

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
 Data File : BF119549.D
 Acq On : 27 Mar 2020 00:15
 Operator : CG/JU
 Sample : L2028-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MSD

Manual Integrations
 APPROVED

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 3/30/2020 8:50:57 AM

Quant Time: Mar 27 05:04:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 16:30:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	286288	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1136093	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	602853	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1166985	20.00	ng	0.00
76) Chrysene-d12	14.02	240	810479	20.00	ng	0.00
87) Perylene-d12	15.48	264	771364	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1499870	83.40	ng	0.01
7) Phenol-d6	6.46	99	1993122	86.76	ng	0.00
23) Nitrobenzene-d5	7.40	82	1231405	58.91	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	612104	98.42	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2401750	59.02	ng	0.00
79) Terphenyl-d14	12.96	244	2811425	67.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	315454	35.516	ng	99
3) Pyridine	3.36	79	849500	34.716	ng	96
4) n-Nitrosodimethylamine	3.32	42	501429	42.021	ng	95
6) Aniline	6.50	93	1137419	35.873	ng	100
8) 2-Chlorophenol	6.62	128	988484	52.333	ng	98
9) Benzaldehyde	6.38	77	608073	41.724	ng	98
10) Phenol	6.47	94	1279238	52.186	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	947196	48.313	ng	99
12) 1,3-Dichlorobenzene	6.77	146	963123	47.113	ng	99
13) 1,4-Dichlorobenzene	6.85	146	986214	48.230	ng	99
14) 1,2-Dichlorobenzene	7.01	146	926189	48.459	ng	98
15) Benzyl Alcohol	6.98	79	835701	48.360	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1799597	45.507	ng	97
17) 2-Methylphenol	7.09	107	802364	46.363	ng	98
18) Hexachloroethane	7.35	117	373744	49.876	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	691505	49.939	ng	96
20) 3+4-Methylphenols	7.25	107	965502	45.523	ng	# 79
22) Acetophenone	7.25	105	1272692	46.882	ng	99
24) Nitrobenzene	7.42	77	1035375	46.346	ng	95
25) Isophorone	7.66	82	1963213	46.297	ng	99
26) 2-Nitrophenol	7.73	139	536076	60.945	ng	97
27) 2,4-Dimethylphenol	7.77	122	836288	45.980	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	1232000	49.132	ng	99
29) 2,4-Dichlorophenol	7.98	162	832553	49.818	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	873906	47.284	ng	99
31) Naphthalene	8.15	128	2720596	46.534	ng	99
32) Benzoic acid	7.91	122	679345	58.065	ng	97
33) 4-Chloroaniline	8.19	127	413085	15.420	ng	99
34) Hexachlorobutadiene	8.26	225	498905	48.247	ng	98
35) Caprolactam	8.57	113	300465m	54.935	ng	
36) 4-Chloro-3-methylphenol	8.67	107	911049	49.878	ng	98
37) 2-Methylnaphthalene	8.84	142	1883602	49.091	ng	98
38) 1-Methylnaphthalene	8.94	142	1797210	49.486	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	809015	45.784	ng	99

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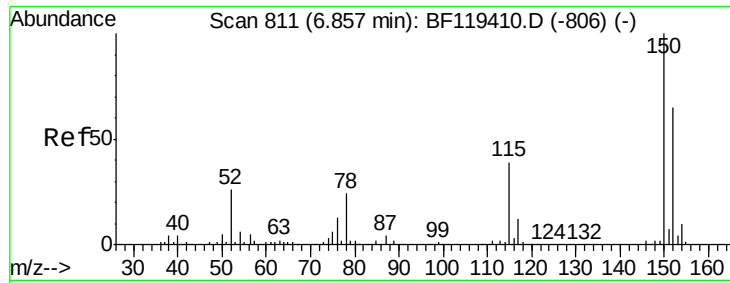
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 3/30/2020 8:50:57 AM

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 QLast Update : Thu Mar 26 16:30:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	998428	99.389	nq	97
43) 2,4,6-Trichlorophenol	9.12	196	638273	50.476	nq	98
44) 2,4,5-Trichlorophenol	9.16	196	648914	45.810	nq	97
46) 1,1'-Biphenyl	9.30	154	2247980	45.784	nq	99
47) 2-Chloronaphthalene	9.33	162	1791954	46.593	nq	99
48) 2-Nitroaniline	9.42	65	662076	49.874	nq	98
49) Acenaphthylene	9.75	152	2768765	45.843	nq	99
50) Dimethylphthalate	9.61	163	2419152	56.495	nq	99
51) 2,6-Dinitrotoluene	9.67	165	483776	52.708	nq	94
52) Acenaphthene	9.92	154	1974672	52.445	nq	99
53) 3-Nitroaniline	9.83	138	272937	23.554	nq	99
54) 2,4-Dinitrophenol	9.95	184	514413	125.023	nq	91
55) Dibenzofuran	10.09	168	2514403	46.578	nq	98
56) 4-Nitrophenol	10.00	139	867832	94.937	nq	98
57) 2,4-Dinitrotoluene	10.07	165	643914	55.691	nq	# 89
58) Fluorene	10.43	166	1943478	48.684	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	554769	52.394	nq	98
60) Diethylphthalate	10.32	149	2209849	50.847	nq	98
61) 4-Chlorophenyl-phenylether	10.43	204	944785	48.397	nq	97
62) 4-Nitroaniline	10.46	138	525179	47.264	nq	99
63) Azobenzene	10.59	77	2093785	47.841	nq	98
65) 4,6-Dinitro-2-methylphenol	10.48	198	339165	69.310	nq	88
66) n-Nitrosodiphenylamine	10.55	169	1812108	47.301	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	630728	47.457	nq	98
68) Hexachlorobenzene	10.98	284	674669	49.599	nq	99
69) Atrazine	11.08	200	570962	54.363	nq	96
70) Pentachlorophenol	11.17	266	767907	96.279	nq	100
71) Phenanthrene	11.40	178	2759694	45.606	nq	98
72) Anthracene	11.45	178	2867409	46.625	nq	98
73) Carbazole	11.60	167	2681223	44.046	nq	99
74) Di-n-butylphthalate	11.94	149	3392477	52.097	nq	99
75) Fluoranthene	12.59	202	3068097	46.850	nq	98
77) Benzidine	12.71	184	1782192	51.959	nq	97
78) Pyrene	12.82	202	3083641	46.360	nq	99
80) Butylbenzylphthalate	13.44	149	1501267	55.804	nq	99
81) Benzo(a)anthracene	14.01	228	2386935	45.289	nq	99
82) 3,3'-Dichlorobenzidine	13.97	252	548523	26.396	nq	97
83) Chrysene	14.04	228	2535406	46.613	nq	98
84) Bis(2-ethylhexyl)phthalate	14.00	149	1940085	60.495	nq	99
85) Di-n-octyl phthalate	14.62	149	3410138	60.462	nq	98
86) Indeno(1,2,3-cd)pyrene	16.95	276	2302458	44.946	nq	97
88) Benzo(b)fluoranthene	15.06	252	2506408	48.643	nq	99
89) Benzo(k)fluoranthene	15.09	252	2343043	47.755	nq	100
90) Benzo(a)pyrene	15.42	252	2153400	45.986	nq	99
91) Dibenzo(a,h)anthracene	16.97	278	1884006	45.998	nq	98
92) Benzo(g,h,i)perylene	17.40	276	1869699	45.439	nq	96

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



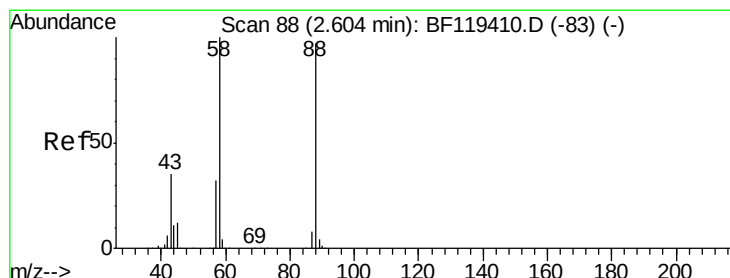
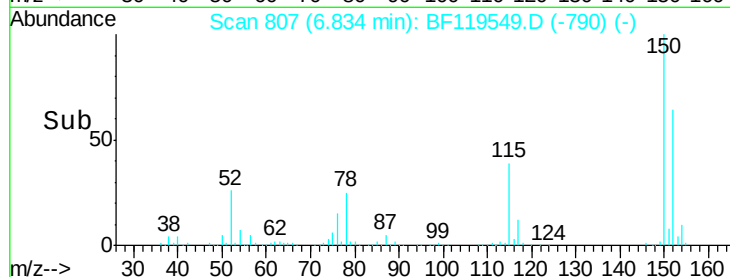
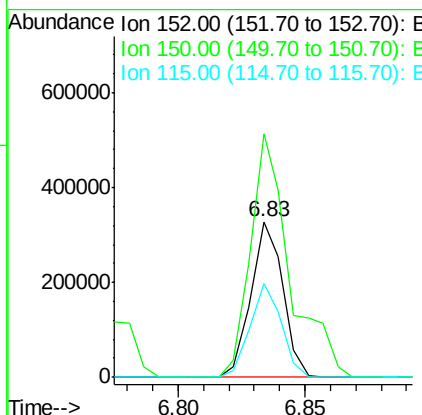
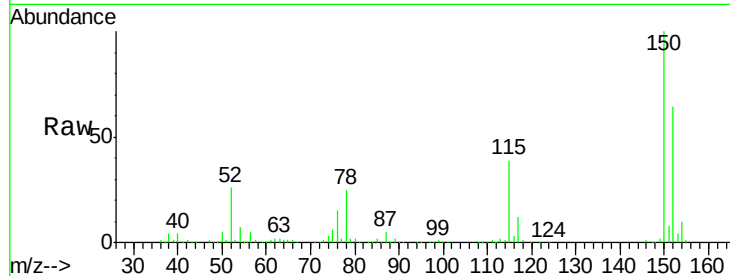
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	123.9	185.9
115	60.6	47.8	71.6

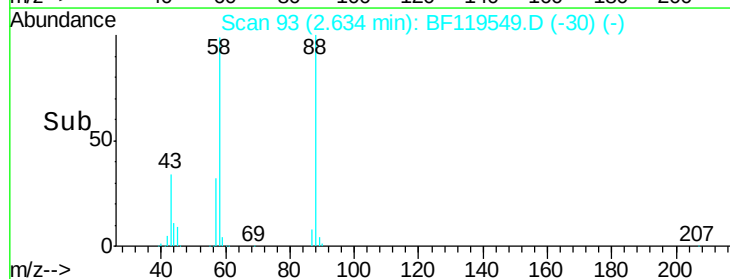
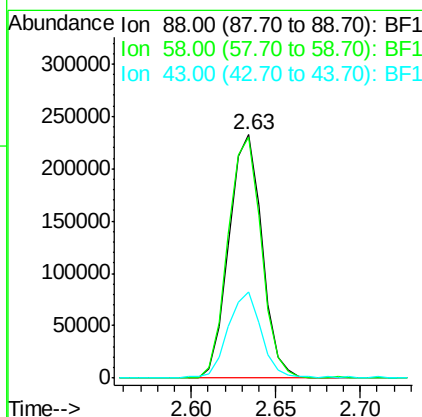
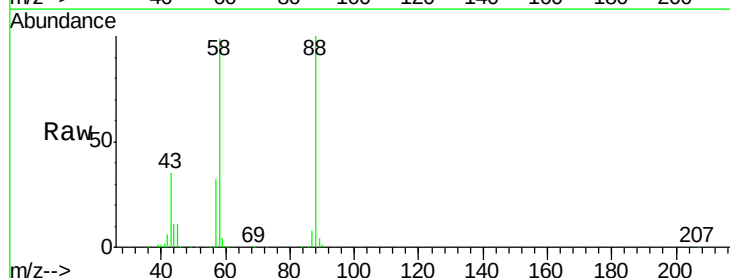
Manual Integrations
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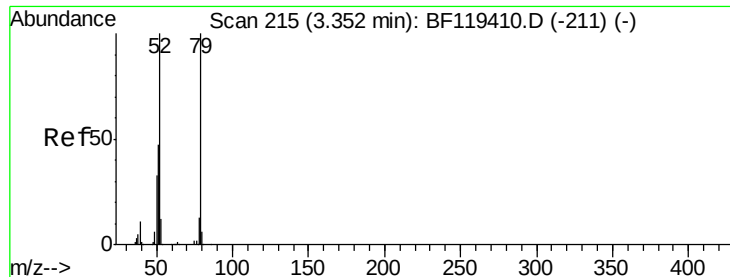
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#2
 1,4-Dioxane
 Concen: 35.516 ng
 RT: 2.63 min Scan# 93
 Delta R.T. 0.07 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.0	79.4	119.2
43	34.6	28.4	42.6





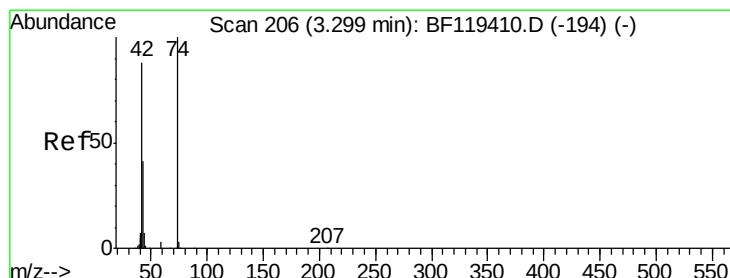
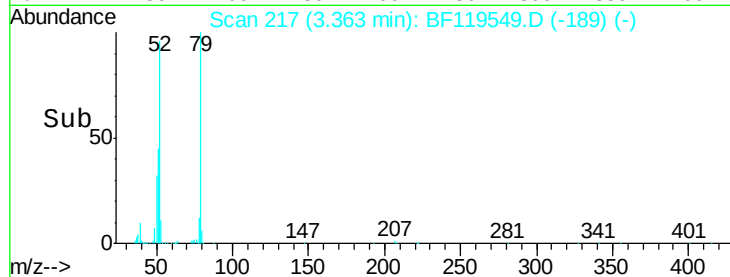
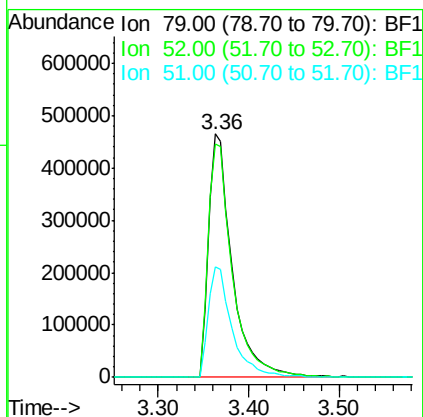
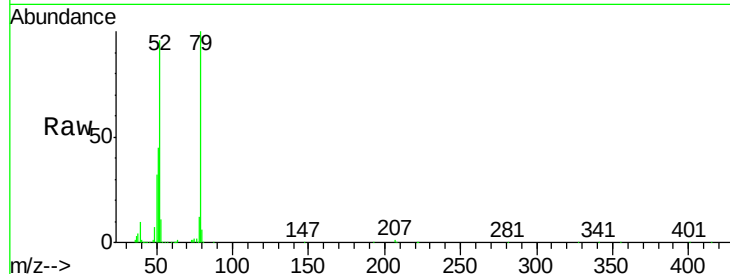
#3
 Pvridine
 Concen: 34.716 ng
 RT: 3.36 min Scan# 217
 Delta R.T. 0.06 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	95.7	80.0	120.0
51	45.4	37.9	56.9

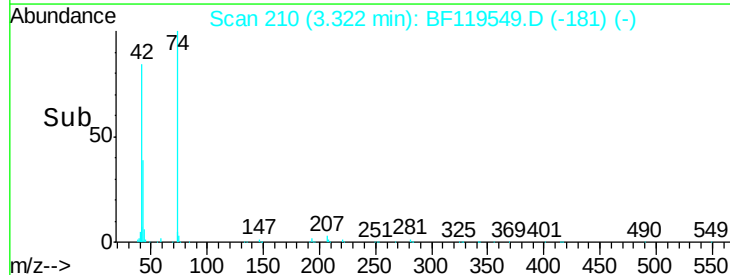
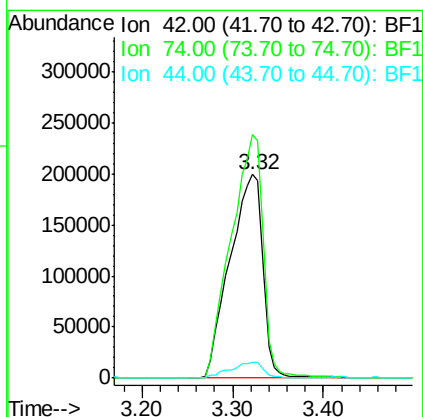
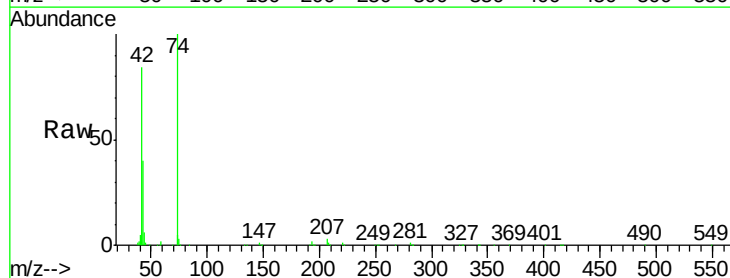
Manual Integrations
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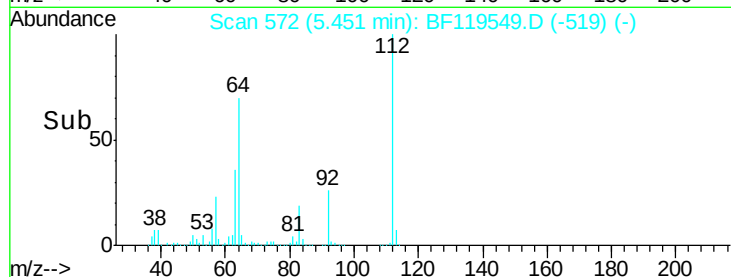
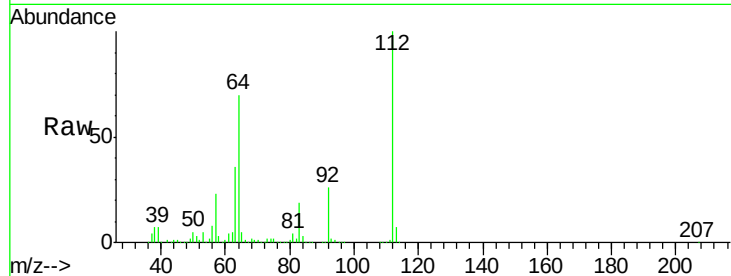
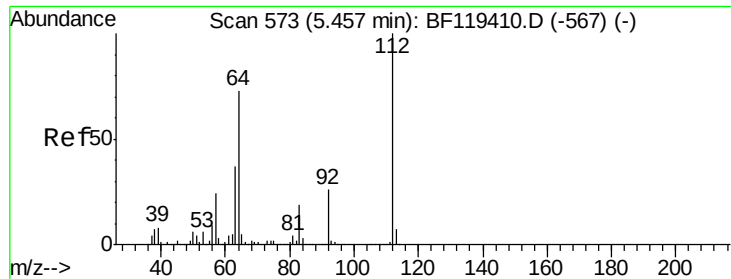
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#4
 n-Nitrosodimethylamine
 Concen: 42.021 ng
 RT: 3.32 min Scan# 210
 Delta R.T. 0.07 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Tgt Ion	Ratio	Lower	Upper
42	100		
74	119.5	91.3	136.9
44	7.6	7.1	10.7





#5

2-Fluorophenol

Concen: 83.400 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

Tot Ion:	112	Resp:	1499870
Ion	Ratio	Lower	Upper
112	100		
64	70.4	58.1	87.1
63	35.7	29.7	44.5

Instrument :

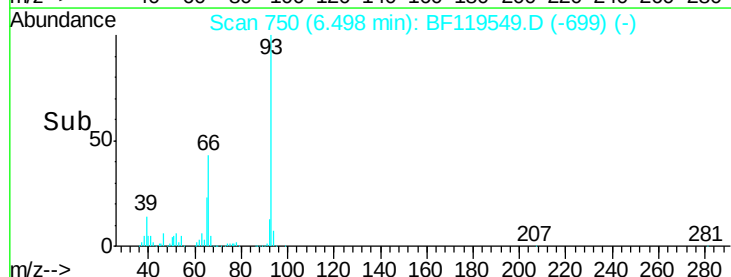
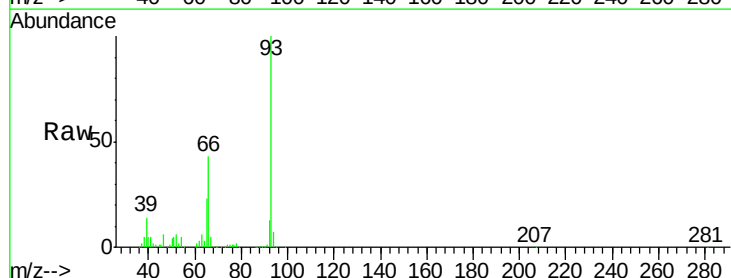
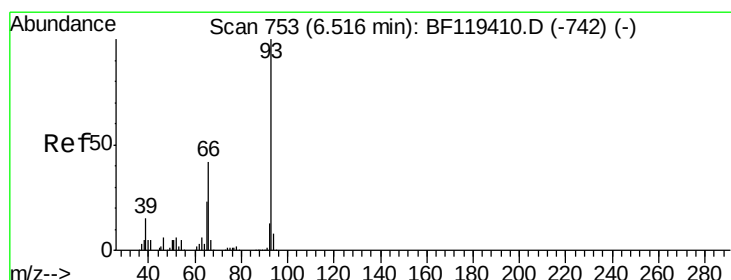
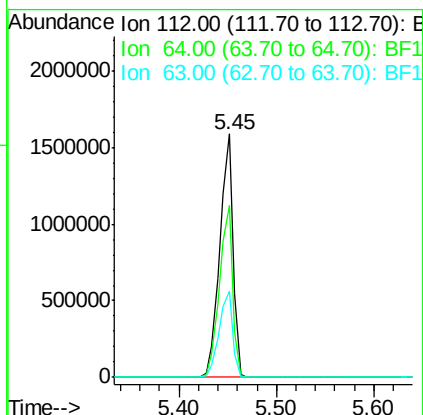
BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

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#6

Aniline

Concen: 35.873 ng

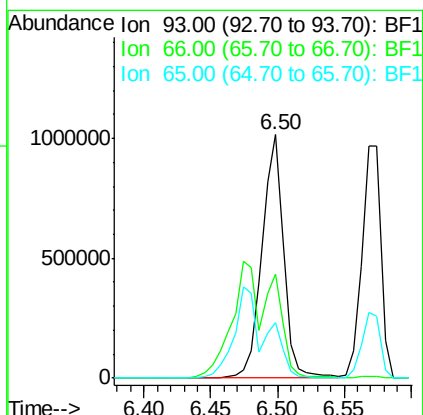
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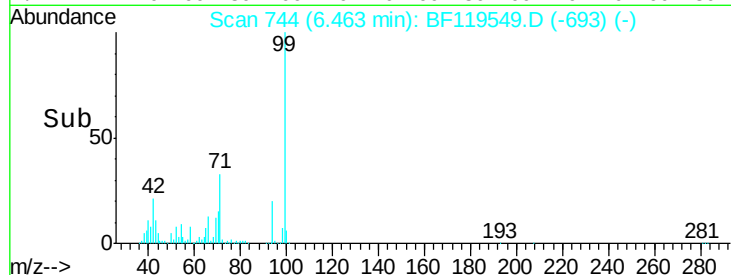
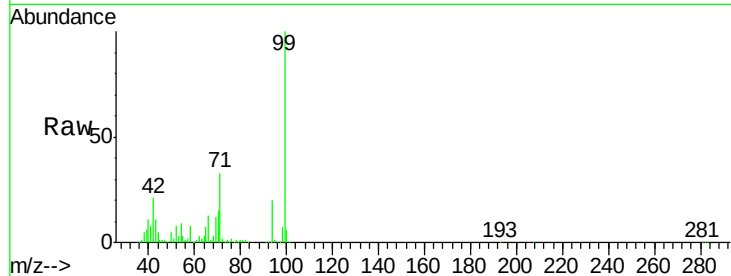
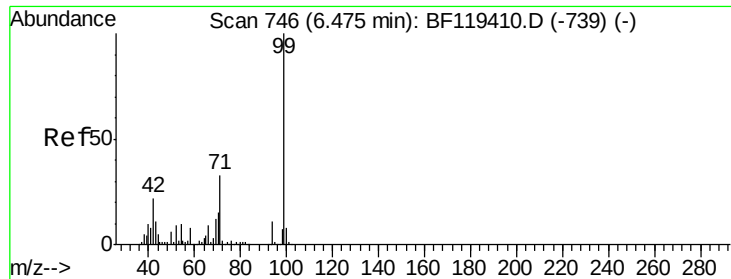
Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

Tgt Ion:	93	Resp:	1137419
Ion	Ratio	Lower	Upper
93	100		
66	43.0	34.2	51.4
65	23.0	18.2	27.4





#7

Phenol-d6

Concen: 86.758 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

Tot Ion: 99 Resp: 1993122

Ion Ratio Lower Upper

99 100

42 21.0 17.8 26.6

71 33.4 26.0 39.0

Instrument :

BNA_F

ClientSampleId :

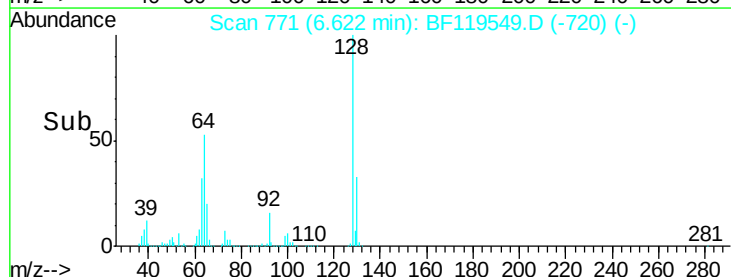
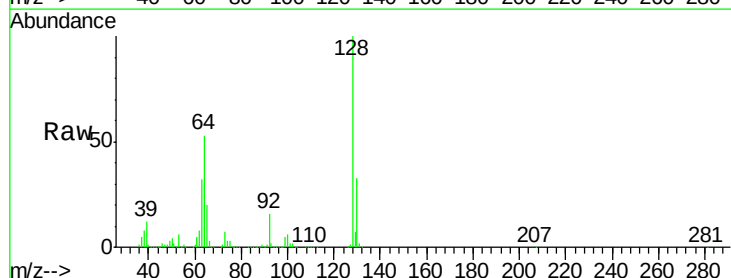
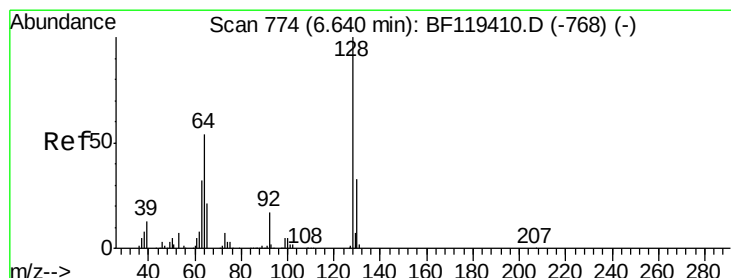
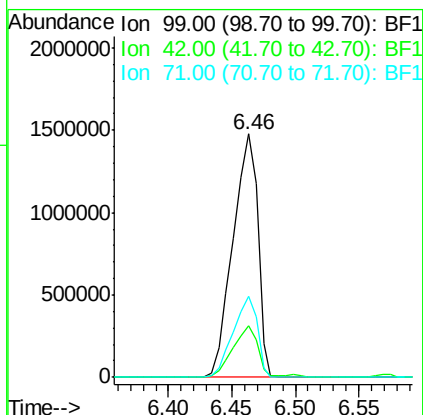
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#8

2-Chlorophenol

Concen: 52.333 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

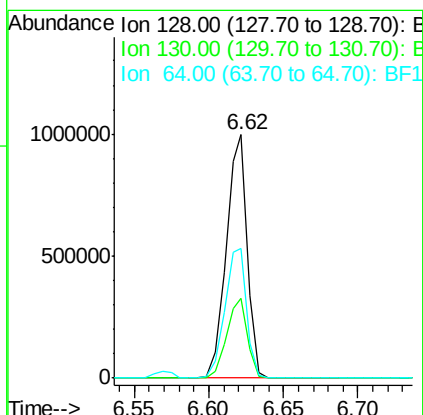
Tgt Ion: 128 Resp: 988484

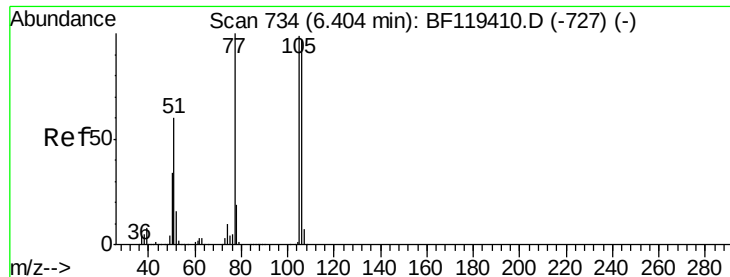
Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

64 53.1 35.1 75.1





#9

Benzaldehyde

Concen: 41.724 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

Tot Ion: 77 Resp: 608073

Ion Ratio Lower Upper

77 100

105 97.8 78.6 118.6

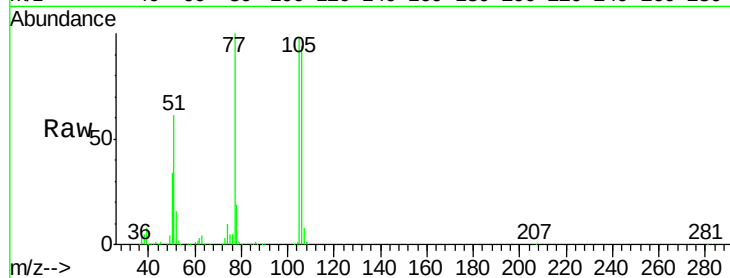
106 93.8 76.5 116.5

Manual Integrations

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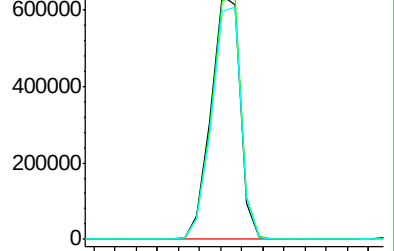


Abundance Ion 77.00 (76.70 to 77.70): BF1

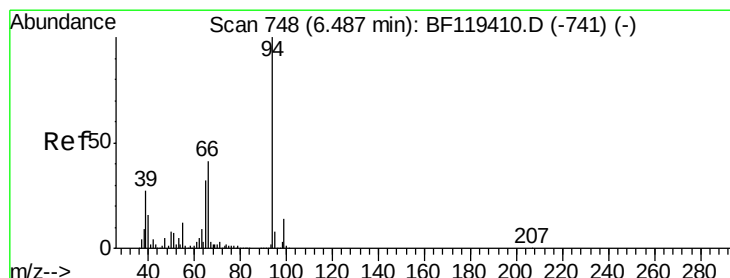
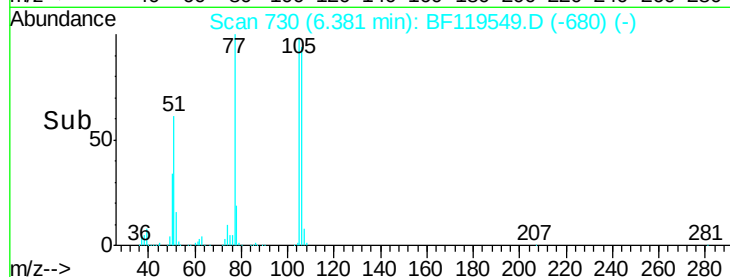
Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

6.38



Time-->



#10

Phenol

Concen: 52.186 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

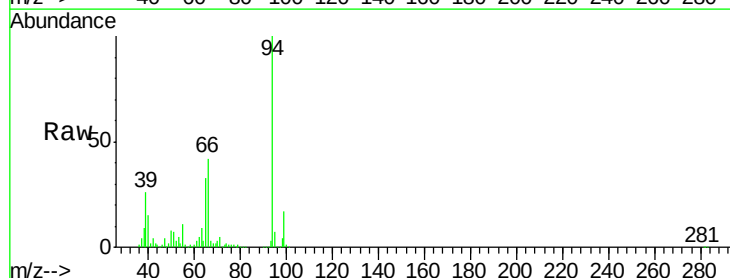
Tgt Ion: 94 Resp: 1279238

Ion Ratio Lower Upper

94 100

65 33.0 12.0 52.0

66 41.8 20.6 60.6

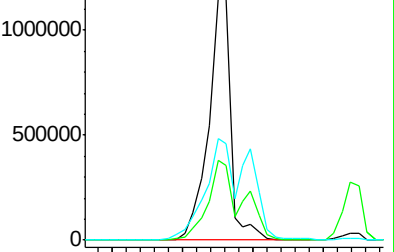


Abundance Ion 94.00 (93.70 to 94.70): BF1

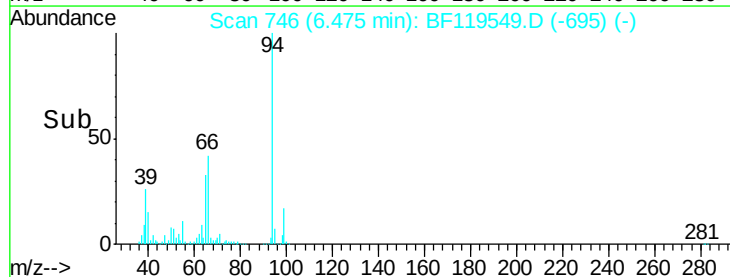
Ion 65.00 (64.70 to 65.70): BF1

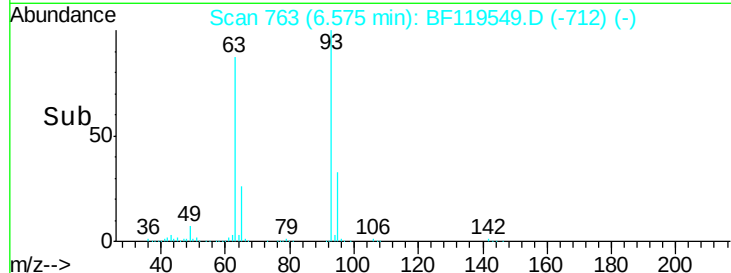
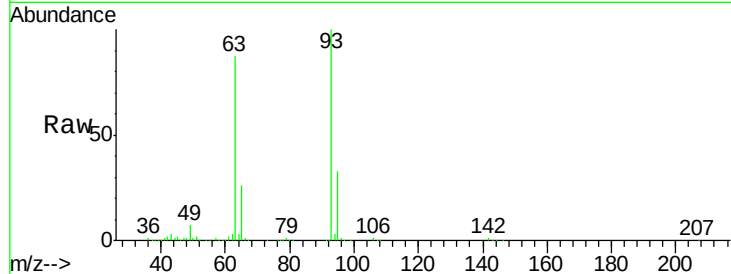
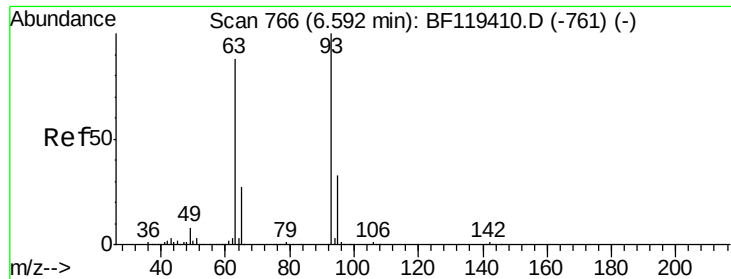
Ion 66.00 (65.70 to 66.70): BF1

6.47



Time-->





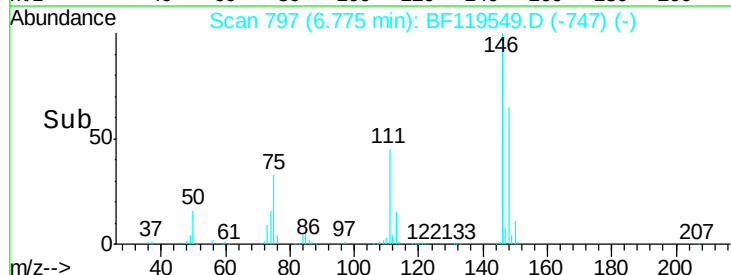
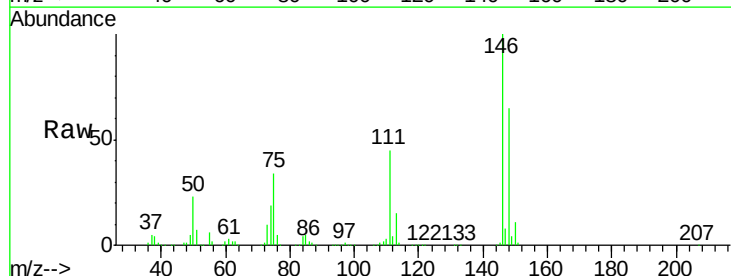
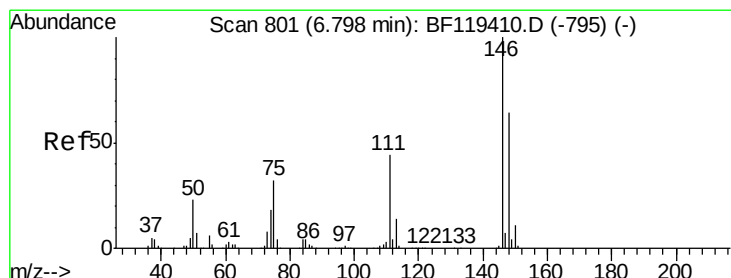
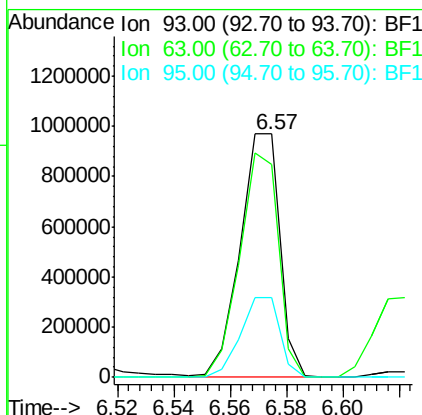
#11
bis(2-Chloroethyl)ether
Concen: 48.313 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.5	68.4	108.4
95	32.7	13.4	53.4

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

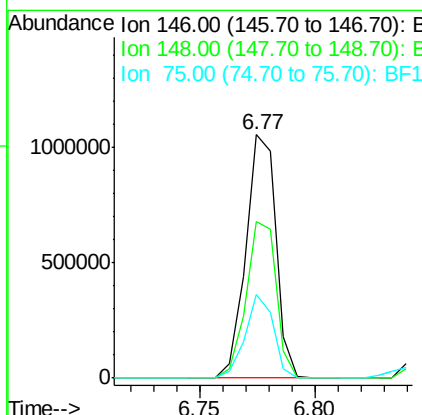
Manual Integrations
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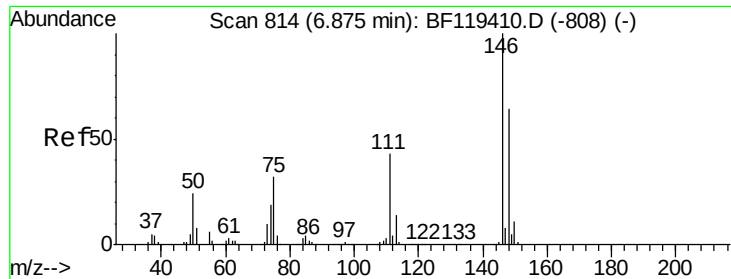
mohammad
3/30/2020 8:50:57 AM



#12
1,3-Dichlorobenzene
Concen: 47.113 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.4	77.0
75	34.1	25.8	38.8





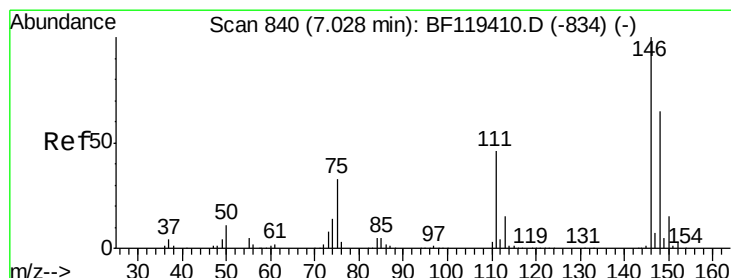
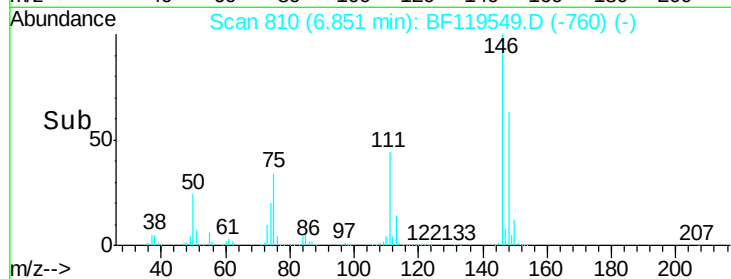
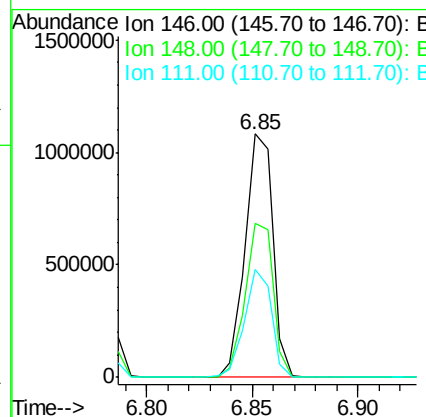
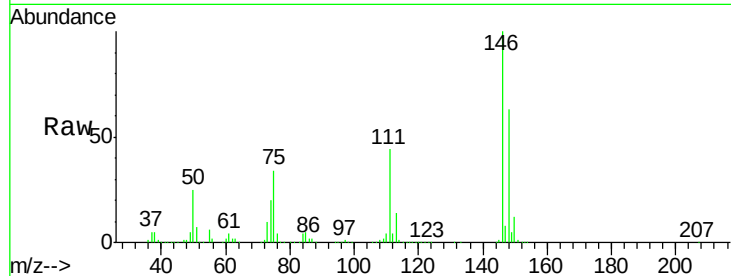
#13
1,4-Dichlorobenzene
Concen: 48.230 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.9	76.3
111	44.2	34.6	52.0

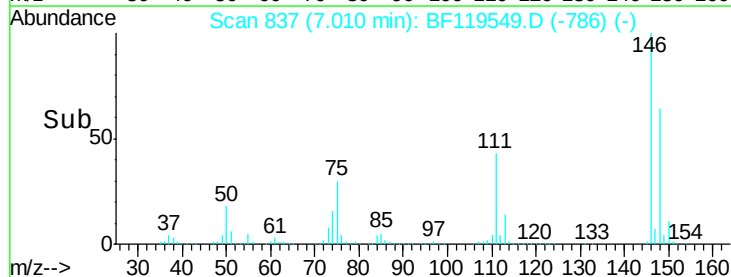
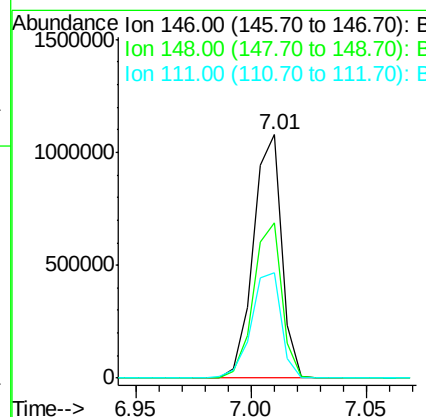
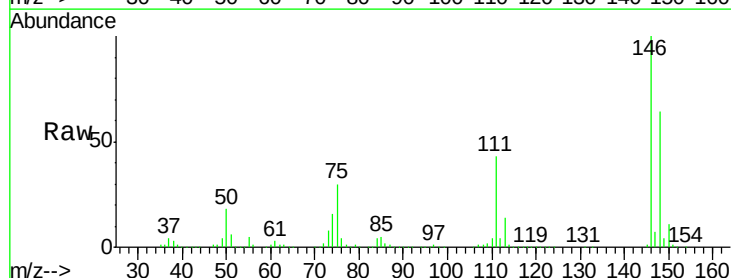
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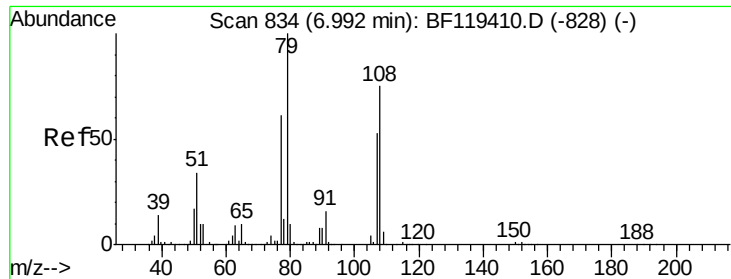
mohammad
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#14
1,2-Dichlorobenzene
Concen: 48.459 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.7	77.5
111	43.3	36.4	54.6





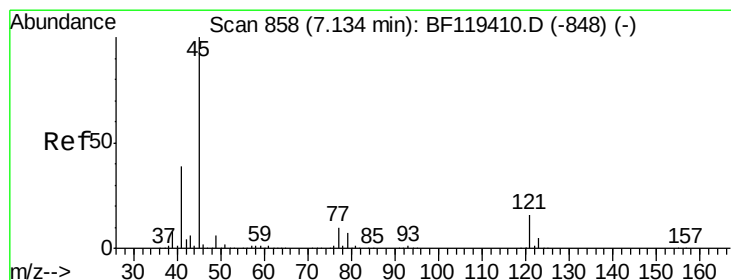
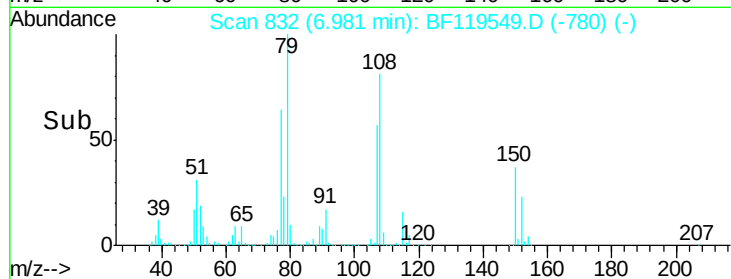
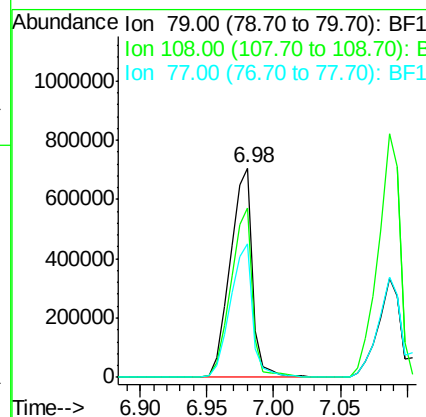
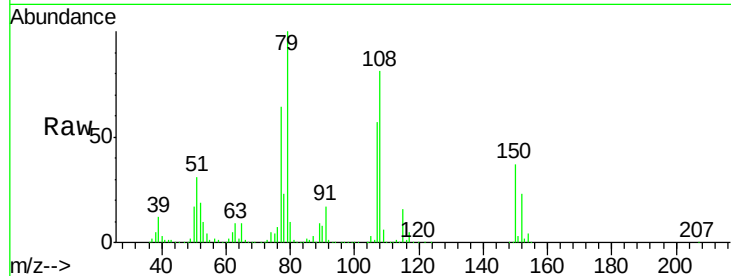
#15
Benzyl Alcohol
Concen: 48.360 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.9	60.4	90.6
77	63.8	49.0	73.4

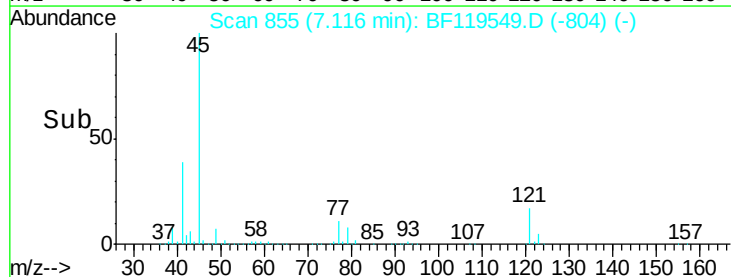
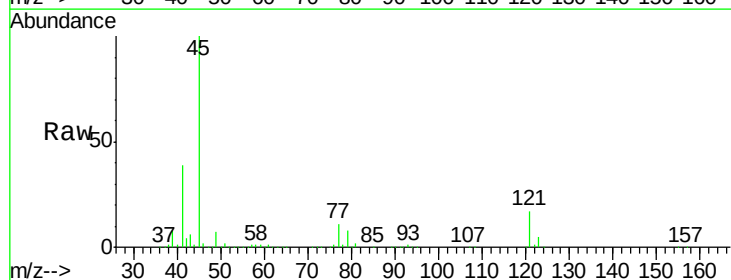
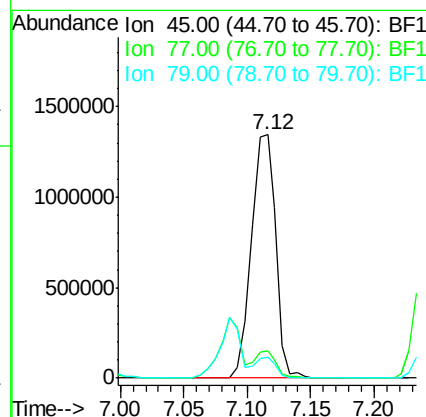
Manual Integrations
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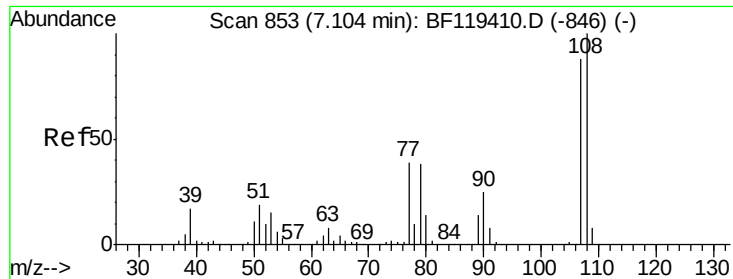
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.507 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	30.1
79	8.4	0.0	27.4





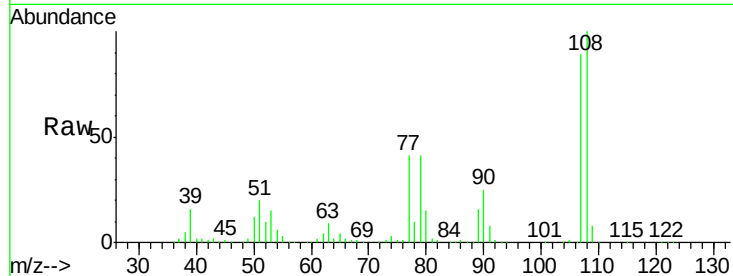
#17
2-Methylphenol
Concen: 46.363 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

Tot Ion	107	Resp	802364
Ion Ratio	Lower	Upper	
107	100		
108	112.7	90.7	136.1
77	46.1	35.6	53.4
79	45.8	34.7	52.1

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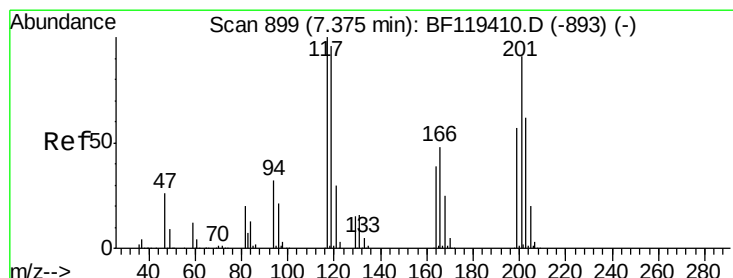
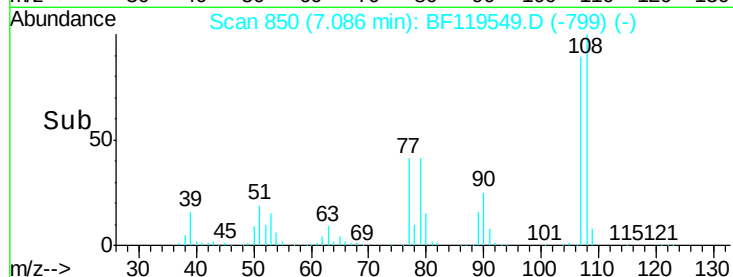
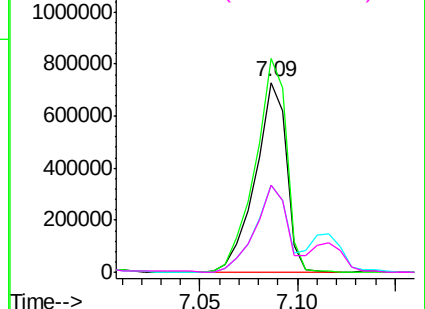
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

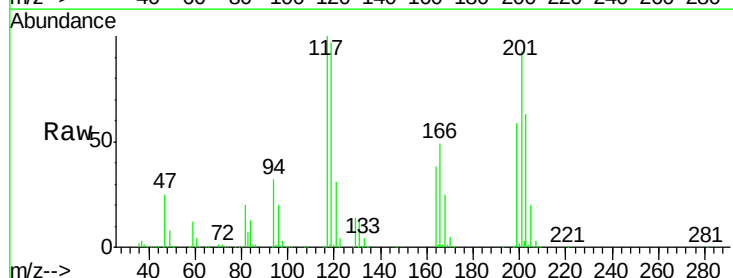
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 49.876 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tgt Ion	117	Resp	373744
Ion Ratio	Lower	Upper	
117	100		
119	97.0	76.8	115.2
201	93.4	72.5	108.7

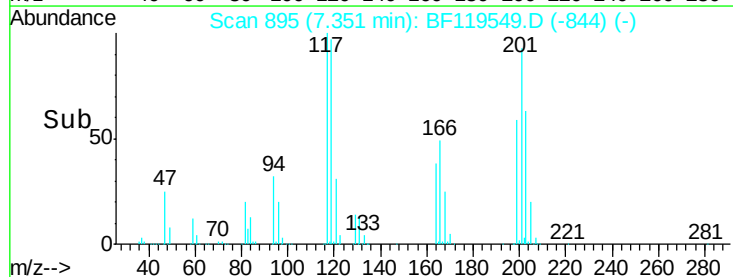
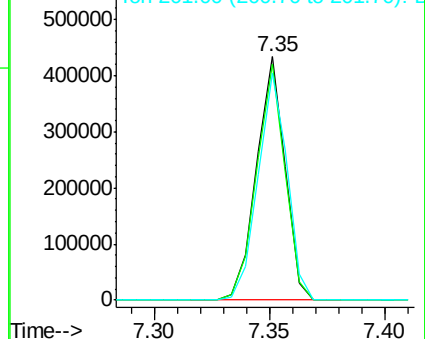


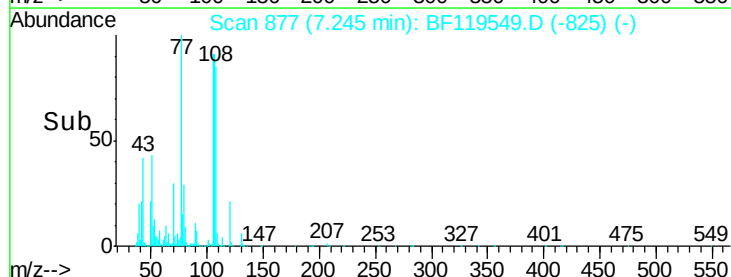
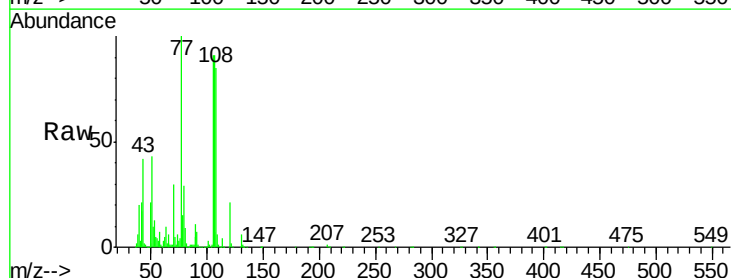
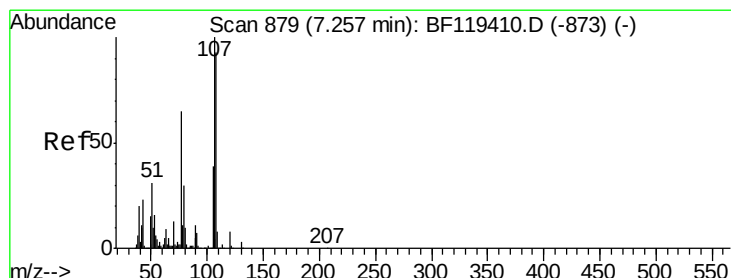
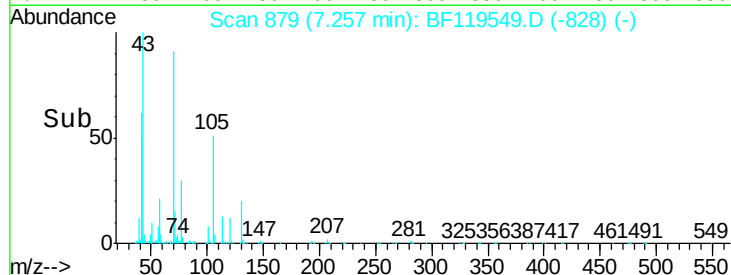
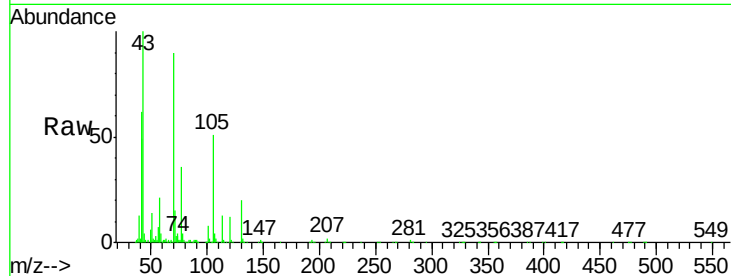
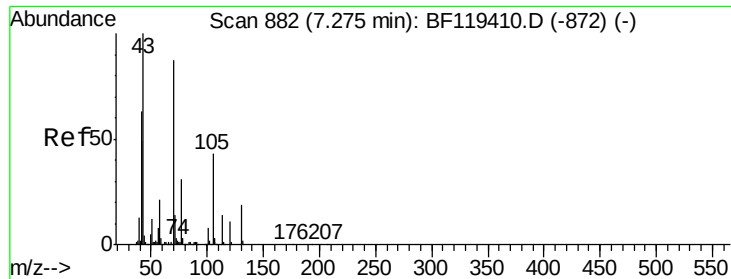
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

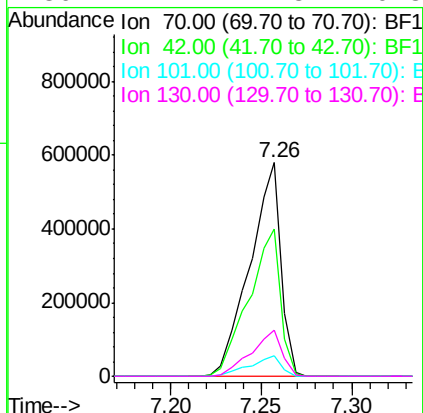
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 49.939 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.9	58.2	87.4
101	9.3	7.4	11.2
130	21.7	17.8	26.8



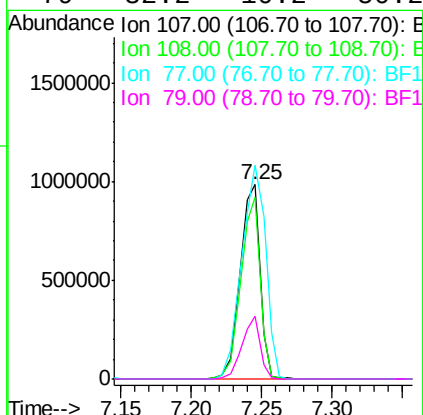
Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

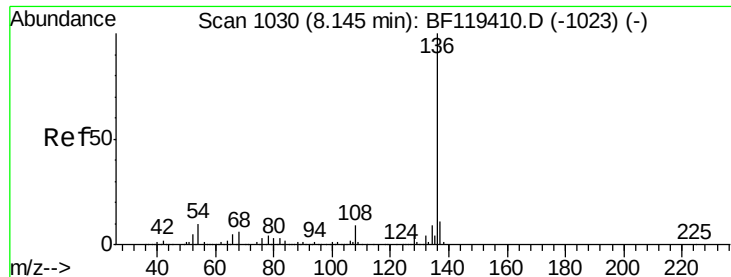
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#20
3+4-Methylphenols
Concen: 45.523 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.5	72.6	112.6
77	109.9	44.7	84.7
79	32.2	10.2	50.2





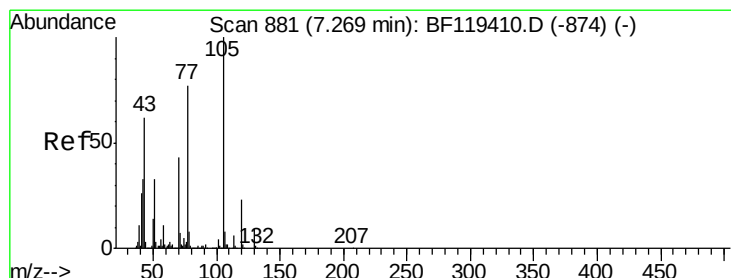
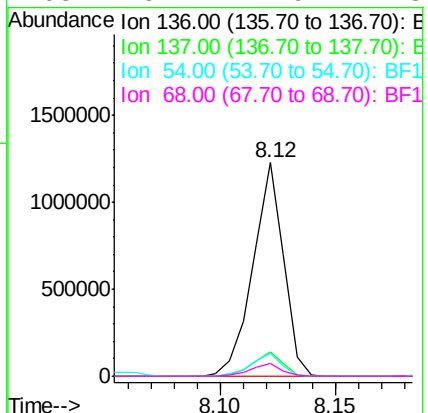
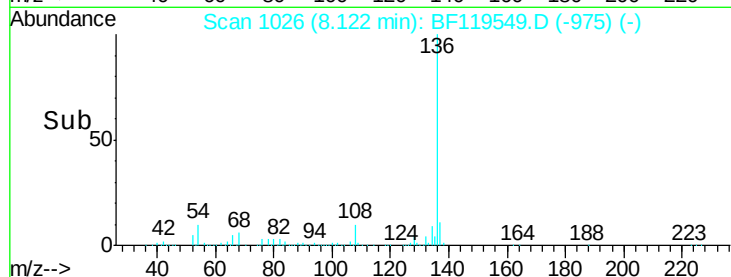
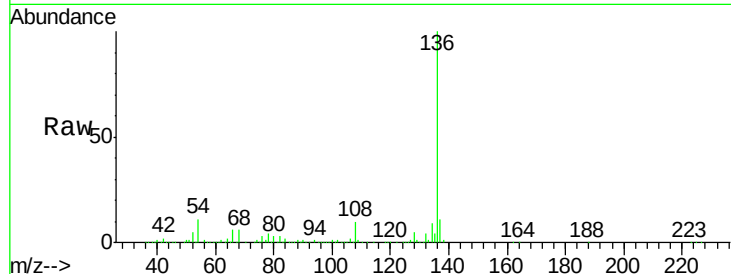
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

Tot Ion	136	Resp	1136093
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	10.5	8.3	12.5
68	5.7	4.9	7.3

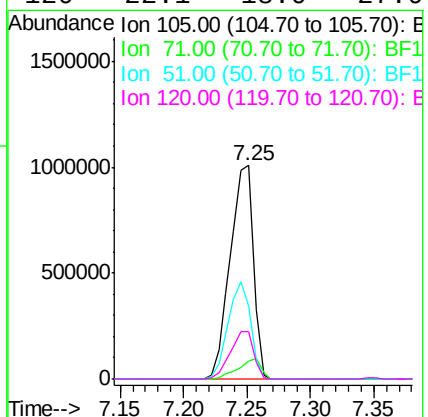
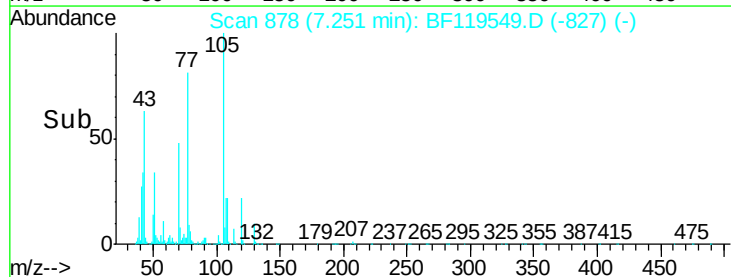
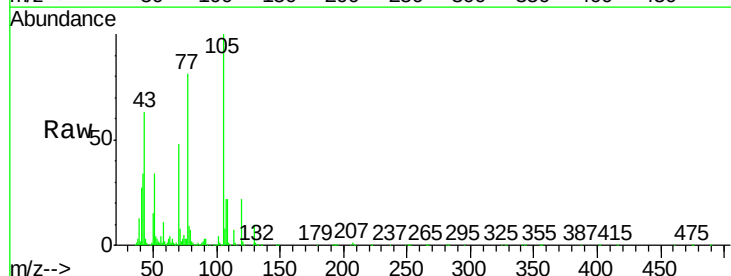
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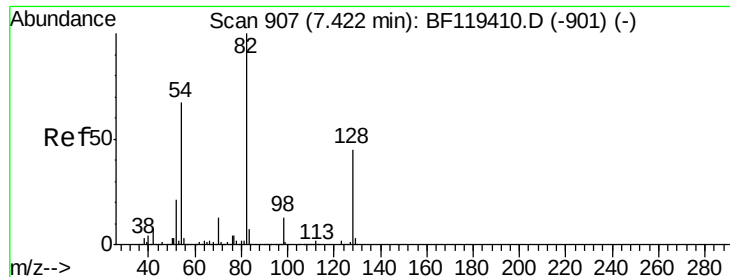
mohammad
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#22
Acetophenone
Concen: 46.882 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tgt Ion	105	Resp	1272692
Ion	Ratio	Lower	Upper
105	100		
71	8.3	5.8	8.6
51	34.1	26.8	40.2
120	22.1	18.0	27.0





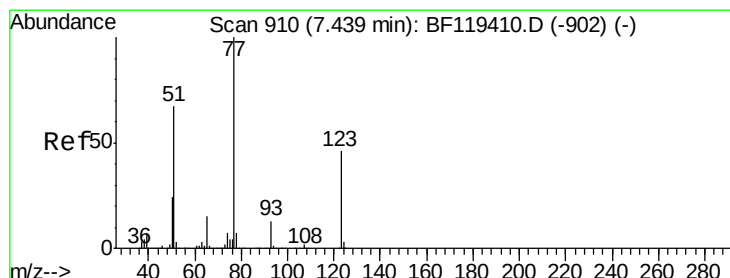
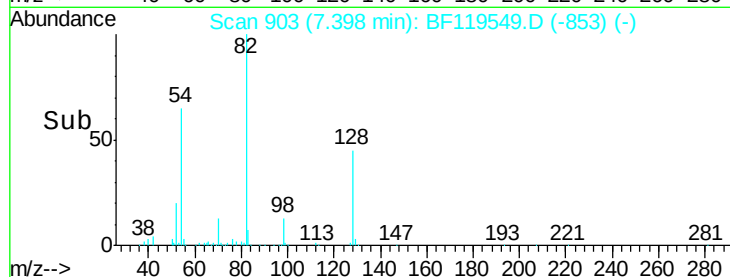
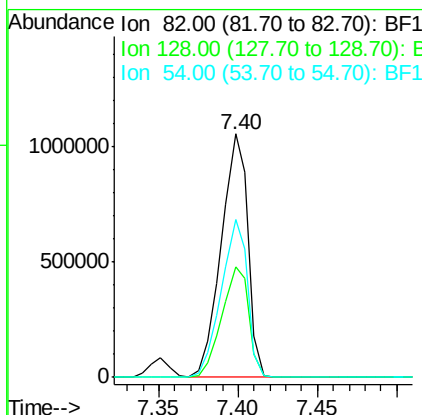
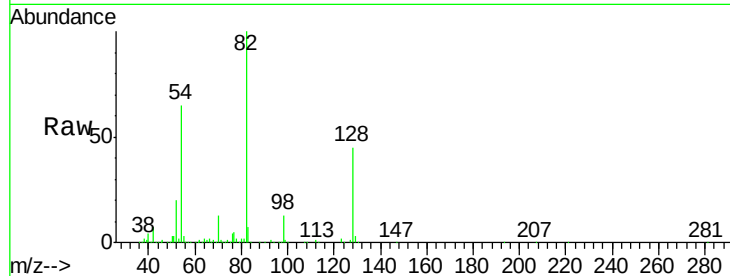
#23
 Nitrobenzene-d5
 Concen: 58.907 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MSD

Tot Ion	82	Resp	1231405
Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.8	53.8
54	64.7	53.4	80.0

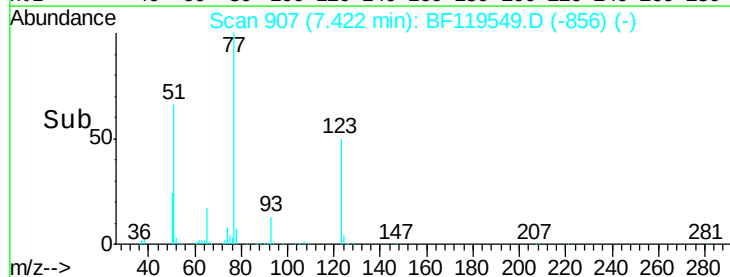
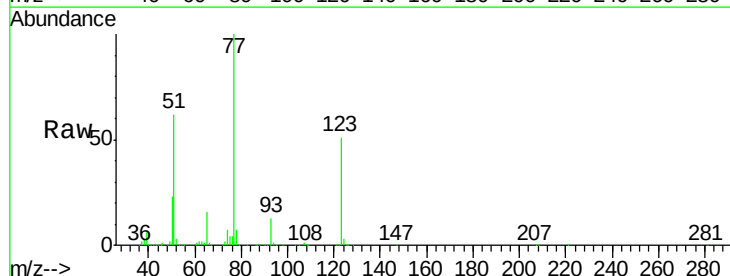
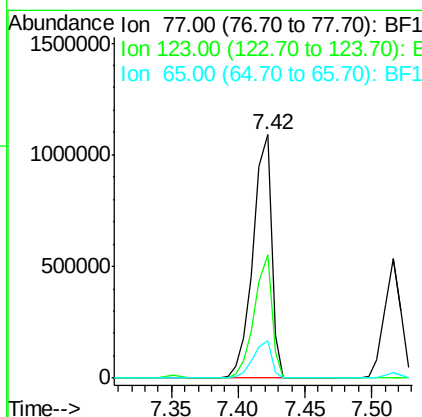
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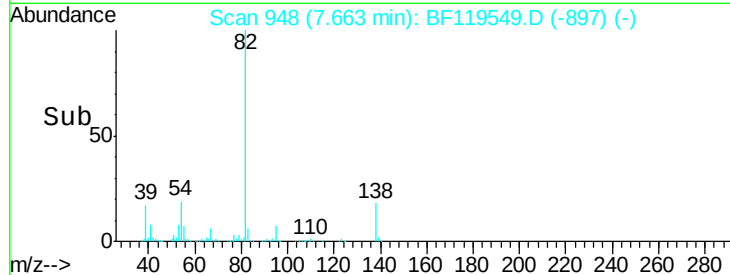
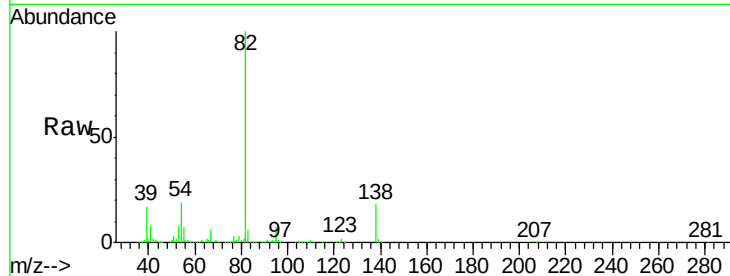
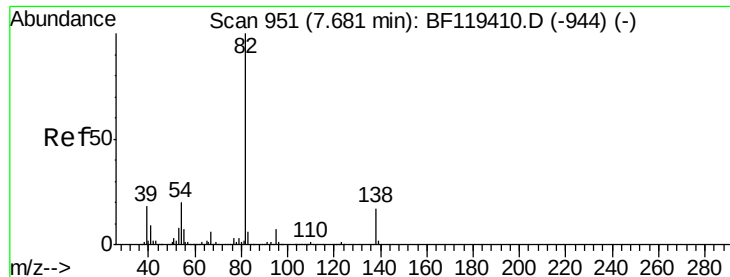
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#24
 Nitrobenzene
 Concen: 46.346 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Tgt Ion	77	Resp	1035375
Ion	Ratio	Lower	Upper
77	100		
123	50.7	36.9	55.3
65	15.5	12.2	18.4





#25

Isophorone

Concen: 46.297 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

Tot Ion: 82 Resp: 1963213

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

138 17.8 13.8 20.8

Instrument :

BNA_F

ClientSampleId :

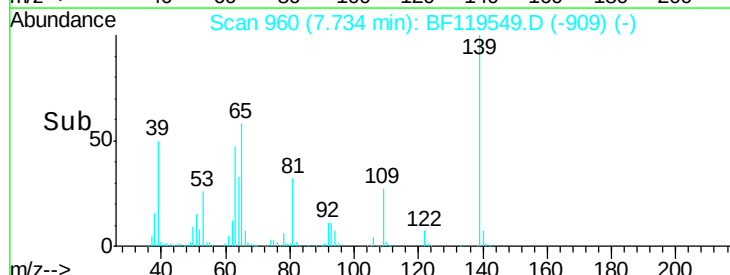
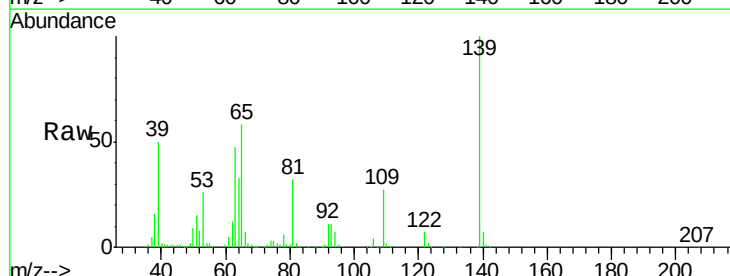
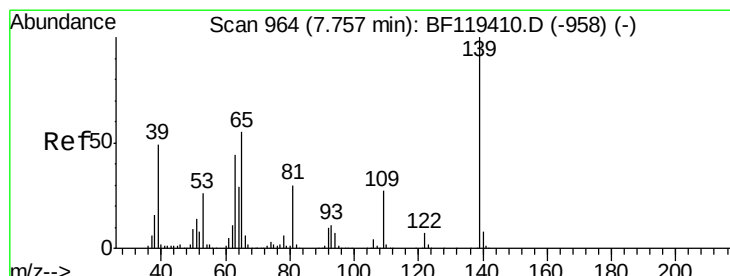
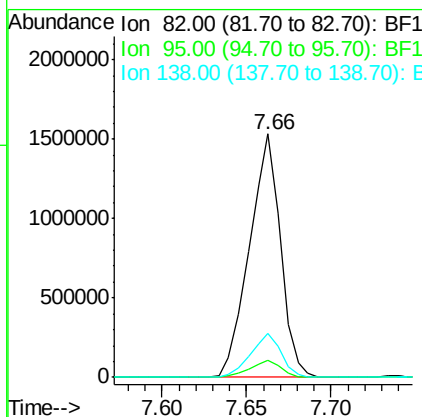
SB-30-(8-8.5)MSD

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#26

2-Nitrophenol

Concen: 60.945 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

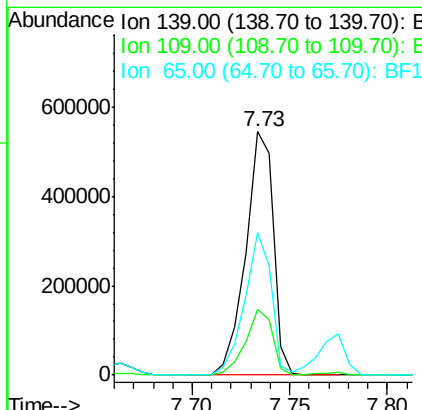
Tgt Ion:139 Resp: 536076

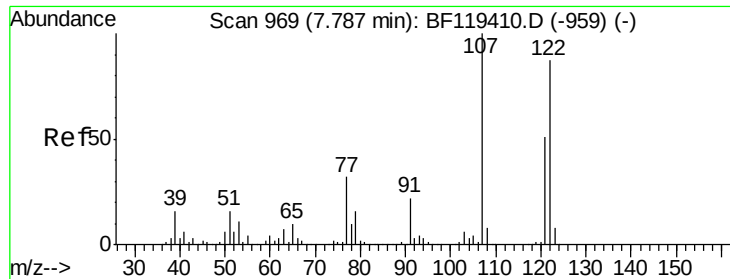
Ion Ratio Lower Upper

139 100

109 27.1 21.7 32.5

65 58.3 43.9 65.9





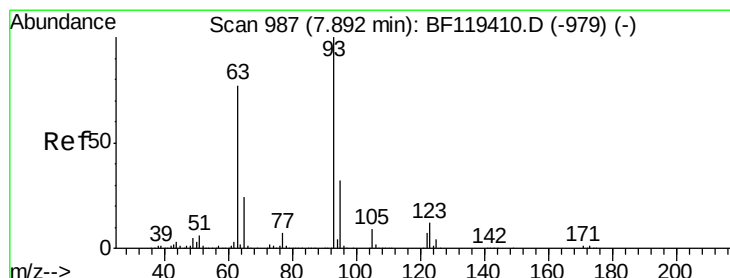
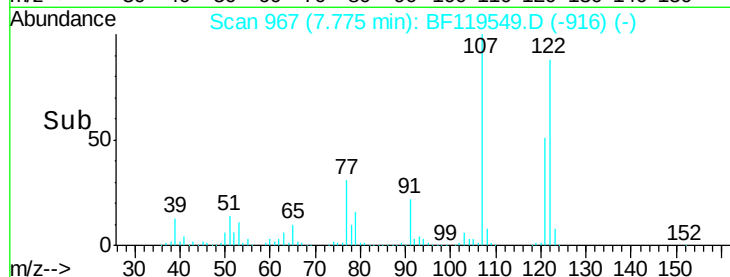
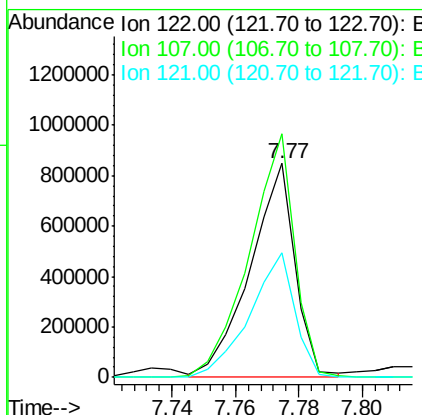
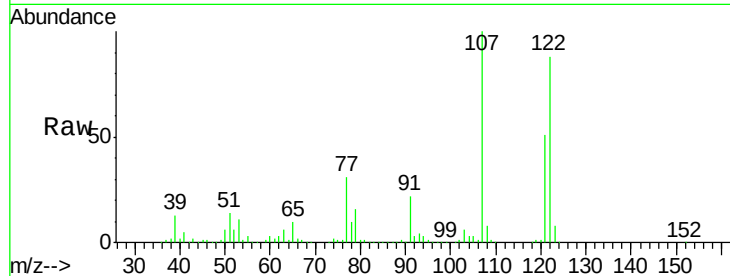
#27
2,4-Dimethylphenol
Concen: 45.980 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.7	91.8	137.6
121	58.1	46.5	69.7

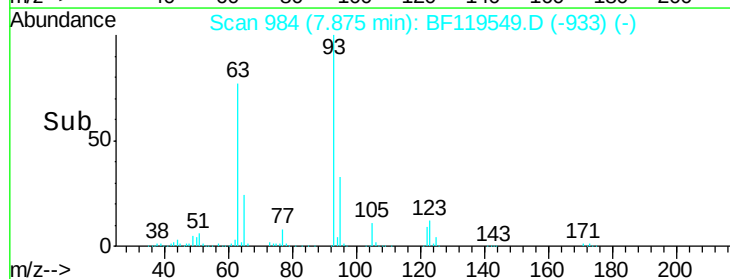
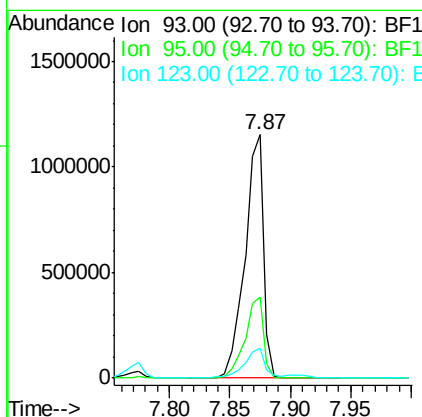
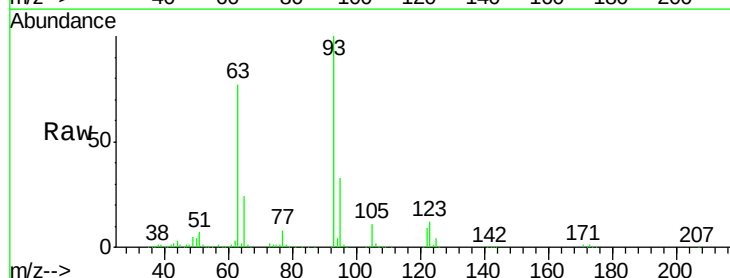
Manual Integrations
APPROVED

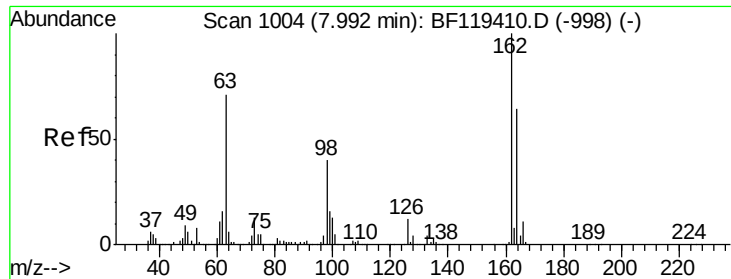
mohammad
3/30/2020 8:50:57 AM



#28
bis(2-Chloroethoxy)methane
Concen: 49.132 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.0	39.0
123	12.3	9.7	14.5





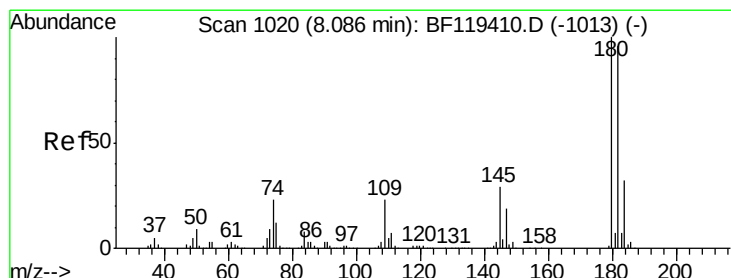
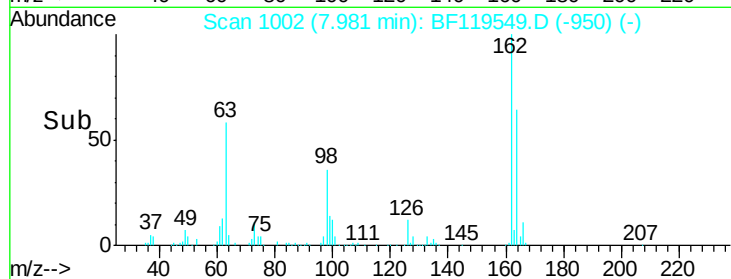
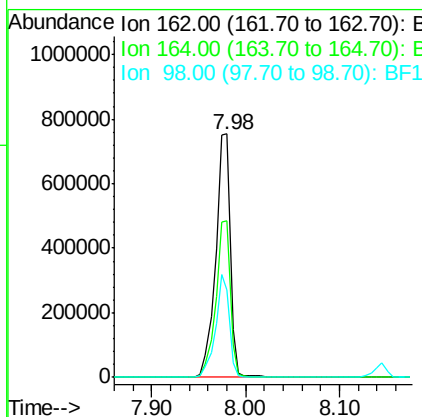
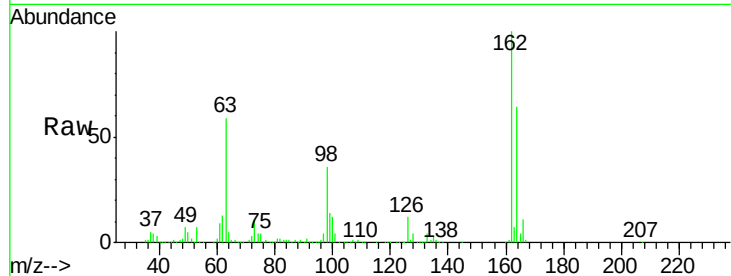
#29
 2,4-Dichlorophenol
 Concen: 49.818 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MSD

Tot Ion:	162	Resp:	832553
Ion Ratio	Lower	Upper	
162	100		
164	64.3	43.6	83.6
98	36.2	20.4	60.4

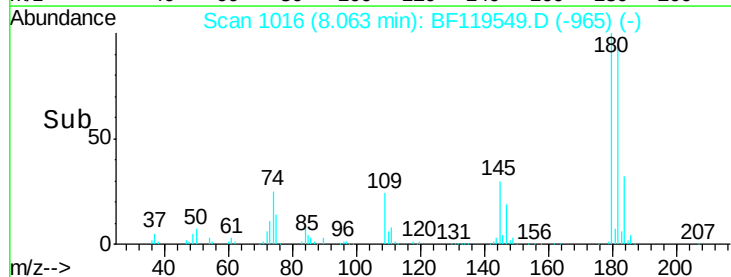
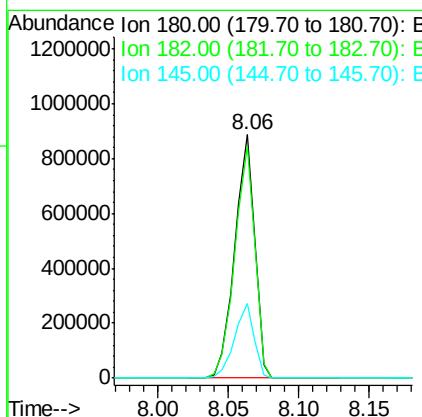
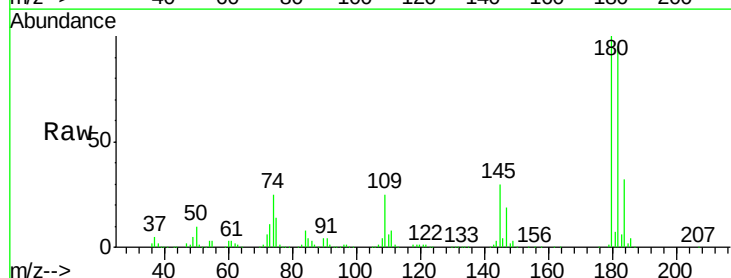
Manual Integrations
 APPROVED

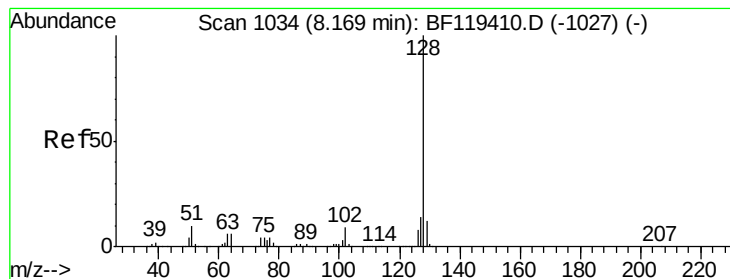
mohammad
 3/30/2020 8:50:57 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 47.284 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Tgt Ion:	180	Resp:	873906
Ion Ratio	Lower	Upper	
180	100		
182	95.5	76.6	115.0
145	30.5	23.2	34.8





#31

Naphthalene

Concen: 46.534 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

Tot Ion:128 Resp: 2720596

Ion Ratio Lower Upper

128 100

129 12.1 9.3 13.9

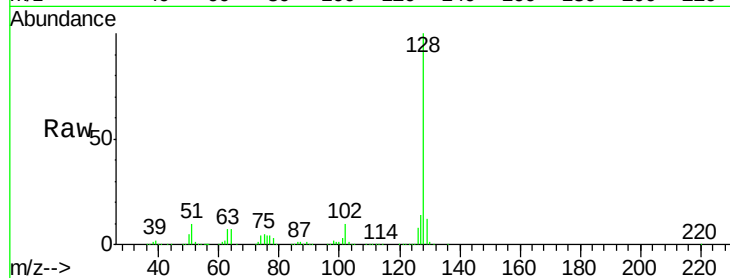
127 14.2 11.0 16.4

Manual Integrations

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mohammad

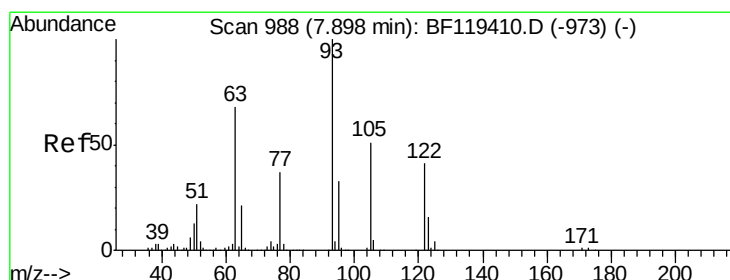
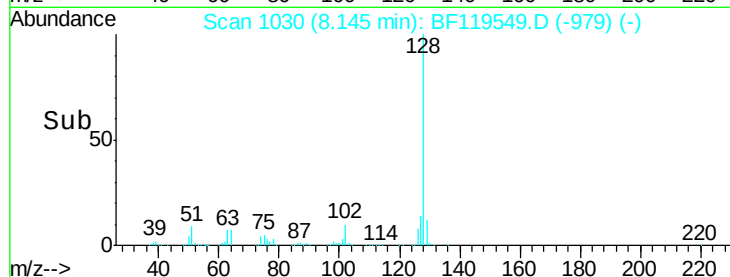
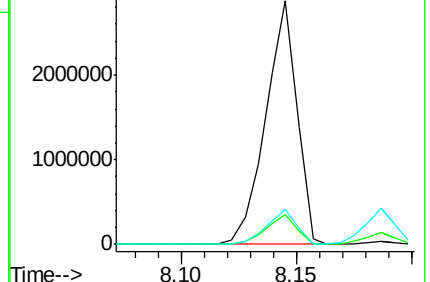
3/30/2020 8:50:57 AM



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: 58.065 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.01 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

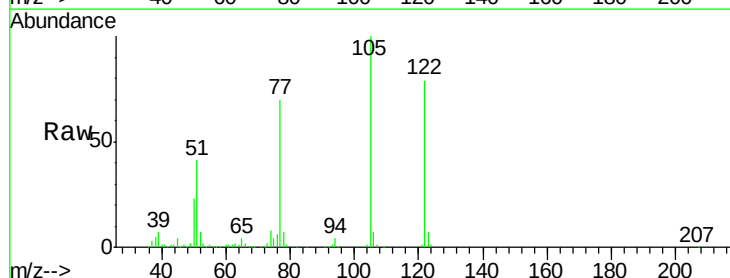
Tgt Ion:122 Resp: 679345

Ion Ratio Lower Upper

122 100

105 127.3 102.9 142.9

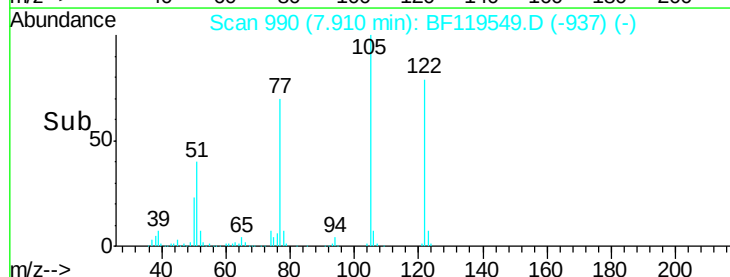
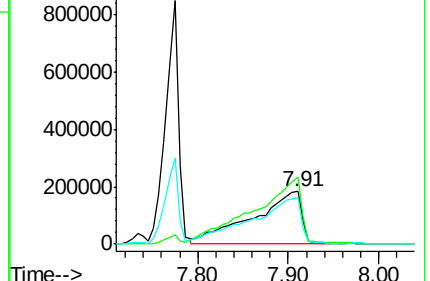
77 89.4 70.1 110.1

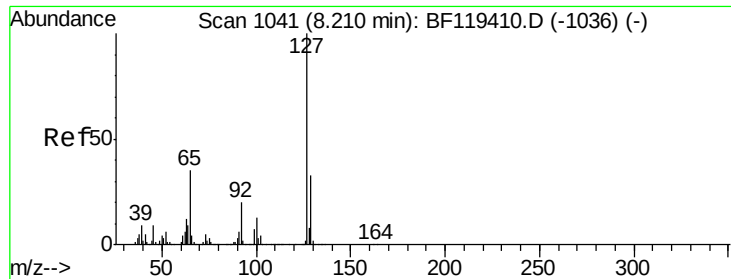


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





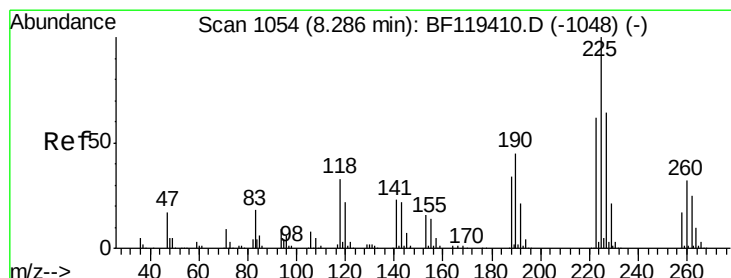
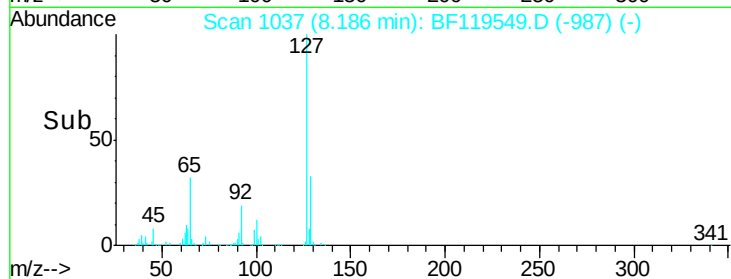
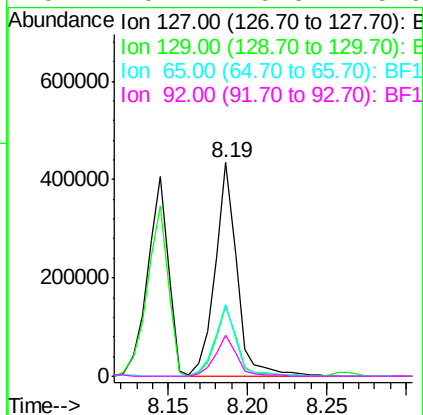
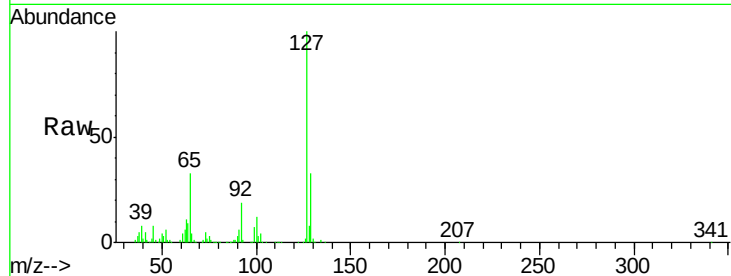
#33
4-Chloroaniline
Concen: 15.420 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		413085		
129	33.0	26.2	39.4		
65	33.4	27.7	41.5		
92	19.4	15.8	23.6		

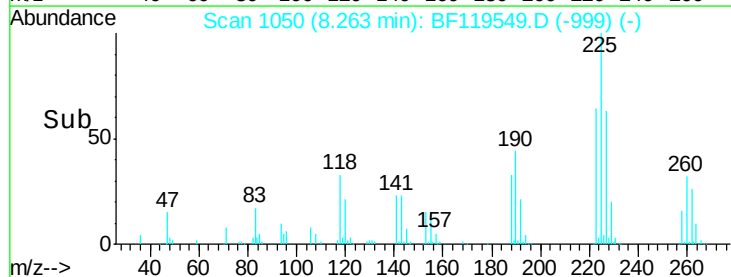
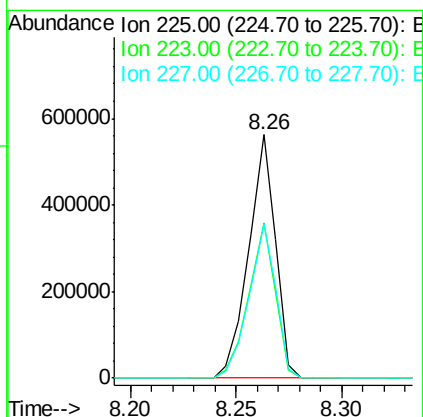
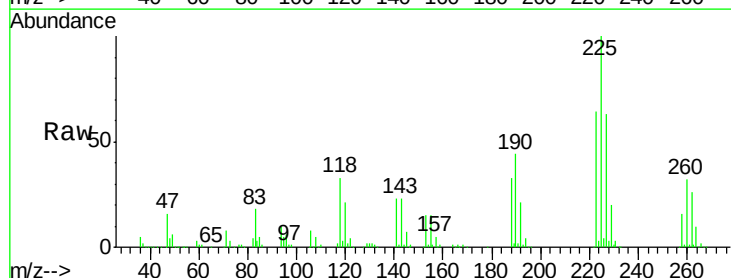
Manual Integrations
APPROVED

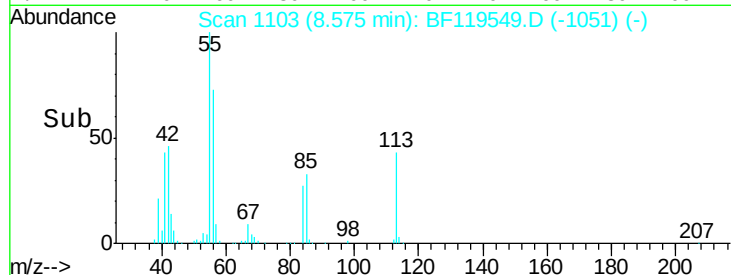
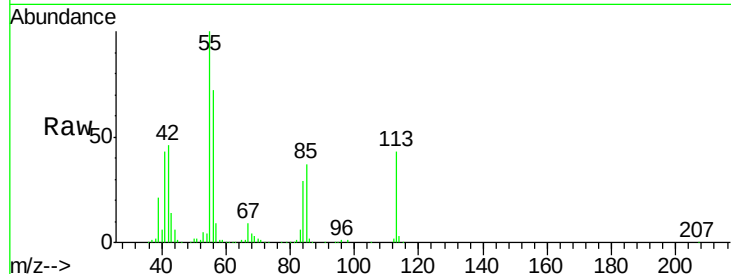
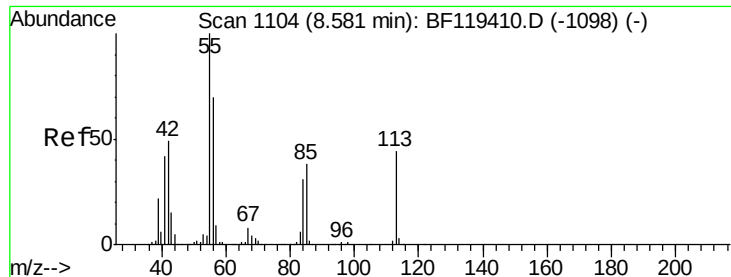
mohammad
3/30/2020 8:50:57 AM



#34
Hexachlorobutadiene
Concen: 48.247 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		498905		
223	63.9	49.2	73.8		
227	63.2	51.1	76.7		





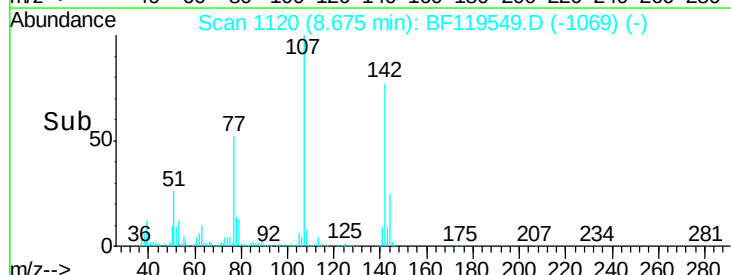
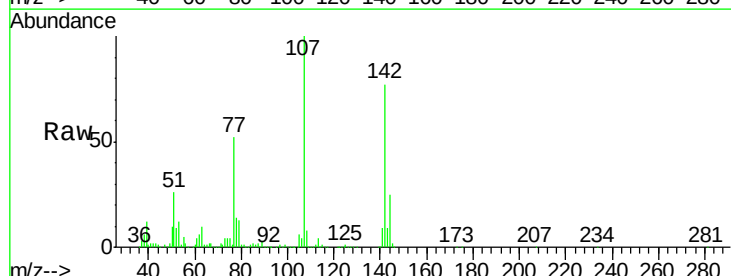
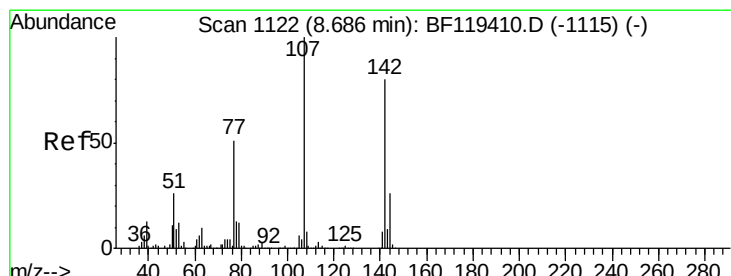
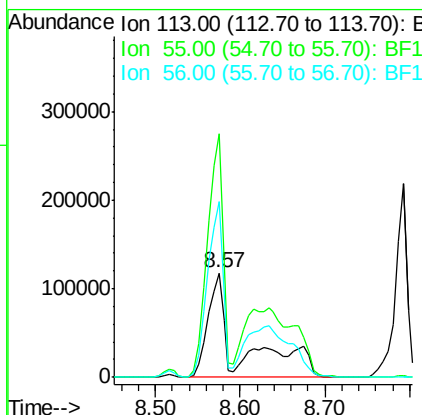
#35
Caprolactam
Concen: 54.935 ng/ml
RT: 8.57 min Scan# 1103
Delta R.T. 0.01 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tot Ion	Ratio	Resp	Lower	Upper
113	100	300465		
55	233.0	208.4	248.4	
56	168.5	138.9	178.9	

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

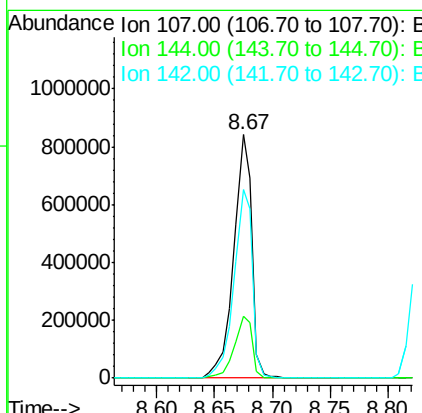
Manual Integrations
APPROVED

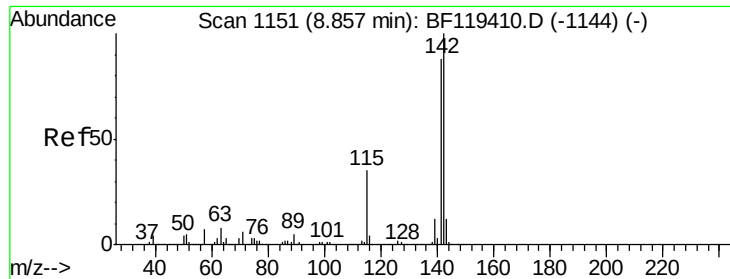
mohammad
3/30/2020 8:50:57 AM



#36
4-Chloro-3-methylphenol
Concen: 49.878 ng
RT: 8.67 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	911049		
144	25.2	20.6	31.0	
142	77.5	63.8	95.6	





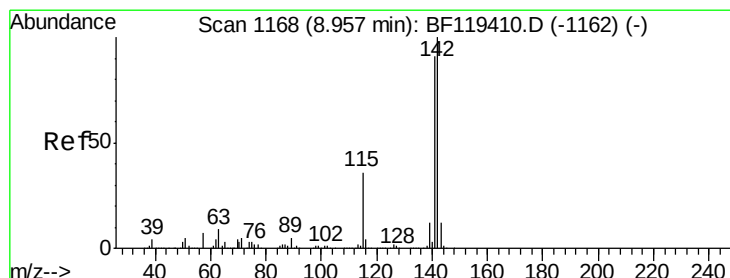
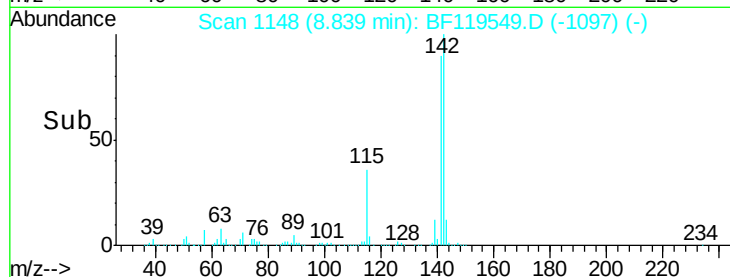
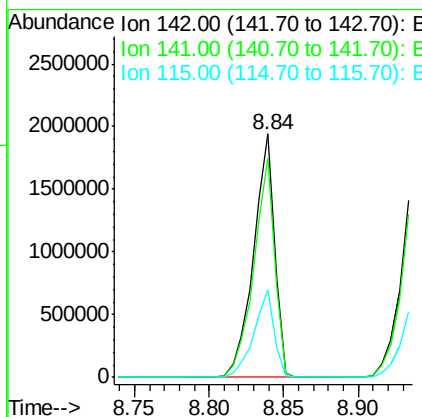
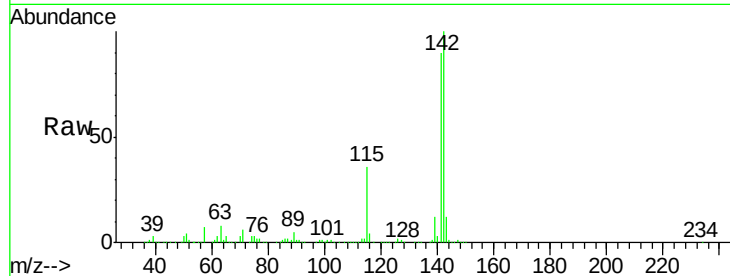
#37
2-Methylnaphthalene
Concen: 49.091 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.4	105.6
115	35.7	27.8	41.6

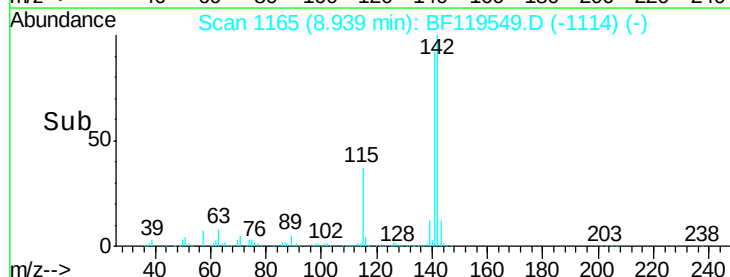
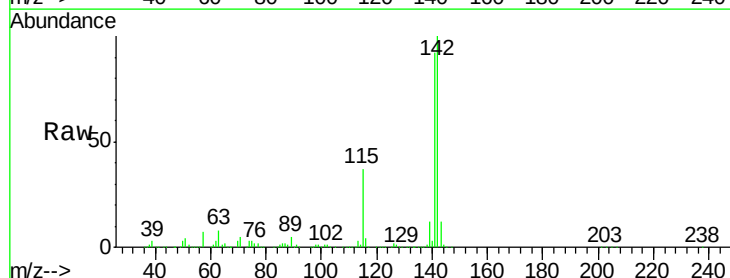
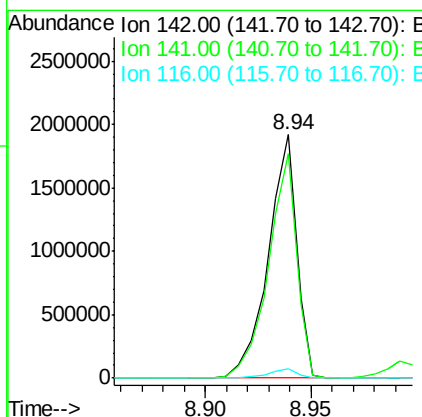
Manual Integrations
APPROVED

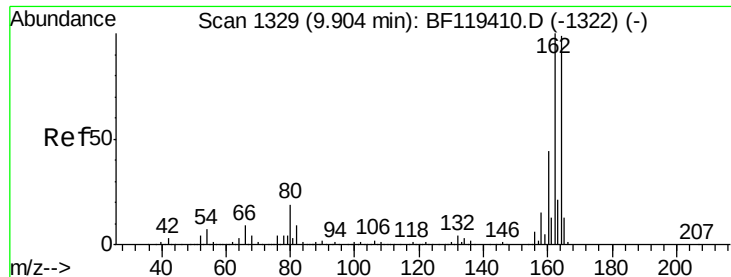
mohammad
3/30/2020 8:50:57 AM



#38
1-Methylnaphthalene
Concen: 49.486 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.1	109.7
116	3.7	3.0	4.6





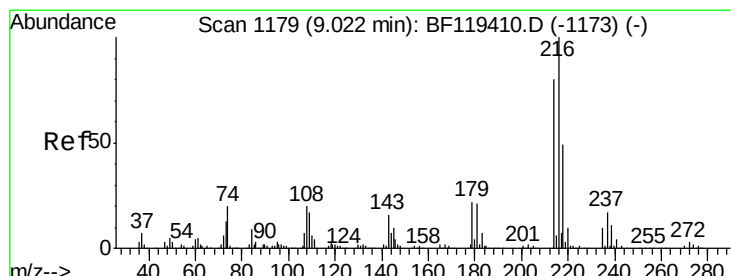
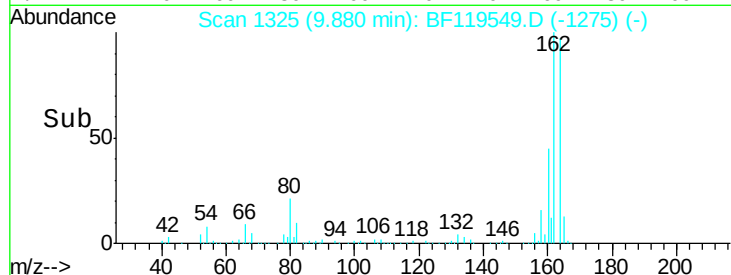
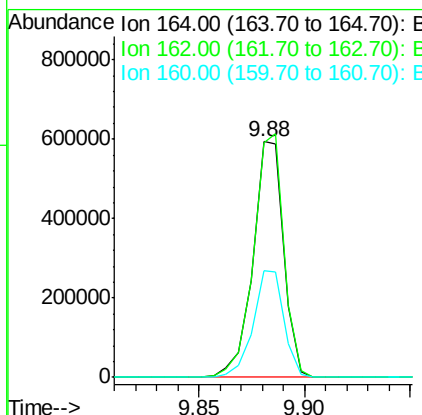
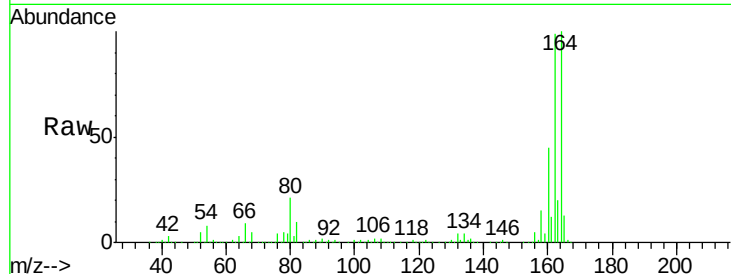
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.7	121.1
160	45.1	35.5	53.3

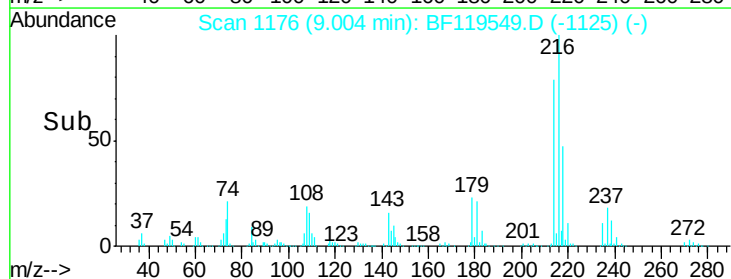
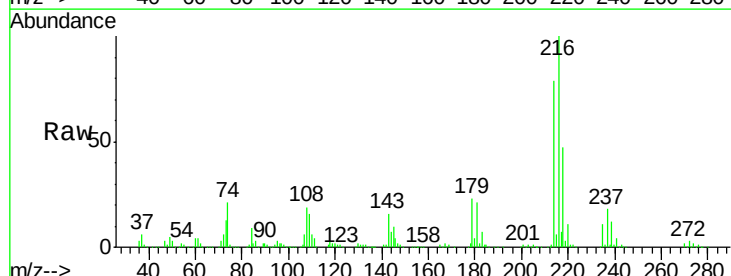
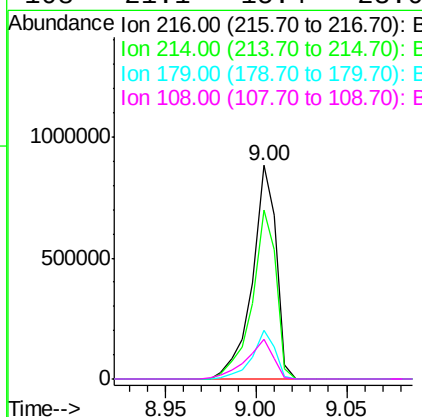
Manual Integrations
APPROVED

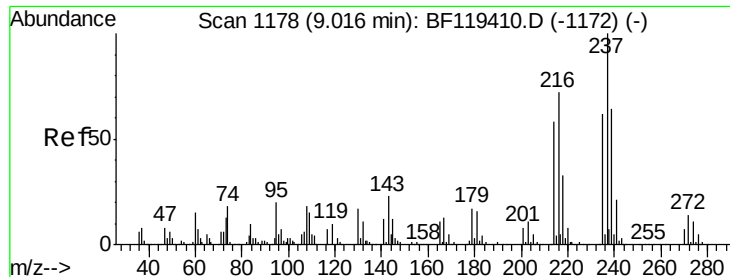
mohammad
3/30/2020 8:50:57 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.784 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.6
179	21.6	17.0	25.4
108	21.1	15.4	23.0





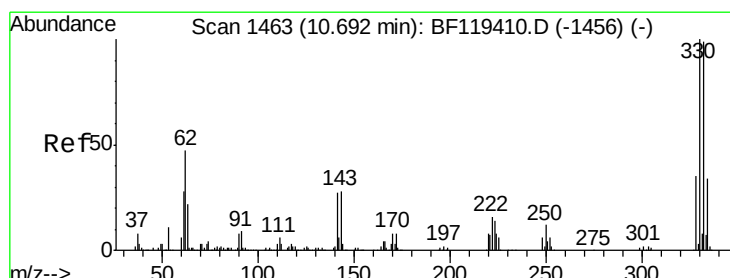
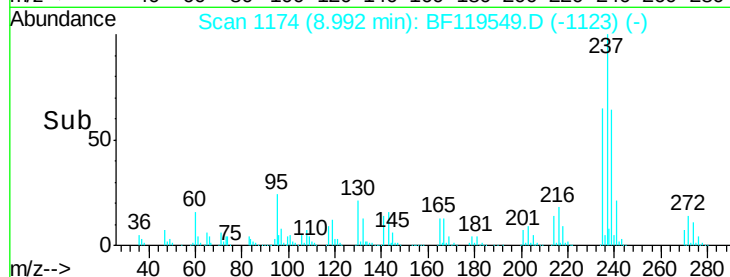
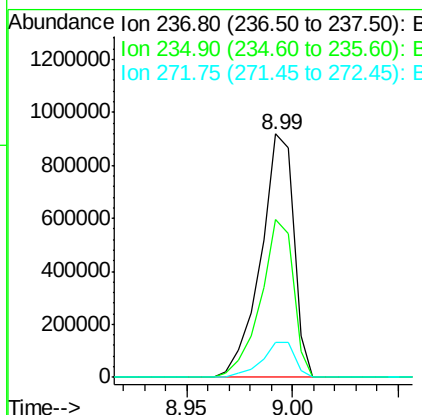
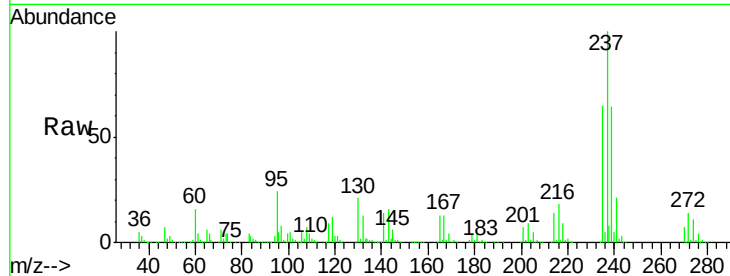
#41
Hexachlorocyclopentadiene
Concen: 99.389 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100	998428		
235	64.9		42.5	82.5
272	14.2		0.0	34.3

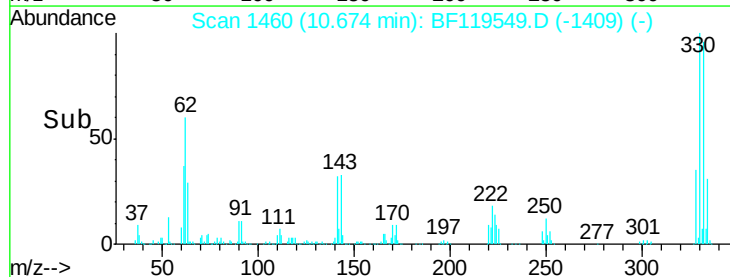
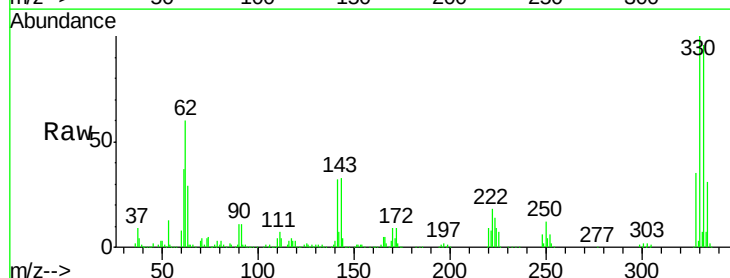
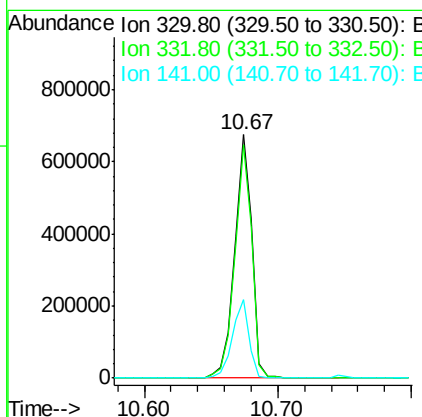
Manual Integrations
APPROVED

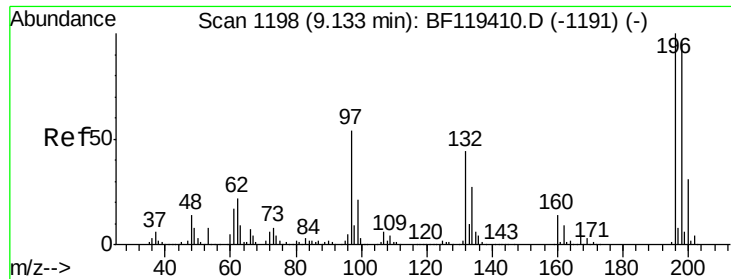
mohammad
3/30/2020 8:50:57 AM



#42
2,4,6-Tribromophenol
Concen: 98.418 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	612104		
332	95.6		77.6	116.4
141	31.6		26.6	40.0





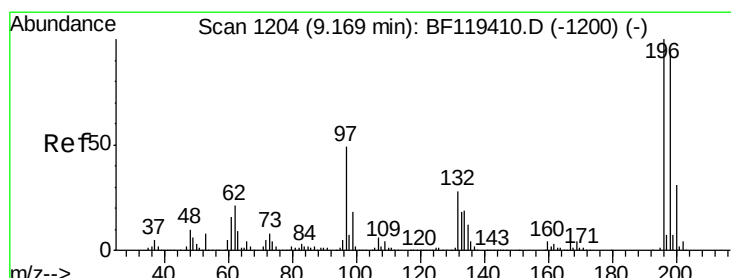
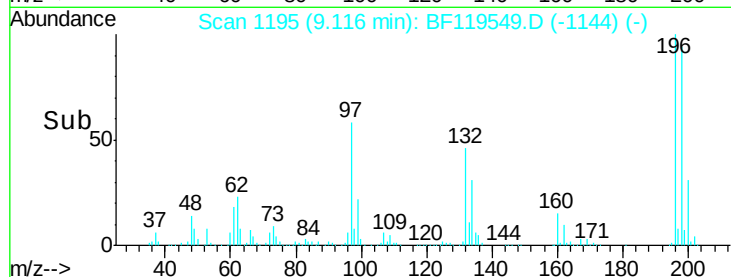
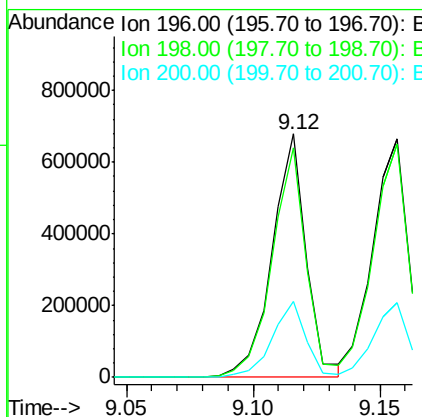
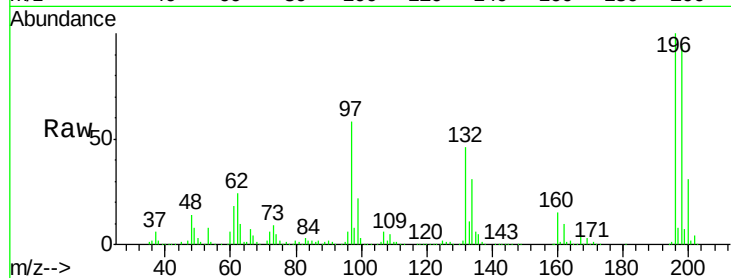
#43
 2,4,6-Trichlorophenol
 Concen: 50.476 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	638273		
198	94.1	77.0	115.4	
200	31.0	25.1	37.7	

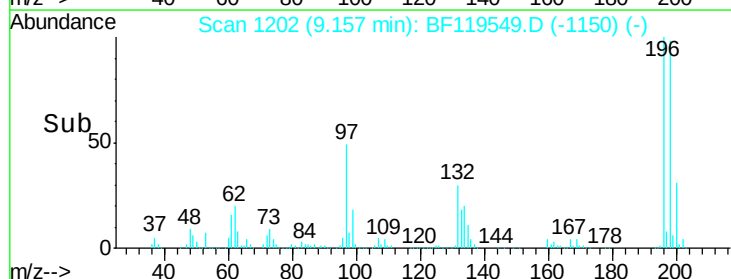
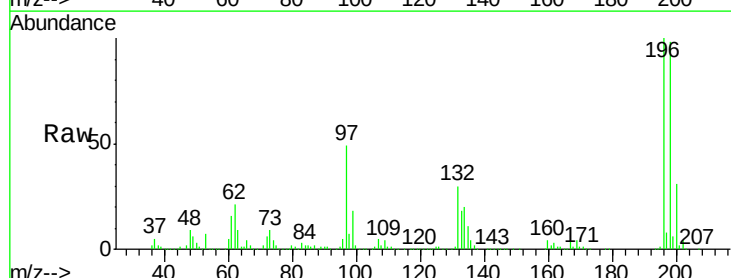
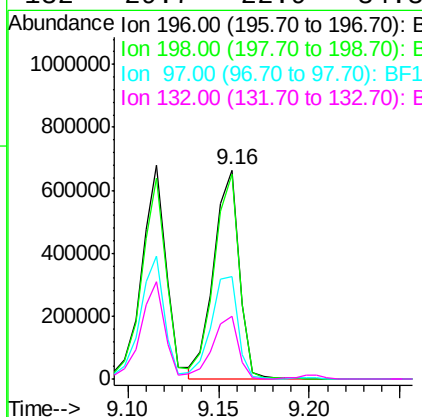
Manual Integrations
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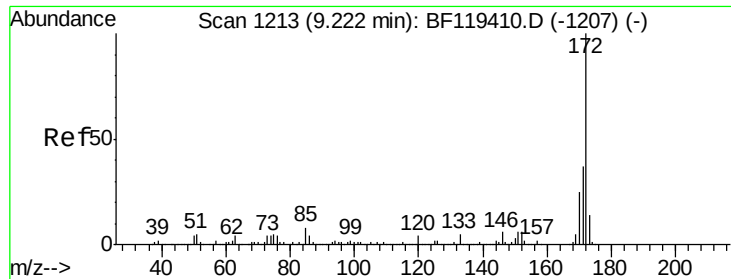
mohammad
 3/30/2020 8:50:57 AM



#44
 2,4,5-Trichlorophenol
 Concen: 45.810 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	648914		
198	97.9	75.3	112.9	
97	49.2	39.0	58.4	
132	29.7	22.9	34.3	





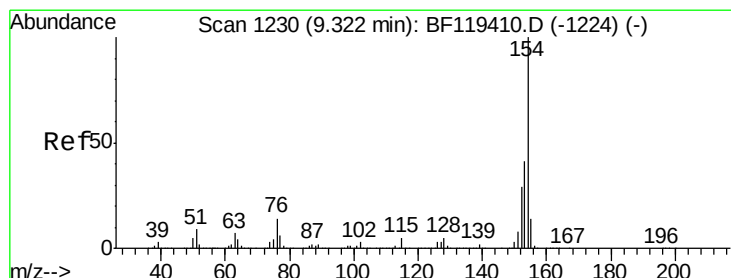
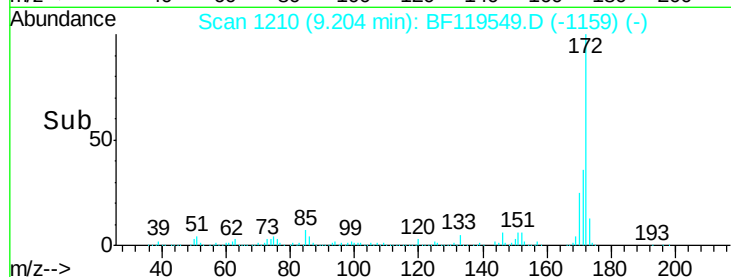
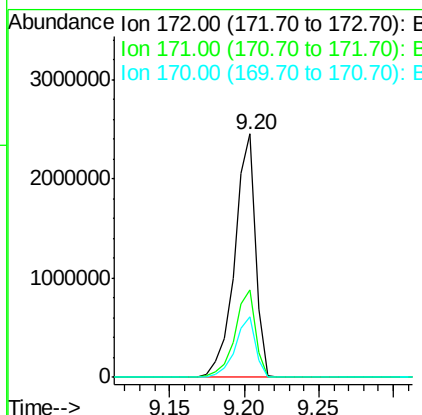
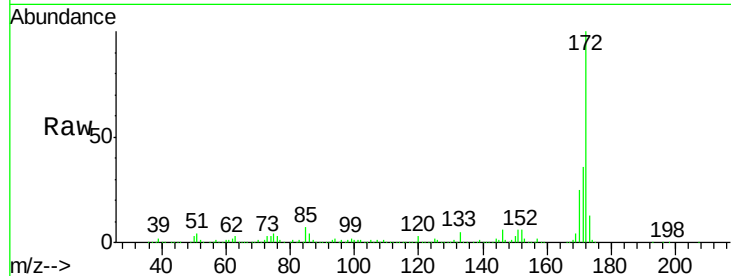
#45
2-Fluorobiphenyl
Concen: 59.021 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.9	44.9
170	24.7	20.1	30.1

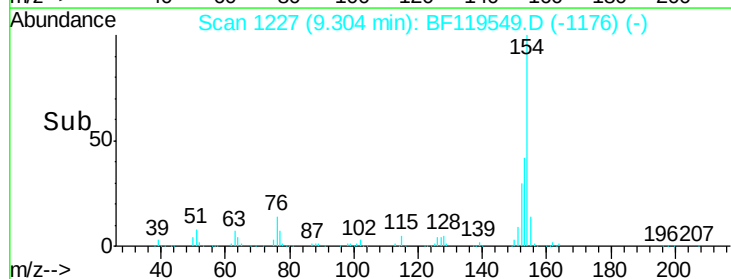
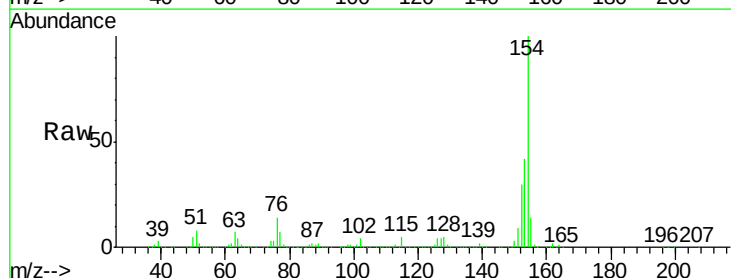
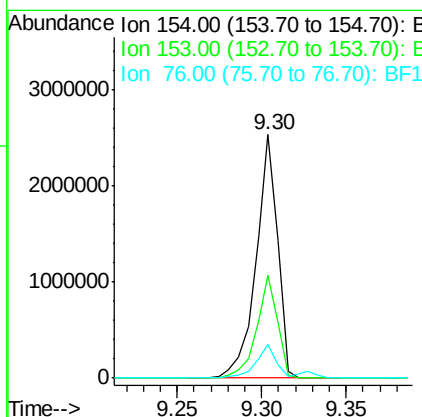
Manual Integrations
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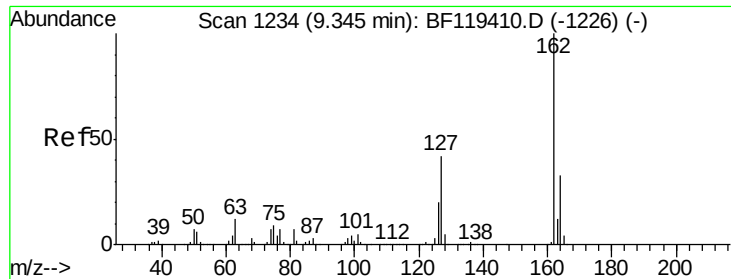
mohammad
3/30/2020 8:50:57 AM



#46
1,1'-Biphenyl
Concen: 45.784 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	21.4	61.4
76	13.7	0.0	33.6





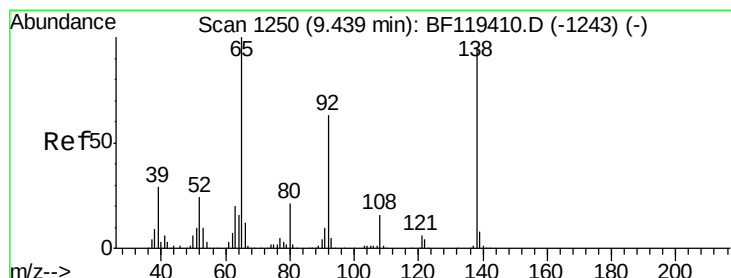
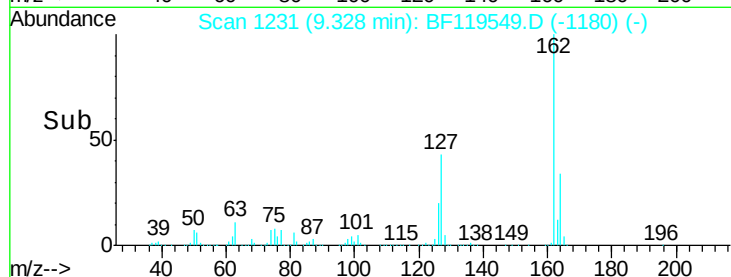
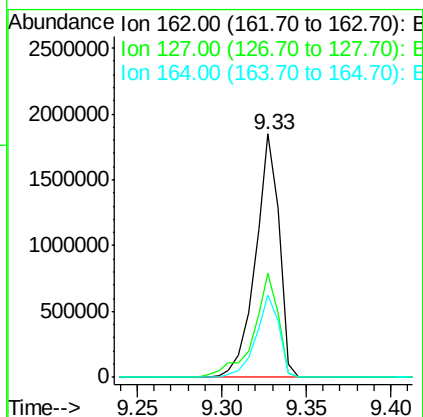
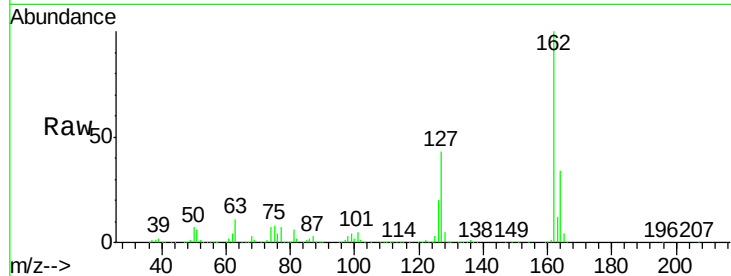
#47
 2-Chloronaphthalene
 Concen: 46.593 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.7	33.7	50.5
164	33.7	26.2	39.4

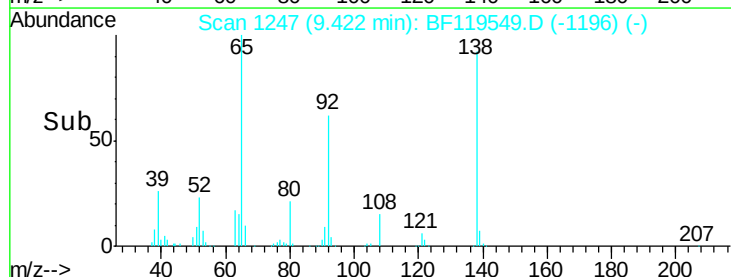
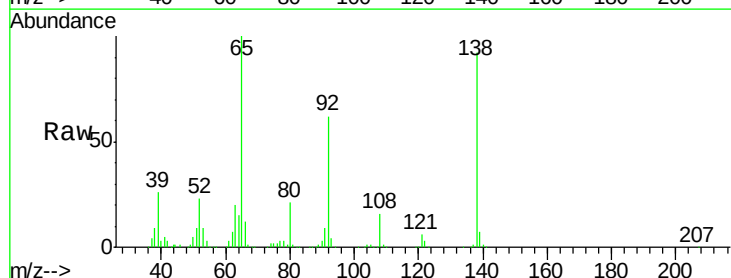
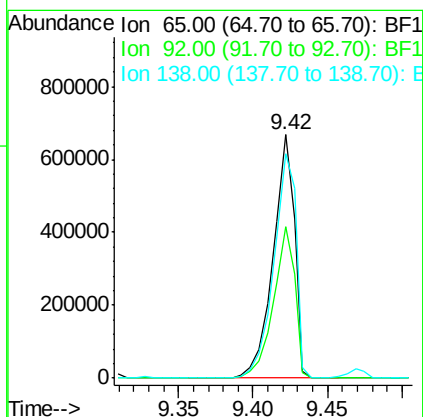
Manual Integrations
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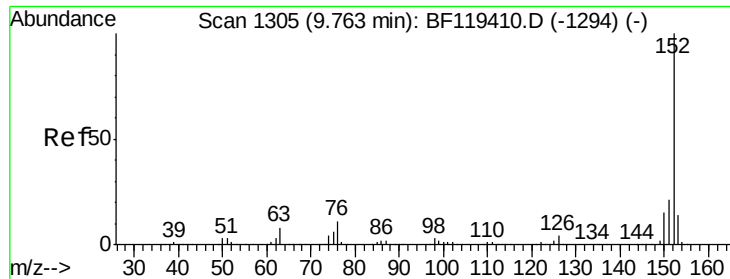
mohammad
 3/30/2020 8:50:57 AM



#48
 2-Nitroaniline
 Concen: 49.874 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.2	50.5	75.7
138	92.0	75.8	113.8





#49

Acenaphthylene

Concen: 45.843 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

Tot Ion:152 Resp: 2768765

Ion Ratio Lower Upper

152 100

151 21.3 16.8 25.2

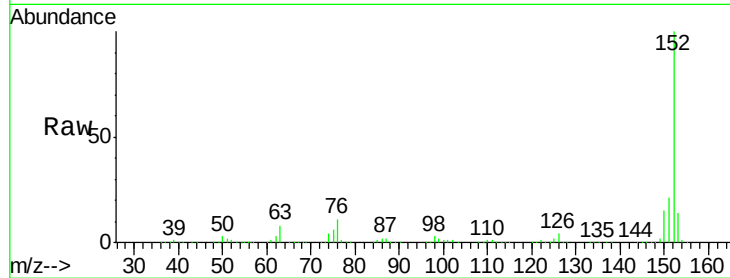
153 14.2 11.2 16.8

Manual Integrations

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mohammad

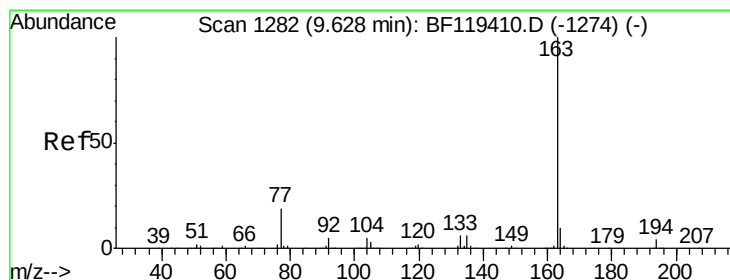
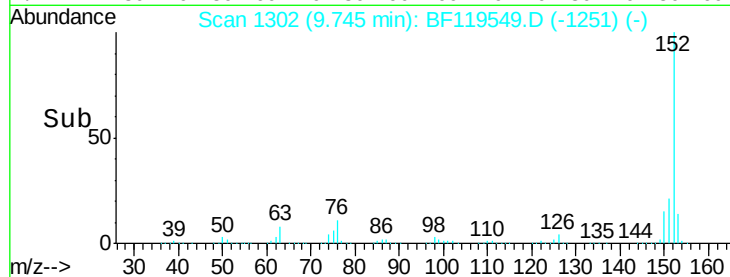
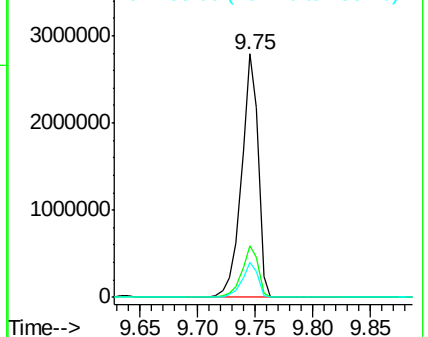
3/30/2020 8:50:57 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 56.495 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

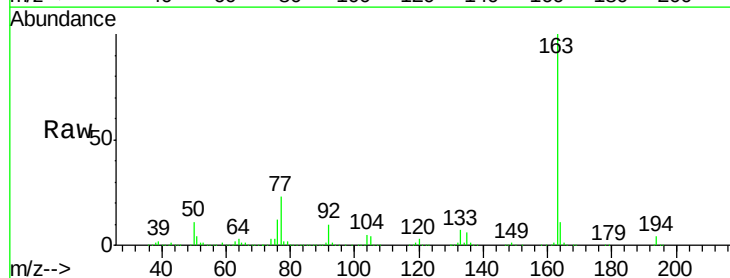
Tgt Ion:163 Resp: 2419152

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

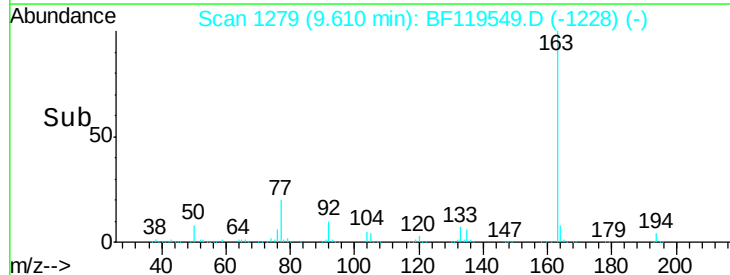
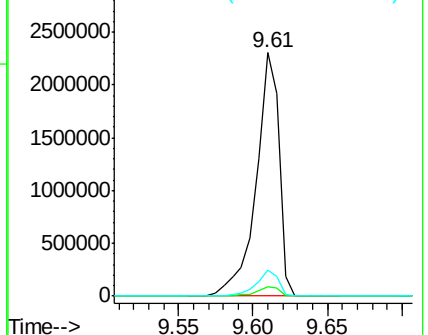
164 10.7 8.1 12.1

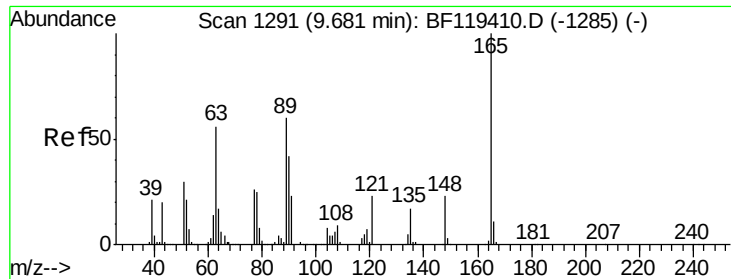


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





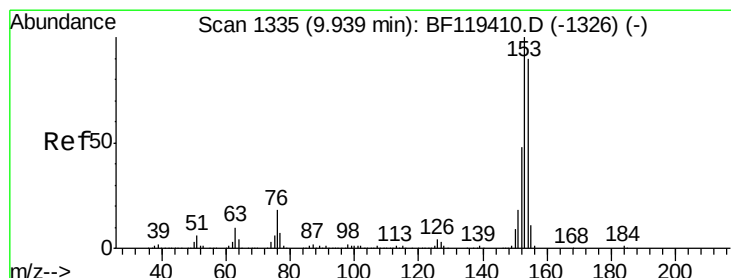
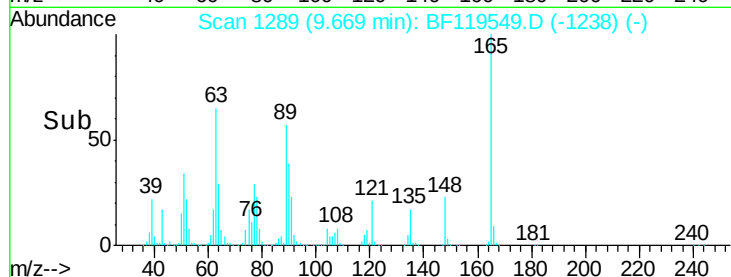
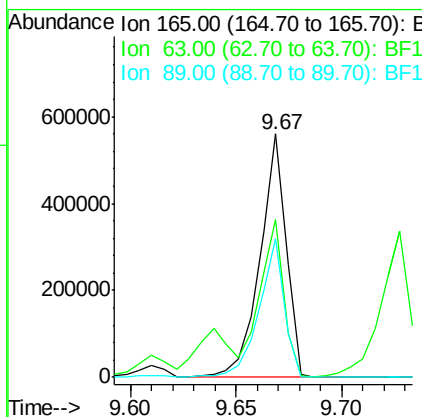
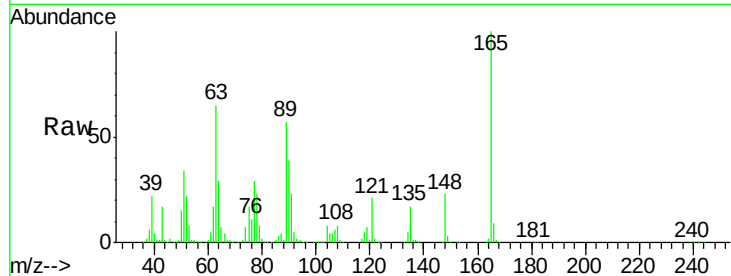
#51
2,6-Dinitrotoluene
Concen: 52.708 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	64.7	57.3	85.9
89	57.2	47.8	71.8

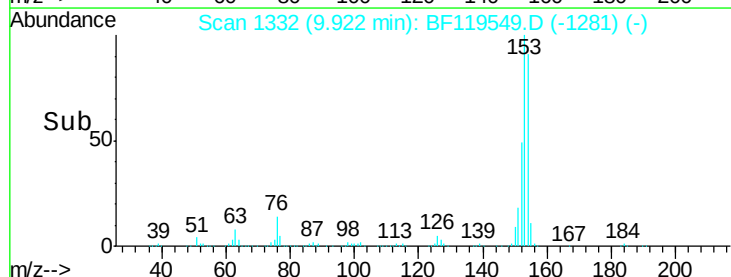
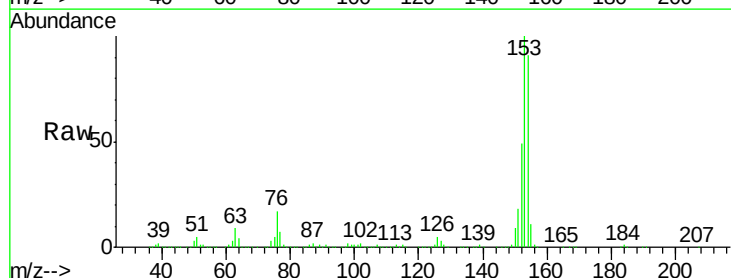
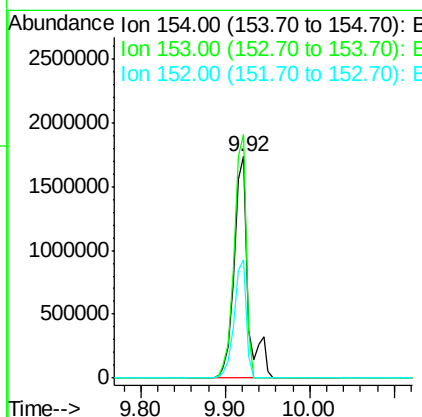
Manual Integrations
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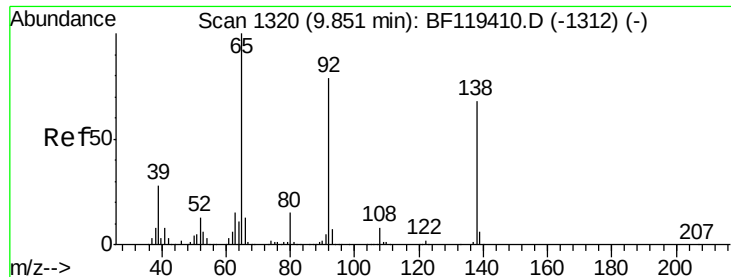
mohammad
3/30/2020 8:50:57 AM



#52
Acenaphthene
Concen: 52.445 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.9	89.0	133.6
152	53.5	43.1	64.7





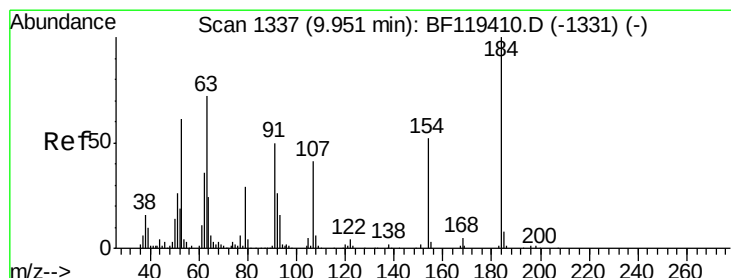
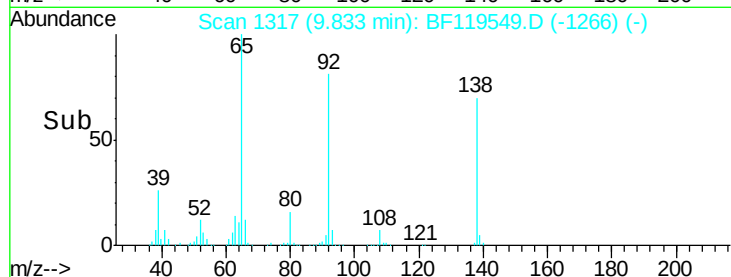
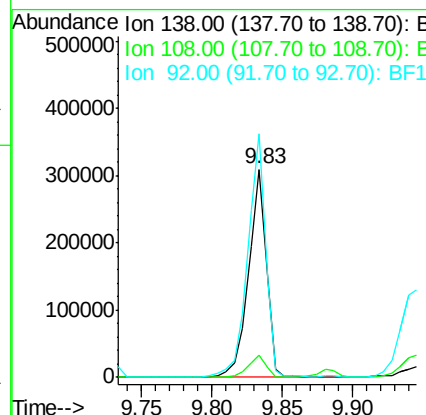
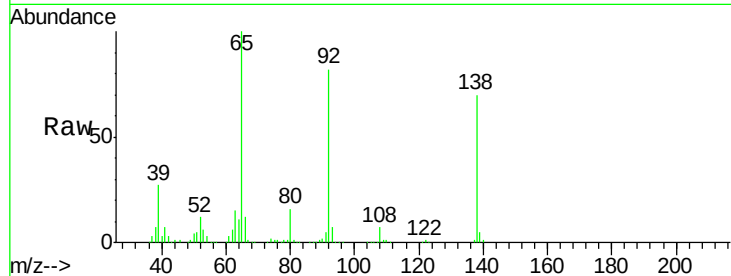
#53
3-Nitroaniline
Concen: 23.554 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.0	13.6
92	117.1	93.2	139.8

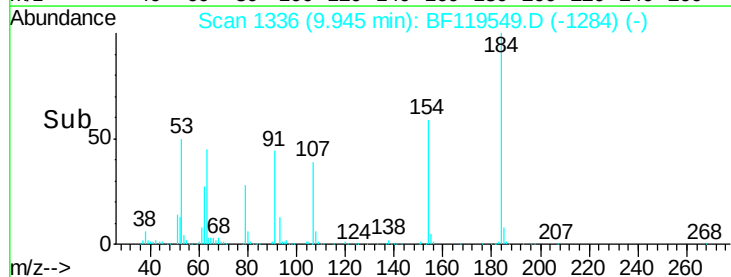
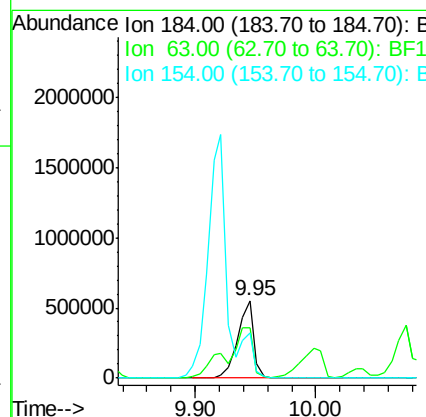
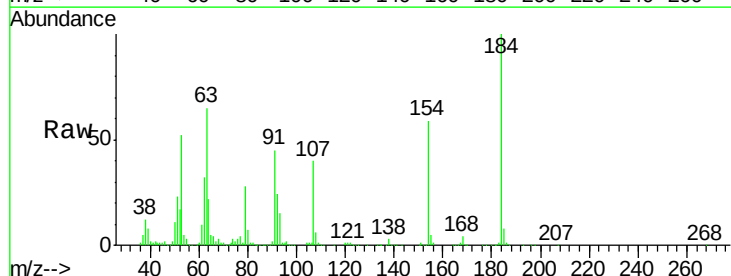
Manual Integrations
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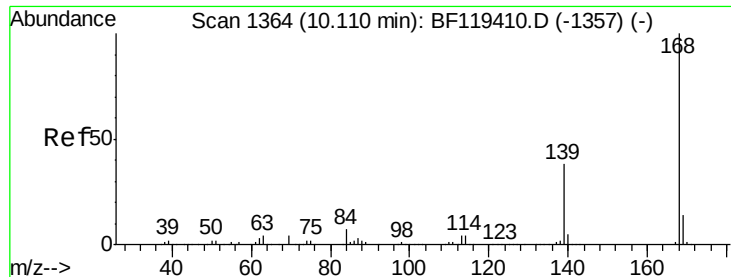
mohammad
3/30/2020 8:50:57 AM



#54
2,4-Dinitrophenol
Concen: 125.023 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.9	58.5	87.7
154	58.8	51.8	77.6





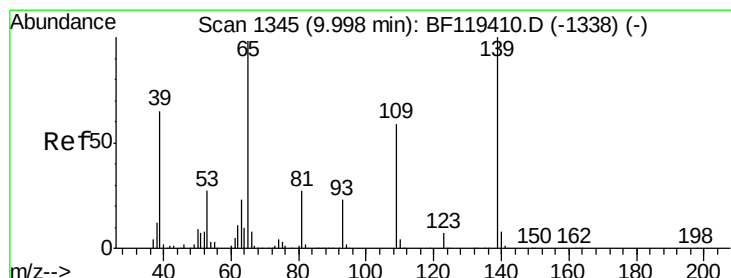
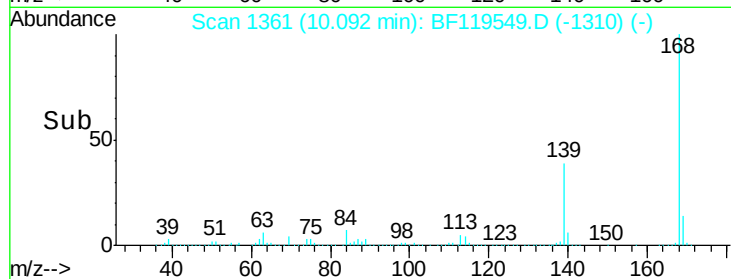
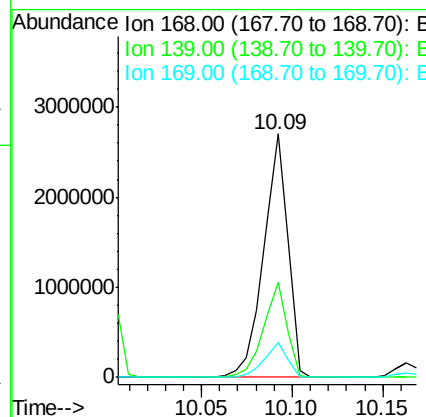
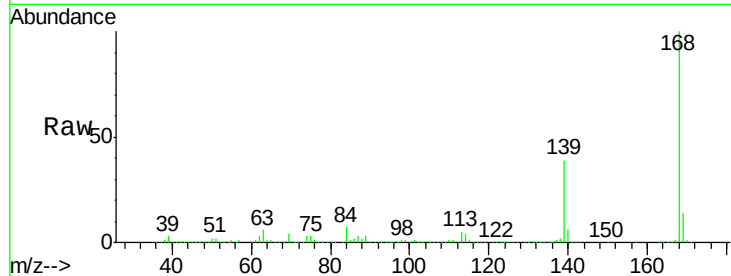
#55
Dibenzenofuran
Concen: 46.578 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Instrument :
BNA_F
ClientSampled :
SB-30-(8-8.5)MSD

Tot Ion:168 Resp: 2514403
Ion Ratio Lower Upper
168 100
139 39.2 30.2 45.4
169 14.2 11.1 16.7

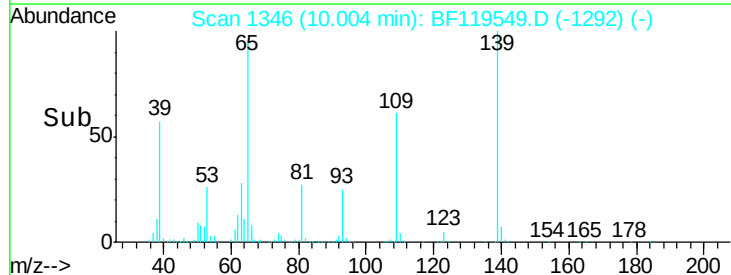
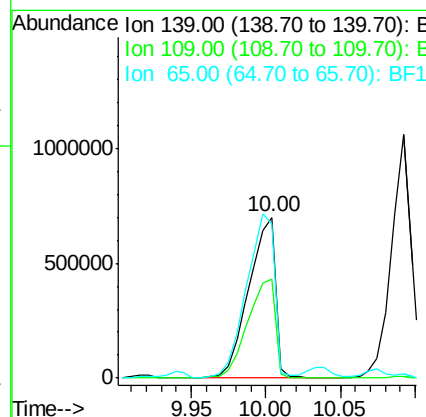
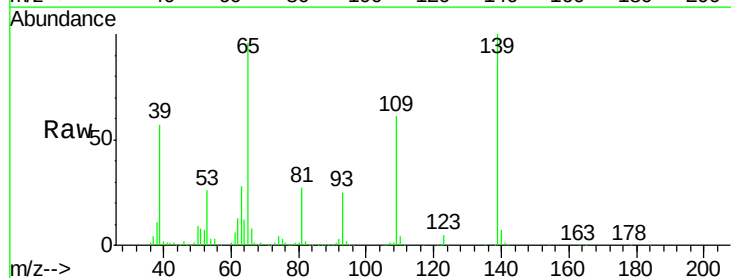
Manual Integrations
APPROVED

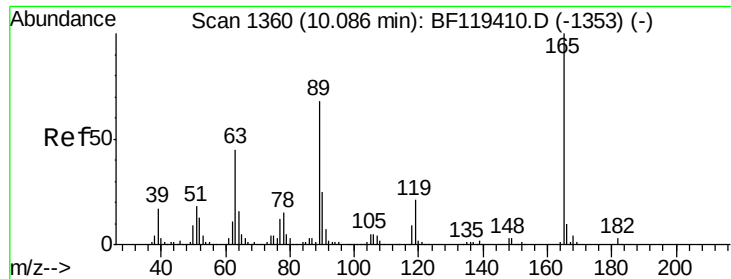
mohammad
3/30/2020 8:50:57 AM



#56
4-Nitrophenol
Concen: 94.937 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.02 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tgt Ion:139 Resp: 867832
Ion Ratio Lower Upper
139 100
109 61.4 39.6 79.6
65 95.7 78.3 118.3





#57

2,4-Dinitrotoluene

Concen: 55.691 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.01 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

Tot Ion:165 Resp: 643914
Ion Ratio Lower Upper

165 100

63 54.4 36.2 54.4#

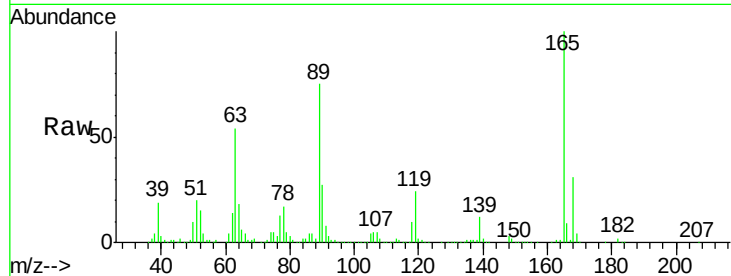
89 75.1 54.3 81.5

182 2.3 2.0 3.0

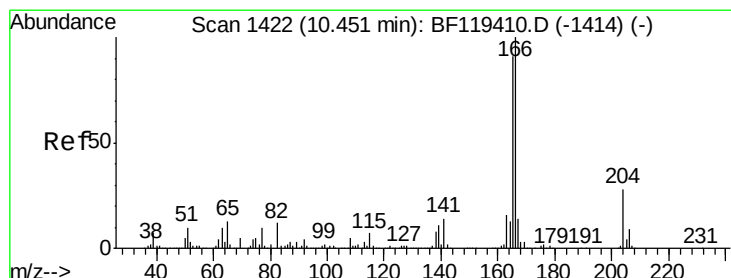
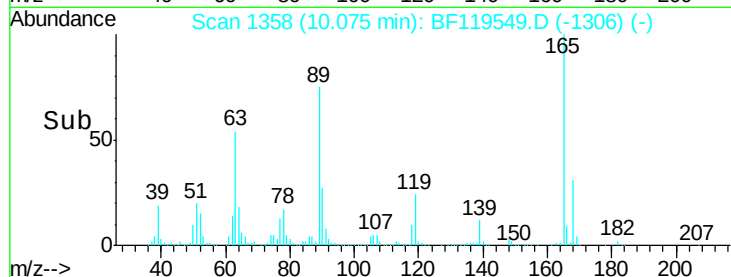
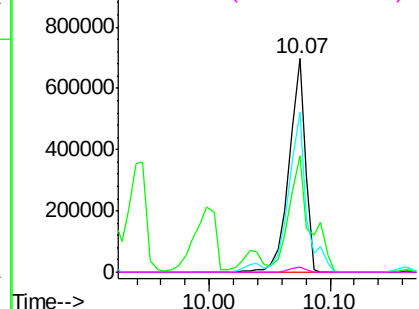
Manual Integrations
APPROVED

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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: 48.684 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BF119549.D

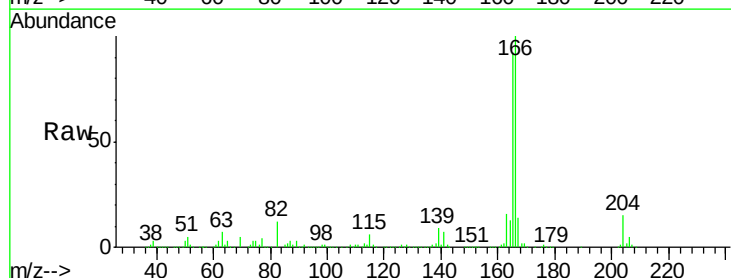
Acq: 27 Mar 2020 00:15

Tgt Ion:166 Resp: 1943478
Ion Ratio Lower Upper

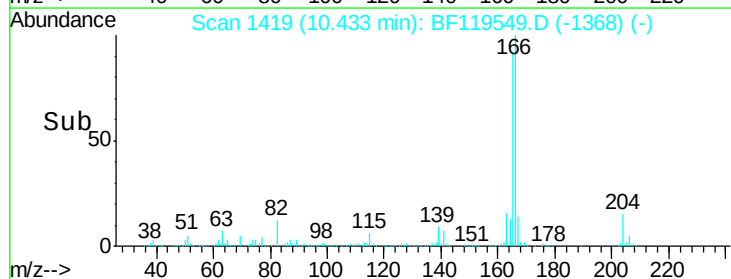
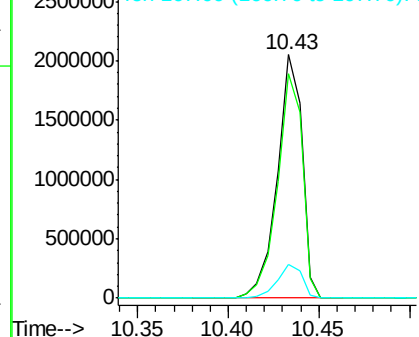
166 100

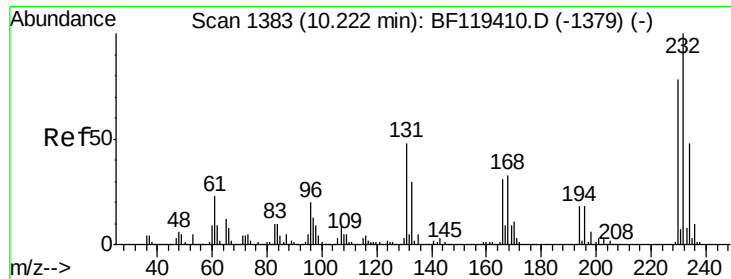
165 92.2 73.1 109.7

167 13.9 11.0 16.6



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





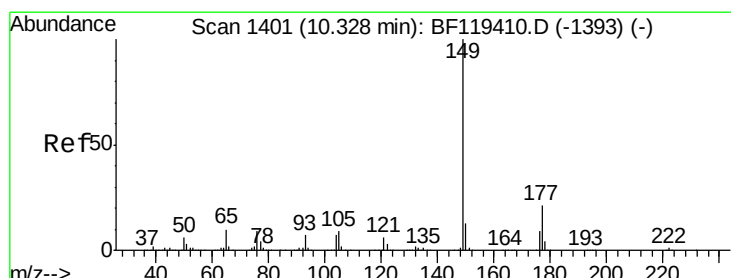
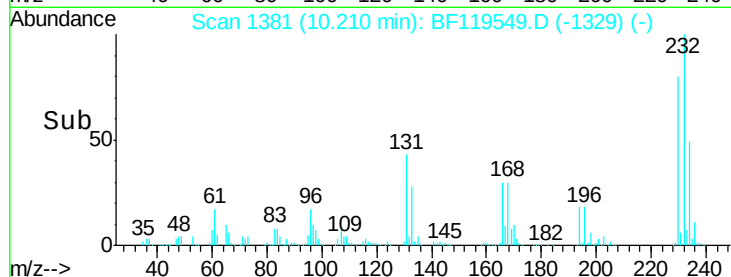
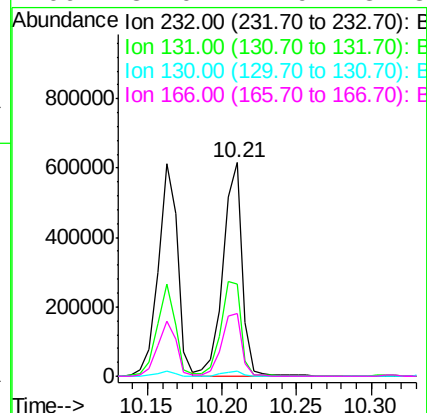
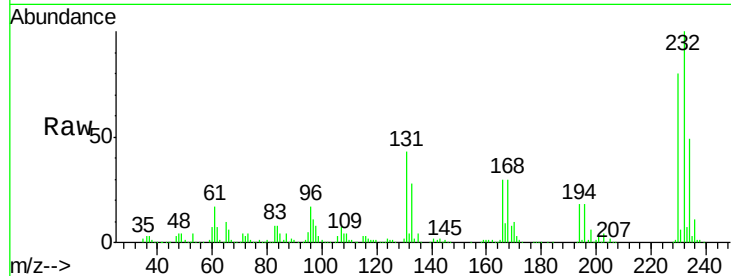
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.394 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.01 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.1	36.3	54.5
130	2.3	1.8	2.6
166	31.0	24.9	37.3

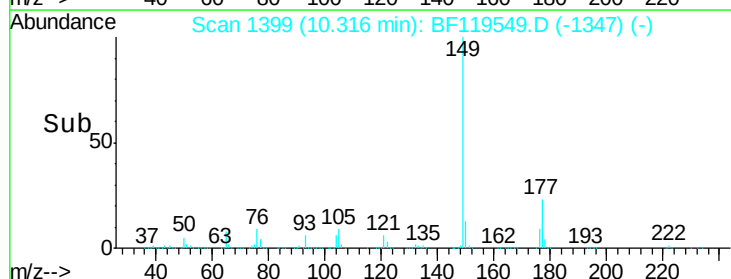
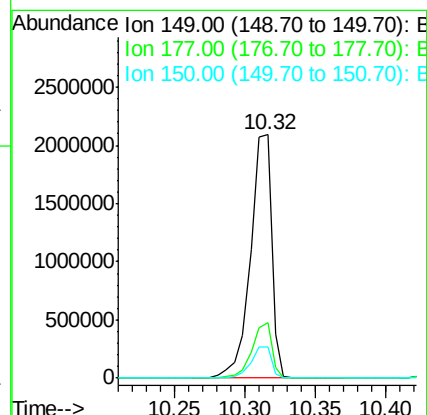
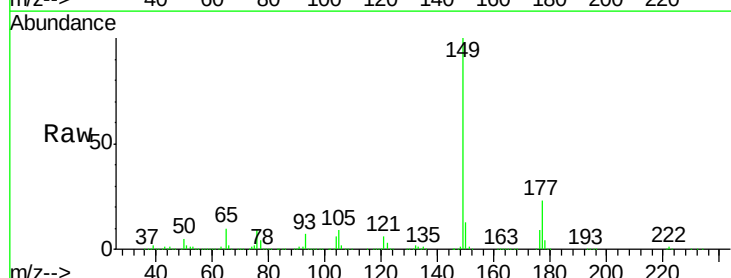
Manual Integrations
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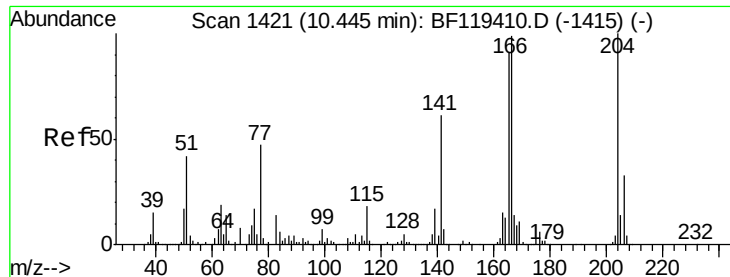
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#60
 Diethylphthalate
 Concen: 50.847 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.0	25.6
150	12.8	10.2	15.4





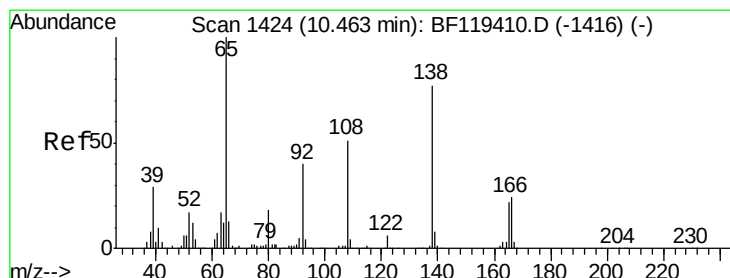
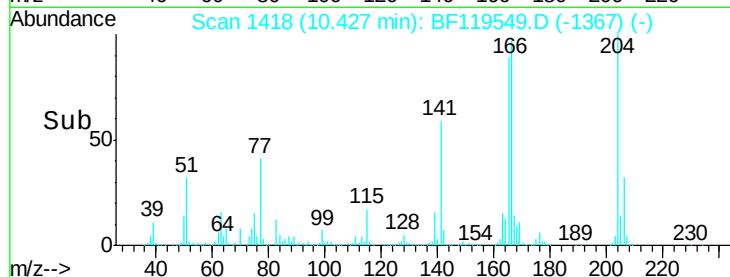
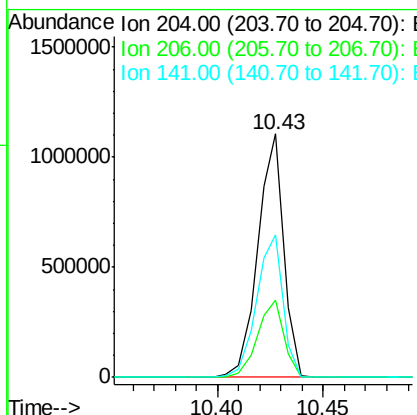
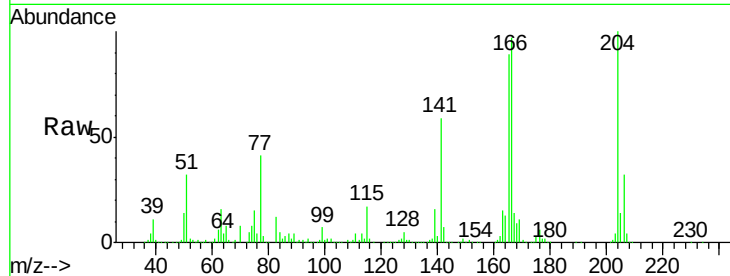
#61
 4-Chlorophenyl-phenylether
 Concen: 48.397 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MSD

Tot Ion:	204	Resp:	944785
Ion Ratio	Lower	Upper	
204	100		
206	31.9	26.7	40.1
141	58.5	48.8	73.2

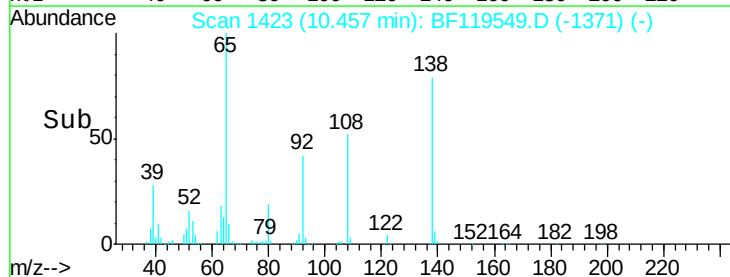
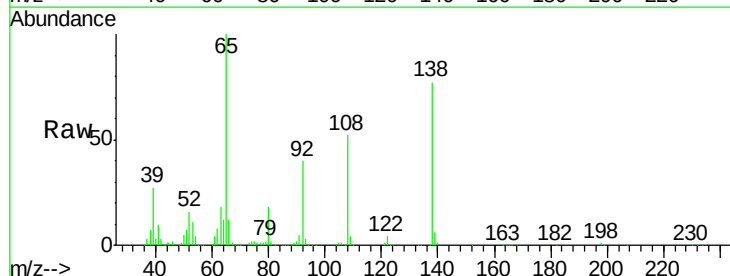
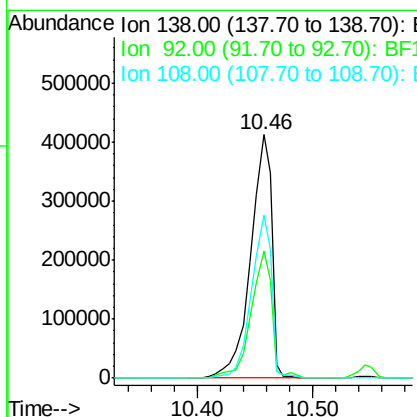
Manual Integrations
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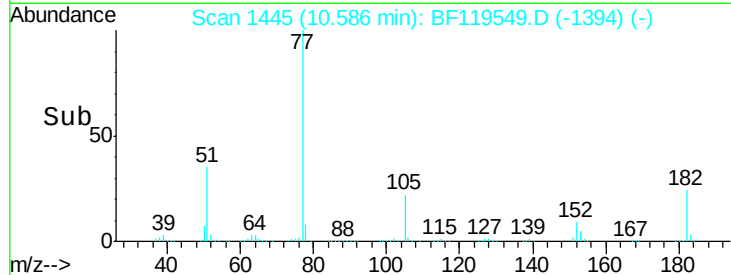
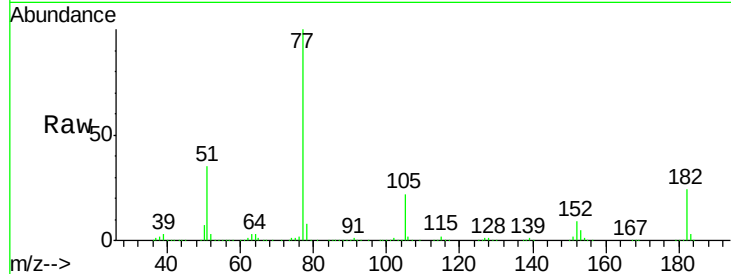
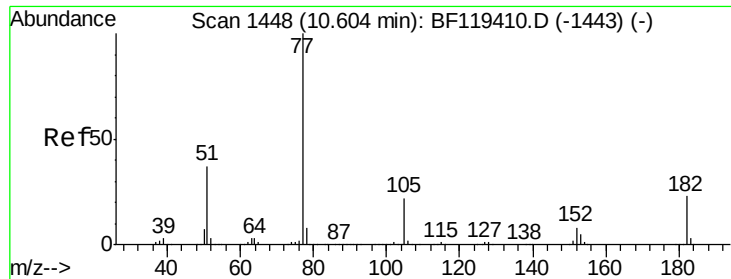
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#62
 4-Nitroaniline
 Concen: 47.264 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Tgt Ion:	138	Resp:	525179
Ion Ratio	Lower	Upper	
138	100		
92	52.2	32.0	72.0
108	67.0	46.0	86.0





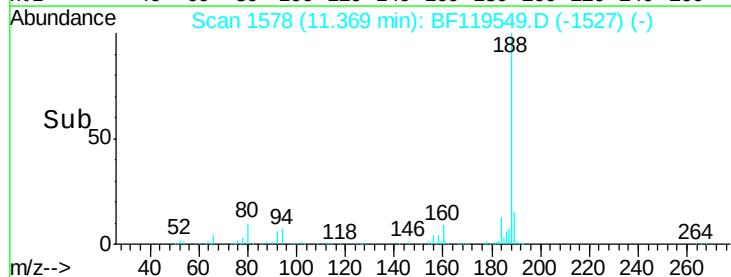
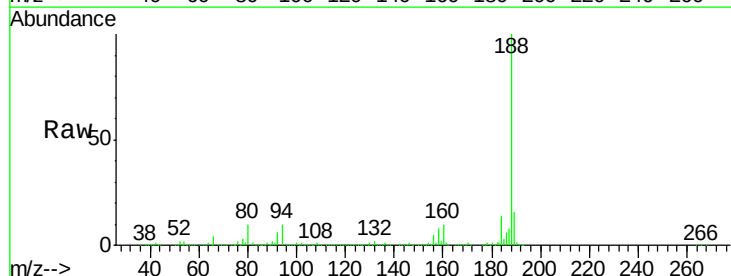
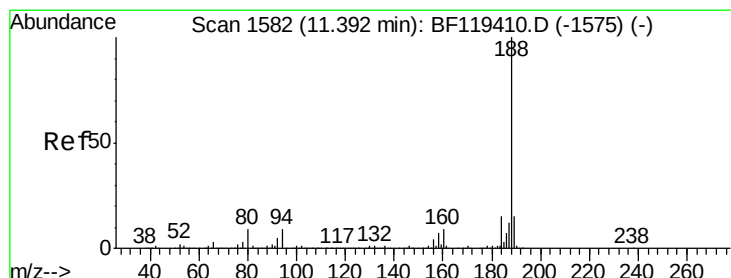
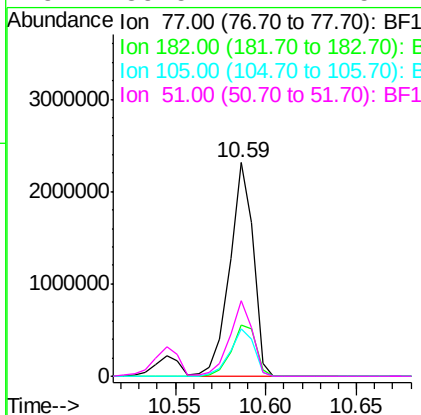
#63
Azobenzene
Concen: 47.841 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tot Ion: 77 Resp: 2093785
Ion Ratio Lower Upper
77 100
182 24.1 2.5 42.5
105 22.4 2.5 42.5
51 35.5 17.1 57.1

Instrument :
BNA_F
ClientSampled :
SB-30-(8-8.5)MSD

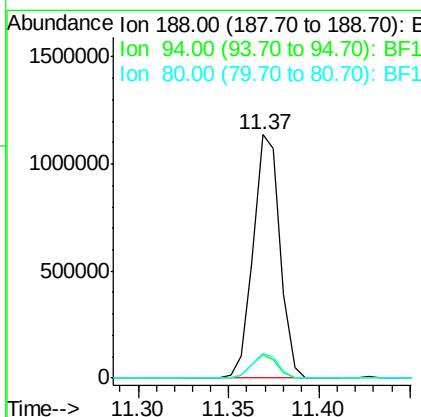
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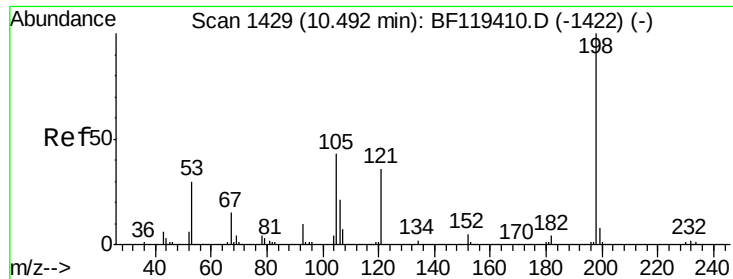
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tgt Ion: 188 Resp: 1166985
Ion Ratio Lower Upper
188 100
94 9.6 7.1 10.7
80 10.0 7.5 11.3





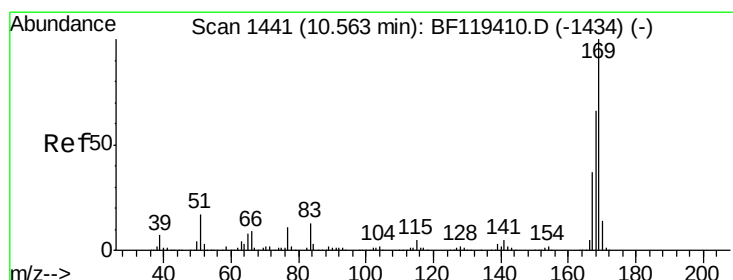
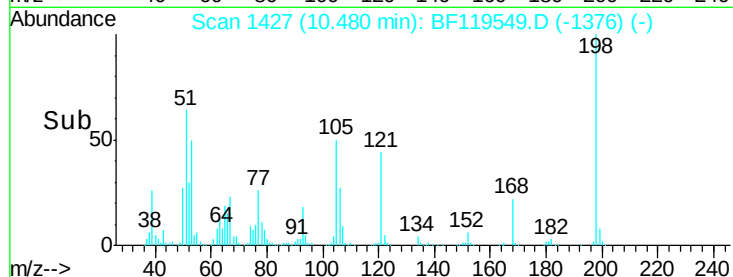
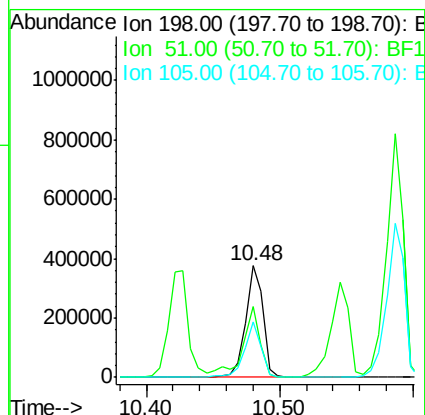
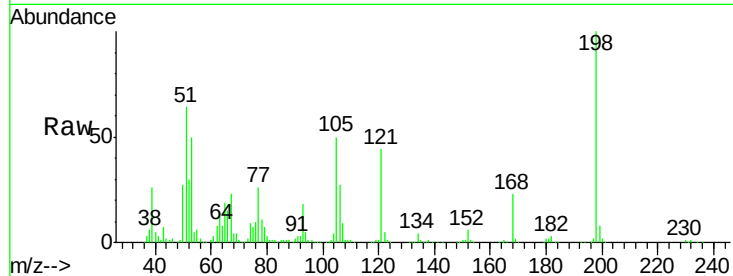
#65
4,6-Dinitro-2-methylphenol
Concen: 69.310 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Instrument :
BNA_F
ClientSampled :
SB-30-(8-8.5)MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	63.6	33.1	73.1
105	50.0	24.1	64.1

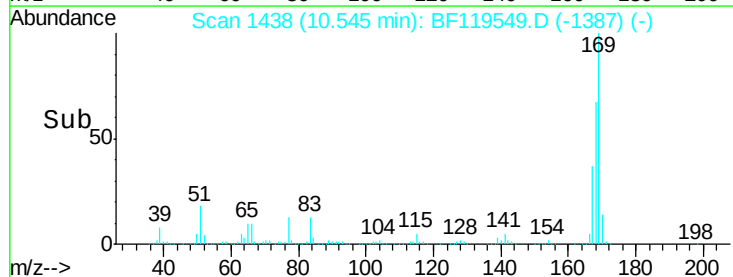
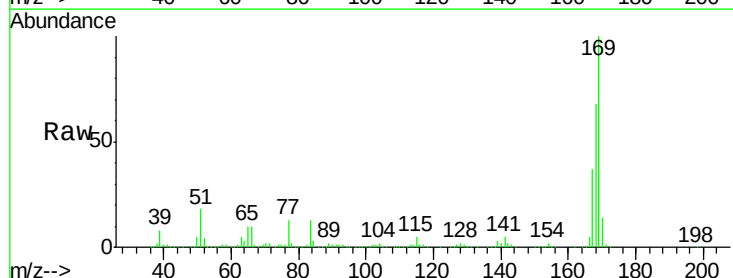
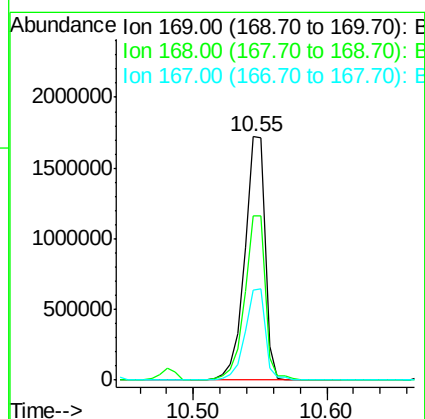
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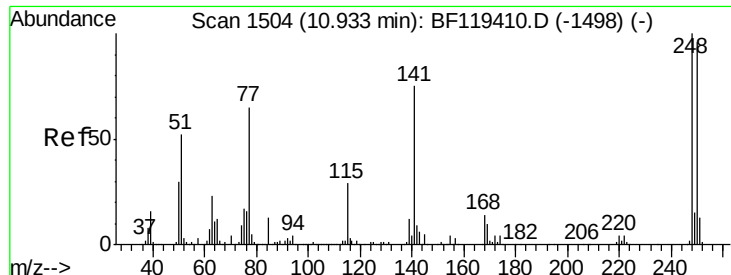
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#66
n-Nitrosodiphenylamine
Concen: 47.301 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.5	52.7	79.1
167	36.7	29.3	43.9





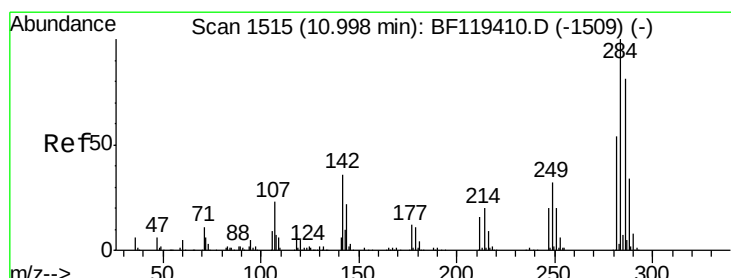
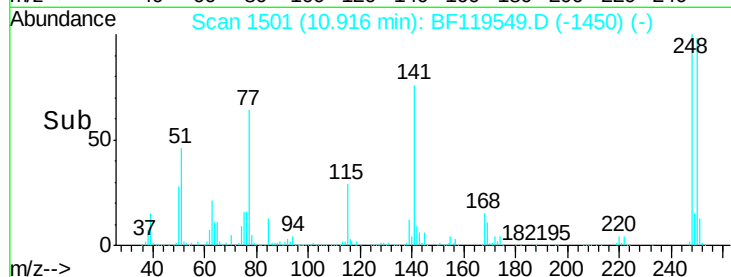
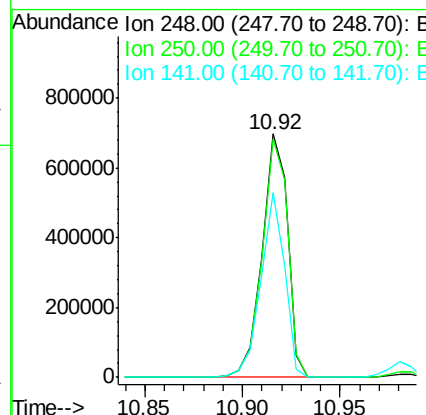
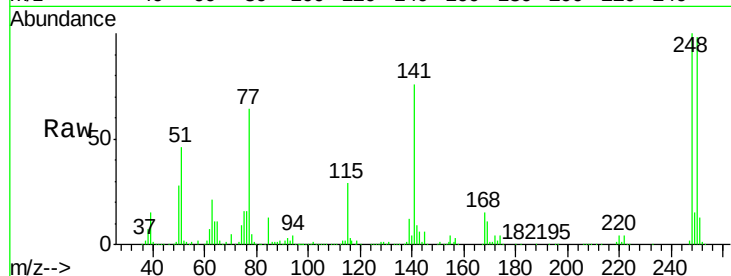
#67
 4-Bromophenyl-phenylether
 Concen: 47.457 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	77.0	115.6
141	76.1	59.7	89.5

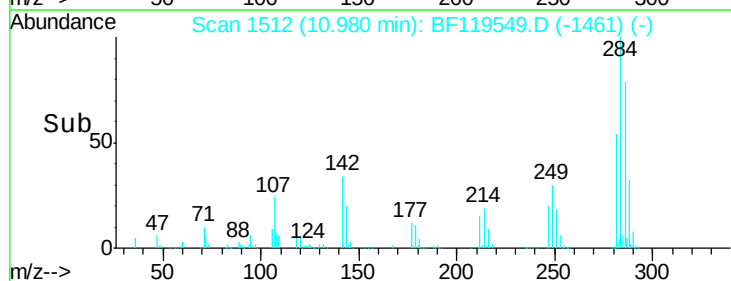
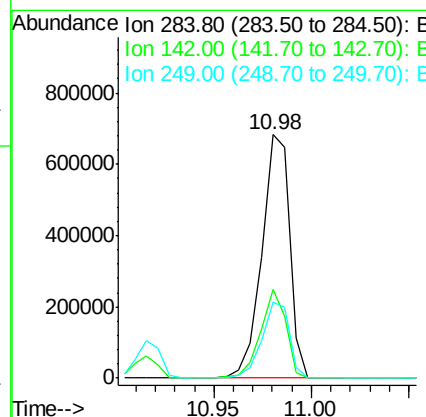
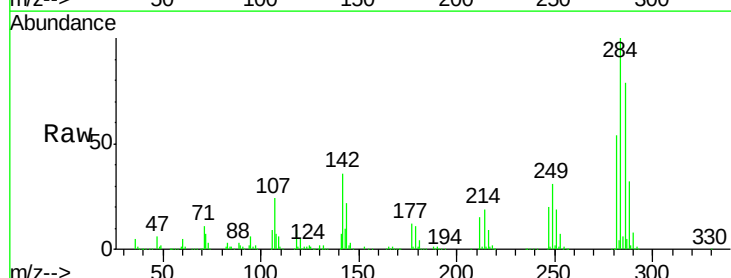
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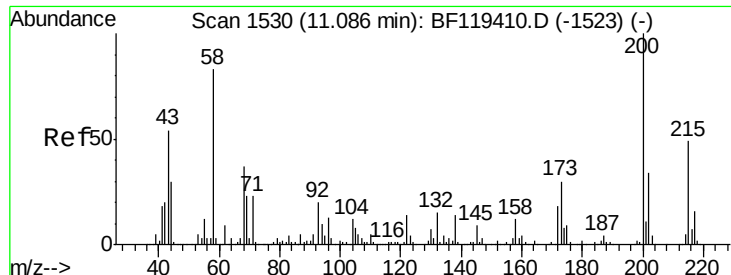
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#68
 Hexachlorobenzene
 Concen: 49.599 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.3	28.7	43.1
249	31.3	25.4	38.0





#69

Atrazine

Concen: 54.363 ng

RT: 11.08 min Scan# 1529

Delta R.T. 0.01 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

Instrument :

BNA_F

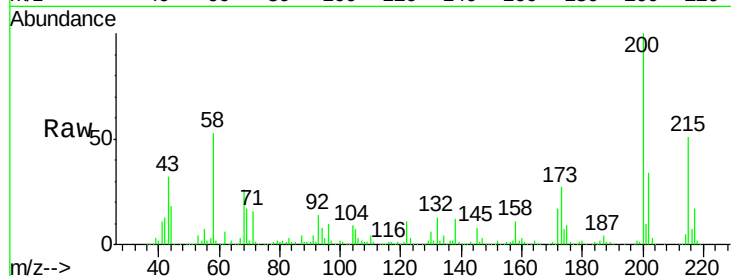
ClientSampleId :

SB-30-(8-8.5)MSD

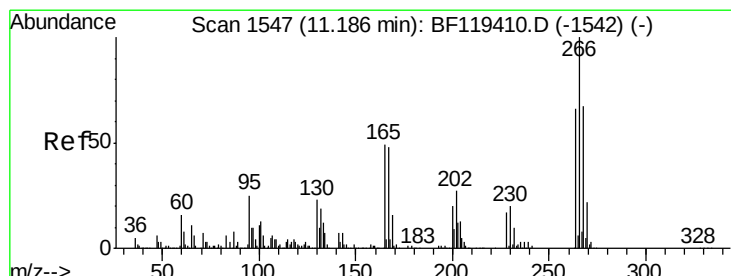
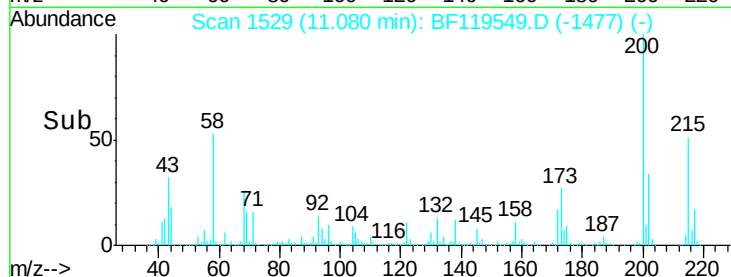
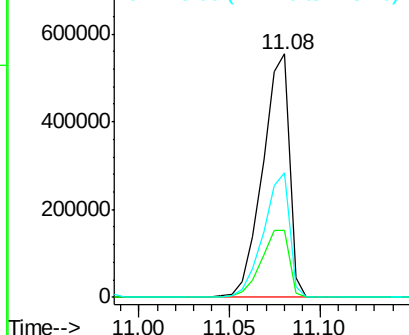
Tot Ion:	200	Resp:	570962
Ion Ratio	Lower	Upper	
200	100		
173	27.3	9.9	49.9
215	51.4	29.4	69.4

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



#70

Pentachlorophenol

Concen: 96.279 ng

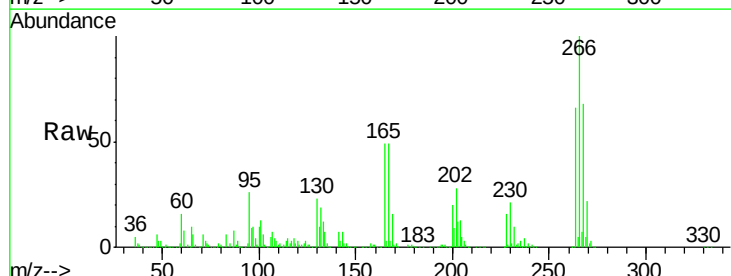
RT: 11.17 min Scan# 1545

Delta R.T. -0.00 min

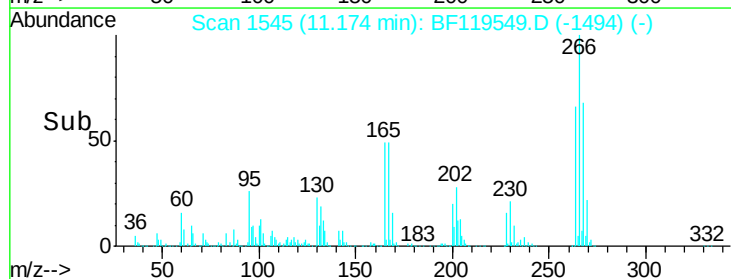
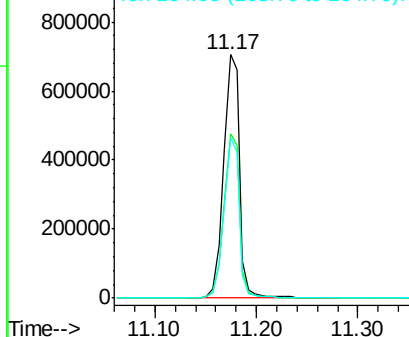
Lab File: BF119549.D

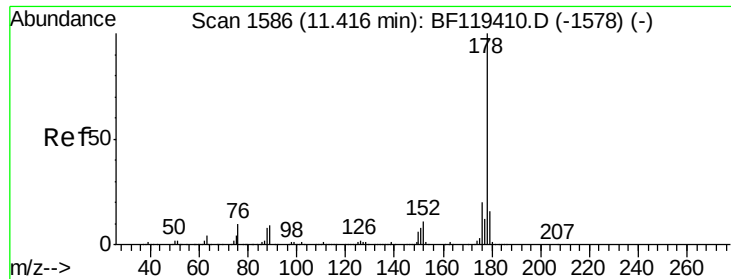
Acq: 27 Mar 2020 00:15

Tgt Ion:	266	Resp:	767907
Ion Ratio	Lower	Upper	
266	100		
268	67.5	53.7	80.5
264	65.9	52.5	78.7



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





#71

Phenanthrene

Concen: 45.606 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

Tot Ion:178 Resp: 2759694

Ion Ratio Lower Upper

178 100

176 21.4 16.2 24.4

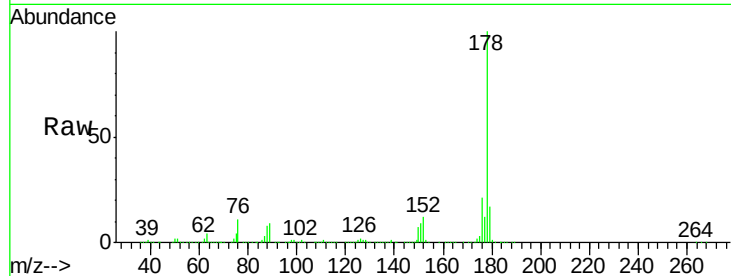
179 16.9 12.9 19.3

Manual Integrations

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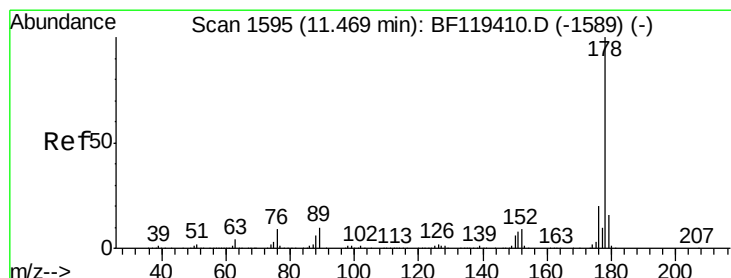
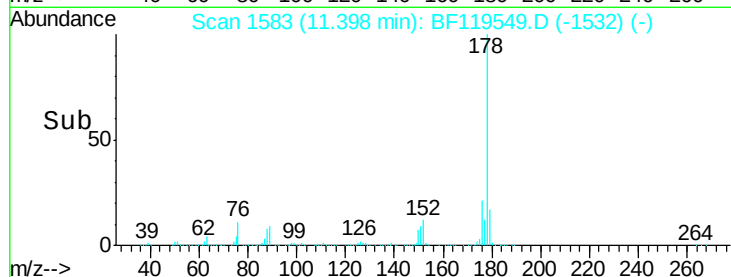
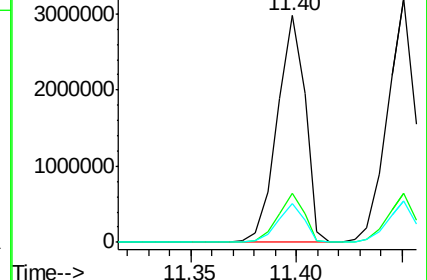
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.625 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

Tgt Ion:178 Resp: 2867409

Ion Ratio Lower Upper

178 100

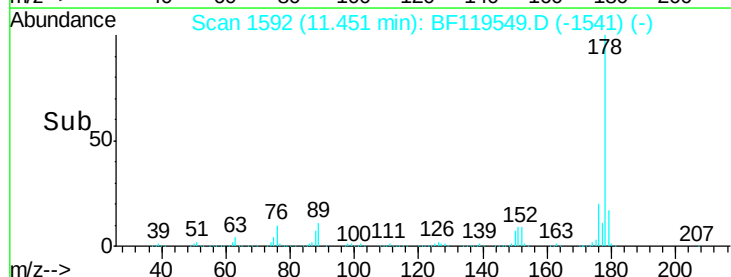
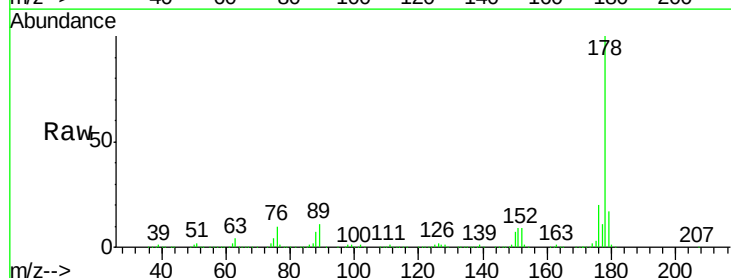
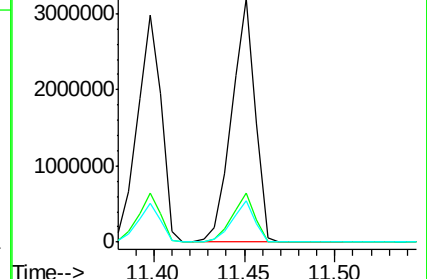
176 20.4 15.6 23.4

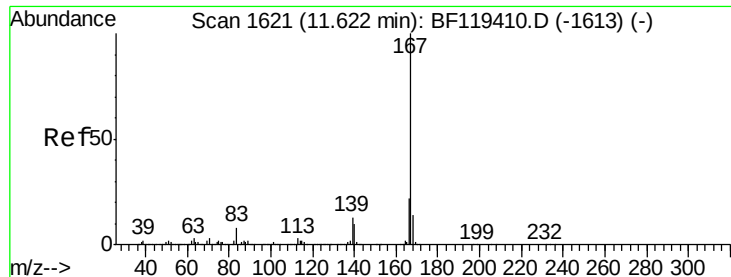
179 17.1 13.1 19.7

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





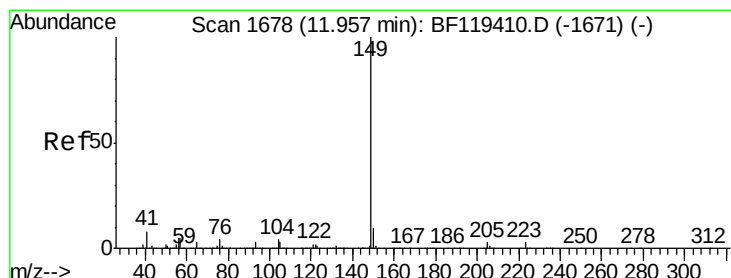
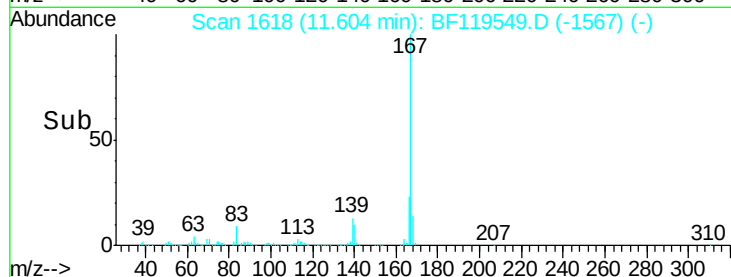
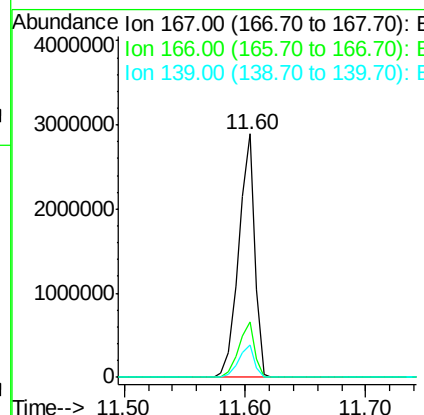
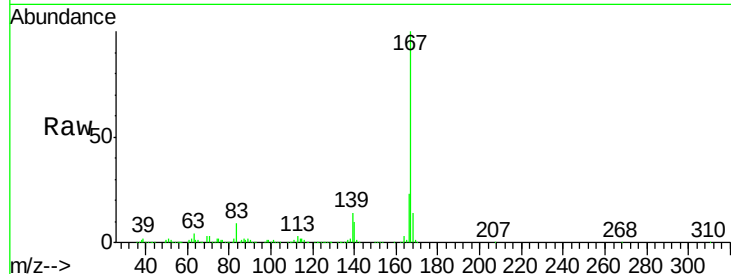
#73
 Carbazole
 Concen: 44.046 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MSD

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.7	17.8	26.6	
139	13.5	10.2	15.4	

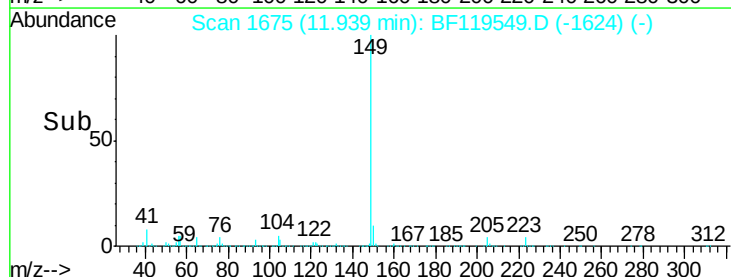
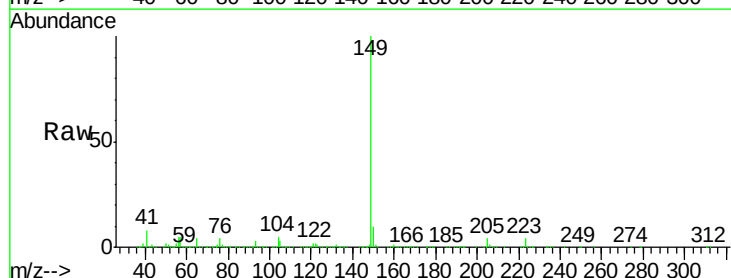
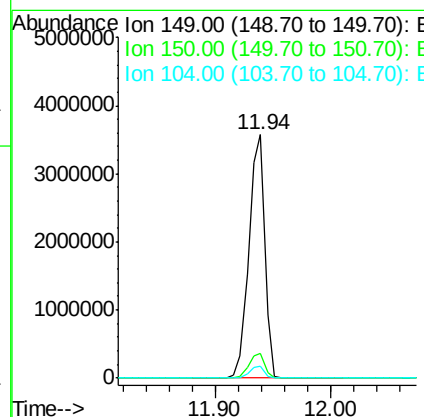
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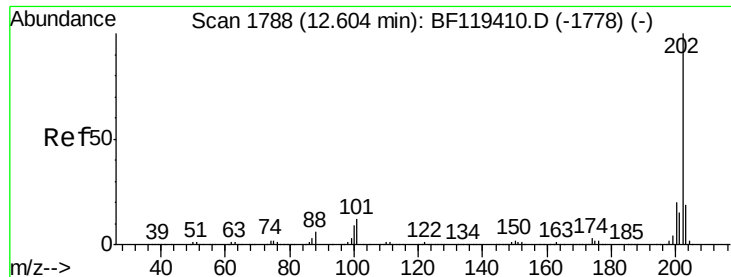
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#74
 Di-n-butylphthalate
 Concen: 52.097 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	10.0	7.6	11.4	
104	4.8	3.5	5.3	





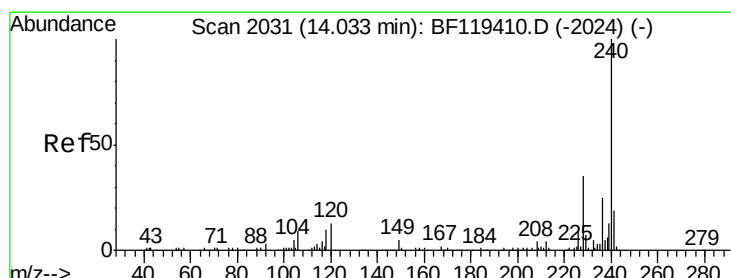
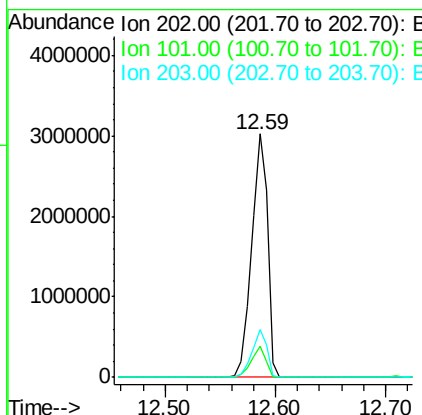
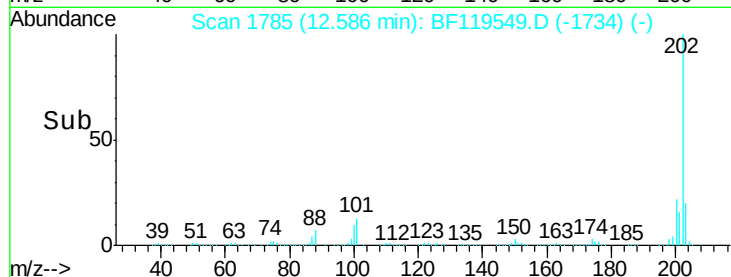
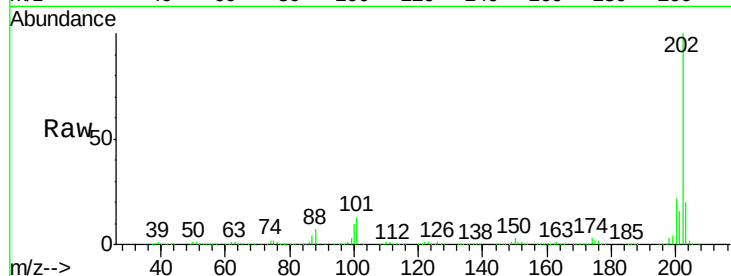
#75
Fluoranthene
Concen: 46.850 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	32.4
203	19.5	0.0	38.5

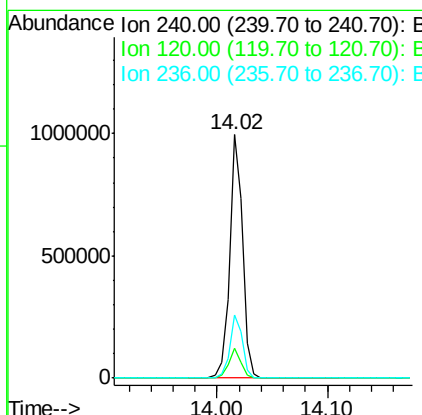
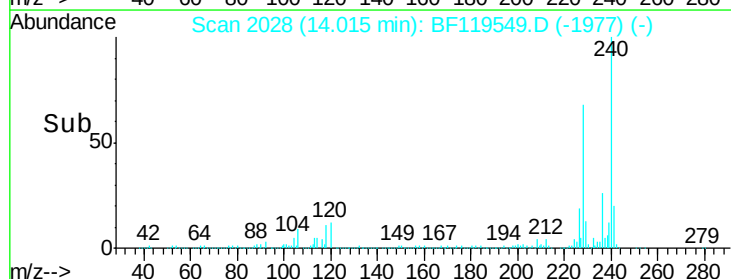
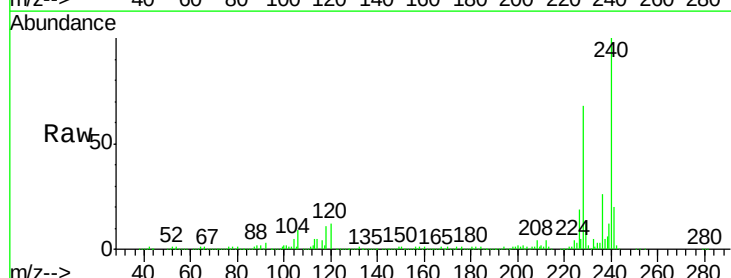
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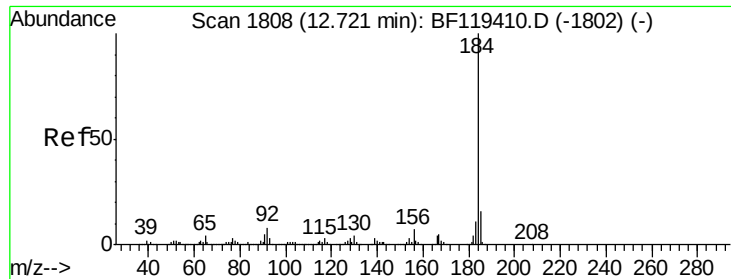
mohammad
3/30/2020 8:50:57 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.4	10.2	15.4
236	25.7	20.4	30.6





#77

Benzidine

Concen: 51.959 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

Tot Ion:184 Resp: 1782192

Ion Ratio Lower Upper

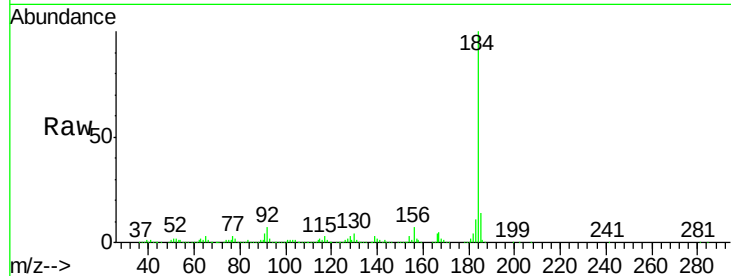
184 100

185 14.2 12.9 19.3

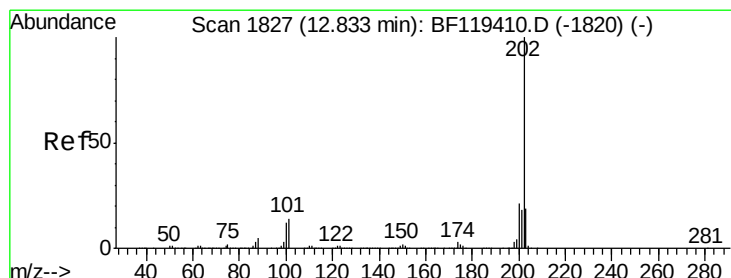
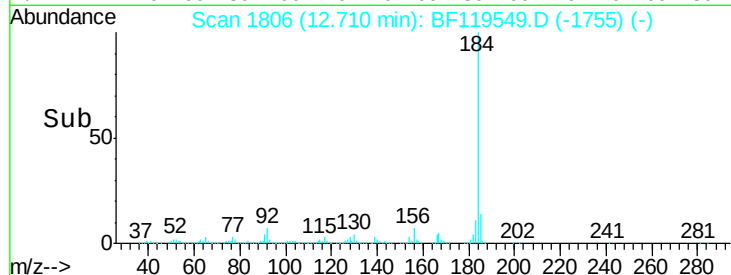
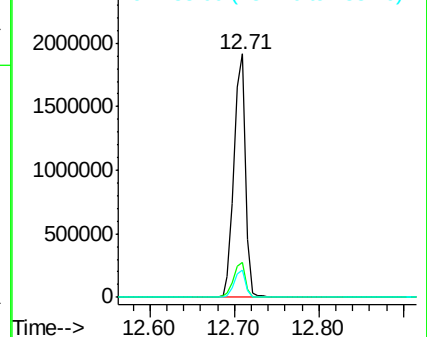
183 11.1 9.0 13.4

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



#78

Pyrene

Concen: 46.360 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

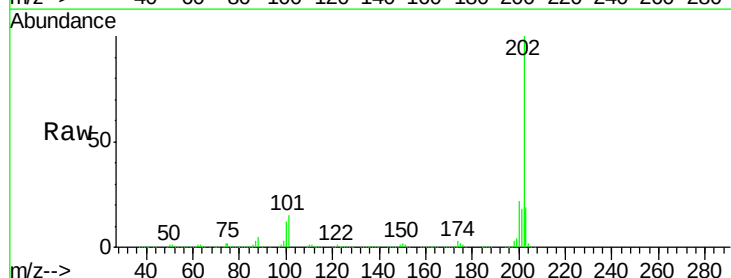
Tgt Ion:202 Resp: 3083641

Ion Ratio Lower Upper

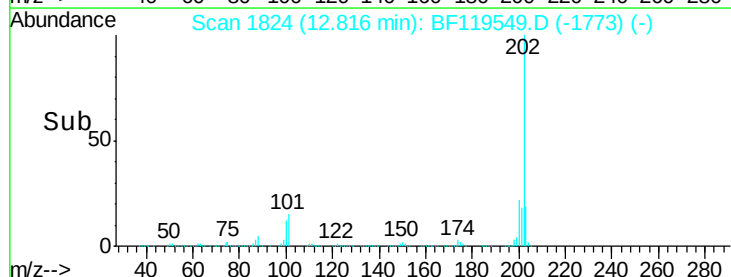
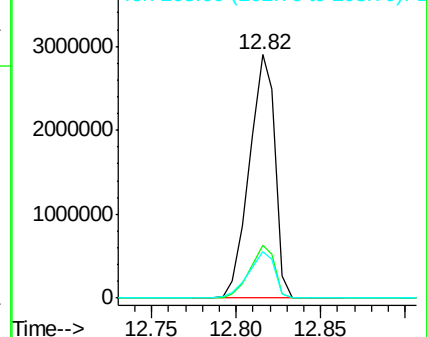
202 100

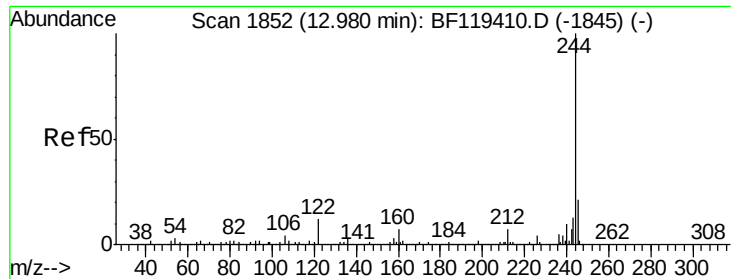
200 21.6 16.8 25.2

203 19.1 14.8 22.2



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





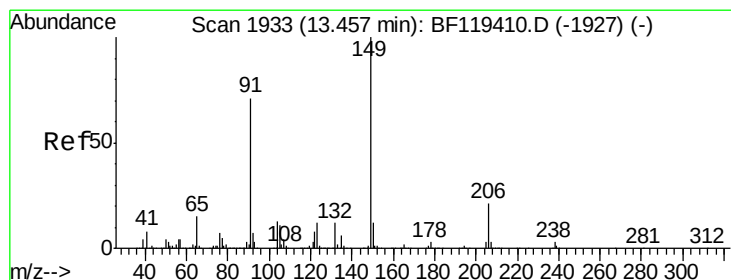
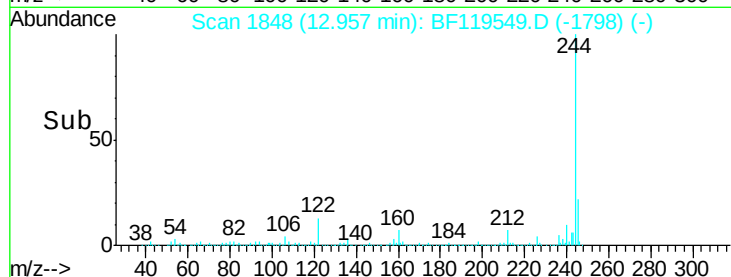
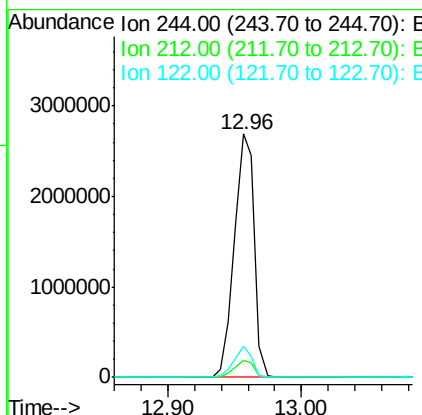
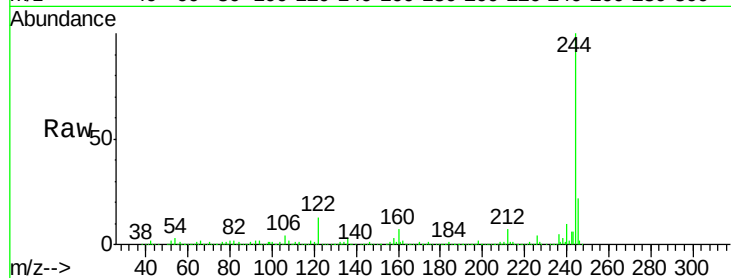
#79
 Terphenyl-d14
 Concen: 67.962 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MSD

Tot Ion:244 Resp: 2811425
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 12.9 9.8 14.8

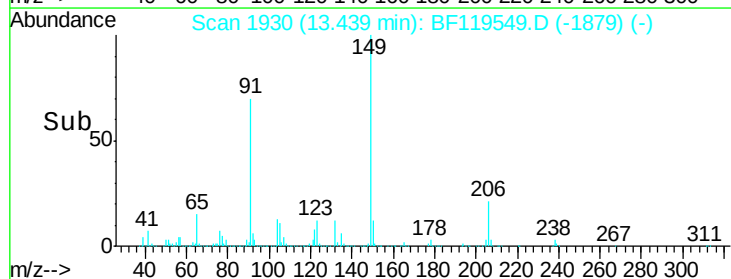
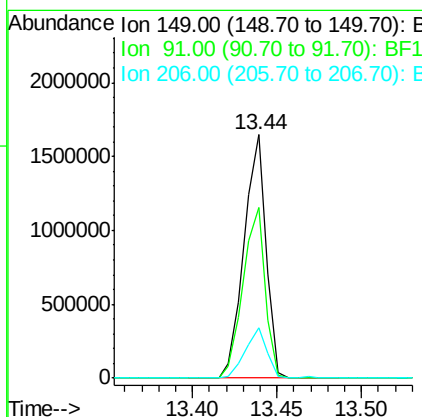
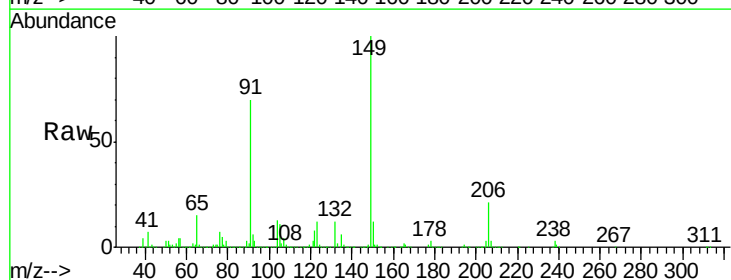
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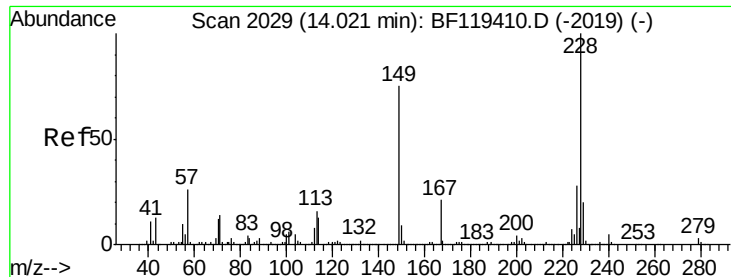
mohammad
 3/30/2020 8:50:57 AM



#80
 Butylbenzylphthalate
 Concen: 55.804 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Tgt Ion:149 Resp: 1501267
 Ion Ratio Lower Upper
 149 100
 91 70.1 57.0 85.6
 206 20.8 16.4 24.6





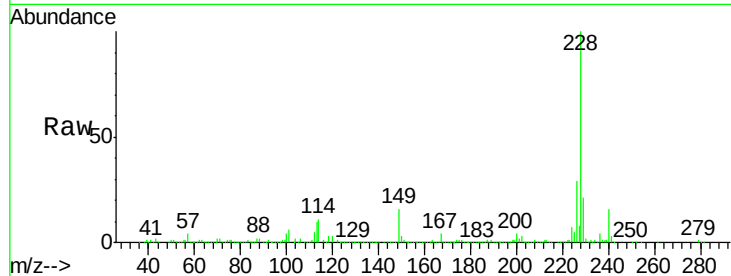
#81
Benzo(a)anthracene
Concen: 45.289 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

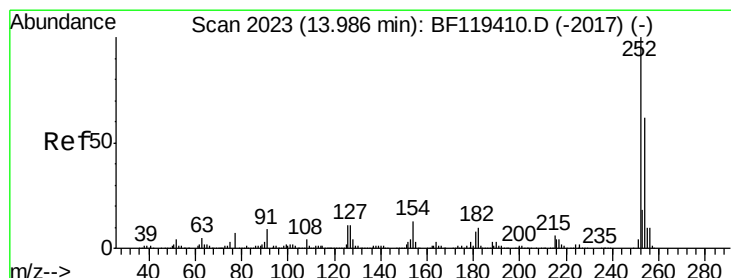
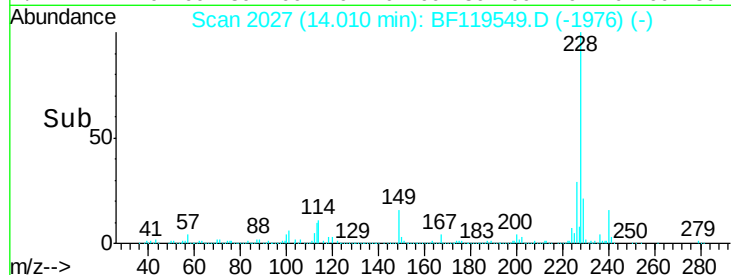
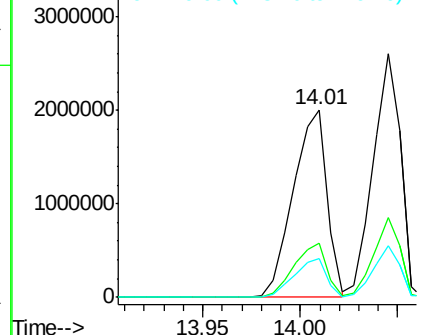
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.3	33.5
229	20.6	16.3	24.5

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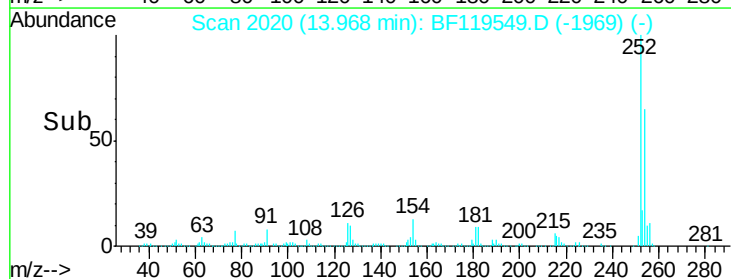
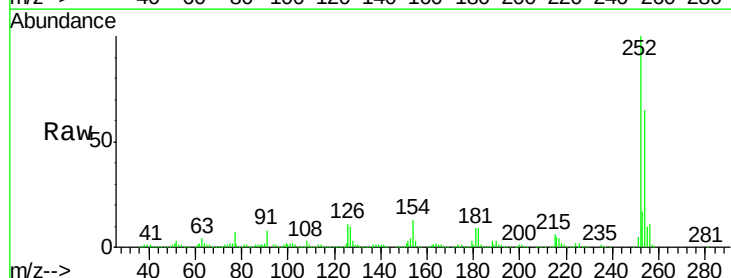
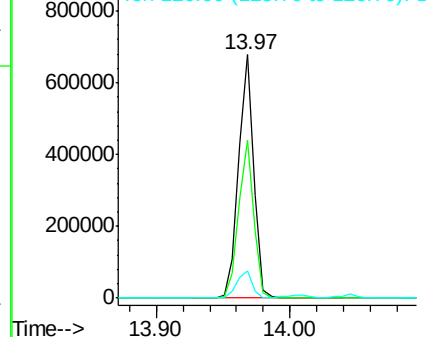
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

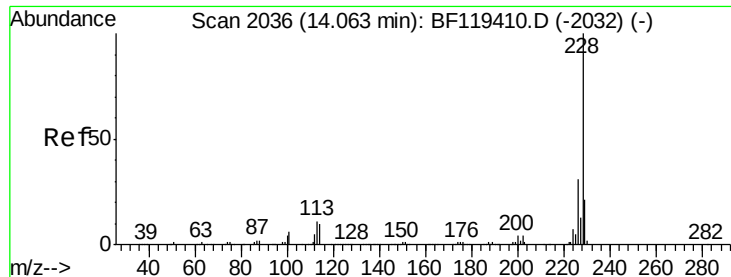


#82
3,3'-Dichlorobenzidine
Concen: 26.396 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	49.8	74.8
126	11.4	8.9	13.3

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





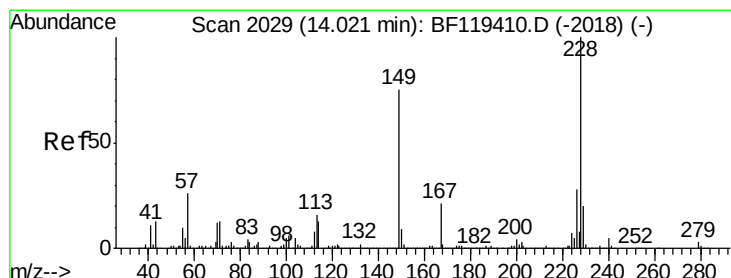
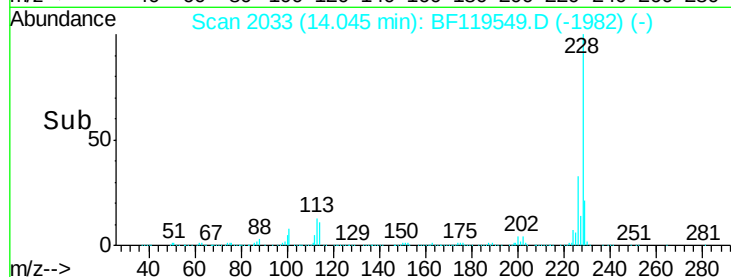
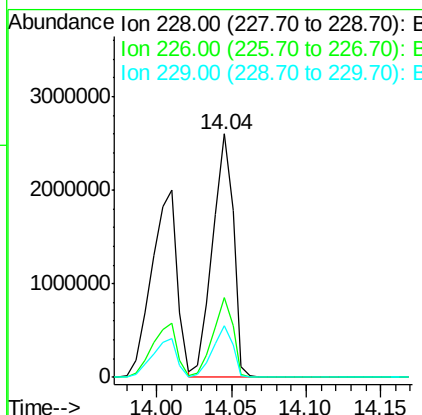
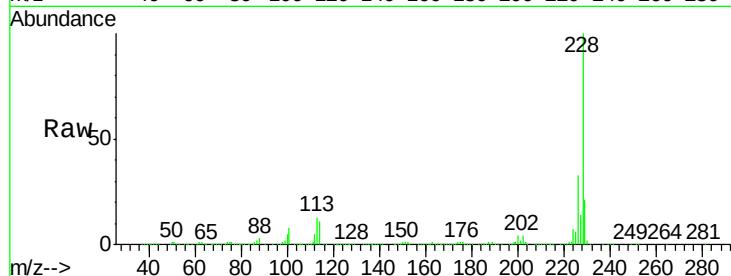
#83
Chrysene
Concen: 46.613 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

Tot Ion:228 Resp: 2535406
Ion Ratio Lower Upper
228 100
226 32.6 24.8 37.2
229 21.4 16.6 25.0

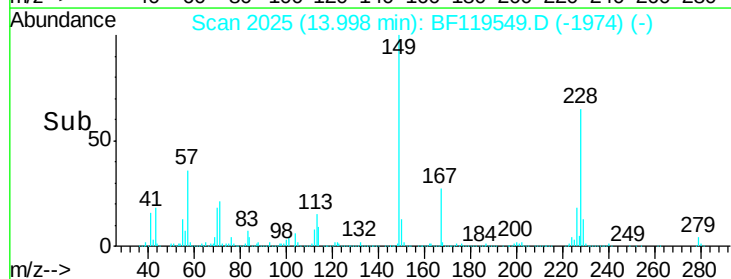
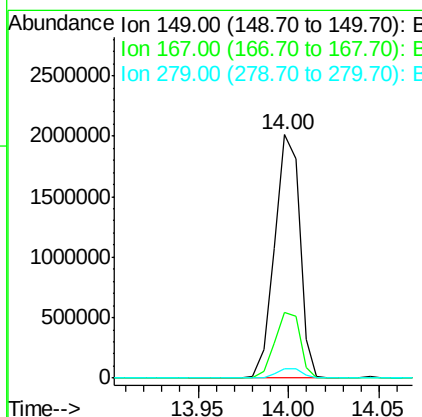
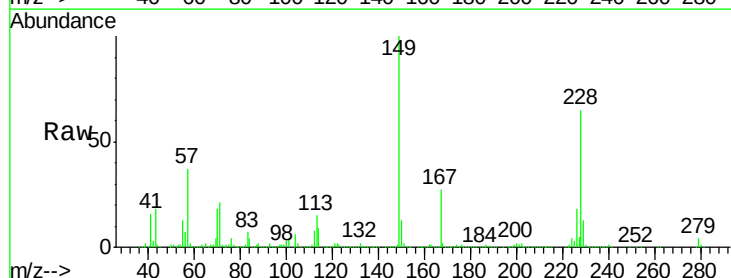
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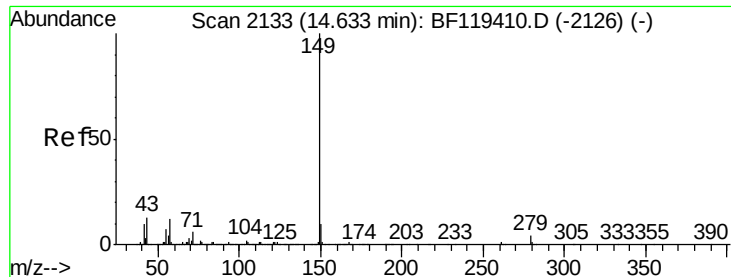
mohammad
3/30/2020 8:50:57 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 60.495 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tgt Ion:149 Resp: 1940085
Ion Ratio Lower Upper
149 100
167 27.1 22.0 33.0
279 3.6 3.2 4.8





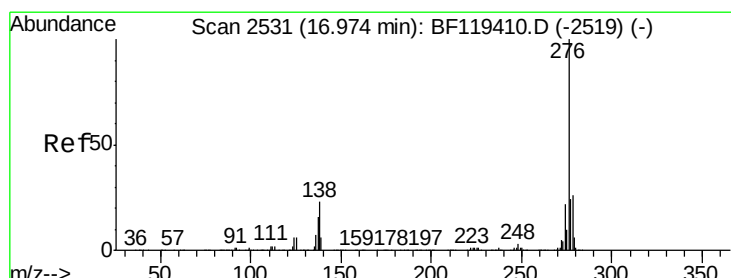
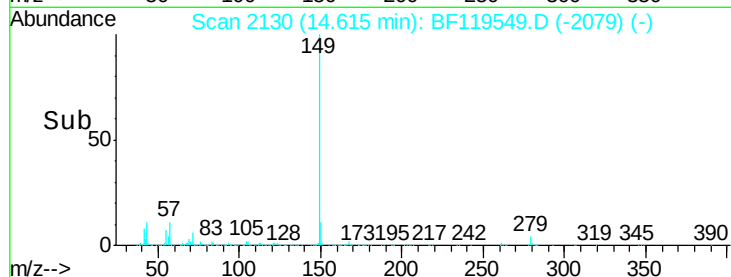
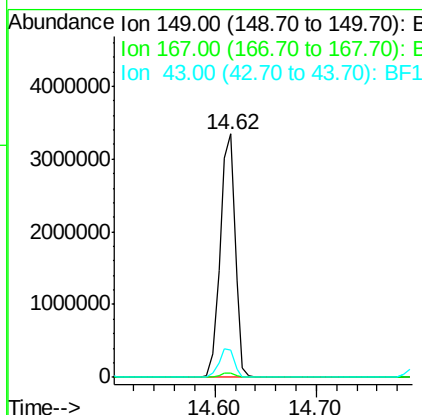
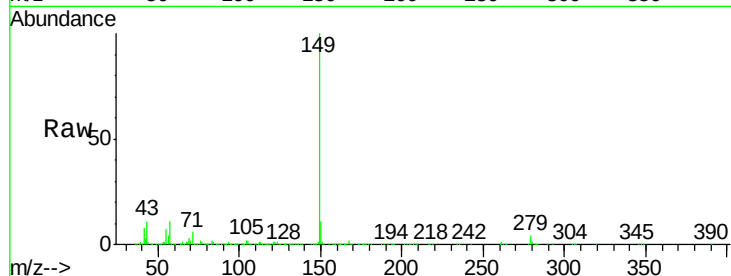
#85
Di-n-octyl phthalate
Concen: 60.462 ng
RT: 14.62 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.1	1.7
43	11.7	10.1	15.1

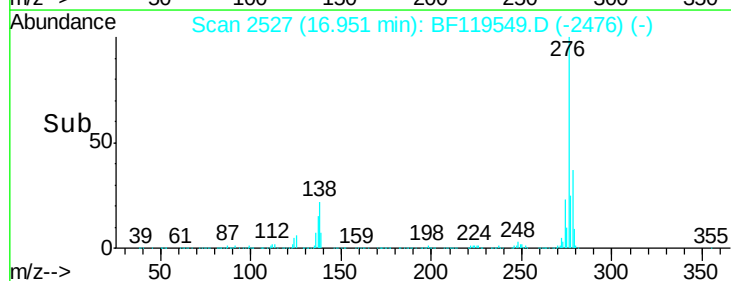
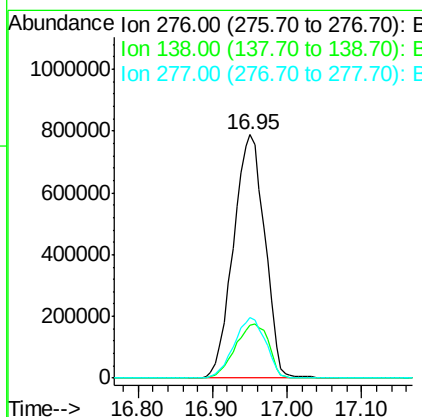
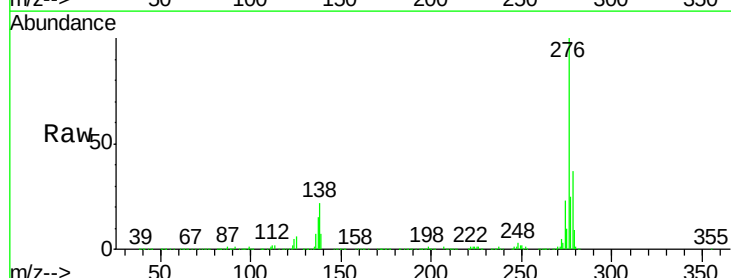
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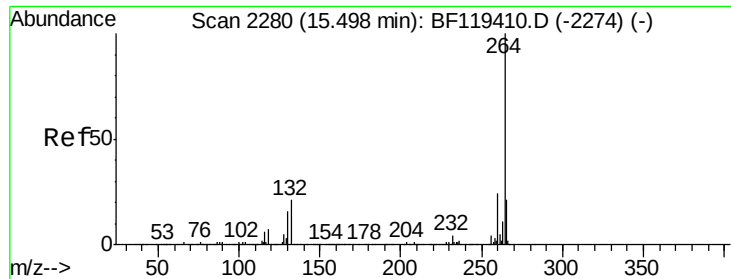
mohammad
3/30/2020 8:50:57 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.946 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.0	21.3	31.9
277	25.1	20.2	30.2





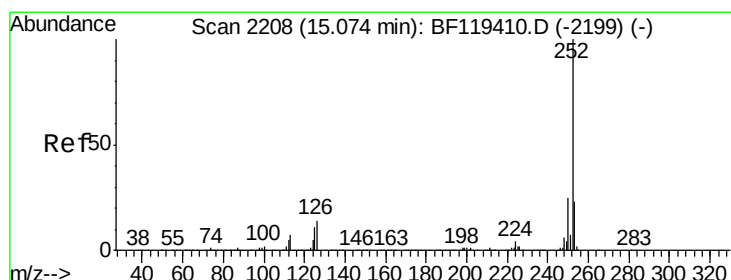
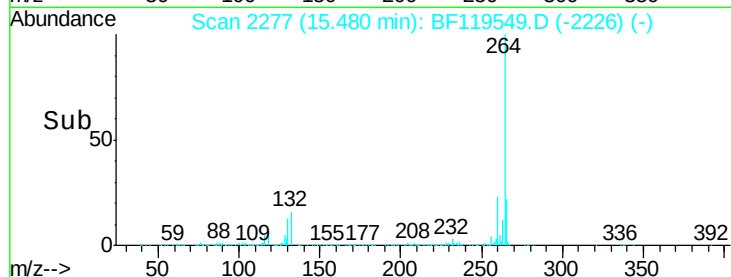
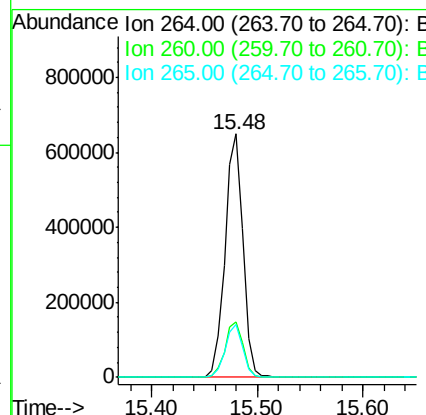
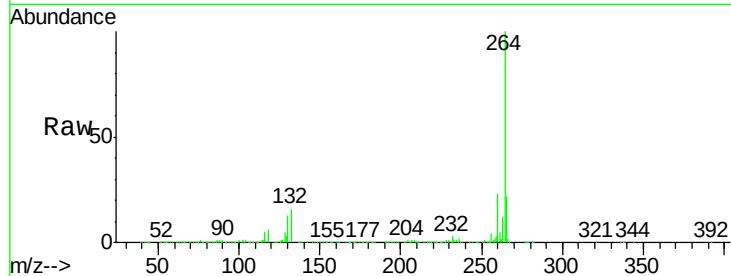
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.7	16.9	25.3

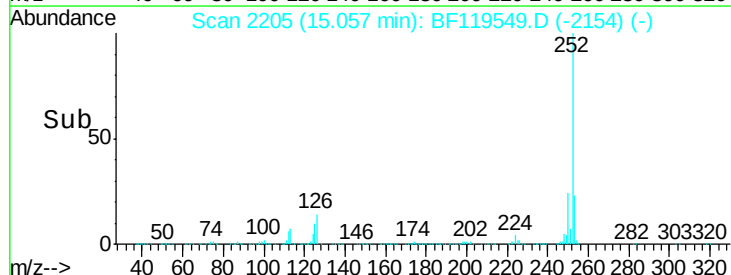
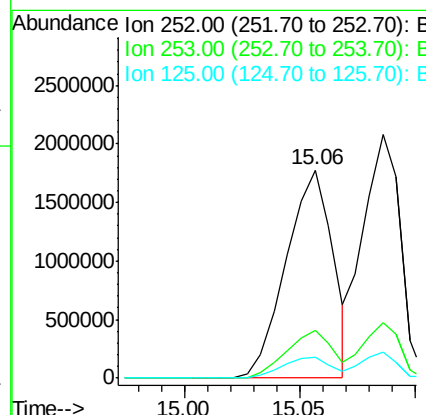
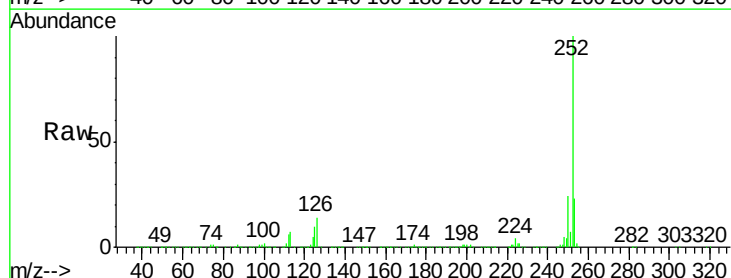
Manual Integrations
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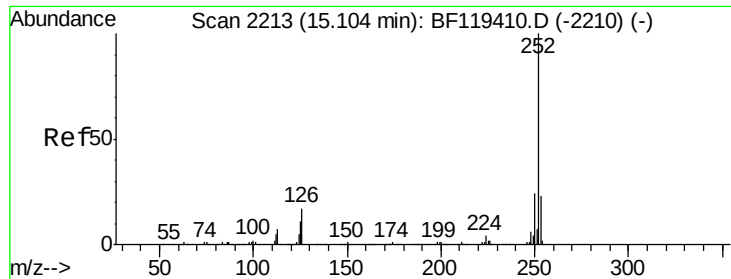
mohammad
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#88
Benzo(b)fluoranthene
Concen: 48.643 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	10.0	8.8	13.2





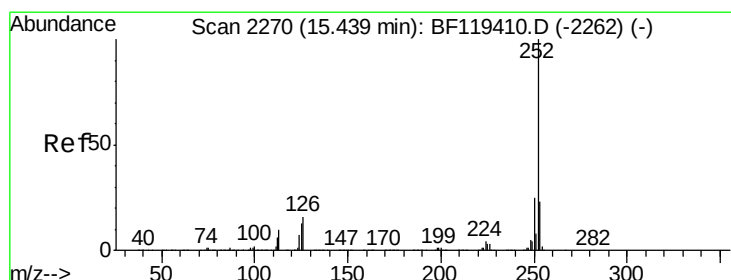
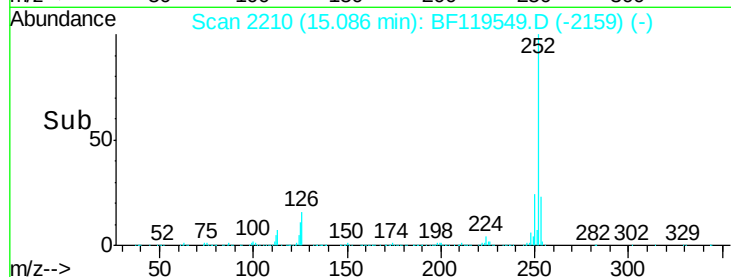
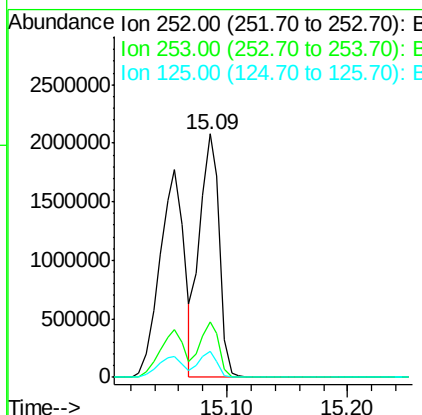
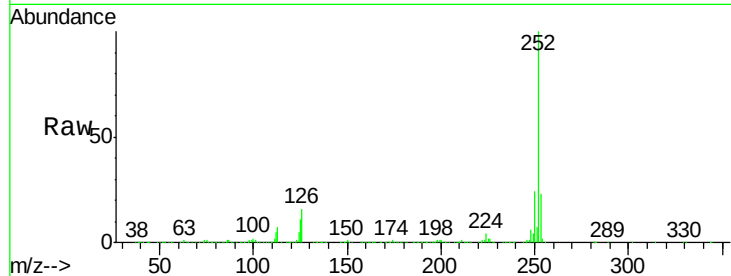
#89
Benzo(k)fluoranthene
Concen: 47.755 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	10.9	9.0	13.4

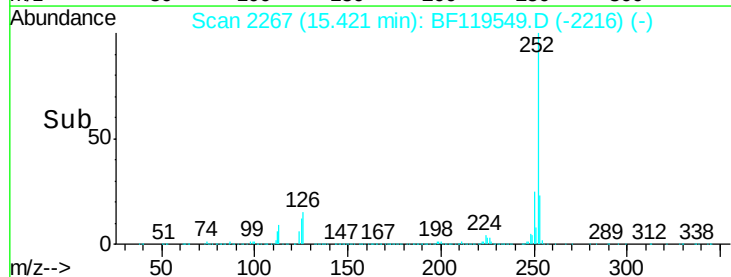
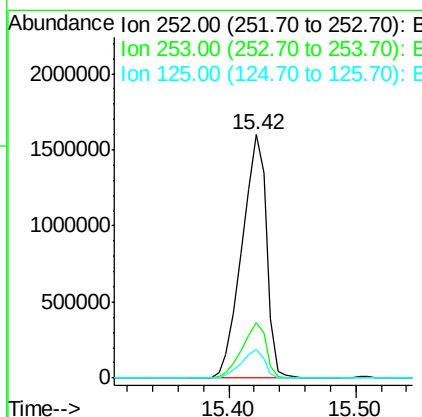
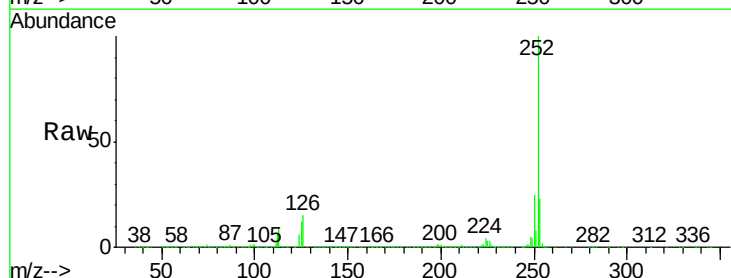
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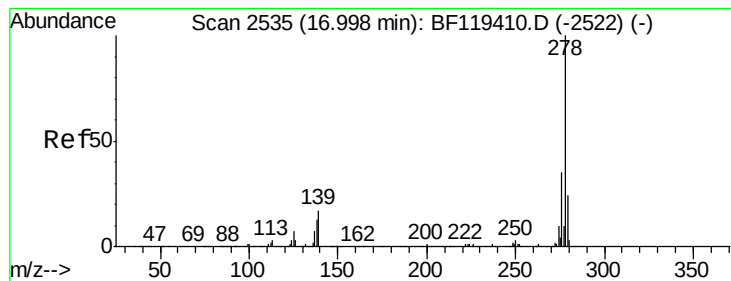
mohammad
3/30/2020 8:50:57 AM



#90
Benzo(a)pyrene
Concen: 45.986 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	12.0	10.2	15.2





#91

Dibenzo(a,h)anthracene

Concen: 45.998 ng

RT: 16.97 min Scan# 2531

Delta R.T. 0.01 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

Tot Ion:278 Resp: 1884006

Ion Ratio Lower Upper

278 100

139 15.5 13.7 20.5

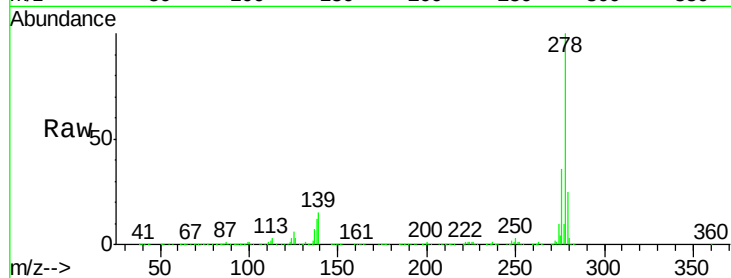
279 24.7 19.2 28.8

Manual Integrations

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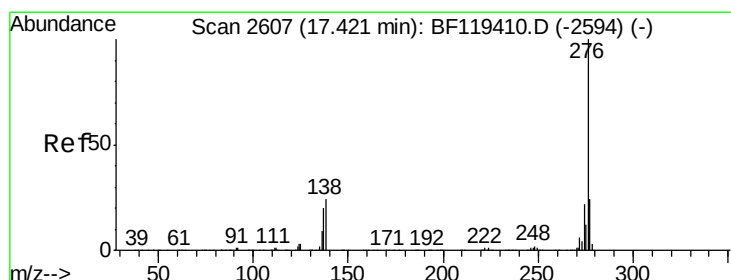
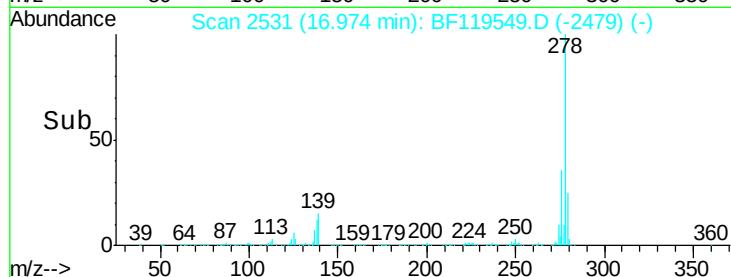
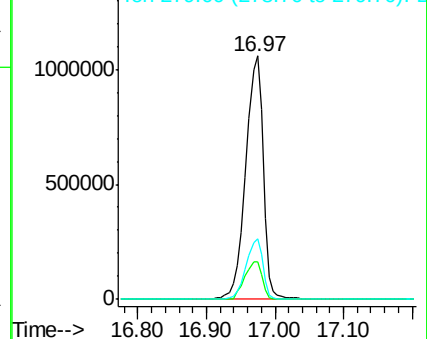
3/30/2020 8:50:57 AM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.439 ng

RT: 17.40 min Scan# 2603

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

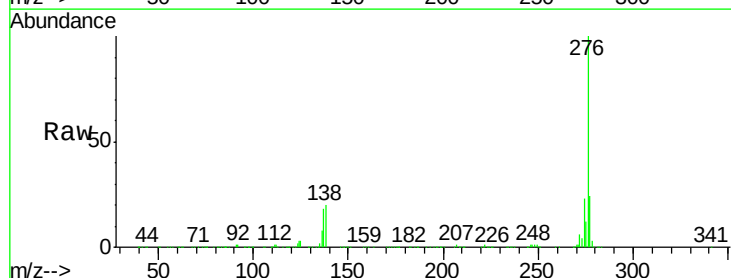
Tgt Ion:276 Resp: 1869699

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 20.1 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

