

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
 Data File : BF118647.D
 Acq On : 21 Jan 2020 22:13
 Operator : CG/JU
 Sample : L1004-12MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720MSD

Manual Integrations
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 1/22/2020 1:36:26 PM

Quant Time: Jan 22 04:50:14 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	400151	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1463985	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	810386	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	1505123	20.00	ng	0.00
76) Chrysene-d12	14.04	240	1093575	20.00	ng	0.00
87) Perylene-d12	15.51	264	959291	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	2689871	124.85	ng	0.02
7) Phenol-d6	6.52	99	3375493	120.54	ng	0.00
23) Nitrobenzene-d5	7.44	82	2425096	92.65	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	1316749	140.48	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	4238683	85.97	ng	0.00
79) Terphenyl-d14	12.99	244	4973846	99.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.86	88	431411	41.341	ng	97
3) Pyridine	3.56	79	787876	26.787	ng	98
4) n-Nitrosodimethylamine	3.49	42	513979	40.760	ng	85
6) Aniline	6.55	93	276976	7.511	ng	98
8) 2-Chlorophenol	6.67	128	1140299	47.153	ng	99
9) Benzaldehyde	6.43	77	644836	37.864	ng	98
10) Phenol	6.53	94	1248996	39.137	ng	95
11) bis(2-Chloroethyl)ether	6.62	93	1096816	46.323	ng	99
12) 1,3-Dichlorobenzene	6.82	146	1280242	45.230	ng	99
13) 1,4-Dichlorobenzene	6.90	146	1285082	45.228	ng	99
14) 1,2-Dichlorobenzene	7.05	146	1219817	45.669	ng	99
15) Benzyl Alcohol	7.02	79	1052119	47.377	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1425295	43.217	ng	99
17) 2-Methylphenol	7.13	107	945006	46.913	ng	98
18) Hexachloroethane	7.40	117	451320	43.805	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	832449	44.025	ng	99
20) 3+4-Methylphenols	7.28	107	1122226	45.630	ng	95
22) Acetophenone	7.29	105	1514363	43.666	ng	96
24) Nitrobenzene	7.46	77	1237096	46.161	ng	99
25) Isophorone	7.70	82	2205570	46.200	ng	99
26) 2-Nitrophenol	7.77	139	612332	53.579	ng	99
27) 2,4-Dimethylphenol	7.81	122	1028723	52.127	ng	97
28) bis(2-Chloroethoxy)methane	7.91	93	1360905	44.242	ng	99
29) 2,4-Dichlorophenol	8.02	162	1032709	47.337	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	1135024	44.871	ng	99
31) Naphthalene	8.19	128	3184595	48.154	ng	100
32) Benzoic acid	7.93	122	613310	41.409	ng	95
33) 4-Chloroaniline	8.22	127	122951	4.022	ng	99
34) Hexachlorobutadiene	8.30	225	660661	42.888	ng	99
35) Caprolactam	8.59	113	276851m	38.778	ng	
36) 4-Chloro-3-methylphenol	8.71	107	1023268	47.498	ng	99
37) 2-Methylnaphthalene	8.87	142	2270188	48.632	ng	100
38) 1-Methylnaphthalene	8.97	142	2132486	48.084	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1115969	44.011	ng	99

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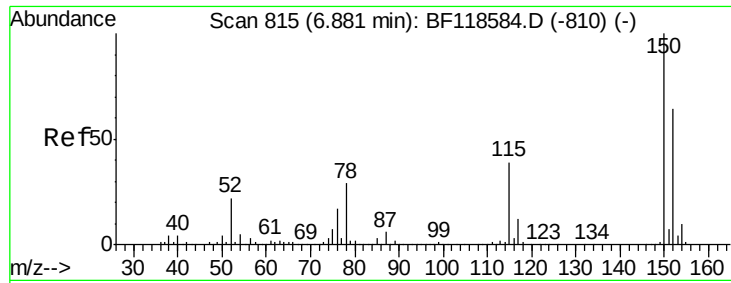
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	1215148	94.984	nq	99
43) 2,4,6-Trichlorophenol	9.15	196	789735	46.935	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	831964	48.414	nq	99
46) 1,1'-Biphenyl	9.34	154	2665977	47.733	nq	99
47) 2-Chloronaphthalene	9.36	162	2170561	46.108	nq	99
48) 2-Nitroaniline	9.46	65	631552	43.642	nq	91
49) Acenaphthylene	9.78	152	3269938	49.375	nq	99
50) Dimethylphthalate	9.64	163	2672921	50.626	nq	100
51) 2,6-Dinitrotoluene	9.70	165	586410	49.600	nq	86
52) Acenaphthene	9.95	154	2269834	51.256	nq	99
53) 3-Nitroaniline	9.86	138	94589	7.007	nq	91
54) 2,4-Dinitrophenol	9.97	184	536244	113.611	nq	# 33
55) Dibenzofuran	10.13	168	2985801	48.653	nq	97
56) 4-Nitrophenol	10.03	139	973069	95.480	nq	89
57) 2,4-Dinitrotoluene	10.10	165	788446	52.900	nq	97
58) Fluorene	10.47	166	2300802	47.756	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	736531	48.729	nq	97
60) Diethylphthalate	10.34	149	2388470	46.658	nq	99
61) 4-Chlorophenyl-phenylether	10.46	204	1218817	46.515	nq	99
62) 4-Nitroaniline	10.48	138	541980	39.138	nq	96
63) Azobenzene	10.62	77	2319868	46.793	nq	93
65) 4,6-Dinitro-2-methylphenol	10.51	198	391370	59.134	nq	93
66) n-Nitrosodiphenylamine	10.57	169	2163241	47.658	nq	99
67) 4-Bromophenyl-phenylether	10.95	248	845573	45.473	nq	99
68) Hexachlorobenzene	11.02	284	931082	44.164	nq	# 93
69) Atrazine	11.10	200	765521	48.658	nq	98
70) Pentachlorophenol	11.21	266	1084336	92.510	nq	98
71) Phenanthrene	11.43	178	3449212	47.501	nq	99
72) Anthracene	11.48	178	3540916	49.282	nq	99
73) Carbazole	11.63	167	3179356	48.242	nq	99
74) Di-n-butylphthalate	11.96	149	3498540	47.780	nq	99
75) Fluoranthene	12.62	202	3690165	48.183	nq	99
77) Benzidine	12.73	184	56777	1.943	nq	# 94
78) Pyrene	12.84	202	3707910	49.942	nq	99
80) Butylbenzylphthalate	13.46	149	1611744	53.044	nq	97
81) Benzo(a)anthracene	14.03	228	3097703	47.089	nq	99
82) 3,3'-Dichlorobenzidine	13.99	252	374099	15.959	nq	98
83) Chrysene	14.07	228	2985673	47.356	nq	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	2012583	54.215	nq	99
85) Di-n-octyl phthalate	14.63	149	3114506	56.681	nq	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	3169216	57.851	nq	99
88) Benzo(b)fluoranthene	15.08	252	2652736	43.993	nq	99
89) Benzo(k)fluoranthene	15.11	252	2652565	47.483	nq	99
90) Benzo(a)pyrene	15.45	252	2408744	46.308	nq	99
91) Dibenzo(a,h)anthracene	17.01	278	2605964	56.638	nq	98
92) Benzo(g,h,i)perylene	17.44	276	2725199	61.002	nq	99

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



#1

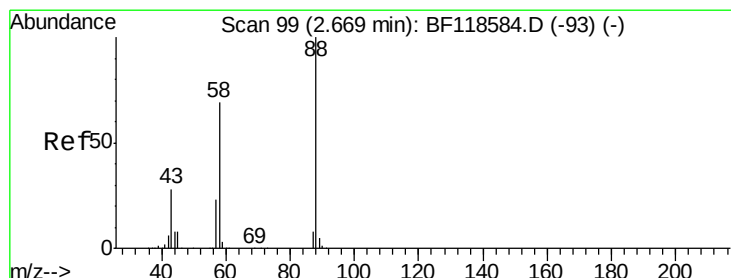
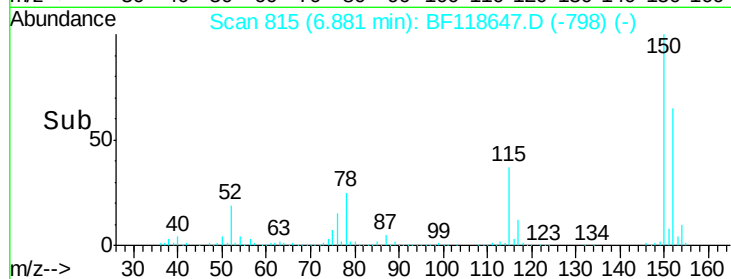
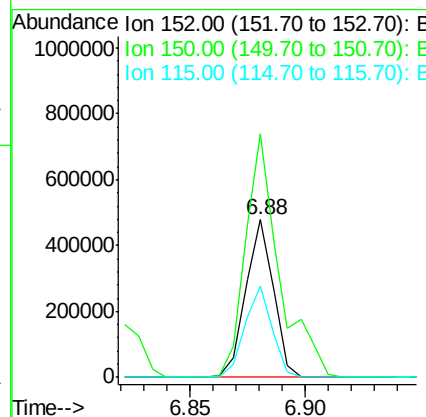
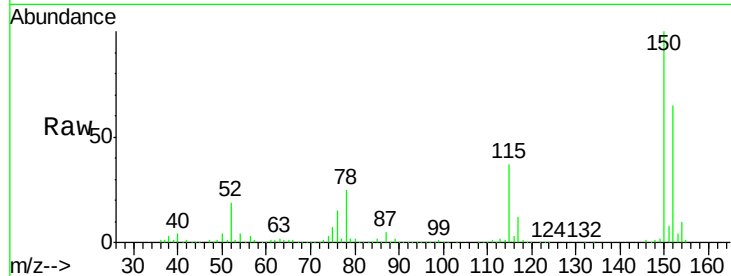
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	125.6	188.4
115	57.7	48.4	72.6

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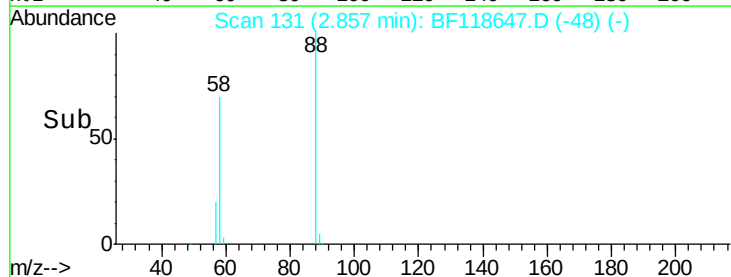
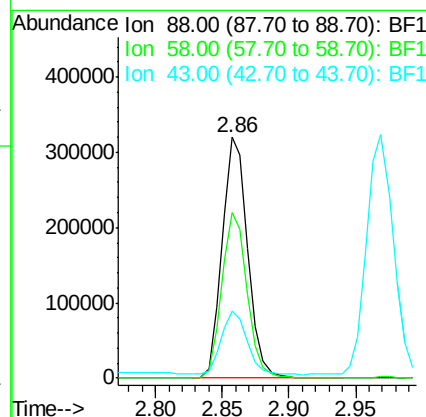
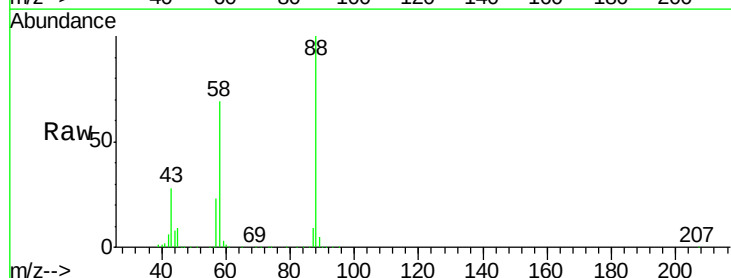
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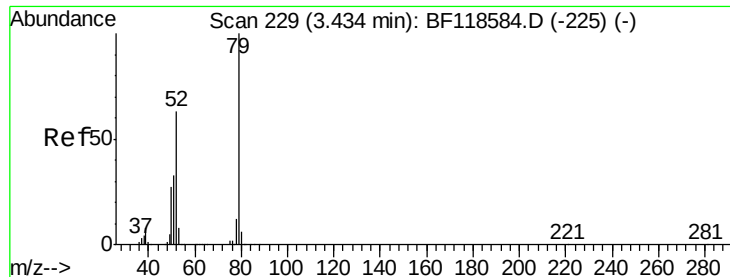


#2

1,4-Dioxane
Concen: 41.341 ng
RT: 2.86 min Scan# 131
Delta R.T. 0.19 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.5	56.1	84.1
43	26.7	23.0	34.6





#3

Pvridine

Concen: 26.787 ng

RT: 3.56 min Scan# 251

Delta R.T. 0.13 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

Instrument :

BNA_F

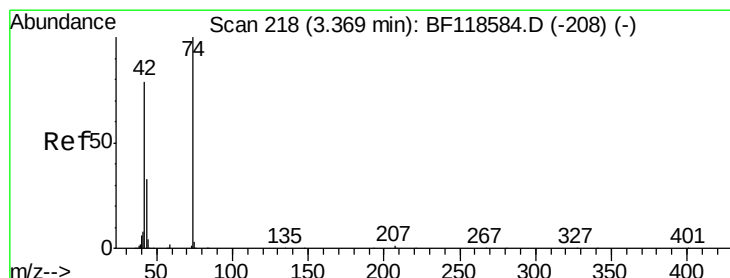
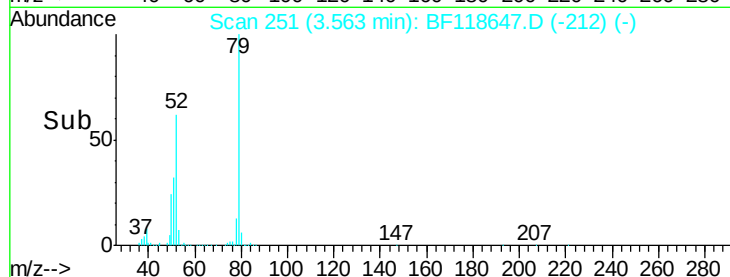
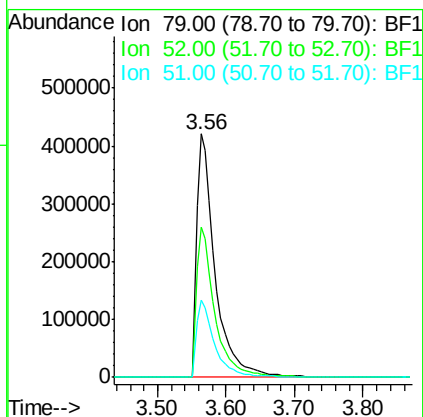
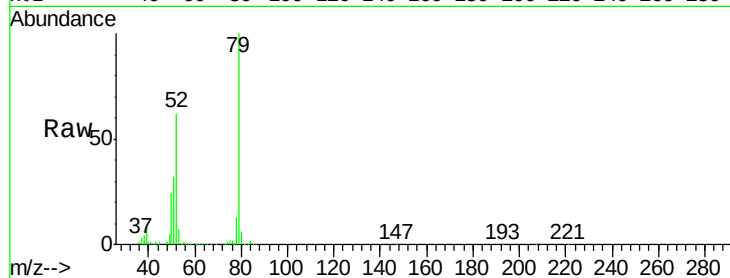
ClientSampleId :

BU-02-101720MSD

Tot Ion:	79	Resp:	787876
Ion	Ratio	Lower	Upper
79	100		
52	61.9	50.7	76.1
51	31.9	26.6	40.0

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#4

n-Nitrosodimethylamine

Concen: 40.760 ng

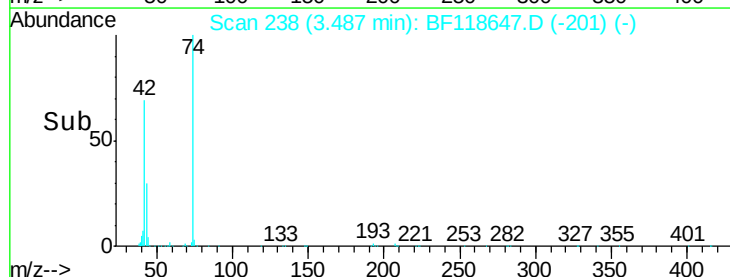
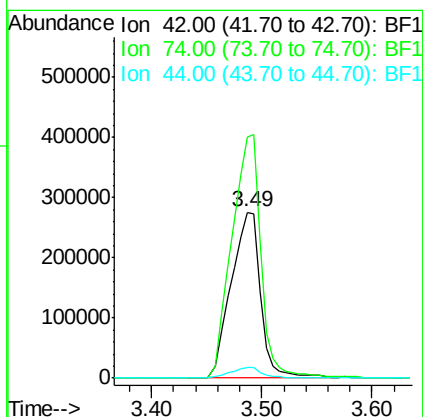
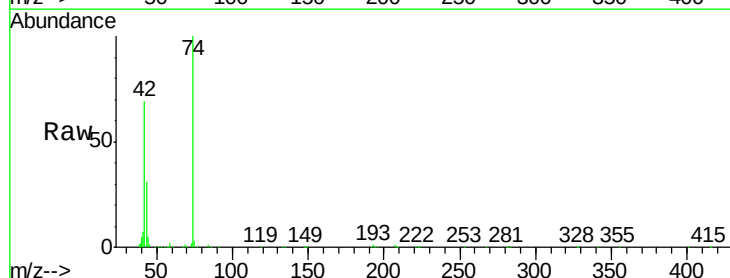
RT: 3.49 min Scan# 238

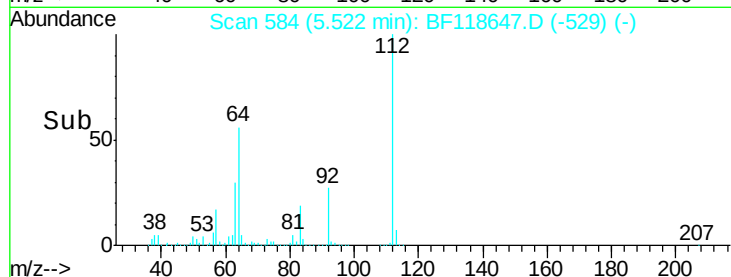
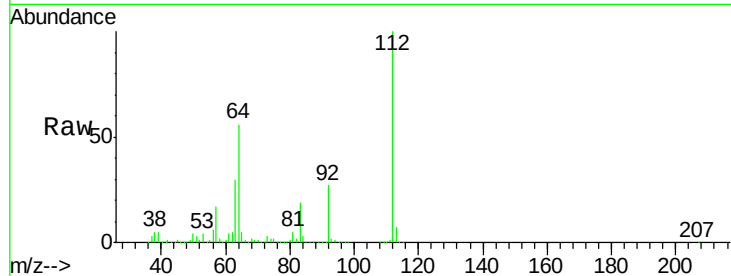
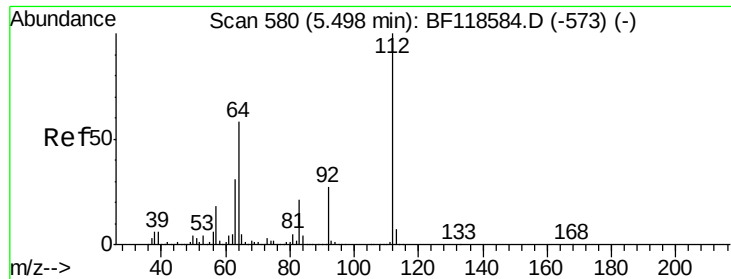
Delta R.T. 0.12 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

Tgt Ion:	42	Resp:	513979
Ion	Ratio	Lower	Upper
42	100		
74	145.1	101.6	152.4
44	6.8	4.9	7.3





#5

2-Fluorophenol

Concen: 124.847 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.02 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

Tot Ion:	112	Resp:	2689871
Ion	Ratio	Lower	Upper
112	100		
64	56.1	46.6	70.0
63	29.5	25.1	37.7

Instrument :

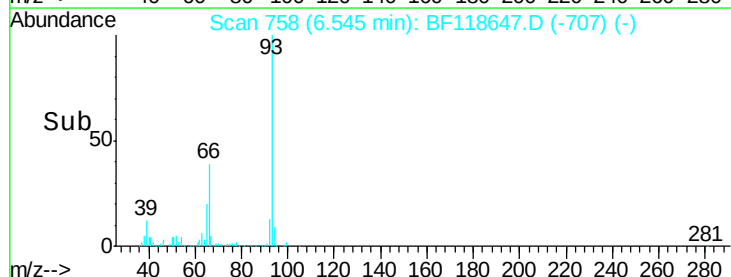
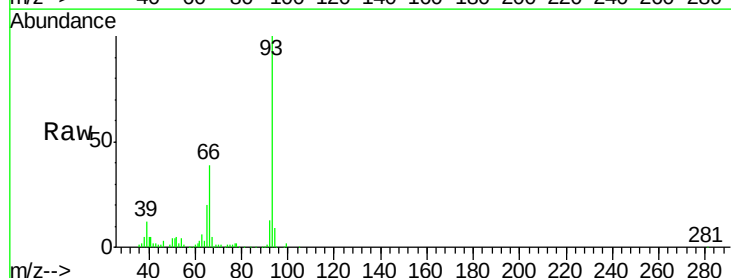
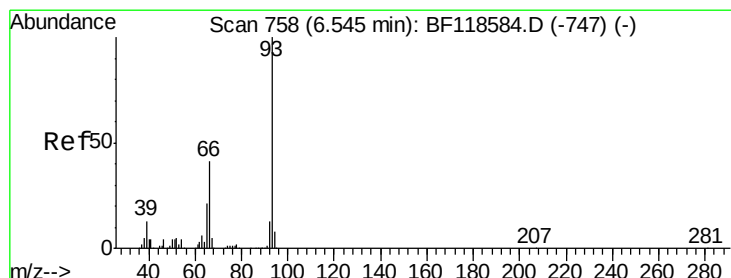
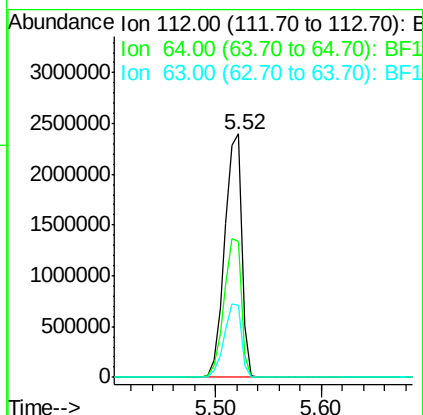
BNA_F

ClientSampleId :

BU-02-101720MSD

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#6

Aniline

Concen: 7.511 ng

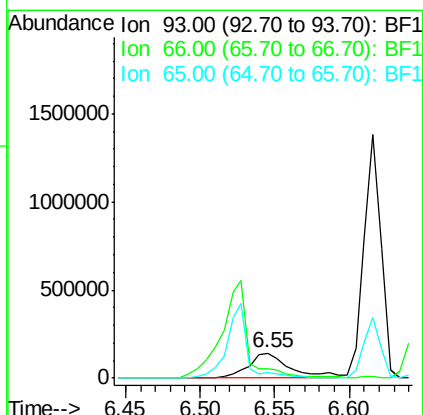
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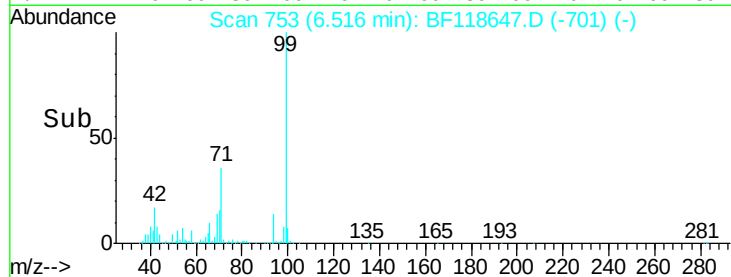
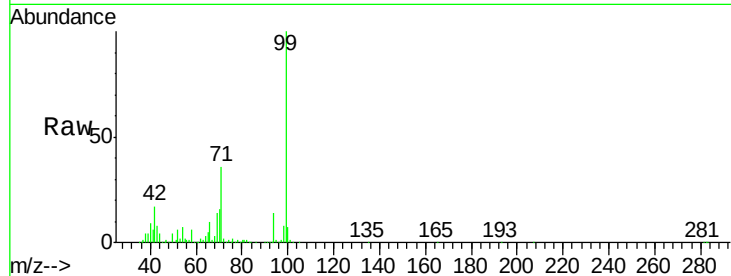
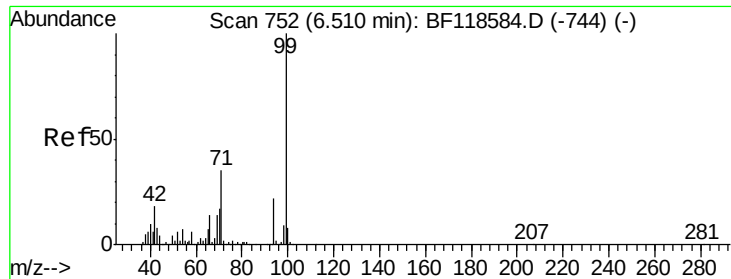
Delta R.T. 0.00 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

Tgt Ion:	93	Resp:	276976
Ion	Ratio	Lower	Upper
93	100		
66	39.1	32.8	49.2
65	20.2	16.5	24.7





#7

Phenol-d6

Concen: 120.539 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

Tot Ion: 99 Resp: 3375493

Ion Ratio Lower Upper

99 100

42 17.3 14.2 21.2

71 35.6 27.8 41.6

Instrument :

BNA_F

ClientSampleId :

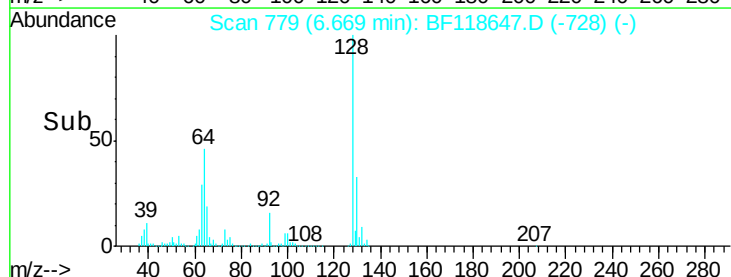
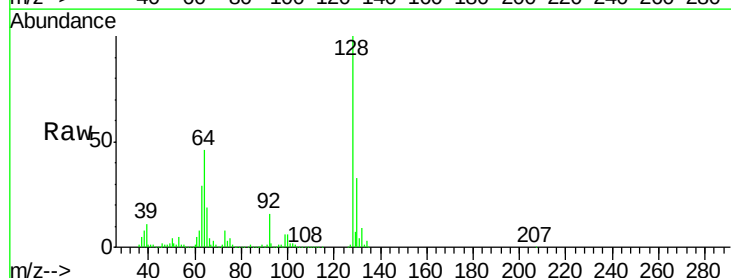
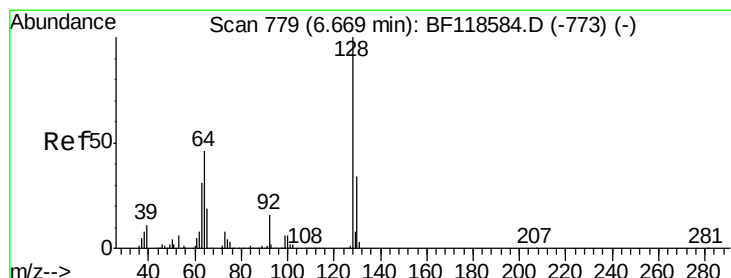
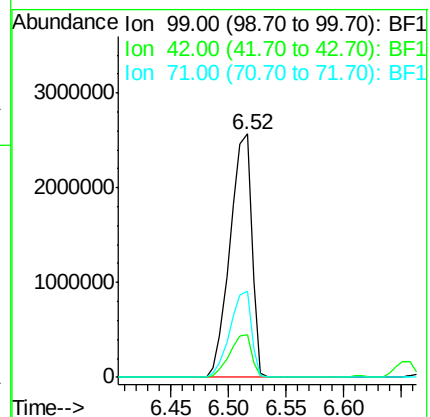
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#8

2-Chlorophenol

Concen: 47.153 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

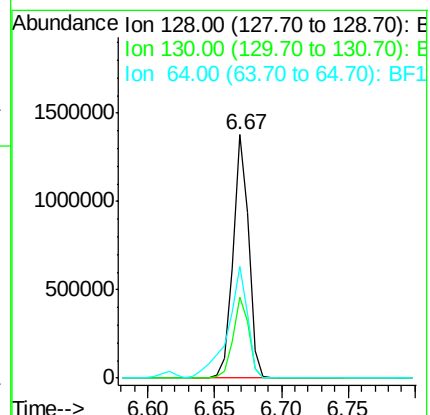
Tgt Ion:128 Resp: 1140299

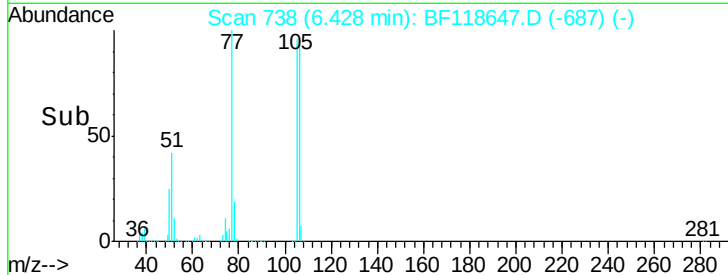
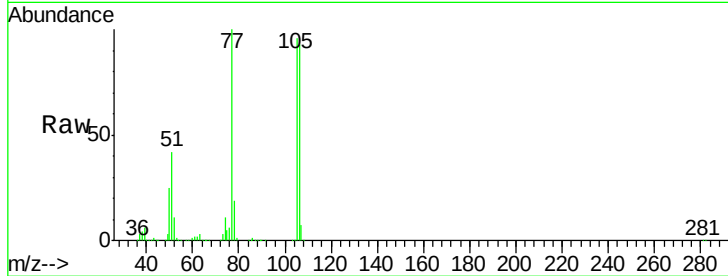
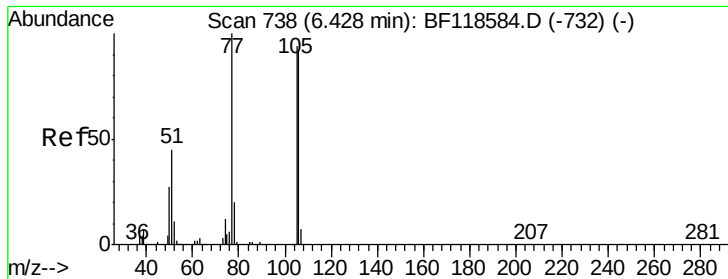
Ion Ratio Lower Upper

128 100

130 33.4 13.6 53.6

64 45.9 26.4 66.4





#9

Benzaldehyde

Concen: 37.864 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

Tot Ion:	77	Resp:	644836
Ion Ratio	Lower	Upper	
77	100		
105	96.3	73.5	113.5
106	92.6	71.9	111.9

Instrument :

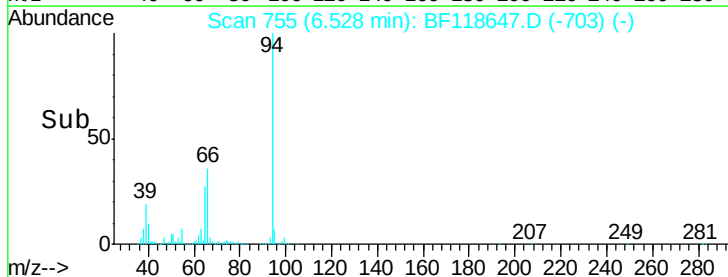
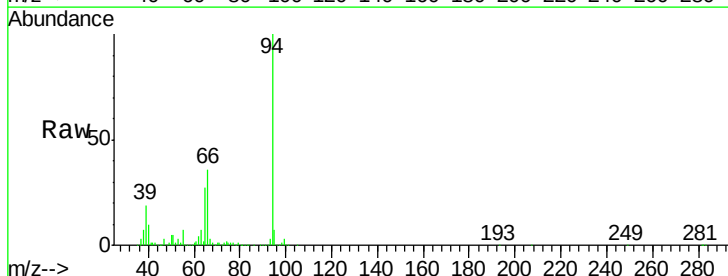
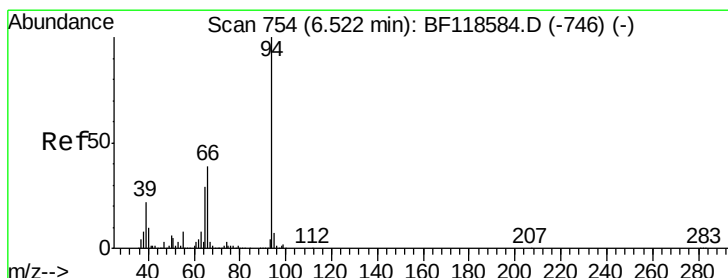
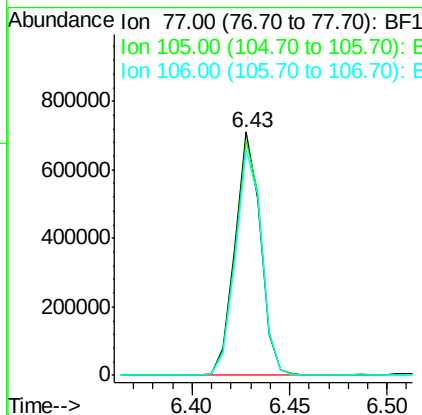
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 39.137 ng

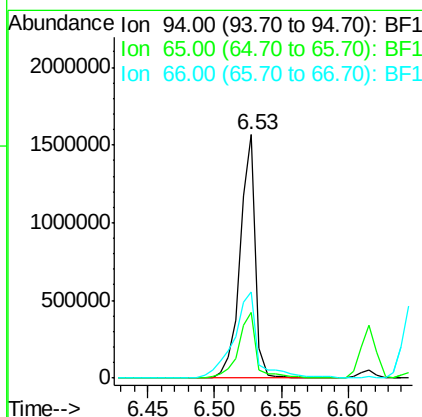
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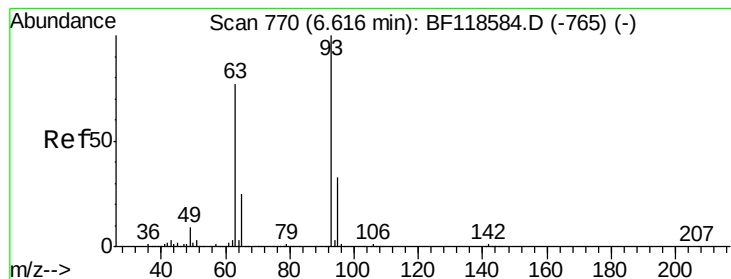
Delta R.T. 0.01 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

Tgt Ion:	94	Resp:	1248996
Ion Ratio	Lower	Upper	
94	100		
65	26.8	9.5	49.5
66	35.6	18.5	58.5





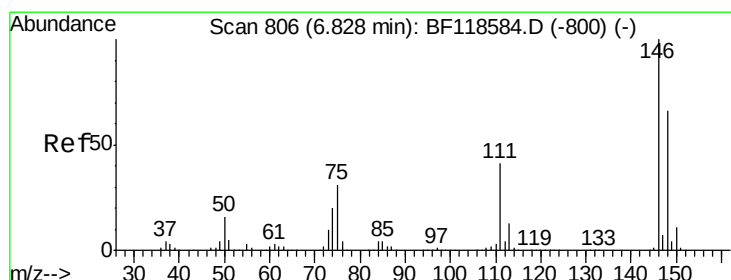
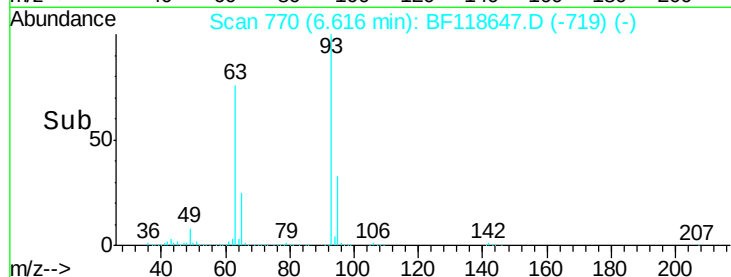
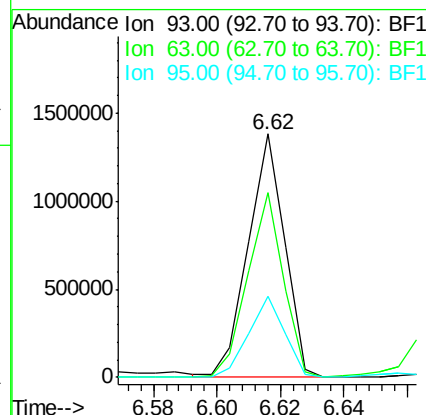
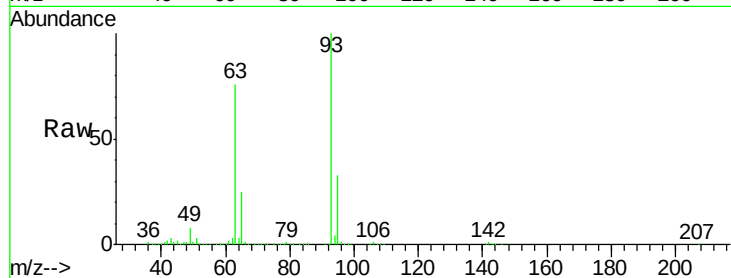
#11
bis(2-Chloroethyl)ether
Concen: 46.323 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.7	56.3	96.3
95	33.3	13.3	53.3

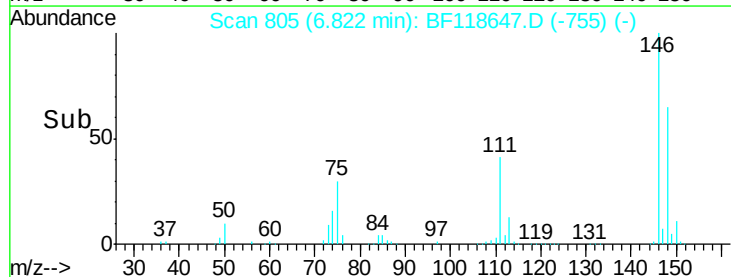
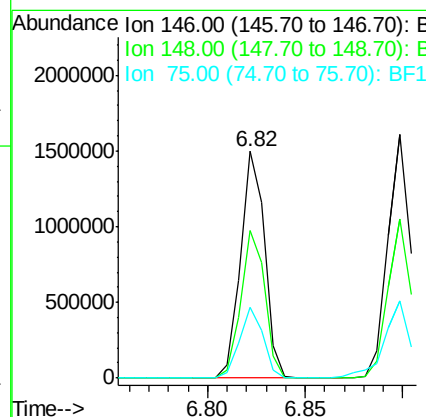
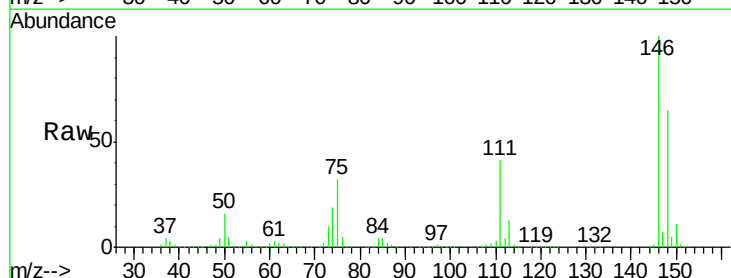
Manual Integrations
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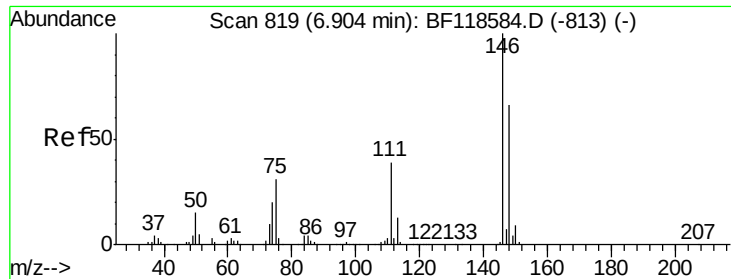
mohammad
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#12
1,3-Dichlorobenzene
Concen: 45.230 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	53.0	79.6
75	31.5	25.1	37.7





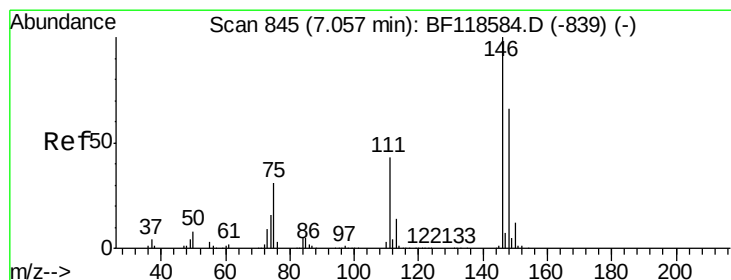
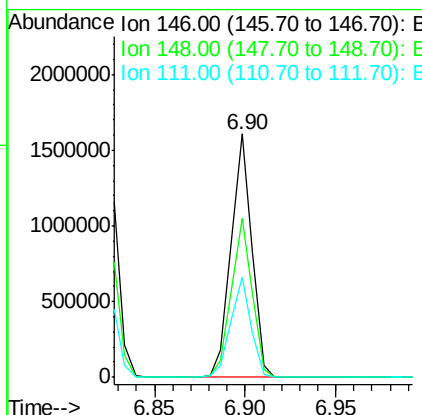
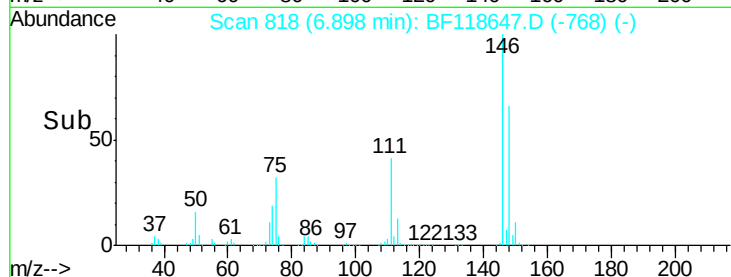
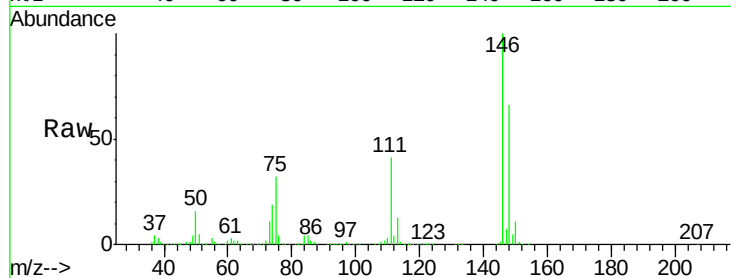
#13
1,4-Dichlorobenzene
Concen: 45.228 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

Tot Ion:146 Resp: 1285082
Ion Ratio Lower Upper
146 100
148 65.5 52.4 78.6
111 41.0 31.6 47.4

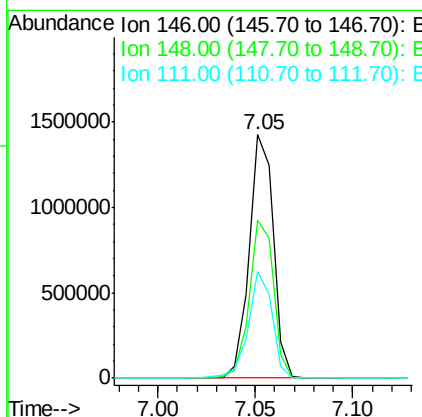
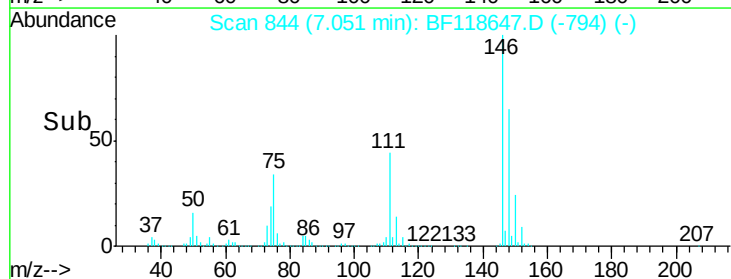
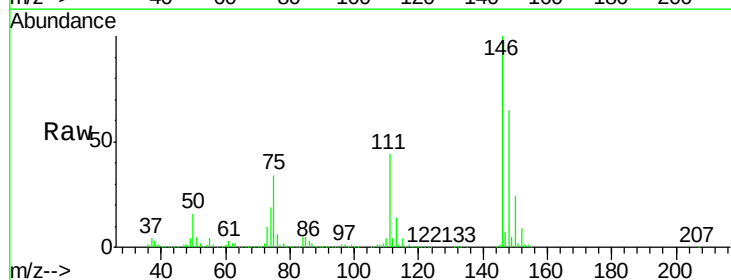
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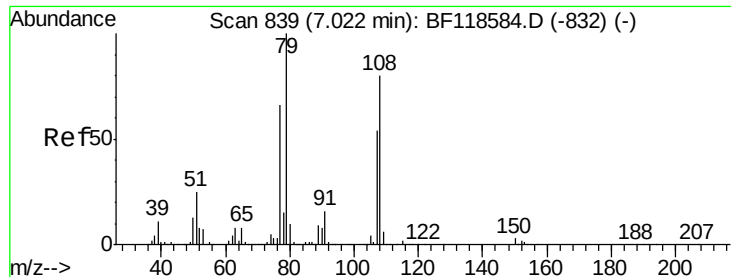
mohammad
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#14
1,2-Dichlorobenzene
Concen: 45.669 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion:146 Resp: 1219817
Ion Ratio Lower Upper
146 100
148 65.1 52.7 79.1
111 43.8 34.6 52.0





#15

Benzyl Alcohol

Concen: 47.377 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MSD

Tot Ion: 79 Resp: 1052119

Ion Ratio Lower Upper

79 100

108 82.0 63.6 95.4

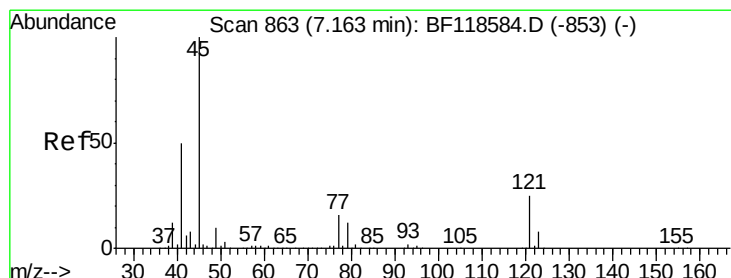
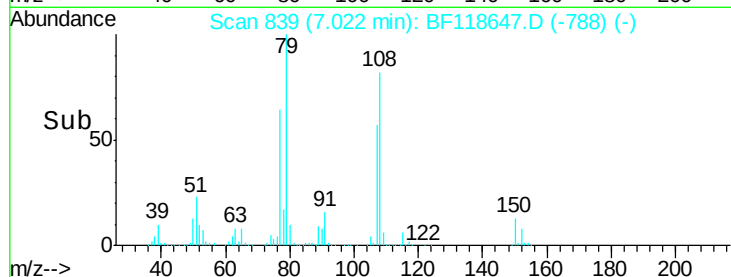
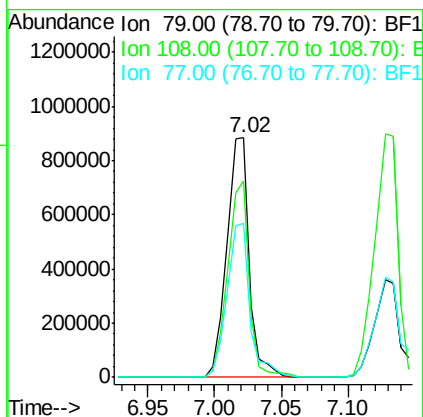
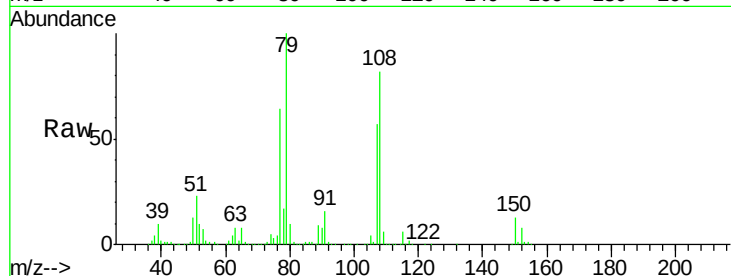
77 64.3 52.5 78.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.217 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

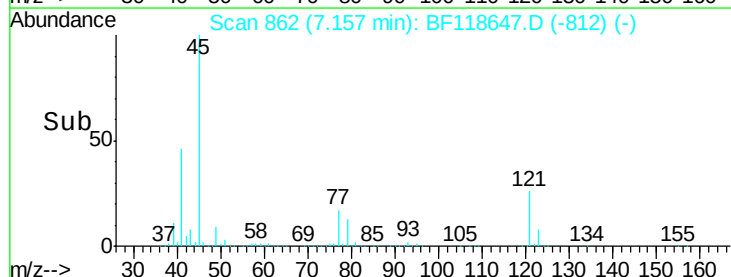
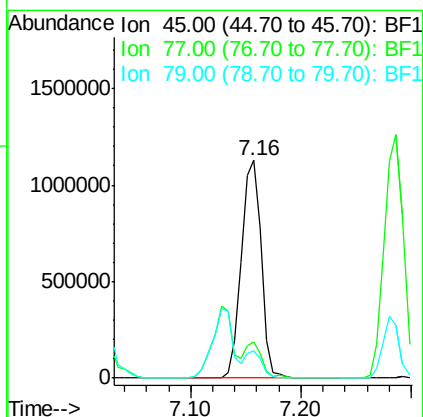
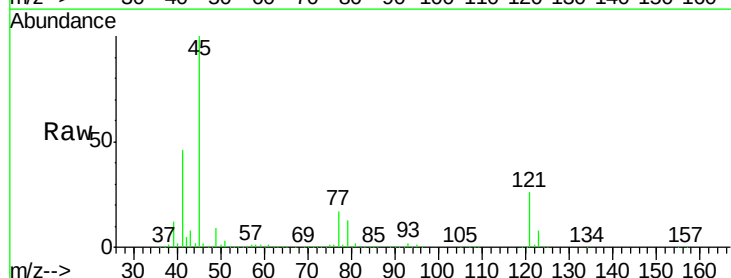
Tgt Ion: 45 Resp: 1425295

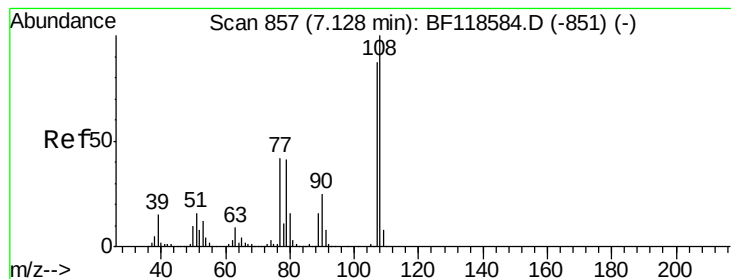
Ion Ratio Lower Upper

45 100

77 16.7 0.0 36.1

79 12.7 0.0 32.4





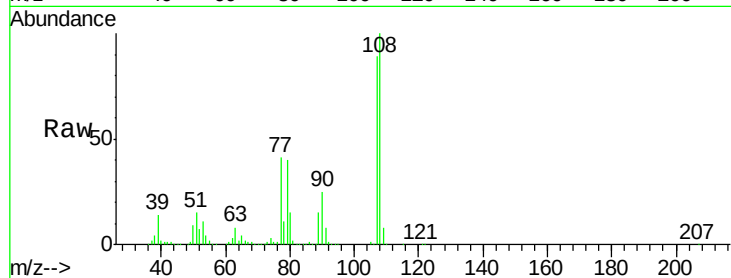
#17
2-Methylphenol
Concen: 46.913 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

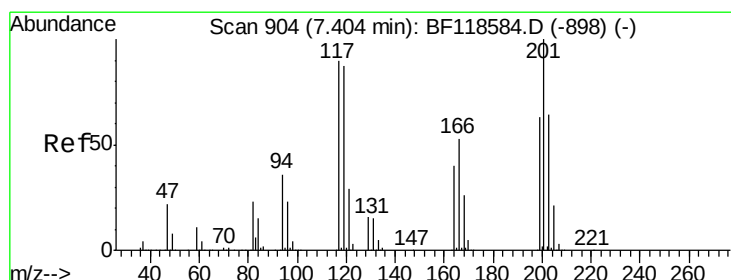
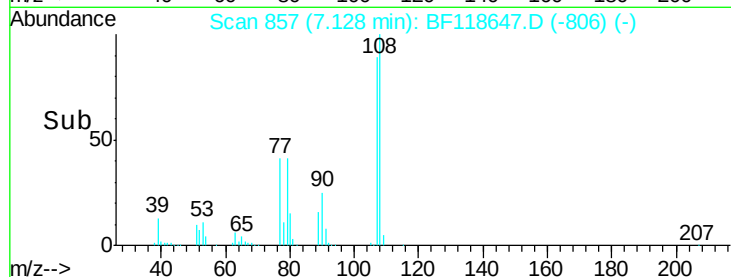
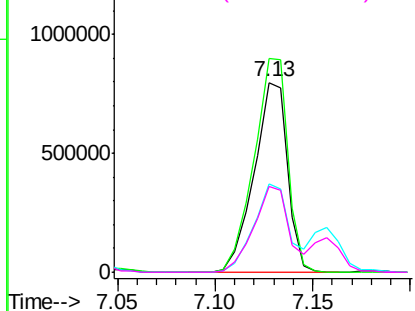
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	112.7	91.5	137.3		
77	46.6	38.7	58.1		
79	45.5	37.7	56.5		

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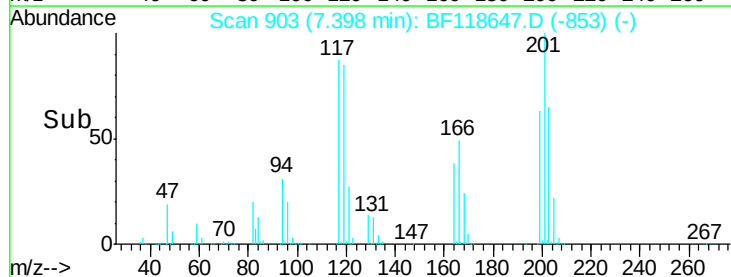
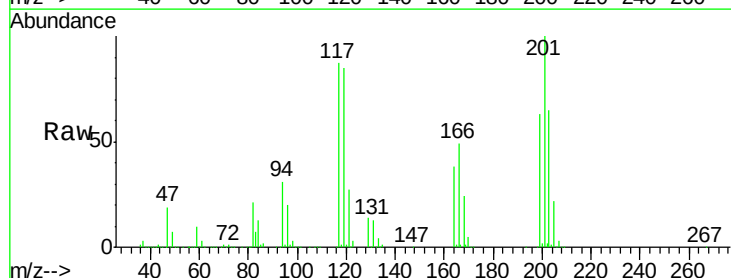
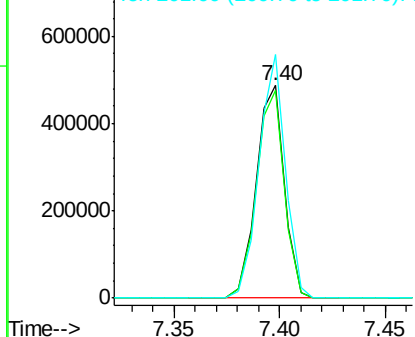
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

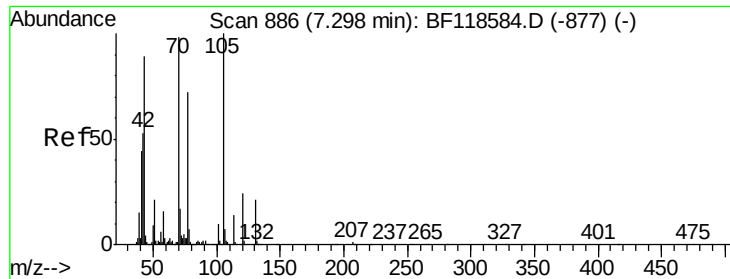


#18
Hexachloroethane
Concen: 43.805 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	97.7	77.6	116.4		
201	114.6	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





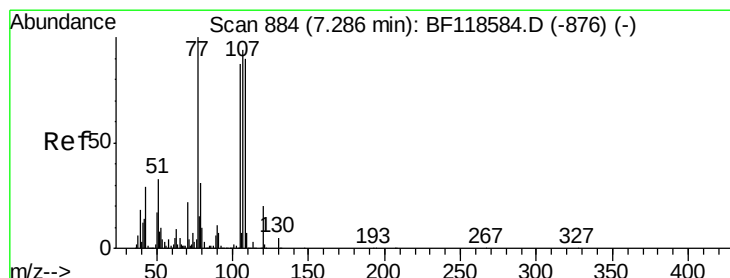
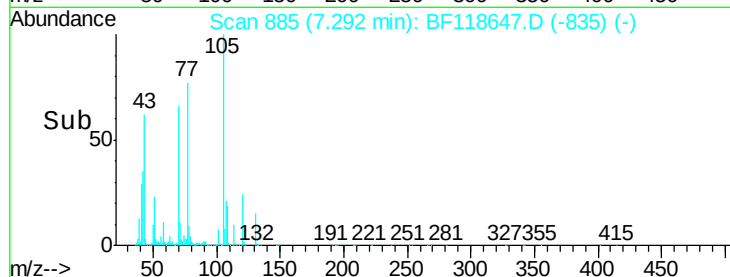
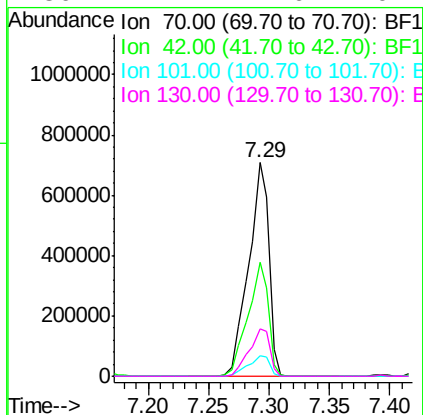
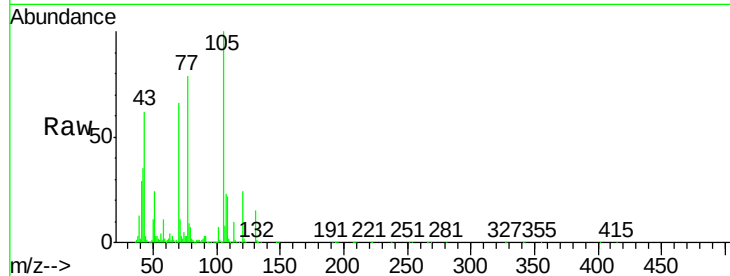
#19
n-Nitroso-di-n-propylamine
Concen: 44.025 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.5	43.4	65.0	
101	9.9	8.1	12.1	
130	22.2	17.6	26.4	

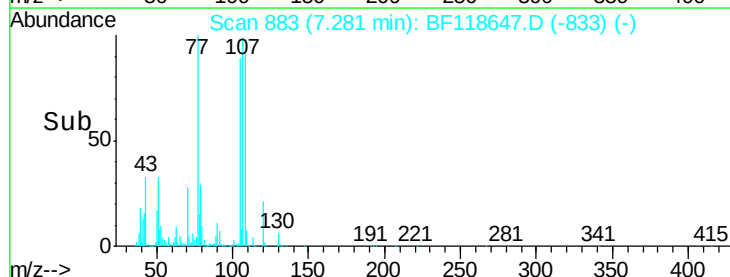
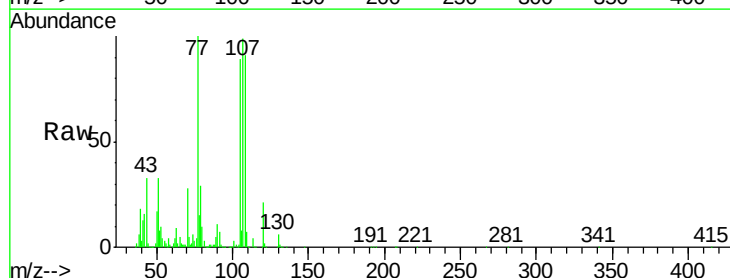
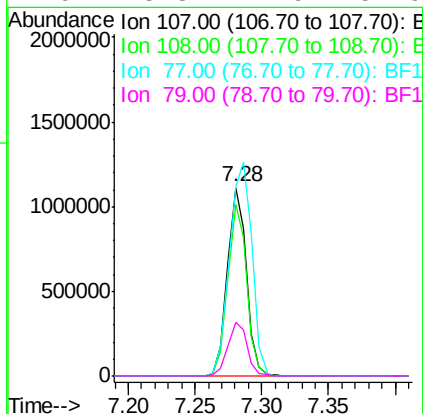
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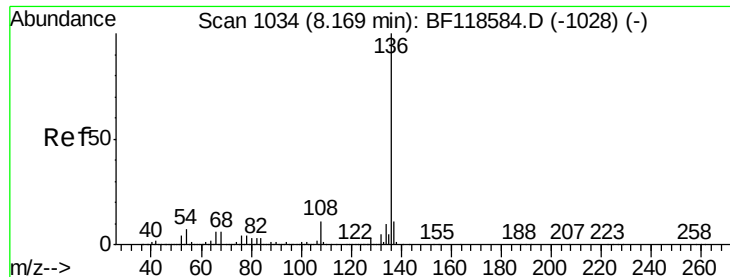
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#20
3+4-Methylphenols
Concen: 45.630 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.4	75.8	115.8	
77	100.7	86.5	126.5	
79	28.8	12.9	52.9	





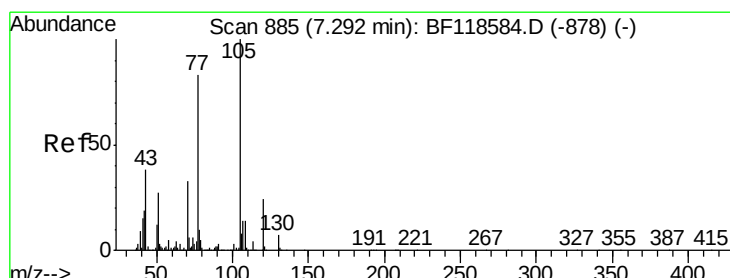
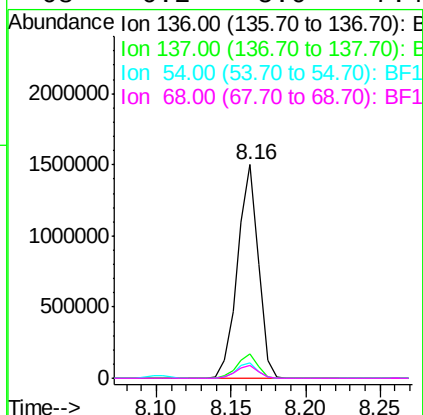
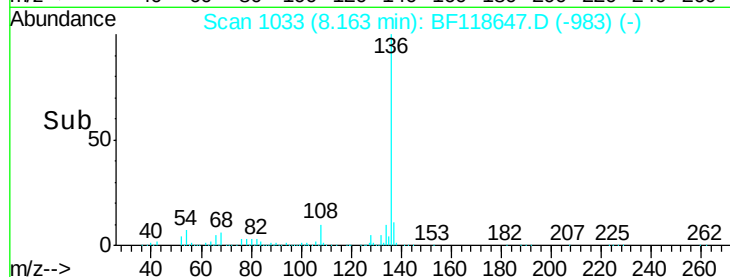
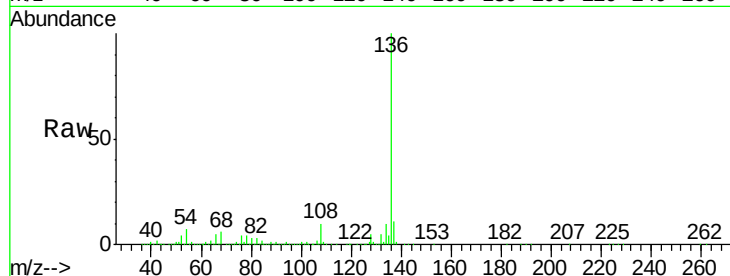
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1463985		
137	11.1	9.1	13.7		
54	7.3	5.8	8.6		
68	6.2	5.0	7.4		

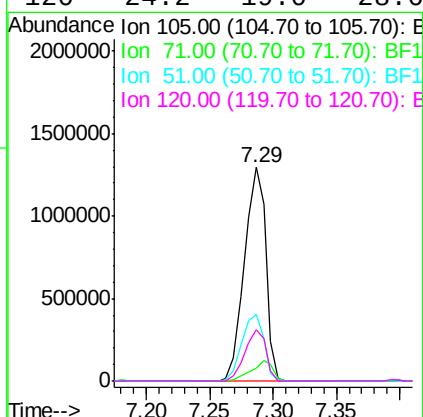
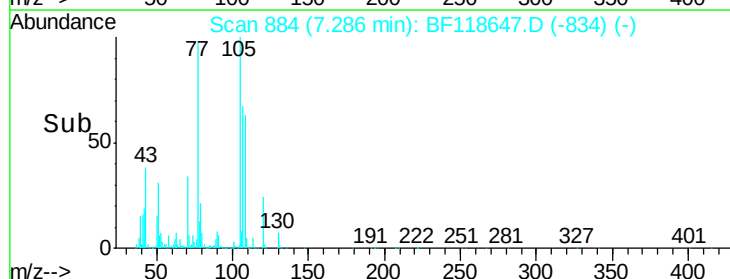
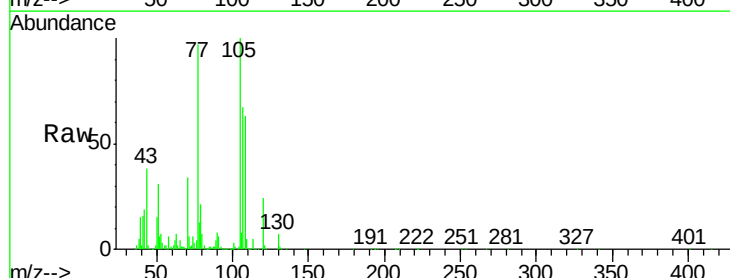
Manual Integrations
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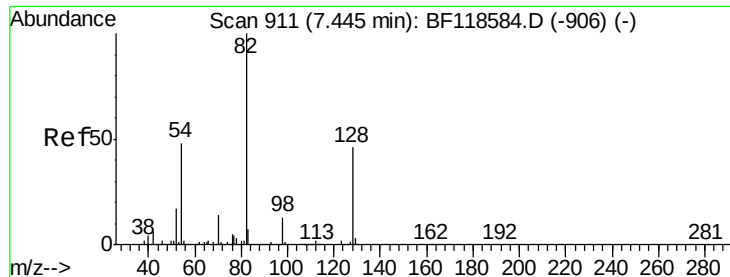
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#22
Acetophenone
Concen: 43.666 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1514363		
71	6.0	4.5	6.7		
51	31.0	21.5	32.3		
120	24.2	19.0	28.6		





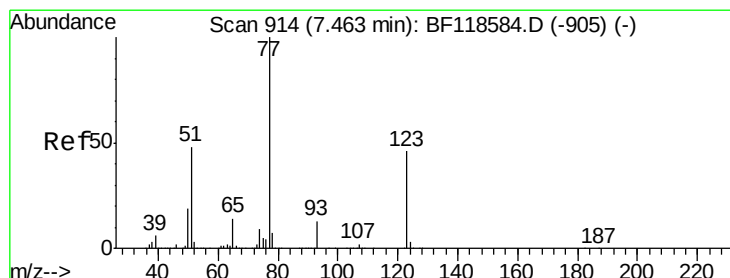
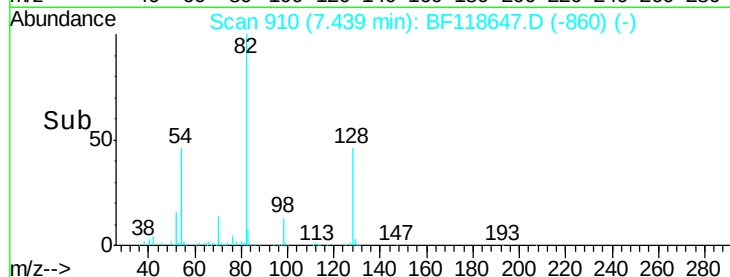
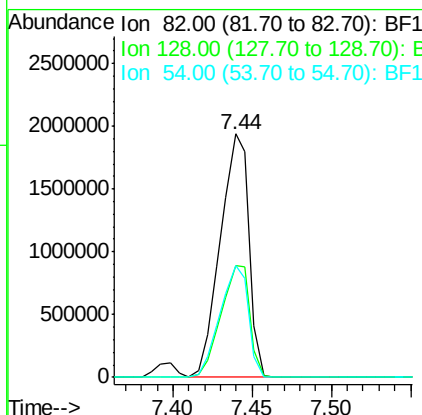
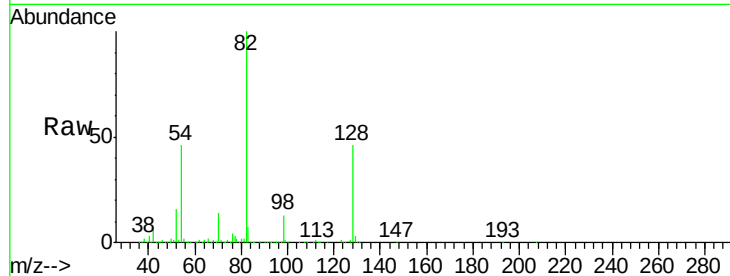
#23
 Nitrobenzene-d5
 Concen: 92.655 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF118647.D
 Acq: 21 Jan 2020 22:13

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720MSD

Tot Ion: 82 Resp: 2425096
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.6 54.8
 54 45.7 38.0 57.0

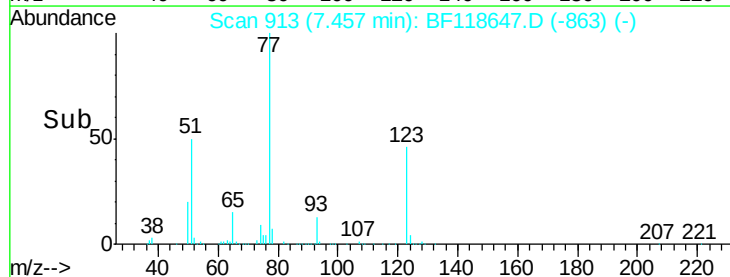
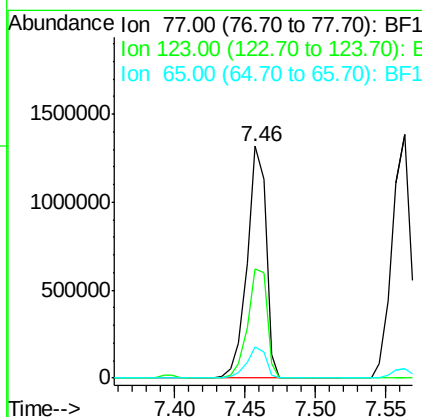
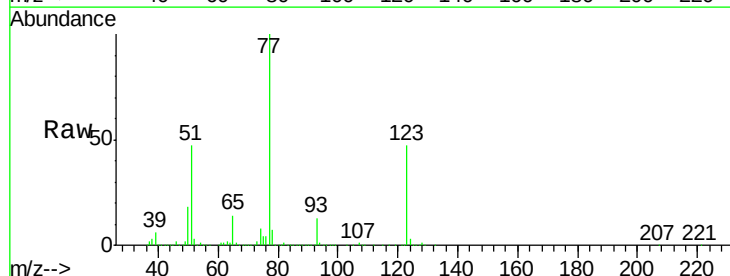
Manual Integrations
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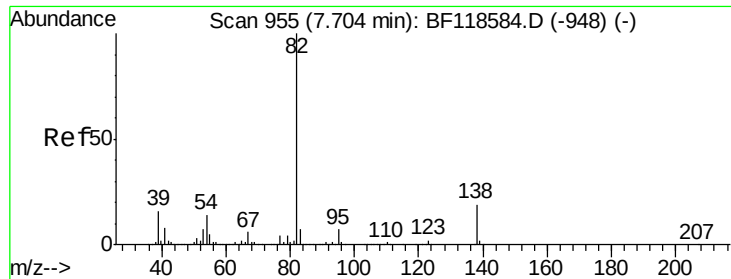
mohammad
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#24
 Nitrobenzene
 Concen: 46.161 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF118647.D
 Acq: 21 Jan 2020 22:13

Tgt Ion: 77 Resp: 1237096
 Ion Ratio Lower Upper
 77 100
 123 47.3 37.0 55.4
 65 13.7 11.1 16.7





#25

Isophorone

Concen: 46.200 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MSD

Tot Ion: 82 Resp: 2205570

Ion Ratio Lower Upper

82 100

95 7.4 5.9 8.9

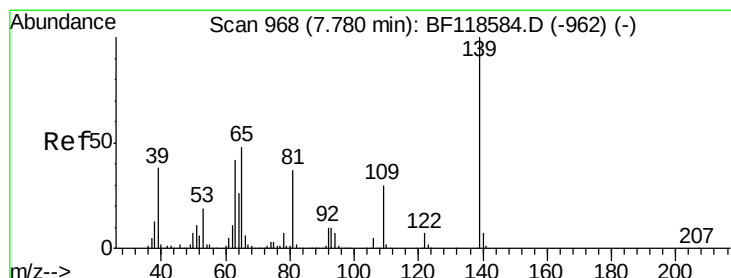
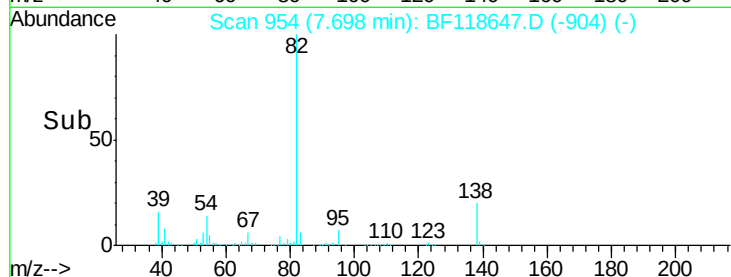
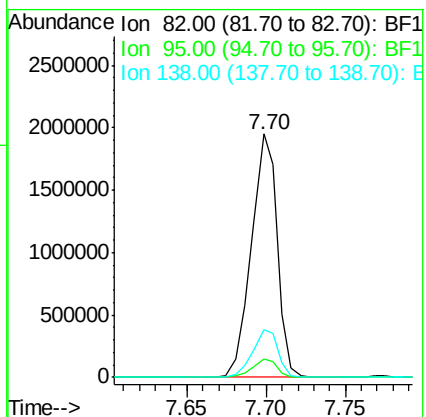
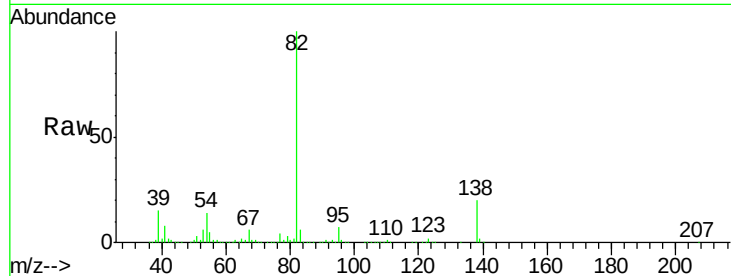
138 19.6 15.3 22.9

Manual Integrations

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#26

2-Nitrophenol

Concen: 53.579 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

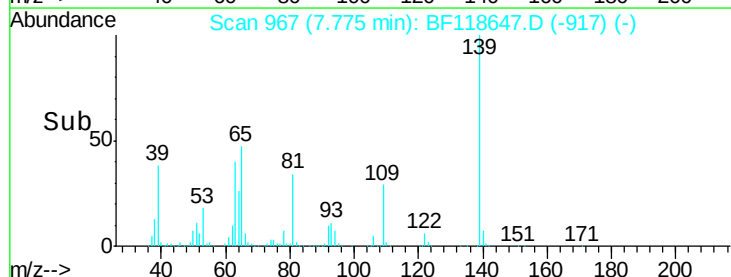
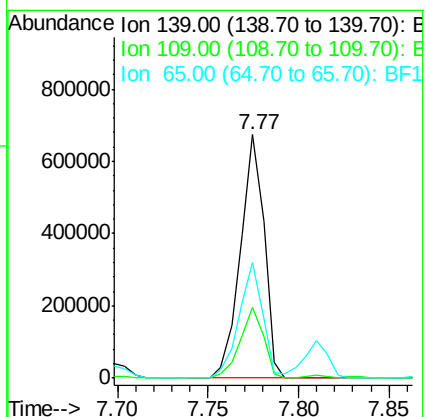
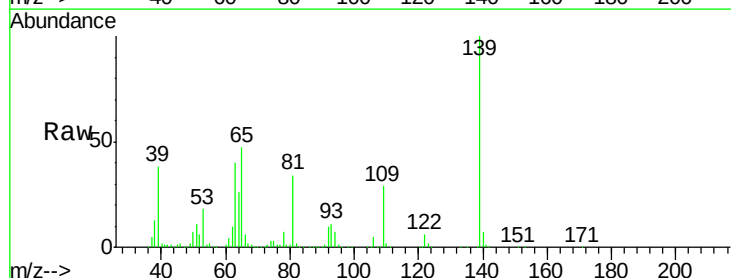
Tgt Ion: 139 Resp: 612332

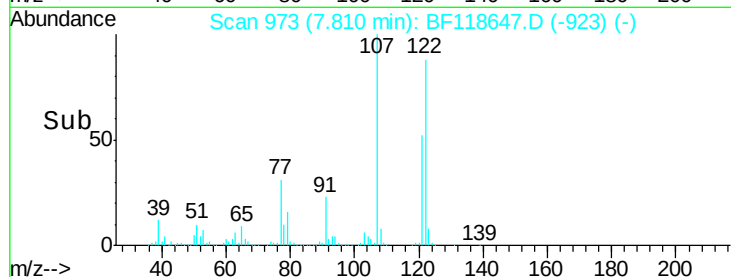
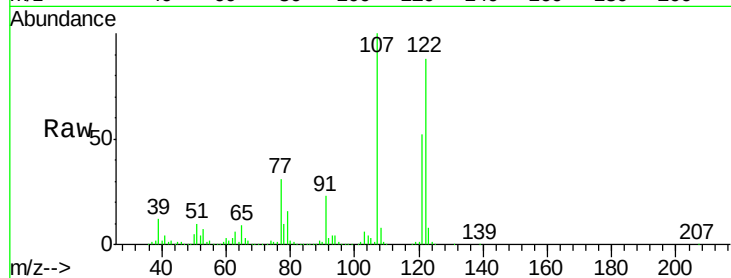
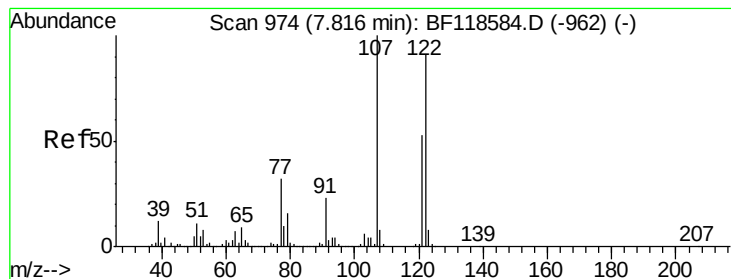
Ion Ratio Lower Upper

139 100

109 29.1 23.8 35.8

65 47.3 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 52.127 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

Tot Ion:	122	Resp:	1028723
Ion	Ratio	Lower	Upper
122	100		
107	113.5	88.0	132.0
121	58.8	46.3	69.5

Instrument :

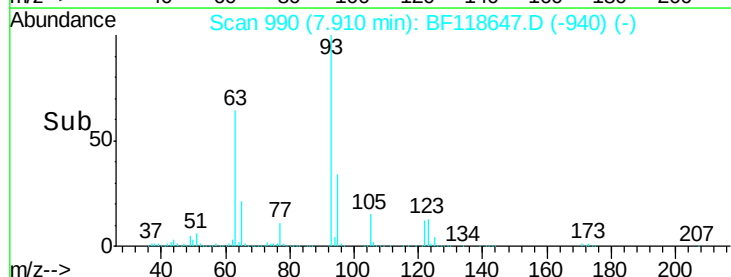
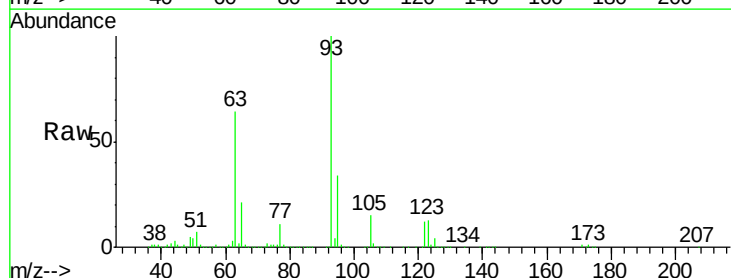
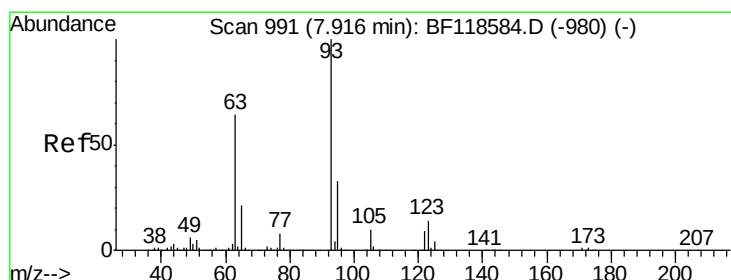
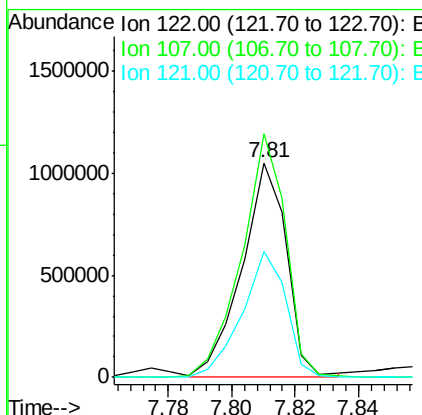
BNA_F

ClientSampleId :

BU-02-101720MSD

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#28

bis(2-Chloroethoxy)methane

Concen: 44.242 ng

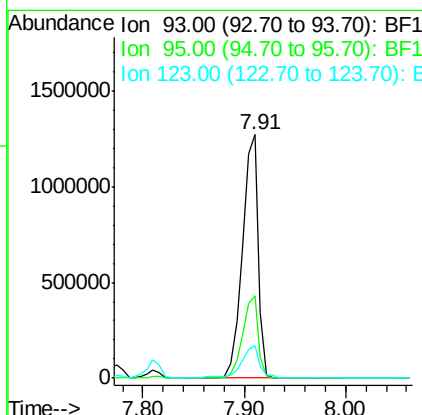
RT: 7.91 min Scan# 990

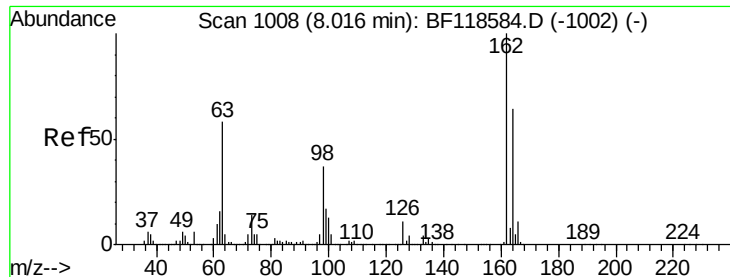
Delta R.T. -0.01 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

Tgt Ion:	93	Resp:	1360905
Ion	Ratio	Lower	Upper
93	100		
95	33.8	26.7	40.1
123	13.3	11.0	16.6





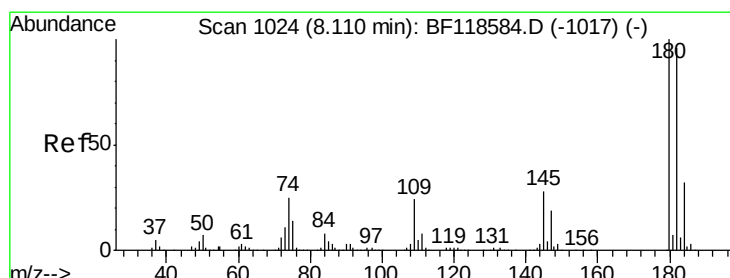
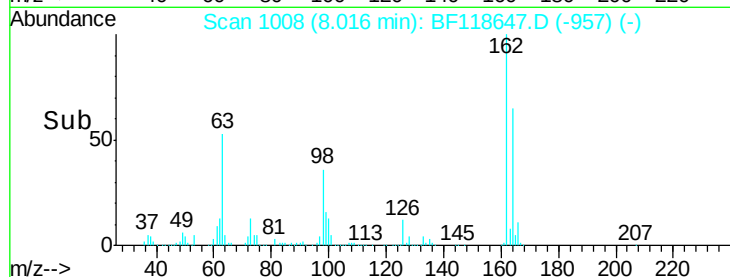
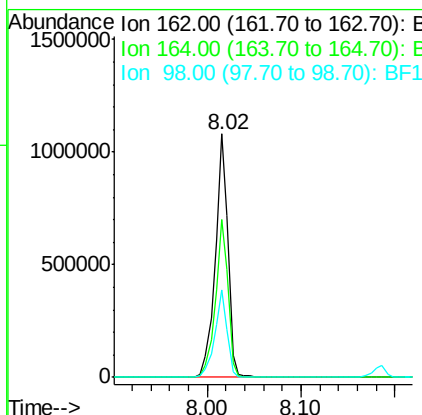
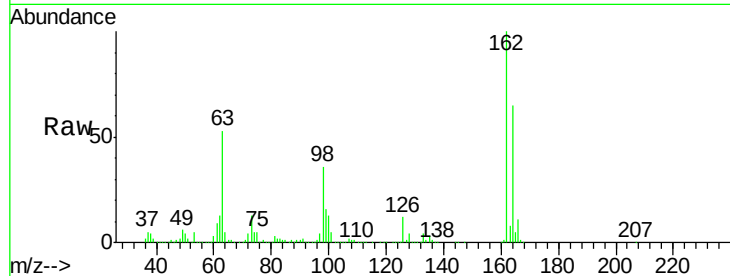
#29
2,4-Dichlorophenol
Concen: 47.337 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.3	84.3
98	36.0	17.5	57.5

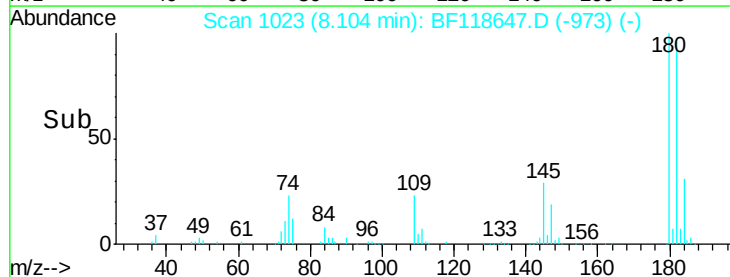
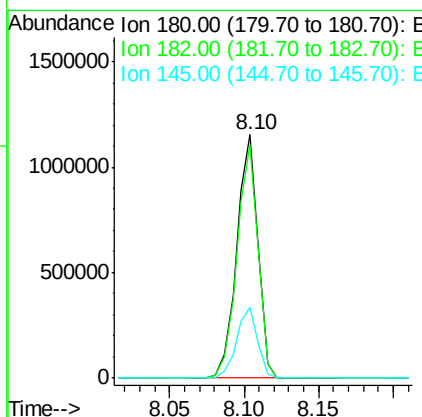
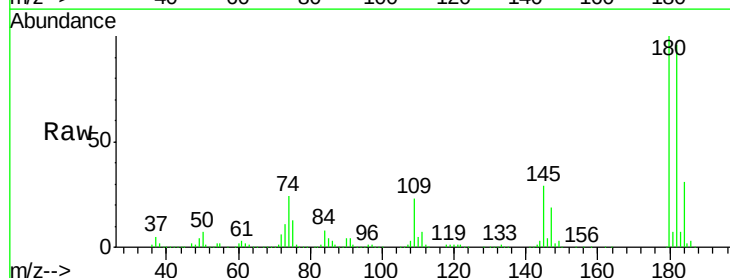
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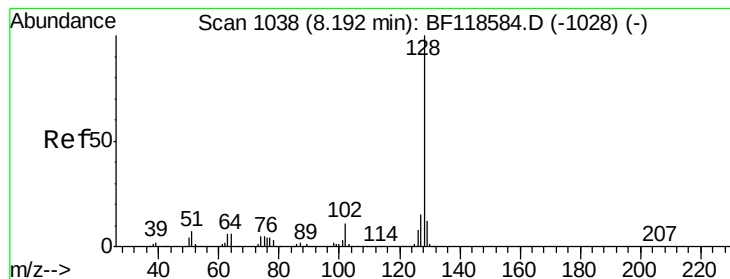
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 44.871 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.9	115.3
145	29.1	22.8	34.2





#31

Naphthalene

Concen: 48.154 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MSD

Tot Ion:128 Resp: 3184595

Ion Ratio Lower Upper

128 100

129 12.4 9.9 14.9

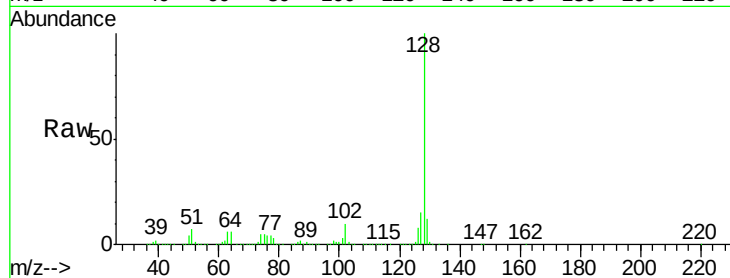
127 14.8 12.0 18.0

Manual Integrations

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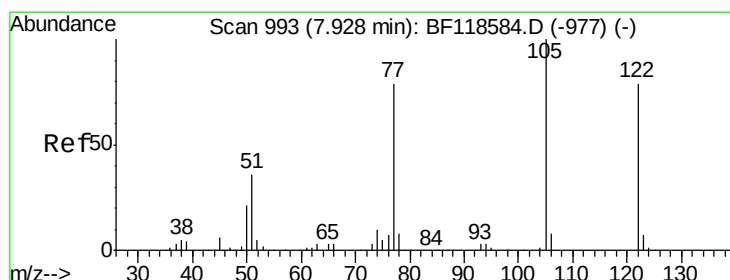
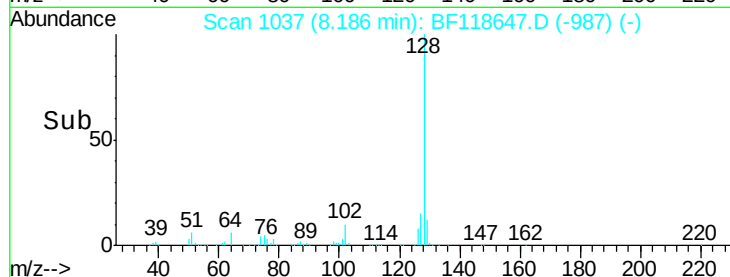
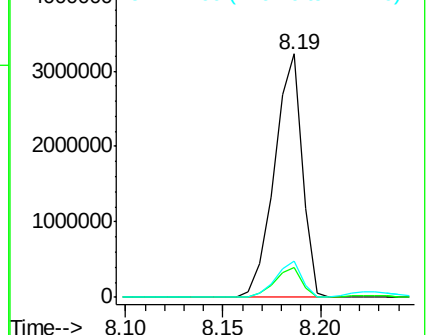
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.409 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

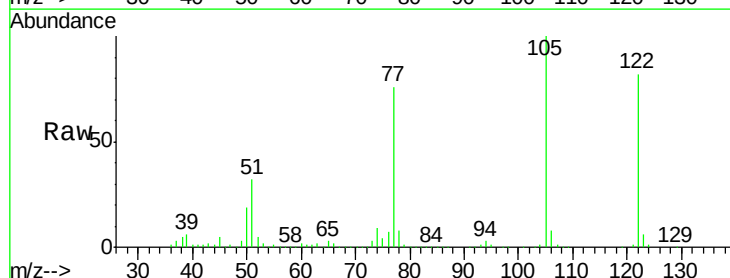
Tgt Ion:122 Resp: 613310

Ion Ratio Lower Upper

122 100

105 121.7 104.3 144.3

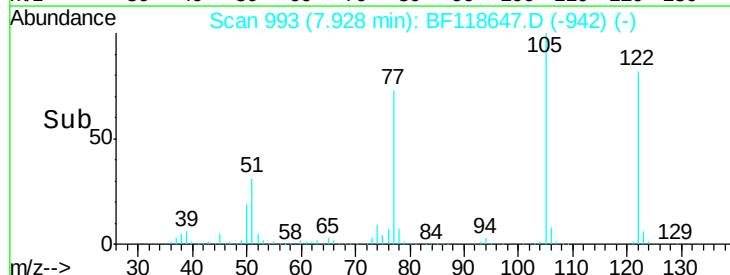
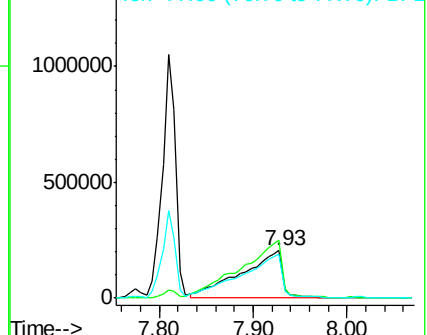
77 91.9 79.4 119.4

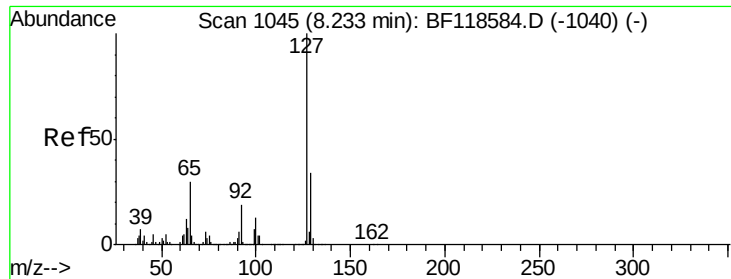


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





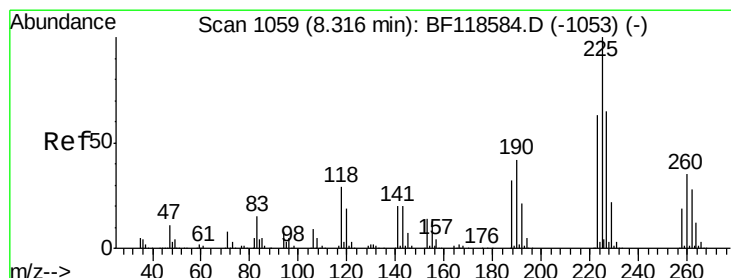
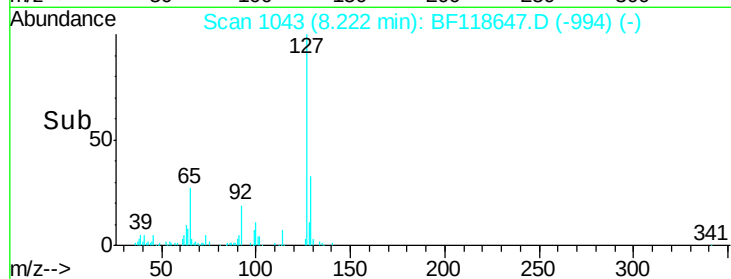
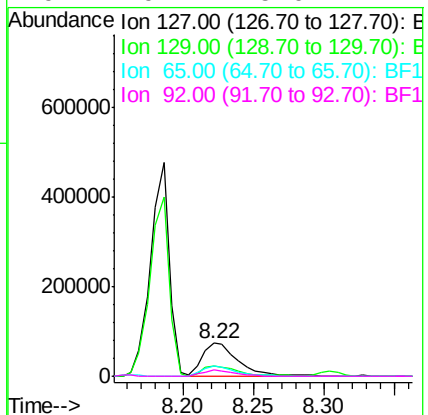
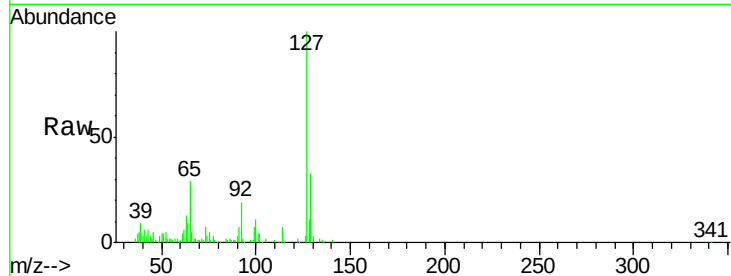
#33
4-Chloroaniline
Concen: 4.022 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	27.4	41.0		
65	29.4	23.6	35.4		
92	19.2	15.0	22.4		

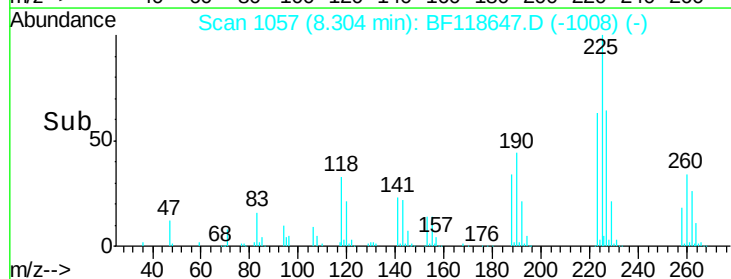
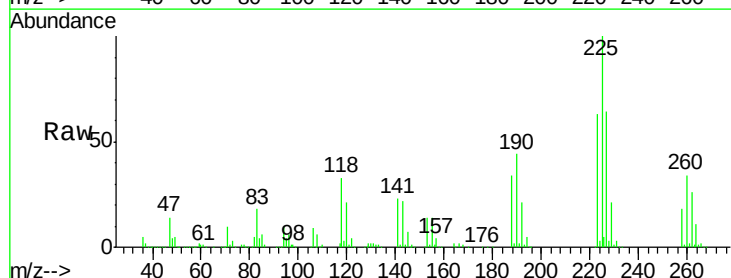
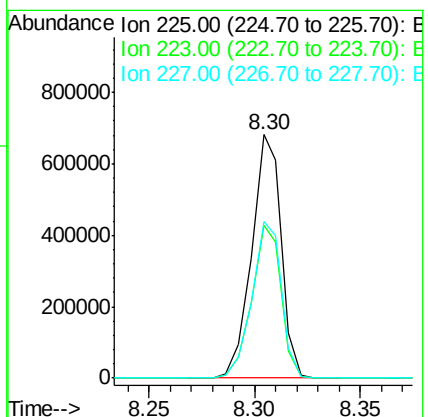
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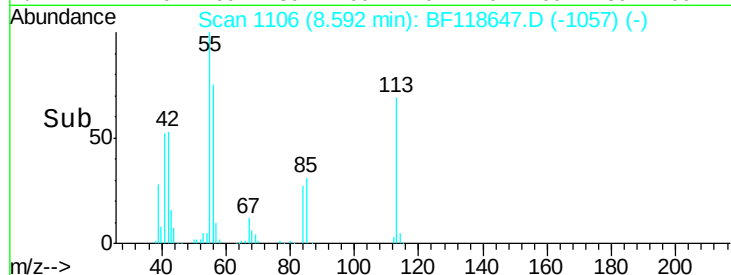
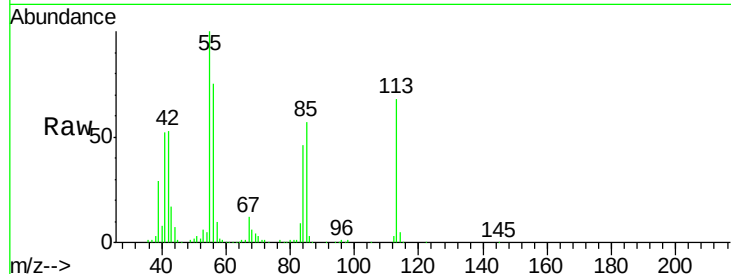
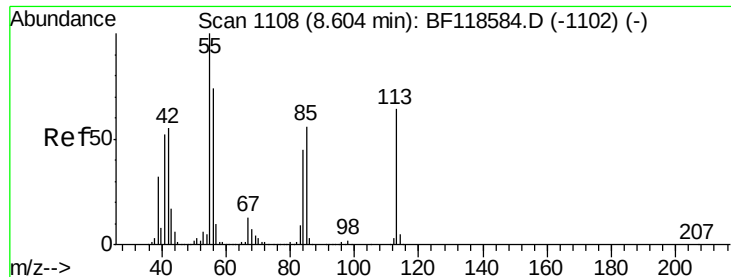
mohammad
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#34
Hexachlorobutadiene
Concen: 42.888 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	50.2	75.4		
227	64.2	52.1	78.1		





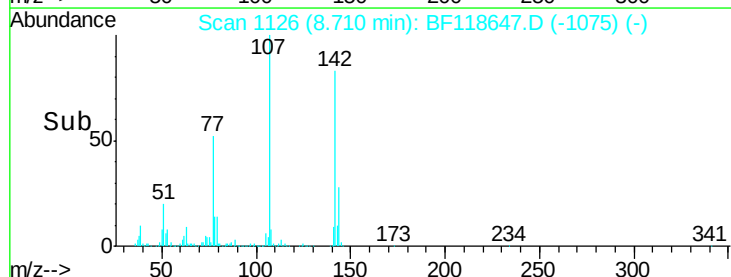
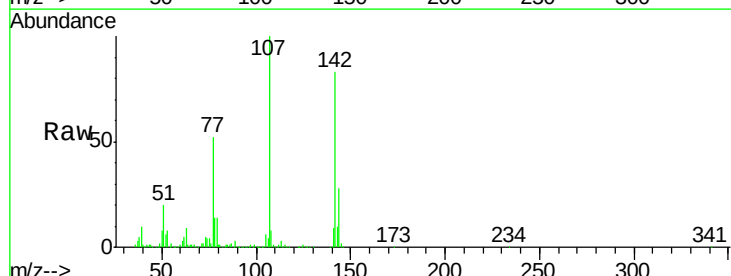
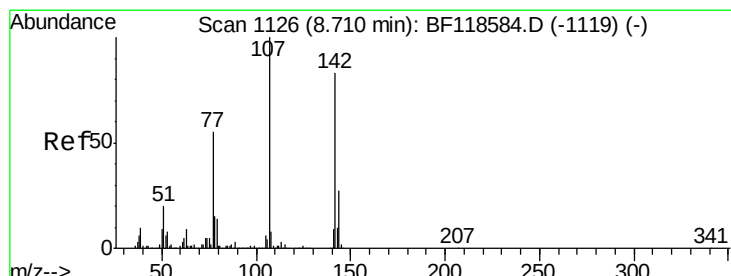
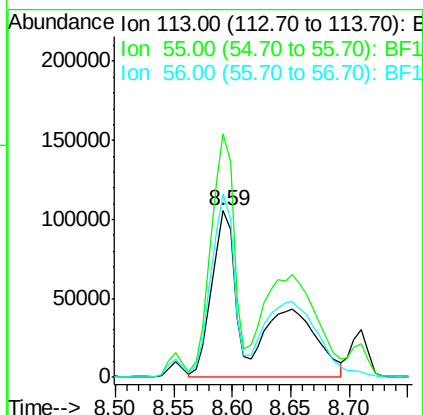
#35
Caprolactam
Concen: 38.778 ng/ml
RT: 8.59 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tot Ion	Ratio	Lower	Upper
113	100		
55	146.3	136.1	176.1
56	110.0	95.2	135.2

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

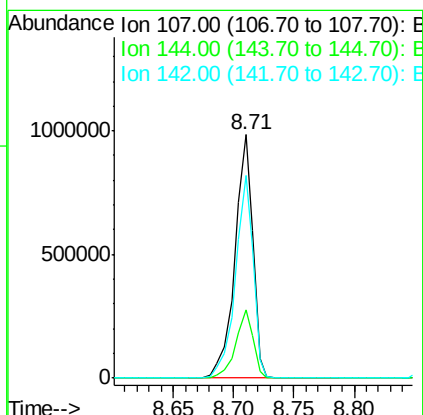
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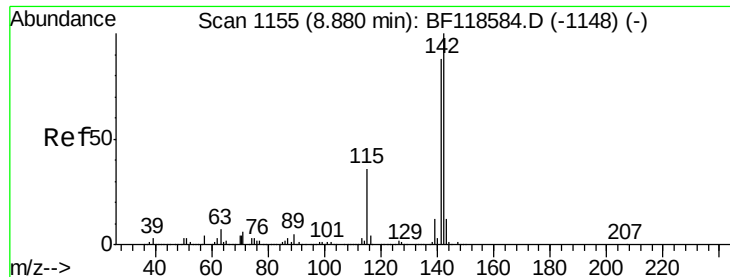
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#36
4-Chloro-3-methylphenol
Concen: 47.498 ng/ml
RT: 8.71 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.9	21.8	32.8
142	83.4	66.5	99.7





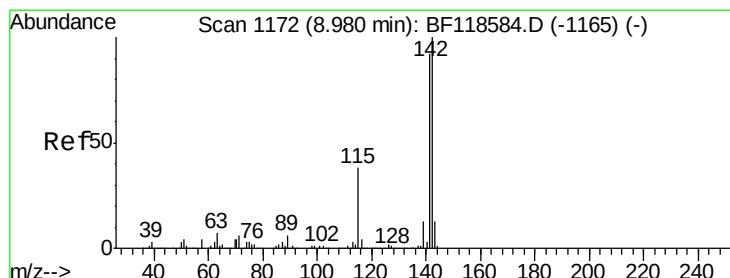
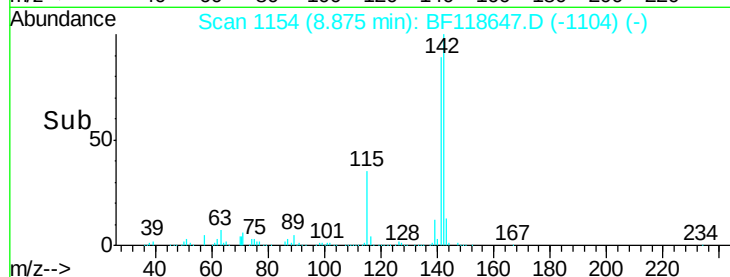
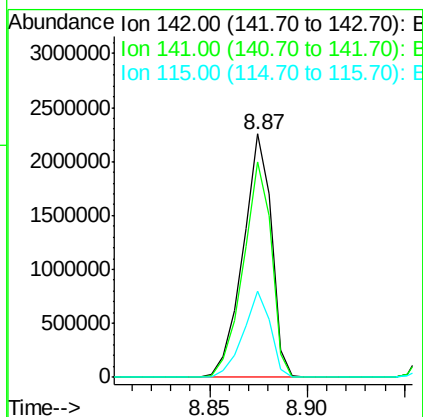
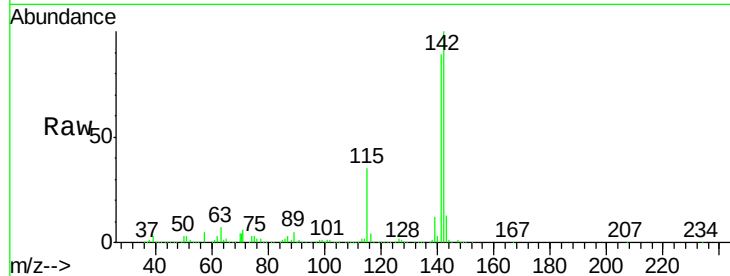
#37
2-Methylnaphthalene
Concen: 48.632 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.7	106.1
115	35.4	28.5	42.7

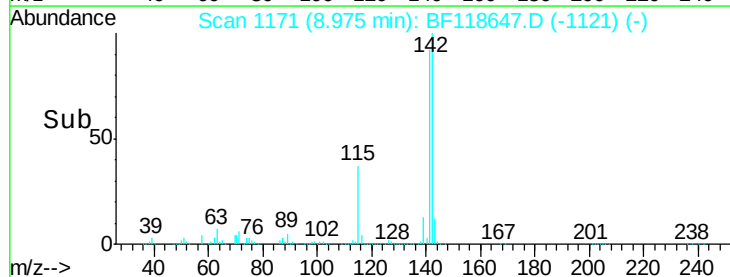
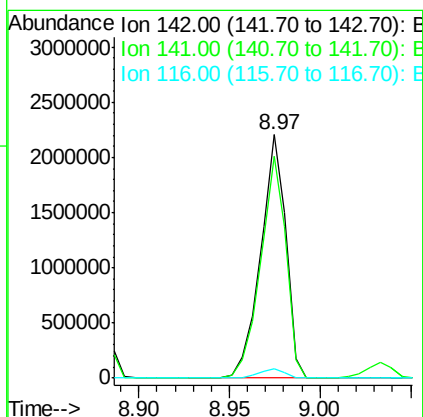
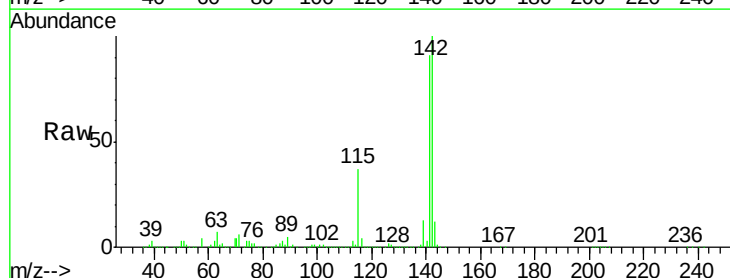
Manual Integrations
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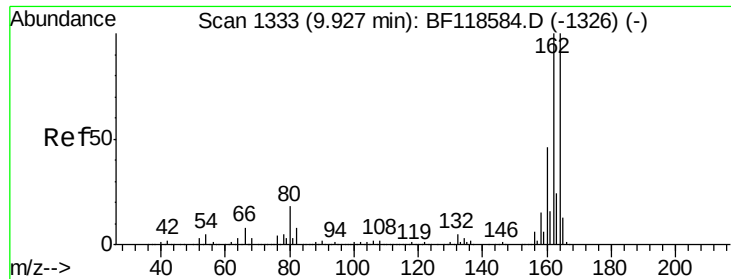
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#38
1-Methylnaphthalene
Concen: 48.084 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.4	110.2
116	3.8	3.3	4.9





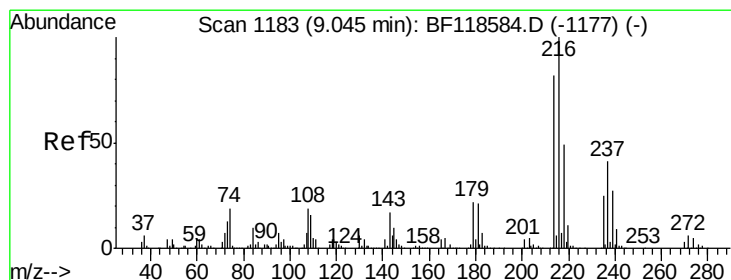
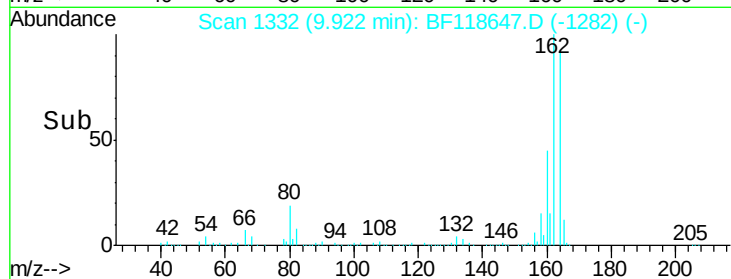
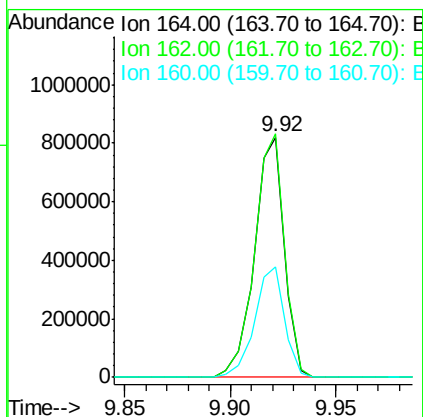
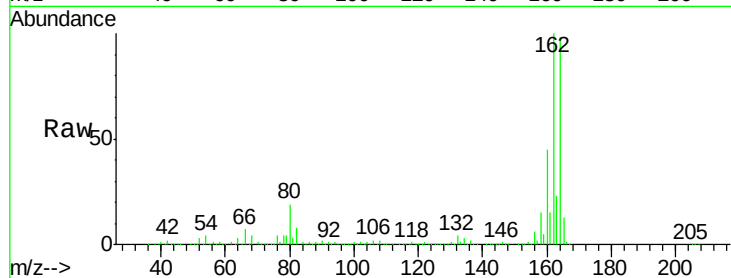
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.4	120.6
160	45.9	36.6	55.0

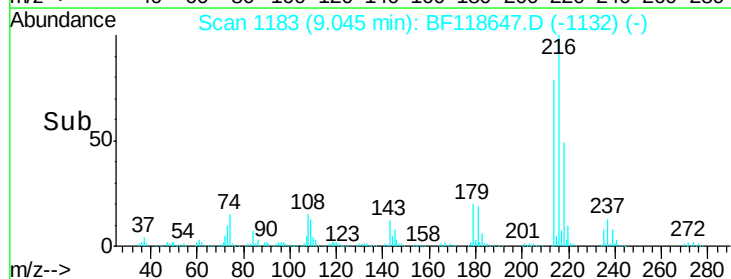
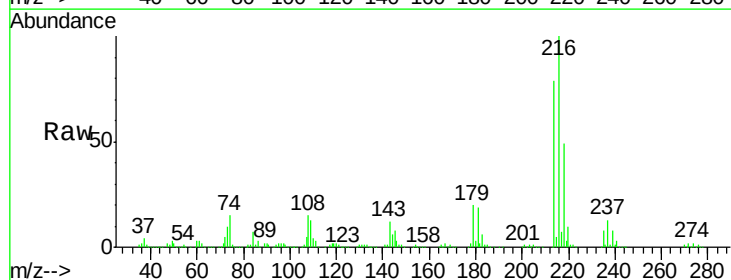
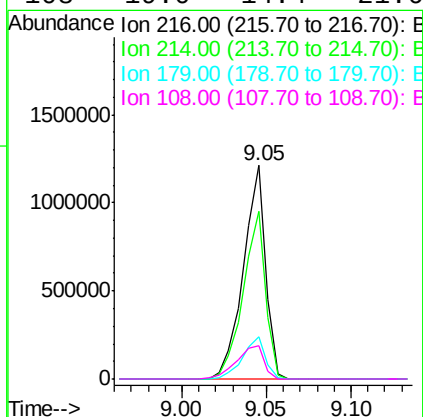
Manual Integrations
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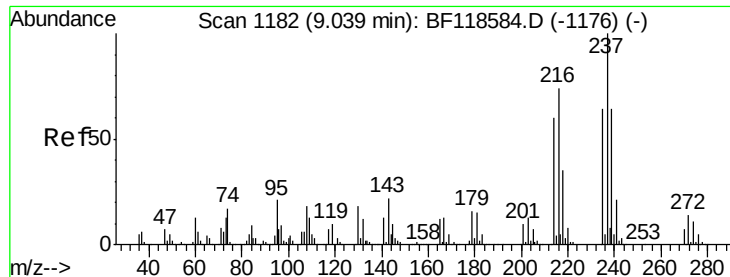
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.011 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	64.2	96.2
179	20.0	16.6	25.0
108	19.0	14.4	21.6





#41

Hexachlorocyclopentadiene

Concen: 94.984 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MSD

Tot Ion:237 Resp: 1215148

Ion Ratio Lower Upper

237 100

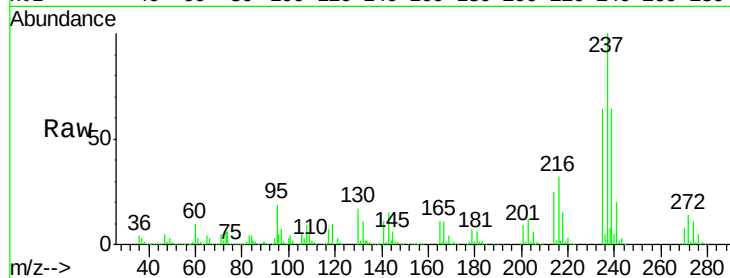
235 63.5 44.0 84.0

272 14.5 0.0 34.0

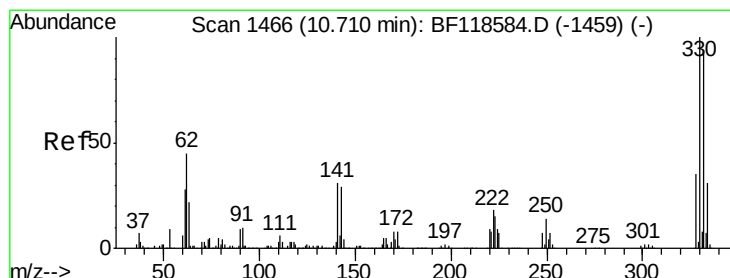
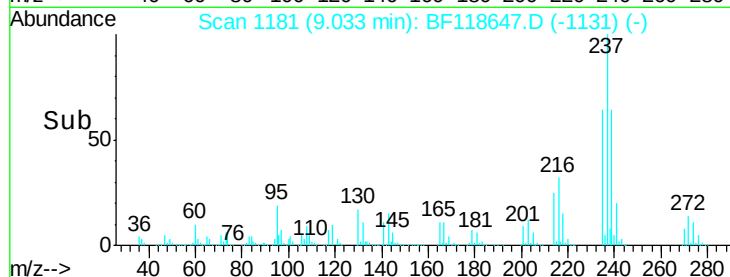
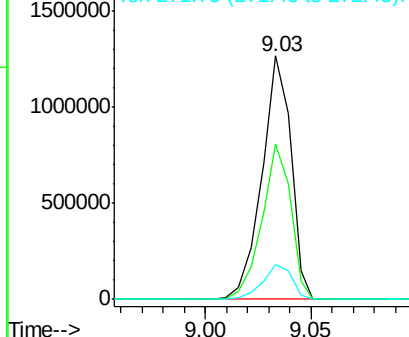
Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 140.481 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

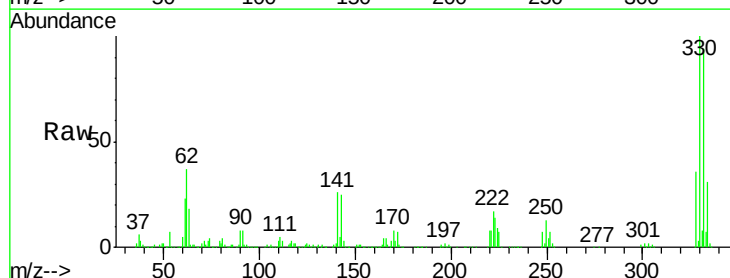
Tgt Ion:330 Resp: 1316749

Ion Ratio Lower Upper

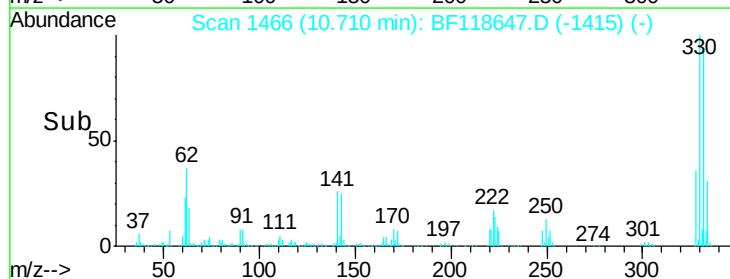
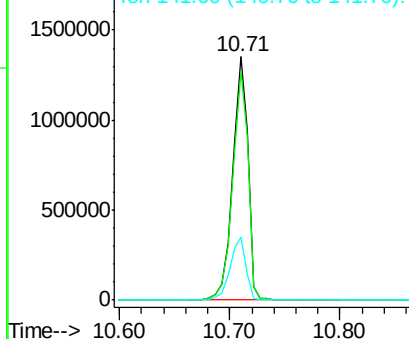
330 100

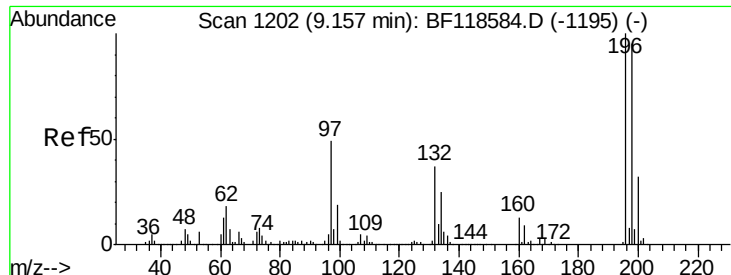
332 95.1 76.2 114.4

141 26.7 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





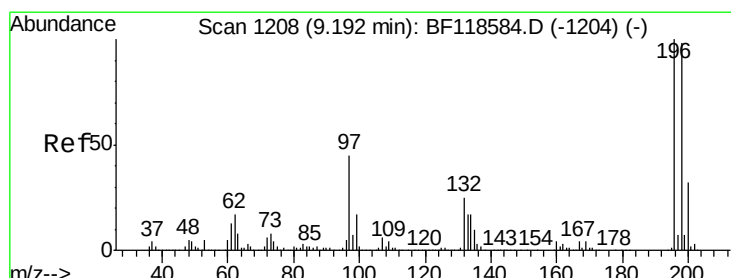
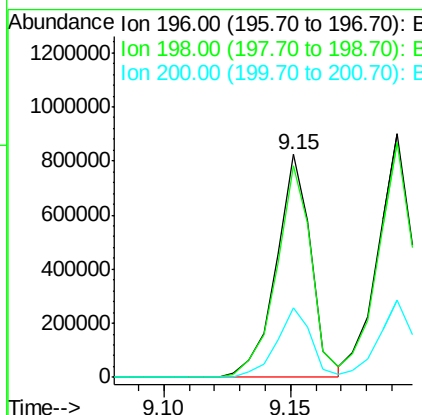
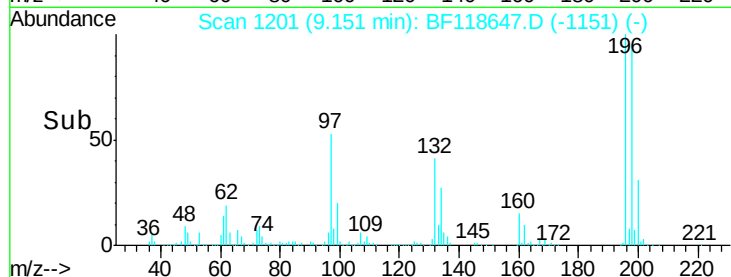
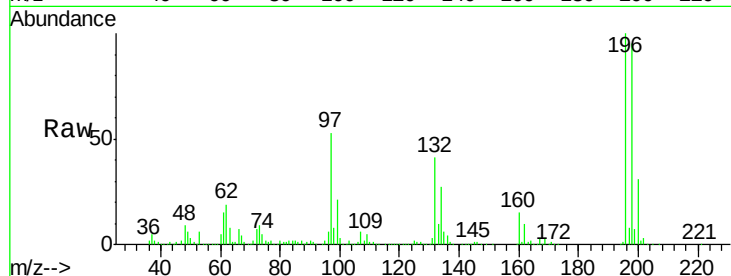
#43
2,4,6-Trichlorophenol
Concen: 46.935 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	789735		
198	94.9	76.3	114.5	
200	31.5	25.4	38.2	

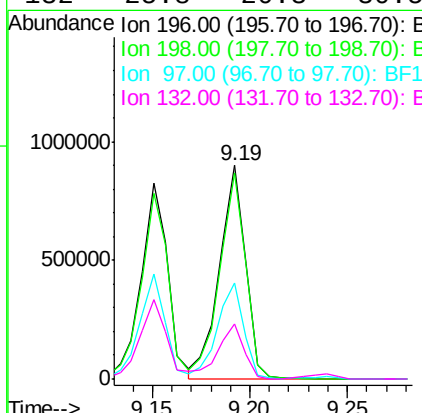
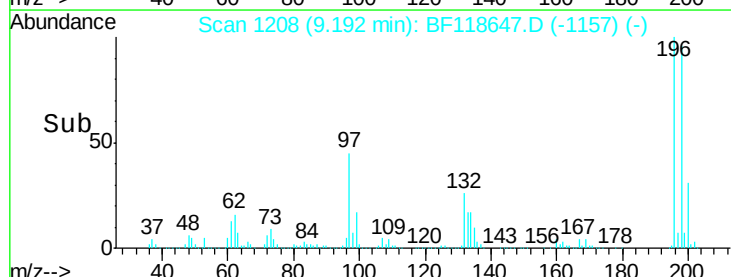
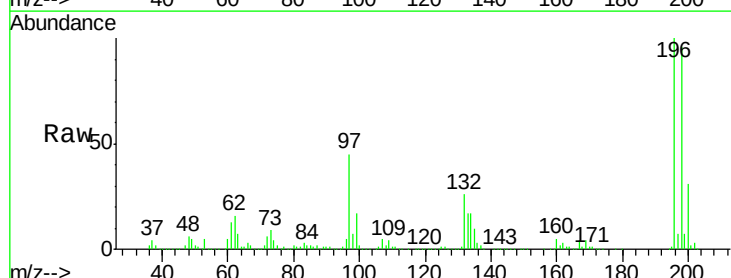
Manual Integrations
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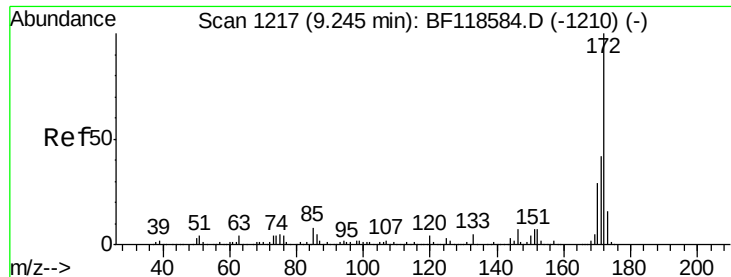
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 48.414 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	831964		
198	96.2	78.3	117.5	
97	45.0	35.9	53.9	
132	25.8	20.3	30.5	





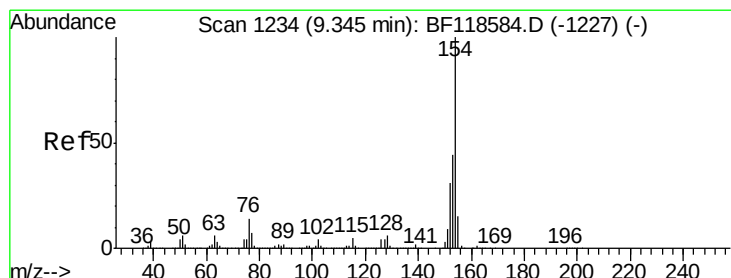
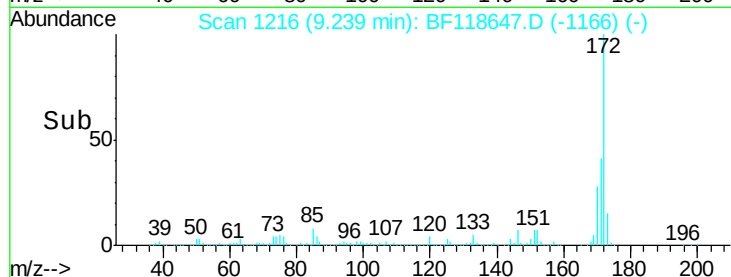
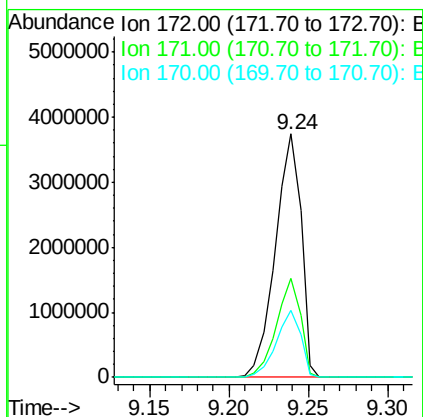
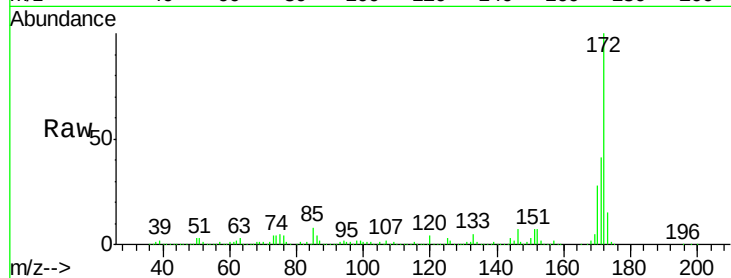
#45
2-Fluorobiphenyl
Concen: 85.968 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	40.5	33.4	50.2	
170	27.6	23.2	34.8	

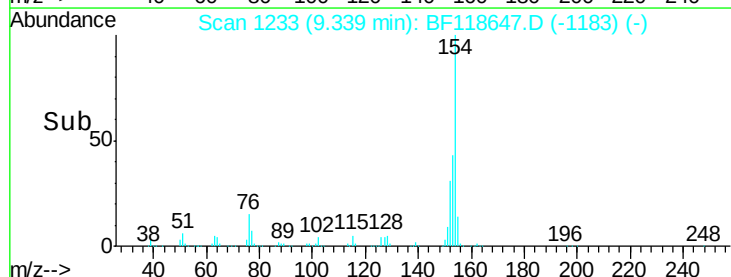
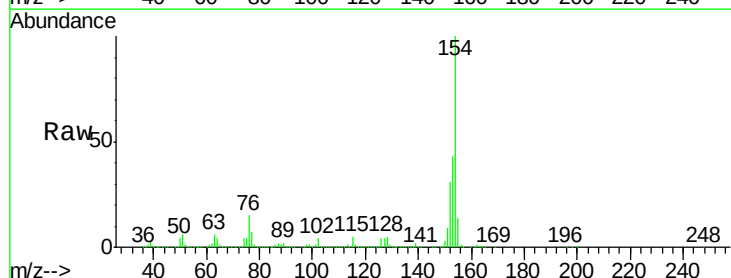
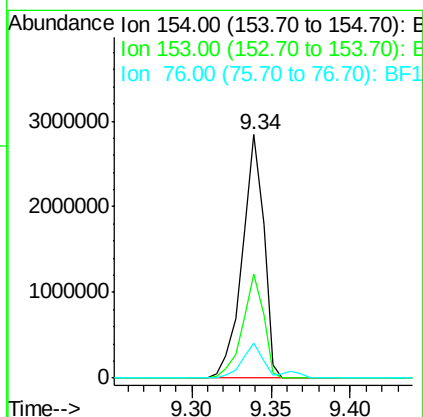
Manual Integrations
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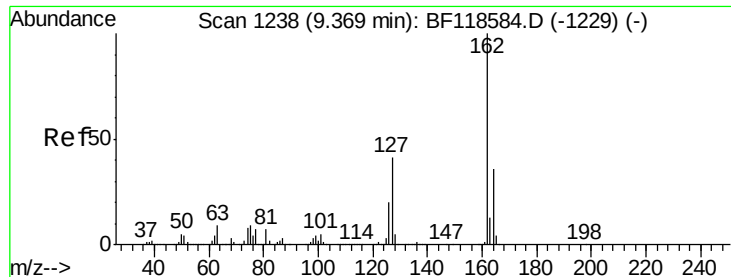
mohammad
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#46
1,1'-Biphenyl
Concen: 47.733 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	43.0	23.8	63.8	
76	14.6	0.0	34.3	





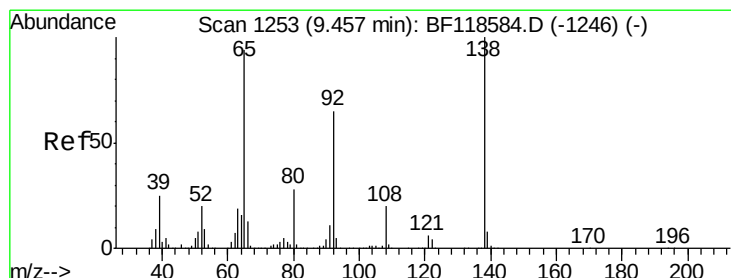
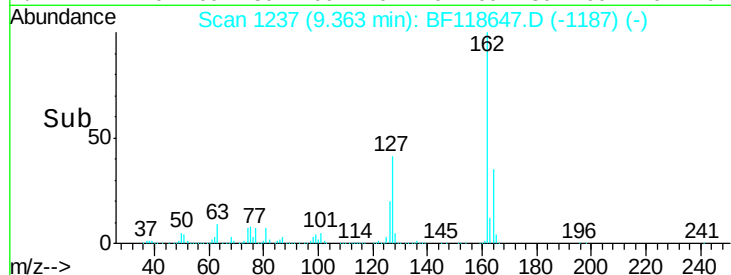
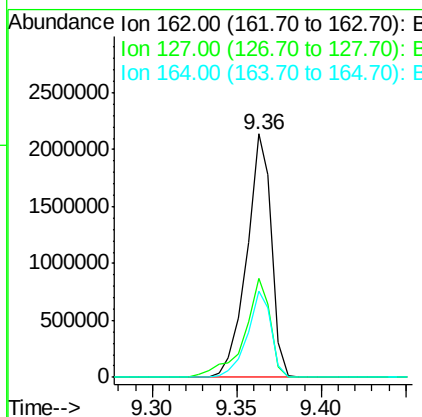
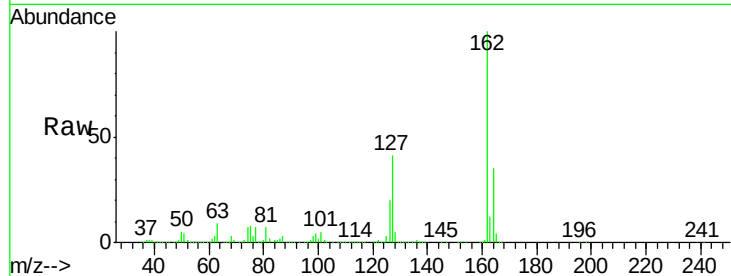
#47
 2-Chloronaphthalene
 Concen: 46.108 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF118647.D
 Acq: 21 Jan 2020 22:13

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.8	33.0	49.6
164	35.1	28.6	42.8

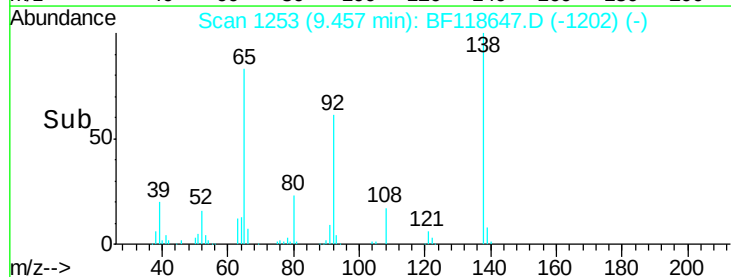
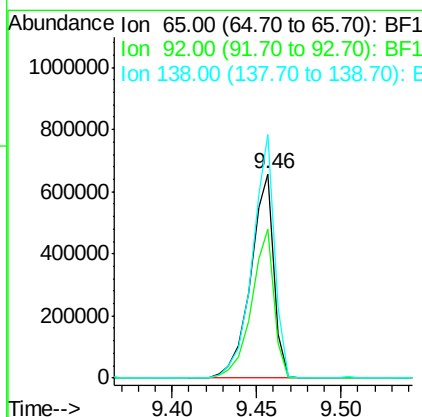
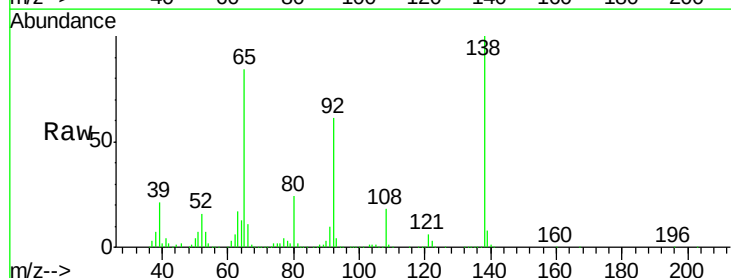
Manual Integrations
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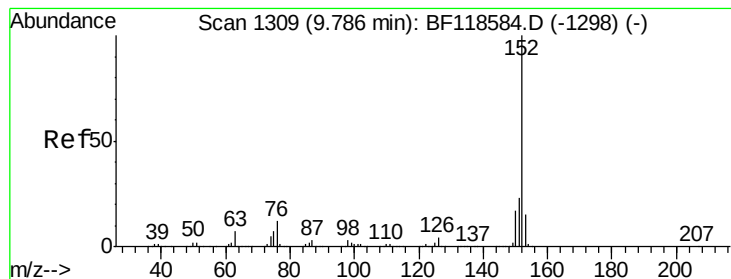
mohammad
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#48
 2-Nitroaniline
 Concen: 43.642 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BF118647.D
 Acq: 21 Jan 2020 22:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.7	55.4	83.0
138	119.3	85.0	127.6





#49

Acenaphthylene

Concen: 49.375 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MSD

Tot Ion:152 Resp: 3269938

Ion Ratio Lower Upper

152 100

151 22.5 18.6 27.8

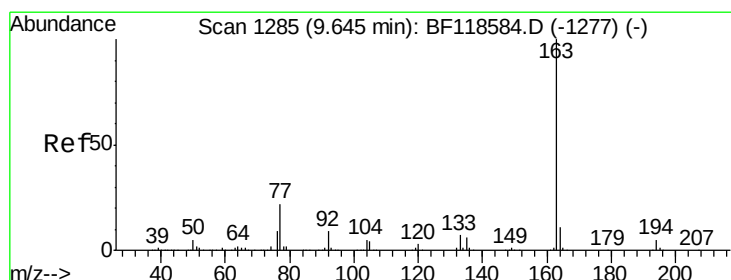
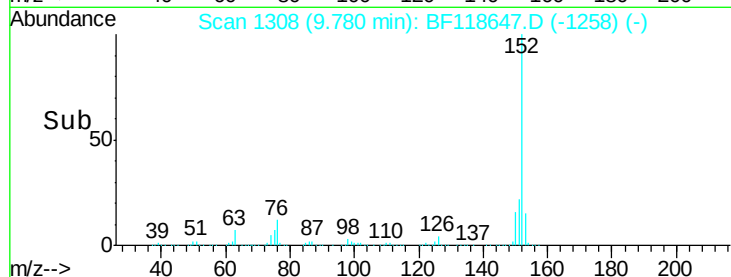
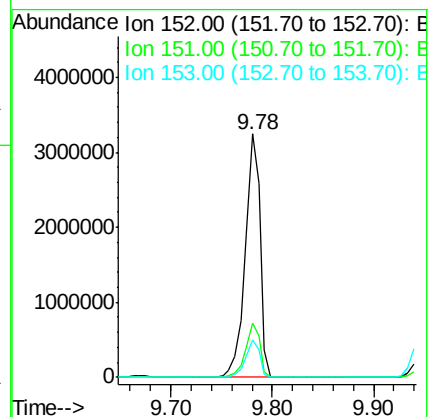
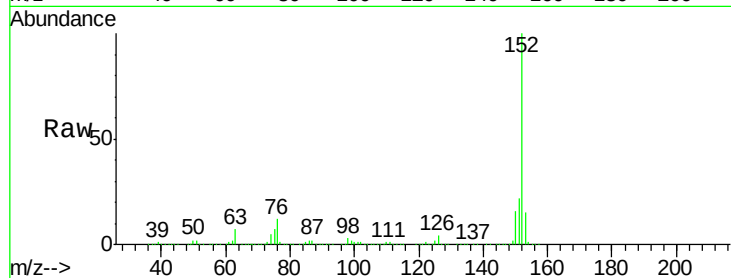
153 15.4 12.2 18.4

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#50

Dimethylphthalate

Concen: 50.626 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

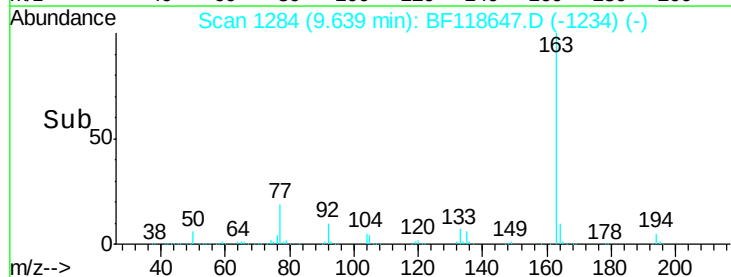
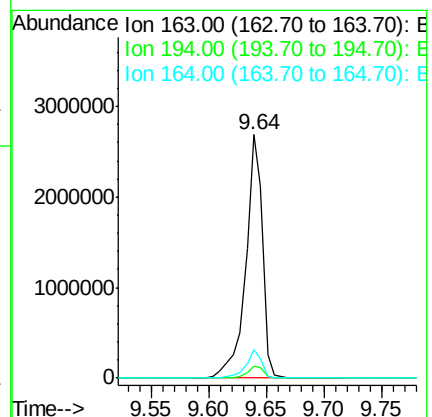
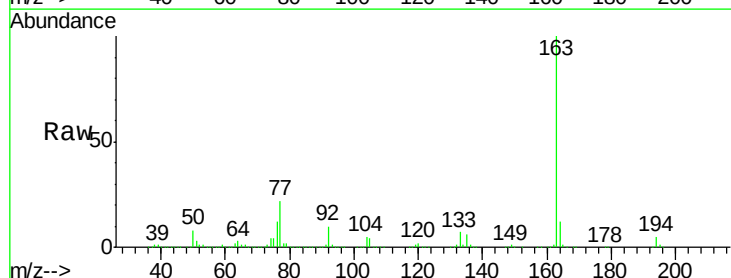
Tgt Ion:163 Resp: 2672921

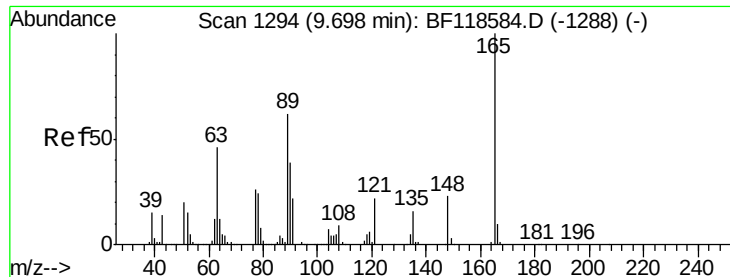
Ion Ratio Lower Upper

163 100

194 4.9 3.9 5.9

164 11.6 9.1 13.7





#51

2,6-Dinitrotoluene

Concen: 49.600 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MSD

Tot Ion:165 Resp: 586410
Ion Ratio Lower Upper

165 100

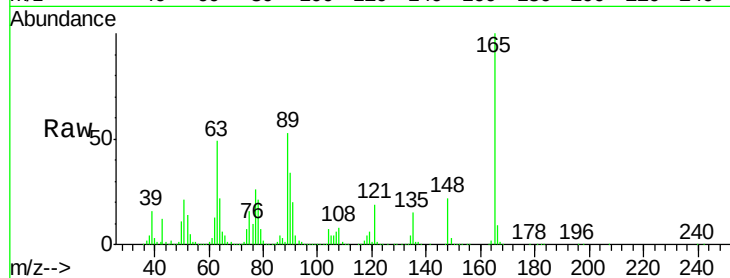
63 49.4 48.9 73.3

89 52.6 49.8 74.6

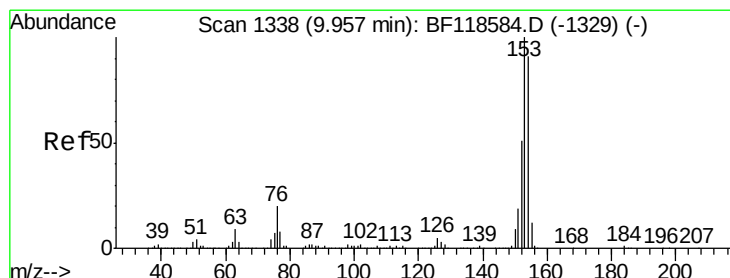
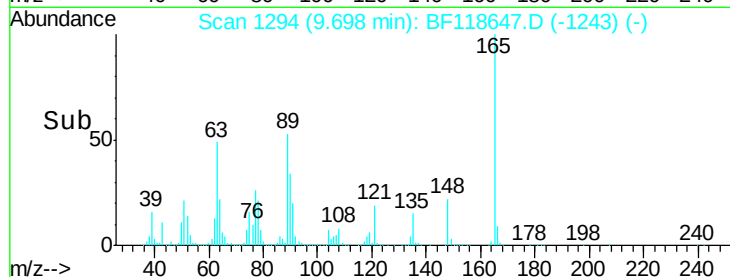
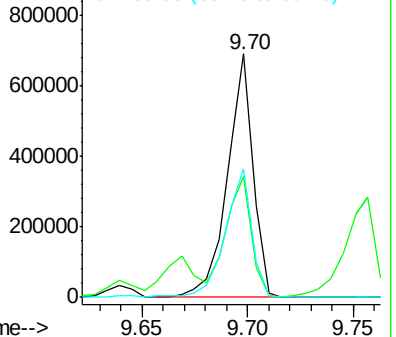
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 51.256 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF118647.D

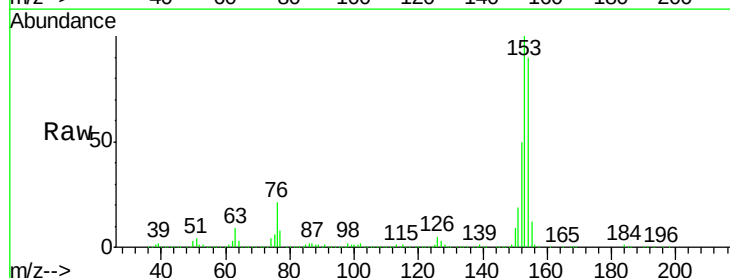
Acq: 21 Jan 2020 22:13

Tgt Ion:154 Resp: 2269834
Ion Ratio Lower Upper

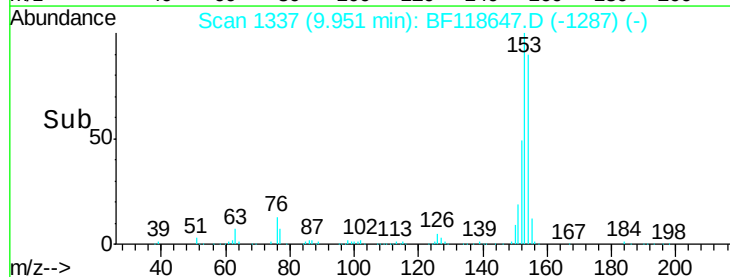
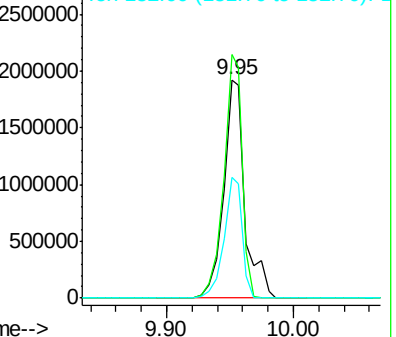
154 100

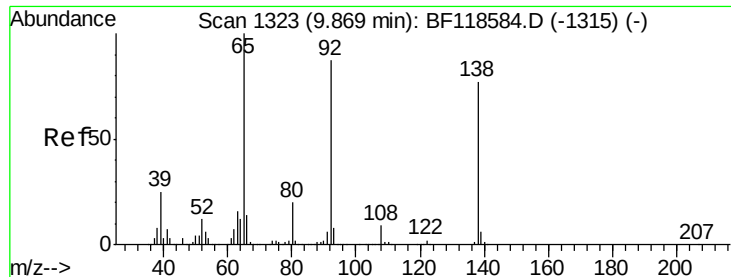
153 111.4 87.6 131.4

152 55.2 44.4 66.6



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





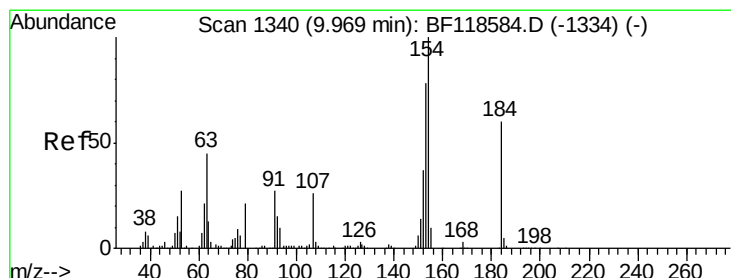
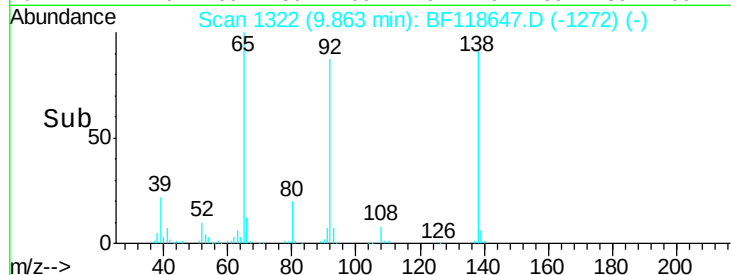
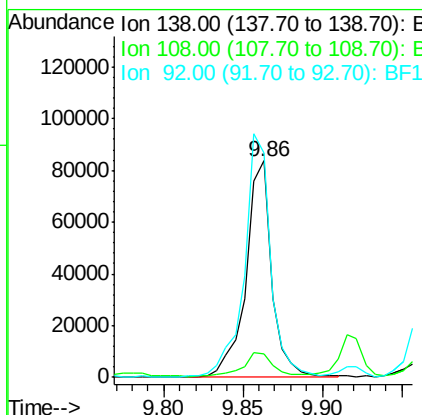
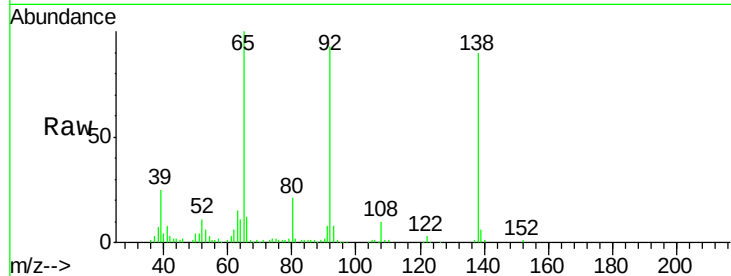
#53
 3-Nitroaniline
 Concen: 7.007 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF118647.D
 Acq: 21 Jan 2020 22:13

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.6	14.4
92	103.4	90.6	136.0

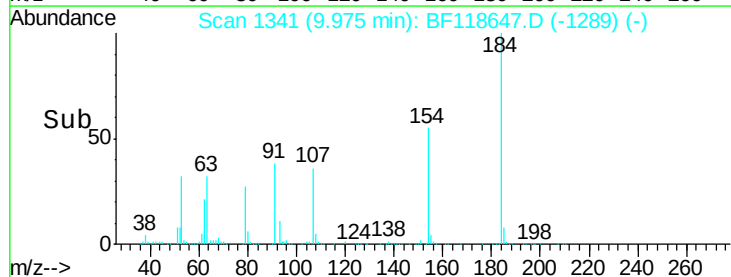
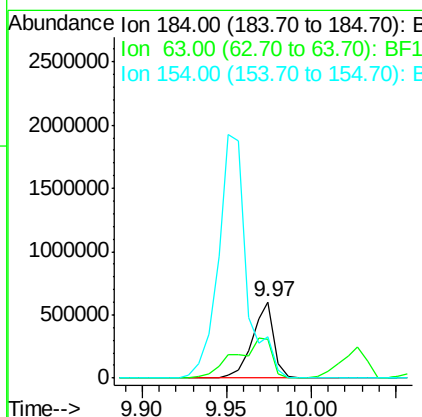
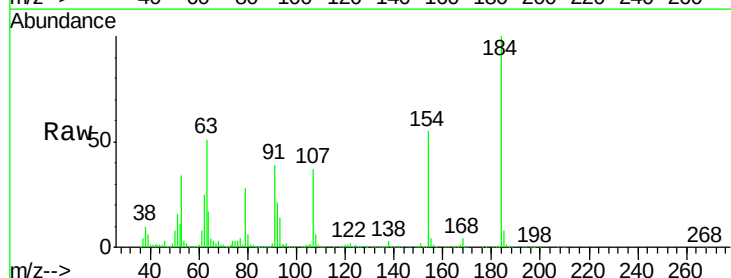
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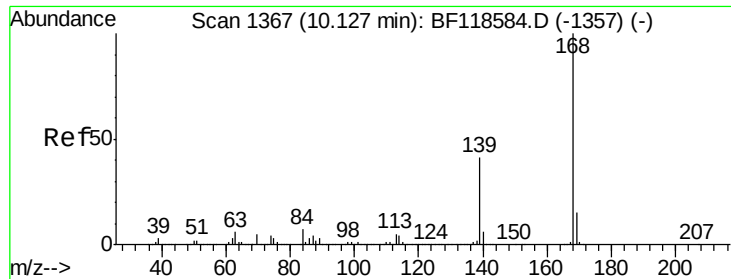
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#54
 2,4-Dinitrophenol
 Concen: 113.611 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: BF118647.D
 Acq: 21 Jan 2020 22:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	51.3	60.6	90.8#
154	55.1	137.3	205.9#





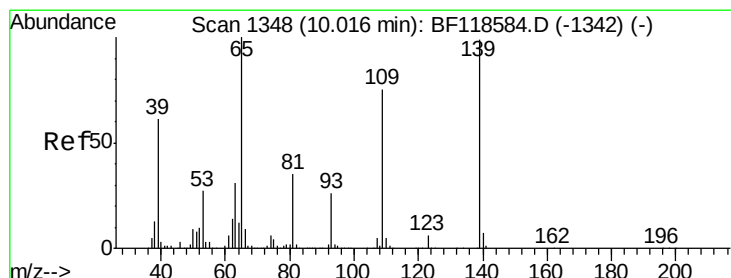
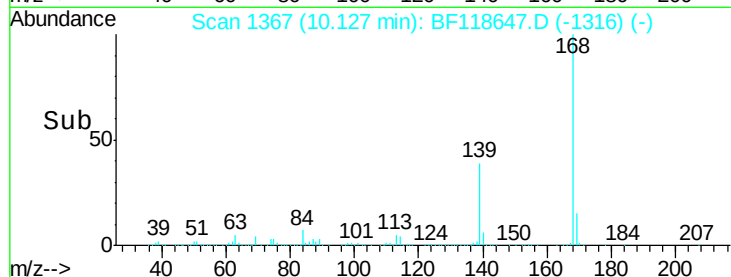
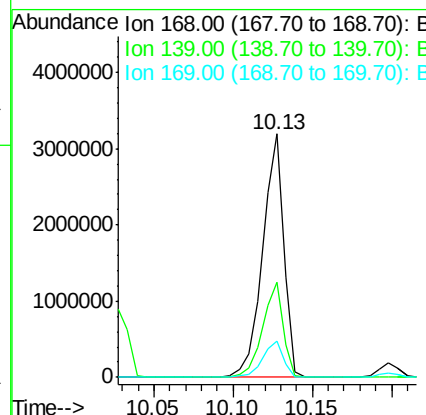
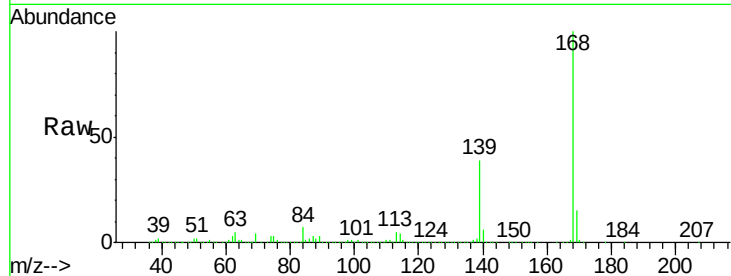
#55
Dibenzenofuran
Concen: 48.653 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

Tot Ion	Ion	Ratio	Lower	Upper
168	100			
139	38.8	32.7	49.1	
169	15.0	12.2	18.2	

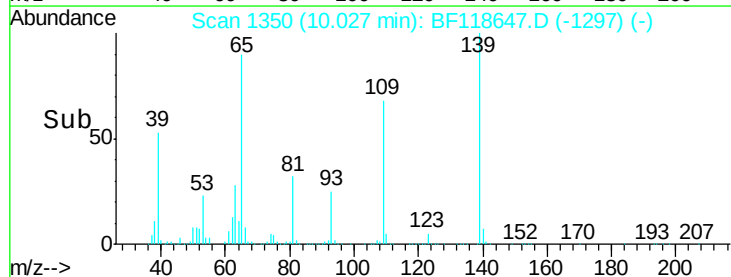
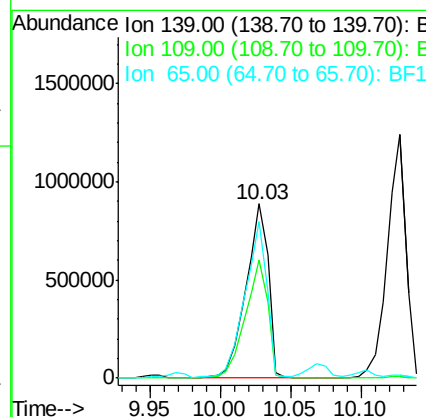
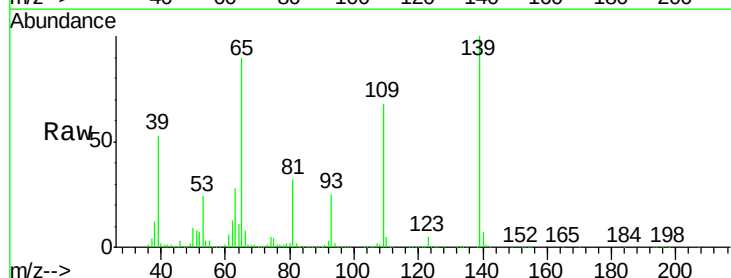
Manual Integrations
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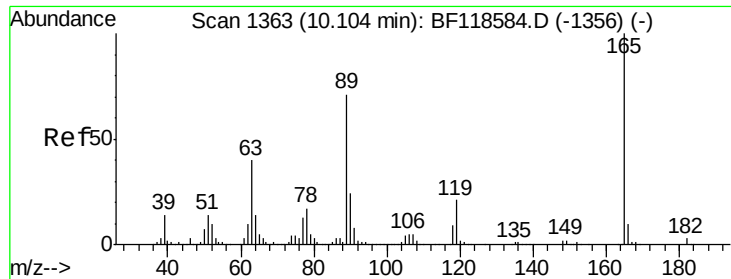
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#56
4-Nitrophenol
Concen: 95.480 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion	Ion	Ratio	Lower	Upper
139	100			
109	67.7	56.0	96.0	
65	90.0	81.4	121.4	





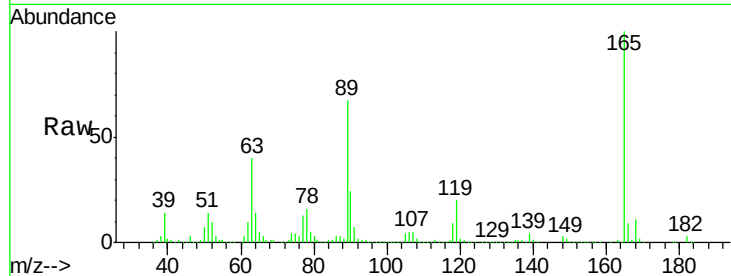
#57
2,4-Dinitrotoluene
Concen: 52.900 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		788446		
63	40.4		32.4	48.6	
89	67.2		56.4	84.6	
182	3.0		2.3	3.5	

Manual Integrations
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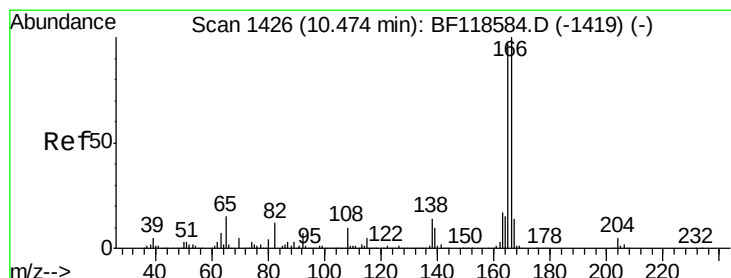
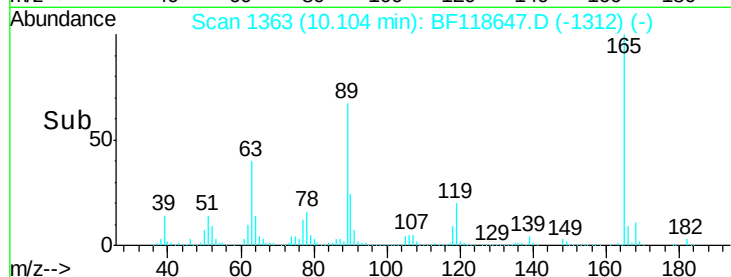
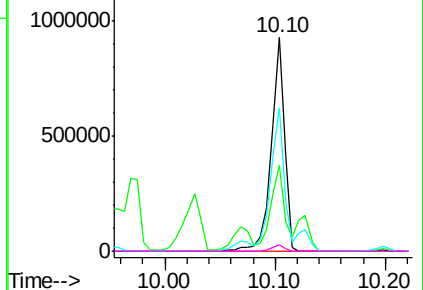


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



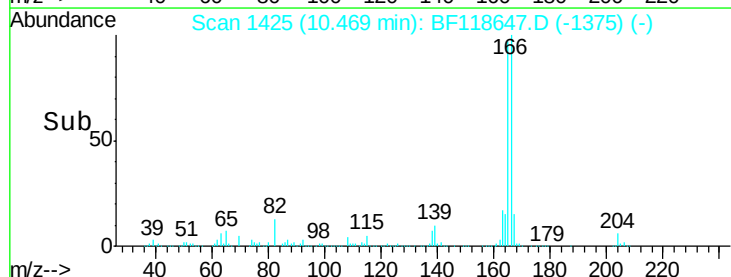
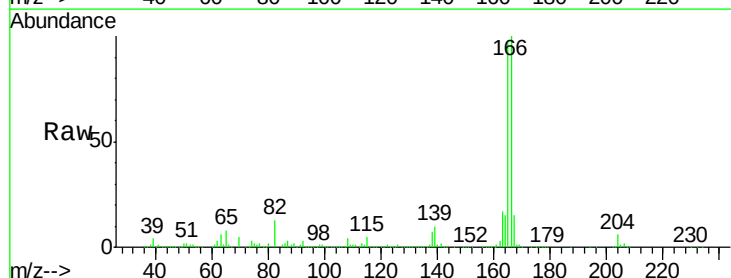
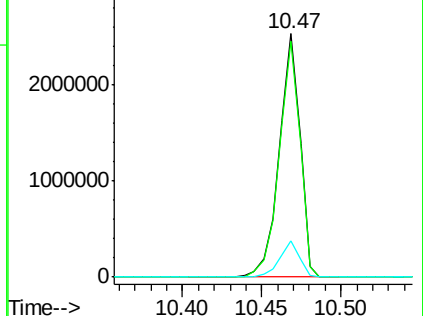
#58
Fluorene
Concen: 47.756 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

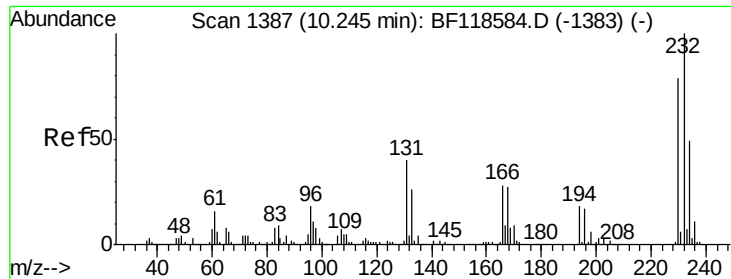
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		2300802		
165	96.9		77.3	115.9	
167	14.7		11.5	17.3	

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





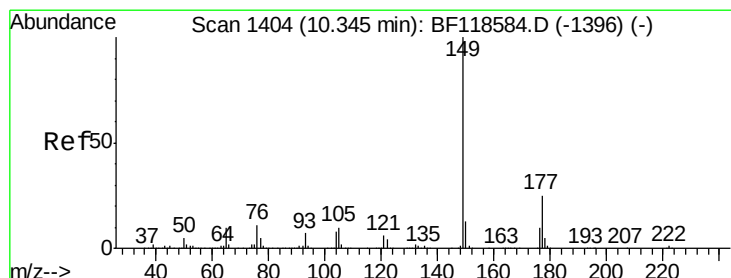
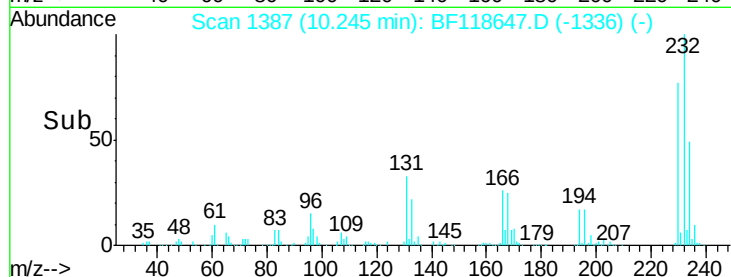
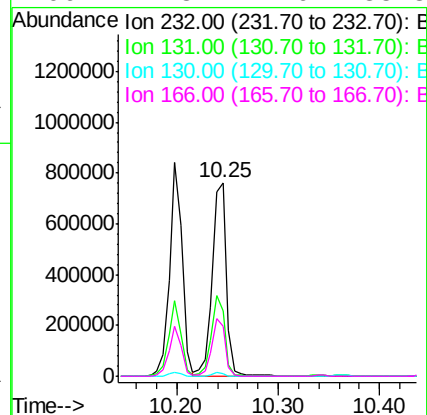
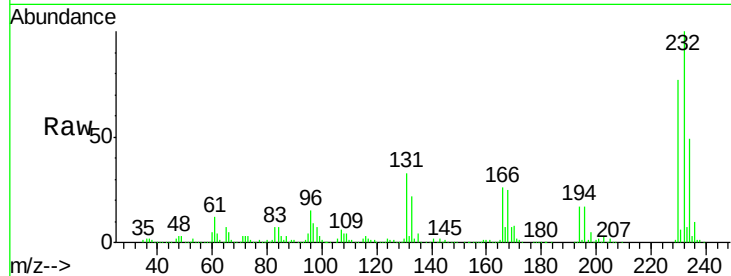
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.729 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.0	33.2	49.8
130	1.9	1.8	2.6
166	27.8	22.6	33.8

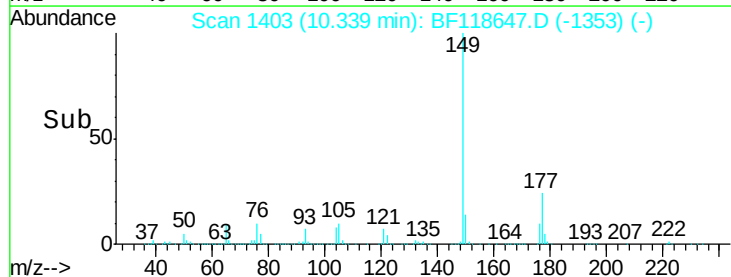
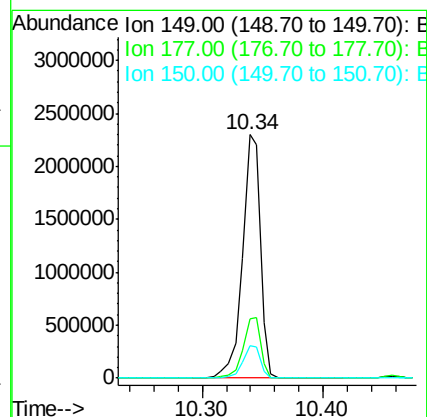
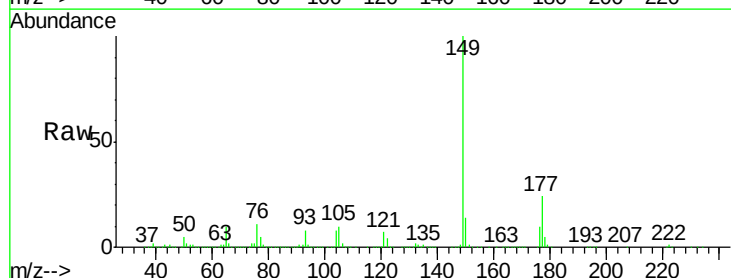
Manual Integrations
APPROVED

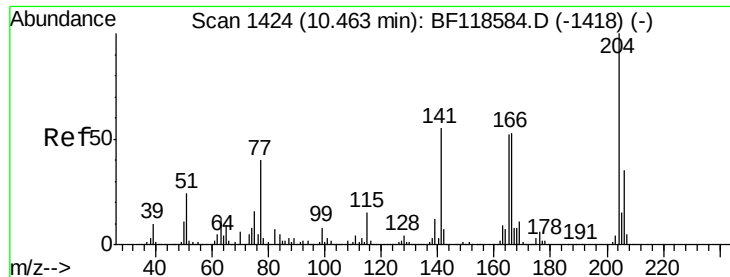
mohammad
1/22/2020 1:36:26 PM



#60
Diethylphthalate
Concen: 46.658 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.5	20.0	30.0
150	13.5	10.6	16.0





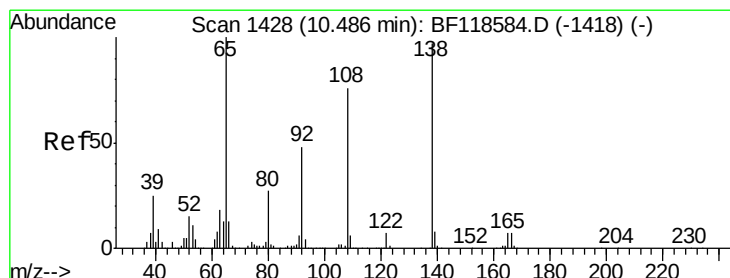
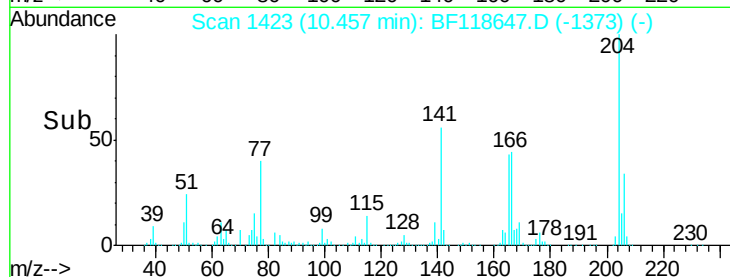
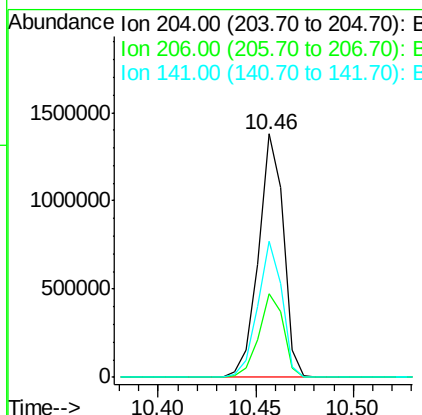
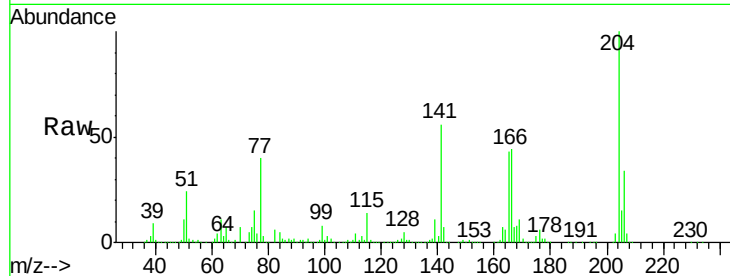
#61
4-Chlorophenyl-phenylether
Concen: 46.515 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	27.8	41.6
141	55.9	43.7	65.5

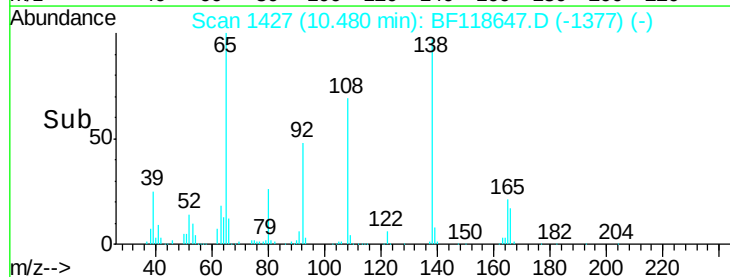
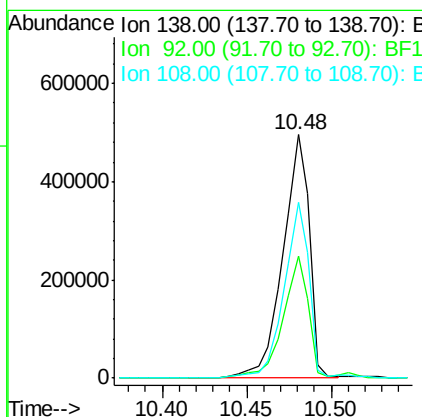
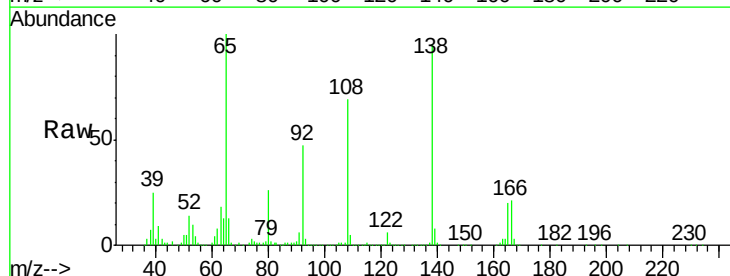
Manual Integrations
APPROVED

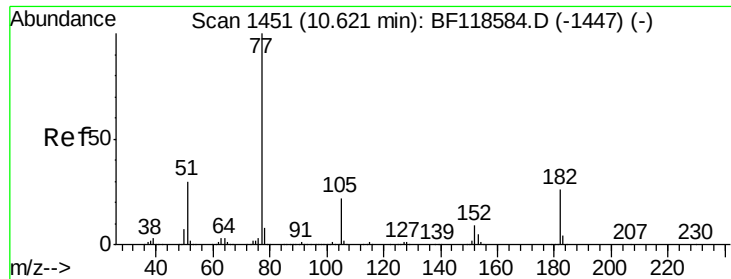
mohammad
1/22/2020 1:36:26 PM



#62
4-Nitroaniline
Concen: 39.138 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.0	29.4	69.4
108	72.4	58.2	98.2





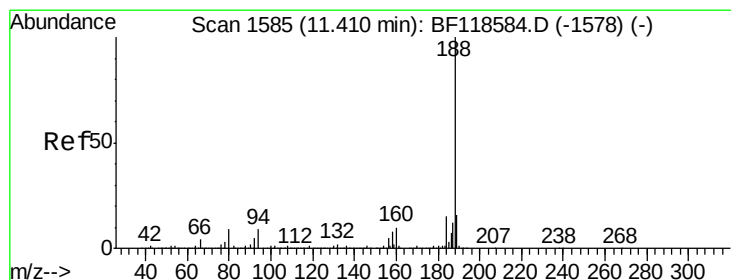
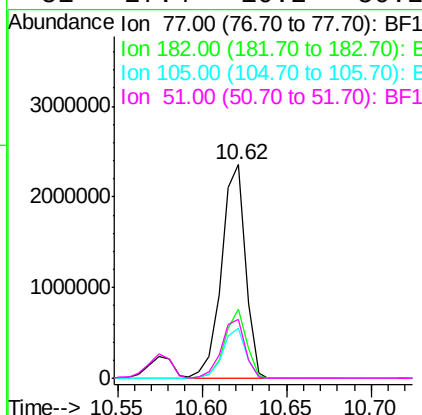
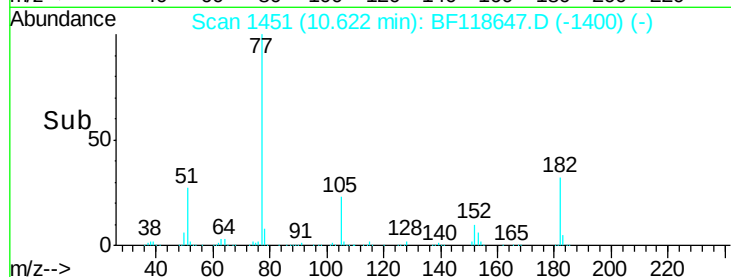
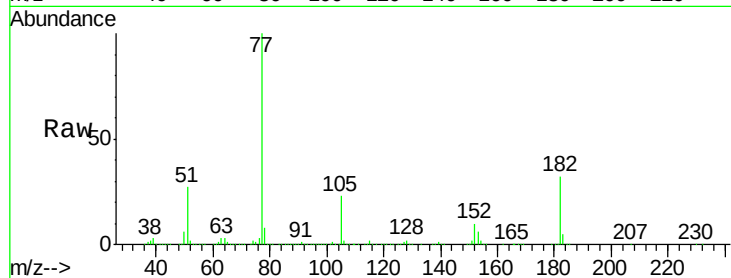
#63
Azobenzene
Concen: 46.793 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	32.1	5.6	45.6
105	23.4	2.0	42.0
51	27.4	10.2	50.2

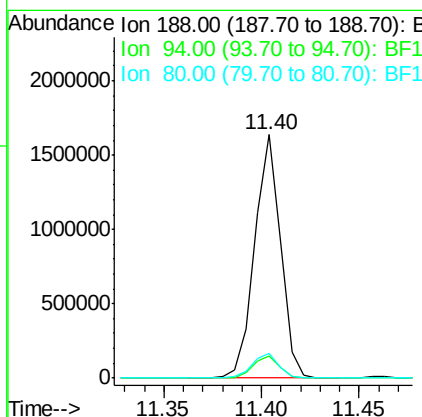
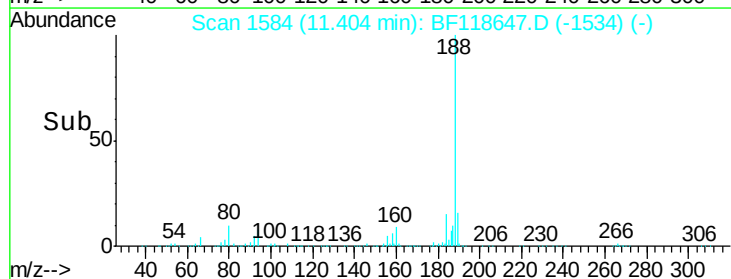
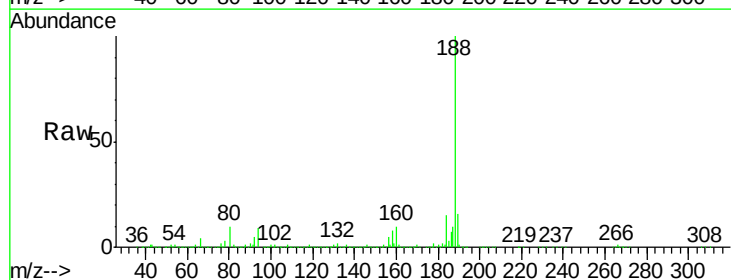
Manual Integrations
APPROVED

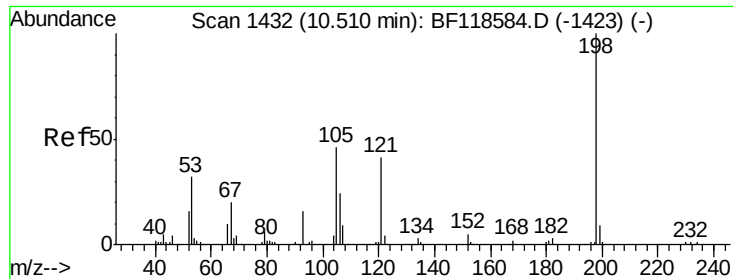
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.1	10.7
80	10.1	7.5	11.3





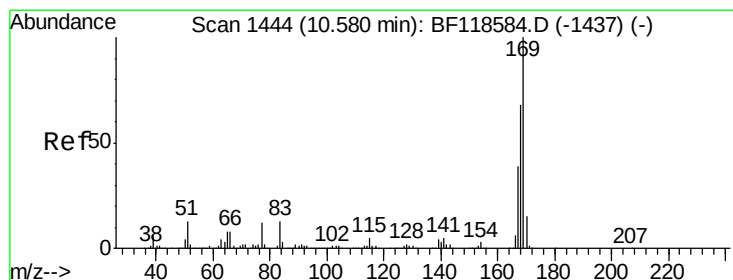
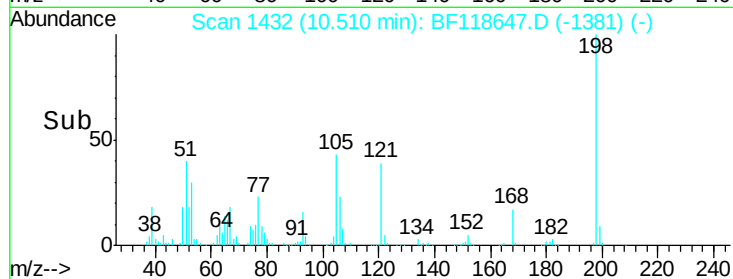
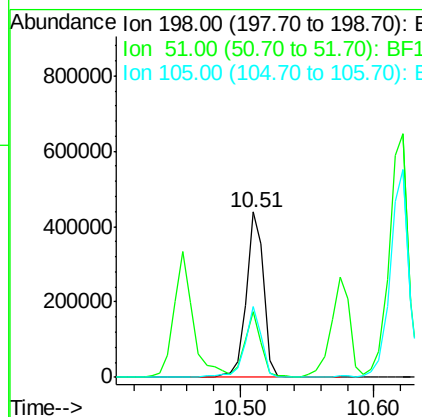
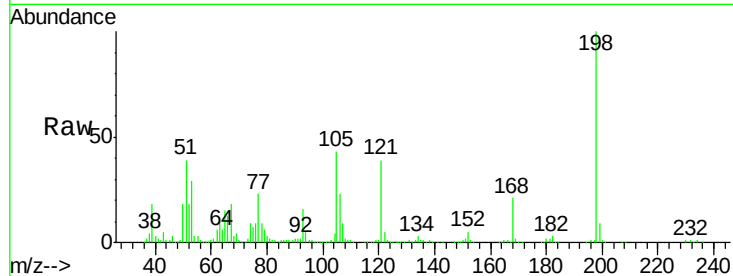
#65
 4,6-Dinitro-2-methylphenol
 Concen: 59.134 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BF118647.D
 Acq: 21 Jan 2020 22:13

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	391370		
51	39.4	25.2	65.2	
105	43.1	26.3	66.3	

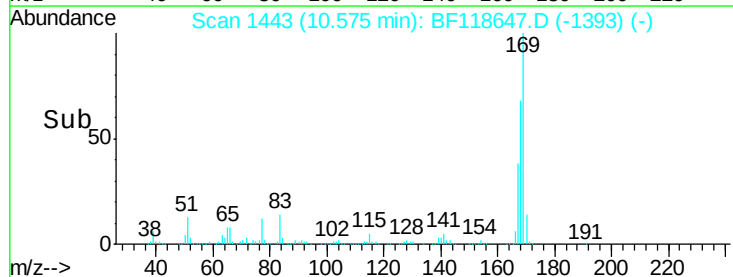
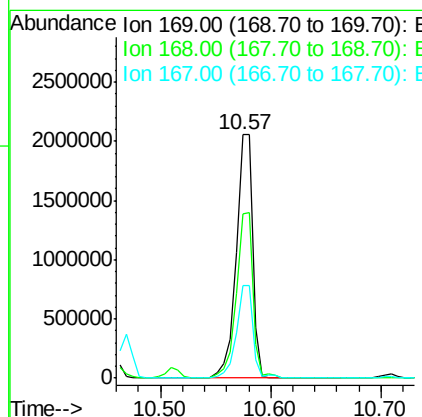
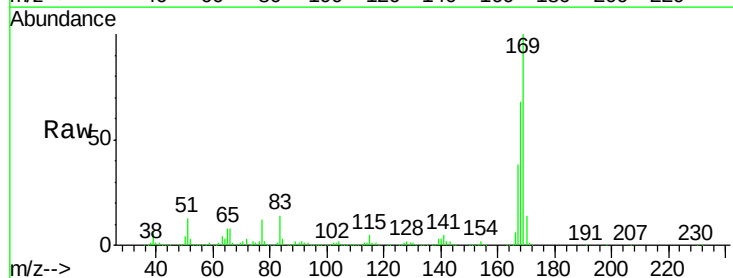
Manual Integrations
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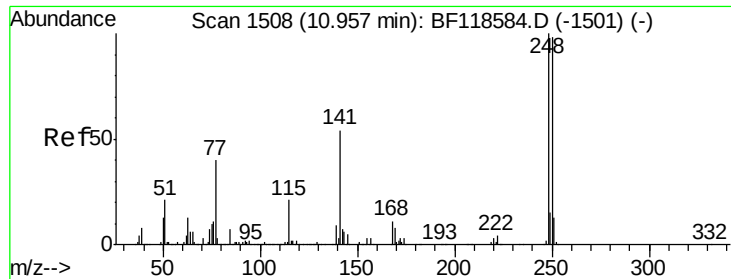
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 1/22/2020 1:36:26 PM



#66
 n-Nitrosodiphenylamine
 Concen: 47.658 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF118647.D
 Acq: 21 Jan 2020 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2163241		
168	67.6	54.6	82.0	
167	37.8	30.9	46.3	





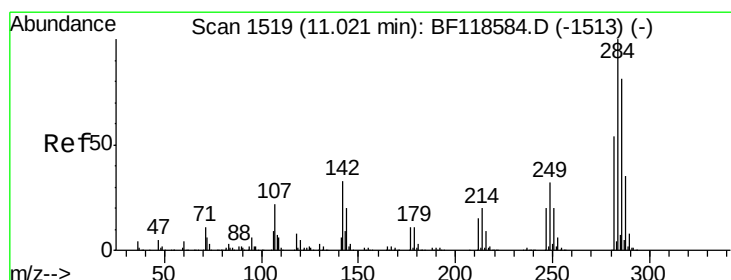
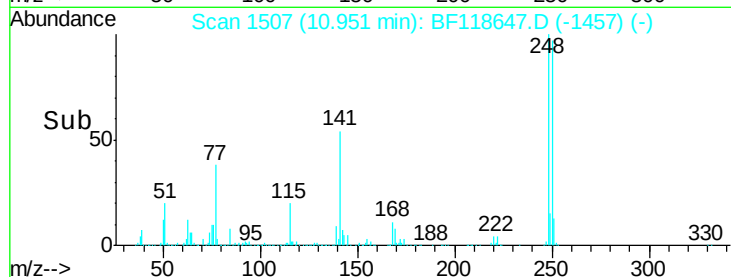
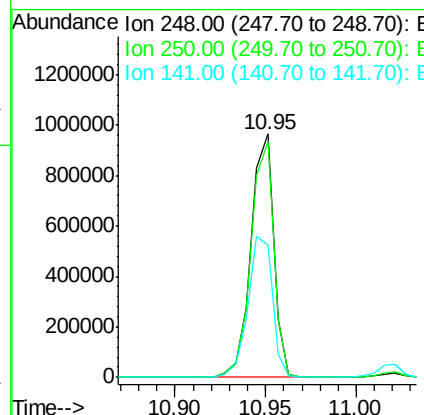
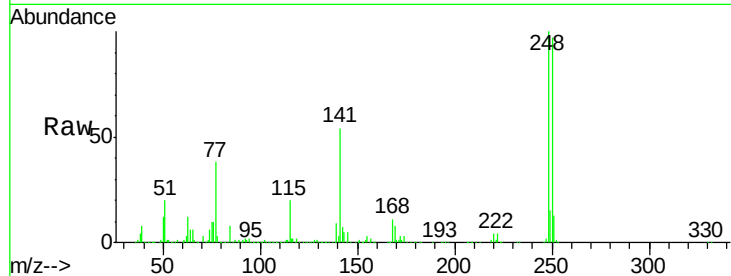
#67
4-Bromophenyl-phenylether
Concen: 45.473 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.7	118.1
141	54.2	43.2	64.8

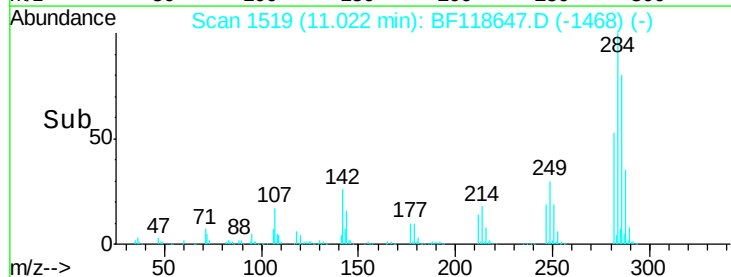
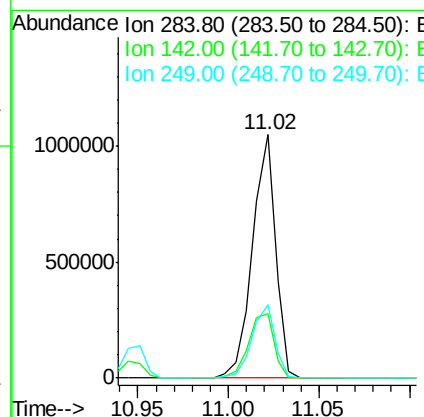
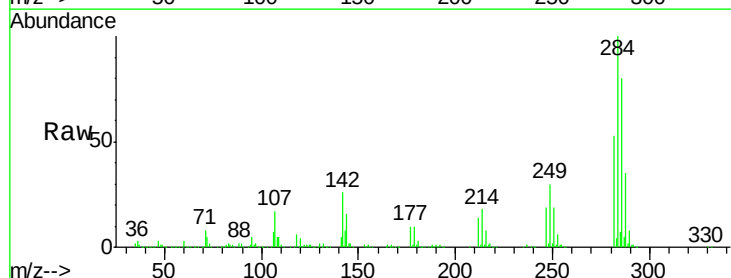
Manual Integrations
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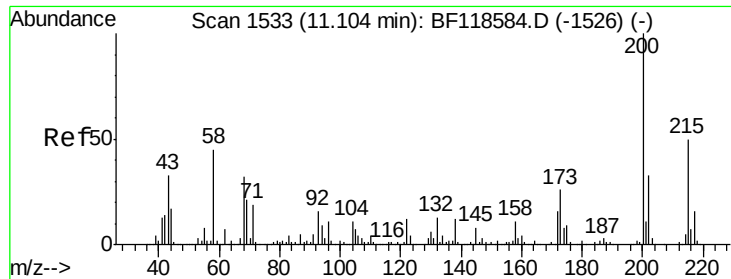
mohammad
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#68
Hexachlorobenzene
Concen: 44.164 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.4	26.6	39.8#
249	30.1	25.2	37.8





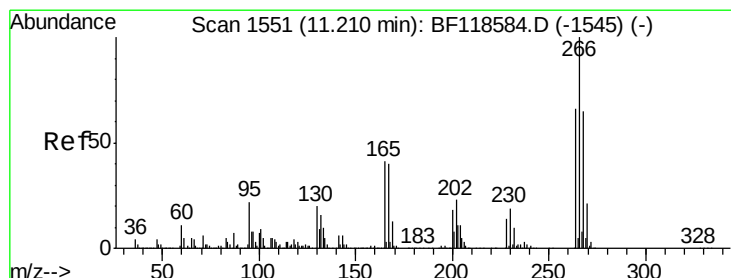
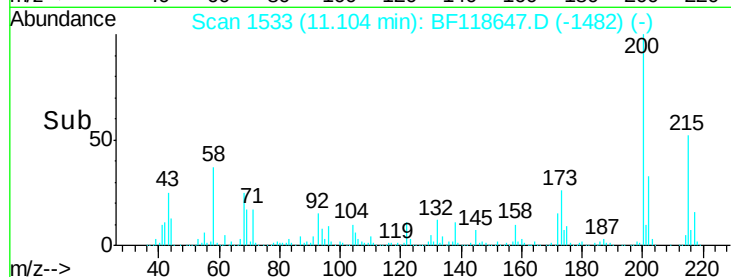
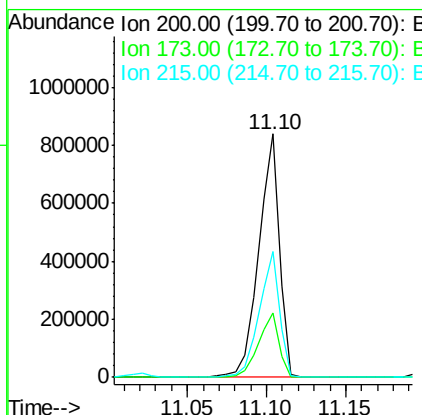
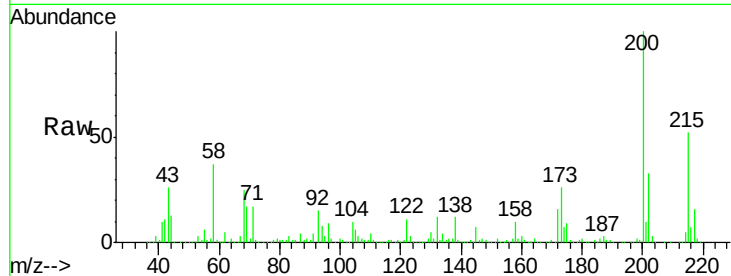
#69
Atrazine
Concen: 48.658 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.3	6.3	46.3
215	51.9	30.2	70.2

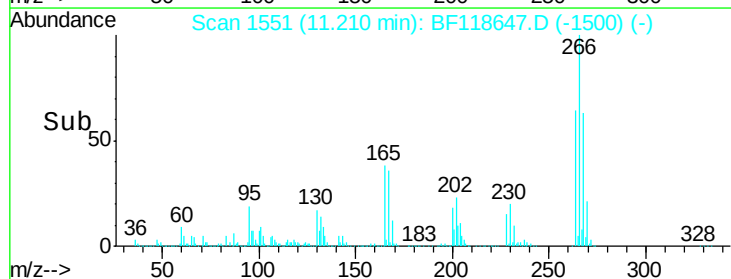
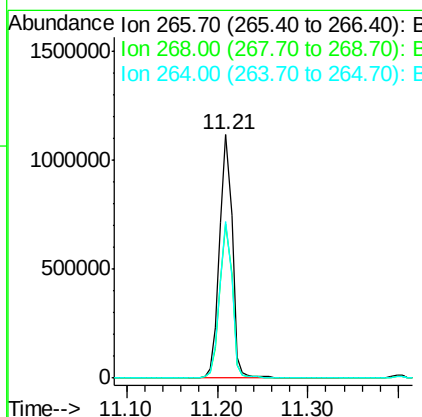
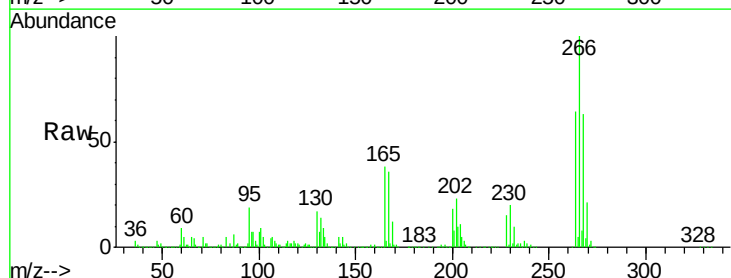
Manual Integrations
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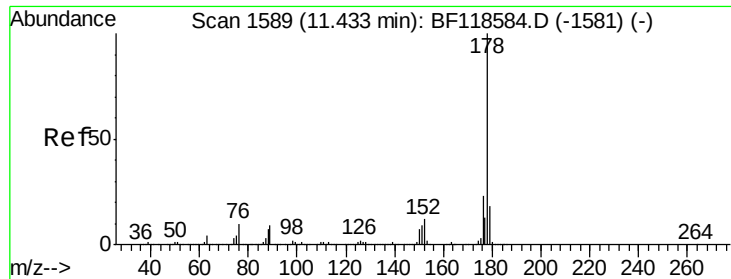
mohammad
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#70
Pentachlorophenol
Concen: 92.510 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	52.1	78.1
264	64.0	52.4	78.6





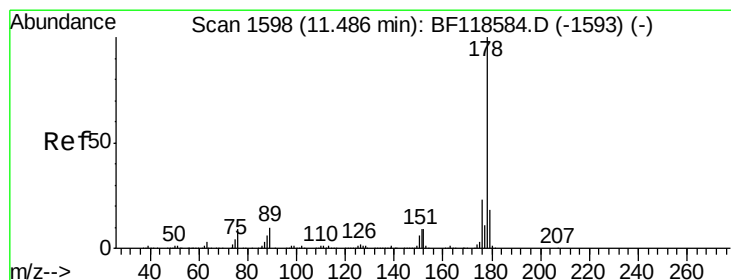
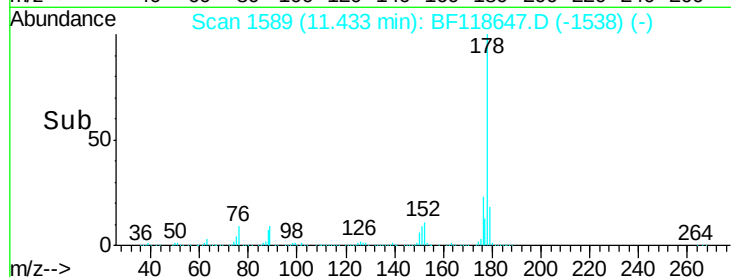
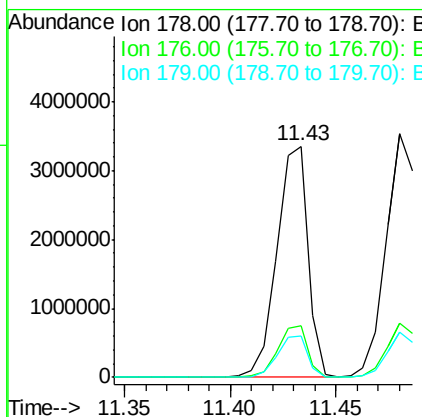
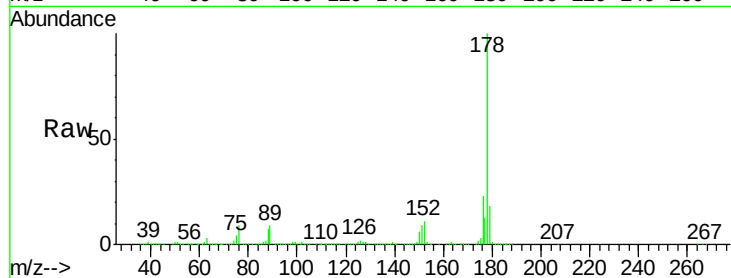
#71
Phenanthrene
Concen: 47.501 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

Tot Ion:178 Resp: 3449212
Ion Ratio Lower Upper
178 100
176 22.6 18.6 27.8
179 17.7 14.7 22.1

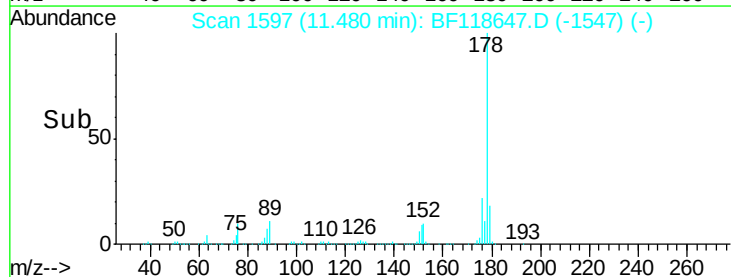
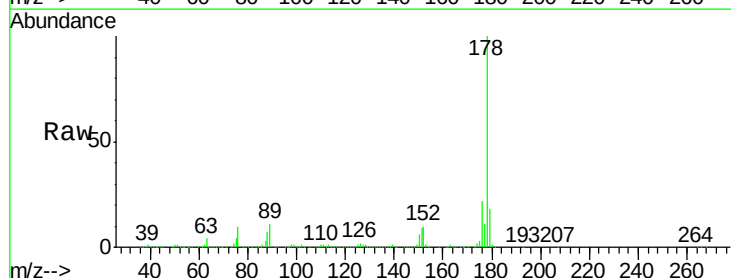
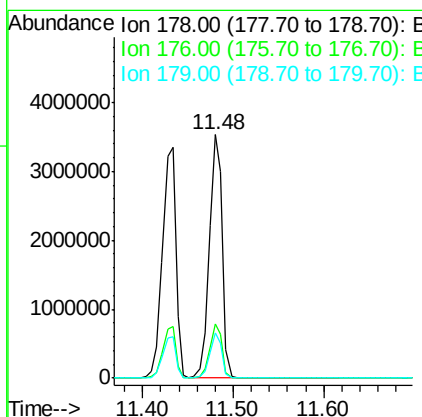
Manual Integrations
APPROVED

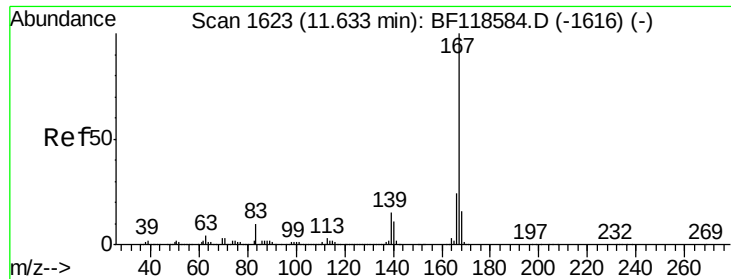
mohammad
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#72
Anthracene
Concen: 49.282 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion:178 Resp: 3540916
Ion Ratio Lower Upper
178 100
176 22.1 18.0 27.0
179 18.3 14.7 22.1





#73
 Carbazole
 Concen: 48.242 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF118647.D
 Acq: 21 Jan 2020 22:13

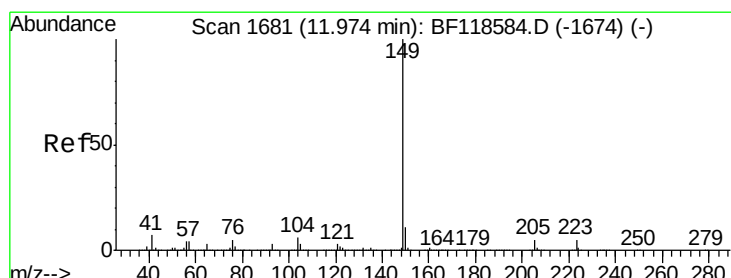
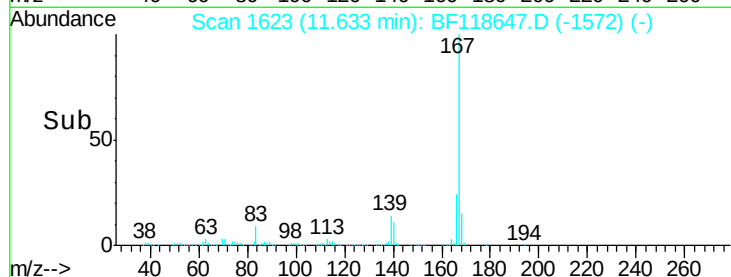
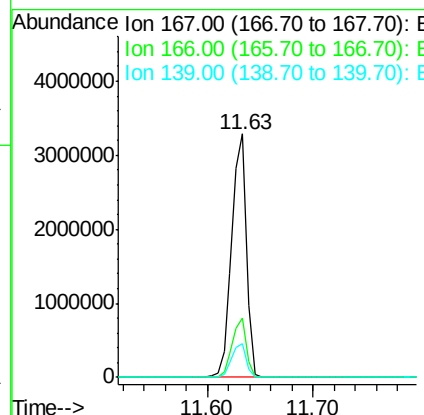
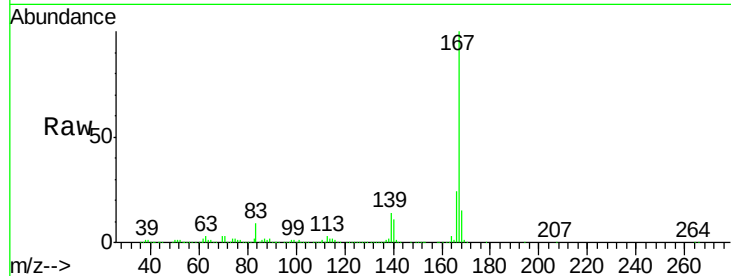
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720MSD

Tot Ion:167 Resp: 3179356

Ion	Ratio	Lower	Upper
167	100		
166	24.4	19.4	29.2
139	14.0	11.7	17.5

Manual Integrations
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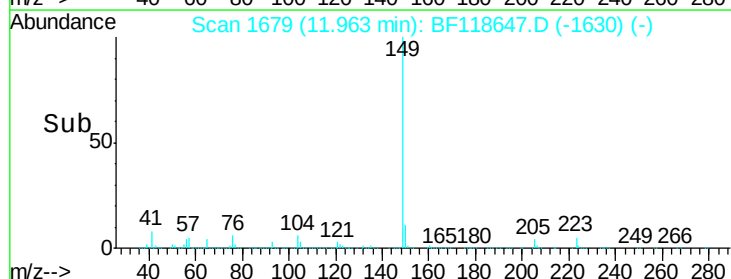
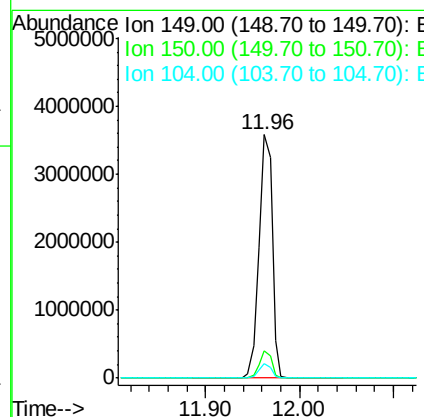
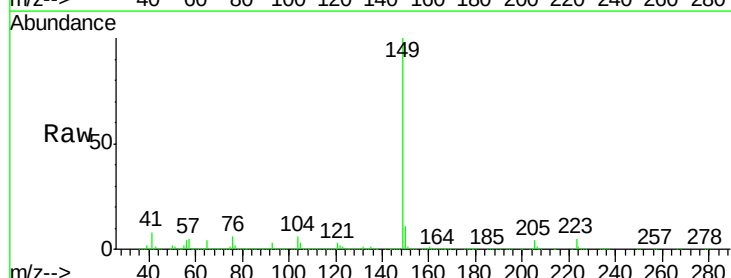
mohammad
 1/22/2020 1:36:26 PM

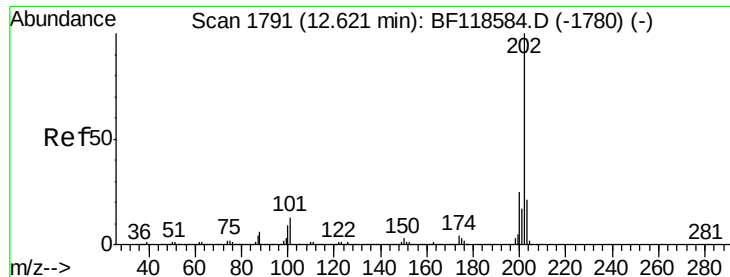


#74
 Di-n-butylphthalate
 Concen: 47.780 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF118647.D
 Acq: 21 Jan 2020 22:13

Tgt Ion:149 Resp: 3498540

Ion	Ratio	Lower	Upper
149	100		
150	11.2	8.7	13.1
104	5.8	4.6	6.8





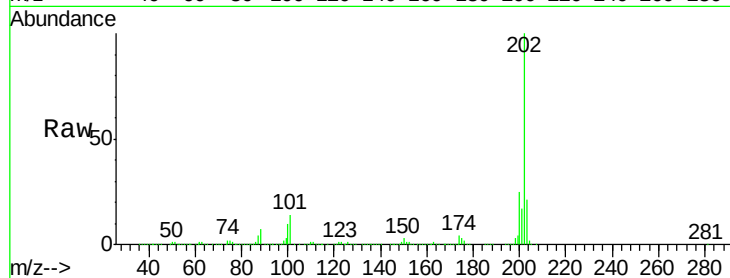
#75
Fluoranthene
Concen: 48.183 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

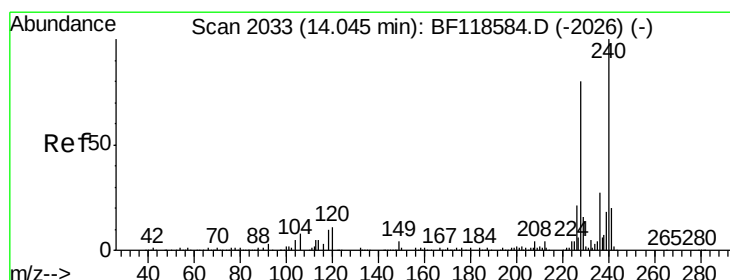
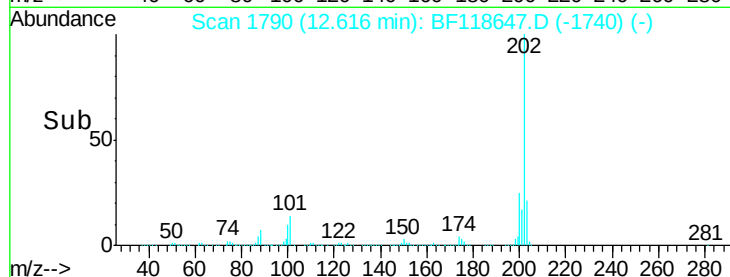
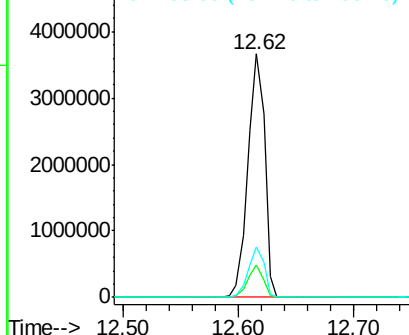
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	32.5
203	20.9	0.8	40.8

Manual Integrations
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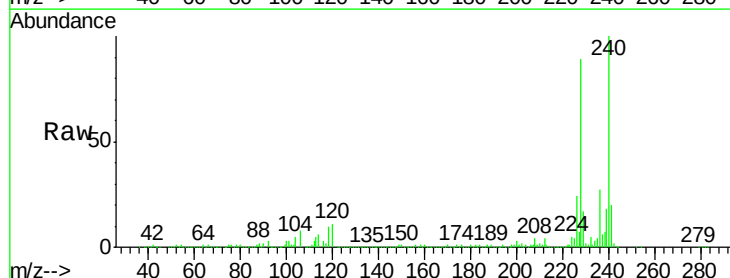


Abundance Ion 202.00 (201.70 to 202.70): E
5000000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

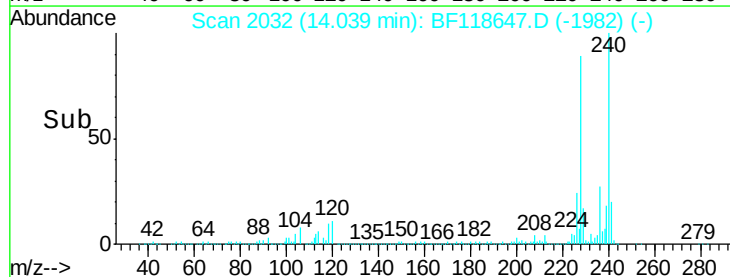
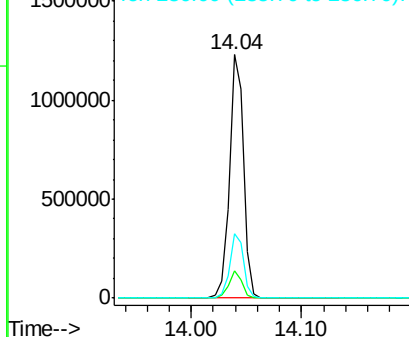


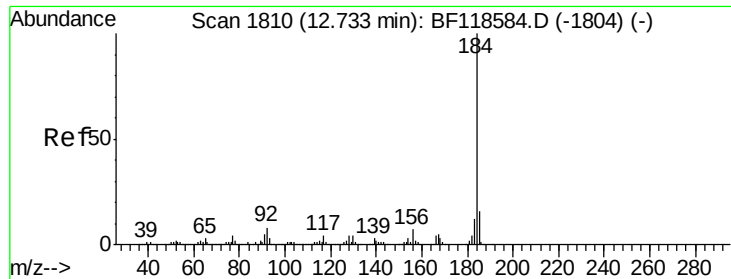
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.9	13.3
236	26.6	21.5	32.3



Abundance Ion 240.00 (239.70 to 240.70): E
1500000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.943 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

Instrument :

BNA_F

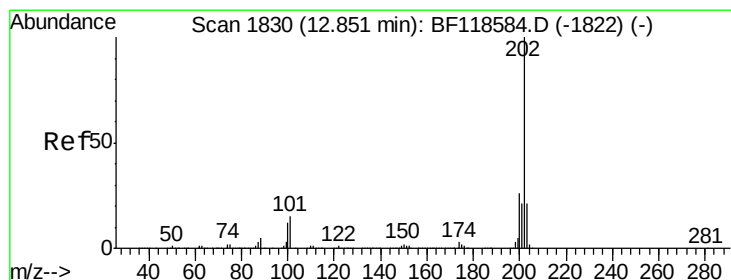
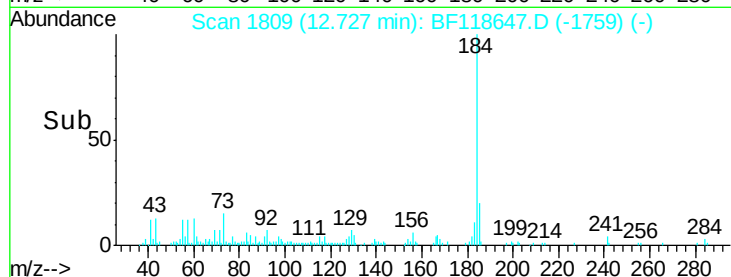
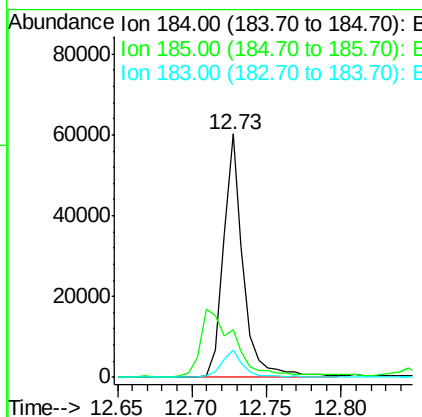
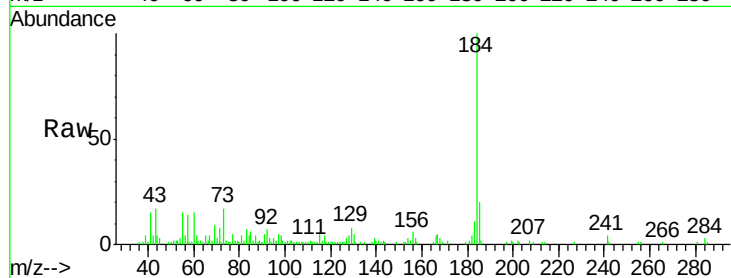
ClientSampleId :

BU-02-101720MSD

Tot Ion	Ion	Ratio	Lower	Upper
184	100			
185	19.5	12.9	19.3	
183	11.2	9.6	14.4	

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#78

Pyrene

Concen: 49.942 ng

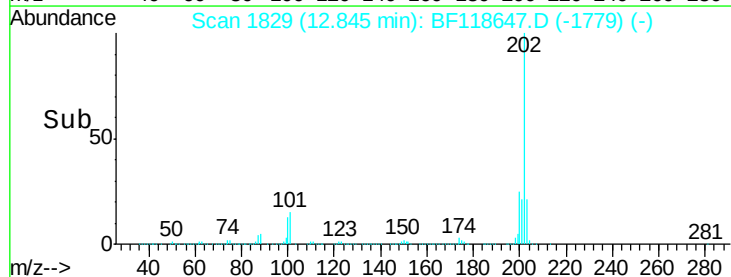
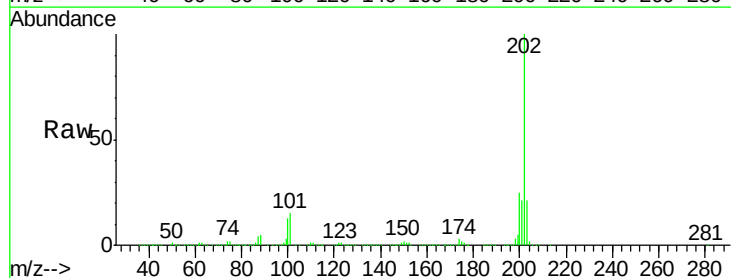
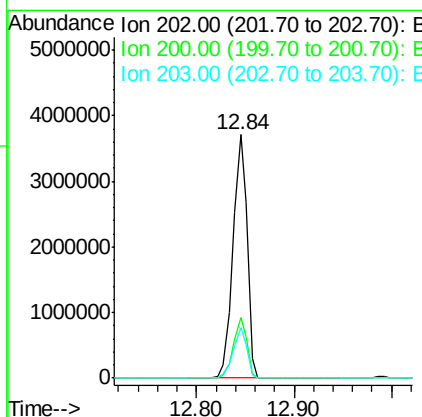
RT: 12.84 min Scan# 1829

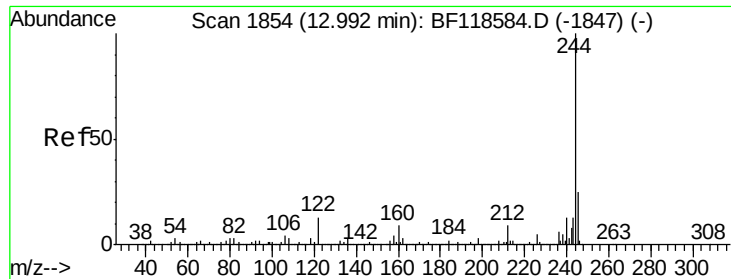
Delta R.T. -0.01 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
200	25.1	20.6	31.0	
203	20.7	16.8	25.2	





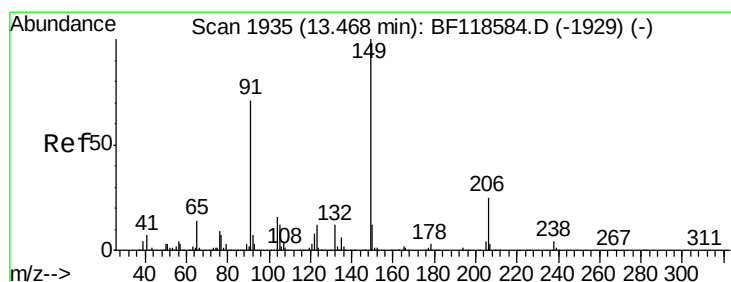
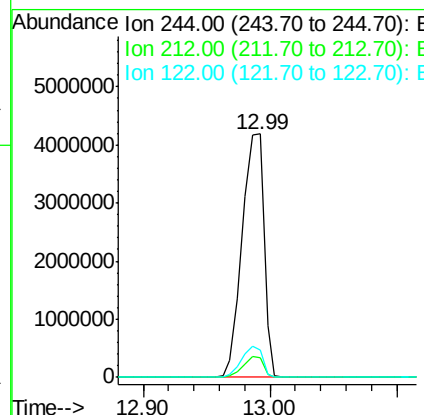
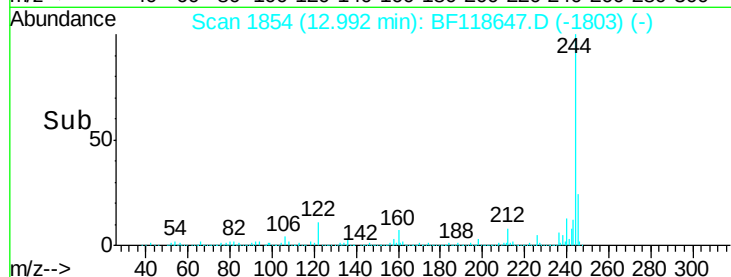
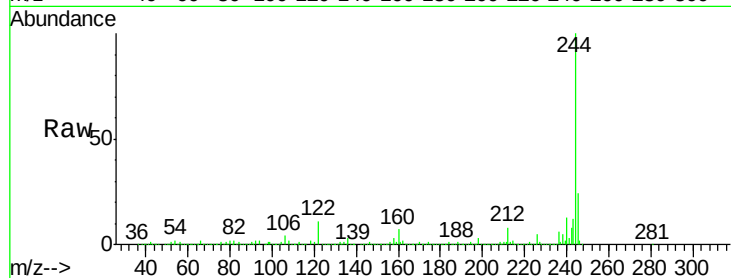
#79
 Terphenyl-d14
 Concen: 99.201 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: BF118647.D
 Acq: 21 Jan 2020 22:13

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720MSD

Tot Ion:244 Resp: 4973846
 Ion Ratio Lower Upper
 244 100
 212 8.2 7.0 10.4
 122 11.2 10.7 16.1

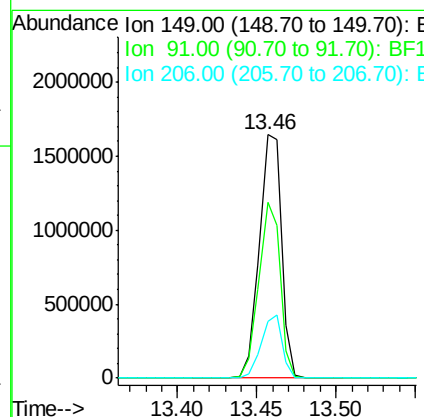
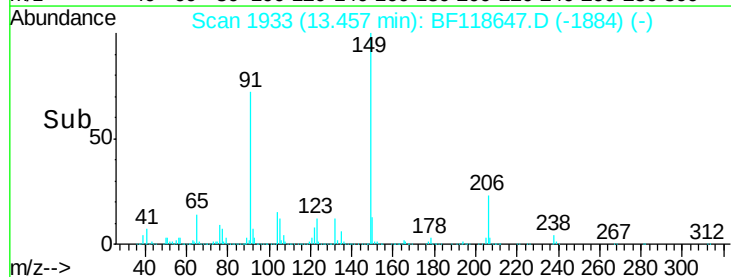
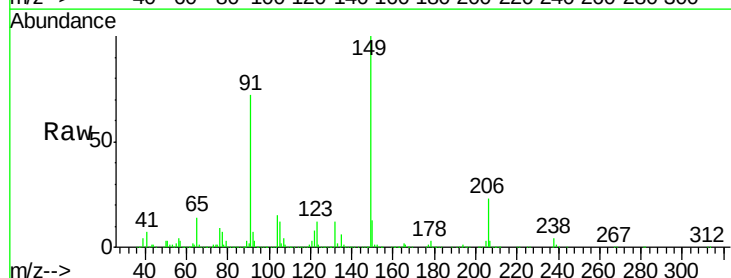
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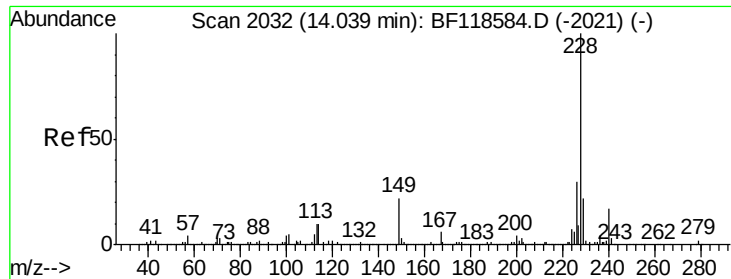
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#80
 Butylbenzylphthalate
 Concen: 53.044 ng
 RT: 13.46 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BF118647.D
 Acq: 21 Jan 2020 22:13

Tgt Ion:149 Resp: 1611744
 Ion Ratio Lower Upper
 149 100
 91 72.5 56.5 84.7
 206 23.3 19.9 29.9





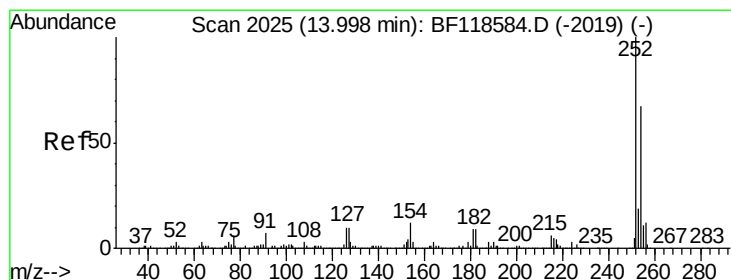
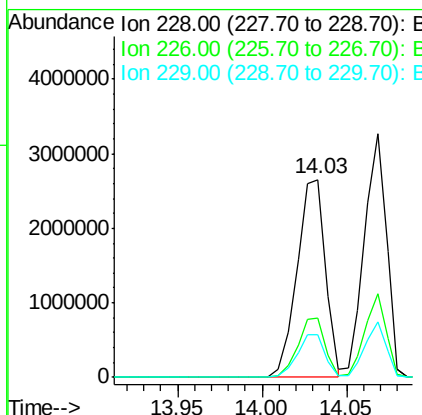
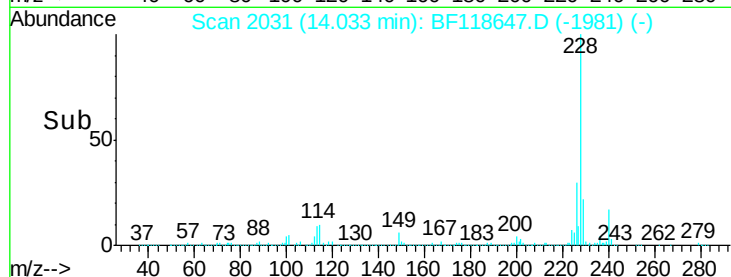
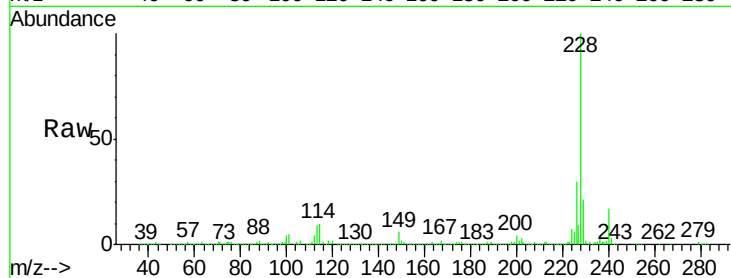
#81
Benzo(a)anthracene
Concen: 47.089 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

Tot Ion:228 Resp: 3097703
Ion Ratio Lower Upper
228 100
226 29.7 24.1 36.1
229 21.5 17.6 26.4

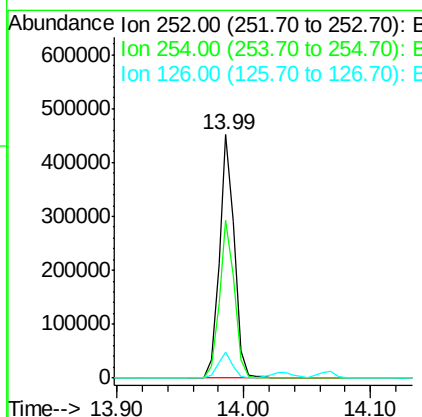
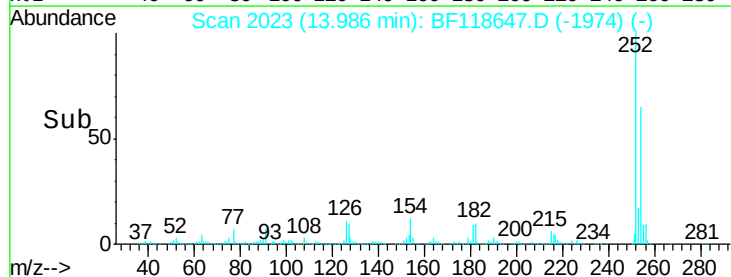
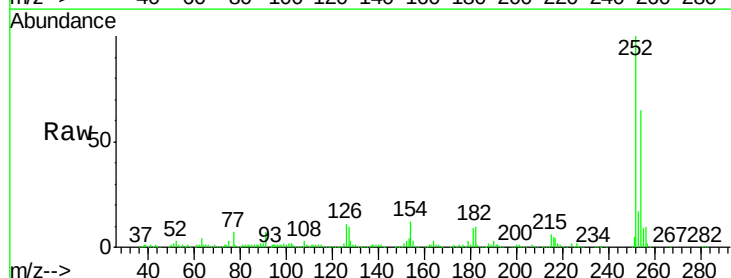
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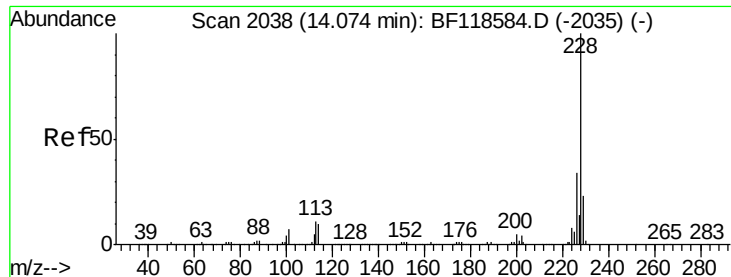
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#82
3,3'-Dichlorobenzidine
Concen: 15.959 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion:252 Resp: 374099
Ion Ratio Lower Upper
252 100
254 65.1 53.4 80.2
126 10.9 8.0 12.0





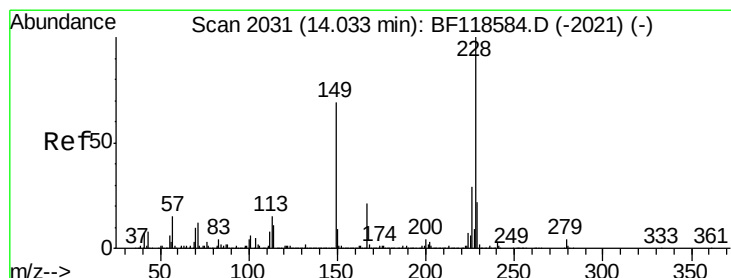
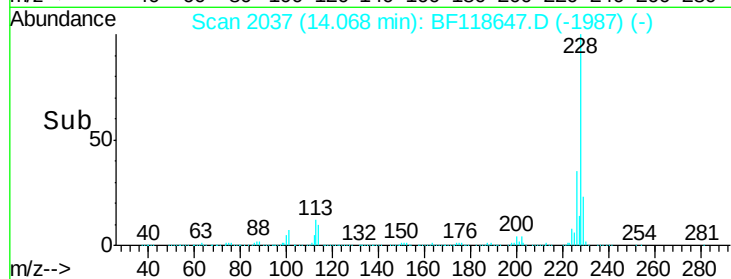
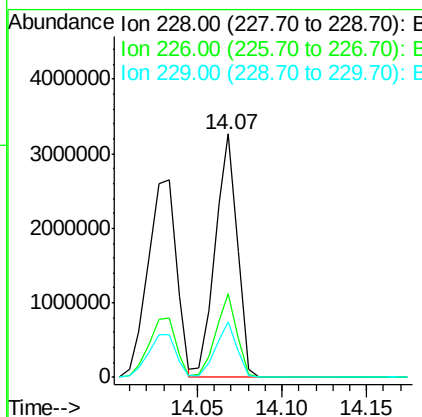
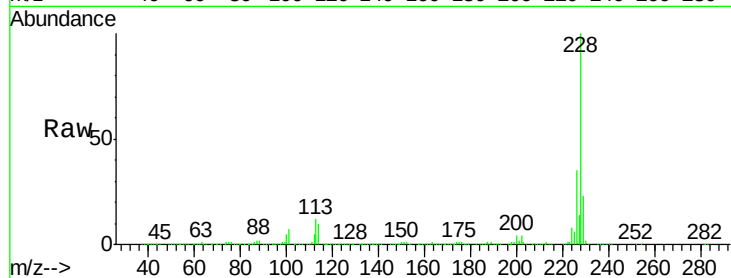
#83
Chrysene
Concen: 47.356 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.6	27.4	41.0
229	22.8	18.3	27.5

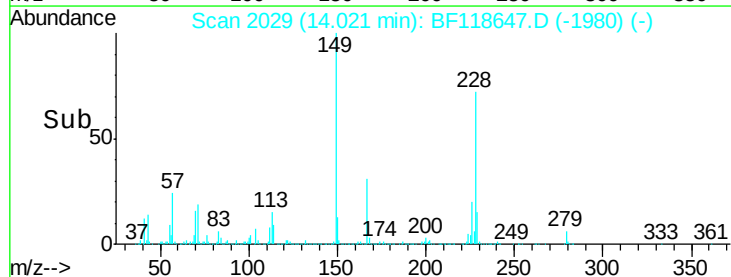
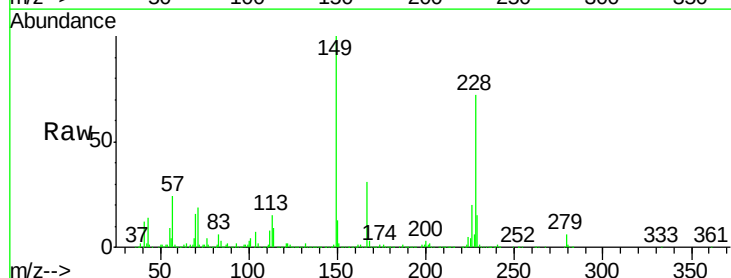
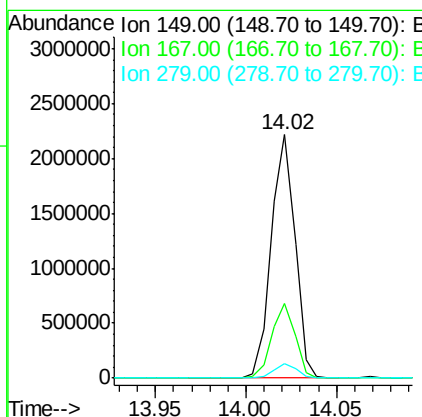
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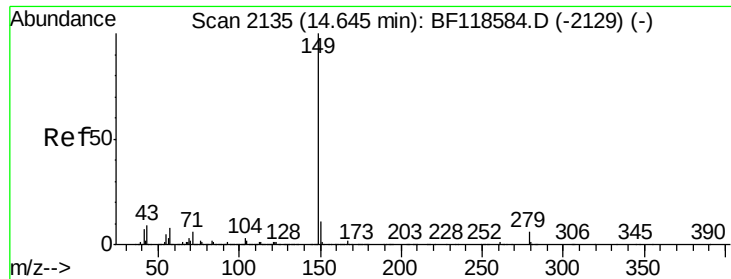
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#84
Bis(2-ethylhexyl)phthalate
Concen: 54.215 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.7	24.2	36.4
279	6.1	5.0	7.4





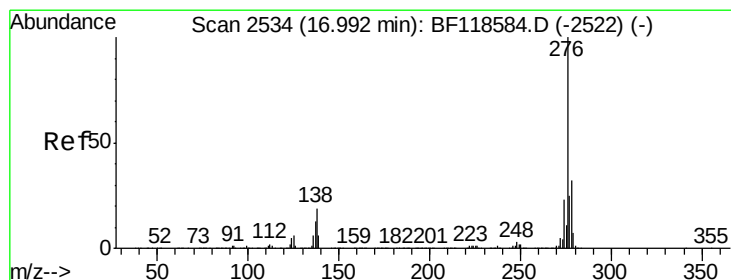
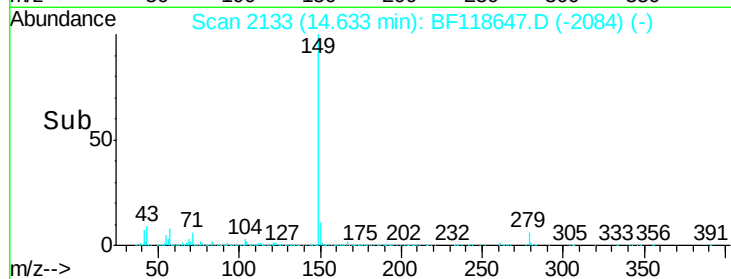
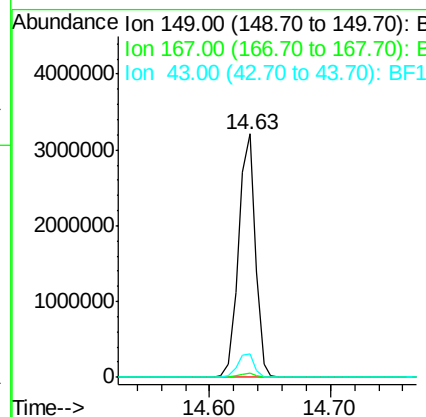
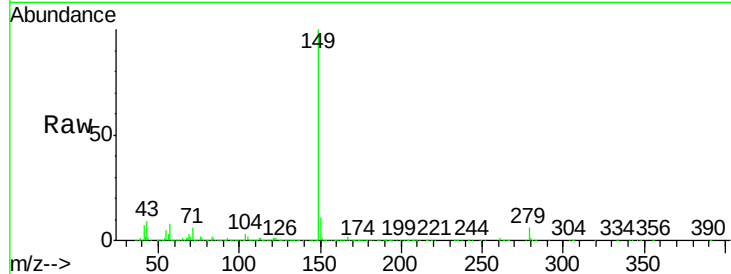
#85
Di-n-octyl phthalate
Concen: 56.681 ng
RT: 14.63 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	9.6	8.1	12.1

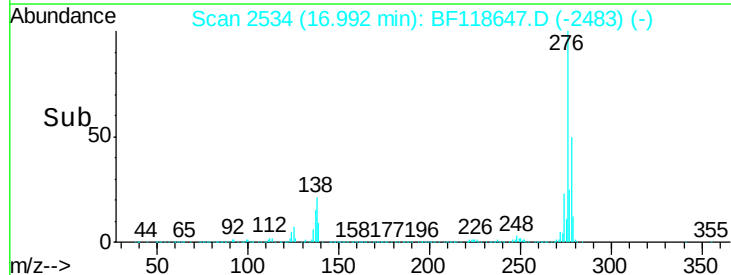
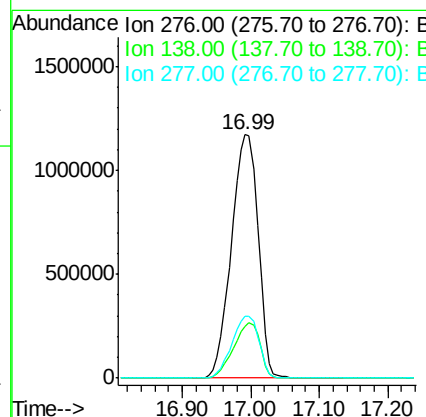
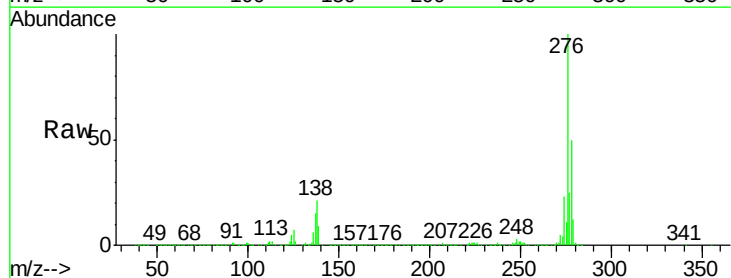
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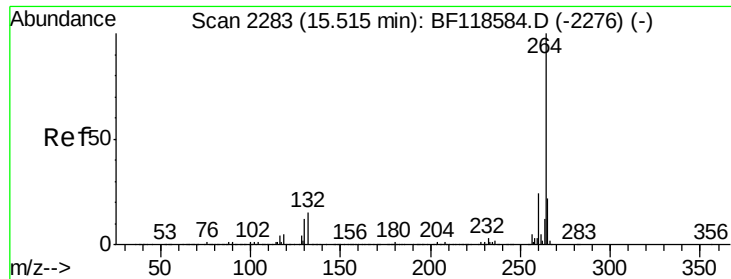
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#86
Indeno(1,2,3-cd)pyrene
Concen: 57.851 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.00 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.5	17.2	25.8
277	25.7	20.5	30.7





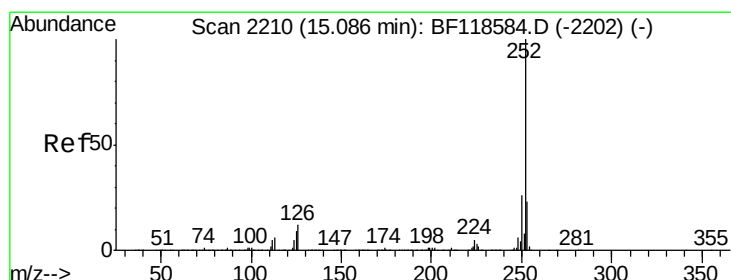
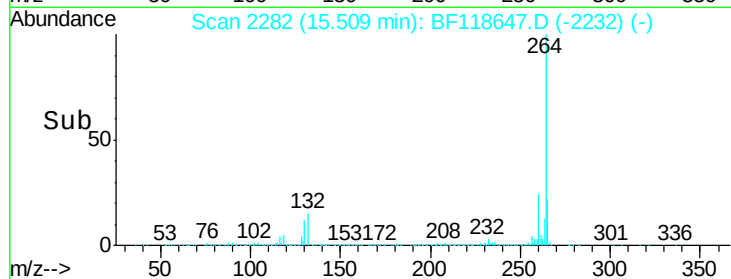
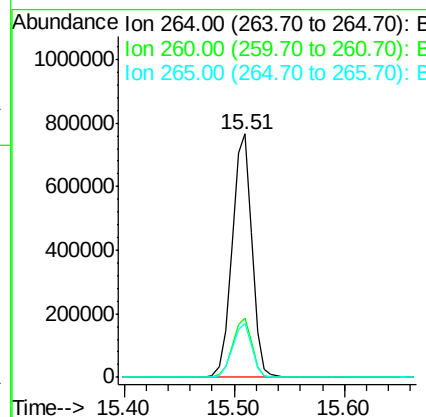
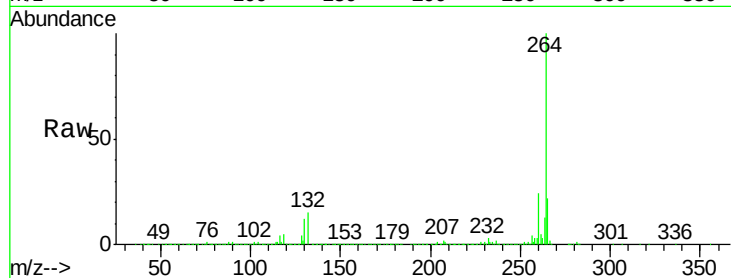
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	22.0	17.7	26.5

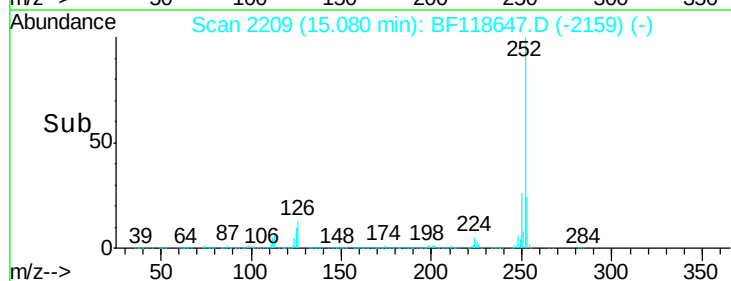
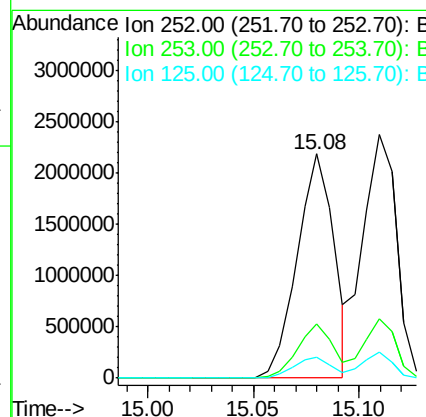
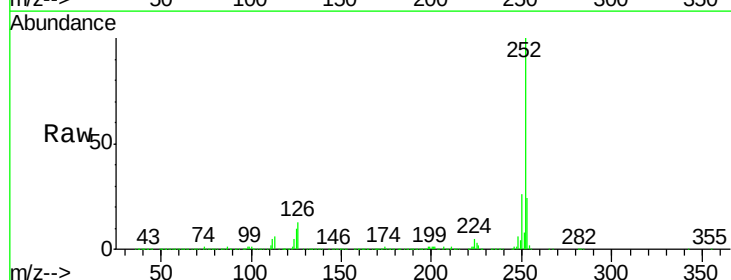
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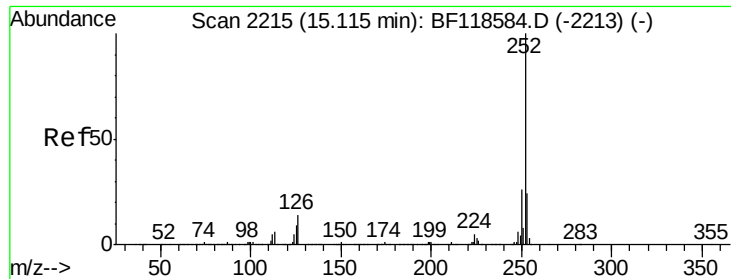
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#88
Benzo(b)fluoranthene
Concen: 43.993 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.7	28.1
125	9.5	7.3	10.9





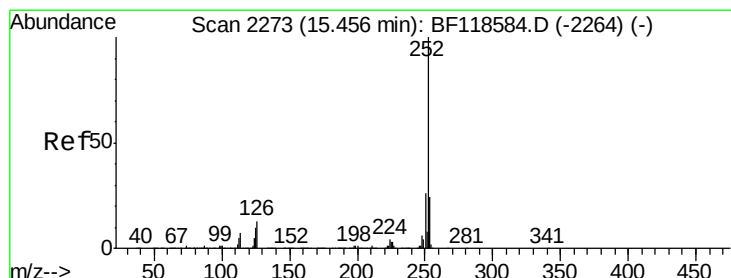
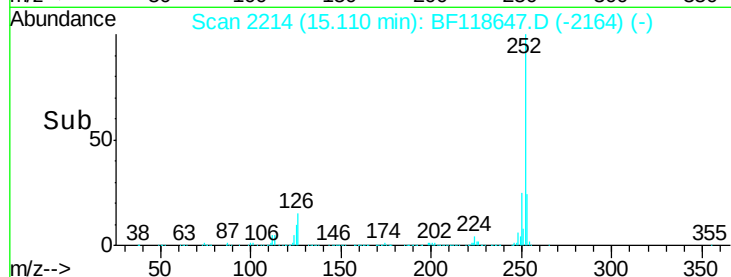
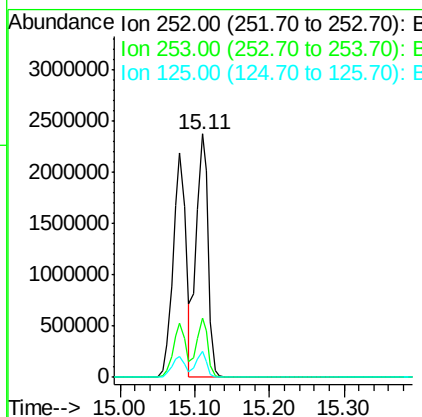
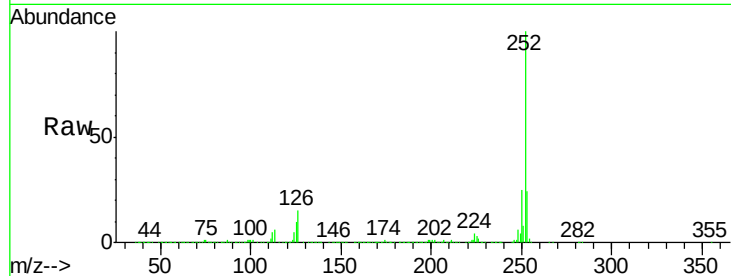
#89
Benzo(k)fluoranthene
Concen: 47.483 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.0	28.4
125	10.4	7.6	11.4

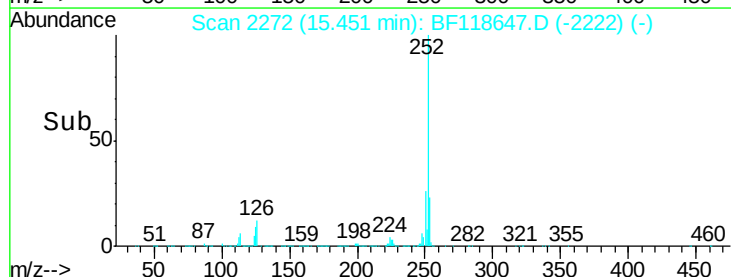
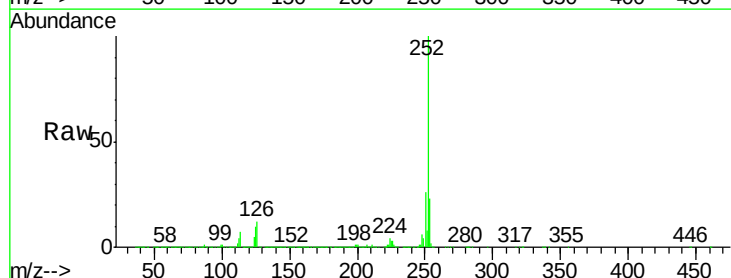
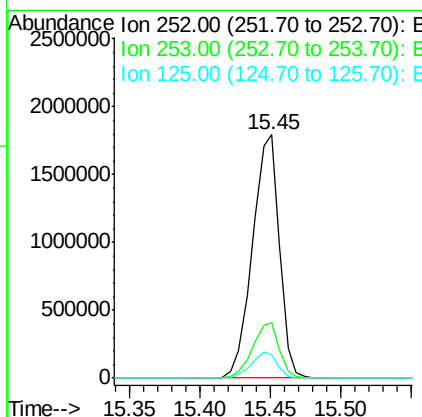
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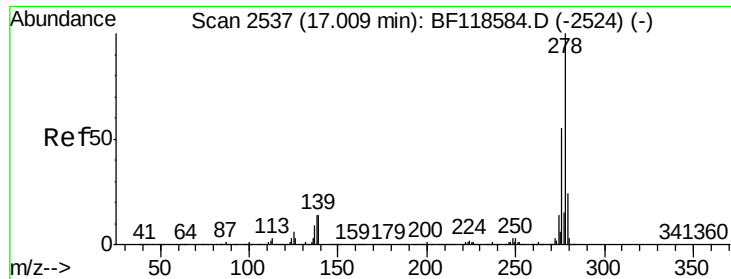
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#90
Benzo(a)pyrene
Concen: 46.308 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.8	28.2
125	9.6	7.8	11.6





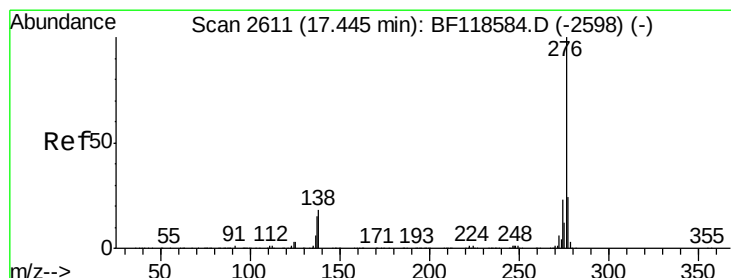
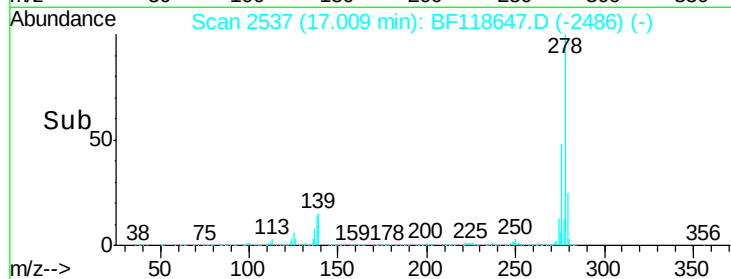
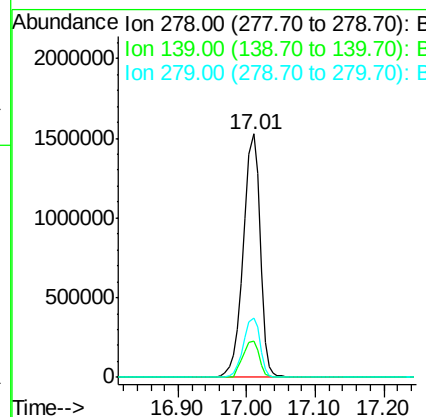
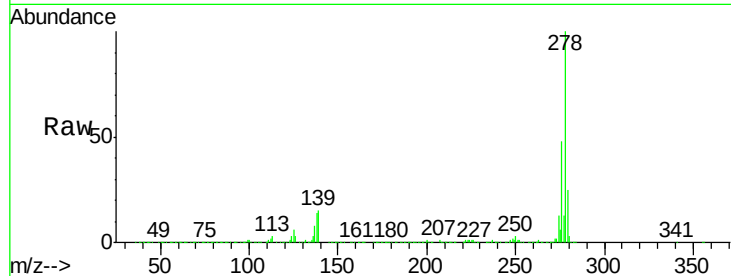
#91
Dibenzo(a,h)anthracene
Concen: 56.638 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.00 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.4	17.0
279	24.5	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 61.002 ng
RT: 17.44 min Scan# 2611
Delta R.T. 0.00 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.9	28.3
138	18.7	14.4	21.6

