

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061020\
 Data File : BF120592.D
 Acq On : 10 Jun 2020 15:44
 Operator : JU/CG
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Manual Integrations
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 6/11/2020 1:48:48 PM

Quant Time: Jun 10 18:10:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 10 13:32:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	181869	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	643817	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	323495	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	604880	20.00	ng	0.00
76) Chrysene-d12	13.97	240	436175	20.00	ng	0.00
86) Perylene-d12	15.40	264	487160	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1726143	185.59	ng	0.01
7) Phenol-d6	6.46	99	2146728	182.09	ng	0.02
23) Nitrobenzene-d5	7.38	82	2023660	196.01	ng	0.01
42) 2,4,6-Tribromophenol	10.64	330	609616	182.58	ng	0.01
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
79) Terphenyl-d14	0.00	244	0d	0.00	ng	

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	448072	92.325	ng	99
3) Pyridine	3.25	79	1263626	97.270	ng	99
4) n-Nitrosodimethylamine	3.23	42	522226	94.967	ng	97
6) Aniline	6.48	93	1451901	91.224	ng	100
8) 2-Chlorophenol	6.60	128	983042	91.445	ng	97
9) Benzaldehyde	6.36	77	654239	107.496	ng	99
10) Phenol	6.47	94	1134026	82.976	ng	84
11) bis(2-Chloroethyl)ether	6.55	93	996702	92.992	ng	99
12) 1,3-Dichlorobenzene	6.75	146	1050679	89.812	ng	99
13) 1,4-Dichlorobenzene	6.83	146	1014414	85.838	ng	99
15) Benzyl Alcohol	6.96	79	726887	79.582	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1422665	89.881	ng	97
17) 2-Methylphenol	7.07	107	903487	95.740	ng	97
18) Hexachloroethane	7.32	117	397891	92.049	ng	95
19) n-Nitroso-di-n-propylamine	7.24	70	662307	91.496	ng	98
22) Acetophenone	7.23	105	1152621	87.085	ng	# 92
24) Nitrobenzene	7.40	77	1047882	96.664	ng	98
25) Isophorone	7.64	82	1959972	98.121	ng	99
26) 2-Nitrophenol	7.71	139	558277	99.863	ng	96
27) 2,4-Dimethylphenol	7.75	122	808397	98.885	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	1089478	91.778	ng	99
29) 2,4-Dichlorophenol	7.96	162	851230	99.584	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	923701	96.288	ng	99
31) Naphthalene	8.12	128	2556320	88.497	ng	98
32) Benzoic acid	7.92	122	702875	105.058	ng	98
33) 4-Chloroaniline	8.17	127	1345379	104.355	ng	99
34) Hexachlorobutadiene	8.23	225	509301	90.836	ng	99
35) Caprolactam	8.57	113	314634m	107.211	ng	
36) 4-Chloro-3-methylphenol	8.66	107	861042	97.461	ng	99
37) 2-Methylnaphthalene	8.80	142	1696172	88.191	ng	98
38) 1-Methylnaphthalene	8.90	142	1587697	90.119	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	803022	93.870	ng	99
41) Hexachlorocyclopentadiene	8.95	237	524785	107.289	ng	99
43) 2,4,6-Trichlorophenol	9.08	196	622023	102.491	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.13	196	695007	100.722	nq	96
46) 1,1'-Biphenyl	9.27	154	1949961	88.810	nq	99
47) 2-Chloronaphthalene	9.29	162	1627190	89.904	nq	97
48) 2-Nitroaniline	9.39	65	531594	94.344	nq	99
49) Acenaphthylene	9.71	152	2440454	89.071	nq	98
50) Dimethylphthalate	9.58	163	2063288	96.083	nq	100
51) 2,6-Dinitrotoluene	9.64	165	467365	97.800	nq	97
52) Acenaphthene	9.88	154	1487784	90.851	nq	100
53) 3-Nitroaniline	9.81	138	574290	101.632	nq	98
54) 2,4-Dinitrophenol	9.91	184	297992	115.714	nq	96
55) Dibenzofuran	10.05	168	2169019	87.644	nq	94
56) 4-Nitrophenol	9.97	139	448617	108.877	nq	97
57) 2,4-Dinitrotoluene	10.04	165	584336	93.806	nq	# 85
59) 2,3,4,6-Tetrachlorophenol	10.17	232	549006	101.976	nq	100
60) Diethylphthalate	10.27	149	1981008	95.717	nq	98
62) 4-Nitroaniline	10.43	138	547639	96.077	nq	99
63) Azobenzene	10.55	77	1678887	86.687	nq	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	363565	112.073	nq	90
66) n-Nitrosodiphenylamine	10.51	169	1562684	96.442	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	586429	97.059	nq	96
68) Hexachlorobenzene	10.94	284	627665	96.674	nq	95
69) Atrazine	11.04	200	499967	108.914	nq	98
70) Pentachlorophenol	11.13	266	407329	116.240	nq	99
71) Phenanthrene	11.36	178	2458607	92.017	nq	98
72) Anthracene	11.41	178	2426128	89.836	nq	98
73) Carbazole	11.56	167	2443874	92.703	nq	97
74) Di-n-butylphthalate	11.89	149	2700917	86.162	nq	98
75) Fluoranthene	12.54	202	2682262	87.052	nq	99
77) Benzidine	12.66	184	1186933	114.360	nq	99
78) Pyrene	12.77	202	2744623	99.327	nq	98
80) Butylbenzylphthalate	13.39	149	1270850	105.088	nq	98
81) Benzo(a)anthracene	13.96	228	2240046	94.536	nq	98
82) 3,3'-Dichlorobenzidine	13.93	252	880756	101.535	nq	99
83) Chrysene	14.00	228	2321348	96.508	nq	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	1454629	94.897	nq	99
85) Di-n-octyl phthalate	14.56	149	2799312	100.842	nq	100
87) Indeno(1,2,3-cd)pyrene	16.84	276	2463702	89.857	nq	# 51
88) Benzo(b)fluoranthene	15.00	252	2762662	108.622	nq	99
89) Benzo(k)fluoranthene	15.03	252	1907854	82.745	nq	99
90) Benzo(a)pyrene	15.36	252	2172251	93.812	nq	100
91) Dibenzo(a,h)anthracene	16.87	278	1903943	85.984	nq	99
92) Benzo(g,h,i)perylene	17.29	276	2030508	93.694	nq	98

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

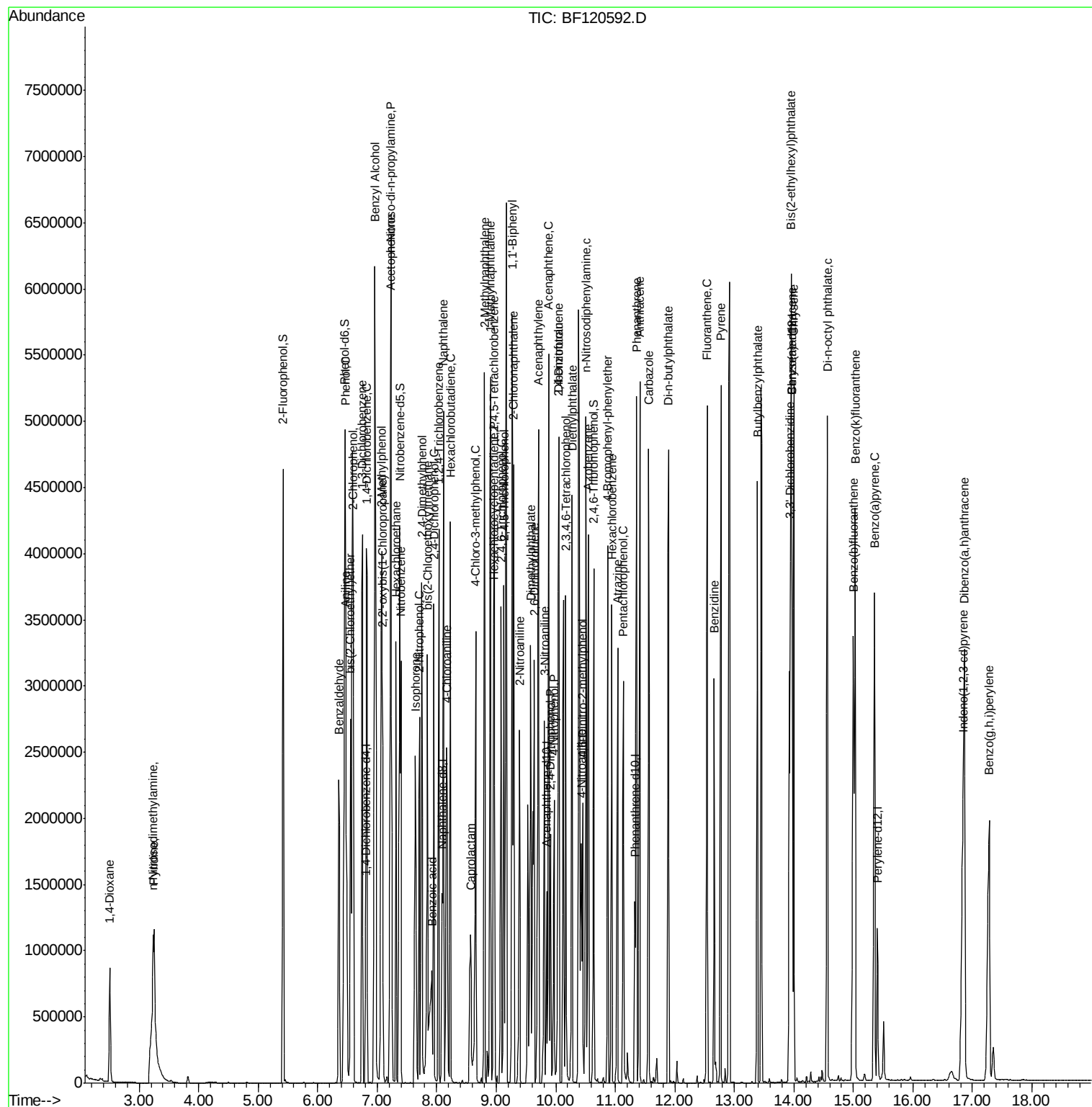
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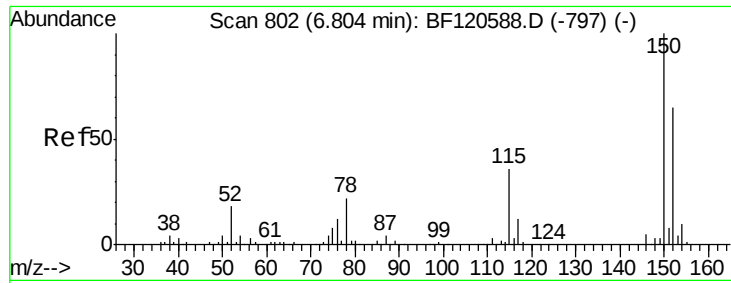
Instrument :
BNA_F
Client Sample ID :
SSTDICC100

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#1

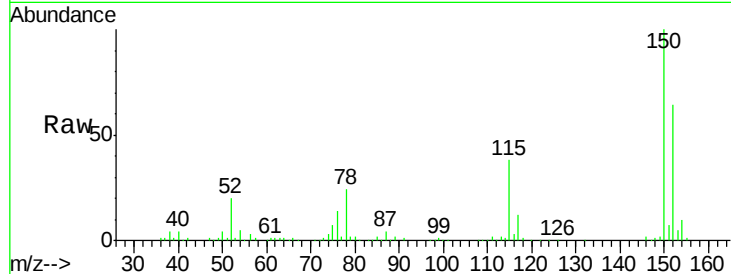
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

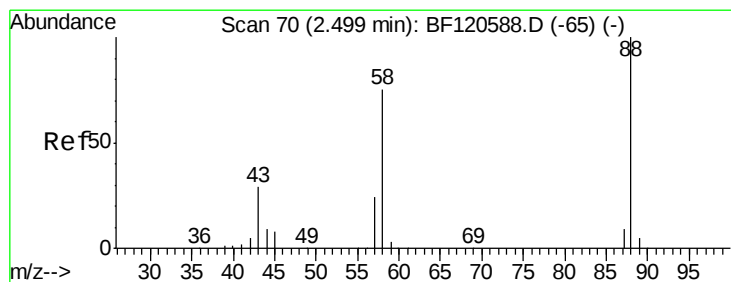
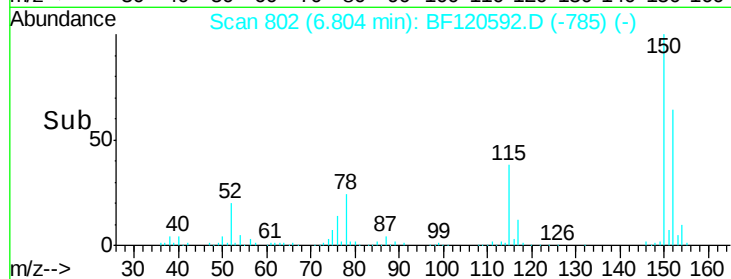
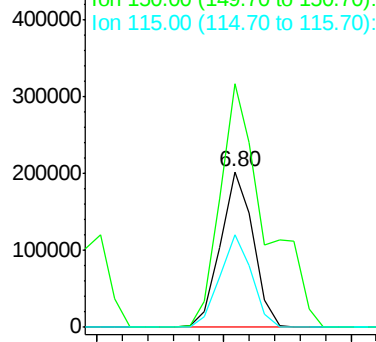
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	123.2	184.8
115	59.2	43.9	65.9

Manual Integrations
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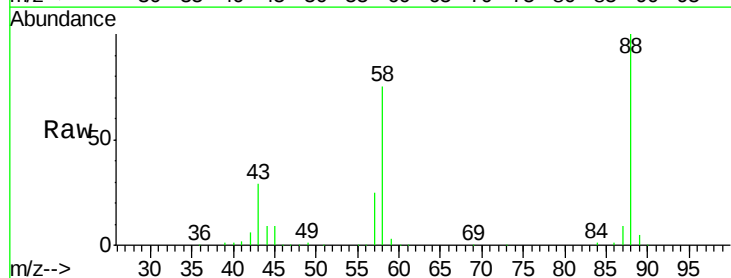
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



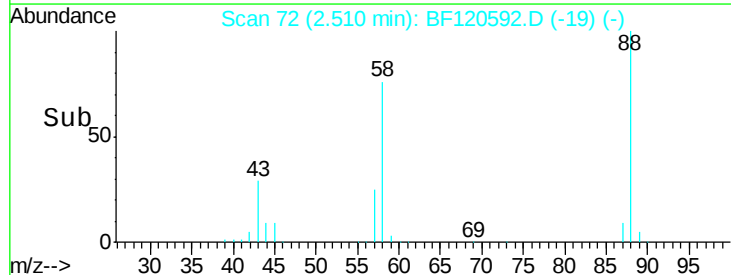
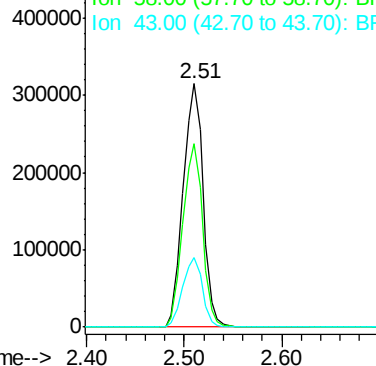
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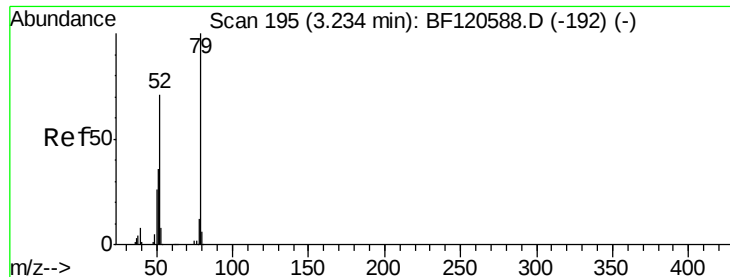
1,4-Dioxane
Concen: 92.325 ng
RT: 2.51 min Scan# 72
Delta R.T. 0.01 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.2	59.6	89.4
43	28.1	23.1	34.7



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





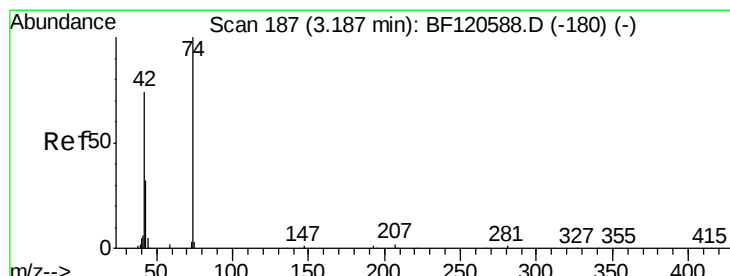
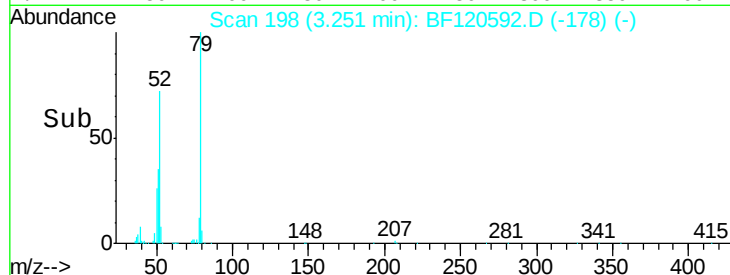
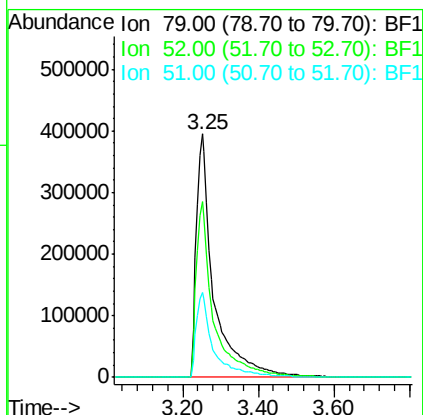
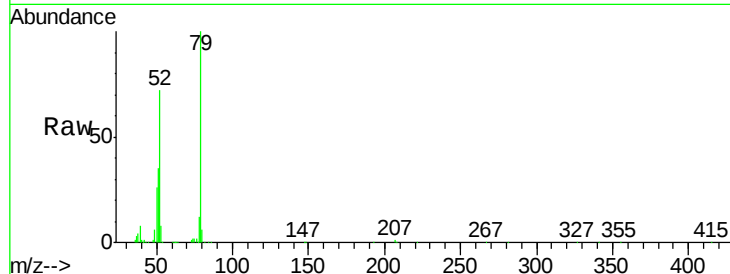
#3
 Pvridine
 Concen: 97.270 ng
 RT: 3.25 min Scan# 198
 Delta R.T. 0.02 min
 Lab File: BF120592.D
 Acq: 10 Jun 2020 15:44

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 SSTDICC100

Tot Ion: 79 Resp: 1263626
 Ion Ratio Lower Upper
 79 100
 52 72.1 57.0 85.6
 51 34.9 28.5 42.7

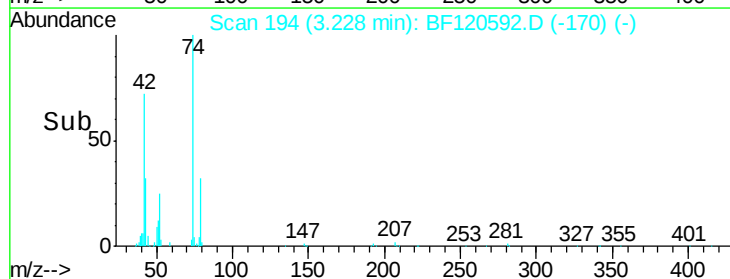
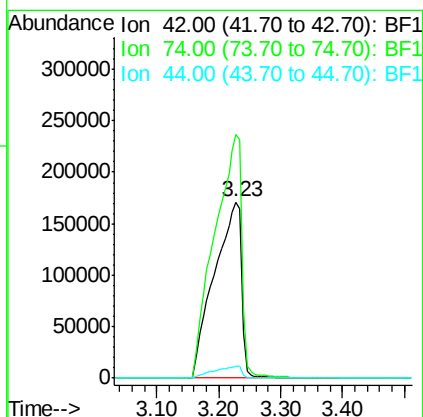
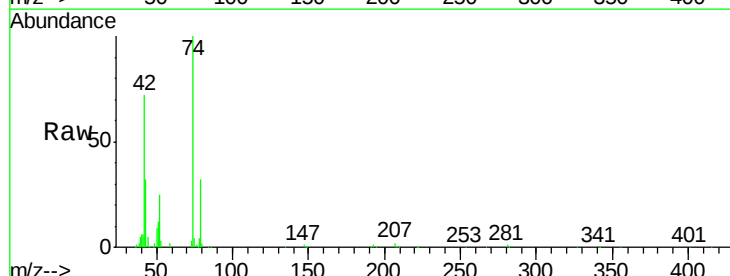
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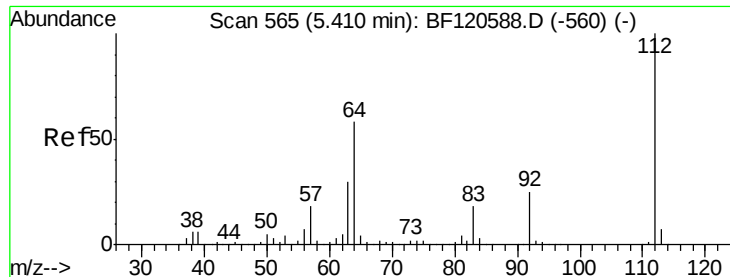
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#4
 n-Nitrosodimethylamine
 Concen: 94.967 ng
 RT: 3.23 min Scan# 194
 Delta R.T. 0.04 min
 Lab File: BF120592.D
 Acq: 10 Jun 2020 15:44

Tgt Ion: 42 Resp: 522226
 Ion Ratio Lower Upper
 42 100
 74 138.0 107.8 161.6
 44 6.9 5.1 7.7





#5

2-Fluorophenol

Concen: 185.590 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF120592.D

Acq: 10 Jun 2020 15:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion: 112 Resp: 1726143

Ion Ratio Lower Upper

112 100

64 57.8 46.1 69.1

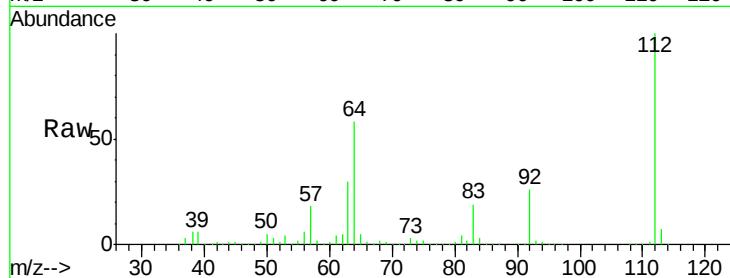
63 29.8 23.7 35.5

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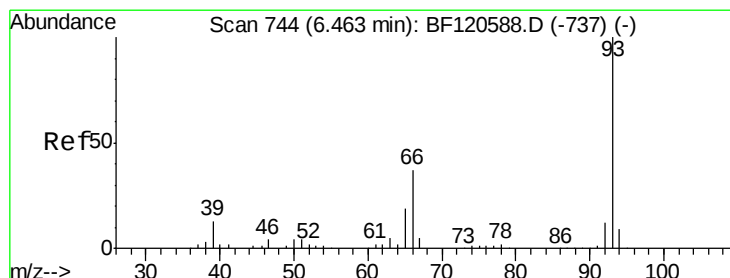
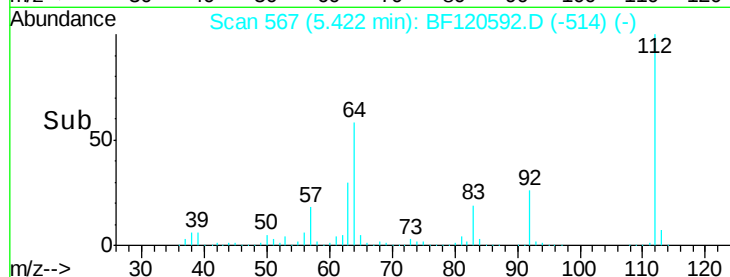
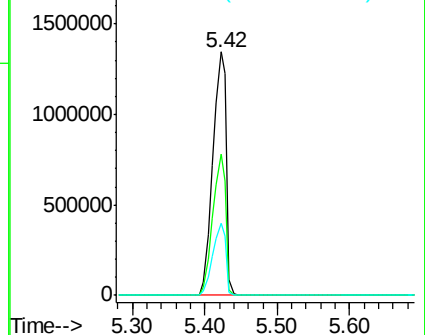
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 91.224 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.02 min

Lab File: BF120592.D

Acq: 10 Jun 2020 15:44

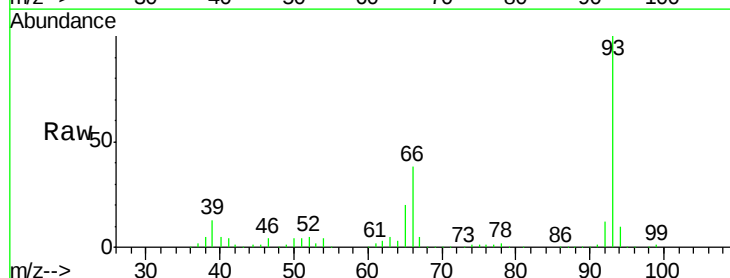
Tgt Ion: 93 Resp: 1451901

Ion Ratio Lower Upper

93 100

66 38.4 30.9 46.3

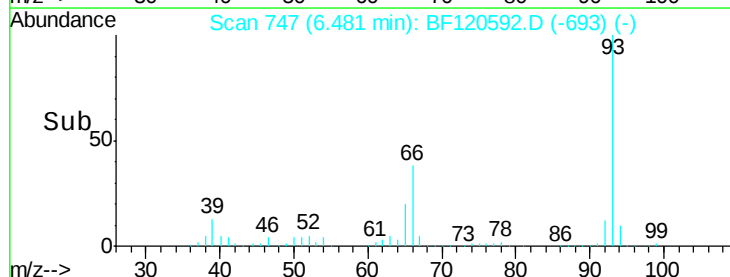
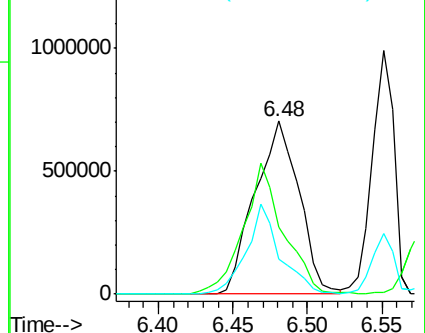
65 20.2 15.9 23.9

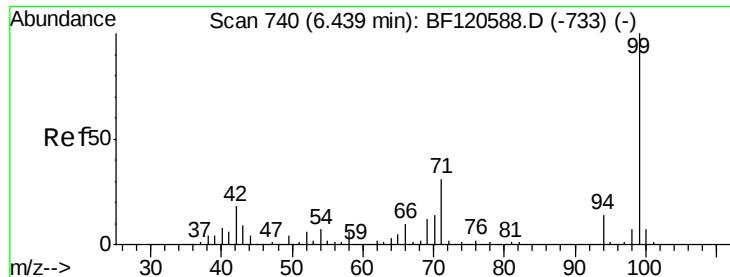


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 182.091 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.02 min

Lab File: BF120592.D

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ClientSampleId :

SSTDIC100

Tot Ion: 99 Resp: 2146728

Ion Ratio Lower Upper

99 100

42 18.9 14.0 21.0

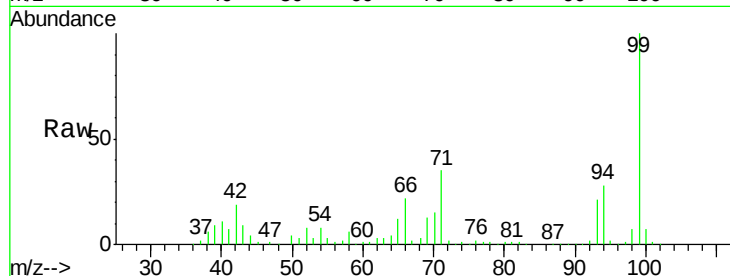
71 34.7 24.9 37.3

Manual Integrations

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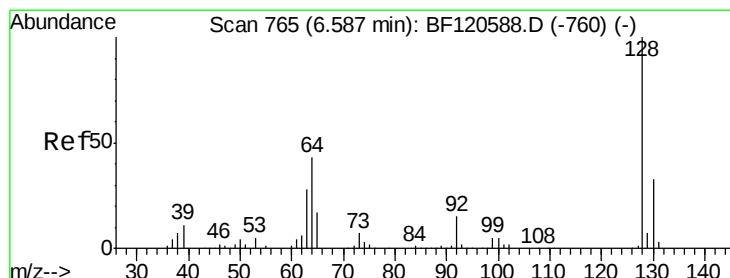
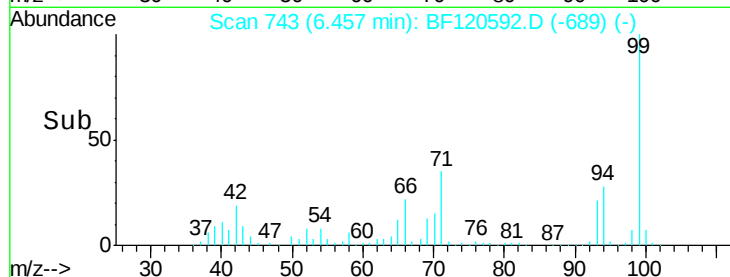
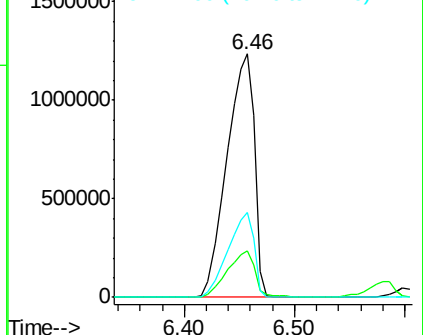
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 91.445 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF120592.D

Acq: 10 Jun 2020 15:44

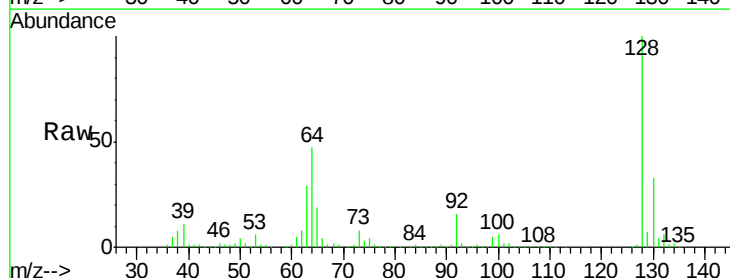
Tgt Ion:128 Resp: 983042

Ion Ratio Lower Upper

128 100

130 33.1 12.6 52.6

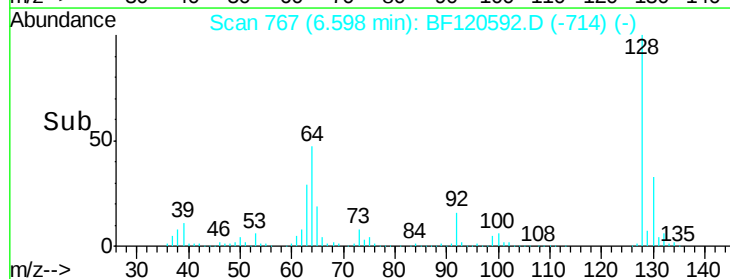
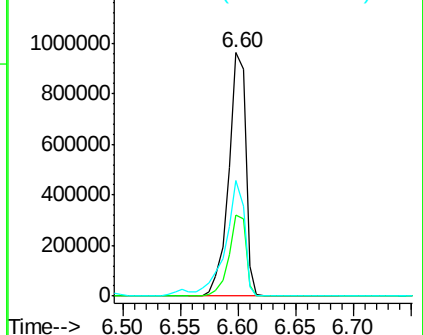
64 47.3 24.3 64.3

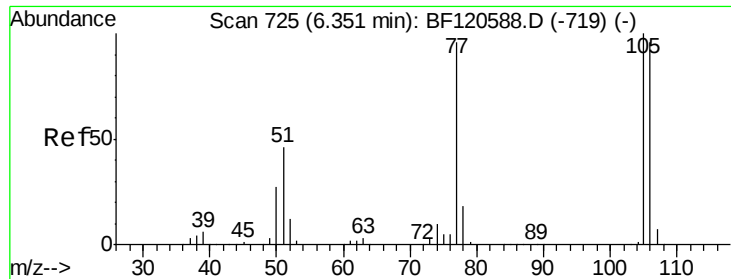


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 107.496 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

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ClientSampleId :

SSTDICC100

Tot Ion: 77 Resp: 654239

Ion Ratio Lower Upper

77 100

105 102.5 83.8 123.8

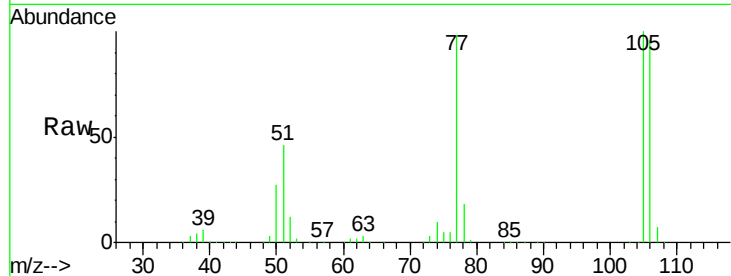
106 98.6 79.3 119.3

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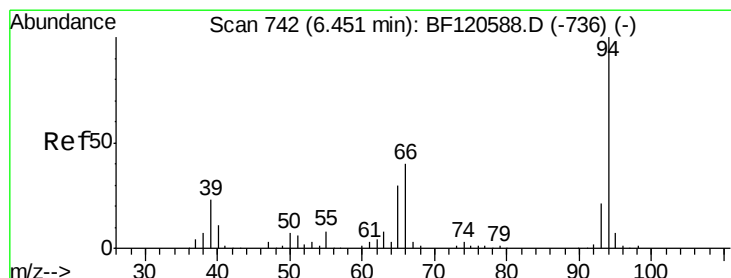
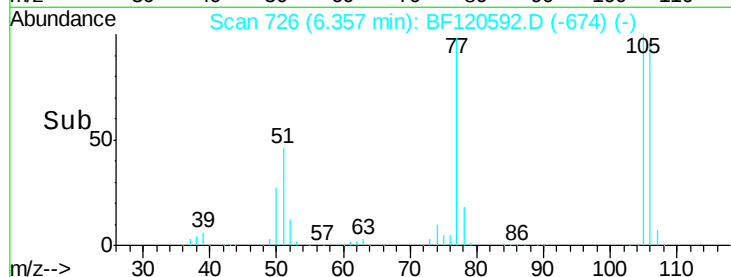
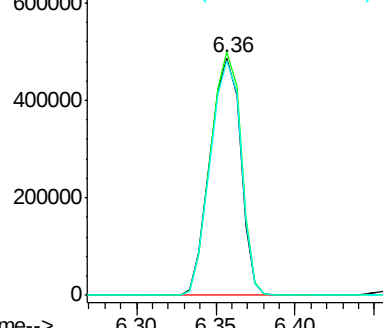
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 82.976 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.02 min

Lab File: BF120592.D

Acq: 10 Jun 2020 15:44

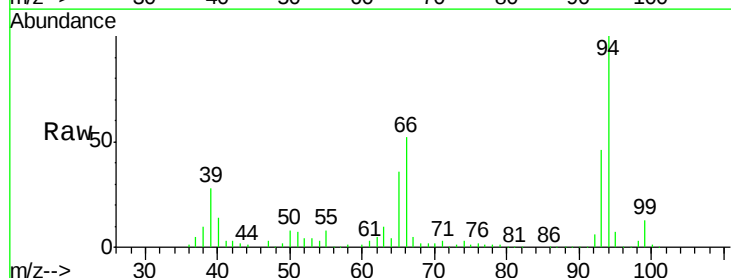
Tgt Ion: 94 Resp: 1134026

Ion Ratio Lower Upper

94 100

65 35.9 9.9 49.9

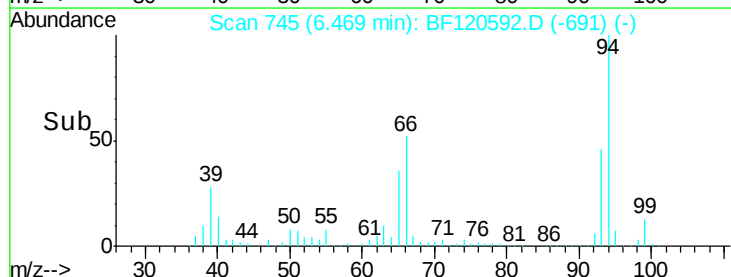
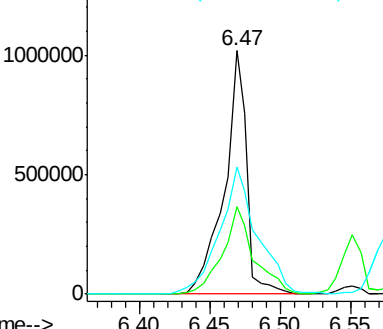
66 52.3 20.1 60.1

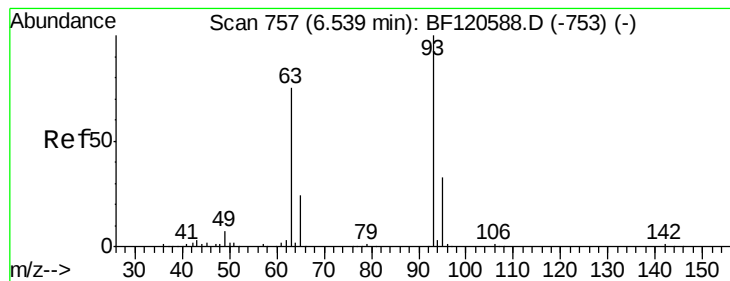


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





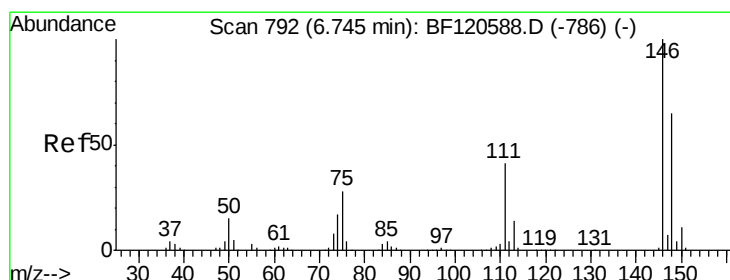
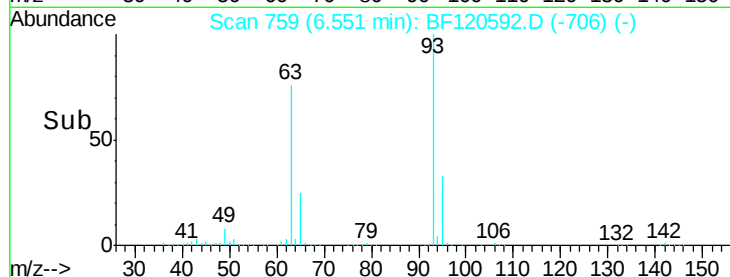
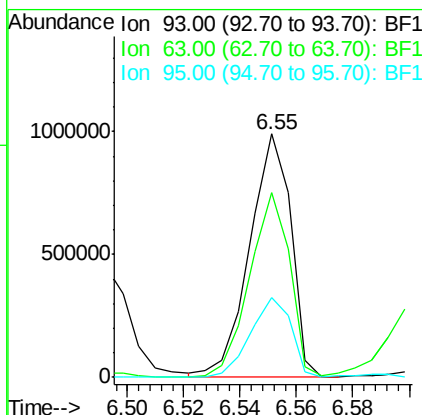
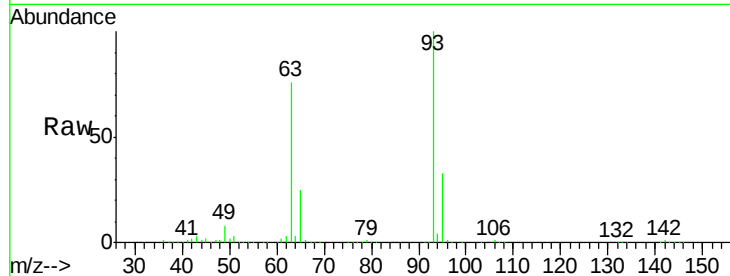
#11
bis(2-Chloroethyl)ether
Concen: 92.992 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.01 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
93	100	996702		
63	75.7		54.4	94.4
95	33.0		12.9	52.9

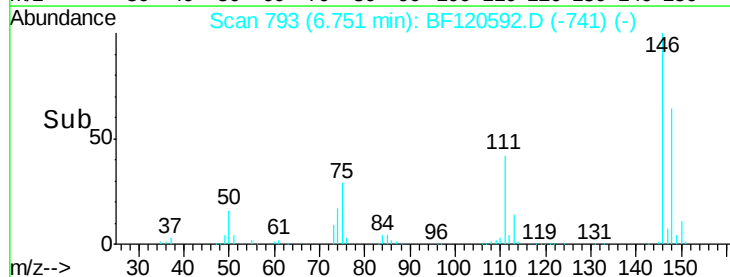
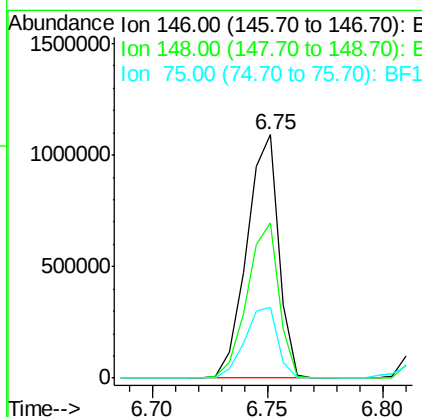
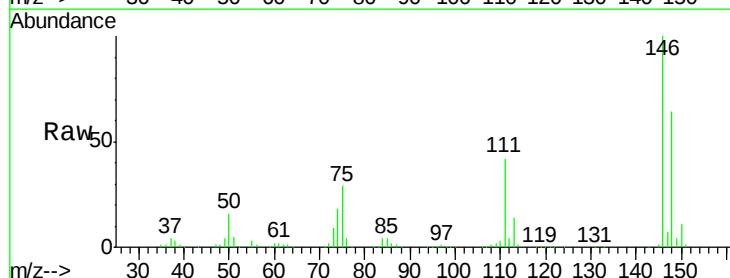
Manual Integrations
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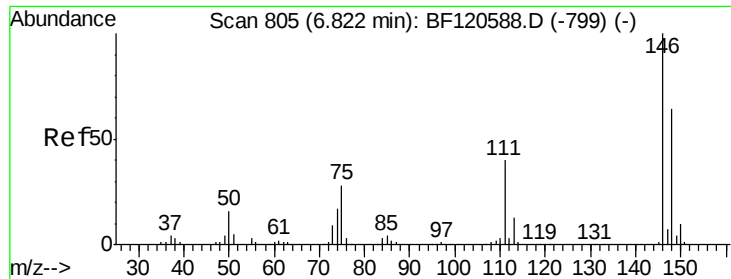
mohammad
6/11/2020 1:48:48 PM



#12
1,3-Dichlorobenzene
Concen: 89.812 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	1050679		
148	63.9		51.8	77.6
75	29.2		22.2	33.4





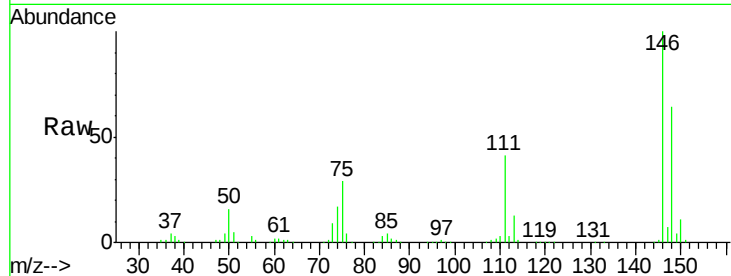
#13
1,4-Dichlorobenzene
Concen: 85.838 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

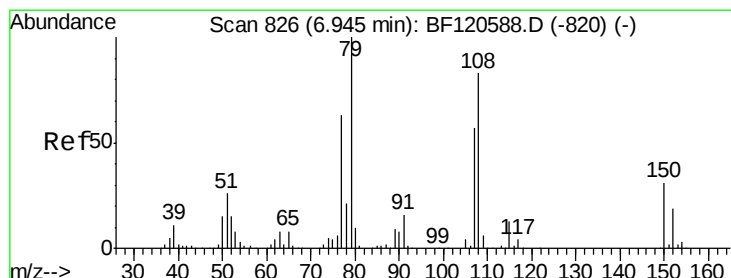
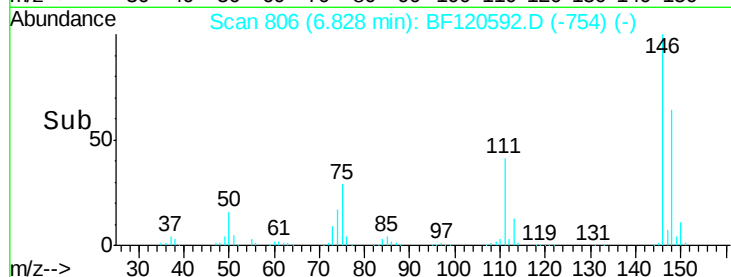
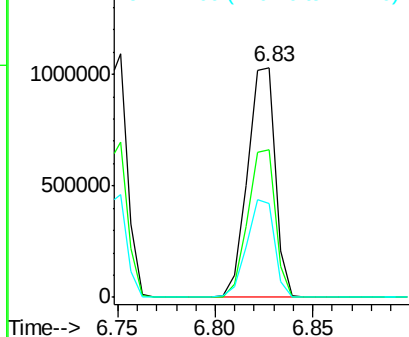
Tot Ion:146 Resp: 1014414
Ion Ratio Lower Upper
146 100
148 64.0 51.5 77.3
111 40.6 32.2 48.4

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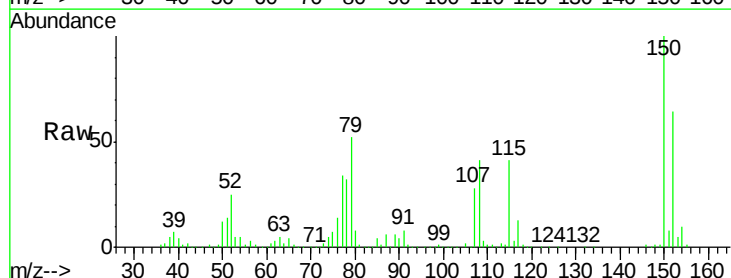


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

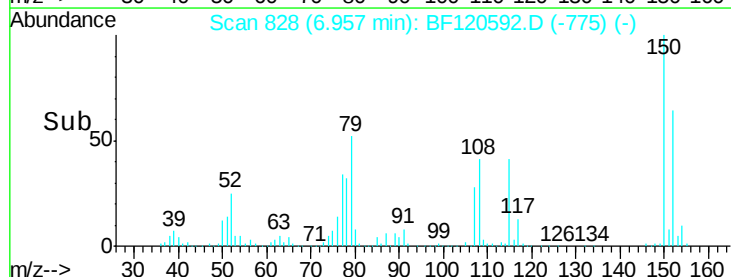
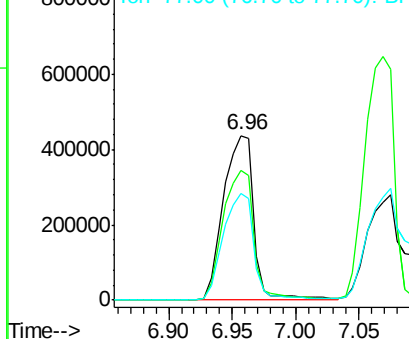


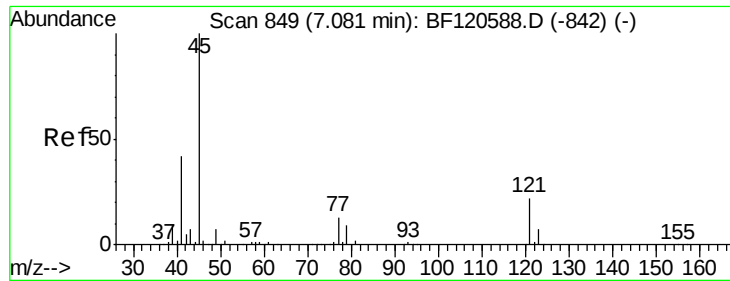
#15
Benzyl Alcohol
Concen: 79.582 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Tgt Ion: 79 Resp: 726887
Ion Ratio Lower Upper
79 100
108 78.8 66.8 100.2
77 65.0 50.6 76.0



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





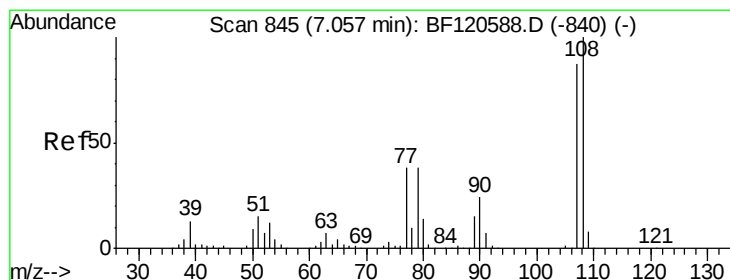
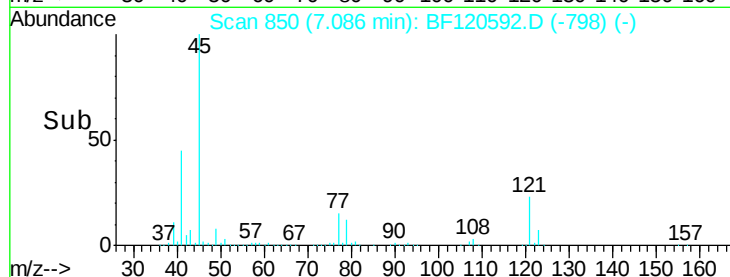
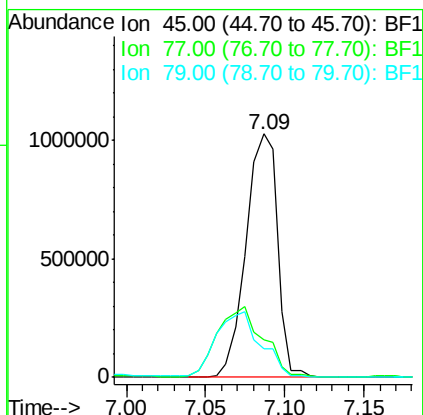
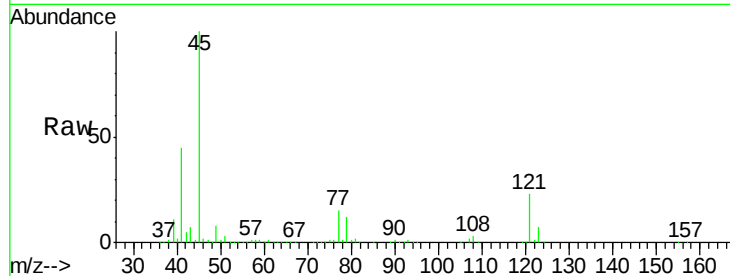
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 89.881 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	34.2
79	11.9	0.0	30.9

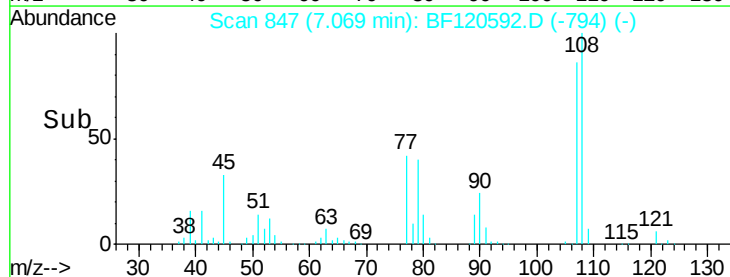
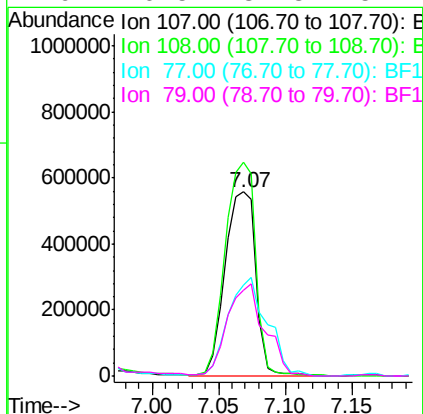
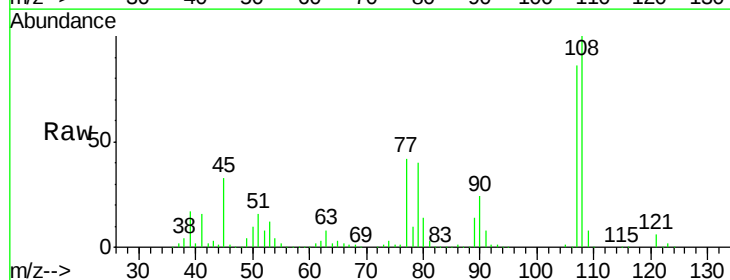
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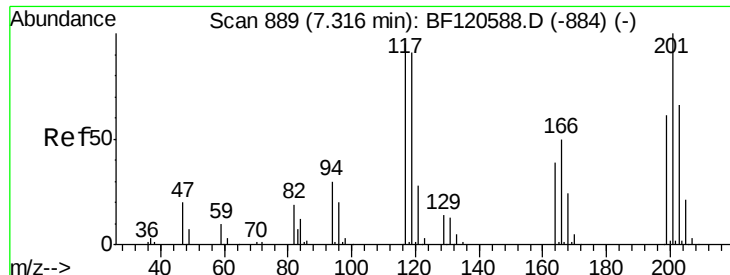
mohammad
6/11/2020 1:48:48 PM



#17
2-Methylphenol
Concen: 95.740 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.01 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	116.2	91.9	137.9
77	49.2	35.4	53.2
79	46.5	34.8	52.2





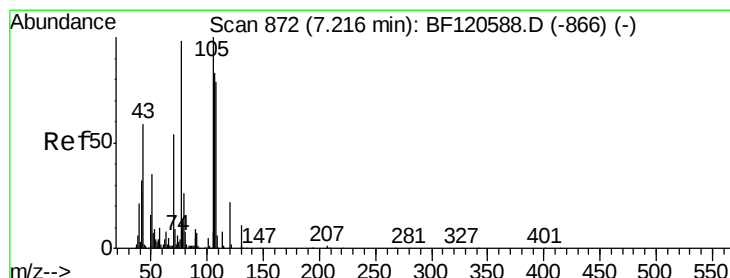
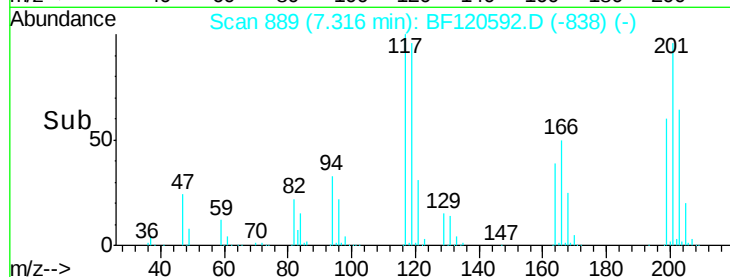
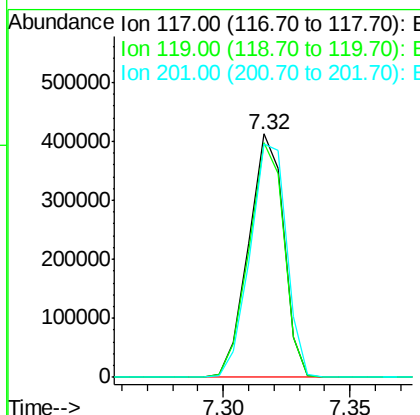
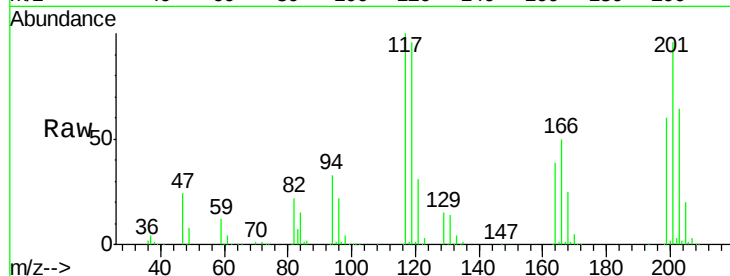
#18
Hexachloroethane
Concen: 92.049 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Instrument :
BNA_F
ClientSampled :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.9	115.3
201	96.0	84.6	127.0

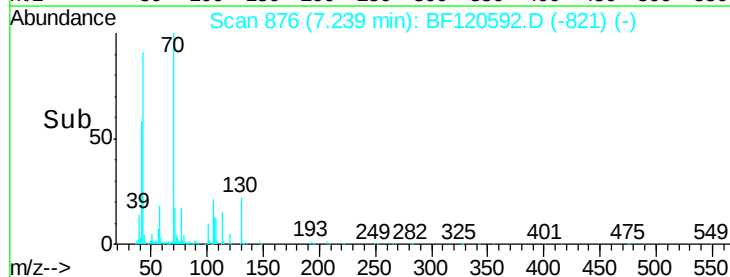
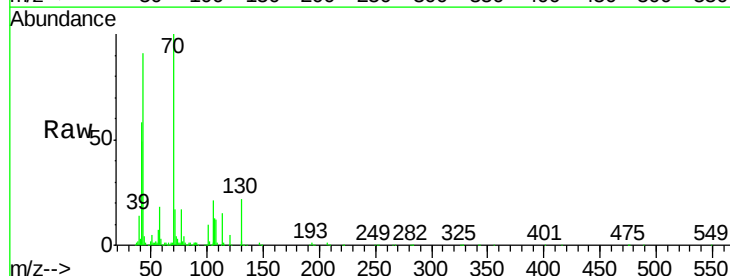
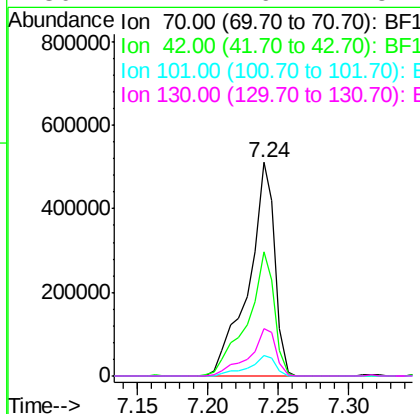
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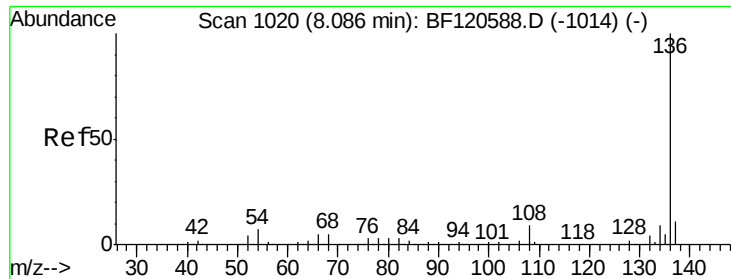
mohammad
6/11/2020 1:48:48 PM



#19
n-Nitroso-di-n-propylamine
Concen: 91.496 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.02 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Tgt Ion	Ratio	Lower	Upper
70	100		
42	58.0	47.7	71.5
101	9.9	7.6	11.4
130	22.4	16.7	25.1





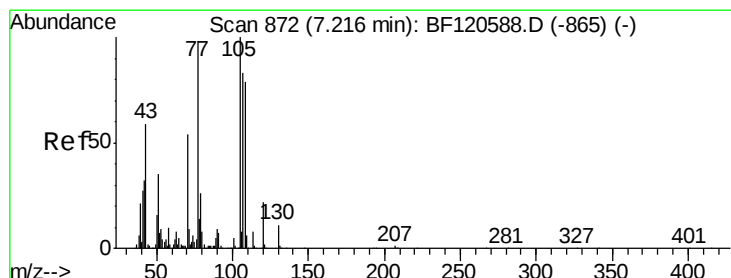
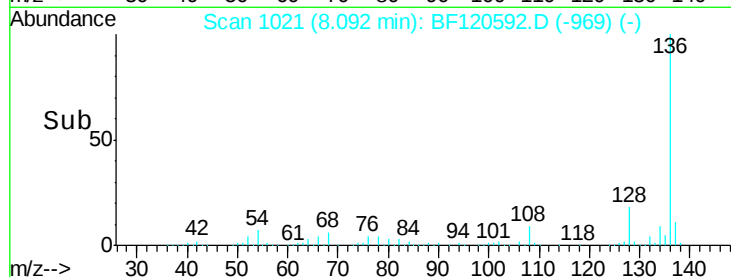
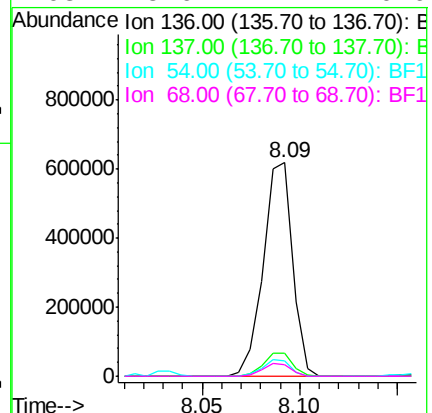
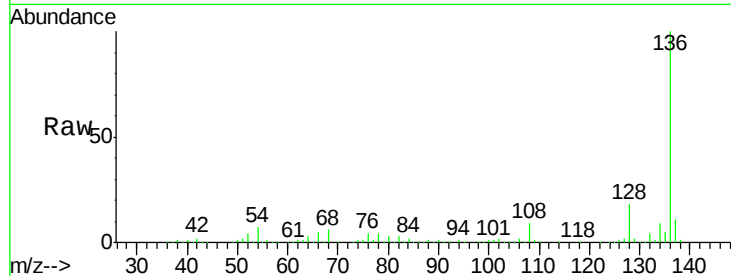
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC100

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.0	5.8	8.6
68	5.6	4.4	6.6

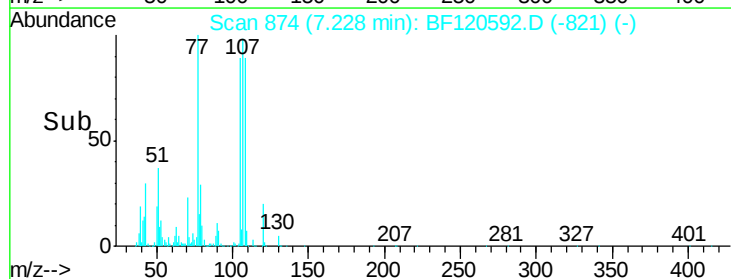
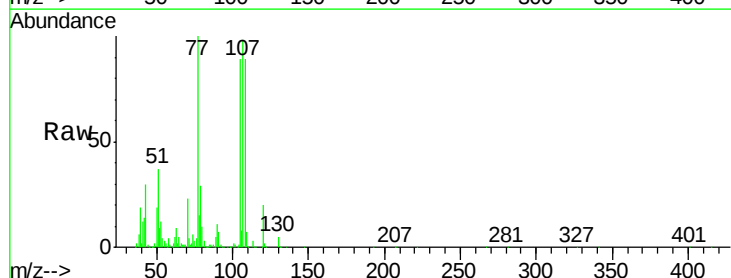
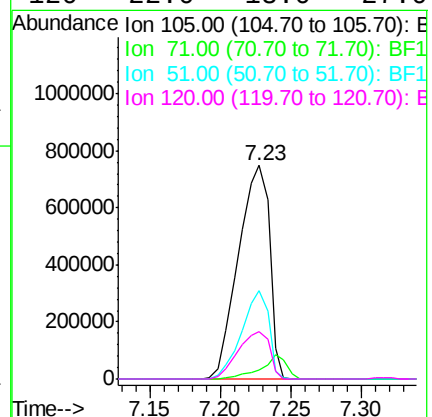
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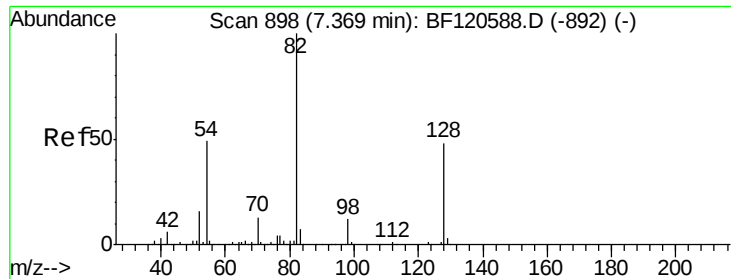
mohammad
6/11/2020 1:48:48 PM



#22
Acetophenone
Concen: 87.085 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.1	7.2	10.8#
51	41.7	27.8	41.8
120	22.0	18.0	27.0





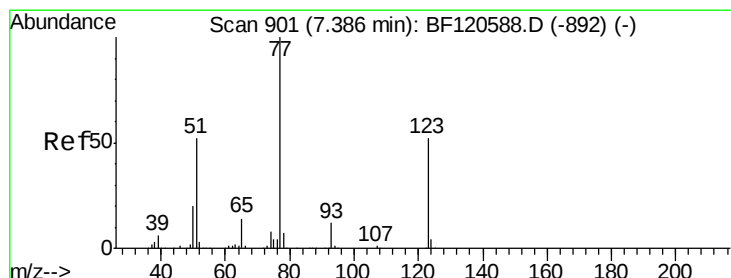
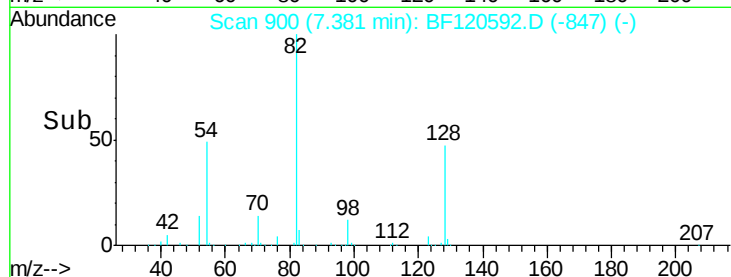
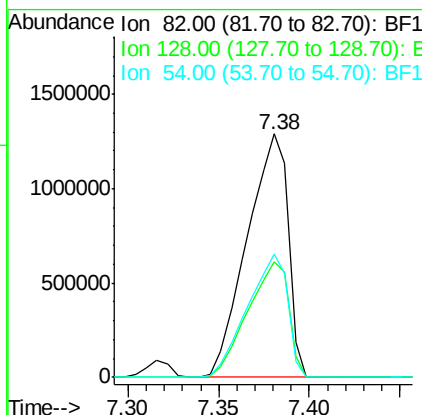
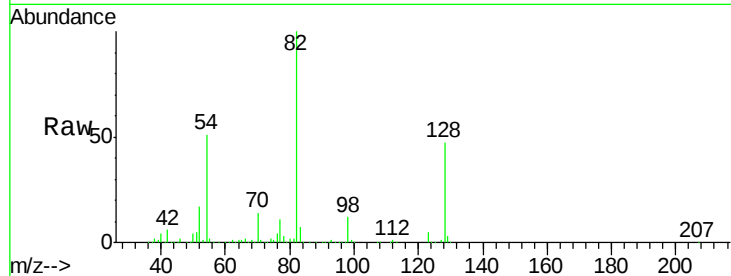
#23
Nitrobenzene-d5
Concen: 196.007 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC100

Tot Ion	82	Resp	2023660
Ion Ratio	100	Lower	Upper
82	100		
128	47.4	38.0	57.0
54	50.5	38.8	58.2

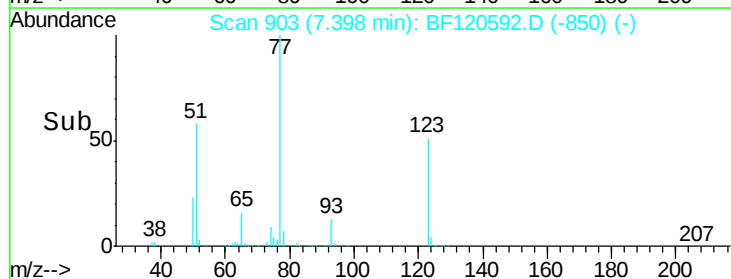
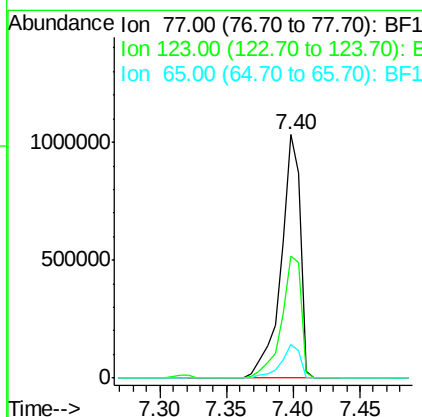
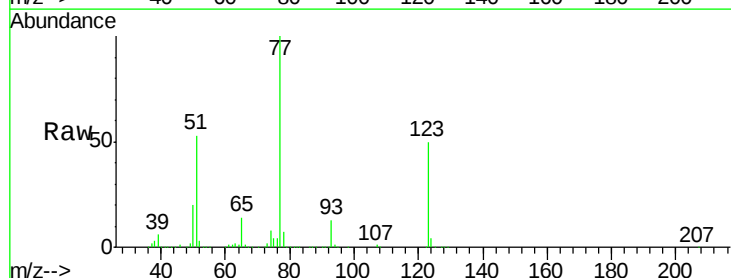
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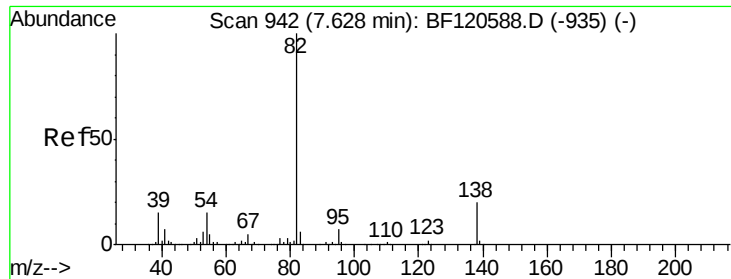
mohammad
6/11/2020 1:48:48 PM



#24
Nitrobenzene
Concen: 96.664 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.01 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Tgt Ion	77	Resp	1047882
Ion Ratio	100	Lower	Upper
77	100		
123	50.3	41.4	62.0
65	13.8	11.0	16.4





#25

Isophorone

Concen: 98.121 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF120592.D

Acq: 10 Jun 2020 15:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion: 82 Resp: 1959972

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

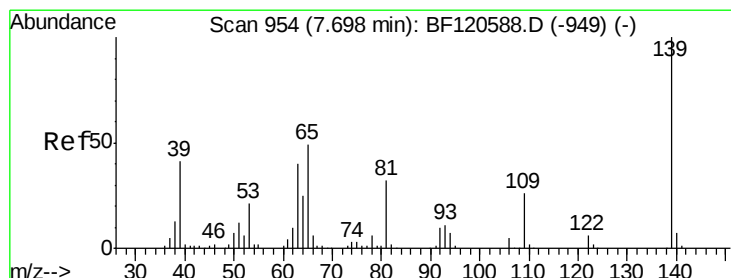
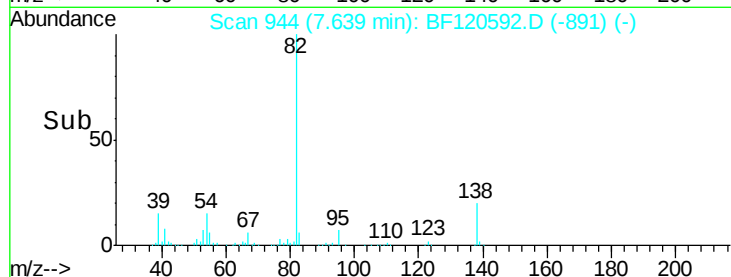
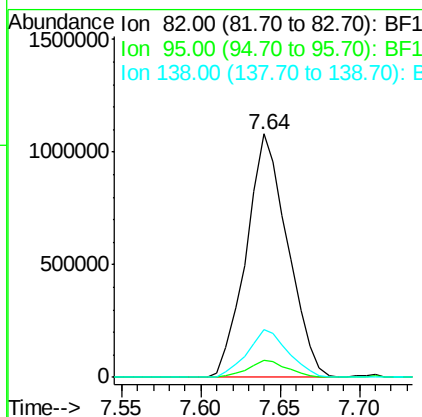
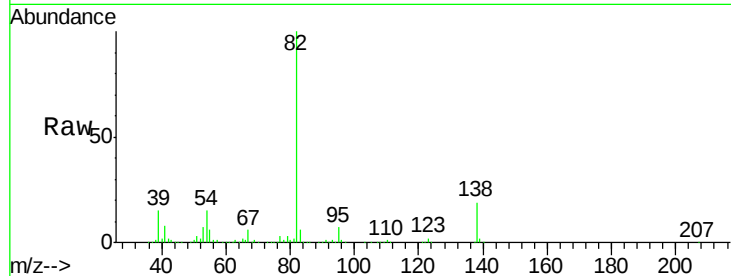
138 19.4 16.2 24.4

Manual Integrations

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mohammad

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#26

2-Nitrophenol

Concen: 99.863 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.01 min

Lab File: BF120592.D

Acq: 10 Jun 2020 15:44

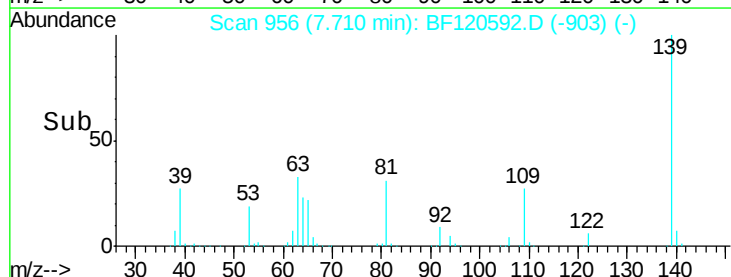
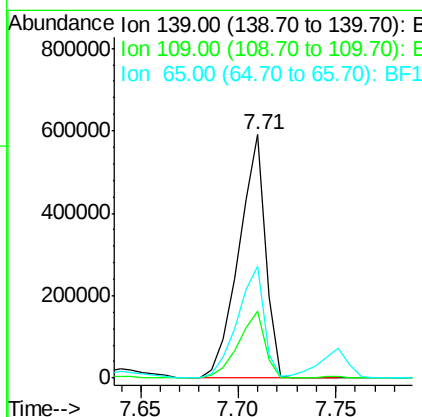
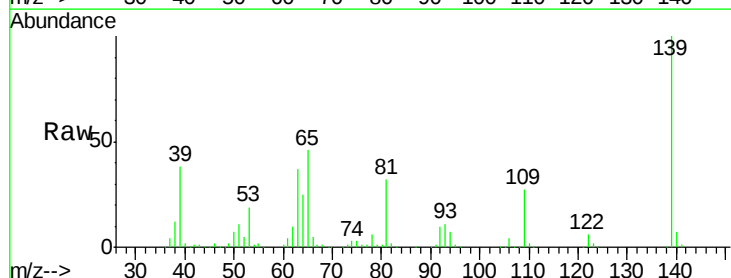
Tgt Ion: 139 Resp: 558277

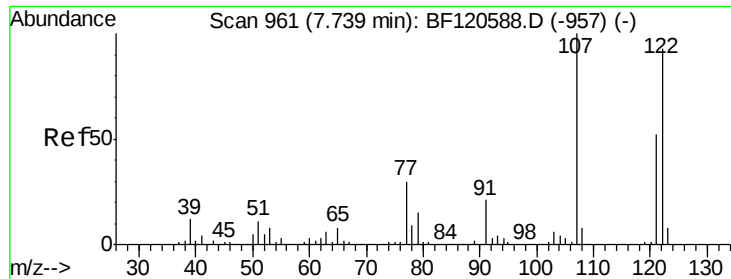
Ion Ratio Lower Upper

139 100

109 27.3 21.1 31.7

65 46.1 39.4 59.0





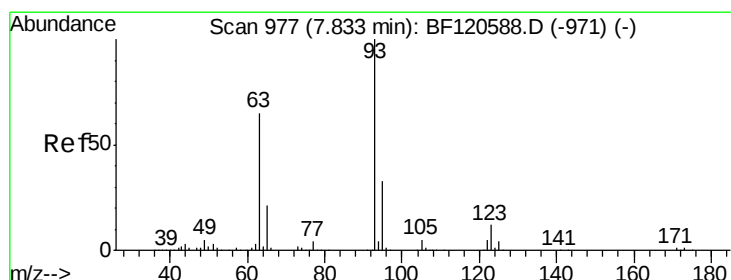
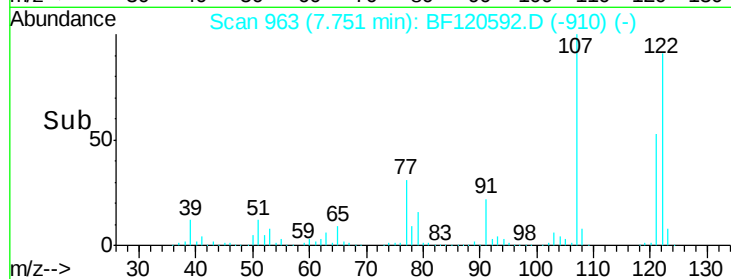
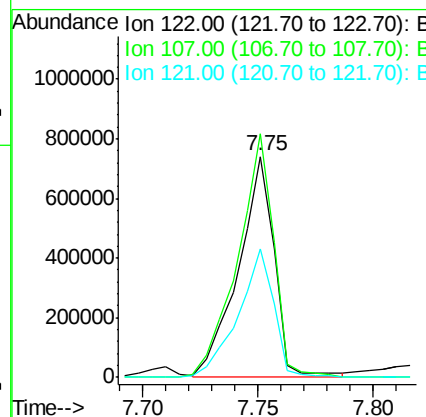
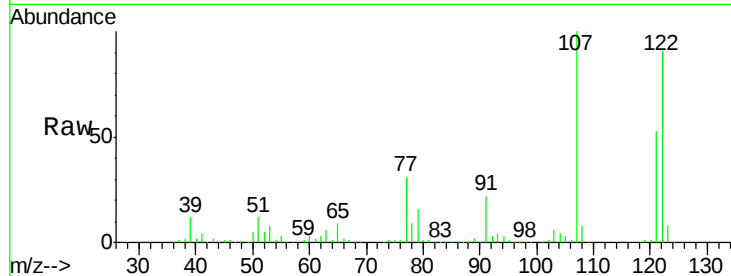
#27
2,4-Dimethylphenol
Concen: 98.885 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.01 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Instrument :
BNA_F
ClientSampled :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.2	86.4	129.6
121	57.9	45.2	67.8

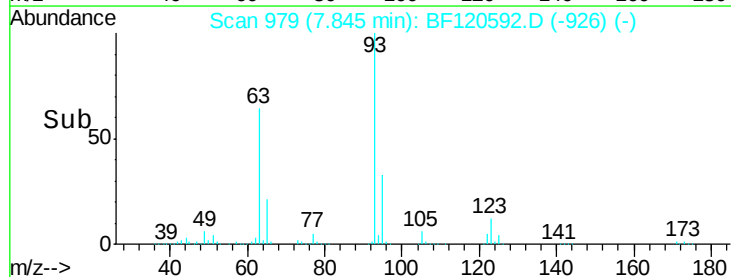
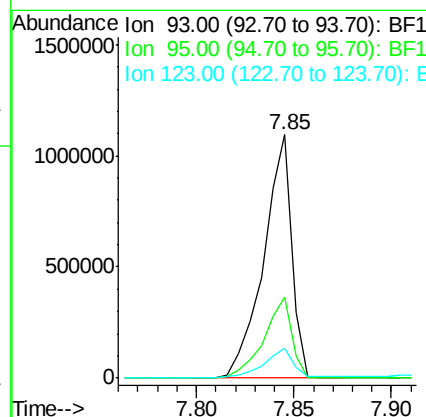
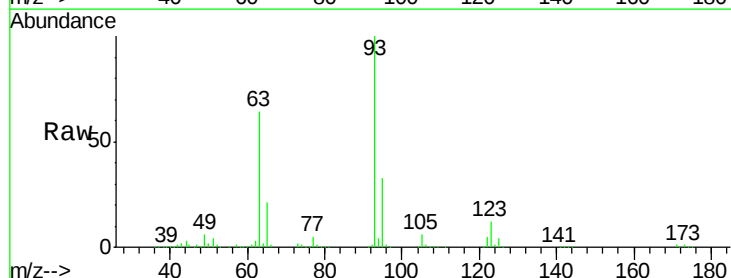
Manual Integrations
APPROVED

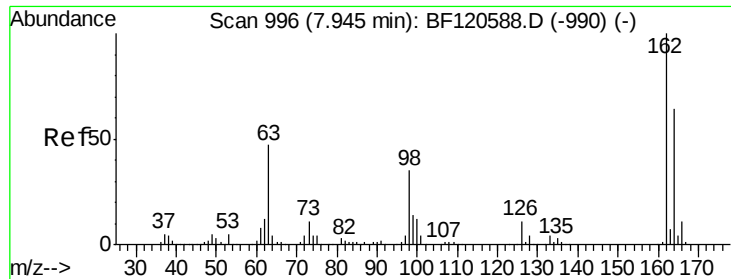
mohammad
6/11/2020 1:48:48 PM



#28
bis(2-Chloroethoxy)methane
Concen: 91.778 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.2	39.4
123	12.2	9.5	14.3





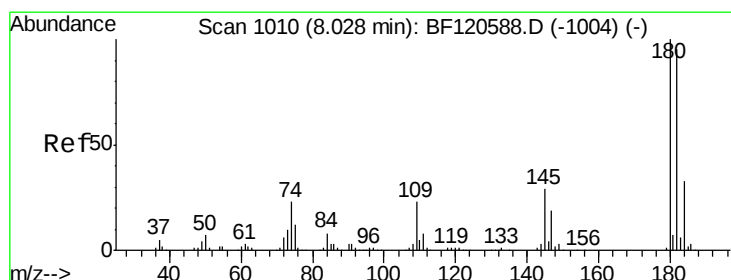
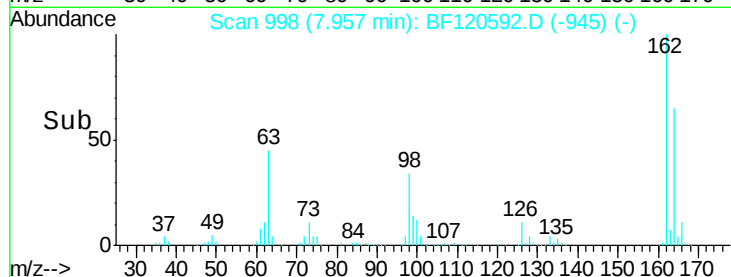
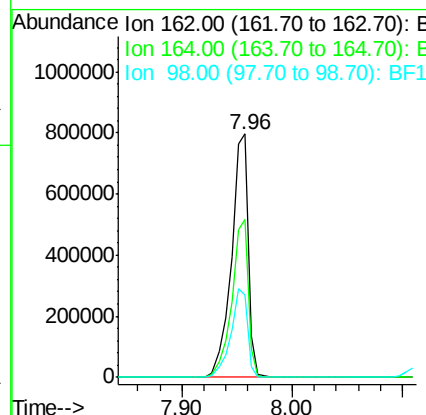
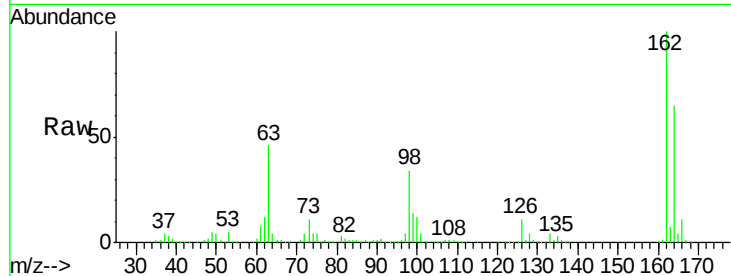
#29
2,4-Dichlorophenol
Concen: 99.584 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC100

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.1	84.1
98	34.0	14.7	54.7

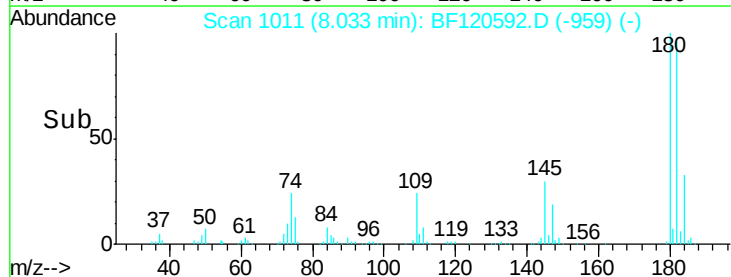
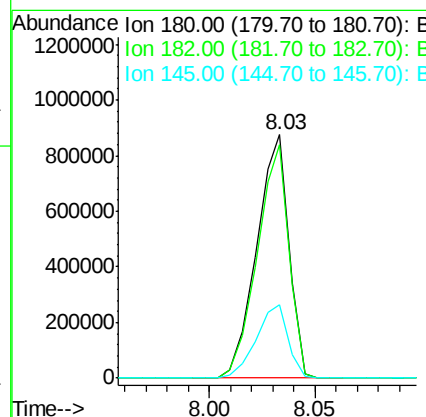
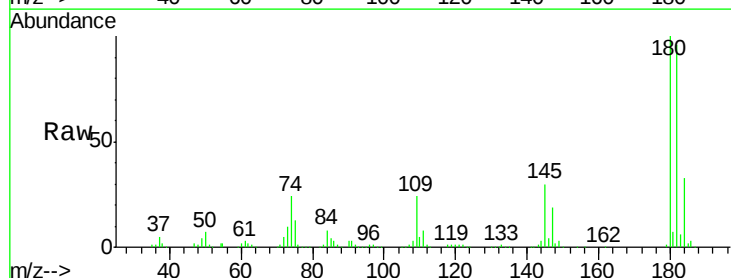
Manual Integrations
APPROVED

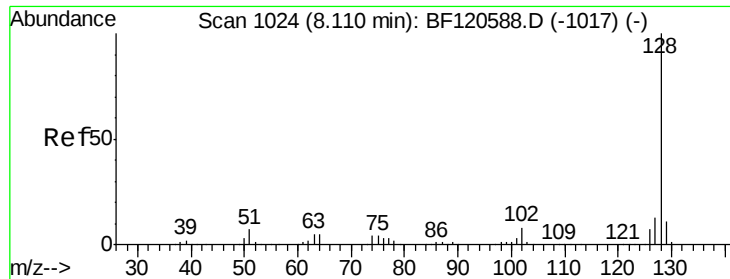
mohammad
6/11/2020 1:48:48 PM



#30
1,2,4-Trichlorobenzene
Concen: 96.288 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.8	113.6
145	30.0	23.0	34.6





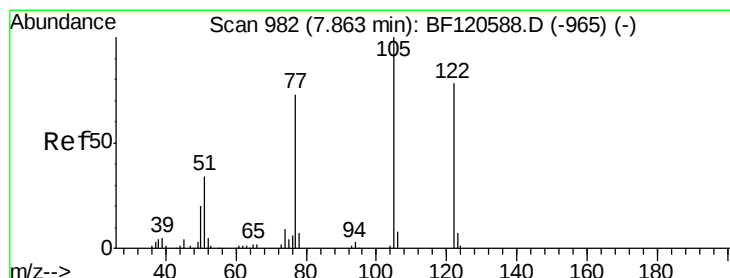
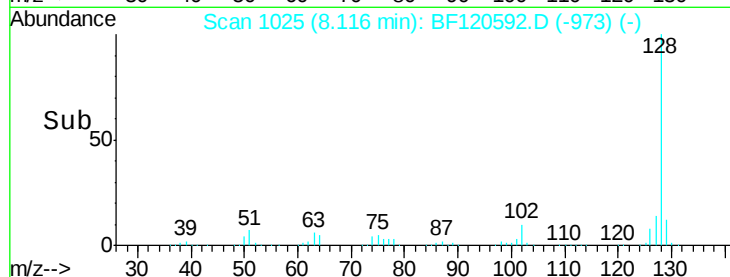
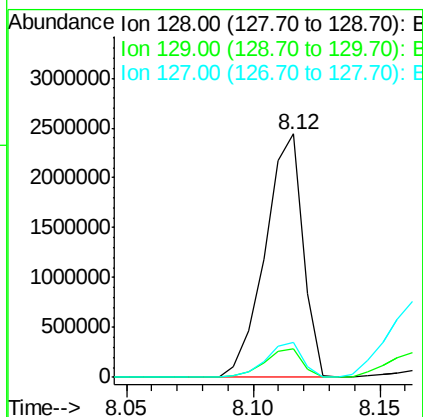
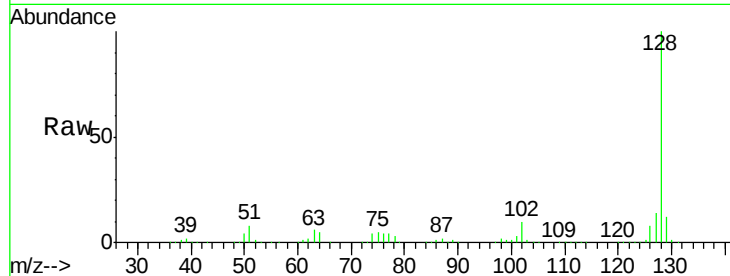
#31
Naphthalene
Concen: 88.497 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion:128 Resp: 2556320
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 14.3 10.6 15.8

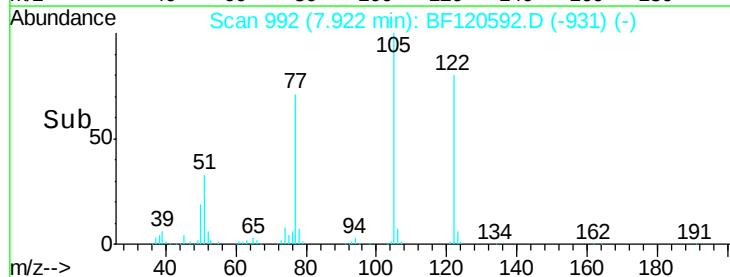
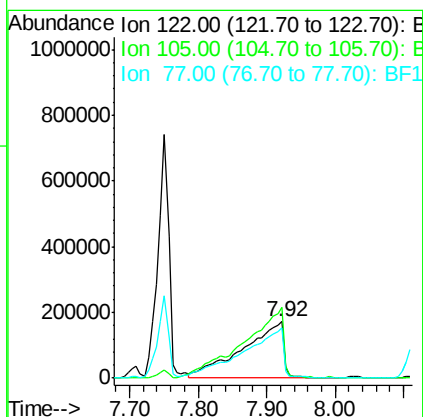
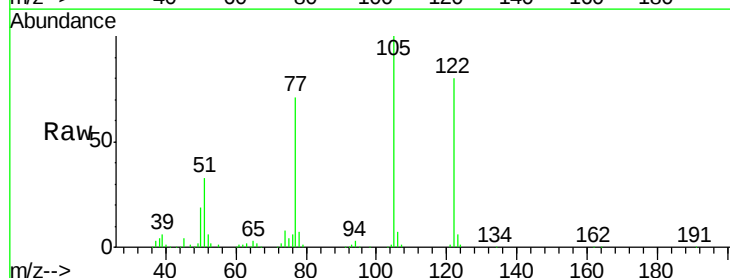
Manual Integrations
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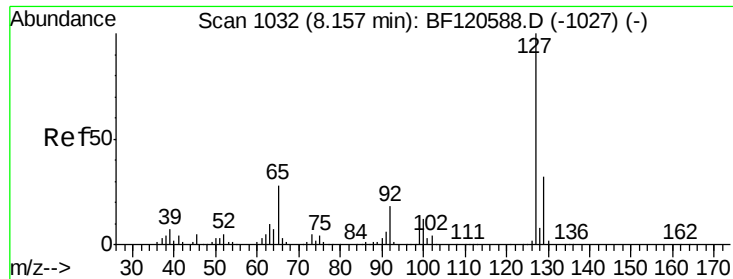
mohammad
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#32
Benzoic acid
Concen: 105.058 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.06 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Tgt Ion:122 Resp: 702875
Ion Ratio Lower Upper
122 100
105 125.6 101.0 141.0
77 89.5 69.8 109.8





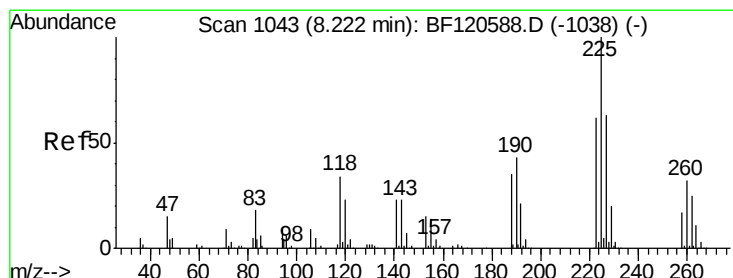
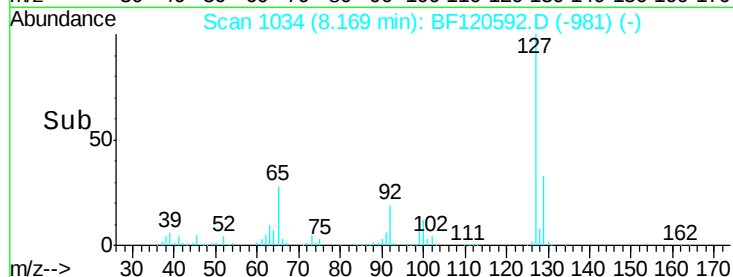
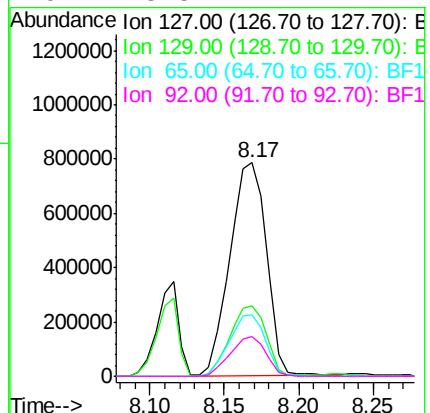
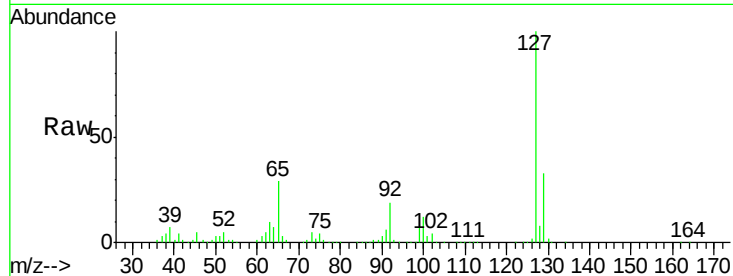
#33
4-Chloroaniline
Concen: 104.355 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	32.9	25.9	38.9	
65	28.7	22.2	33.4	
92	18.5	14.2	21.2	

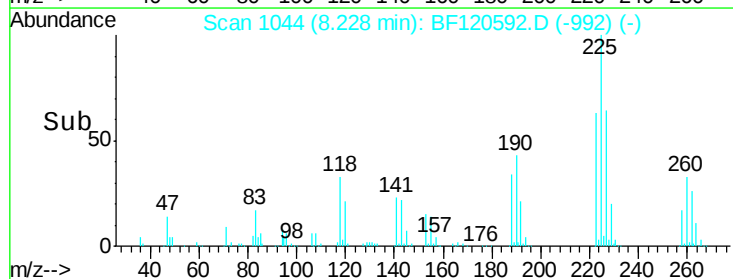
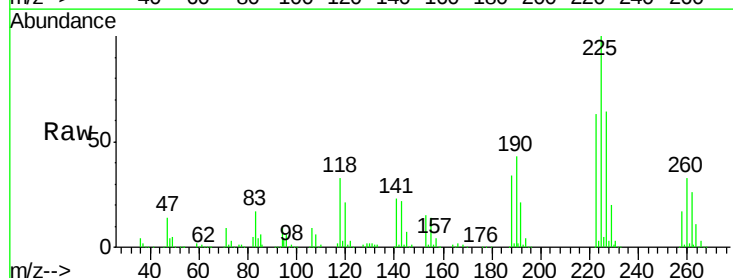
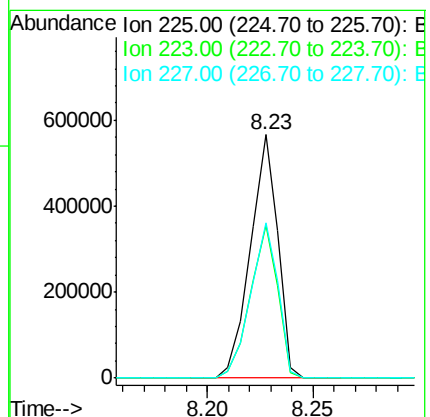
Manual Integrations
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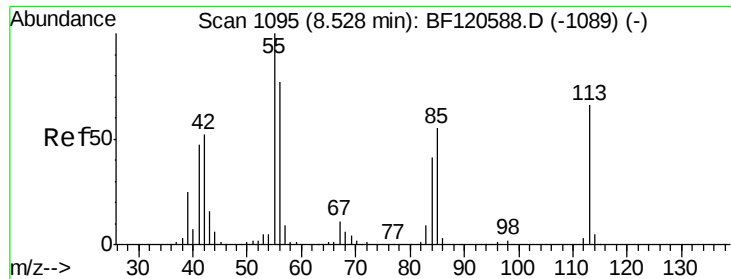
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#34
Hexachlorobutadiene
Concen: 90.836 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	62.9	49.9	74.9	
227	64.0	50.5	75.7	





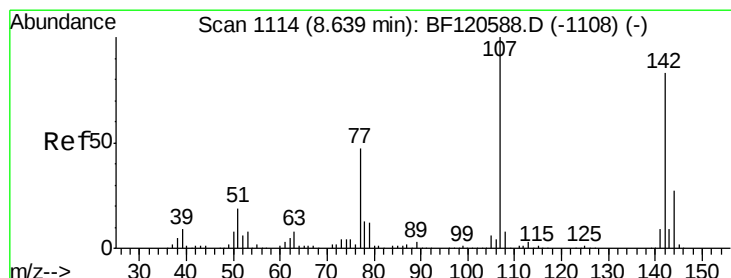
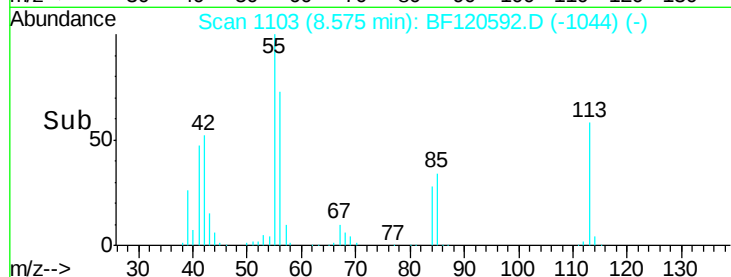
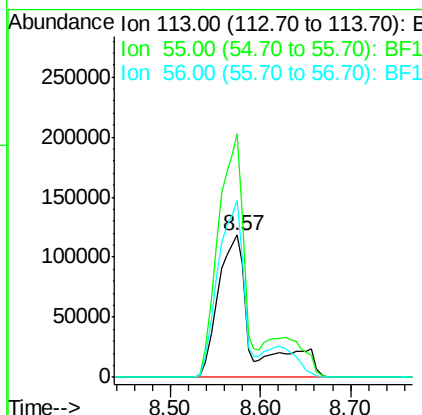
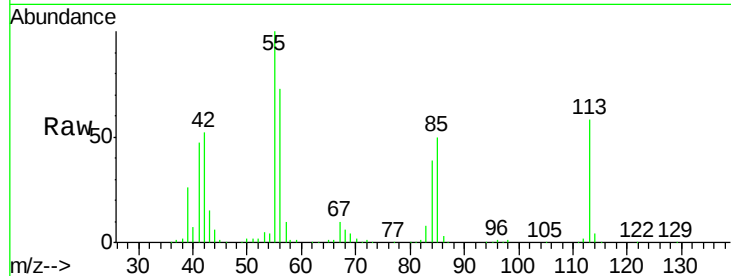
#35
Caprolactam
Concen: 107.211 ng/ml
RT: 8.57 min Scan# 1103
Delta R.T. 0.05 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	171.1	133.1	173.1		
56	124.4	98.4	138.4		

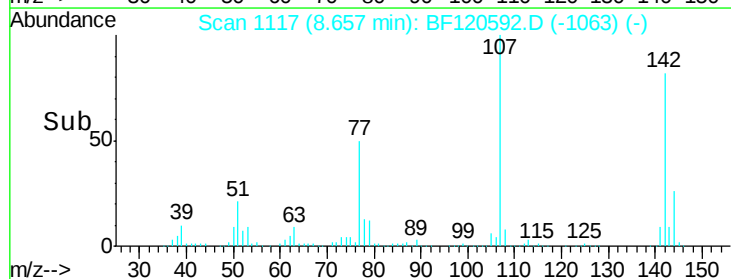
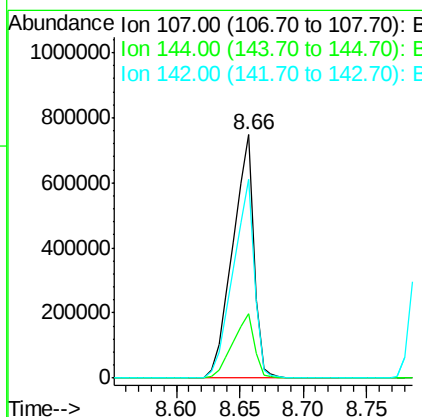
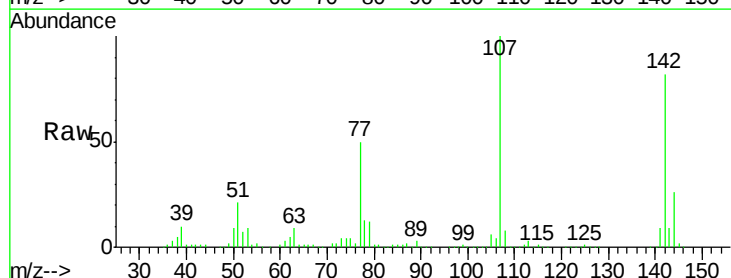
Manual Integrations
APPROVED

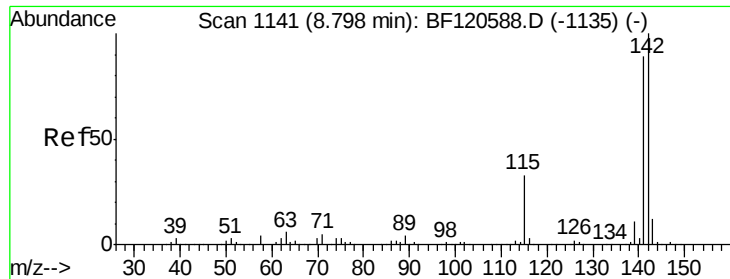
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 97.461 ng/ml
RT: 8.66 min Scan# 1117
Delta R.T. 0.02 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.4	21.4	32.2		
142	81.6	66.3	99.5		





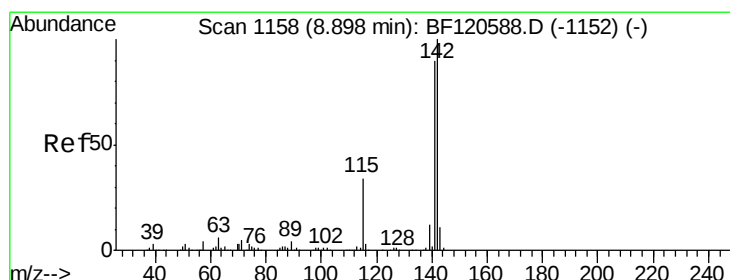
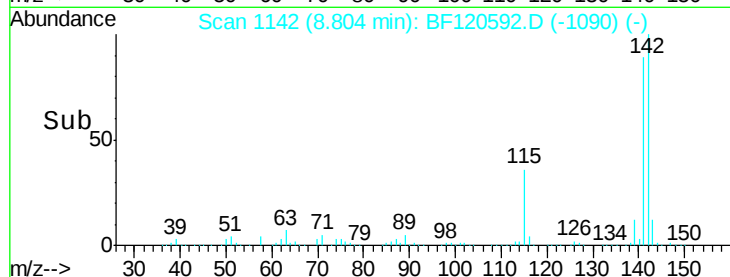
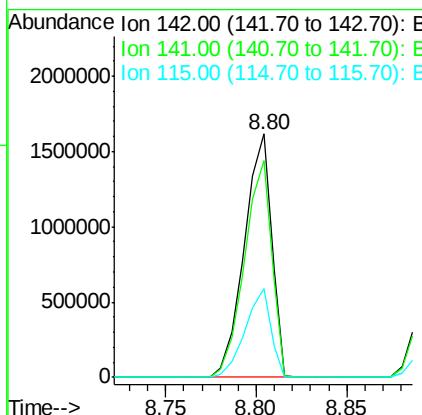
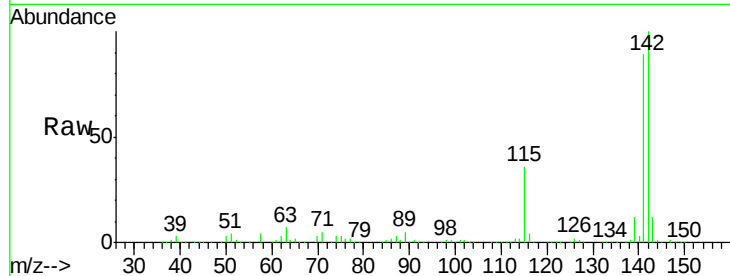
#37
2-Methylnaphthalene
Concen: 88.191 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.0
115	36.3	26.1	39.1

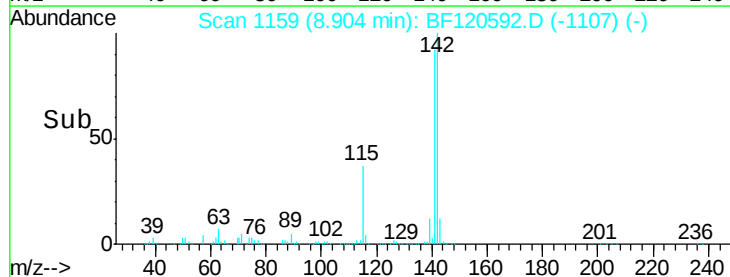
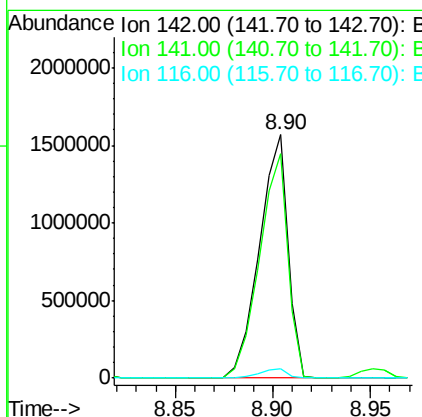
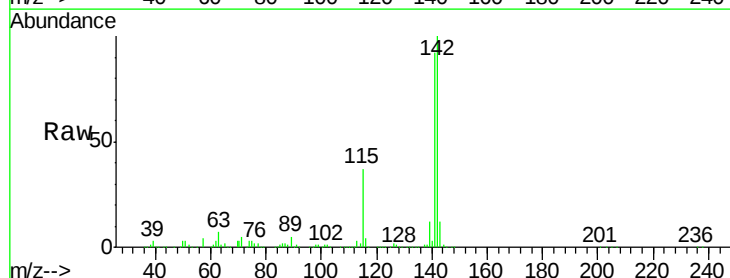
Manual Integrations
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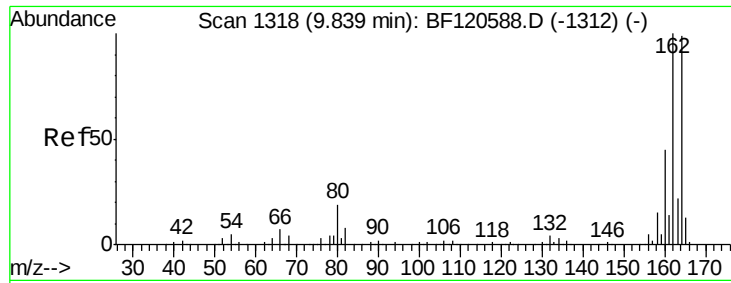
mohammad
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#38
1-Methylnaphthalene
Concen: 90.119 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.1	108.1
116	3.9	2.7	4.1





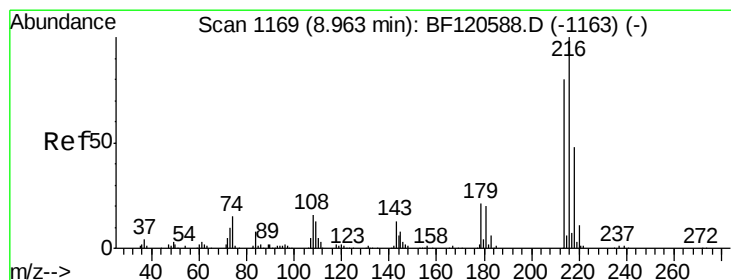
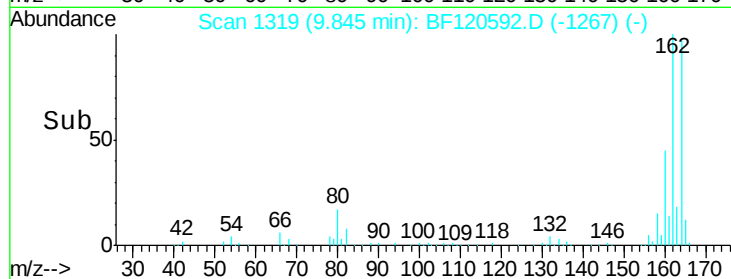
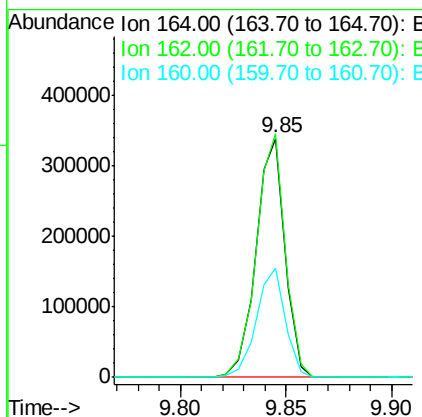
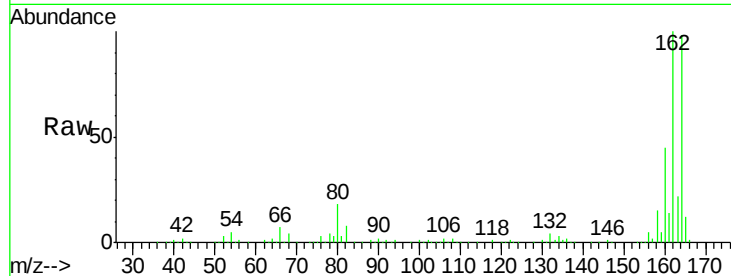
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.6	120.8
160	45.7	36.2	54.2

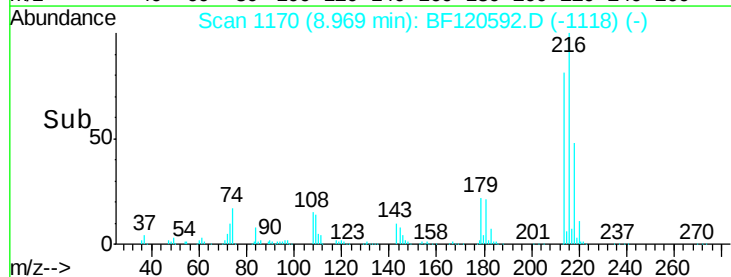
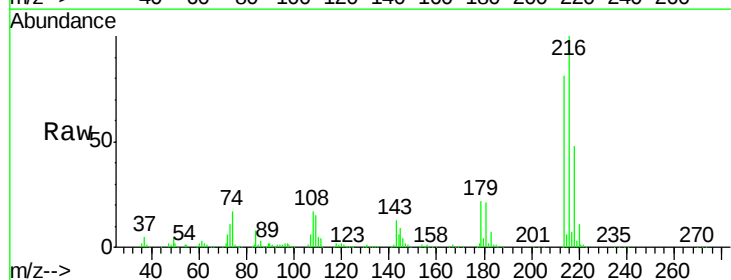
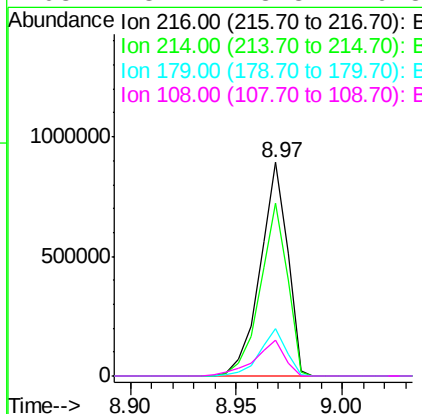
Manual Integrations
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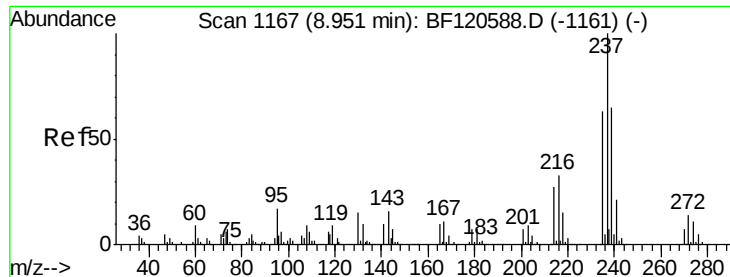
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 93.870 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.8	95.6
179	21.1	16.4	24.6
108	18.4	13.8	20.8





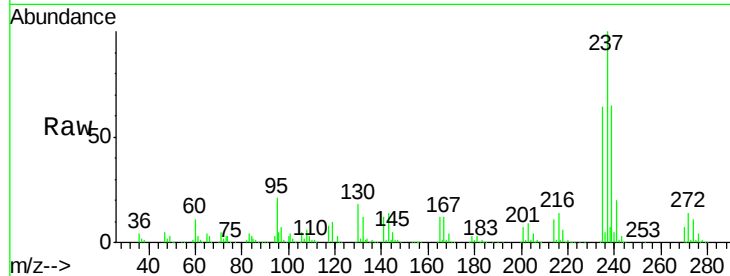
#41
Hexachlorocyclopentadiene
Concen: 107.289 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

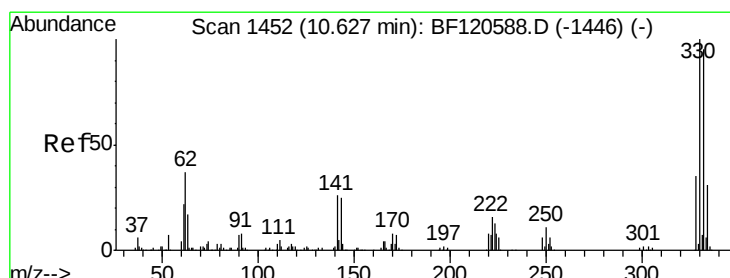
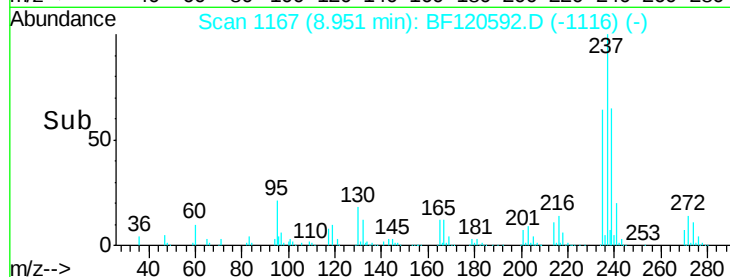
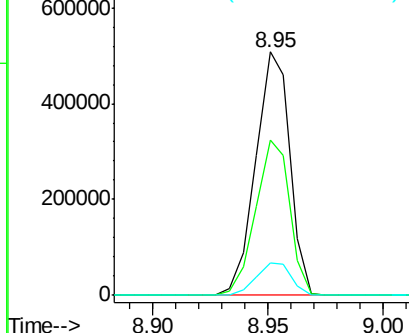
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.6	43.2	83.2	
272	13.5	0.0	33.9	

Manual Integrations
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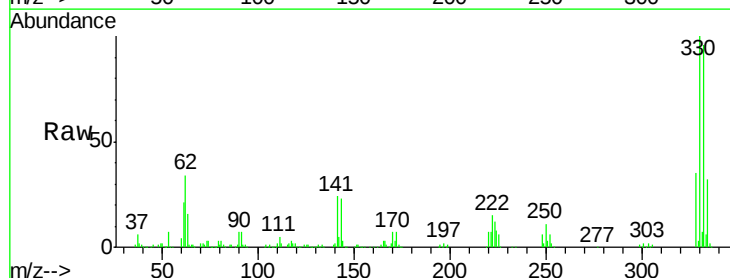


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

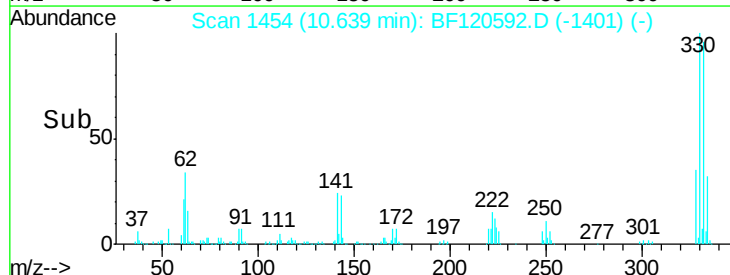
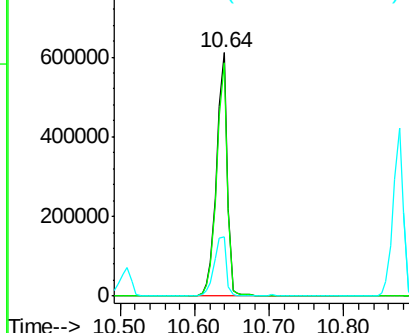


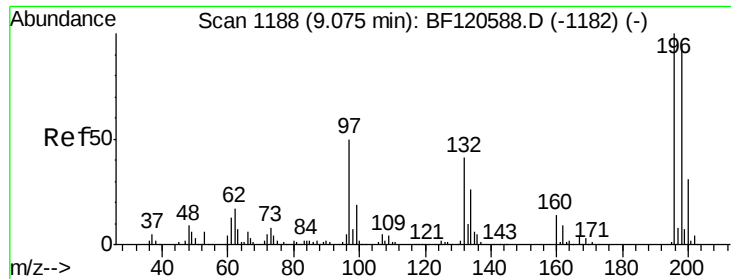
#42
2,4,6-Tribromophenol
Concen: 182.579 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	76.8	115.2	
141	27.5	23.2	34.8	



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





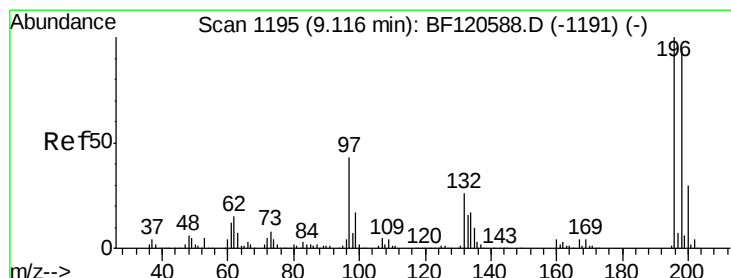
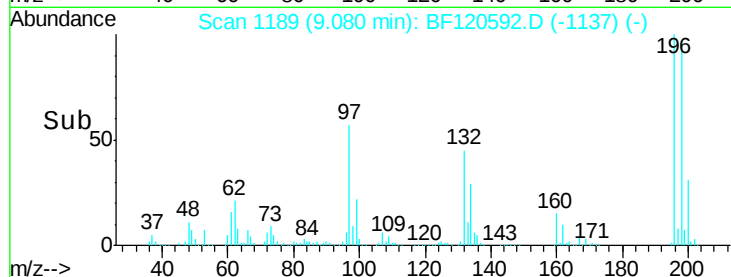
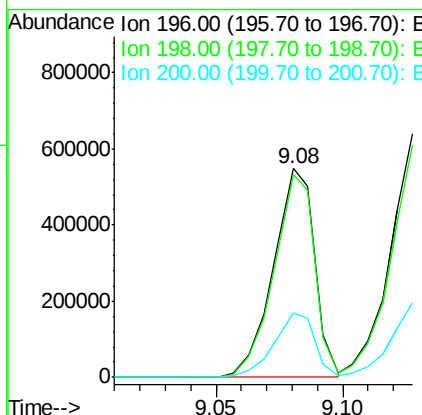
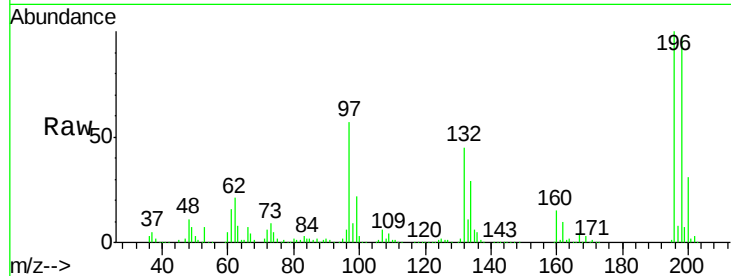
#43
 2,4,6-Trichlorophenol
 Concen: 102.491 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF120592.D
 Acq: 10 Jun 2020 15:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
196	100	622023		
198	96.9	76.2	114.2	
200	31.1	24.6	37.0	

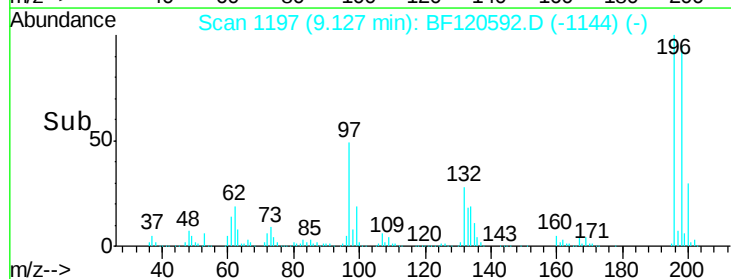
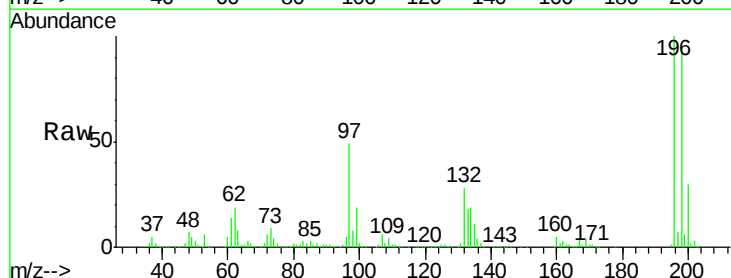
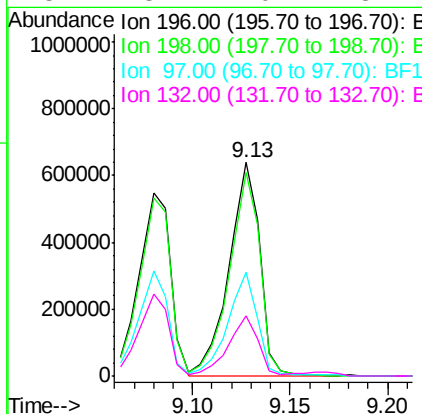
Manual Integrations
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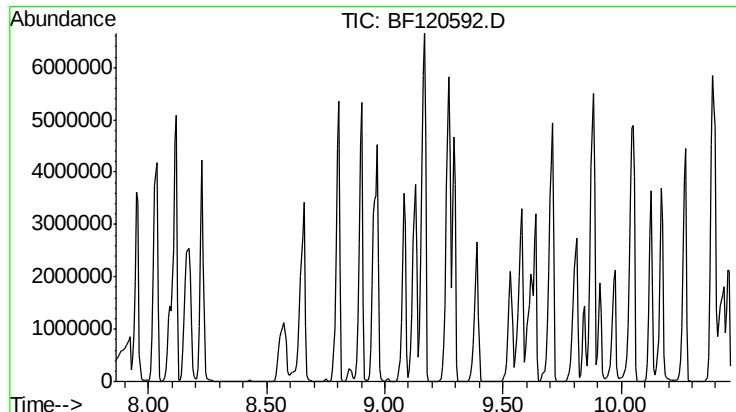
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 100.722 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF120592.D
 Acq: 10 Jun 2020 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	695007		
198	95.3	75.5	113.3	
97	48.6	34.4	51.6	
132	28.2	20.7	31.1	





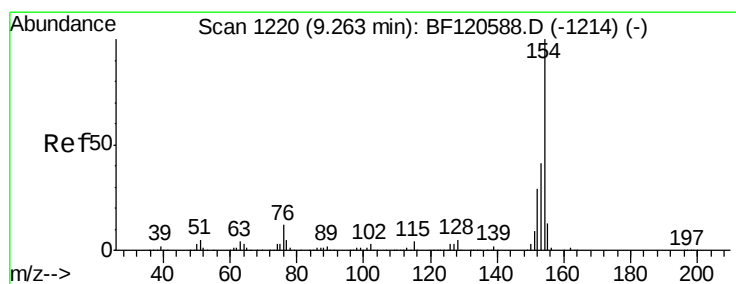
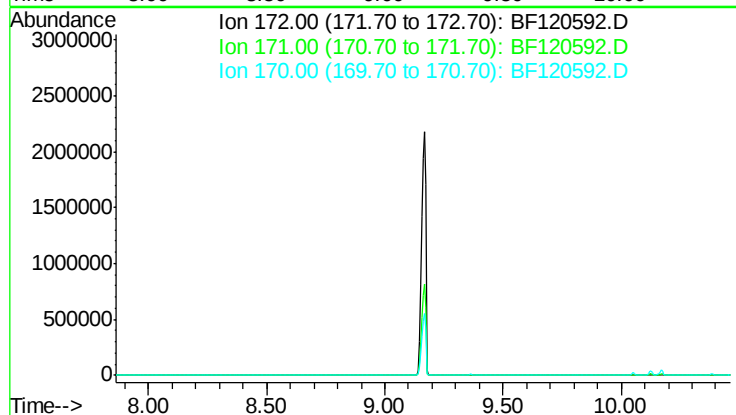
#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.16 min
 Lab File: BF120592.D
 Acq: 10 Jun 2020 15:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion: 172
 Sig Exp Ratio
 172 100
 171 36.2
 170 24.3

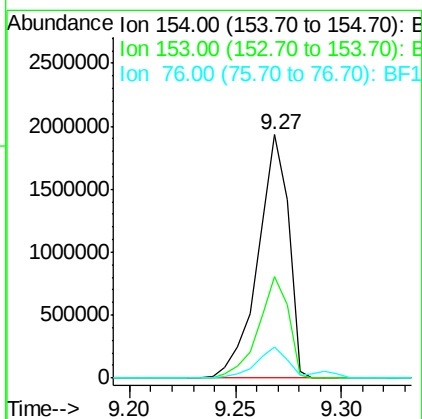
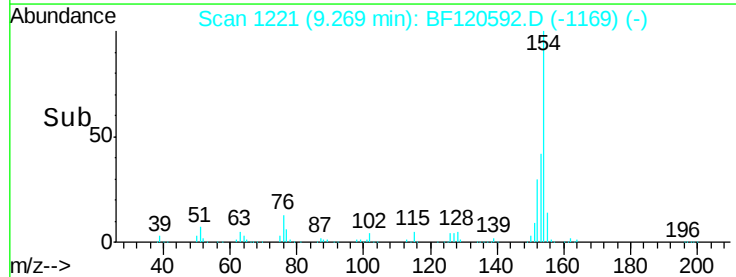
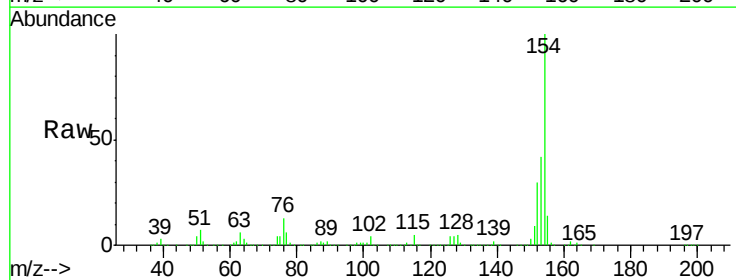
Manual Integrations
 APPROVED

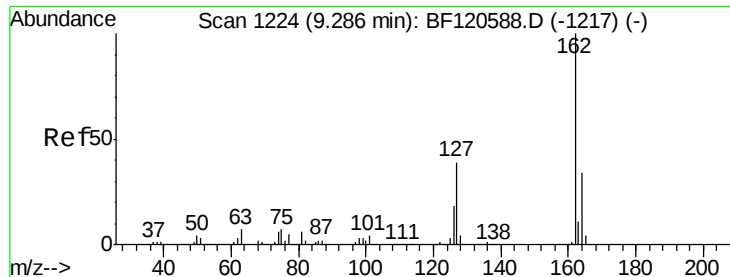
mohammad
 6/11/2020 1:48:48 PM



#46
 1,1'-Biphenyl
 Concen: 88.810 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.01 min
 Lab File: BF120592.D
 Acq: 10 Jun 2020 15:44

Tgt Ion: 154 Resp: 1949961
 Ion Ratio Lower Upper
 154 100
 153 41.7 21.4 61.4
 76 12.8 0.0 31.6





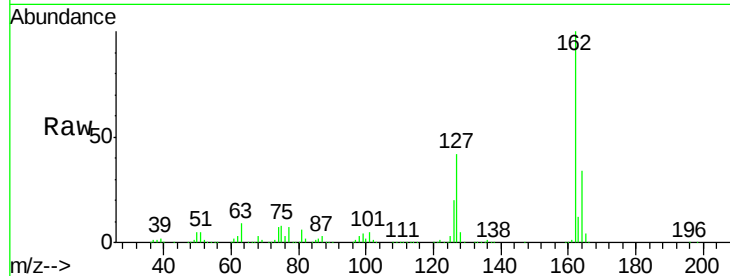
#47
 2-Chloronaphthalene
 Concen: 89.904 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF120592.D
 Acq: 10 Jun 2020 15:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

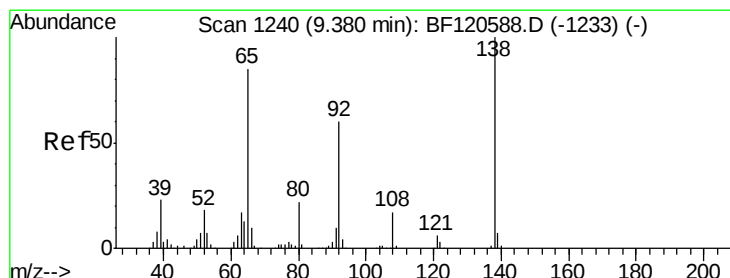
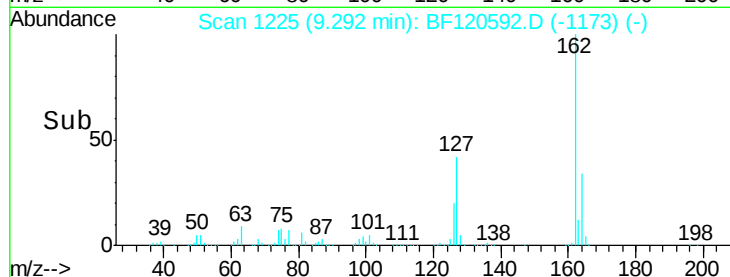
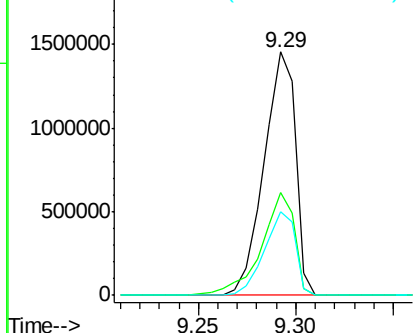
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.1	31.3	46.9
164	34.4	26.9	40.3

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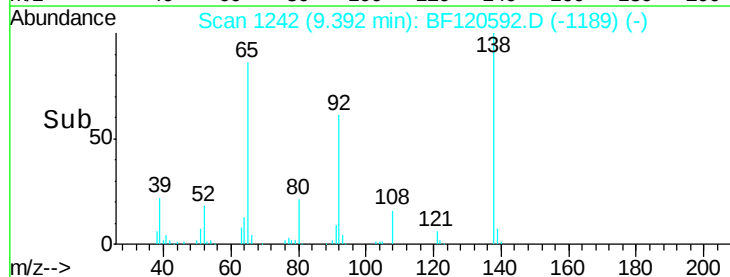
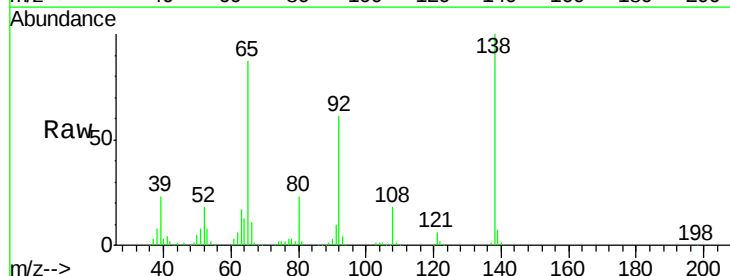
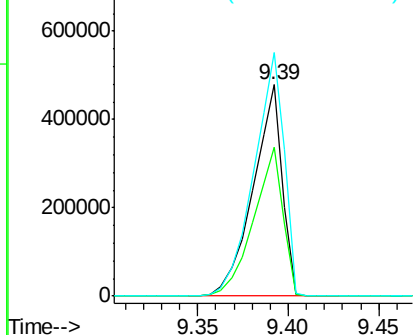
Abundance Ion 162.00 (161.70 to 162.70): E
 2000000
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

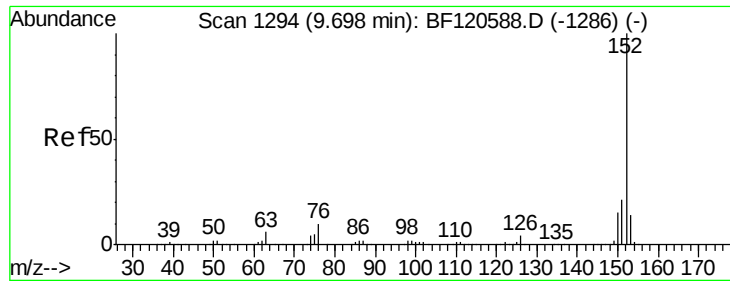


#48
 2-Nitroaniline
 Concen: 94.344 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: BF120592.D
 Acq: 10 Jun 2020 15:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.3	56.0	84.0
138	115.3	94.0	141.0

Abundance Ion 65.00 (64.70 to 65.70): BF1
 600000
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 89.071 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.01 min

Lab File: BF120592.D

Acq: 10 Jun 2020 15:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:152 Resp: 2440454

Ion Ratio Lower Upper

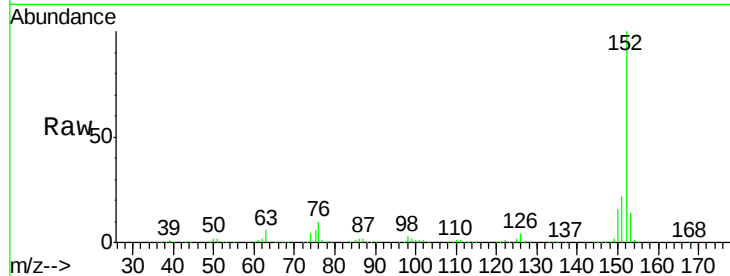
152 100

151 21.8 16.6 25.0

153 14.2 11.0 16.6

Manual Integrations
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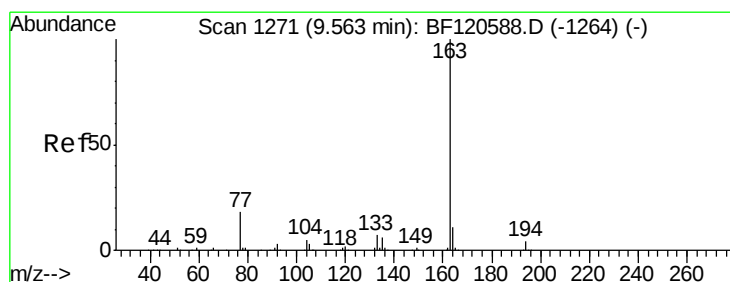
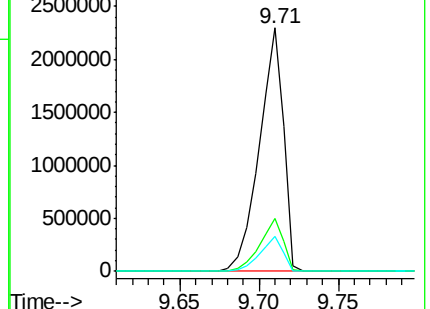
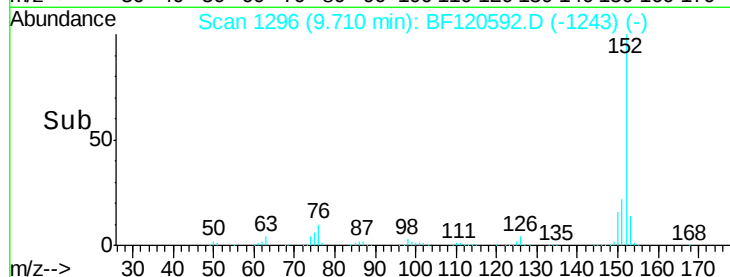
mohammad
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 96.083 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.02 min

Lab File: BF120592.D

Acq: 10 Jun 2020 15:44

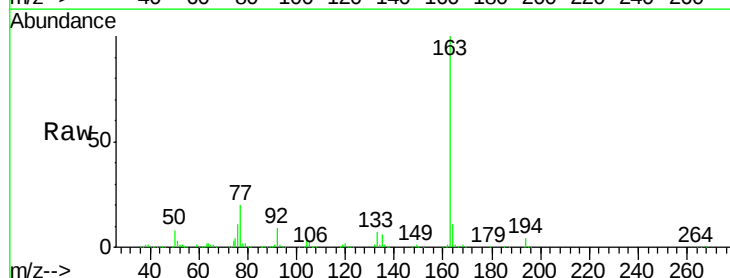
Tgt Ion:163 Resp: 2063288

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

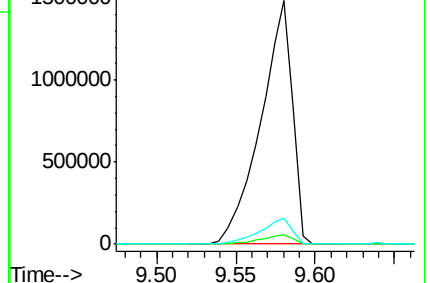
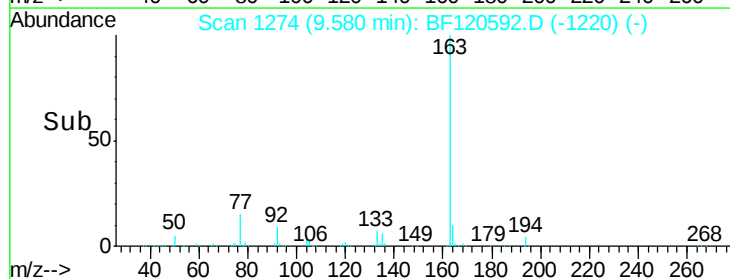
164 10.5 8.5 12.7

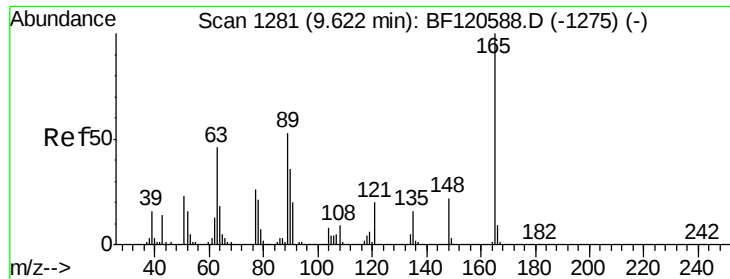


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





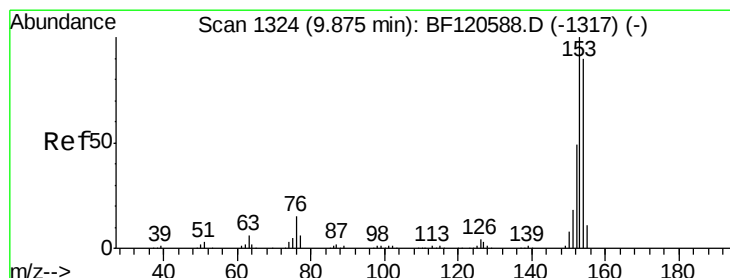
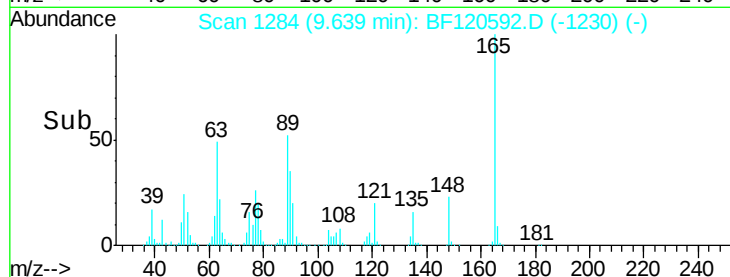
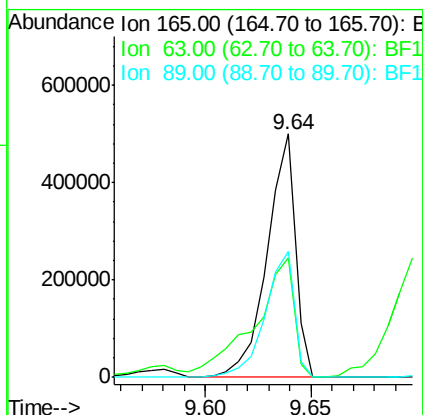
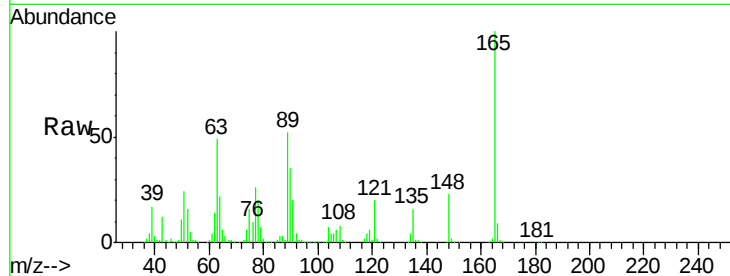
#51
 2,6-Dinitrotoluene
 Concen: 97.800 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. 0.02 min
 Lab File: BF120592.D
 Acq: 10 Jun 2020 15:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
165	100	467365		
63	49.0		41.7	62.5
89	51.7		42.6	64.0

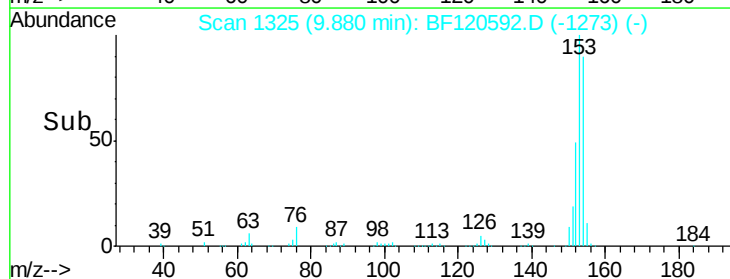
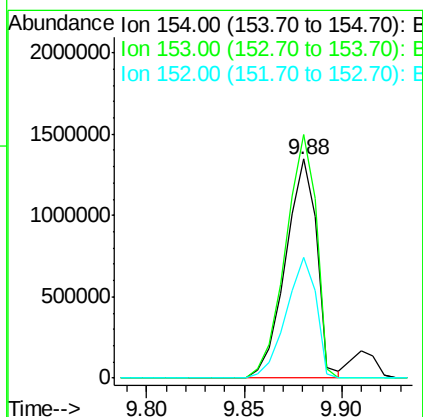
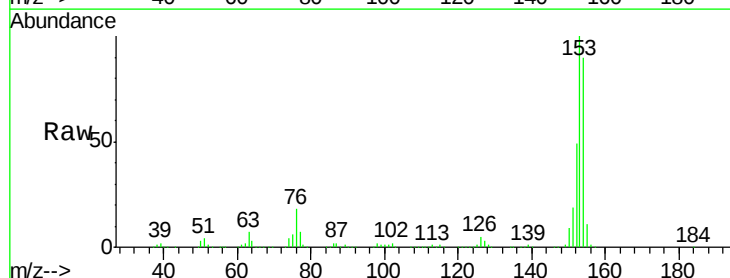
Manual Integrations
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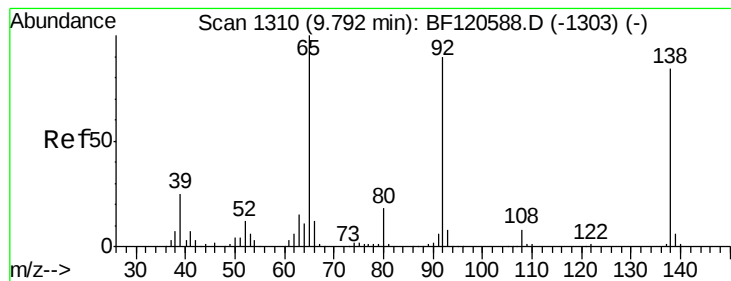
mohammad
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#52
 Acenaphthene
 Concen: 90.851 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: BF120592.D
 Acq: 10 Jun 2020 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1487784		
153	111.2		89.1	133.7
152	54.9		43.7	65.5





#53

3-Nitroaniline

Concen: 101.632 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.02 min

Lab File: BF120592.D

Acq: 10 Jun 2020 15:44

Instrument :

BNA_F

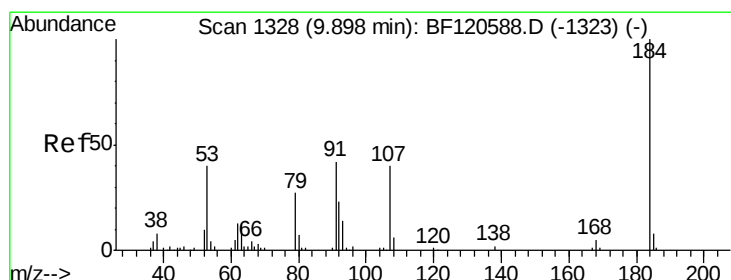
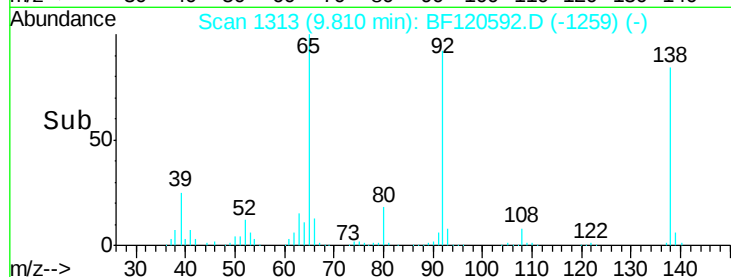
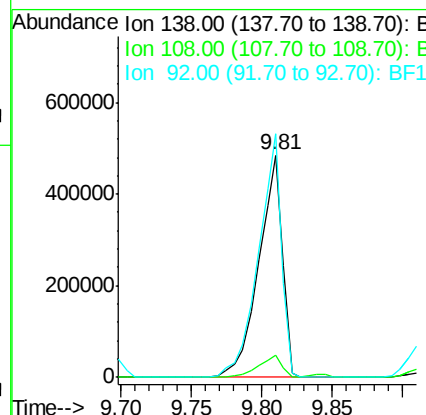
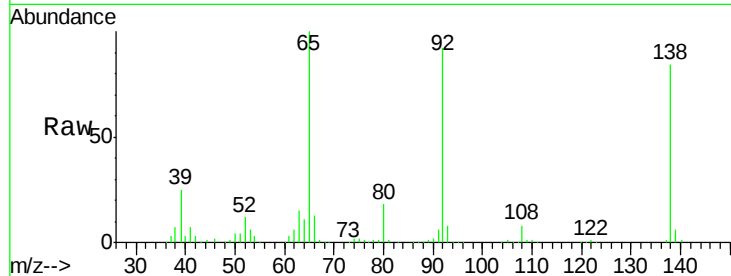
ClientSampleId :

SSTDICC100

Tot Ion:	138	Resp:	574290
Ion Ratio	Lower	Upper	
138	100		
108	10.1	8.0	12.0
92	109.5	86.0	129.0

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#54

2,4-Dinitrophenol

Concen: 115.714 ng

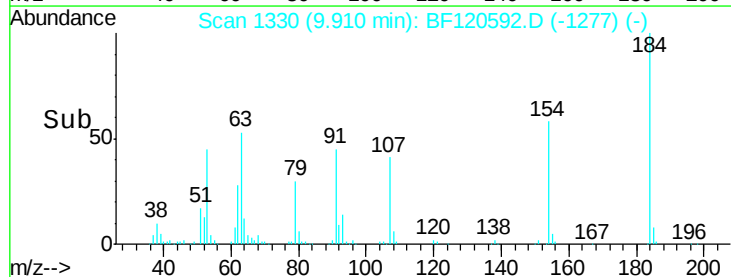
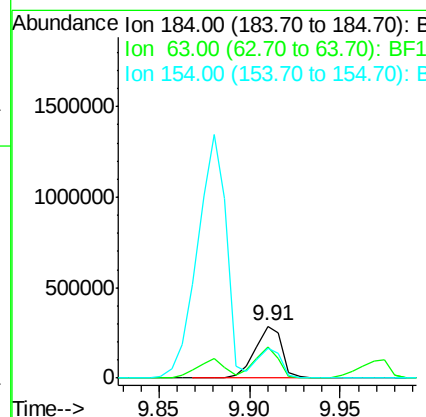
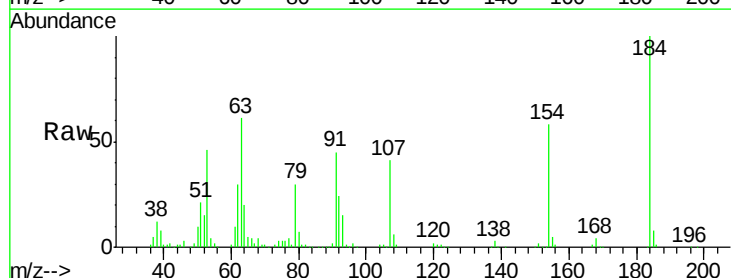
RT: 9.91 min Scan# 1330

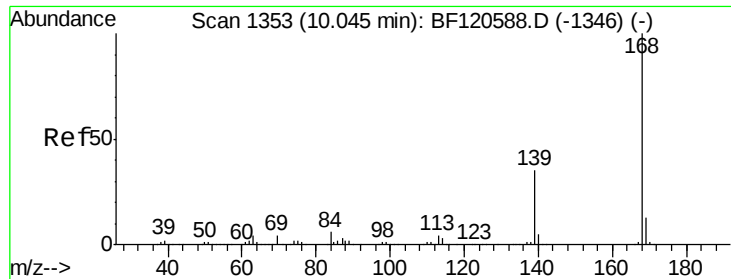
Delta R.T. 0.01 min

Lab File: BF120592.D

Acq: 10 Jun 2020 15:44

Tgt Ion:	184	Resp:	297992
Ion Ratio	Lower	Upper	
184	100		
63	60.8	44.2	66.2
154	57.5	45.9	68.9





#55

Dibenzenofuran

Concen: 87.644 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF120592.D

Acq: 10 Jun 2020 15:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:168 Resp: 2169019

Ion Ratio Lower Upper

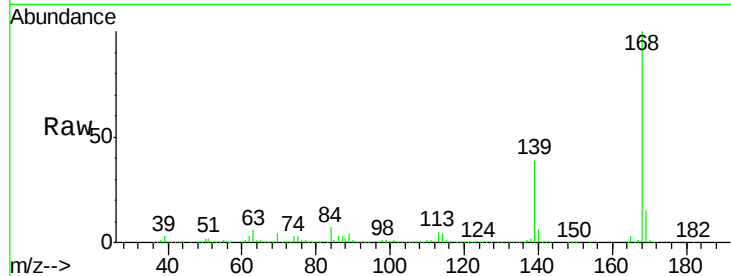
168 100

139 39.3 28.1 42.1

169 14.5 10.6 16.0

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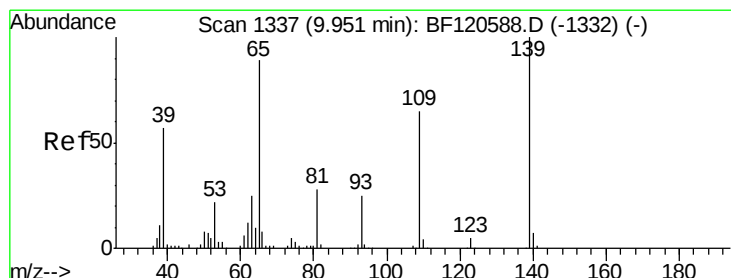
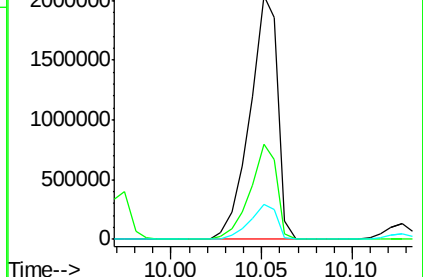
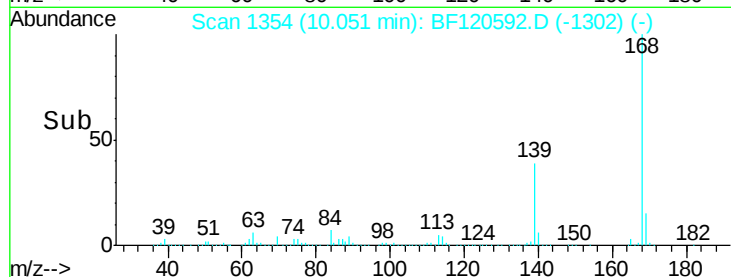
mohammad
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 108.877 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.02 min

Lab File: BF120592.D

Acq: 10 Jun 2020 15:44

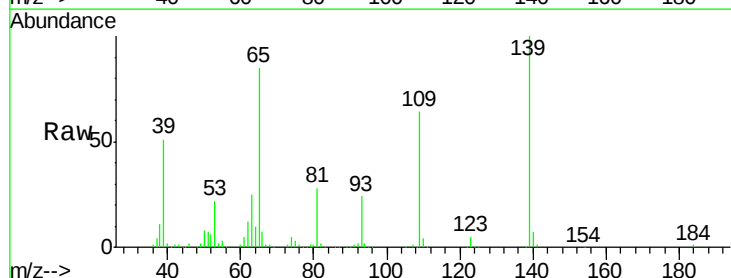
Tgt Ion:139 Resp: 448617

Ion Ratio Lower Upper

139 100

109 63.9 44.6 84.6

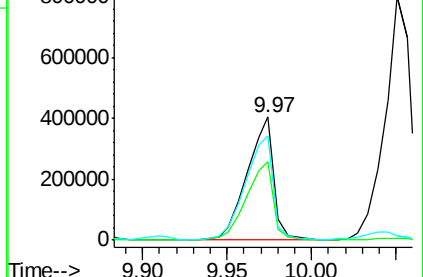
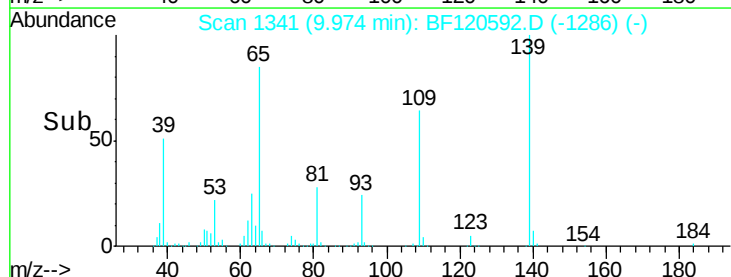
65 84.5 69.2 109.2

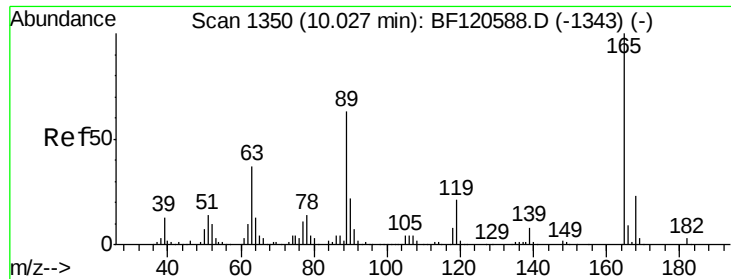


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





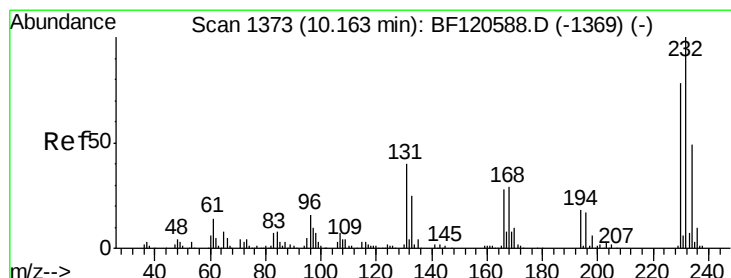
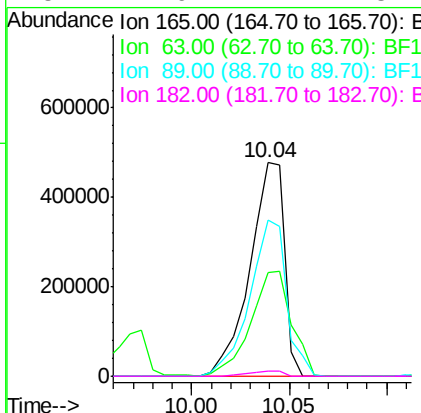
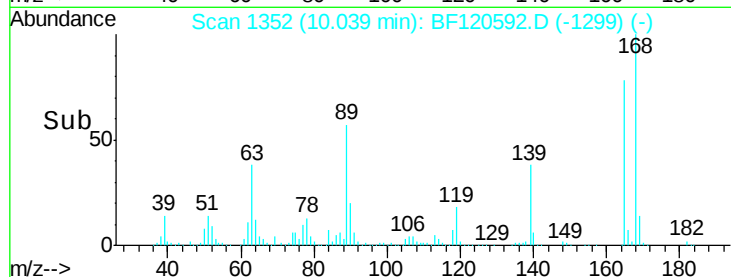
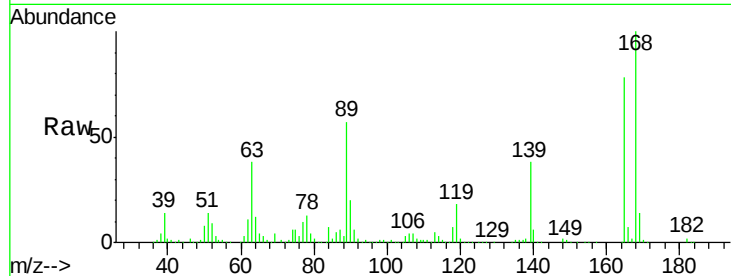
#57
2,4-Dinitrotoluene
Concen: 93.806 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	48.6	29.8	44.8#
89	73.1	50.4	75.6
182	2.6	2.1	3.1

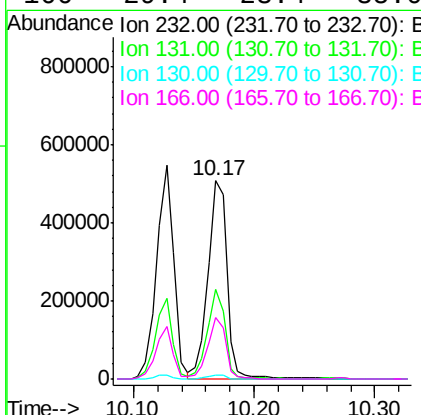
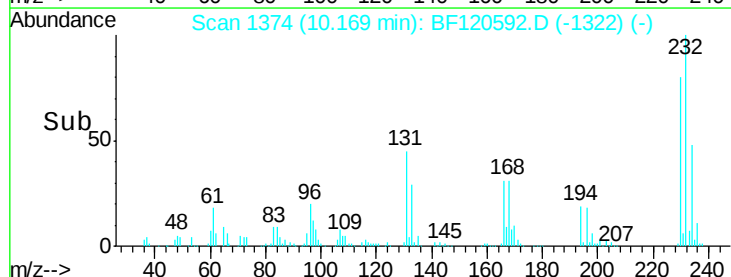
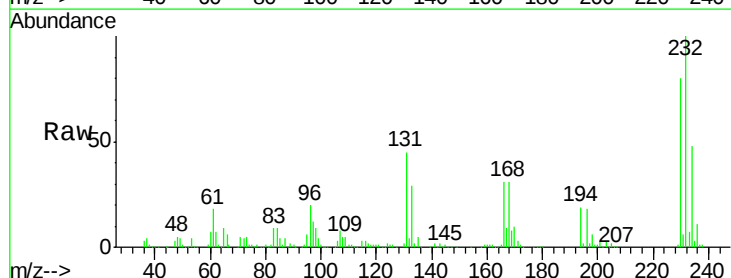
Manual Integrations
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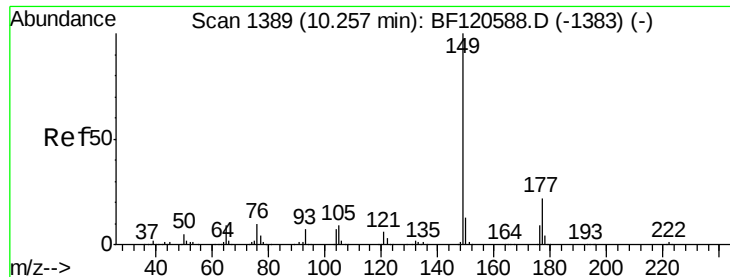
mohammad
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#59
2,3,4,6-Tetrachlorophenol
Concen: 101.976 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.01 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Tgt Ion	Ratio	Resp Lower	Upper
232	100		
131	42.1	33.5	50.3
130	2.0	1.5	2.3
166	29.4	23.4	35.0





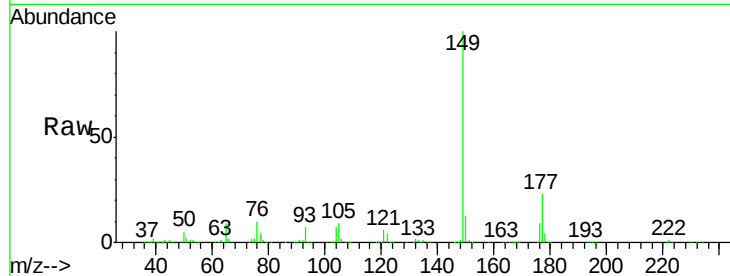
#60
Diethylphthalate
Concen: 95.717 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.02 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

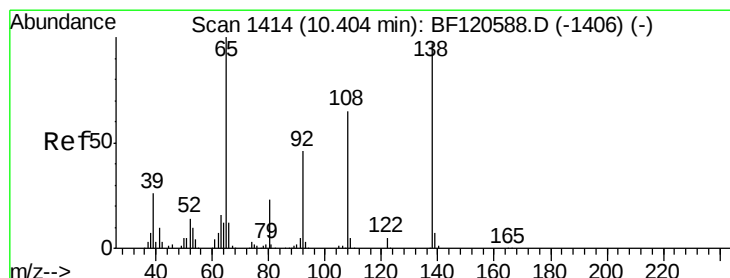
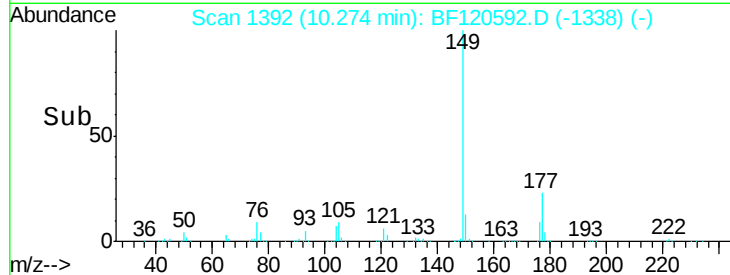
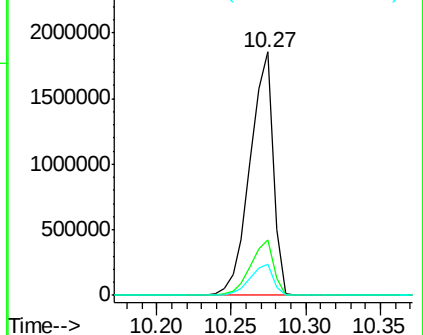
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.0	17.3	25.9
150	13.0	10.3	15.5

Manual Integrations
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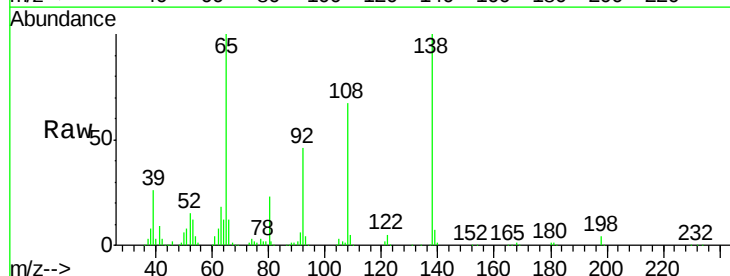


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

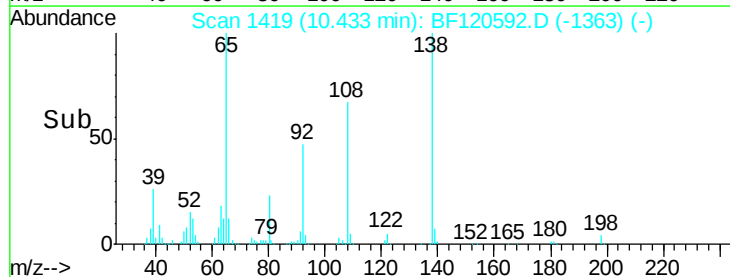
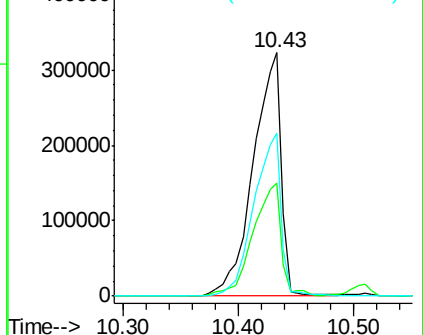


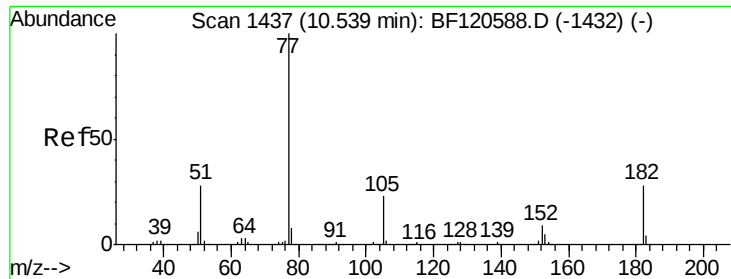
#62
4-Nitroaniline
Concen: 96.077 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.03 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.6	27.3	67.3
108	66.8	47.4	87.4



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





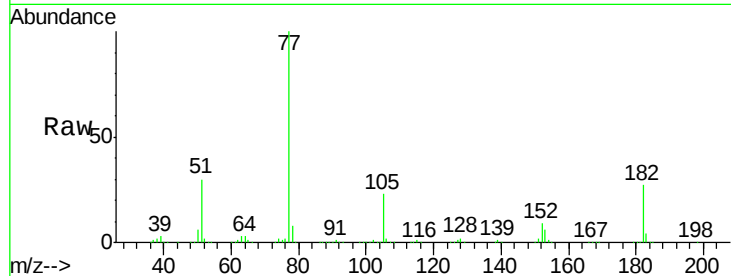
#63
Azobenzene
Concen: 86.687 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.7	7.7	47.7	
105	23.2	3.2	43.2	
51	30.5	8.5	48.5	

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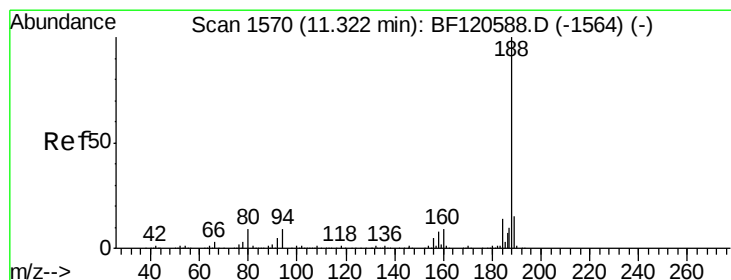
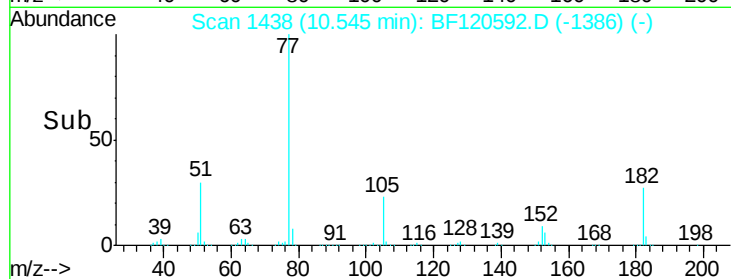
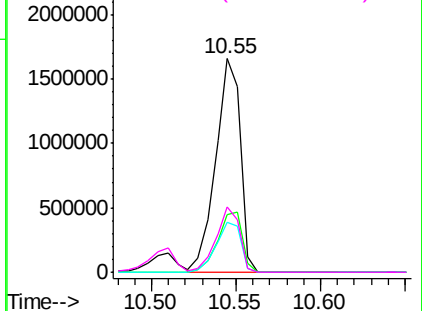


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



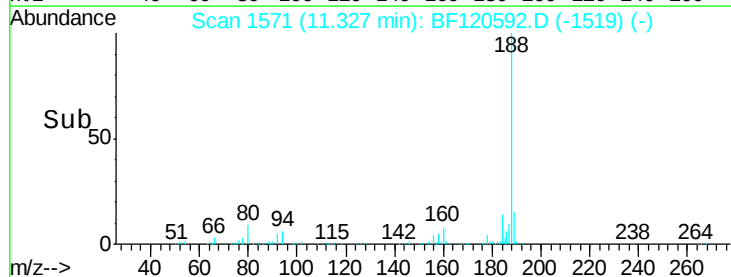
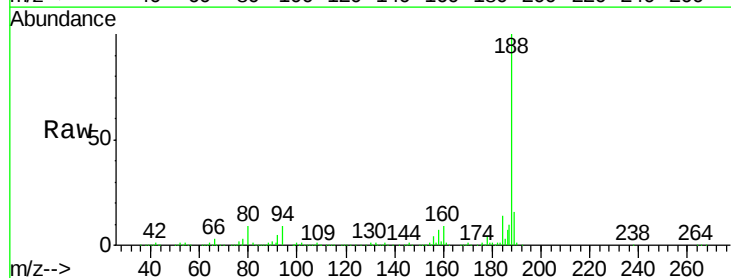
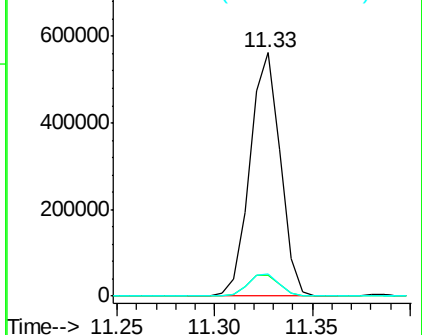
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

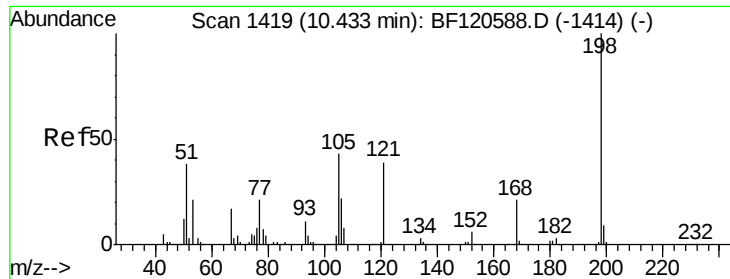
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.8	7.2	10.8	
80	9.1	7.4	11.2	

Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





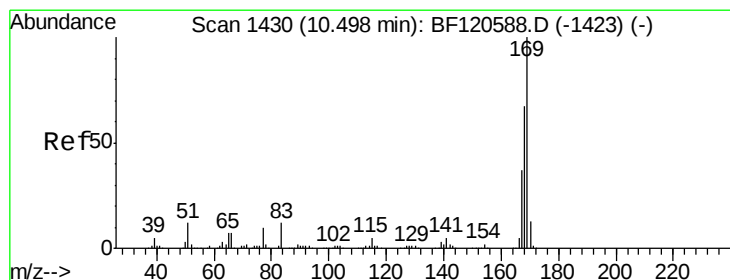
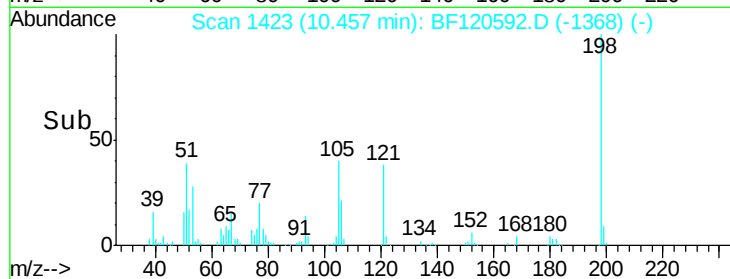
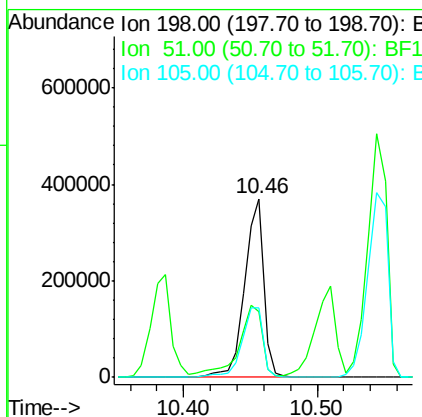
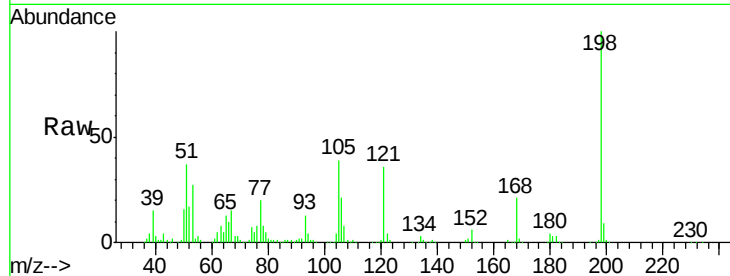
#65
4,6-Dinitro-2-methylphenol
Concen: 112.073 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.02 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC100

Tot Ion	Ratio	Lower	Upper
198	100		
51	37.0	24.8	64.8
105	38.8	23.9	63.9

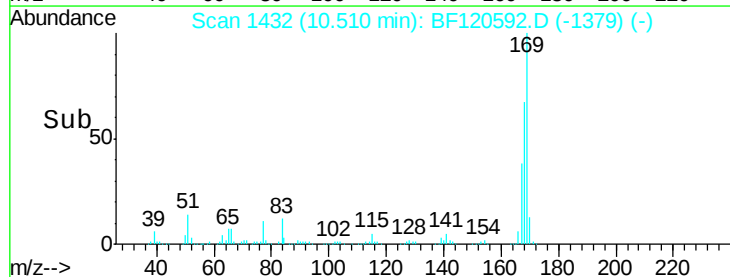
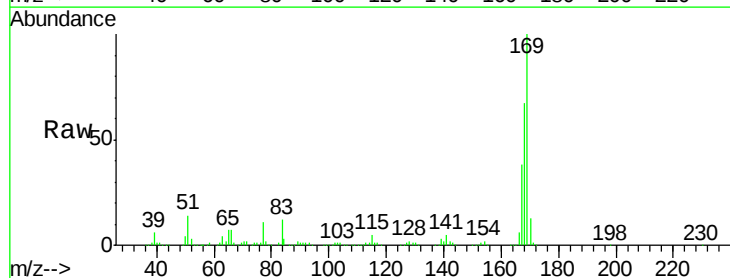
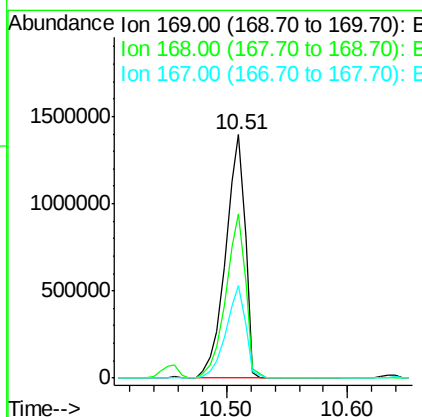
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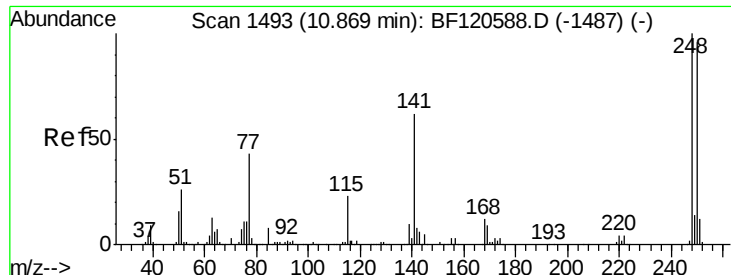
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 96.442 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.7	80.5
167	38.0	29.9	44.9





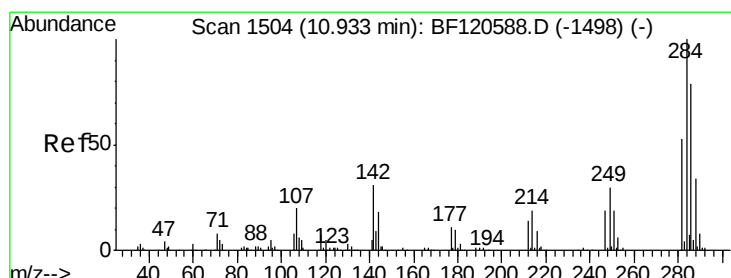
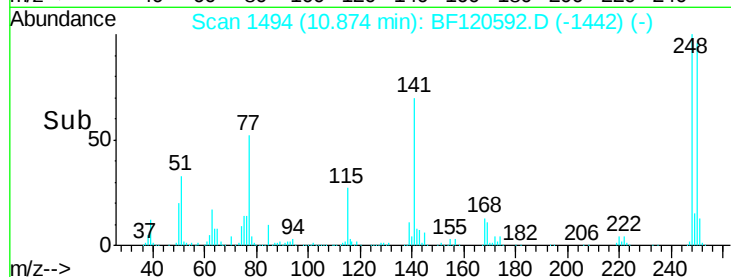
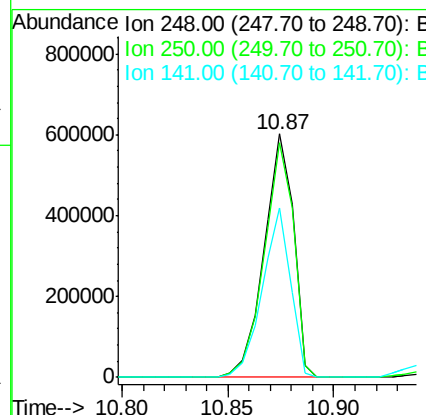
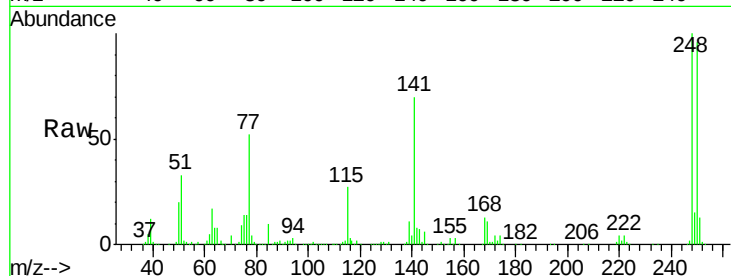
#67
 4-Bromophenyl-phenylether
 Concen: 97.059 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: BF120592.D
 Acq: 10 Jun 2020 15:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion:	248	Resp:	586429
Ion Ratio	Lower	Upper	
248	100		
250	96.2	76.7	115.1
141	69.8	49.4	74.0

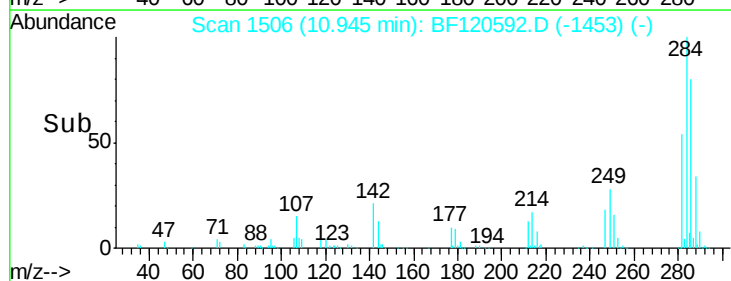
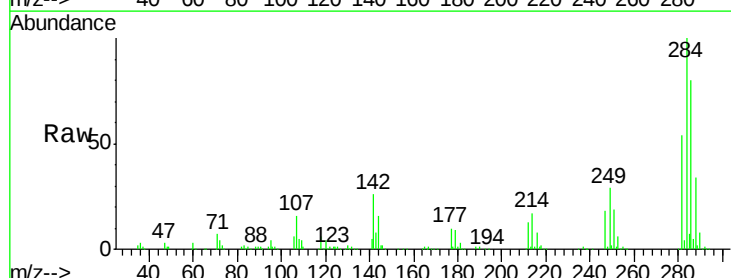
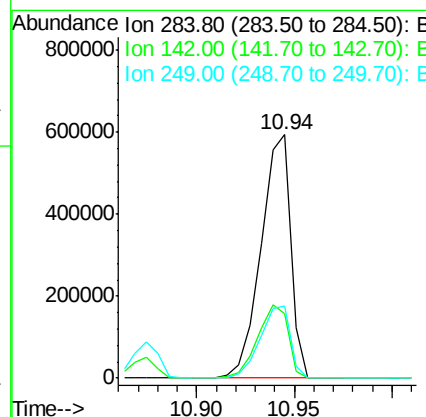
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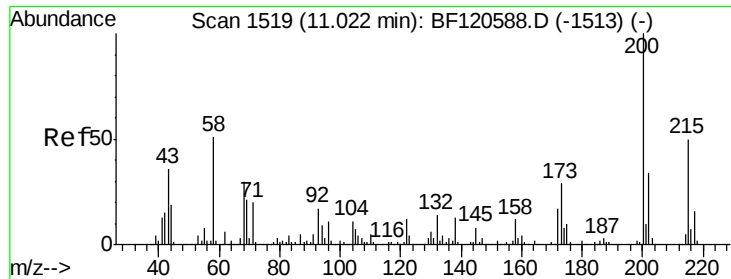
mohammad
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#68
 Hexachlorobenzene
 Concen: 96.674 ng
 RT: 10.94 min Scan# 1506
 Delta R.T. 0.01 min
 Lab File: BF120592.D
 Acq: 10 Jun 2020 15:44

Tgt Ion:	284	Resp:	627665
Ion Ratio	Lower	Upper	
284	100		
142	26.2	25.1	37.7
249	29.4	24.0	36.0





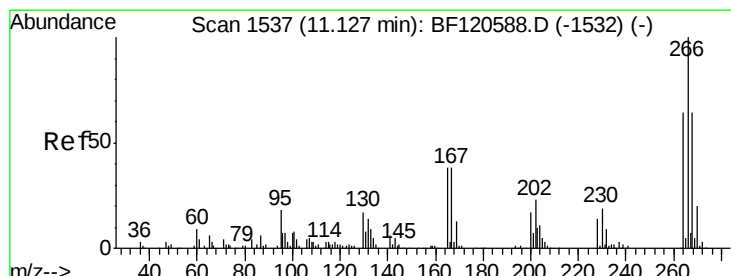
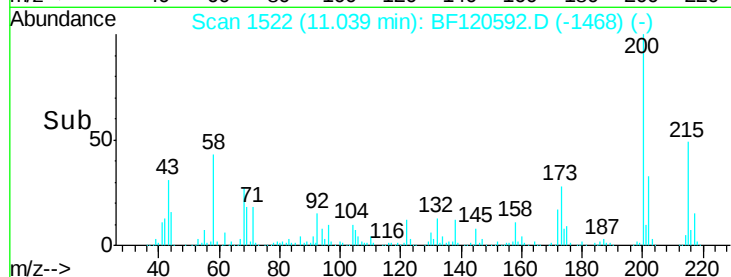
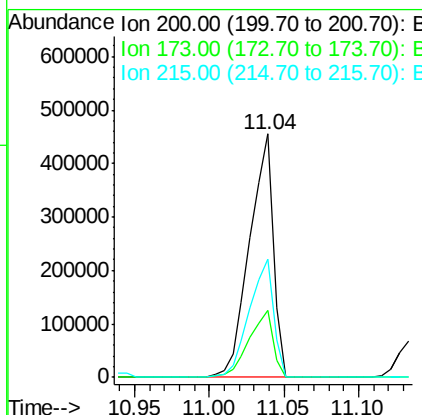
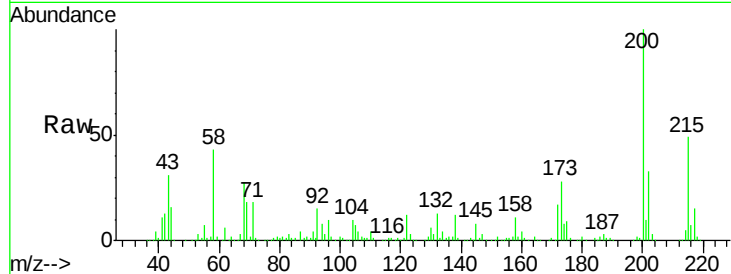
#69
Atrazine
Concen: 108.914 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.02 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.6	9.1	49.1
215	48.8	29.8	69.8

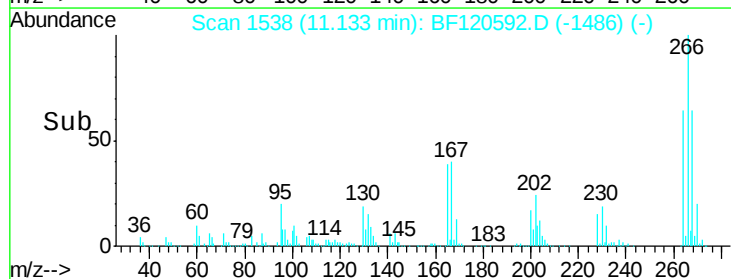
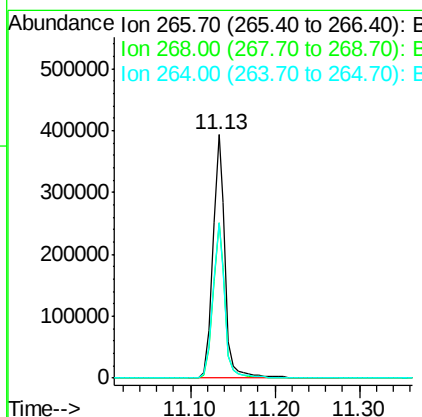
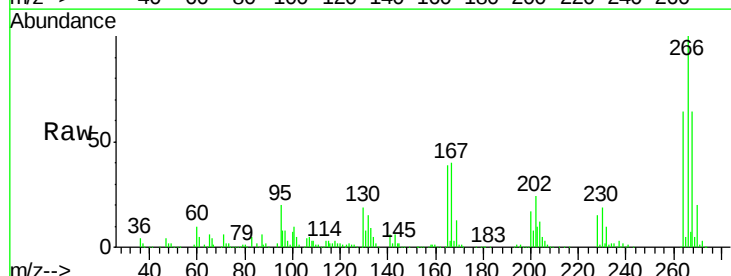
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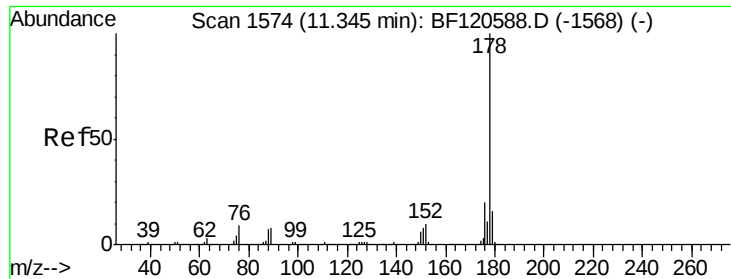
mohammad
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#70
Pentachlorophenol
Concen: 116.240 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.6	51.4	77.0
264	64.0	50.8	76.2





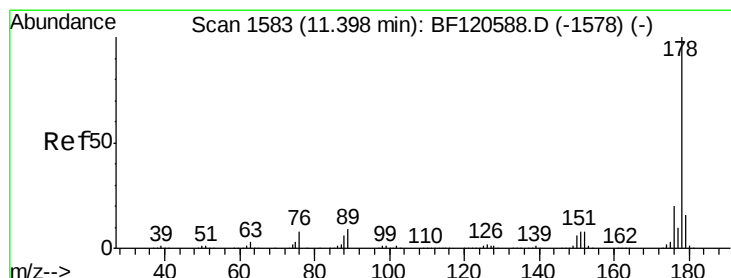
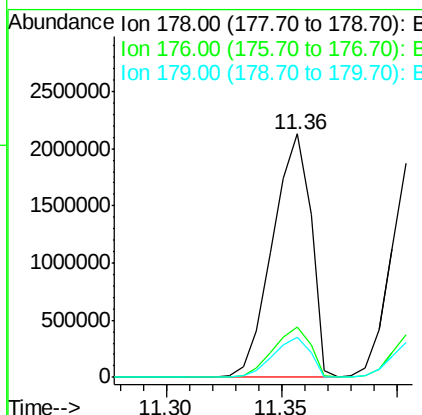
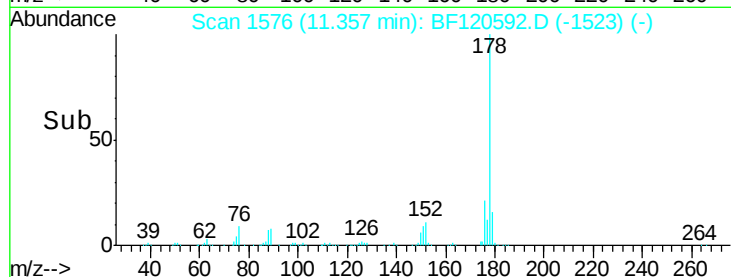
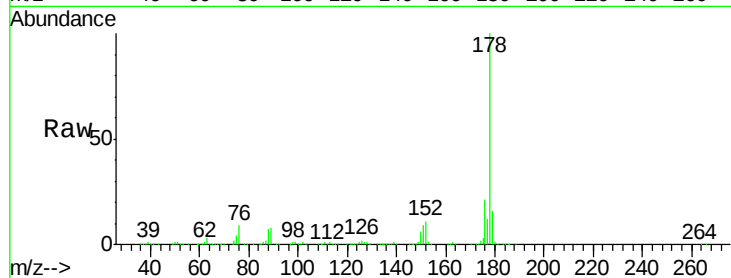
#71
Phenanthrene
Concen: 92.017 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion:178 Resp: 2458607
Ion Ratio Lower Upper
178 100
176 20.9 15.9 23.9
179 16.3 12.8 19.2

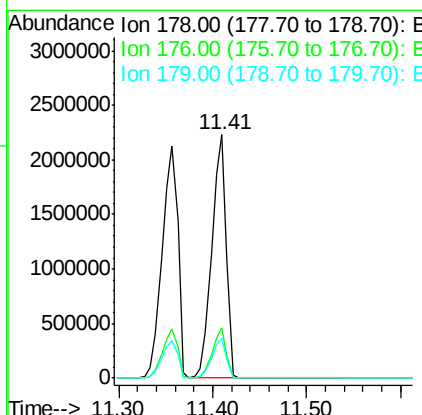
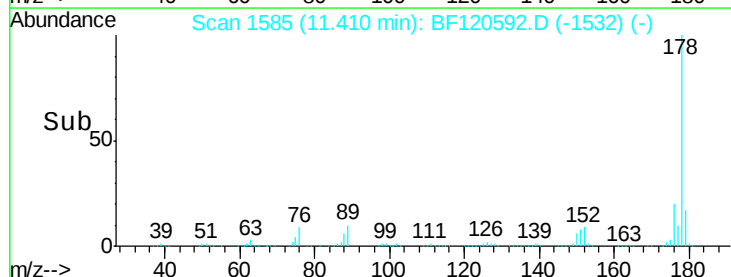
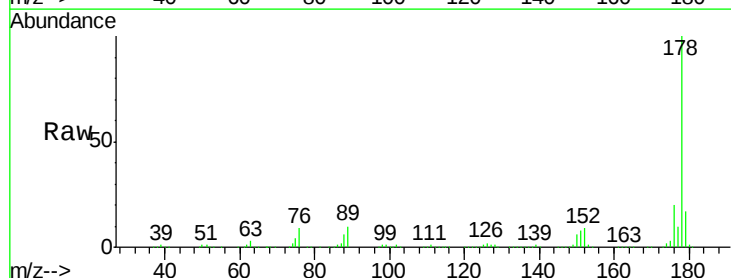
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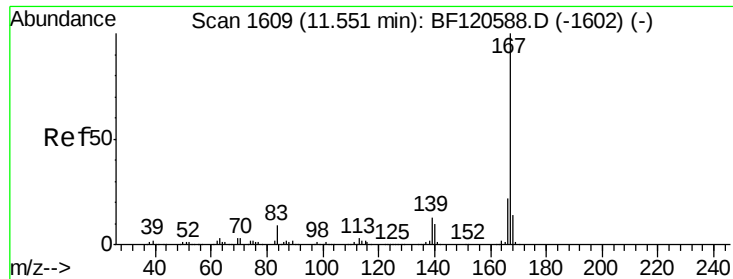
mohammad
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#72
Anthracene
Concen: 89.836 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Tgt Ion:178 Resp: 2426128
Ion Ratio Lower Upper
178 100
176 20.4 15.6 23.4
179 16.5 12.9 19.3





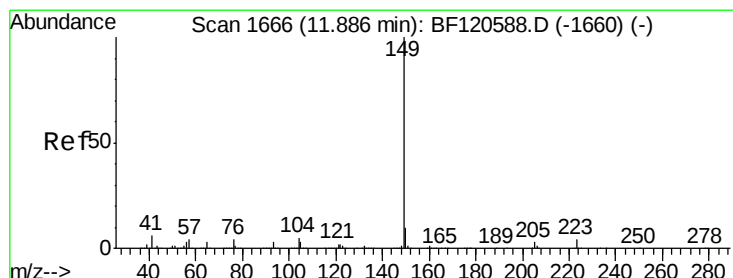
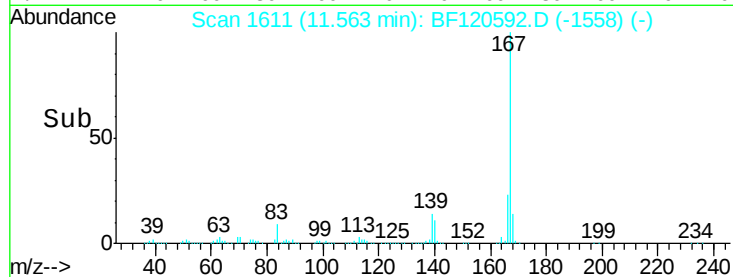
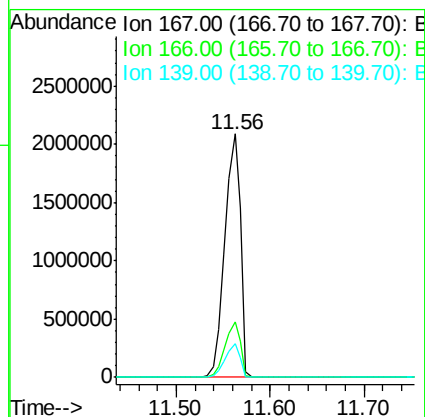
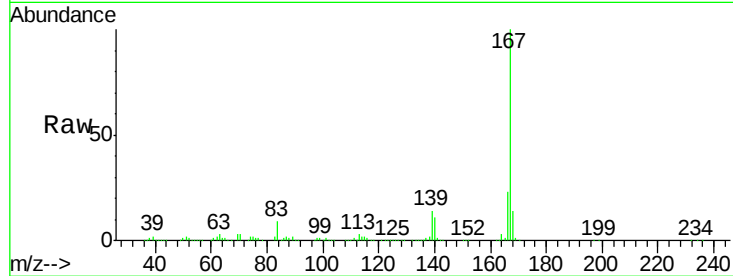
#73
 Carbazole
 Concen: 92.703 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.01 min
 Lab File: BF120592.D
 Acq: 10 Jun 2020 15:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion:167 Resp: 2443874
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.2 25.8
 139 13.7 10.1 15.1

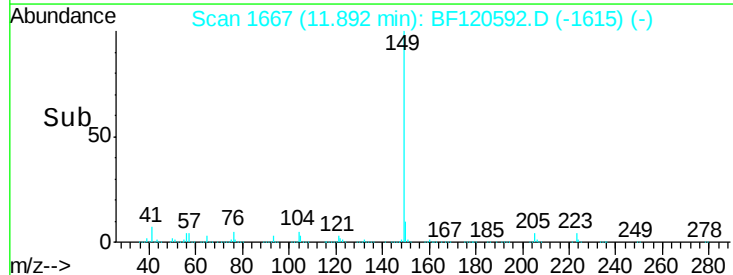
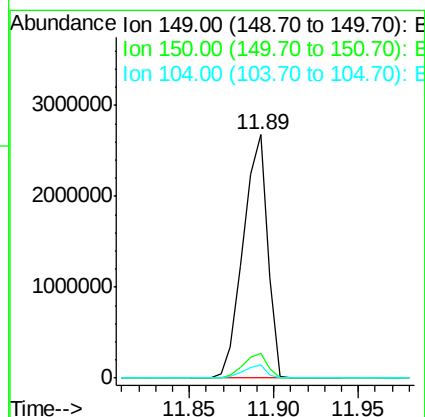
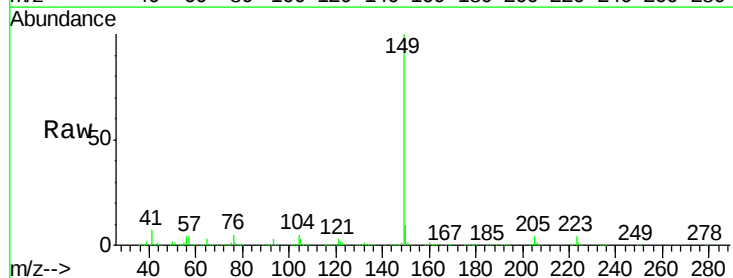
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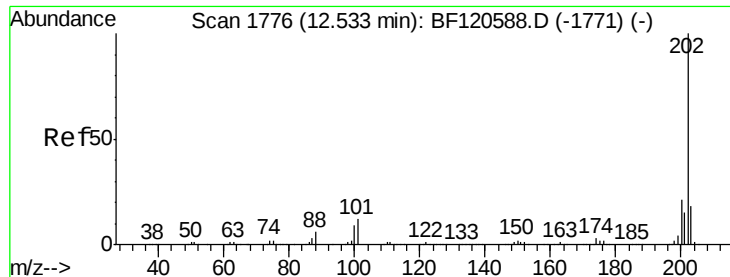
mohammad
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#74
 Di-n-butylphthalate
 Concen: 86.162 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.01 min
 Lab File: BF120592.D
 Acq: 10 Jun 2020 15:44

Tgt Ion:149 Resp: 2700917
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.7 11.5
 104 5.2 3.7 5.5





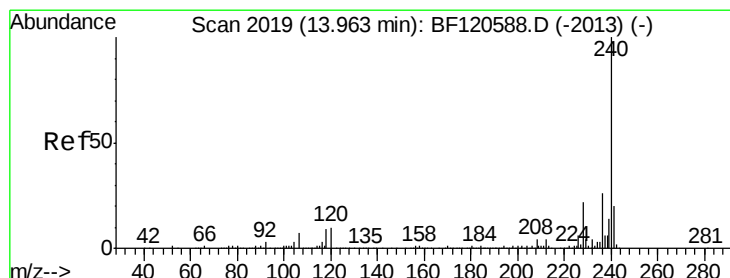
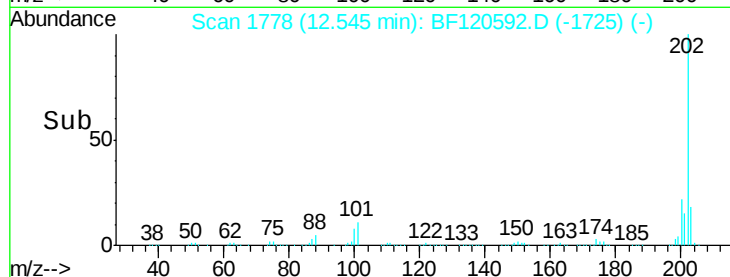
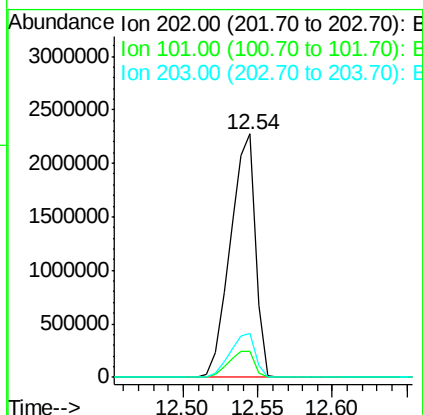
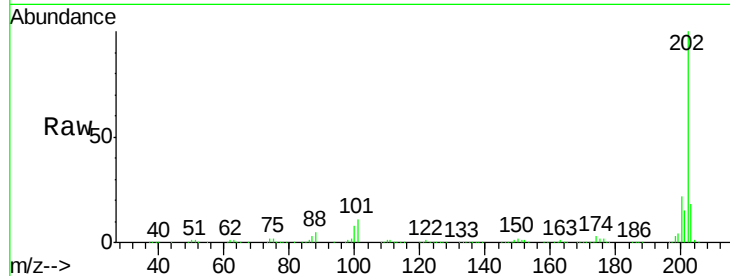
#75
 Fluoranthene
 Concen: 87.052 ng
 RT: 12.54 min Scan# 1778
 Delta R.T. 0.01 min
 Lab File: BF120592.D
 Acq: 10 Jun 2020 15:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	32.0
203	18.3	0.0	38.3

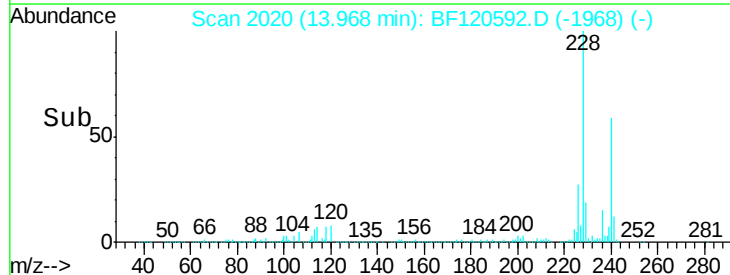
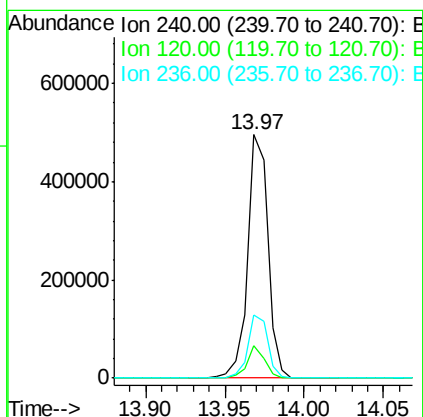
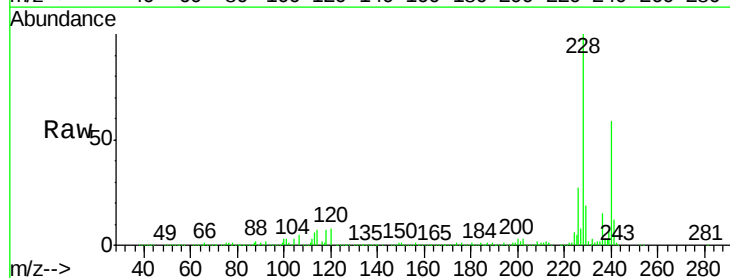
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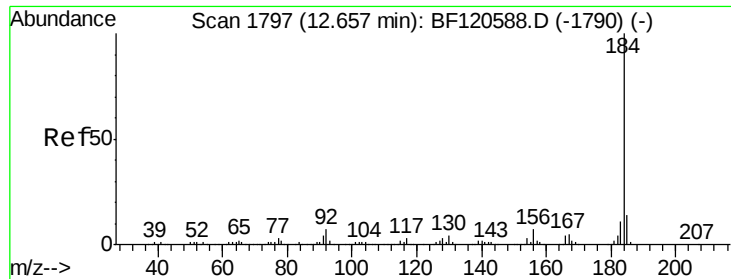
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF120592.D
 Acq: 10 Jun 2020 15:44

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.1	8.3	12.5#
236	26.1	21.0	31.4





#77

Benzidine

Concen: 114.360 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF120592.D

Acq: 10 Jun 2020 15:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:184 Resp: 1186933

Ion Ratio Lower Upper

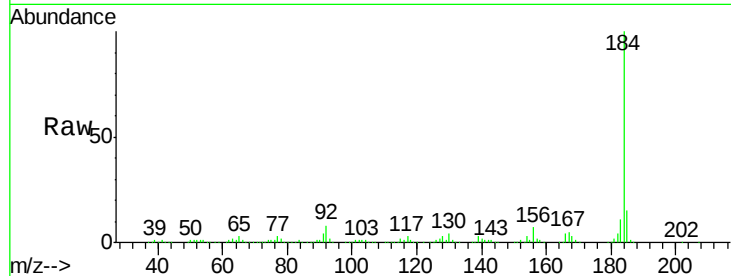
184 100

185 14.7 11.4 17.0

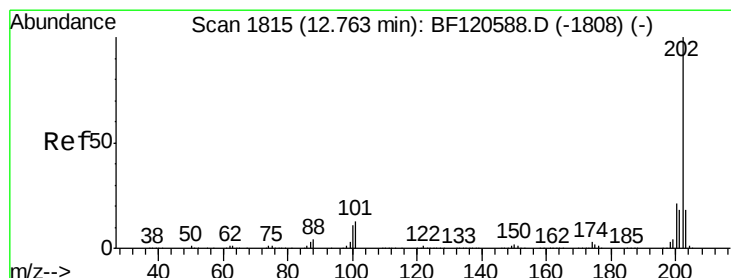
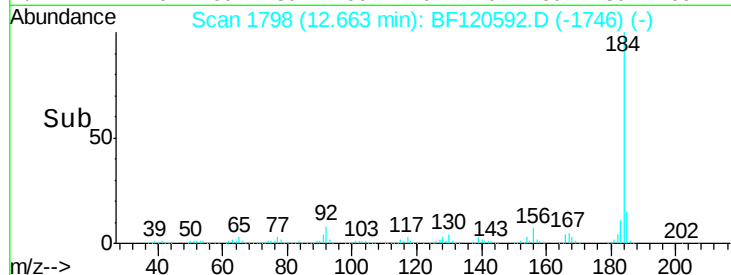
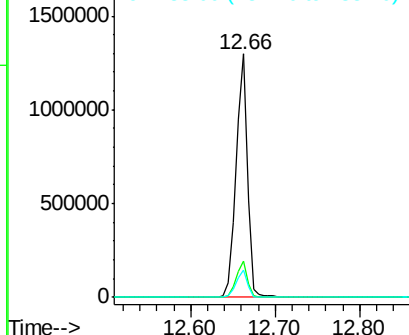
183 11.3 9.0 13.6

Manual Integrations
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mohammad
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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: 99.327 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BF120592.D

Acq: 10 Jun 2020 15:44

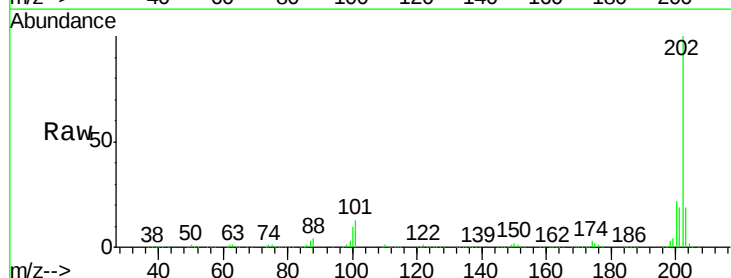
Tgt Ion:202 Resp: 2744623

Ion Ratio Lower Upper

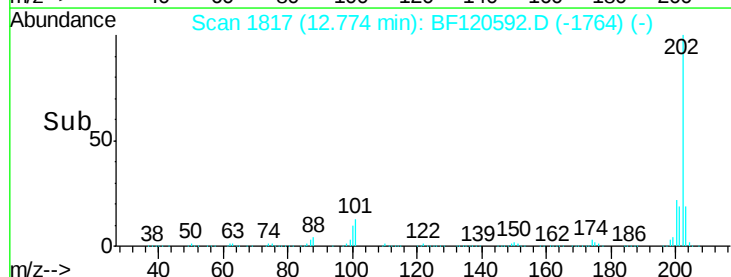
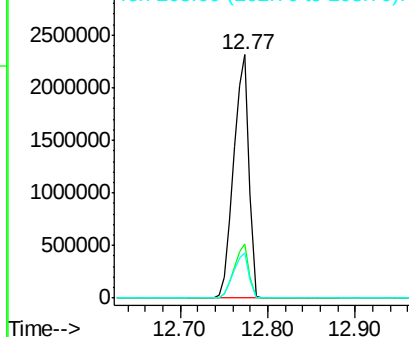
202 100

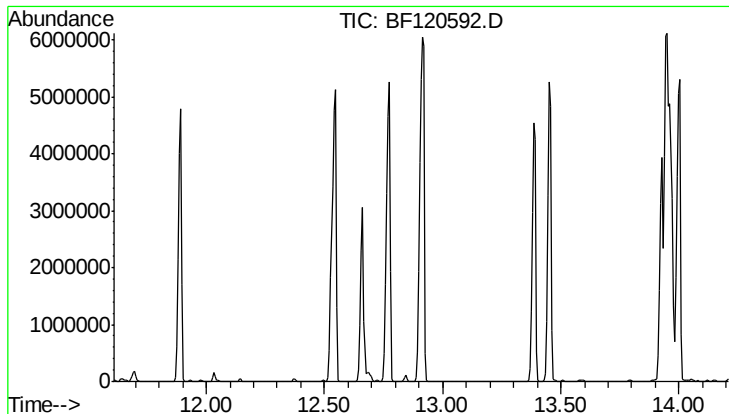
200 22.4 16.8 25.2

203 18.6 14.3 21.5



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: 0.000 ng

Expected RT: 12.91 min

Lab File: BF120592.D

Acq: 10 Jun 2020 15:44

Tot Ion: 244

Sig Exp Ratio

244 100

212 7.1

122 10.4

Instrument :

BNA_F

ClientSampleId :

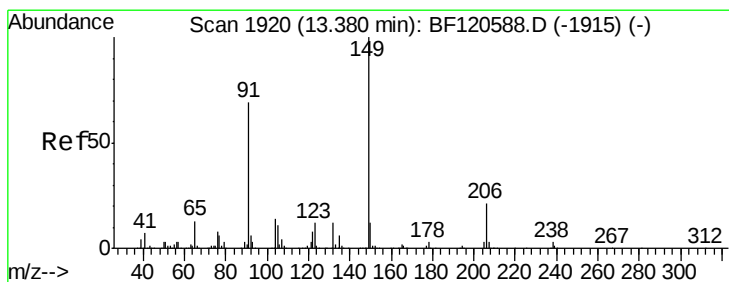
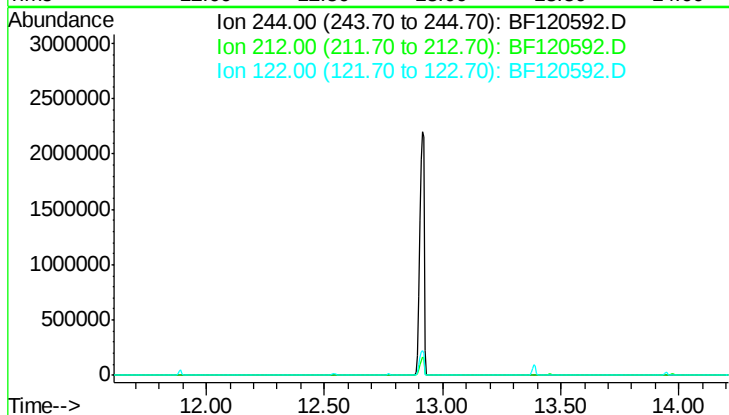
SSTDICC100

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#80

Butylbenzylphthalate

Concen: 105.088 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BF120592.D

Acq: 10 Jun 2020 15:44

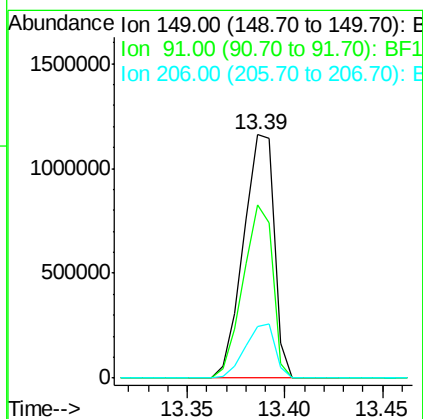
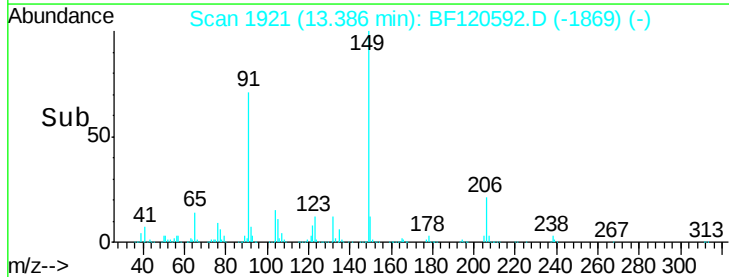
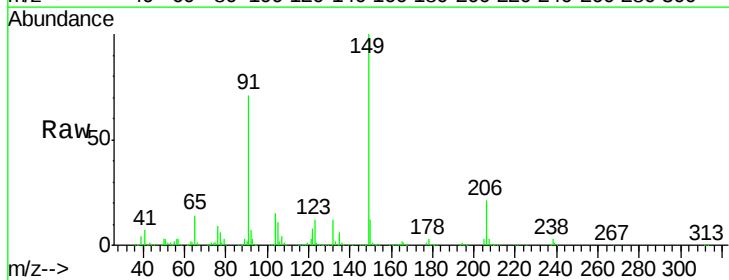
Tgt Ion: 149 Resp: 1270850

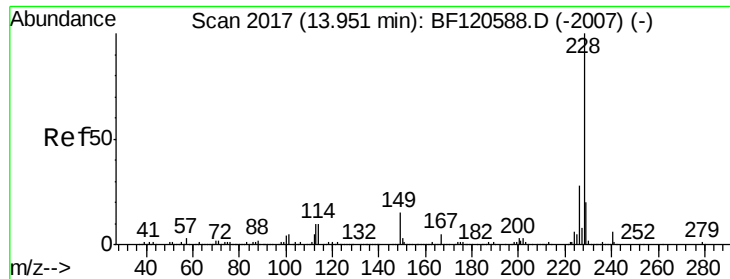
Ion Ratio Lower Upper

149 100

91 70.9 55.4 83.0

206 21.2 17.0 25.4





#81

Benzo(a)anthracene

Concen: 94.536 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF120592.D

Acq: 10 Jun 2020 15:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:228 Resp: 2240046

Ion Ratio Lower Upper

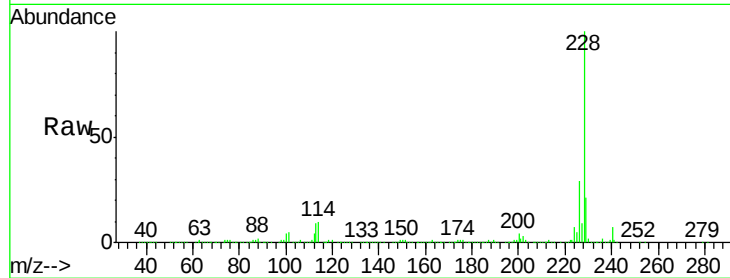
228 100

226 28.9 22.5 33.7

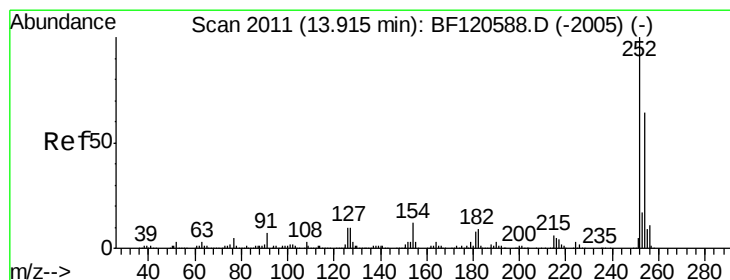
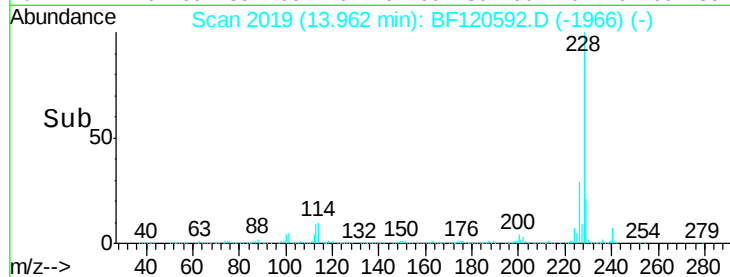
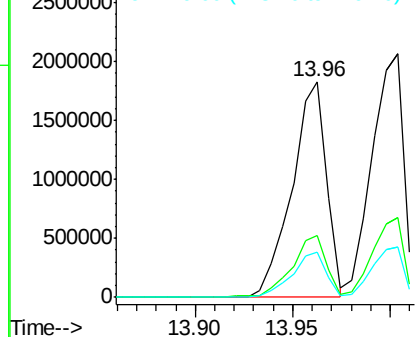
229 20.8 16.1 24.1

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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: 101.535 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF120592.D

Acq: 10 Jun 2020 15:44

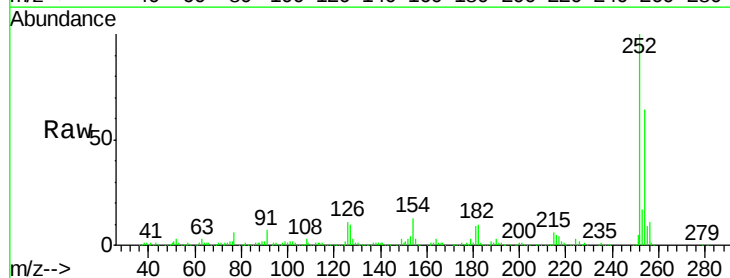
Tgt Ion:252 Resp: 880756

Ion Ratio Lower Upper

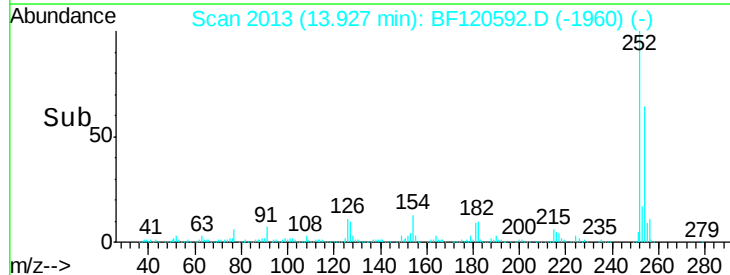
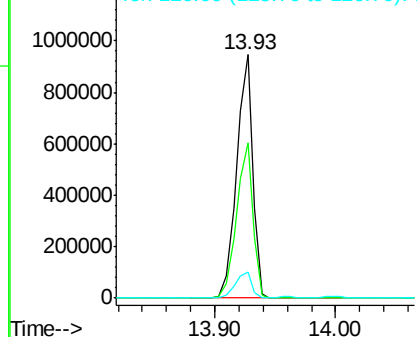
252 100

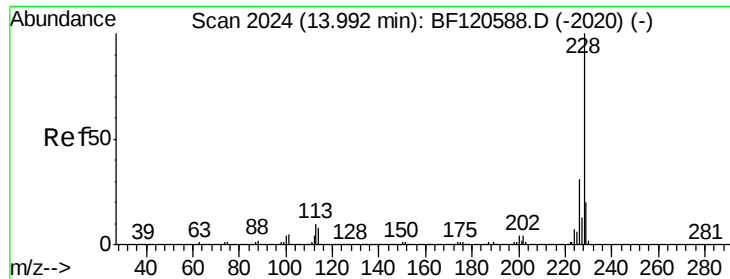
254 63.7 51.4 77.2

126 10.5 7.9 11.9



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





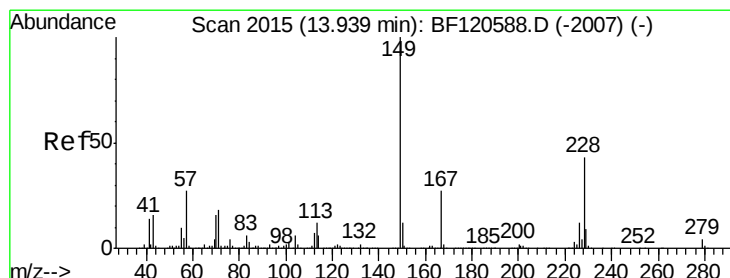
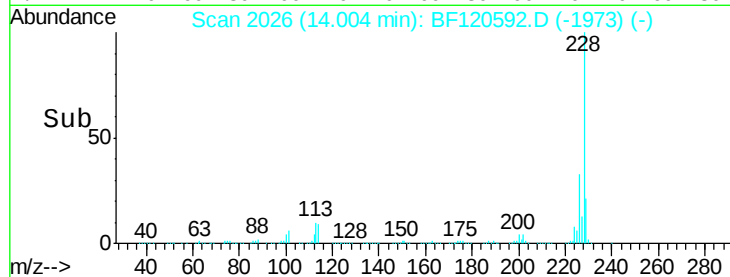
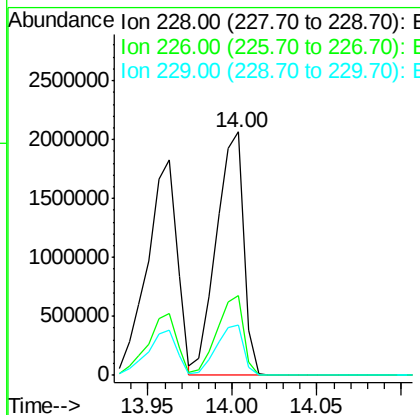
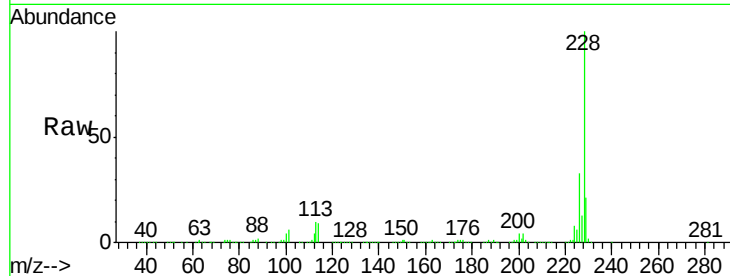
#83
Chrysene
Concen: 96.508 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC100

Tot Ion:228 Resp: 2321348
Ion Ratio Lower Upper
228 100
226 32.6 24.9 37.3
229 20.9 16.1 24.1

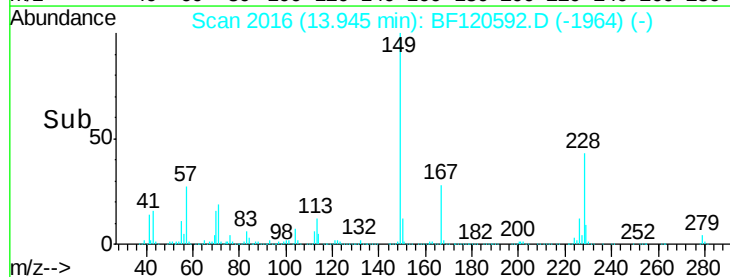
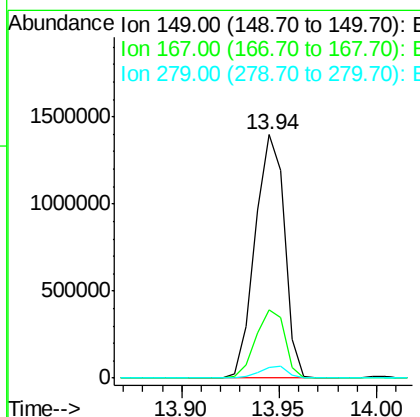
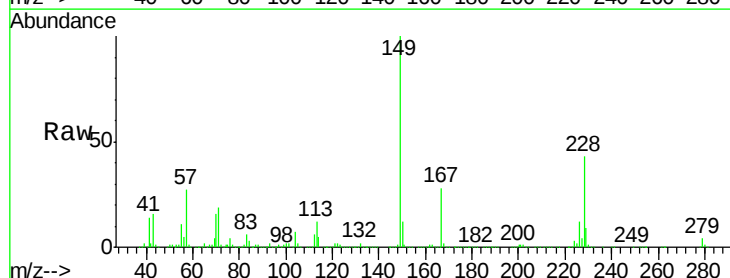
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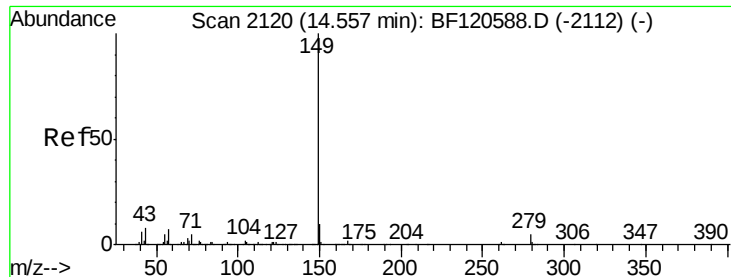
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#84
Bis(2-ethylhexyl)phthalate
Concen: 94.897 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Tgt Ion:149 Resp: 1454629
Ion Ratio Lower Upper
149 100
167 27.8 22.0 33.0
279 4.4 3.0 4.6





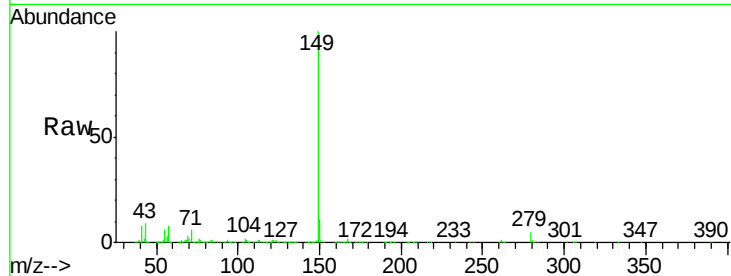
#85
Di-n-octyl phthalate
Concen: 100.842 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC100

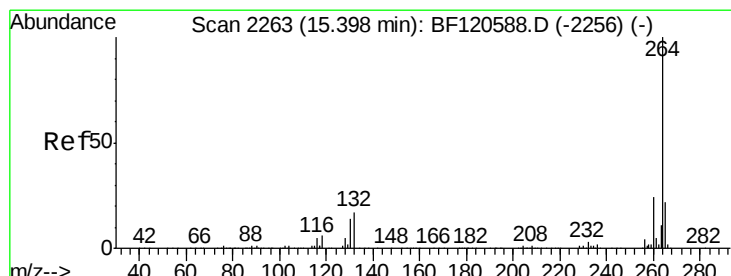
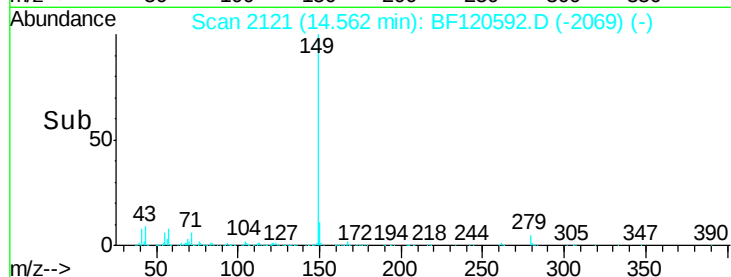
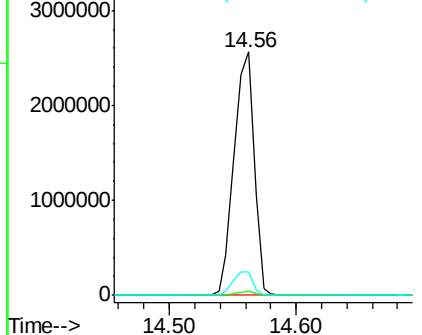
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.6	7.6	11.4

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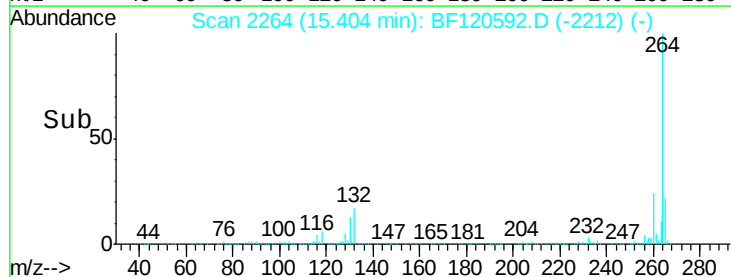
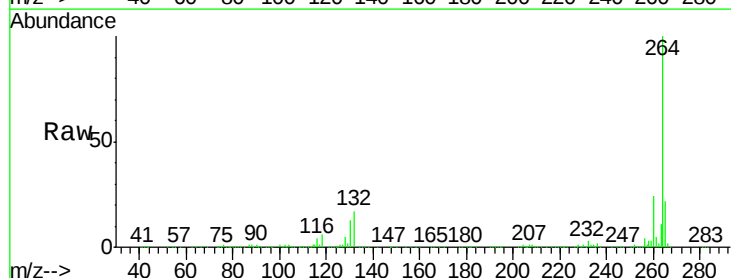
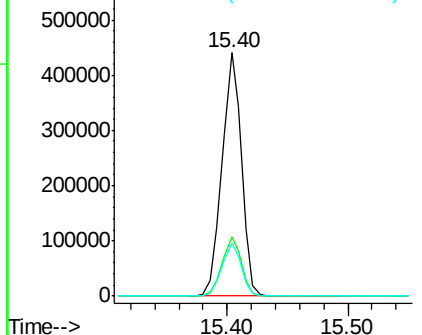
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

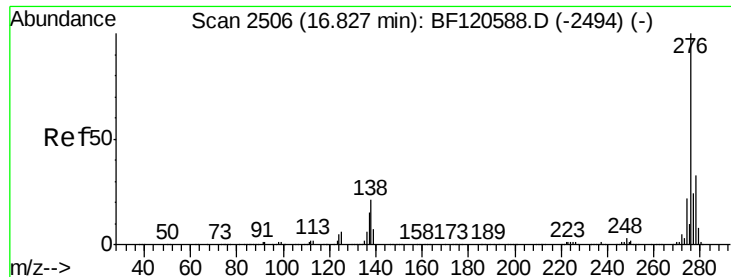


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.3	28.9
265	21.7	17.8	26.8

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





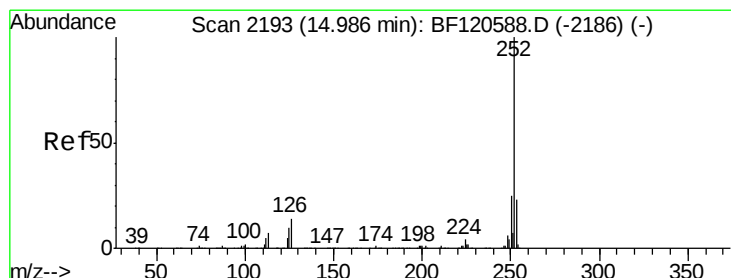
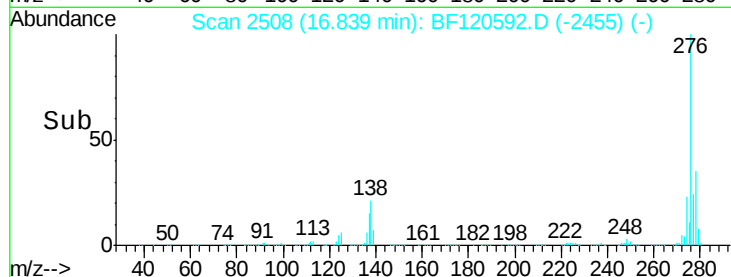
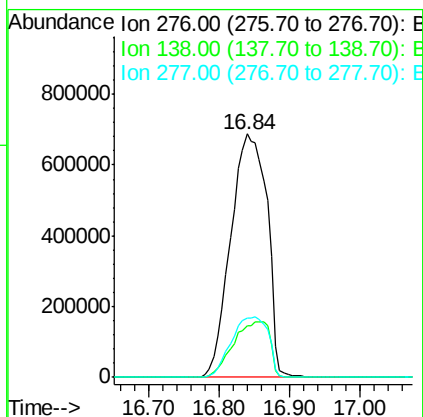
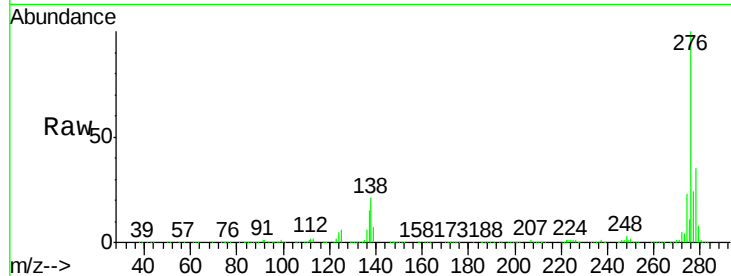
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 89.857 ng
 RT: 16.84 min Scan# 2508
 Delta R.T. 0.01 min
 Lab File: BF120592.D
 Acq: 10 Jun 2020 15:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	18.9	28.3#
277	0.0	20.2	30.2#

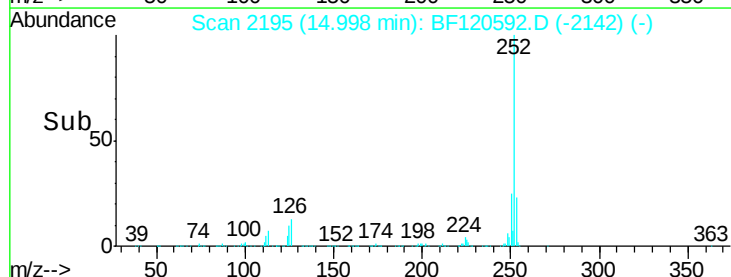
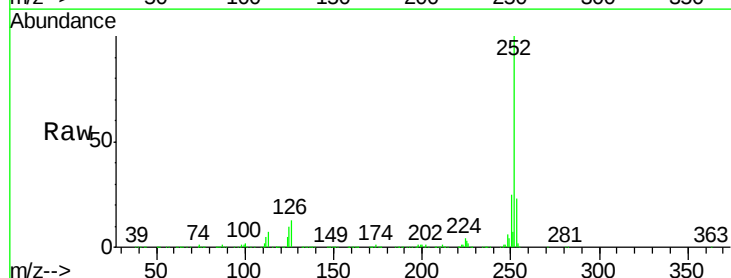
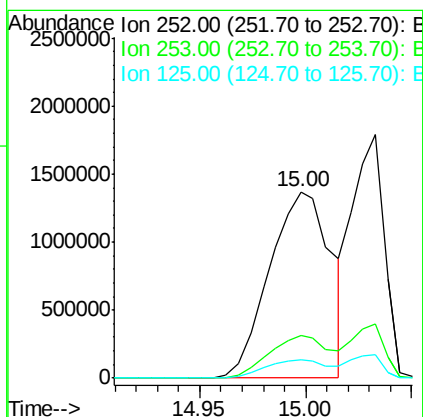
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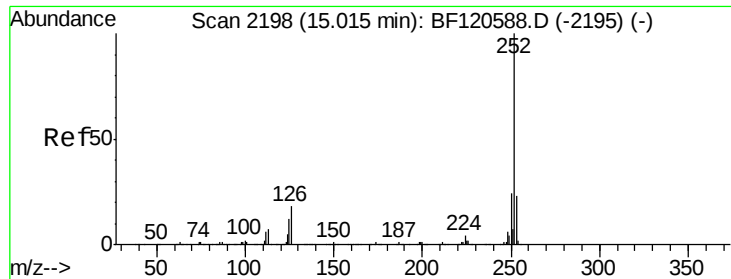
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#88
 Benzo(b)fluoranthene
 Concen: 108.622 ng
 RT: 15.00 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: BF120592.D
 Acq: 10 Jun 2020 15:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	10.1	8.3	12.5





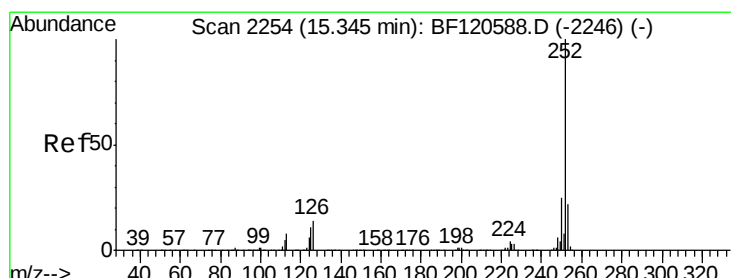
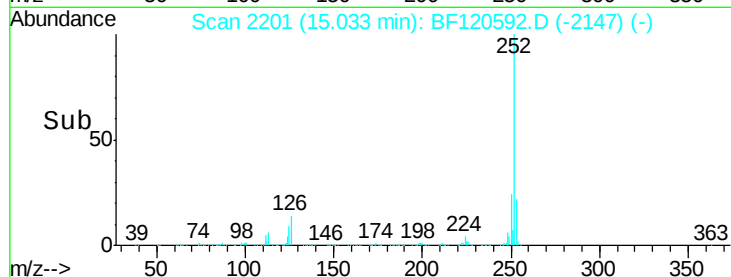
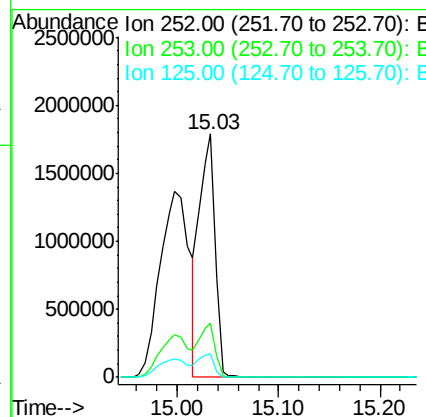
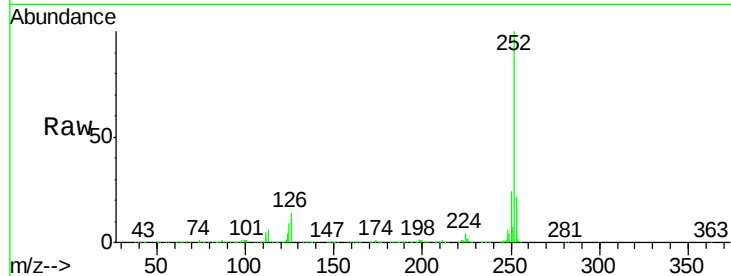
#89
Benzo(k)fluoranthene
Concen: 82.745 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.02 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion:252 Resp: 1907854
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 9.5 8.3 12.5

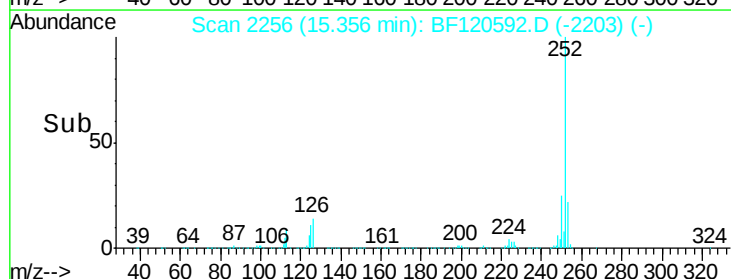
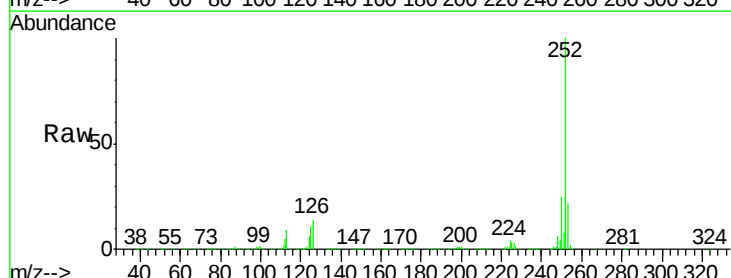
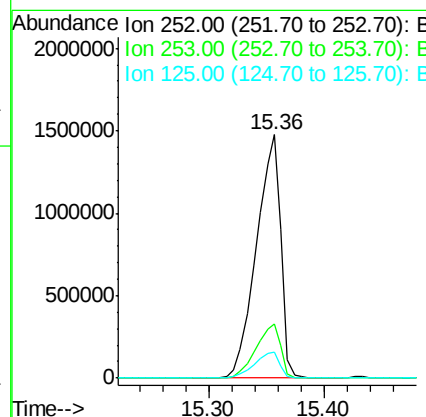
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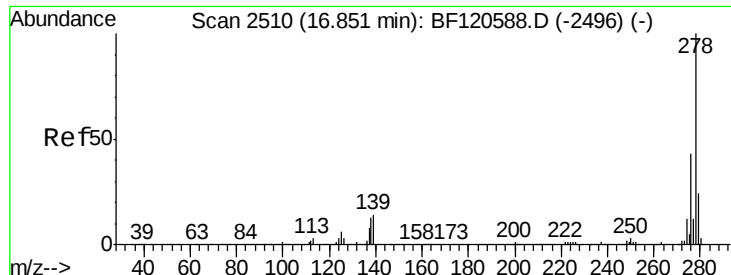
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#90
Benzo(a)pyrene
Concen: 93.812 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.01 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Tgt Ion:252 Resp: 2172251
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 10.9 8.6 12.8





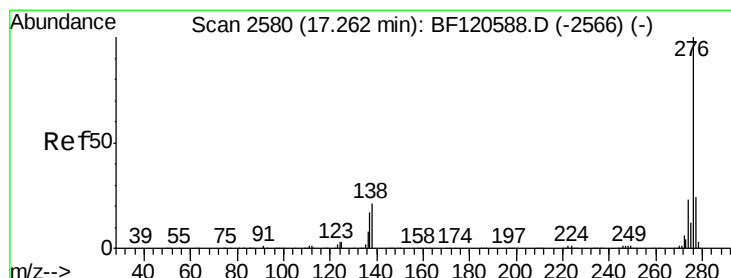
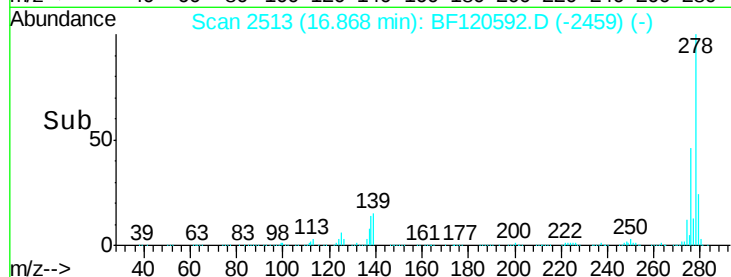
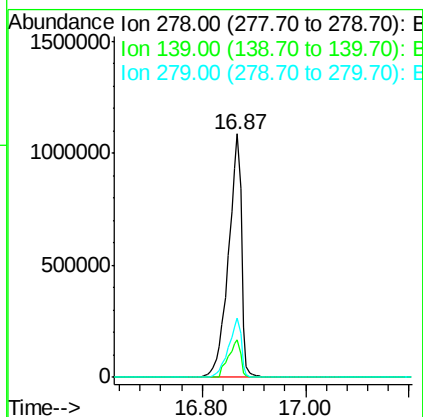
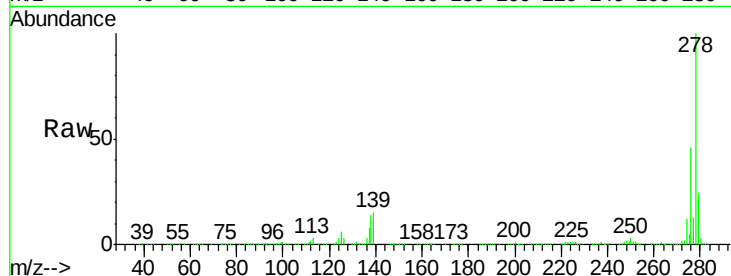
#91
Dibenzo(a,h)anthracene
Concen: 85.984 ng
RT: 16.87 min Scan# 2513
Delta R.T. 0.02 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	11.4	17.2
279	24.3	19.1	28.7

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 93.694 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.02 min
Lab File: BF120592.D
Acq: 10 Jun 2020 15:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.6	29.4
138	19.5	16.5	24.7

