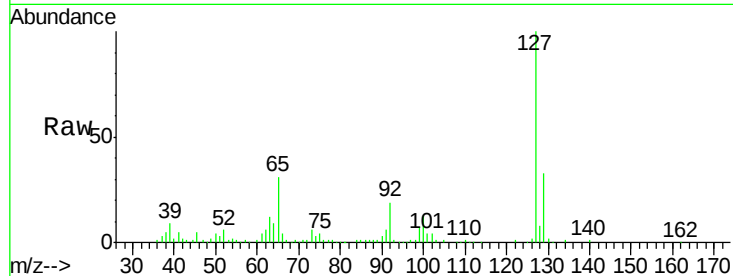
#33
 4-Chloroaniline
 Concen: 5.828 ng
 RT: 8.22 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF118604.D
 Acq: 20 Jan 2020 21:19

Instrument :
 BNA_F
 ClientSampleId :
 B3-15-20MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	225384		
129	32.8		27.4	41.0
65	31.3		23.6	35.4
92	18.6		15.0	22.4

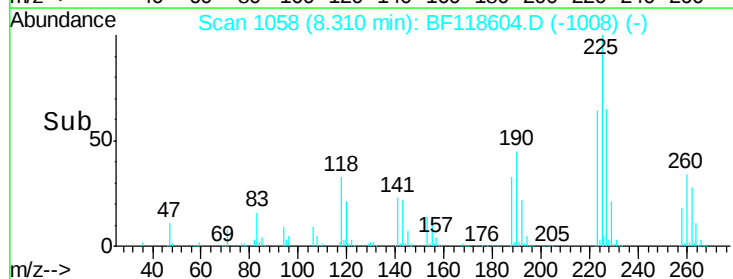
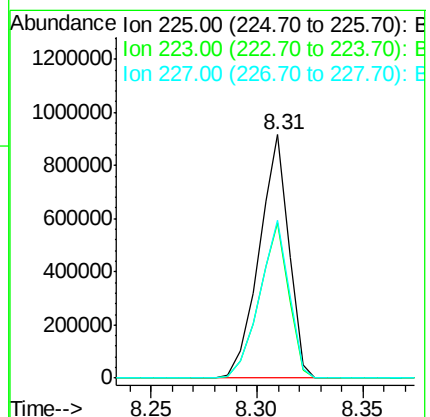
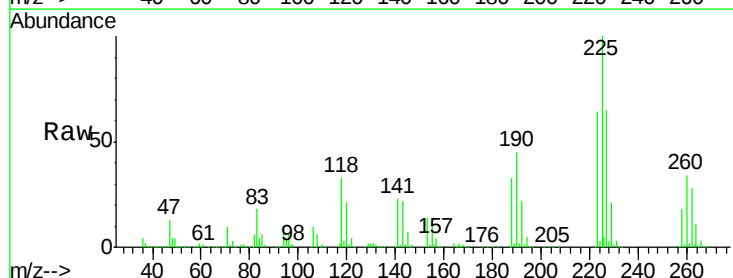
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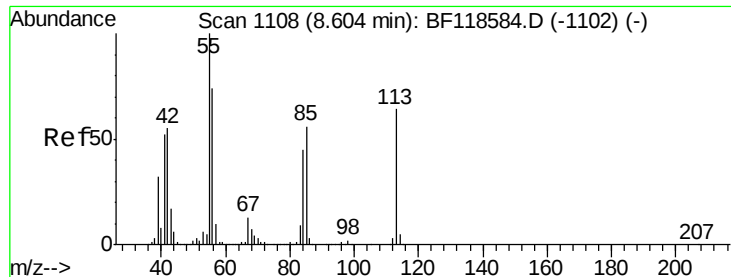
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#34
 Hexachlorobutadiene
 Concen: 45.683 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF118604.D
 Acq: 20 Jan 2020 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	890371		
223	63.9		50.2	75.4
227	64.6		52.1	78.1





#35

Caprolactam

Concen: 46.437 ng/mL

RT: 8.60 min Scan# 1108

Delta R.T. 0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Instrument :

BNA_F

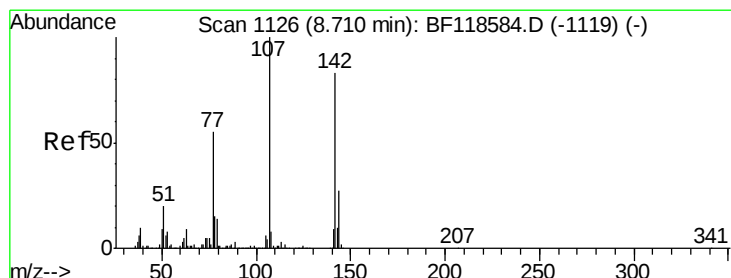
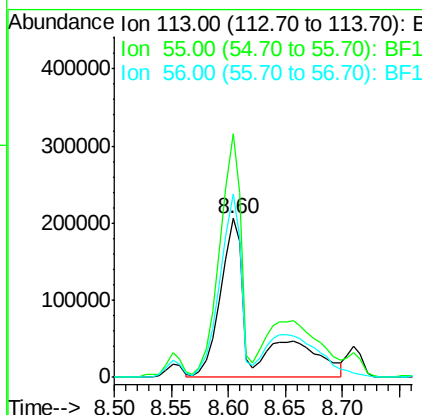
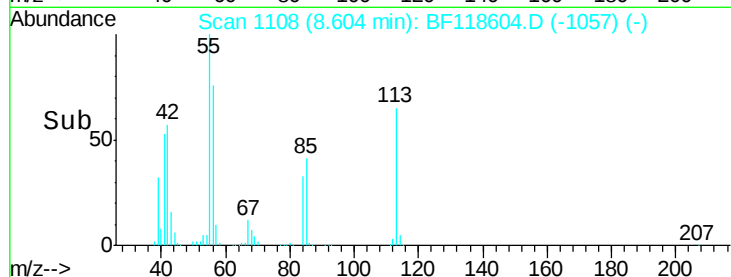
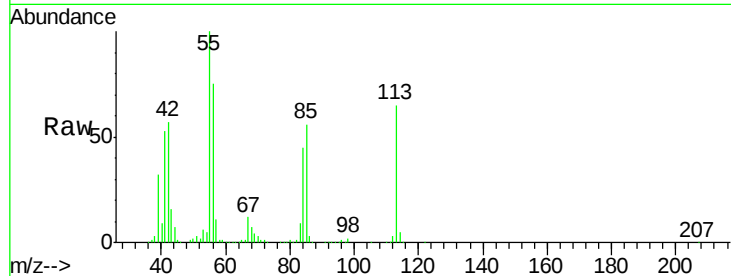
ClientSampleId :

B3-15-20MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		419465		
55	153.2		136.1	176.1	
56	115.5		95.2	135.2	

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#36

4-Chloro-3-methylphenol

Concen: 50.082 ng/mL

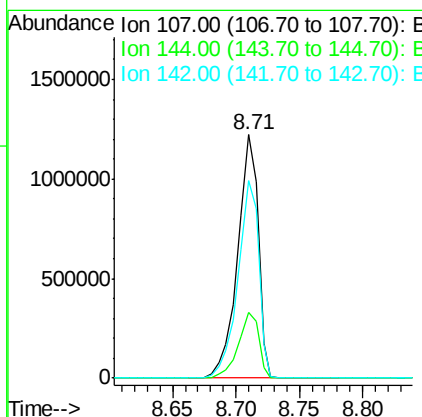
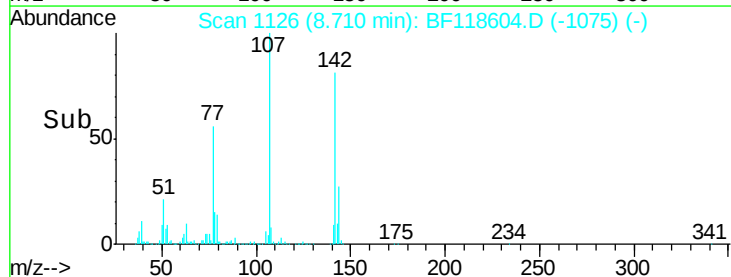
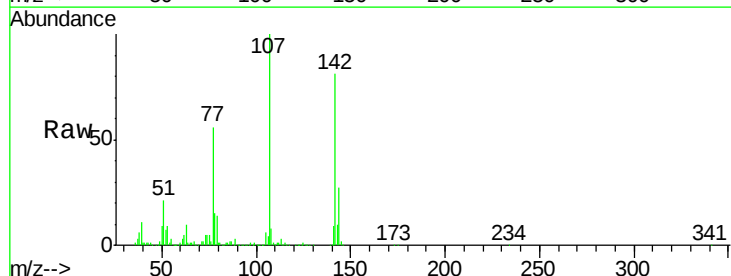
RT: 8.71 min Scan# 1126

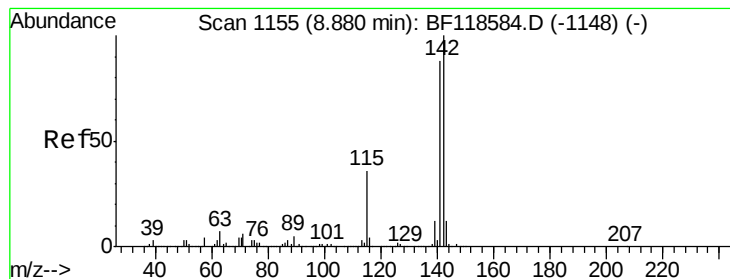
Delta R.T. -0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		1365111		
144	27.0		21.8	32.8	
142	81.4		66.5	99.7	





#37

2-Methylnaphthalene

Concen: 50.839 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Instrument :

BNA_F

ClientSampleId :

B3-15-20MS

Tot Ion:142 Resp: 3002686

Ion Ratio Lower Upper

142 100

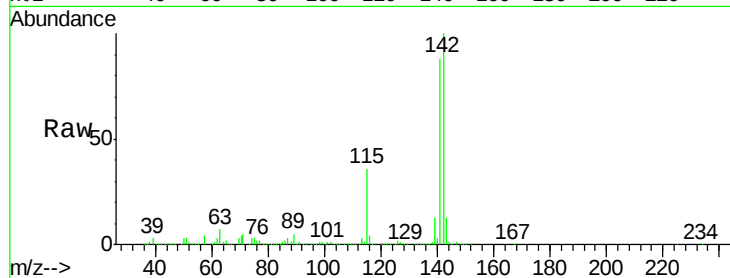
141 88.4 70.7 106.1

115 35.6 28.5 42.7

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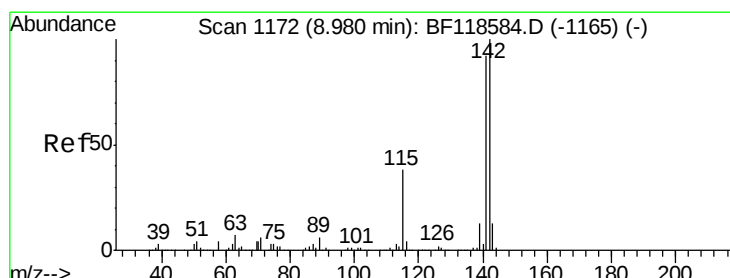
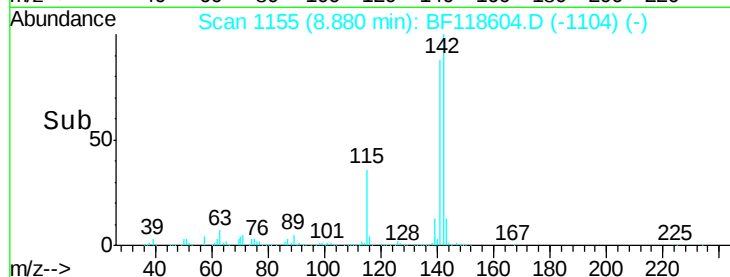
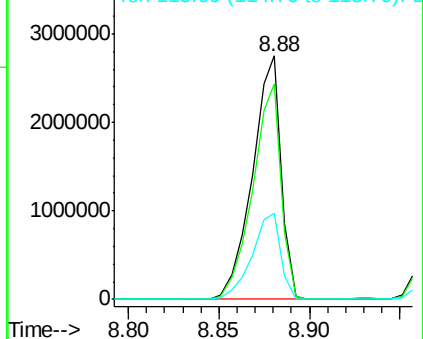
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 50.450 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

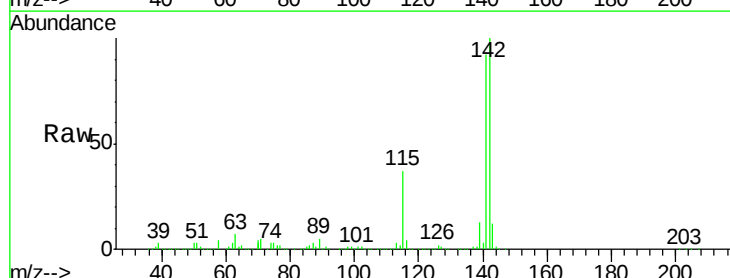
Tgt Ion:142 Resp: 2830847

Ion Ratio Lower Upper

142 100

141 91.6 73.4 110.2

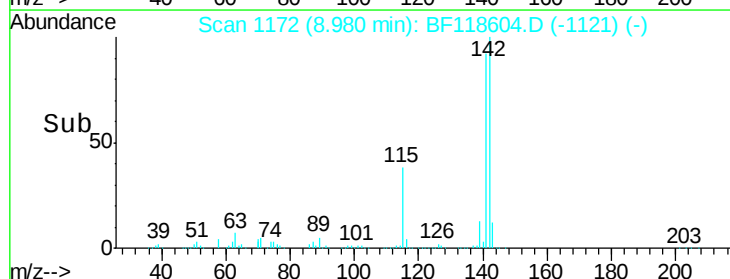
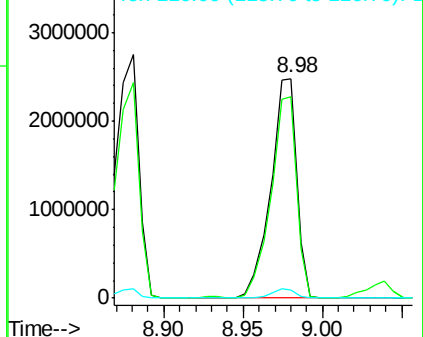
116 3.9 3.3 4.9

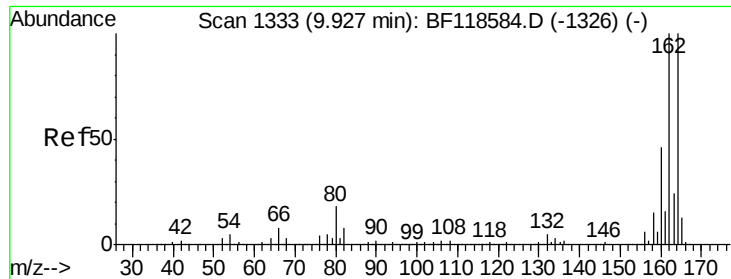


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





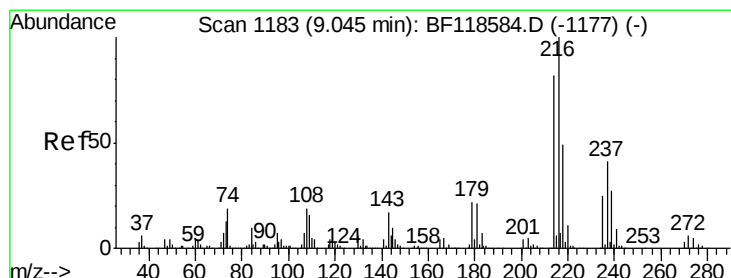
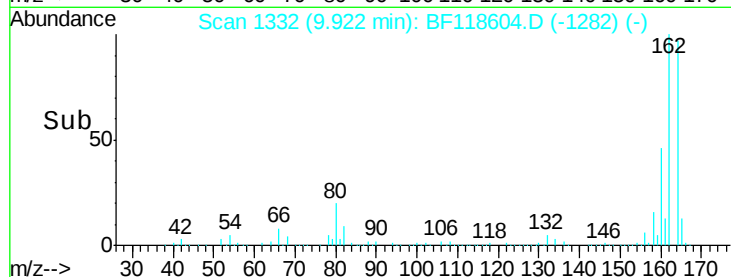
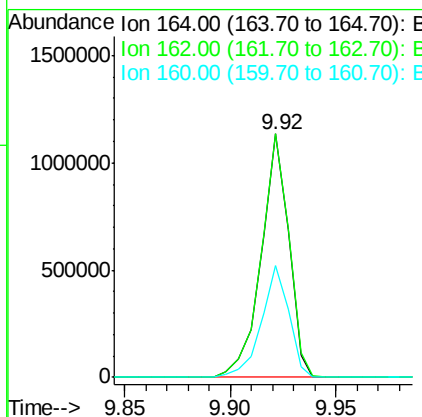
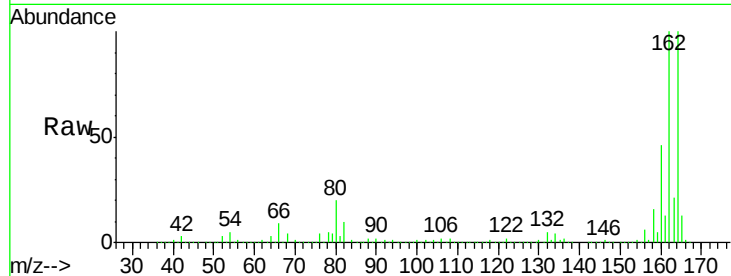
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Instrument :
BNA_F
ClientSampleId :
B3-15-20MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.4	120.6
160	46.1	36.6	55.0

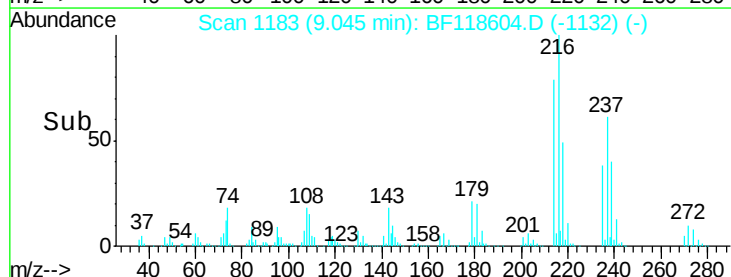
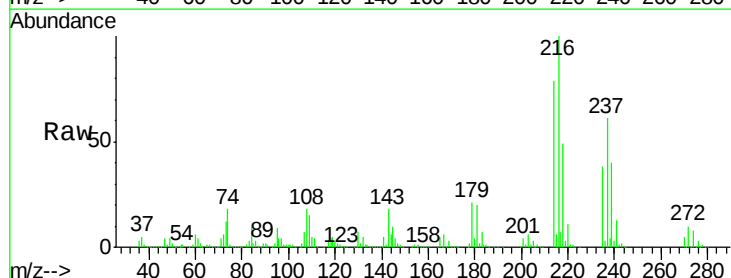
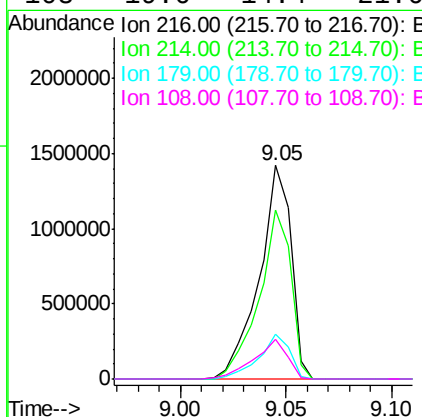
Manual Integrations
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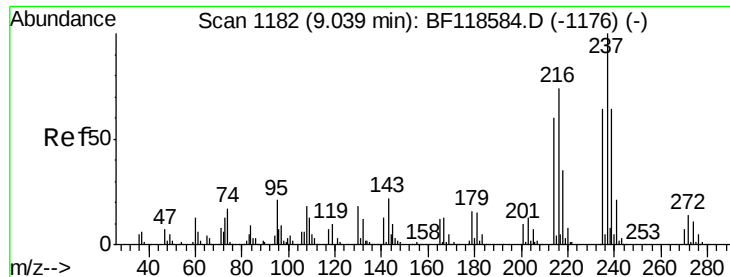
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.147 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	64.2	96.2
179	20.3	16.6	25.0
108	19.6	14.4	21.6





#41

Hexachlorocyclopentadiene

Concen: 109.191 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Instrument :

BNA_F

ClientSampleId :

B3-15-20MS

Tot Ion:237 Resp: 1783716

Ion Ratio Lower Upper

237 100

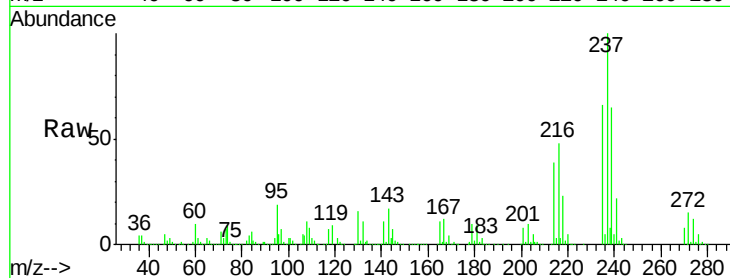
235 65.9 44.0 84.0

272 15.0 0.0 34.0

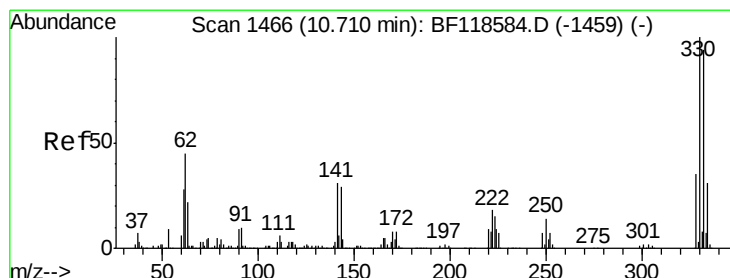
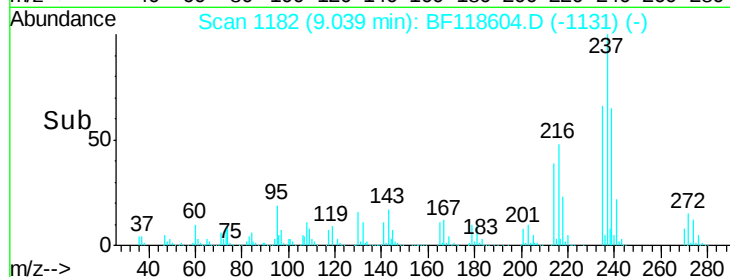
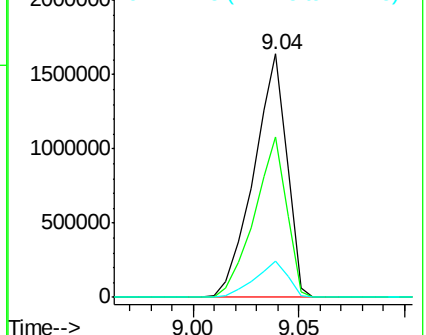
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 89.004 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

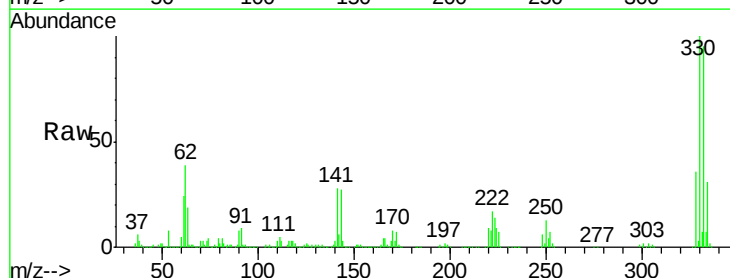
Tgt Ion:330 Resp: 1065263

Ion Ratio Lower Upper

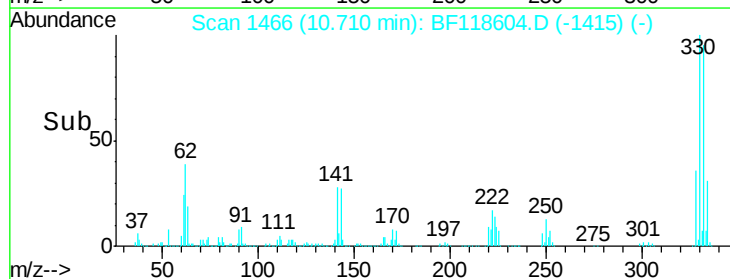
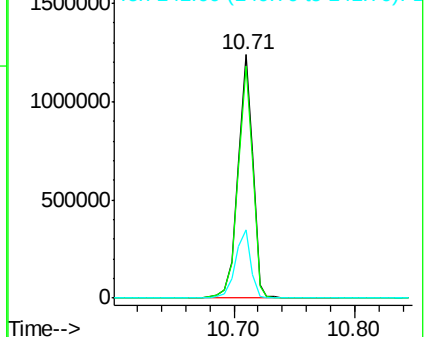
330 100

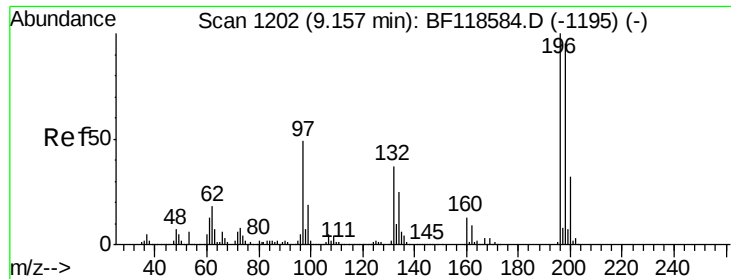
332 95.7 76.2 114.4

141 29.2 23.9 35.9



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





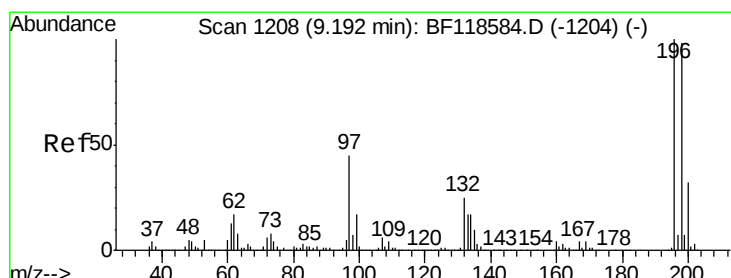
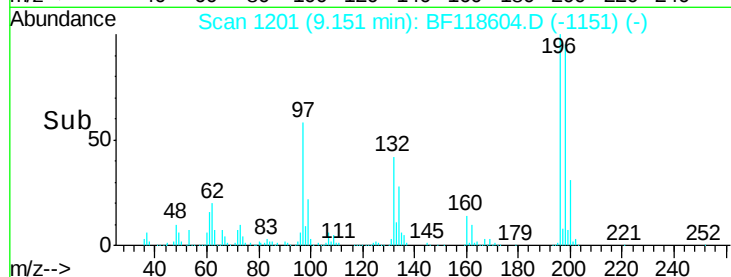
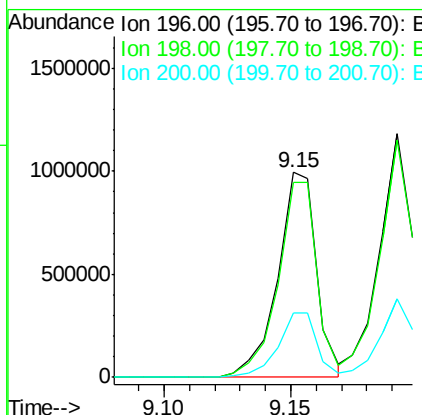
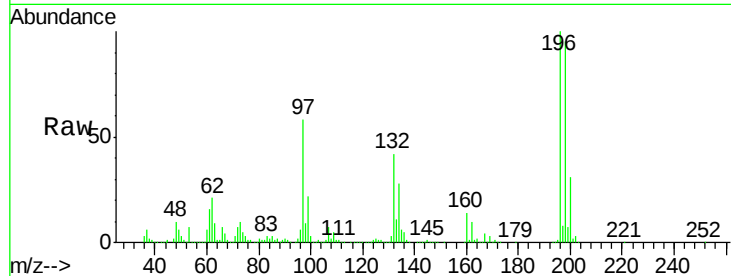
#43
 2,4,6-Trichlorophenol
 Concen: 49.534 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF118604.D
 Acq: 20 Jan 2020 21:19

Instrument :
 BNA_F
 ClientSampleId :
 B3-15-20MS

Tot Ion:196 Resp: 1064270
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.3 114.5
 200 31.2 25.4 38.2

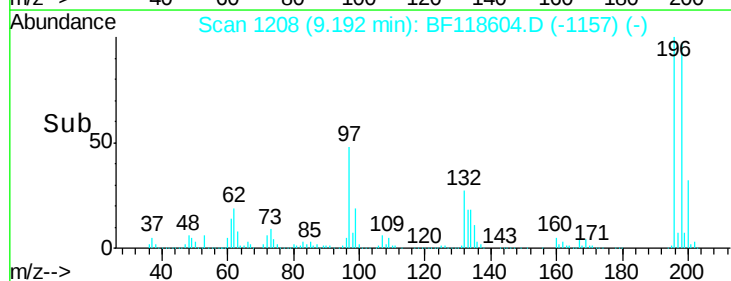
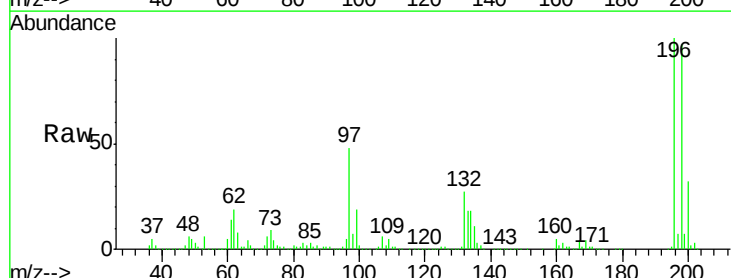
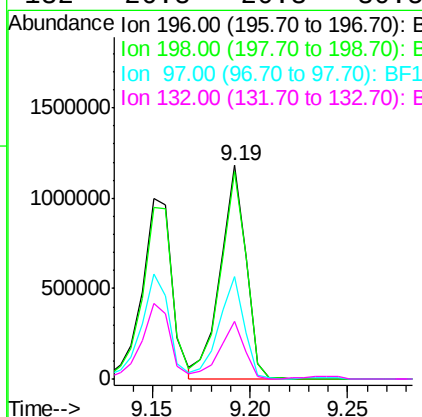
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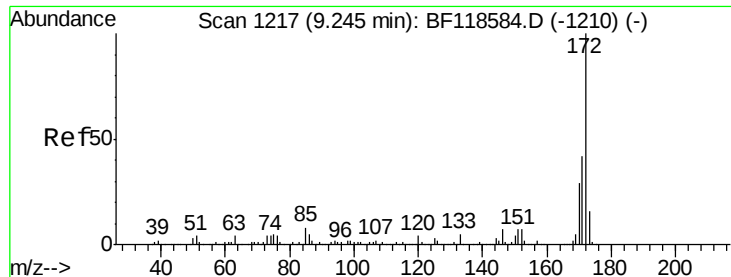
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#44
 2,4,5-Trichlorophenol
 Concen: 48.899 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF118604.D
 Acq: 20 Jan 2020 21:19

Tgt Ion:196 Resp: 1072985
 Ion Ratio Lower Upper
 196 100
 198 97.3 78.3 117.5
 97 48.1 35.9 53.9
 132 26.8 20.3 30.5





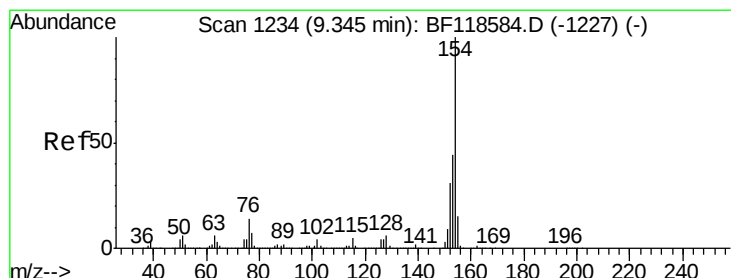
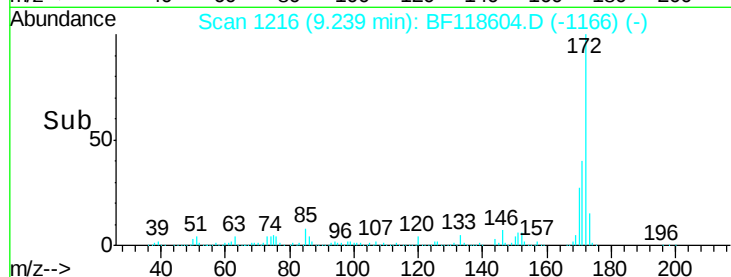
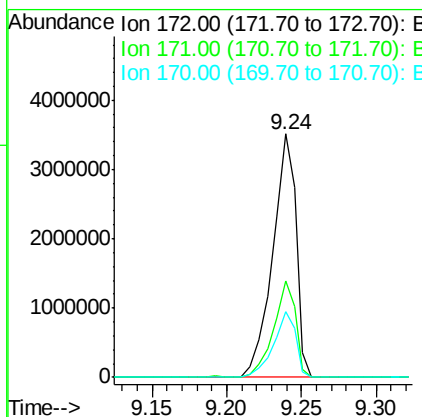
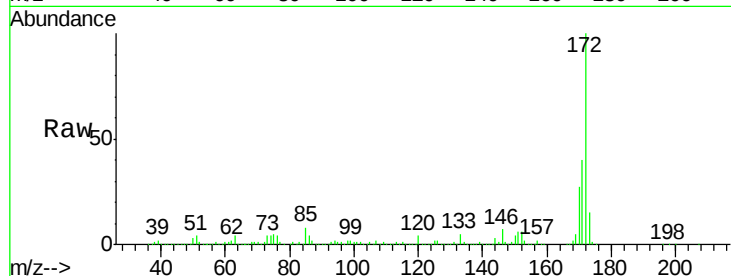
#45
2-Fluorobiphenyl
Concen: 60.693 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Instrument :
BNA_F
ClientSampleId :
B3-15-20MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.7	33.4	50.2
170	27.0	23.2	34.8

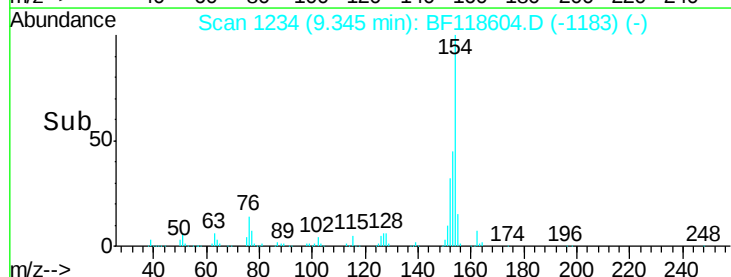
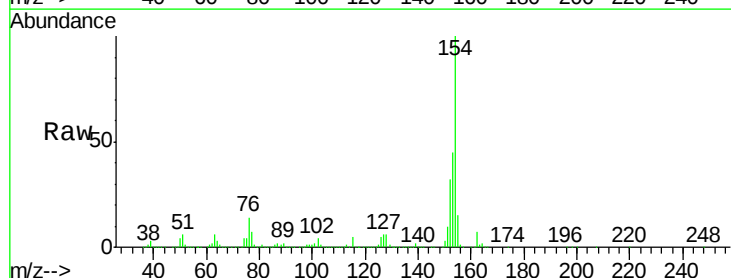
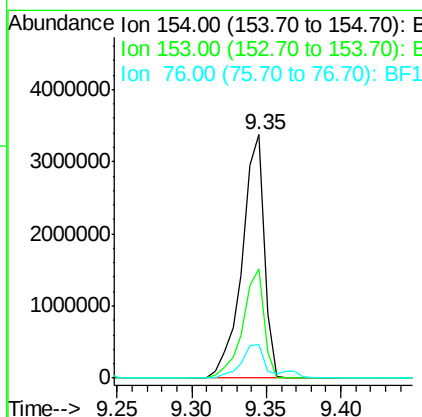
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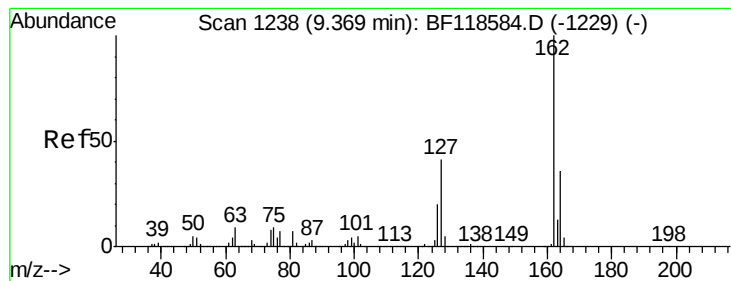
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#46
1,1'-Biphenyl
Concen: 48.712 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.7	23.8	63.8
76	13.7	0.0	34.3





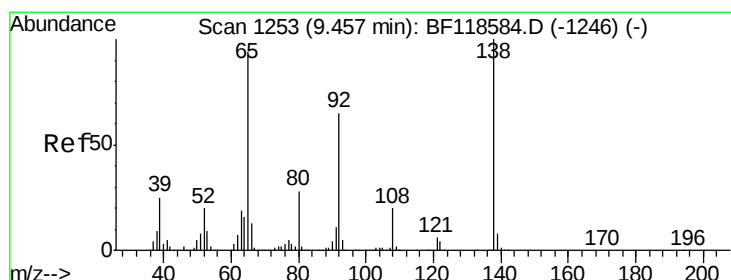
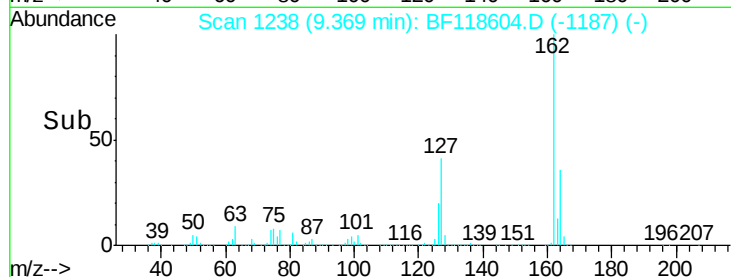
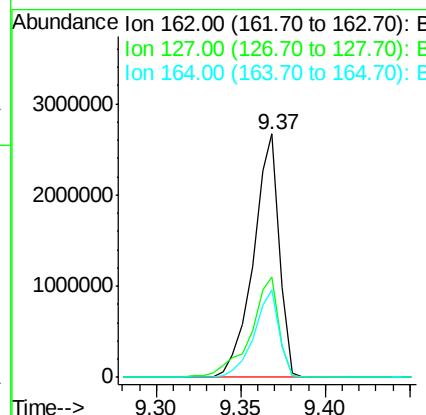
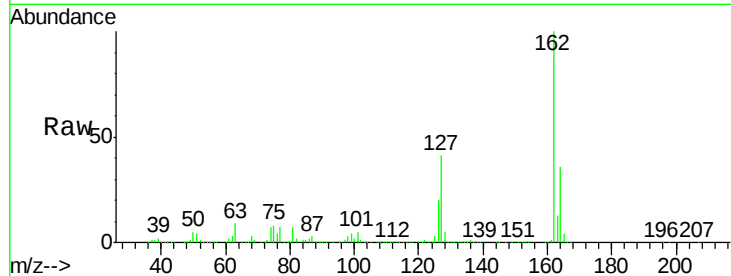
#47
 2-Chloronaphthalene
 Concen: 47.461 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BF118604.D
 Acq: 20 Jan 2020 21:19

Instrument :
 BNA_F
 ClientSampleId :
 B3-15-20MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	33.0	49.6
164	36.0	28.6	42.8

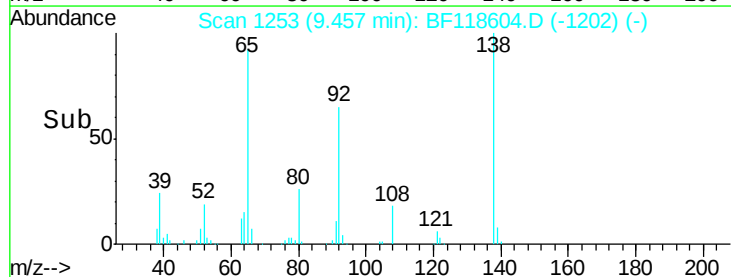
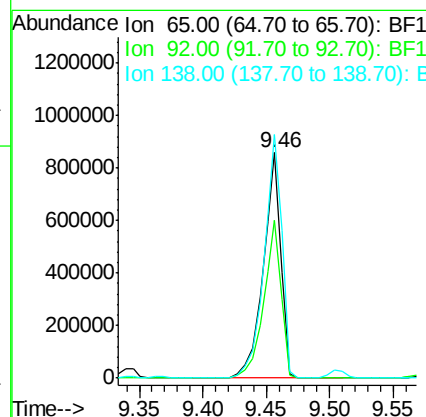
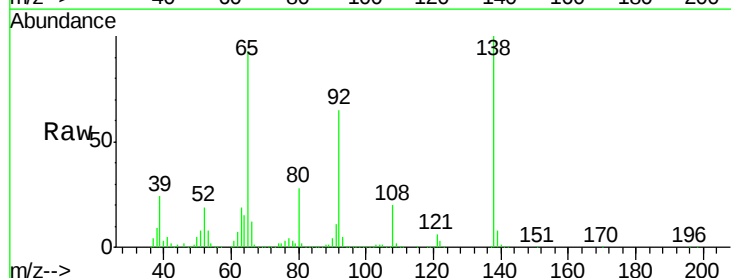
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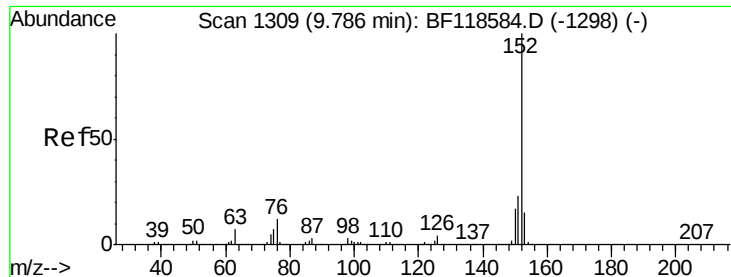
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#48
 2-Nitroaniline
 Concen: 45.365 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BF118604.D
 Acq: 20 Jan 2020 21:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.0	55.4	83.0
138	108.0	85.0	127.6





#49

Acenaphthylene

Concen: 49.600 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Instrument :

BNA_F

ClientSampleId :

B3-15-20MS

Tot Ion:152 Resp: 4194469

Ion Ratio Lower Upper

152 100

151 23.7 18.6 27.8

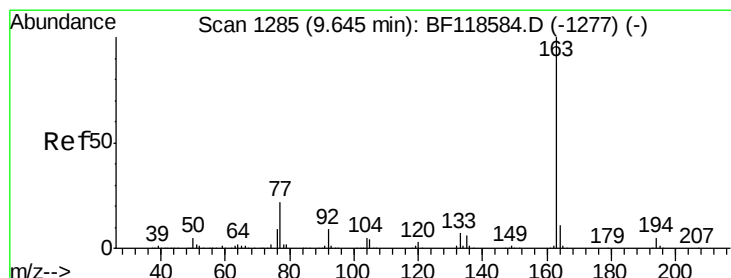
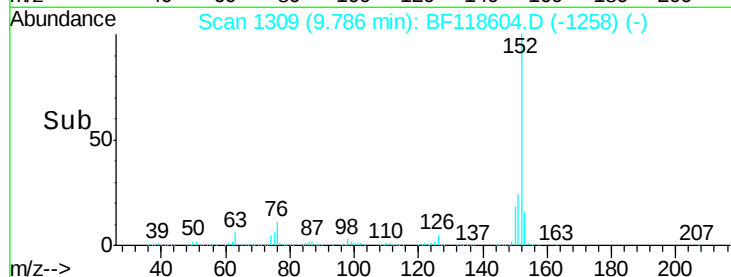
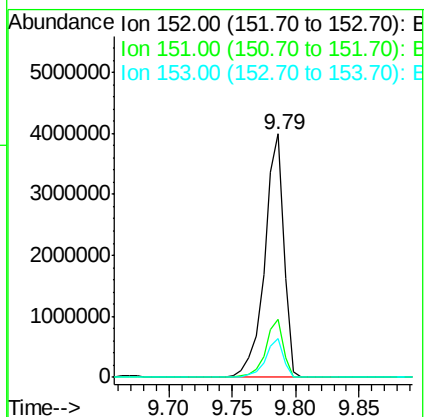
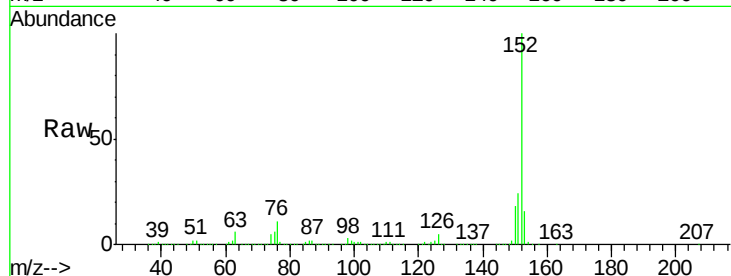
153 15.8 12.2 18.4

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#50

Dimethylphthalate

Concen: 50.763 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

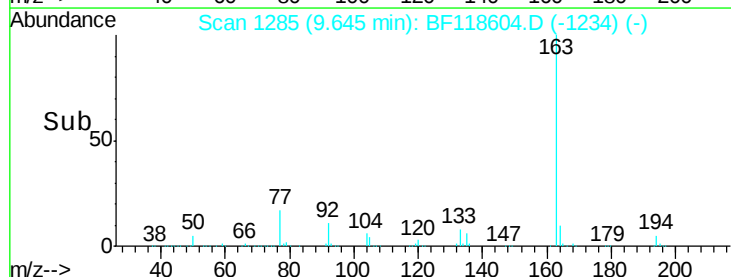
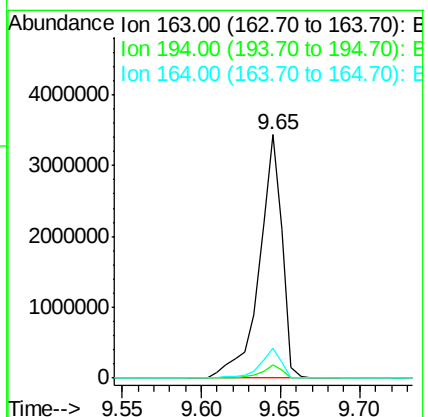
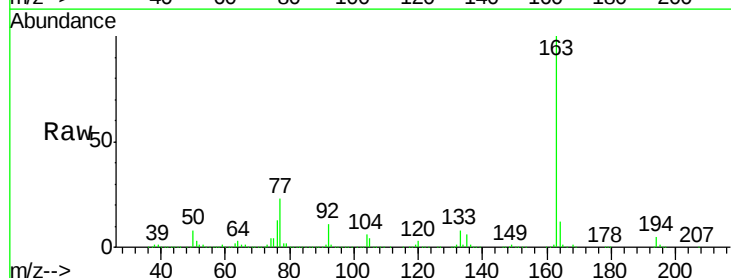
Tgt Ion:163 Resp: 3422356

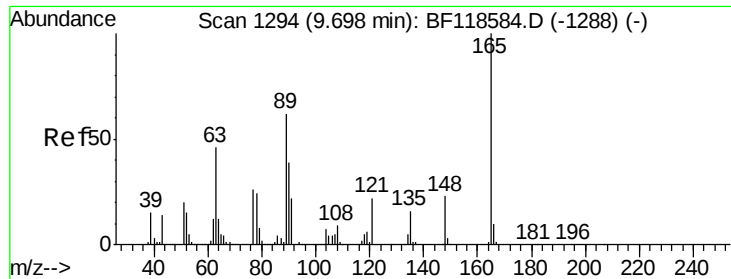
Ion Ratio Lower Upper

163 100

194 5.2 3.9 5.9

164 12.0 9.1 13.7





#51

2,6-Dinitrotoluene

Concen: 50.723 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Instrument :

BNA_F

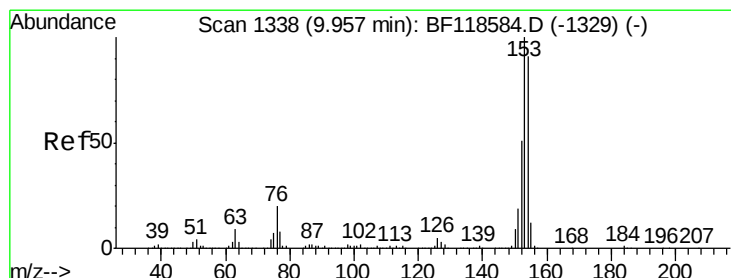
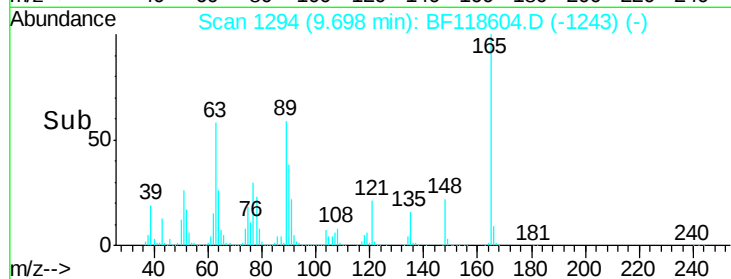
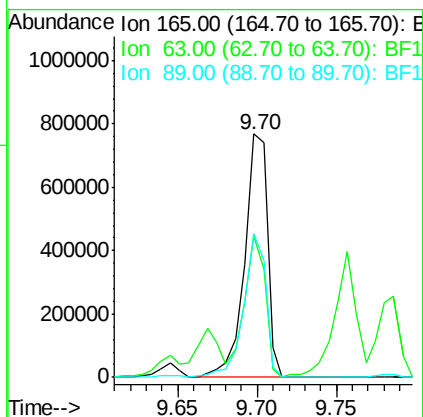
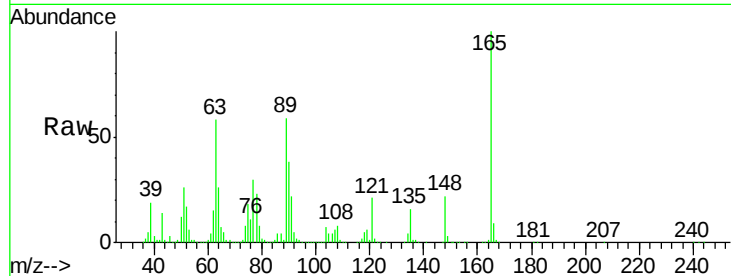
ClientSampleId :

B3-15-20MS

Tot Ion:	165	Resp:	765753
Ion Ratio	Lower	Upper	
165	100		
63	58.1	48.9	73.3
89	58.9	49.8	74.6

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#52

Acenaphthene

Concen: 49.855 ng

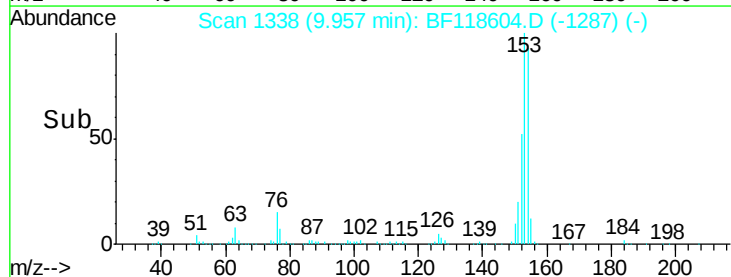
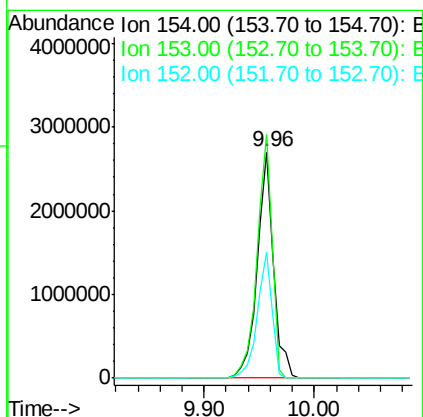
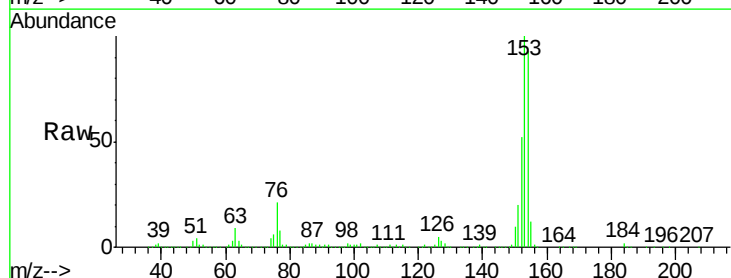
RT: 9.96 min Scan# 1338

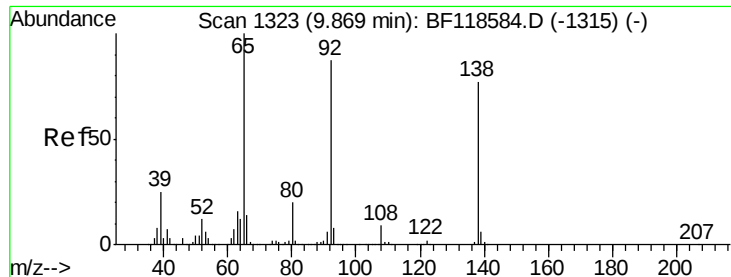
Delta R.T. 0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Tgt Ion:	154	Resp:	2819121
Ion Ratio	Lower	Upper	
154	100		
153	107.7	87.6	131.4
152	55.9	44.4	66.6





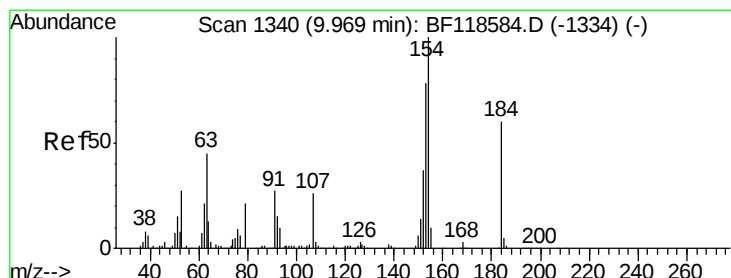
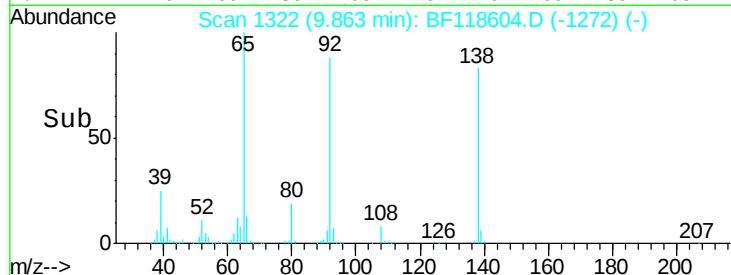
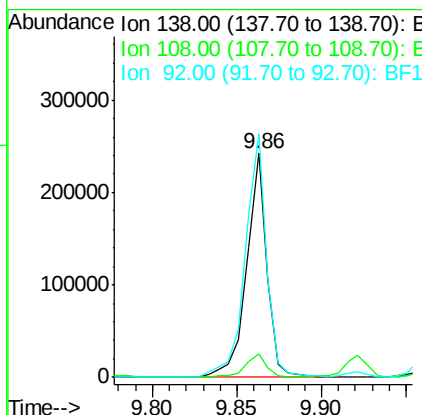
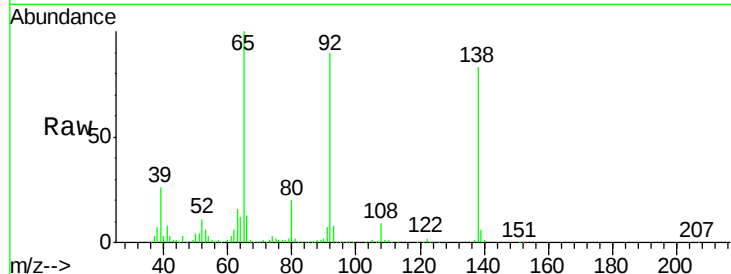
#53
3-Nitroaniline
Concen: 11.861 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Instrument :
BNA_F
ClientSampleId :
B3-15-20MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.6	14.4
92	108.8	90.6	136.0

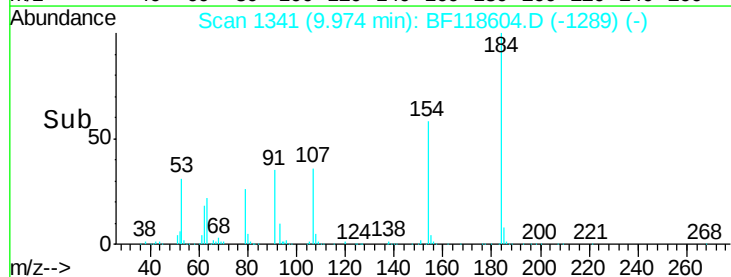
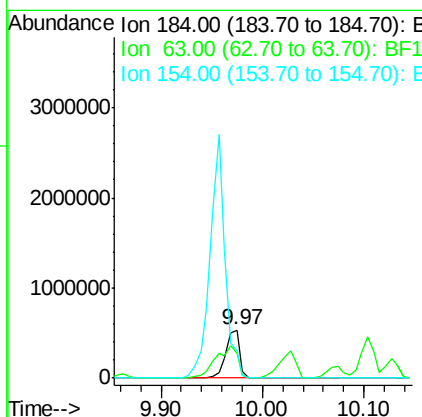
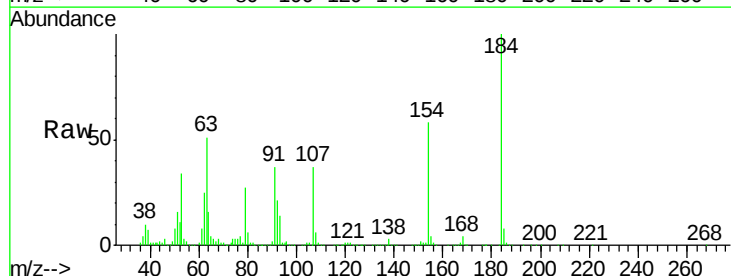
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#54
2,4-Dinitrophenol
Concen: 83.505 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Tgt Ion	Ratio	Lower	Upper
184	100		
63	51.3	60.6	90.8#
154	58.1	137.3	205.9#





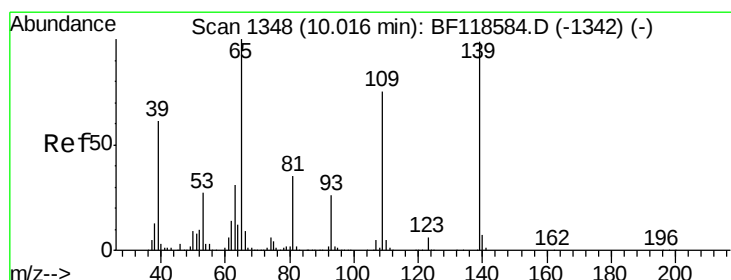
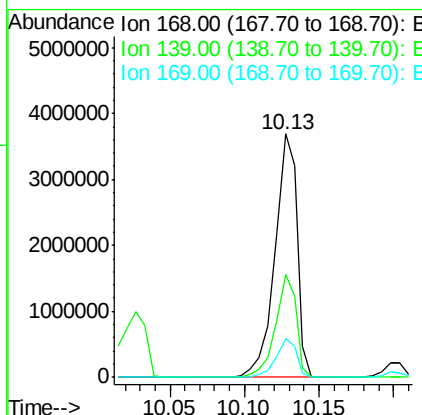
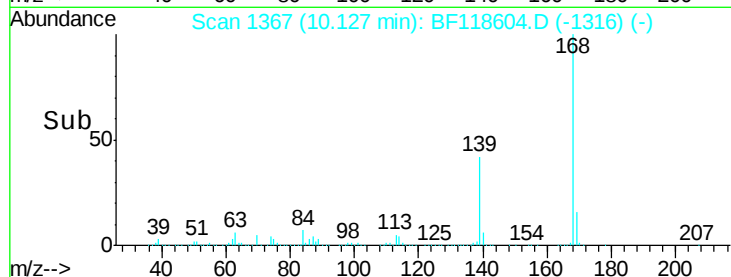
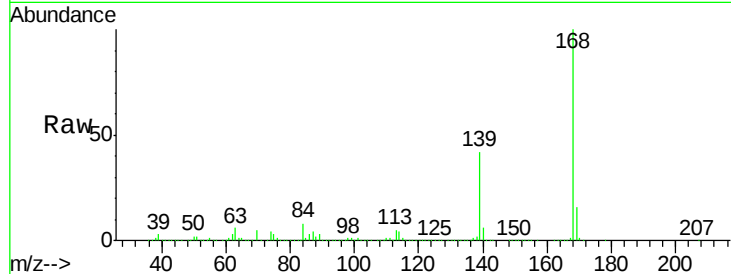
#55
Dibenzenofuran
Concen: 48.610 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Instrument :
BNA_F
ClientSampleId :
B3-15-20MS

Tot Ion:168 Resp: 3809270
Ion Ratio Lower Upper
168 100
139 42.2 32.7 49.1
169 16.1 12.2 18.2

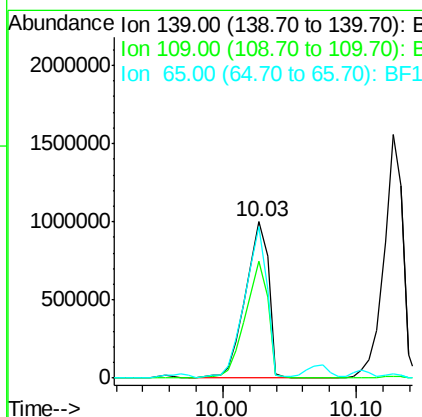
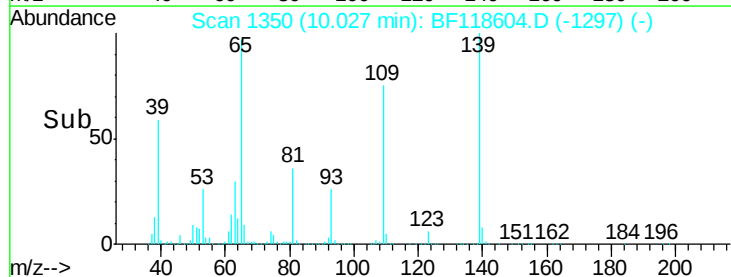
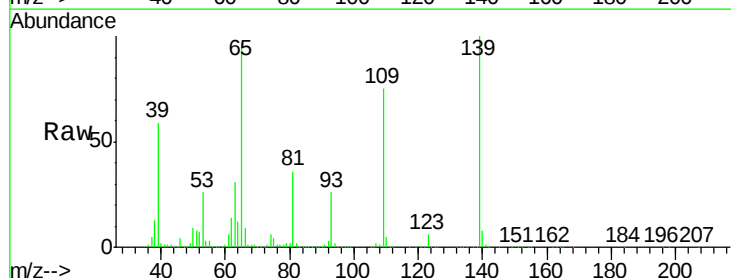
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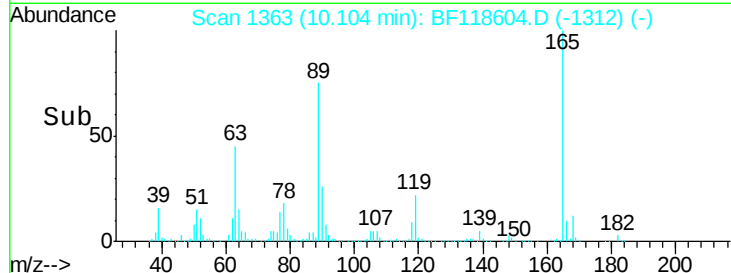
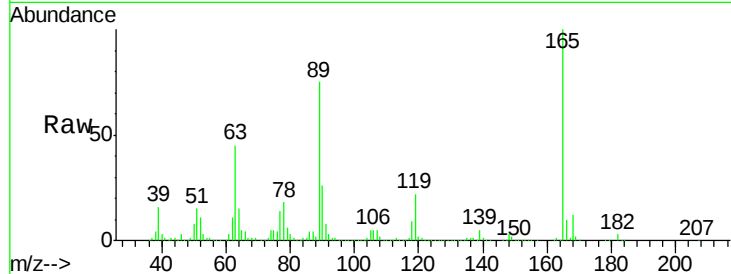
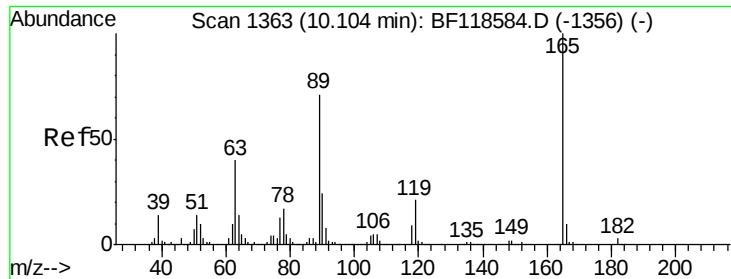
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#56
4-Nitrophenol
Concen: 91.298 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Tgt Ion:139 Resp: 1188106
Ion Ratio Lower Upper
139 100
109 74.7 56.0 96.0
65 97.2 81.4 121.4





#57

2,4-Dinitrotoluene

Concen: 51.501 ng

RT: 10.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Instrument :

BNA_F

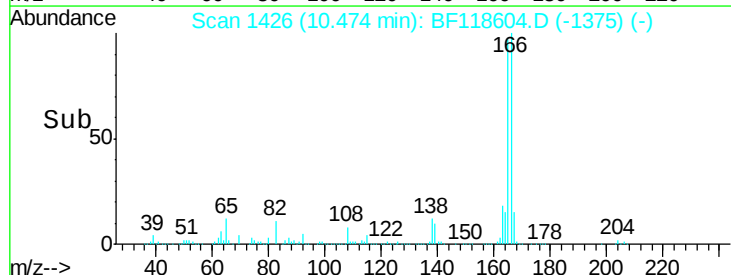
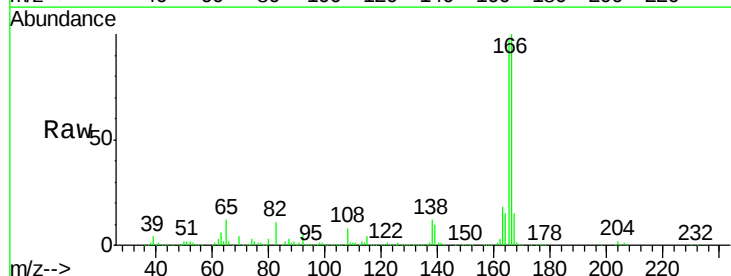
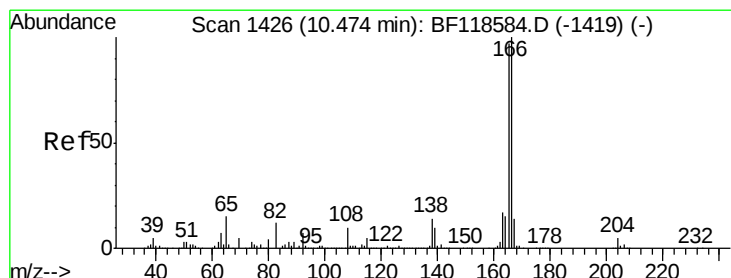
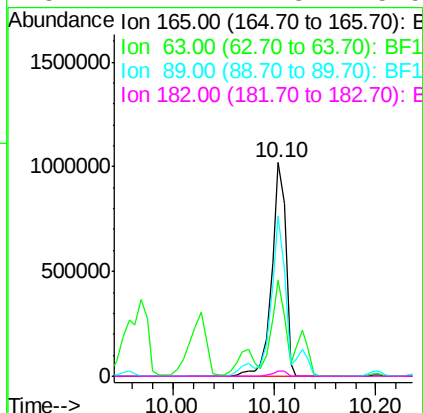
ClientSampleId :

B3-15-20MS

Tot Ion:	165	Resp:	980144
Ion Ratio	Lower	Upper	
165	100		
63	45.2	32.4	48.6
89	75.0	56.4	84.6
182	2.7	2.3	3.5

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1/21/2020 2:26:15 PM



#58

Fluorene

Concen: 47.025 ng

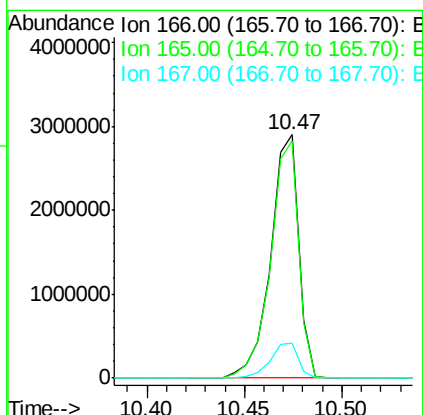
RT: 10.47 min Scan# 1426

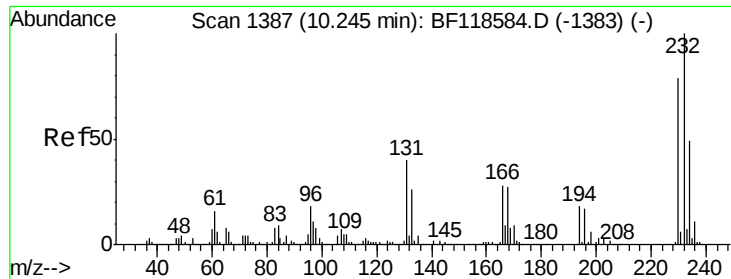
Delta R.T. 0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Tgt Ion:	166	Resp:	2892935
Ion Ratio	Lower	Upper	
166	100		
165	97.3	77.3	115.9
167	14.6	11.5	17.3





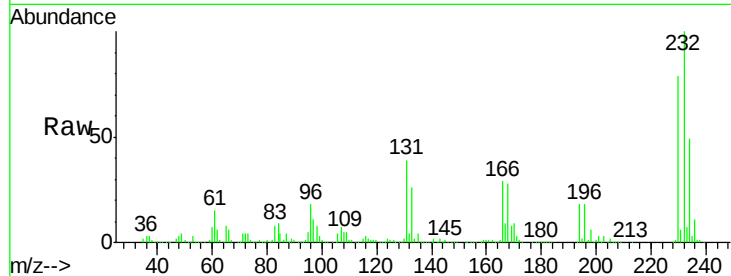
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.726 ng
 RT: 10.24 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF118604.D
 Acq: 20 Jan 2020 21:19

Instrument :
 BNA_F
 ClientSampleId :
 B3-15-20MS

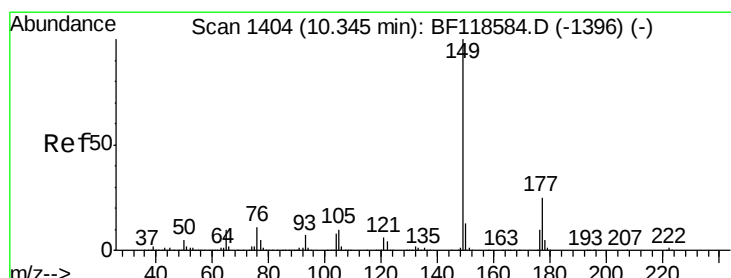
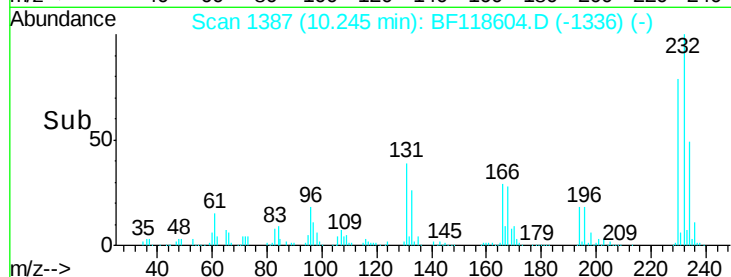
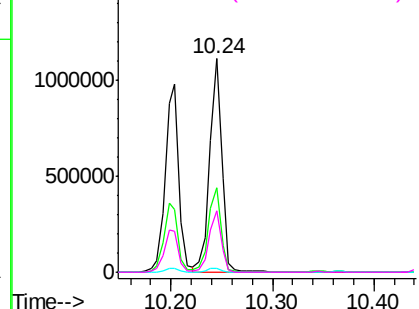
Tot Ion	Ratio	Lower	Upper
232	100		
131	41.7	33.2	49.8
130	2.2	1.8	2.6
166	28.5	22.6	33.8

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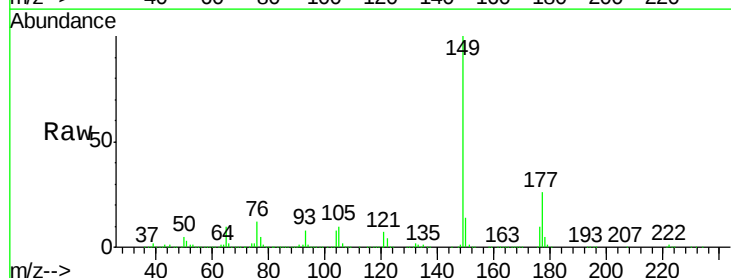


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

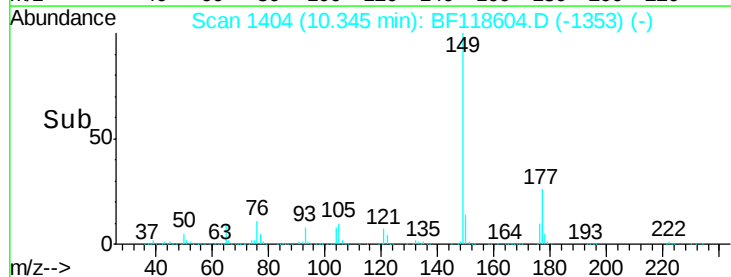
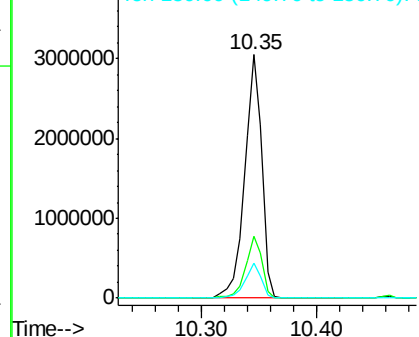


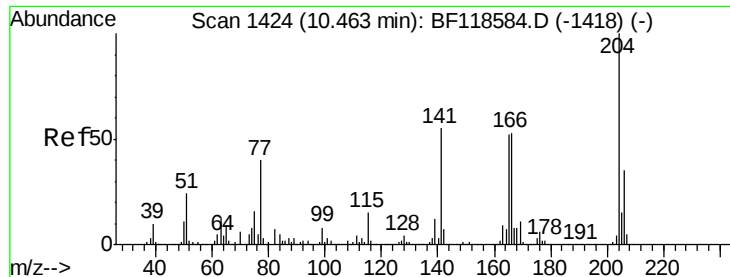
#60
 Diethylphthalate
 Concen: 47.426 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF118604.D
 Acq: 20 Jan 2020 21:19

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.7	20.0	30.0
150	14.4	10.6	16.0



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





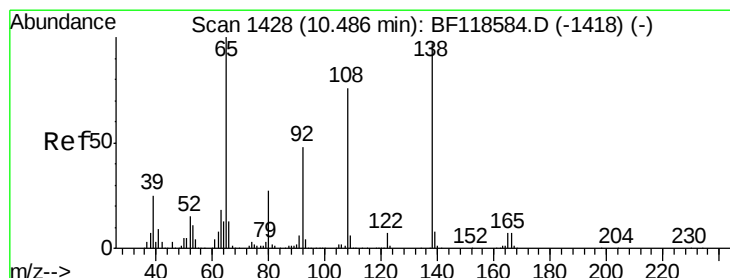
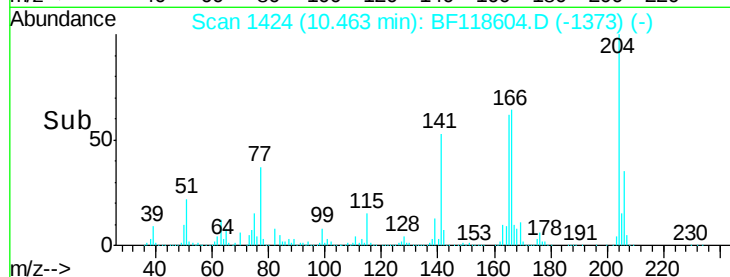
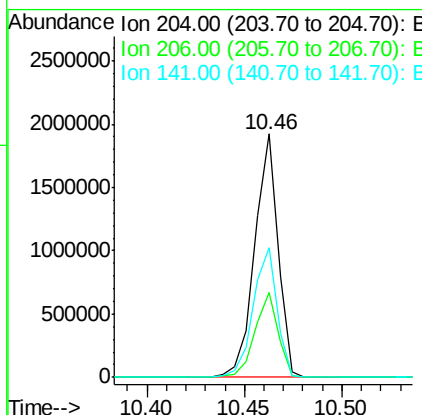
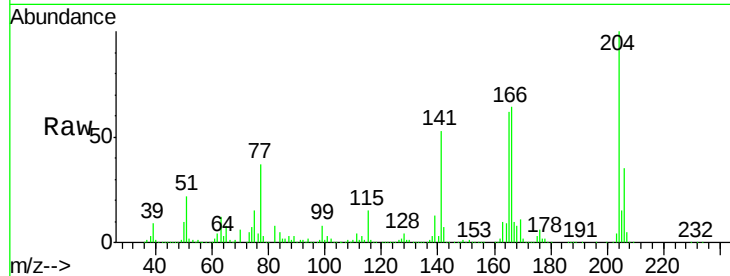
#61
 4-Chlorophenyl-phenylether
 Concen: 47.745 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF118604.D
 Acq: 20 Jan 2020 21:19

Instrument :
 BNA_F
 ClientSampleId :
 B3-15-20MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.0	27.8	41.6
141	53.1	43.7	65.5

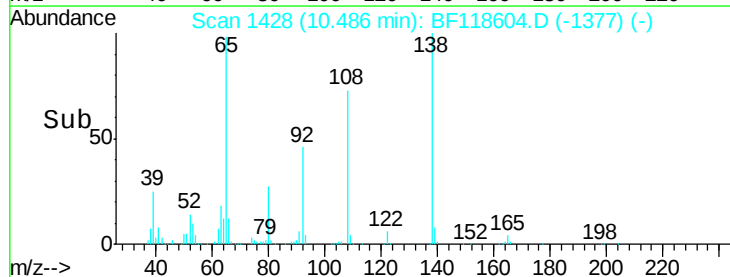
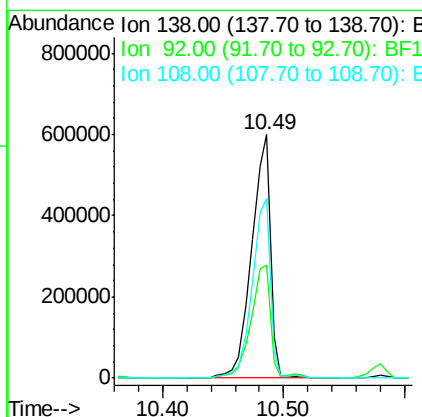
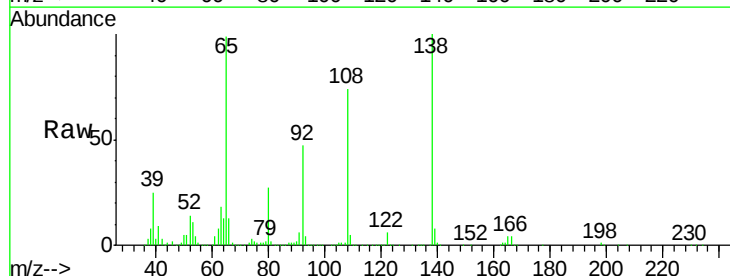
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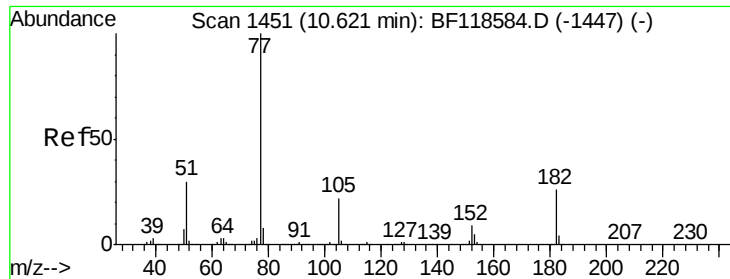
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#62
 4-Nitroaniline
 Concen: 37.076 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: BF118604.D
 Acq: 20 Jan 2020 21:19

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.6	29.4	69.4
108	73.5	58.2	98.2





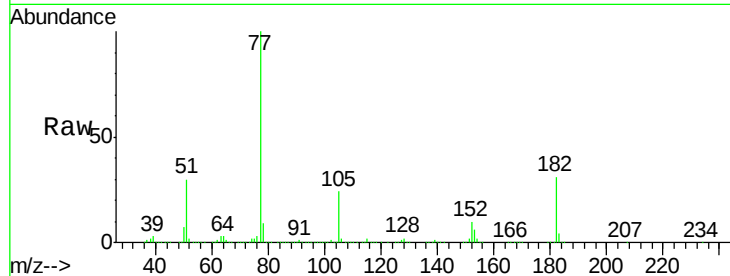
#63
Azobenzene
Concen: 47.730 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Instrument :
BNA_F
ClientSampleId :
B3-15-20MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.5	5.6	45.6
105	23.9	2.0	42.0
51	30.5	10.2	50.2

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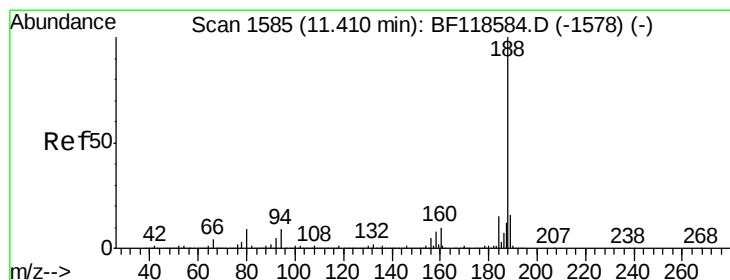
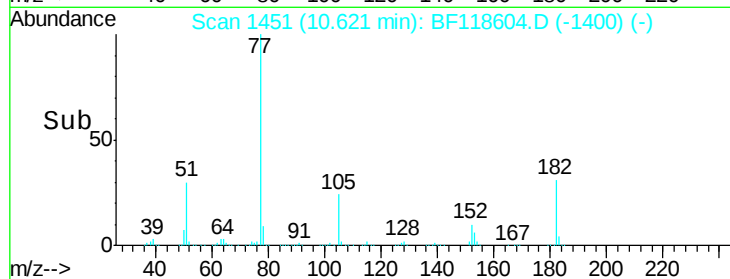
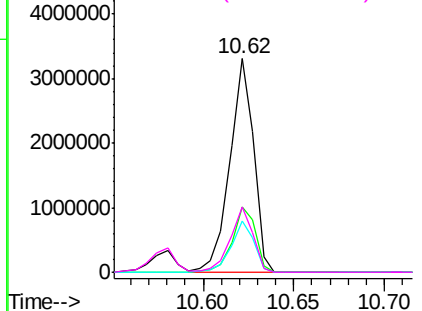


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



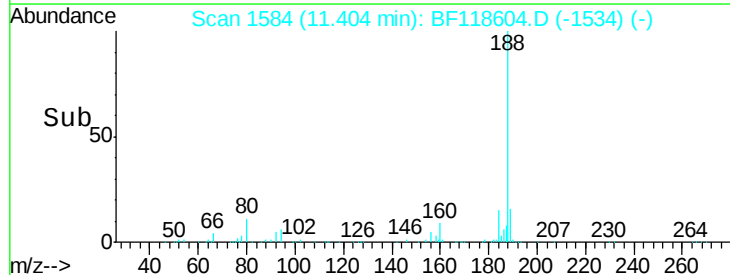
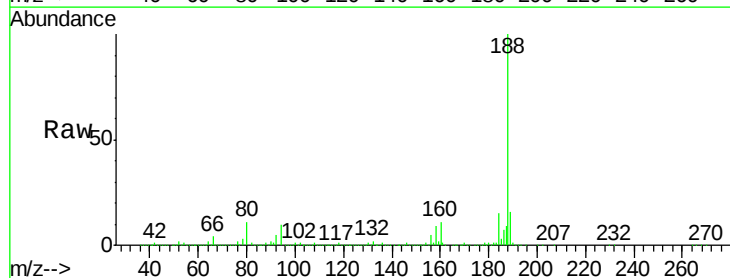
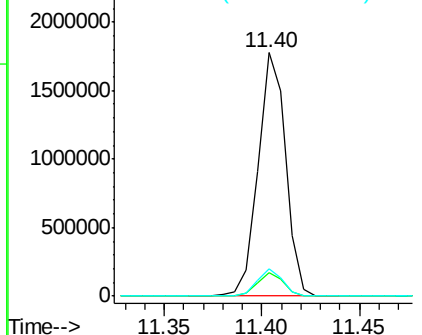
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.1	10.7
80	11.1	7.5	11.3

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





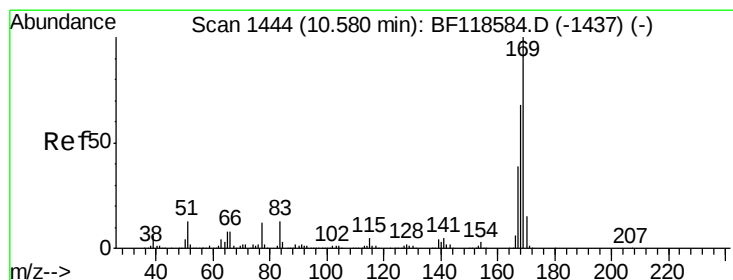
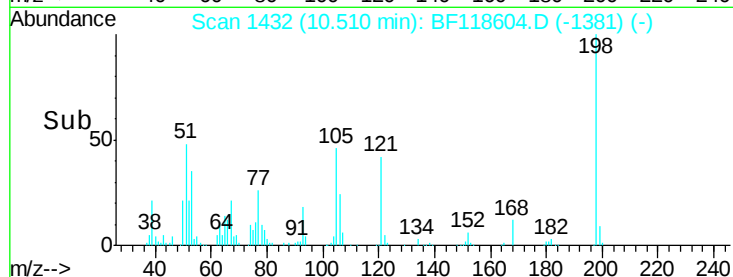
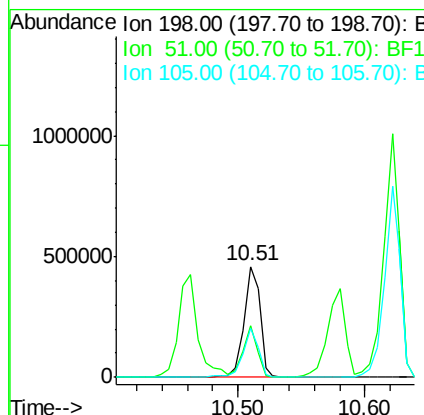
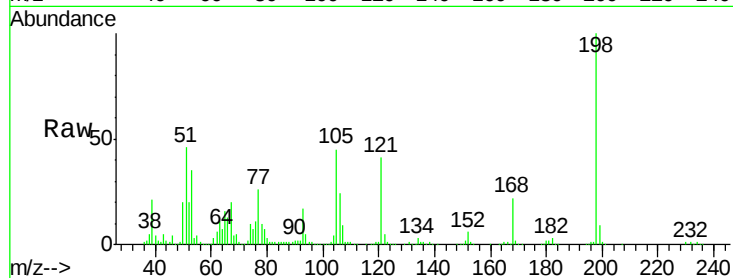
#65
4,6-Dinitro-2-methylphenol
Concen: 52.152 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Instrument :
BNA_F
ClientSampleId :
B3-15-20MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	397759		
51	46.5	25.2	65.2	
105	44.6	26.3	66.3	

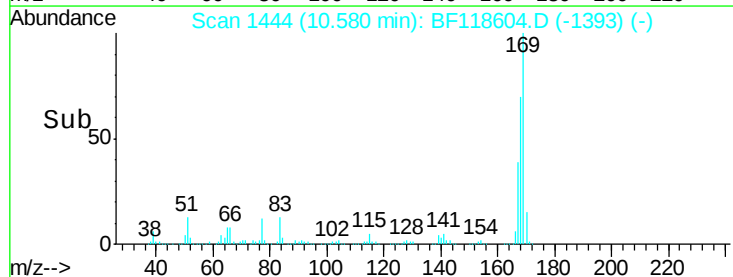
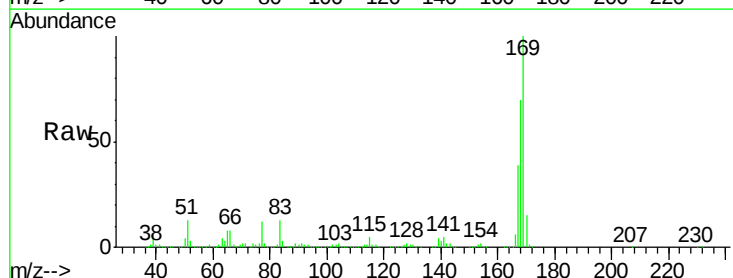
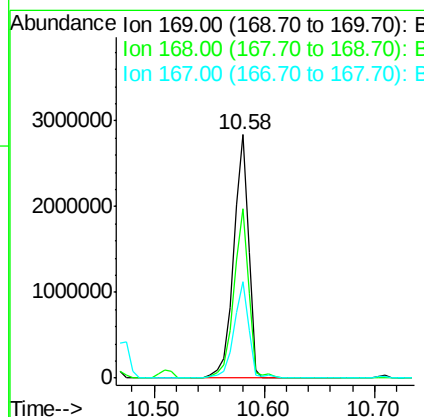
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#66
n-Nitrosodiphenylamine
Concen: 51.471 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2692320		
168	69.6	54.6	82.0	
167	39.5	30.9	46.3	





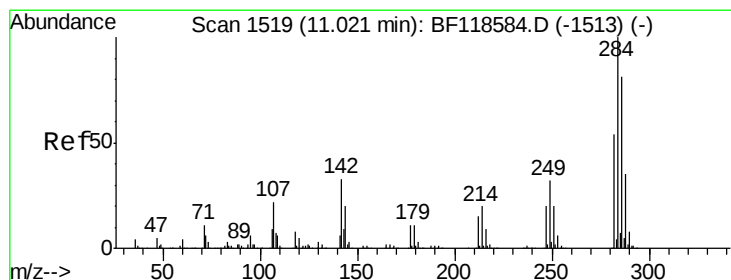
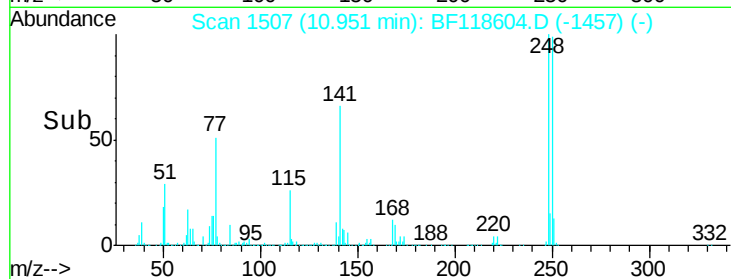
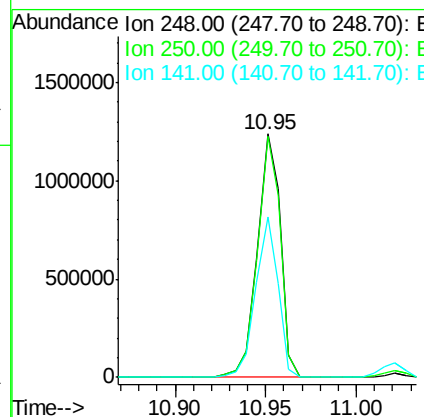
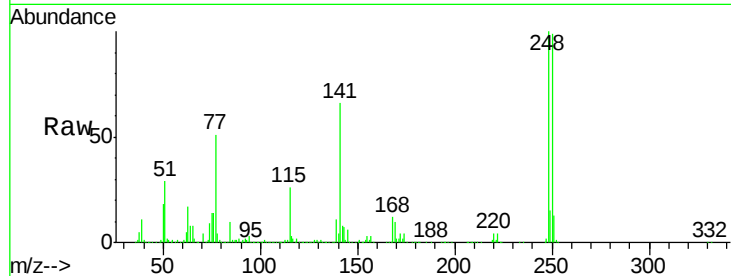
#67
4-Bromophenyl-phenylether
Concen: 51.229 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Instrument :
BNA_F
ClientSampleId :
B3-15-20MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.2	78.7	118.1
141	65.7	43.2	64.8

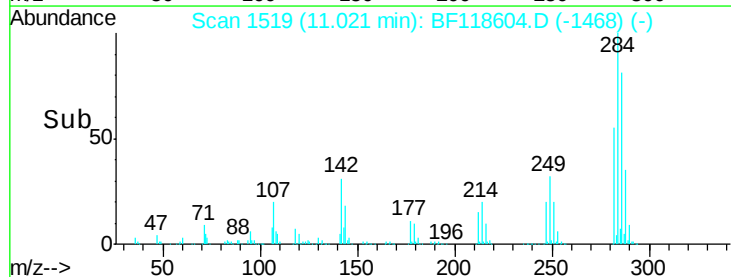
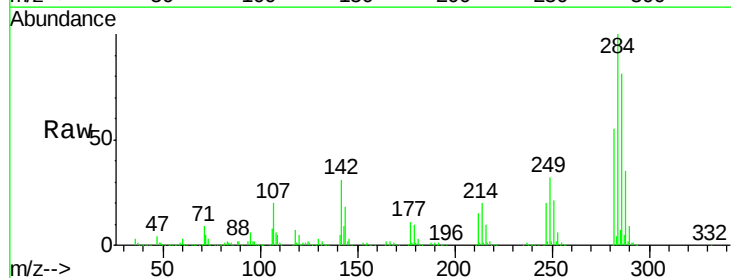
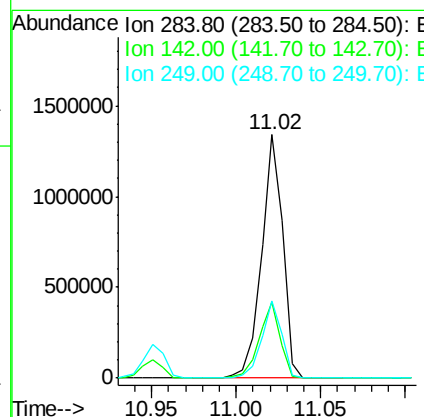
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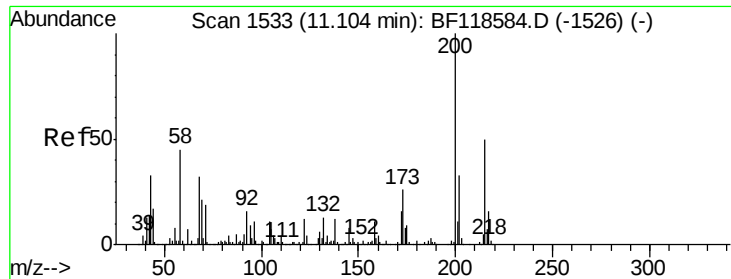
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#68
Hexachlorobenzene
Concen: 48.238 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.4	26.6	39.8
249	31.7	25.2	37.8





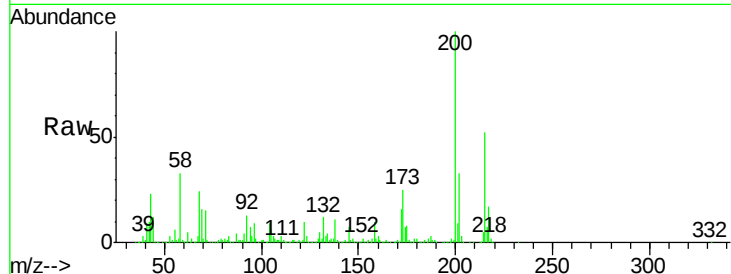
#69
Atrazine
Concen: 53.292 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.01 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Instrument :
BNA_F
ClientSampleId :
B3-15-20MS

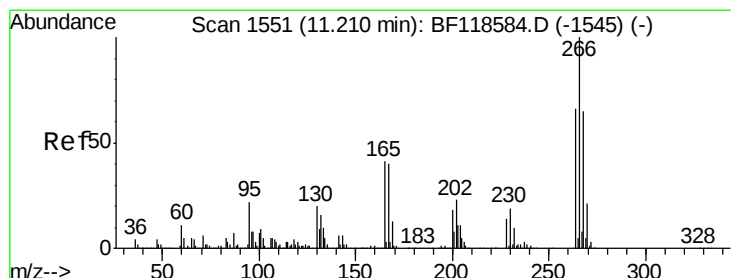
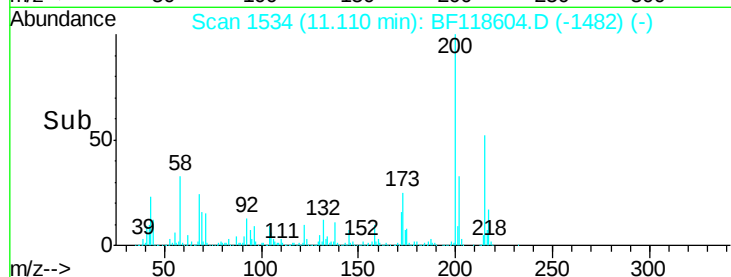
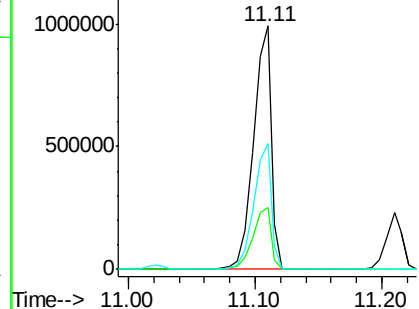
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.3	6.3	46.3
215	51.6	30.2	70.2

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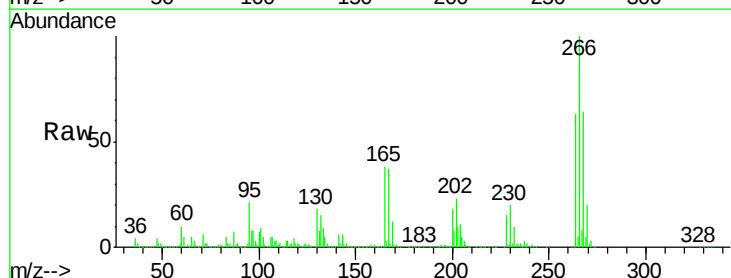


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

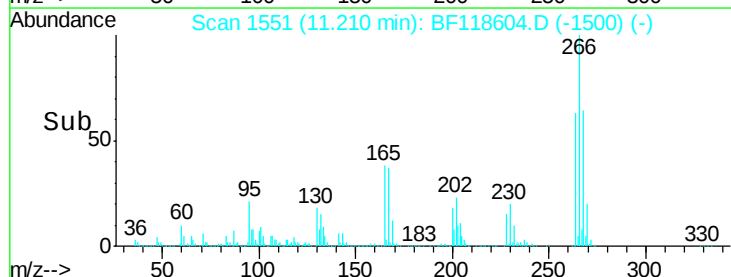
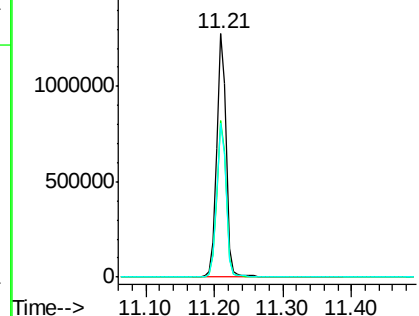


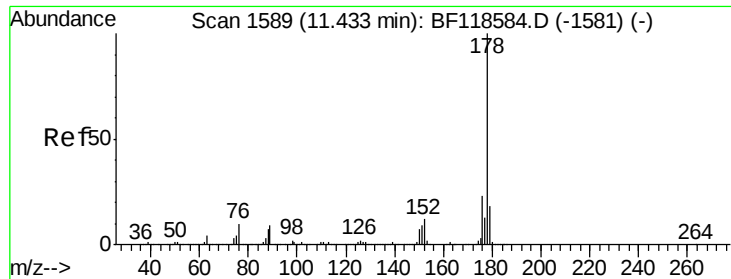
#70
Pentachlorophenol
Concen: 90.366 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	52.1	78.1
264	63.3	52.4	78.6



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





#71

Phenanthrene

Concen: 47.430 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Instrument :

BNA_F

ClientSampleId :

B3-15-20MS

Tot Ion:178 Resp: 3968925

Ion Ratio Lower Upper

178 100

176 24.4 18.6 27.8

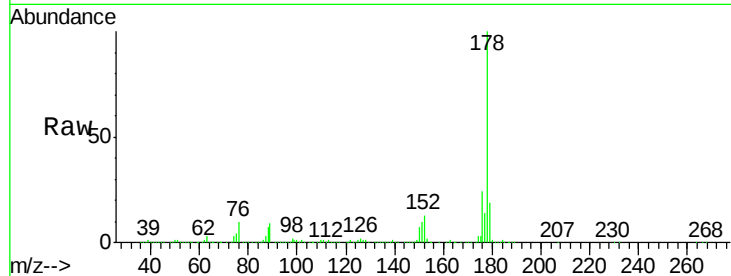
179 19.1 14.7 22.1

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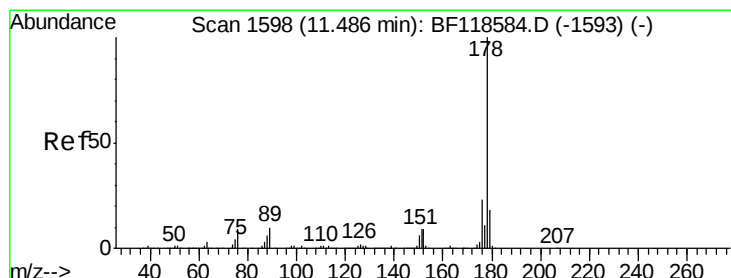
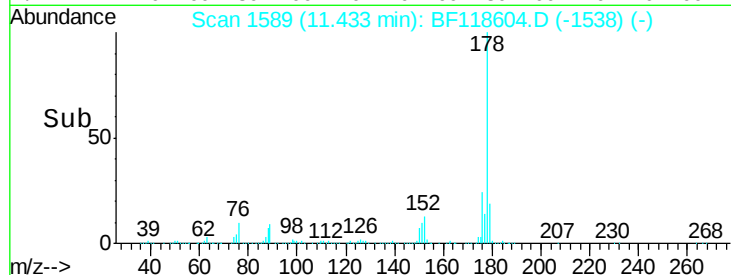
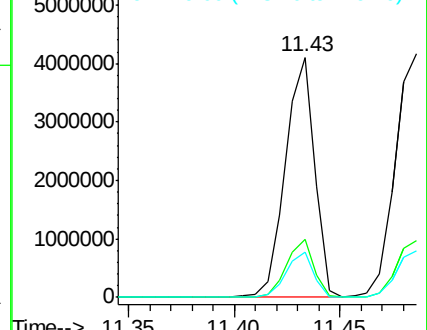
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 49.513 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

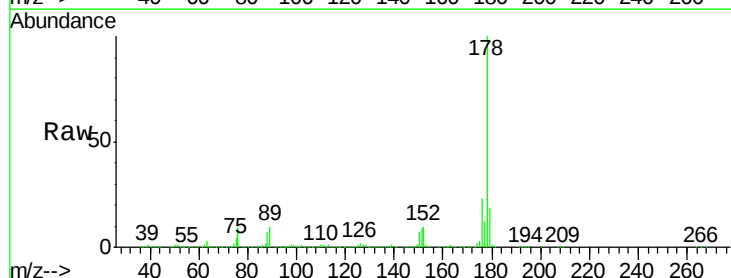
Tgt Ion:178 Resp: 4099674

Ion Ratio Lower Upper

178 100

176 23.4 18.0 27.0

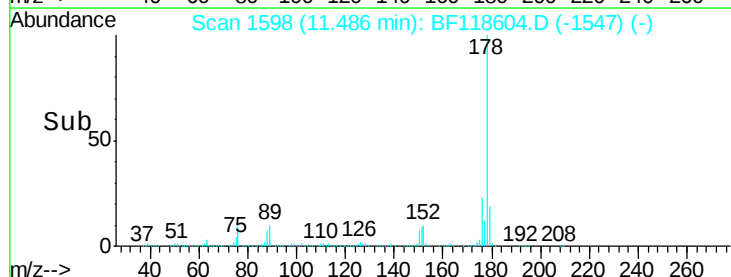
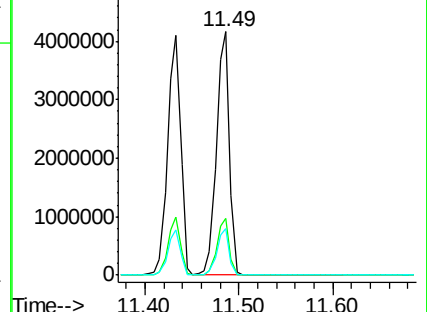
179 19.0 14.7 22.1

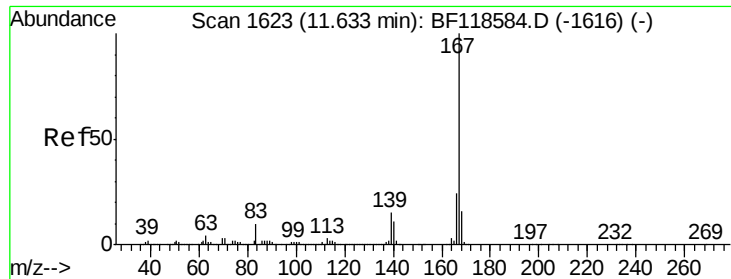


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





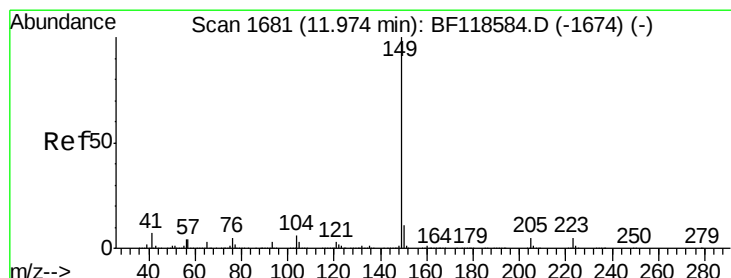
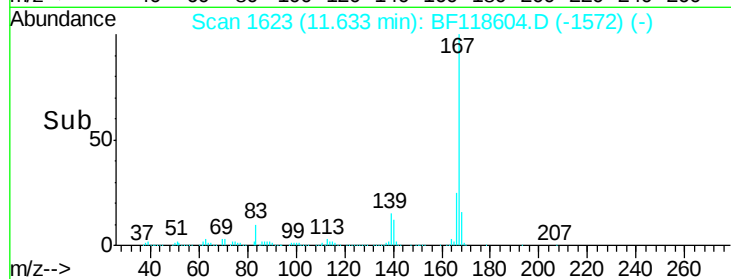
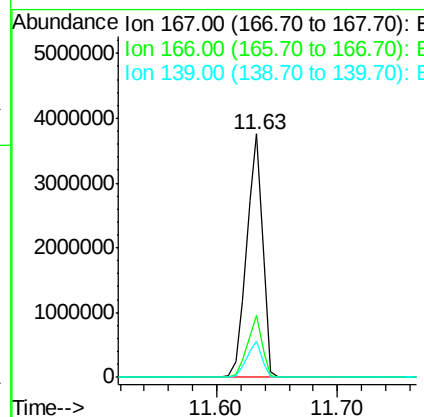
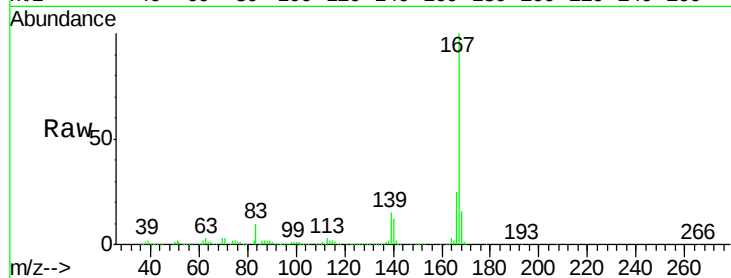
#73
 Carbazole
 Concen: 45.764 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF118604.D
 Acq: 20 Jan 2020 21:19

Instrument :
 BNA_F
 ClientSampleId :
 B3-15-20MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.5	19.4	29.2
139	15.1	11.7	17.5

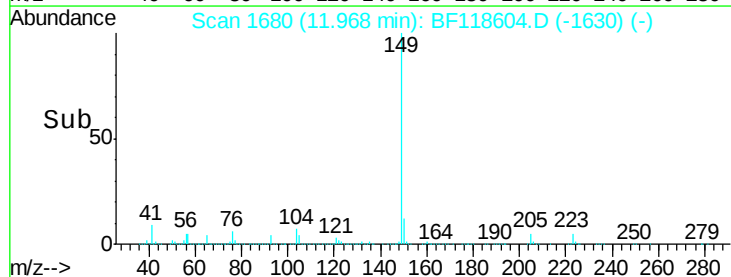
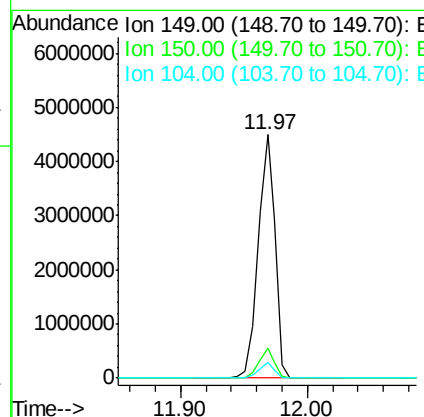
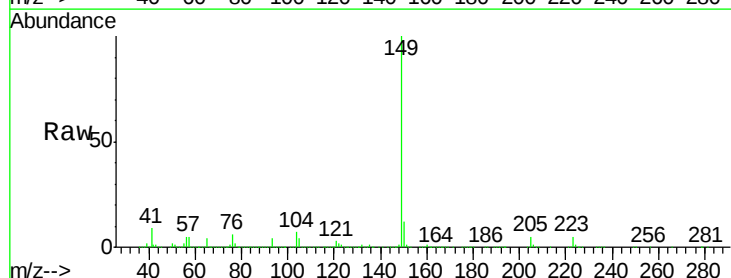
Manual Integrations
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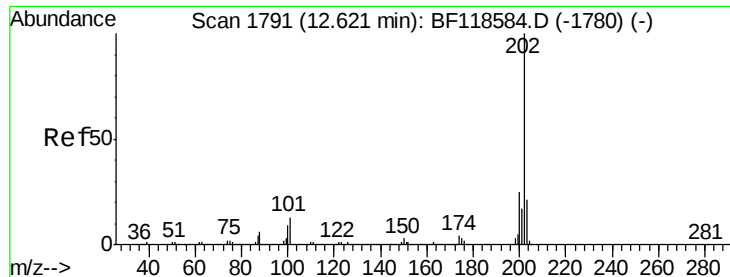
mohammad
 1/21/2020 2:26:15 PM



#74
 Di-n-butylphthalate
 Concen: 49.833 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF118604.D
 Acq: 20 Jan 2020 21:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	12.0	8.7	13.1
104	6.5	4.6	6.8





#75

Fluoranthene

Concen: 44.133 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Instrument :

BNA_F

ClientSampled :

B3-15-20MS

Tot Ion:202 Resp: 3895036

Ion Ratio Lower Upper

202 100

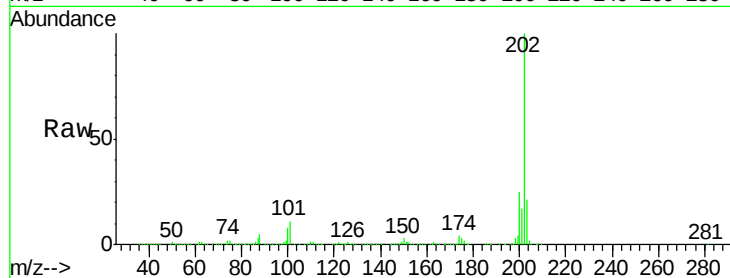
101 11.1 0.0 32.5

203 20.6 0.8 40.8

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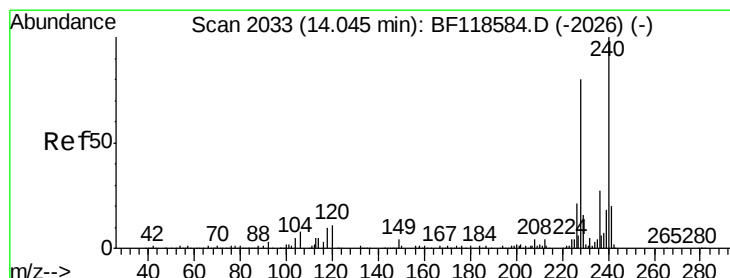
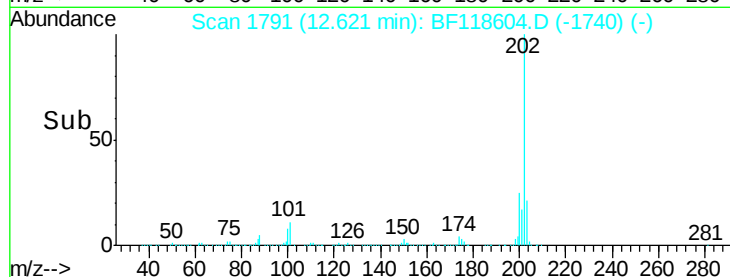
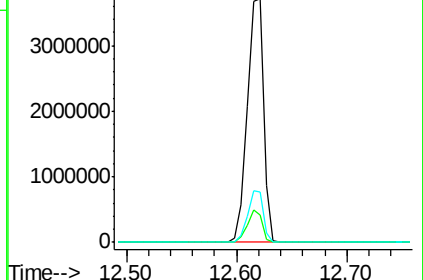
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Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Tgt Ion:240 Resp: 1004982

Ion Ratio Lower Upper

240 100

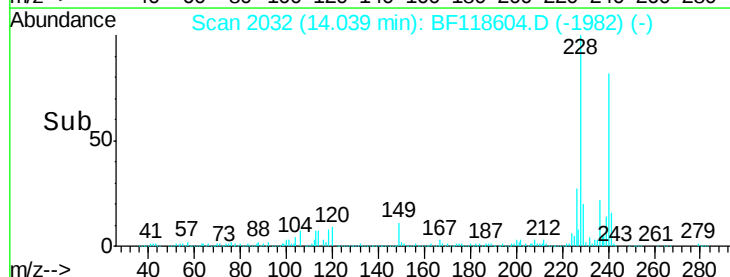
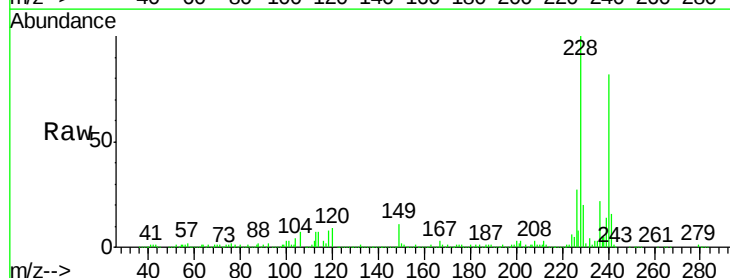
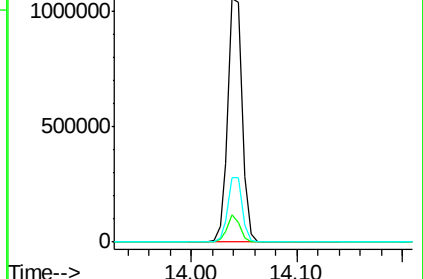
120 11.0 8.9 13.3

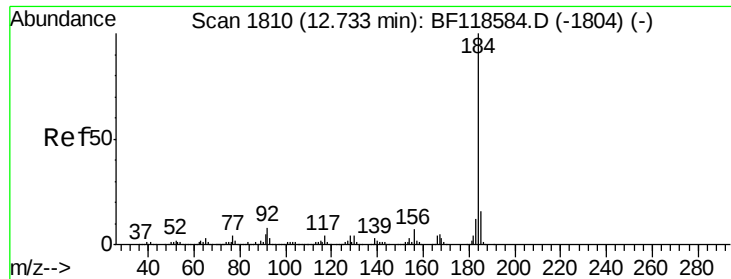
236 26.4 21.5 32.3

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: 41.891 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Instrument :

BNA_F

ClientSampleId :

B3-15-20MS

Tot Ion:184 Resp: 1124861

Ion Ratio Lower Upper

184 100

185 14.6 12.9 19.3

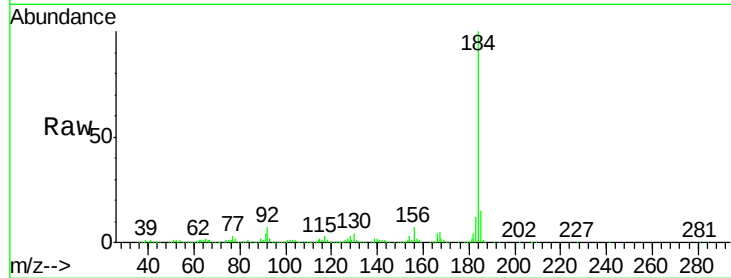
183 11.7 9.6 14.4

Manual Integrations

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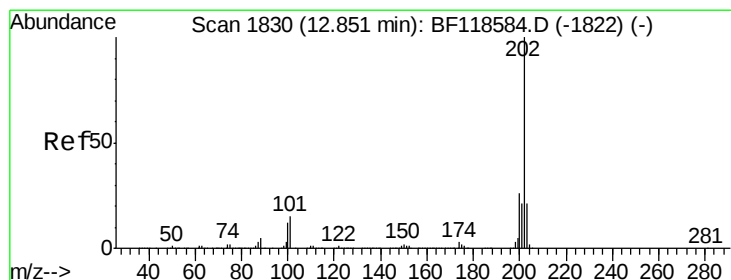
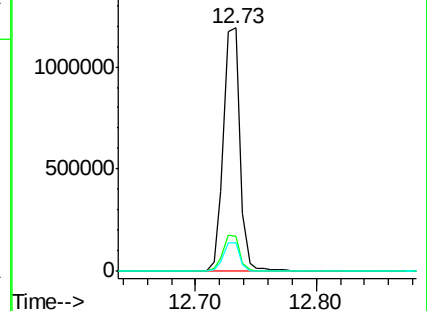
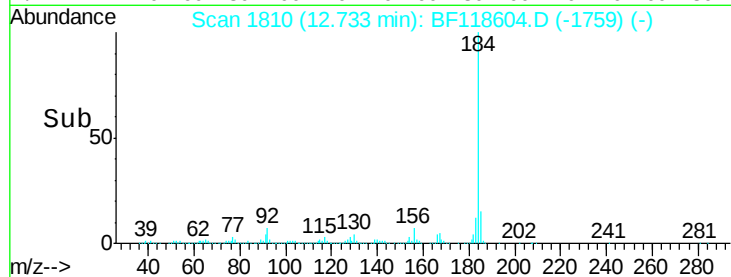
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 57.298 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

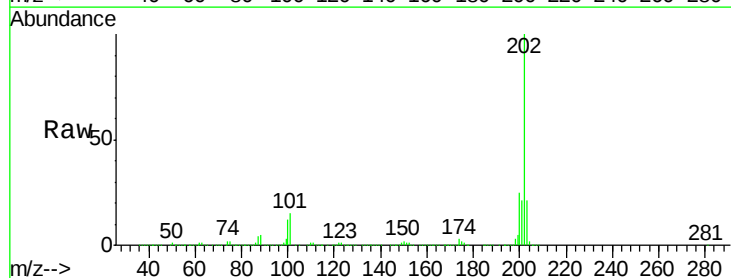
Tgt Ion:202 Resp: 3909388

Ion Ratio Lower Upper

202 100

200 25.4 20.6 31.0

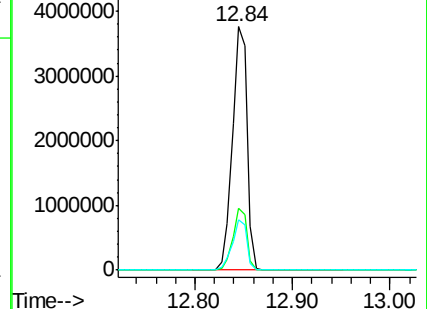
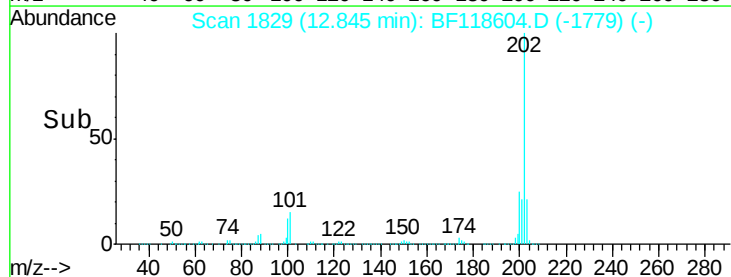
203 20.6 16.8 25.2

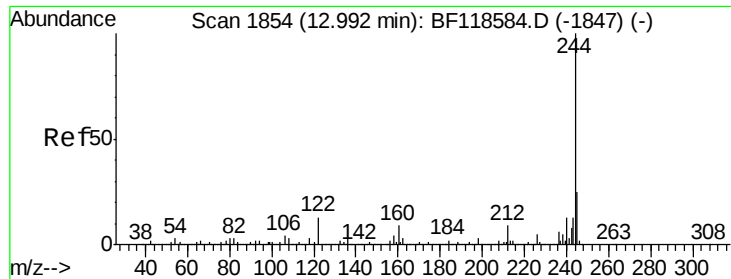


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





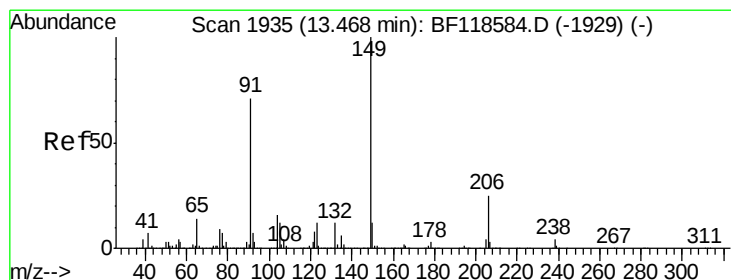
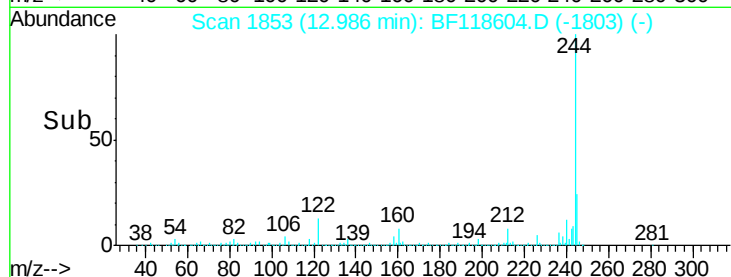
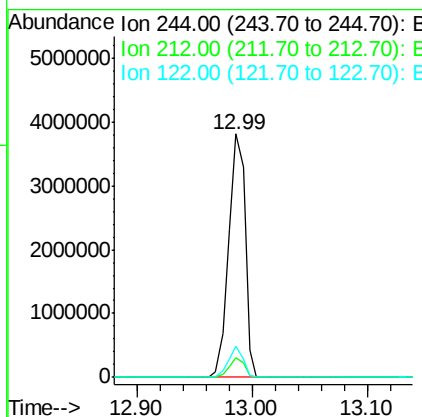
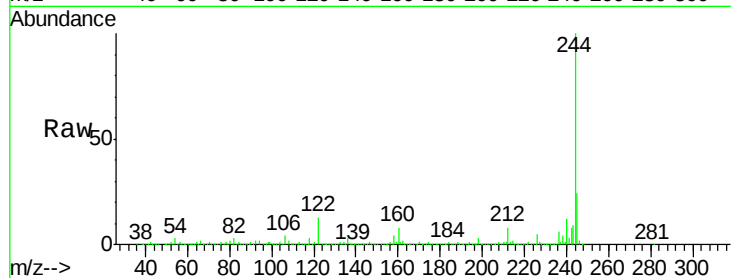
#79
 Terphenyl-d14
 Concen: 81.653 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF118604.D
 Acq: 20 Jan 2020 21:19

Instrument :
 BNA_F
 ClientSampleId :
 B3-15-20MS

Tot Ion:244 Resp: 3762306
 Ion Ratio Lower Upper
 244 100
 212 8.1 7.0 10.4
 122 12.6 10.7 16.1

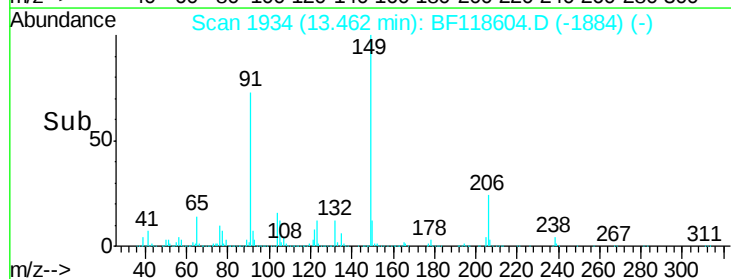
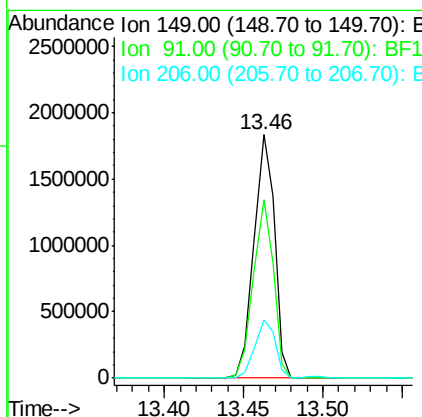
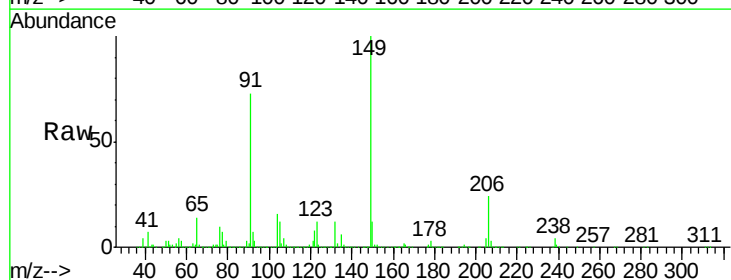
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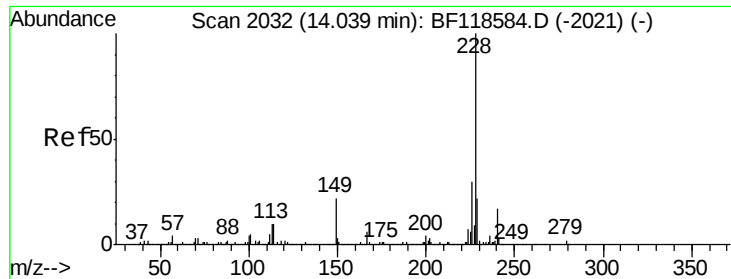
mohammad
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#80
 Butylbenzylphthalate
 Concen: 59.413 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BF118604.D
 Acq: 20 Jan 2020 21:19

Tgt Ion:149 Resp: 1659016
 Ion Ratio Lower Upper
 149 100
 91 73.3 56.5 84.7
 206 23.8 19.9 29.9





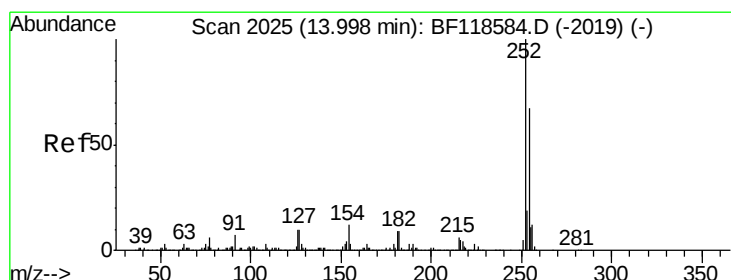
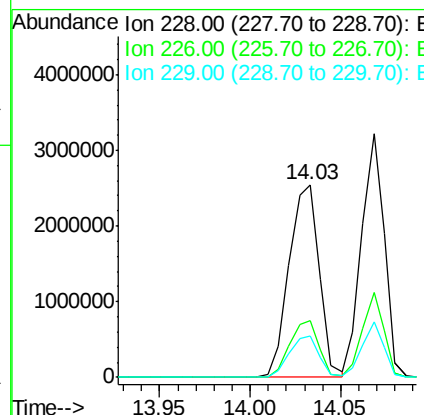
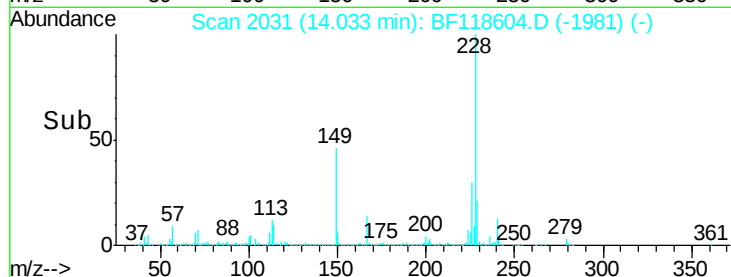
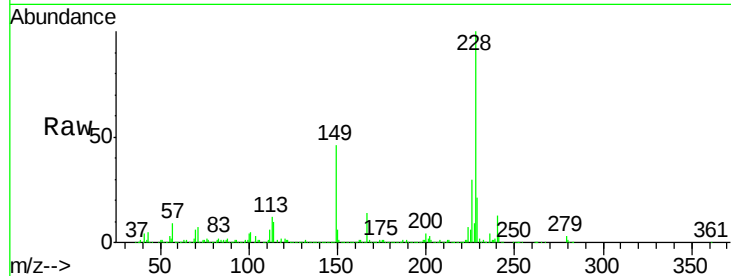
#81
Benzo(a)anthracene
Concen: 49.160 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Instrument :
BNA_F
ClientSampleId :
B3-15-20MS

Tot Ion:228 Resp: 2971937
Ion Ratio Lower Upper
228 100
226 29.6 24.1 36.1
229 21.4 17.6 26.4

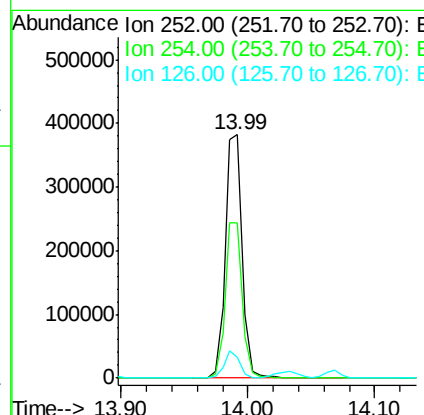
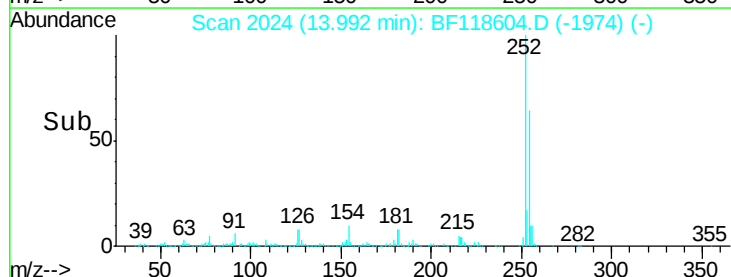
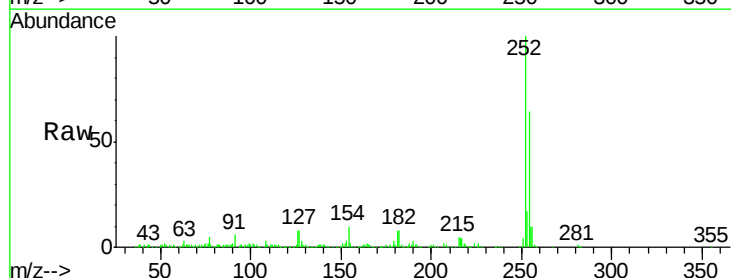
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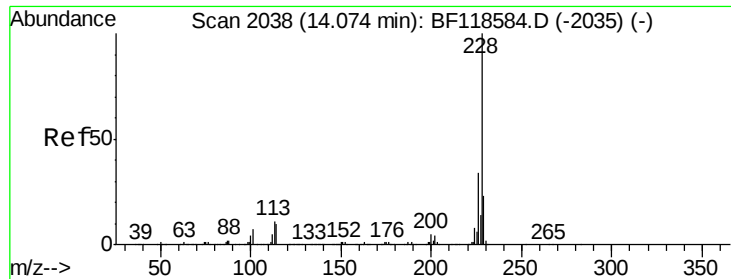
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 16.534 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Tgt Ion:252 Resp: 356176
Ion Ratio Lower Upper
252 100
254 63.6 53.4 80.2
126 8.4 8.0 12.0





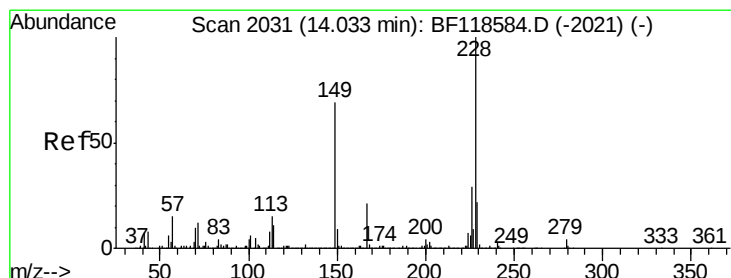
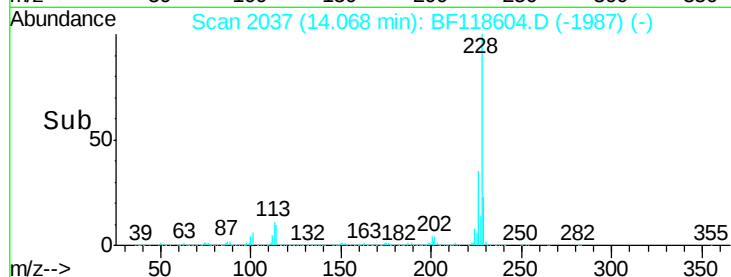
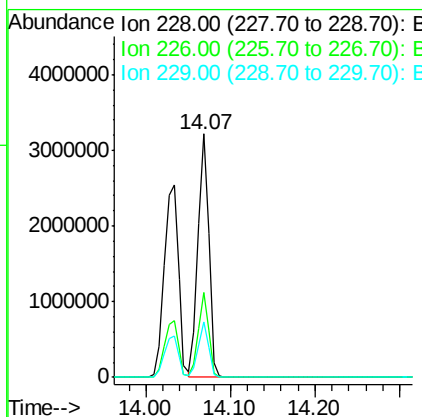
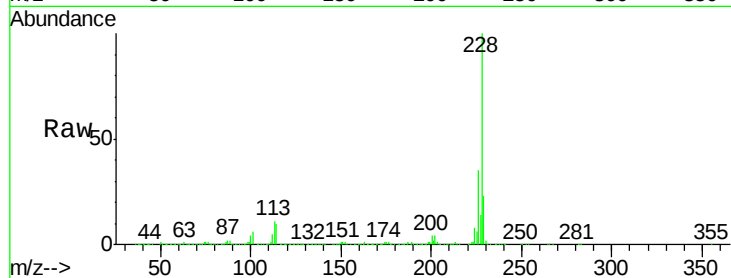
#83
 Chrysene
 Concen: 48.763 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF118604.D
 Acq: 20 Jan 2020 21:19

Instrument :
 BNA_F
 ClientSampleId :
 B3-15-20MS

Tot Ion:228 Resp: 2825315
 Ion Ratio Lower Upper
 228 100
 226 34.7 27.4 41.0
 229 22.5 18.3 27.5

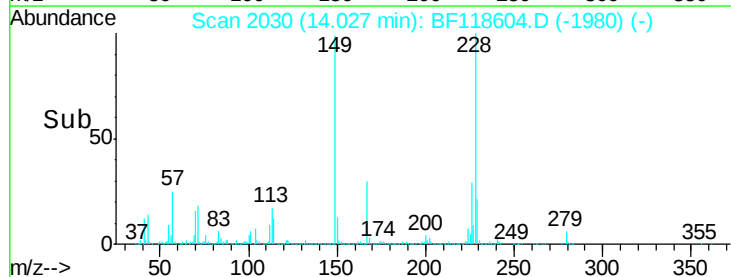
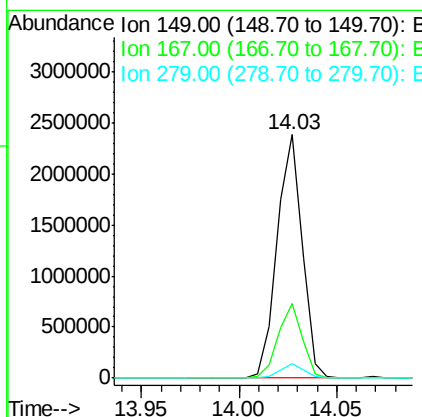
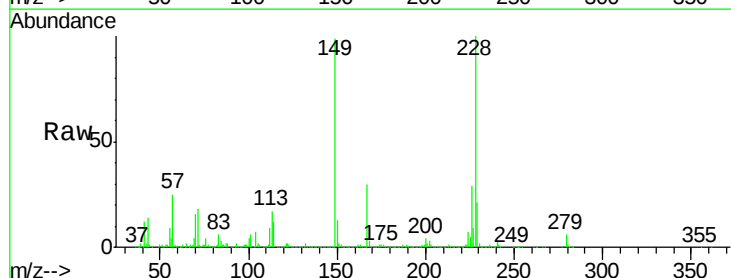
Manual Integrations
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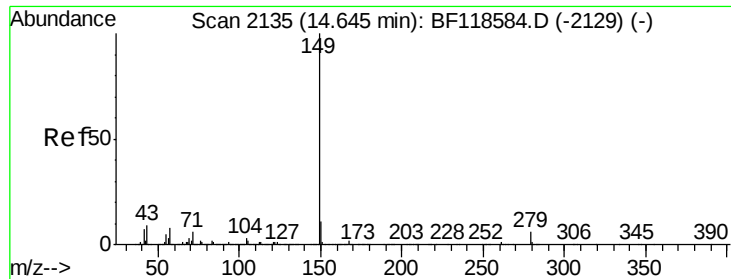
mohammad
 1/21/2020 2:26:15 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 62.266 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF118604.D
 Acq: 20 Jan 2020 21:19

Tgt Ion:149 Resp: 2124213
 Ion Ratio Lower Upper
 149 100
 167 30.5 24.2 36.4
 279 5.9 5.0 7.4





#85

Di-n-octyl phthalate

Concen: 61.848 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Instrument :

BNA_F

ClientSampleId :

B3-15-20MS

Tot Ion:149 Resp: 3123086

Ion Ratio Lower Upper

149 100

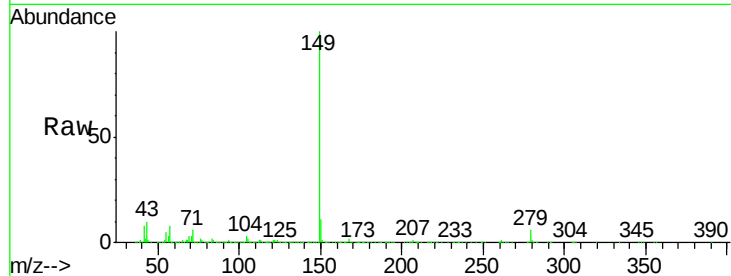
167 1.7 1.4 2.0

43 10.0 8.1 12.1

Manual Integrations
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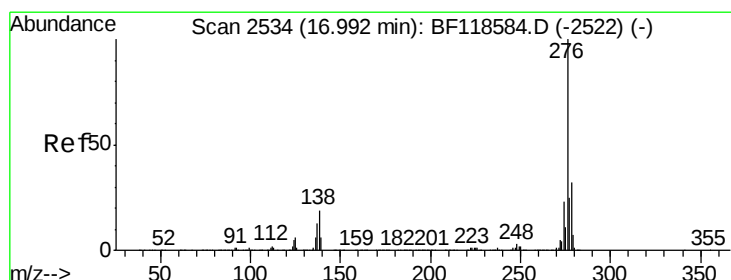
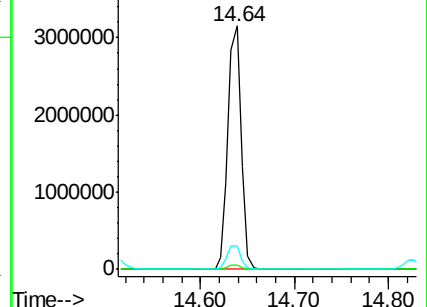
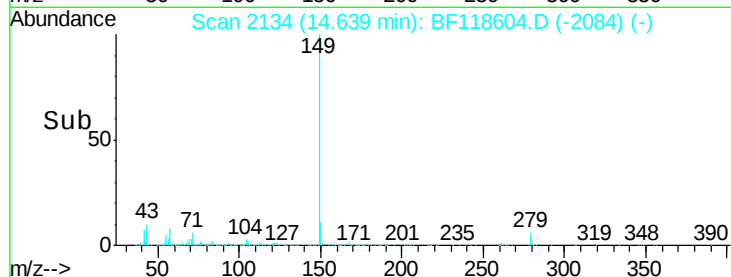
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 71.470 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

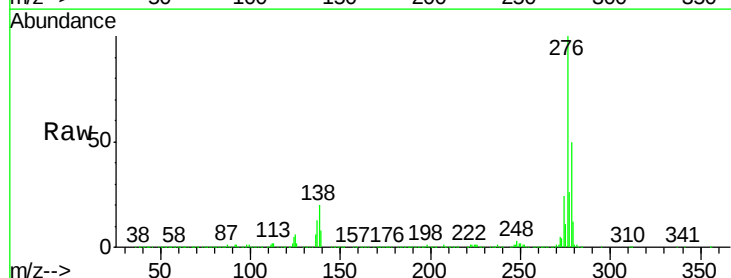
Tgt Ion:276 Resp: 3598104

Ion Ratio Lower Upper

276 100

138 21.8 17.2 25.8

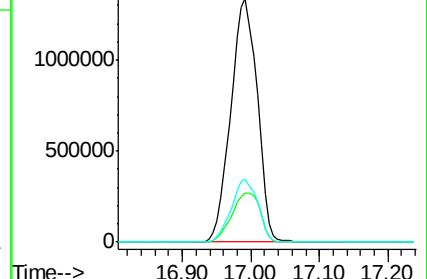
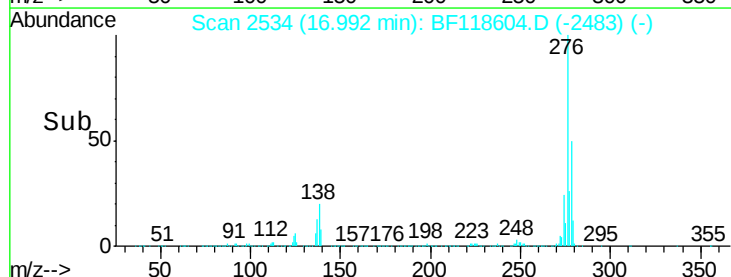
277 25.8 20.5 30.7

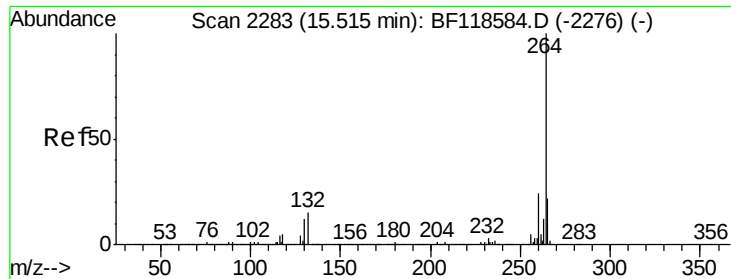


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





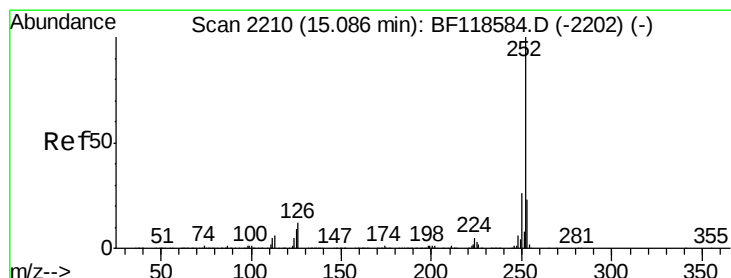
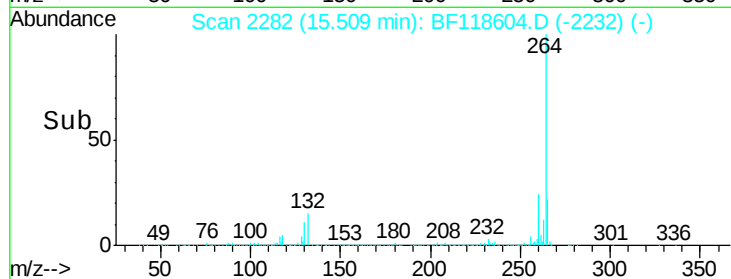
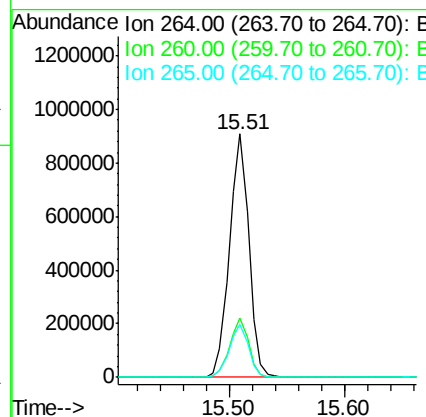
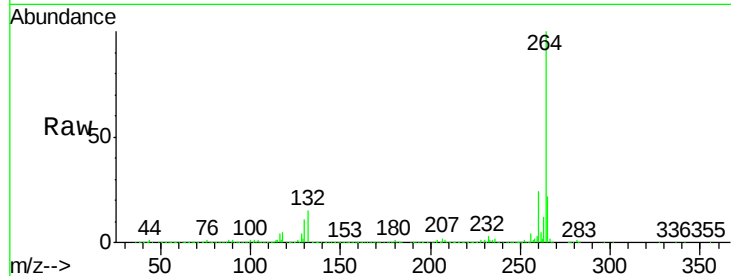
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Instrument :
BNA_F
ClientSampleId :
B3-15-20MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	21.9	17.7	26.5

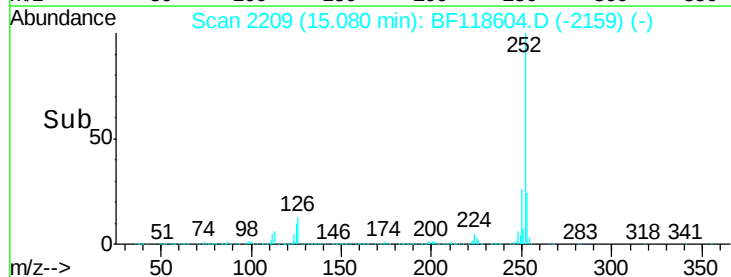
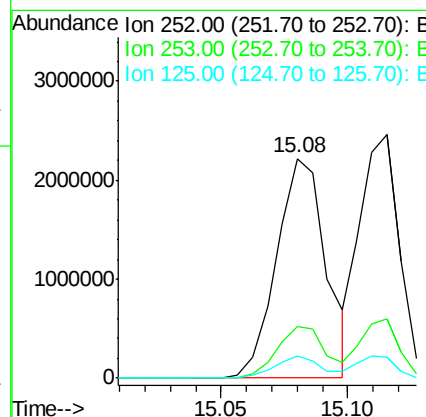
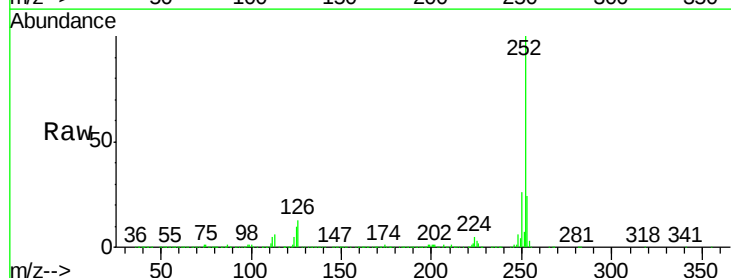
Manual Integrations
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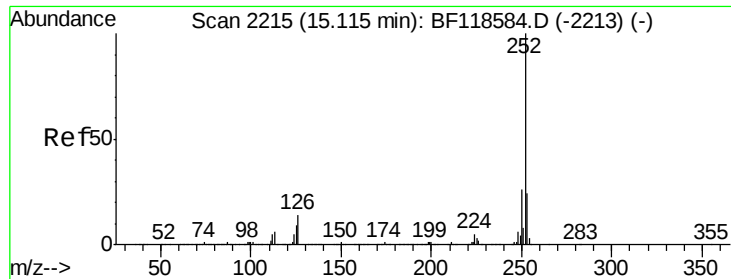
mohammad
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#88
Benzo(b)fluoranthene
Concen: 45.107 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.7	28.1
125	9.8	7.3	10.9





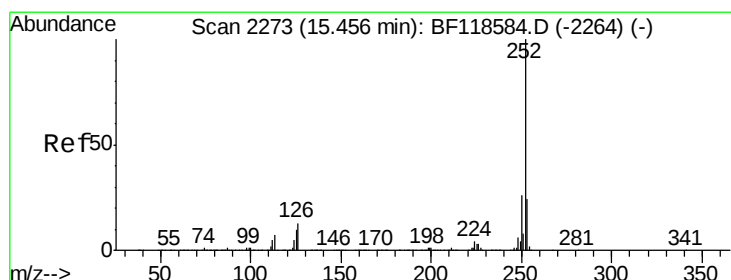
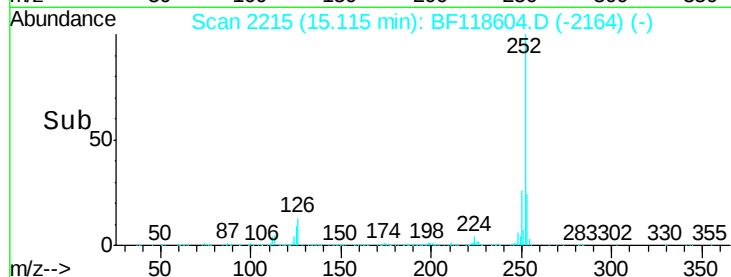
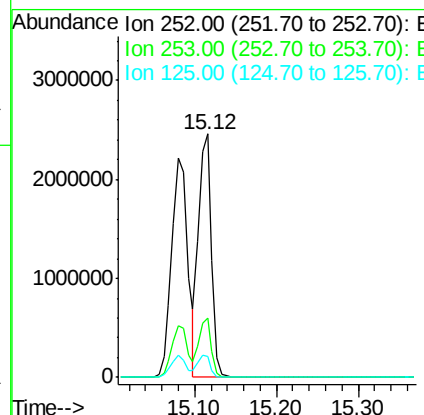
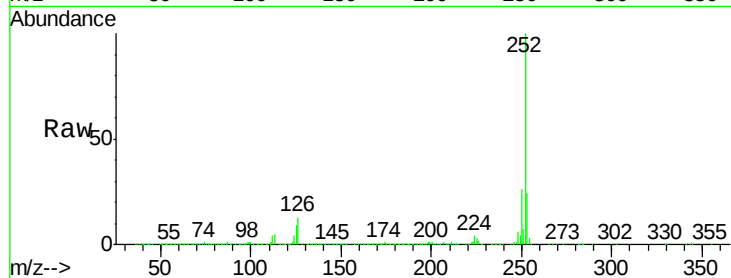
#89
Benzo(k)fluoranthene
Concen: 43.432 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Instrument :
BNA_F
ClientSampleId :
B3-15-20MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.0	28.4
125	8.8	7.6	11.4

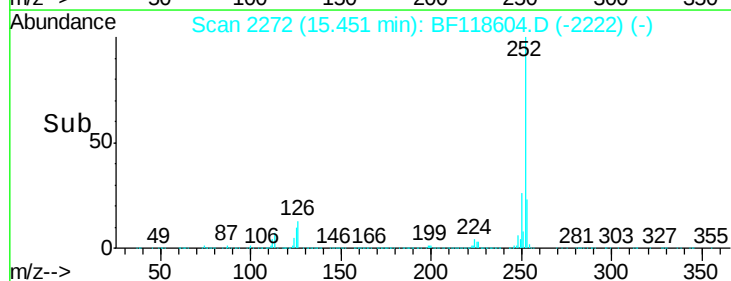
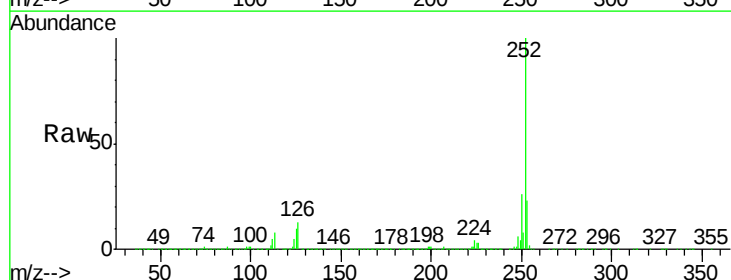
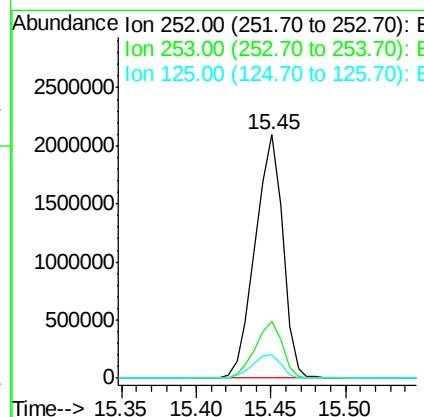
Manual Integrations
APPROVED

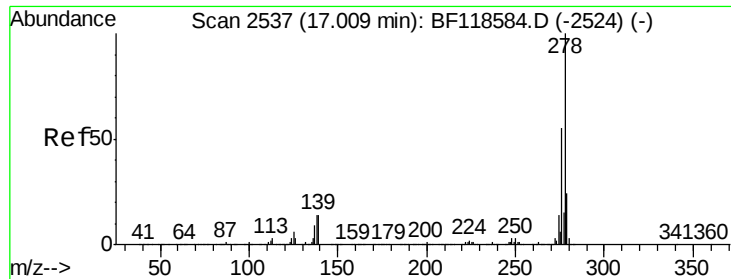
mohammad
1/21/2020 2:26:15 PM



#90
Benzo(a)pyrene
Concen: 46.553 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.8	28.2
125	9.7	7.8	11.6





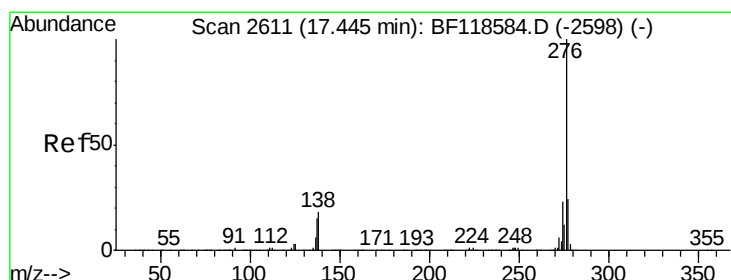
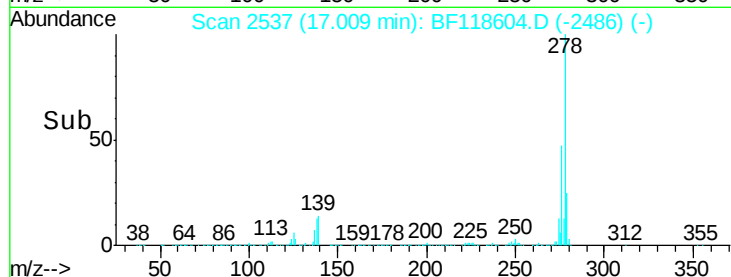
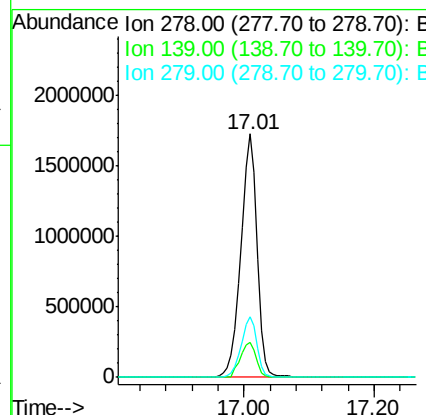
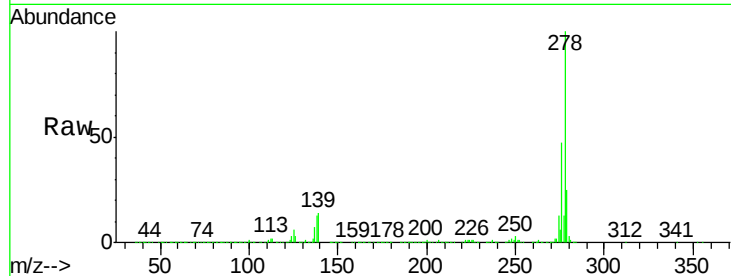
#91
Dibenzo(a,h)anthracene
Concen: 58.880 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.00 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Instrument :
BNA_F
ClientSampleId :
B3-15-20MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.2	11.4	17.0
279	24.8	19.0	28.6

Manual Integrations
APPROVED

mohammad
1/21/2020 2:26:15 PM



#92
Benzo(g,h,i)perylene
Concen: 61.337 ng
RT: 17.44 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BF118604.D
Acq: 20 Jan 2020 21:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.9	28.3
138	18.5	14.4	21.6

