

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120283.D
 Acq On : 14 May 2020 11:34
 Operator : MA/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
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 5/18/2020 1:31:44 PM

Quant Time: May 14 12:08:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 10:46:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	337921	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	1463098	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	729914	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1161074	20.00	ng	0.00
76) Chrysene-d12	13.79	240	706163	20.00	ng	0.00
87) Perylene-d12	15.18	264	745983	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	2709992	121.20	ng	0.00
7) Phenol-d6	6.29	99	3234404	120.63	ng	0.01
23) Nitrobenzene-d5	7.21	82	3003833	111.32	ng	0.01
42) 2,4,6-Tribromophenol	10.46	330	817598	107.32	ng	0.00
45) 2-Fluorobiphenyl	9.00	172	4905526	106.94	ng	0.00
79) Terphenyl-d14	12.74	244	4709880	127.39	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.20	88	508436	50.026	ng	99
3) Pyridine	2.87	79	1776208	63.354	ng	100
4) n-Nitrosodimethylamine	2.85	42	700655	61.799	ng	98
6) Aniline	6.30	93	2091520	63.241	ng	96
8) 2-Chlorophenol	6.42	128	1437755	62.377	ng	97
9) Benzaldehyde	6.17	77	968875	72.003	ng	99
10) Phenol	6.30	94	1941427	65.148	ng	95
11) bis(2-Chloroethyl)ether	6.37	93	1513465	62.667	ng	96
12) 1,3-Dichlorobenzene	6.57	146	1579764	65.158	ng	98
13) 1,4-Dichlorobenzene	6.65	146	1649646	64.488	ng	99
14) 1,2-Dichlorobenzene	6.80	146	1363407	60.353	ng	99
15) Benzyl Alcohol	6.79	79	1099563	62.200	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.92	45	2275465	63.405	ng	86
17) 2-Methylphenol	6.91	107	1250683	64.303	ng	# 92
18) Hexachloroethane	7.13	117	610840	67.593	ng	97
19) n-Nitroso-di-n-propylamine	7.06	70	1016448	63.068	ng	98
20) 3+4-Methylphenols	7.07	107	1533028	61.333	ng	94
22) Acetophenone	7.06	105	2057511	58.090	ng	96
24) Nitrobenzene	7.23	77	1629437	59.181	ng	99
25) Isophorone	7.47	82	3216808	59.660	ng	100
26) 2-Nitrophenol	7.54	139	863185	58.351	ng	98
27) 2,4-Dimethylphenol	7.59	122	1219902	56.704	ng	96
28) bis(2-Chloroethoxy)methane	7.67	93	2081368	63.396	ng	99
29) 2,4-Dichlorophenol	7.79	162	1358210	63.211	ng	99
30) 1,2,4-Trichlorobenzene	7.86	180	1472962	60.871	ng	99
31) Naphthalene	7.94	128	4369548	59.260	ng	97
32) Benzoic acid	7.77	122	1053110	73.657	ng	100
33) 4-Chloroaniline	8.00	127	2173756	67.020	ng	98
34) Hexachlorobutadiene	8.05	225	835914	60.063	ng	97
35) Caprolactam	8.40	113	459350m	70.236	ng	
36) 4-Chloro-3-methylphenol	8.50	107	1444336	62.405	ng	99
37) 2-Methylnaphthalene	8.63	142	2946935	58.485	ng	97
38) 1-Methylnaphthalene	8.73	142	2806882	57.157	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.80	216	1347428	61.171	ng	99

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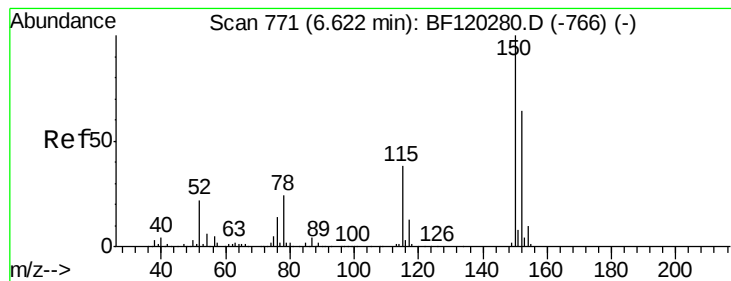
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	625633	79.635	nq	99
43) 2,4,6-Trichlorophenol	8.92	196	940455	66.775	nq	98
44) 2,4,5-Trichlorophenol	8.96	196	1066639	66.083	nq	97
46) 1,1'-Biphenyl	9.10	154	3327671	57.397	nq	97
47) 2-Chloronaphthalene	9.12	162	2715207	61.341	nq	99
48) 2-Nitroaniline	9.22	65	1071328	68.013	nq	96
49) Acenaphthylene	9.53	152	3950807	57.131	nq	98
50) Dimethylphthalate	9.41	163	3388997	61.891	nq	100
51) 2,6-Dinitrotoluene	9.47	165	763744	63.642	nq	99
52) Acenaphthene	9.70	154	2504094	59.789	nq	99
53) 3-Nitroaniline	9.65	138	918864	64.409	nq	97
54) 2,4-Dinitrophenol	9.75	184	421307	70.305	nq	91
55) Dibenzofuran	9.87	168	3386540	55.566	nq	97
56) 4-Nitrophenol	9.83	139	544361	70.356	nq	99
57) 2,4-Dinitrotoluene	9.87	165	834267	56.953	nq	91
58) Fluorene	10.22	166	2528211	52.866	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.00	232	802362	63.168	nq	97
60) Diethylphthalate	10.10	149	3212336	58.820	nq	98
61) 4-Chlorophenyl-phenylether	10.21	204	1246049	51.566	nq	99
62) 4-Nitroaniline	10.26	138	858707	60.199	nq	98
63) Azobenzene	10.37	77	2796972	54.664	nq	98
65) 4,6-Dinitro-2-methylphenol	10.29	198	509613	65.551	nq	92
66) n-Nitrosodiphenylamine	10.34	169	2381422	57.068	nq	99
67) 4-Bromophenyl-phenylether	10.70	248	851509	58.449	nq	99
68) Hexachlorobenzene	10.76	284	920129	60.817	nq	99
69) Atrazine	10.87	200	746855	84.354	nq	98
70) Pentachlorophenol	10.96	266	410300	66.072	nq	99
71) Phenanthrene	11.18	178	3511350	60.597	nq	98
72) Anthracene	11.23	178	3773525	60.737	nq	98
73) Carbazole	11.39	167	3556779	57.166	nq	99
74) Di-n-butylphthalate	11.72	149	4329640	55.129	nq	99
75) Fluoranthene	12.36	202	3846131	56.302	nq	99
77) Benzidine	12.49	184	1477718	86.810	nq	# 94
78) Pyrene	12.59	202	3906307	66.797	nq	97
80) Butylbenzylphthalate	13.22	149	1878556	67.603	nq	96
81) Benzo(a)anthracene	13.78	228	2739929	61.345	nq	100
82) 3,3'-Dichlorobenzidine	13.75	252	1030406	63.663	nq	# 98
83) Chrysene	13.82	228	2927639	60.263	nq	99
84) Bis(2-ethylhexyl)phthalate	13.77	149	2196516	62.236	nq	99
85) Di-n-octyl phthalate	14.39	149	4032525	61.748	nq	99
86) Indeno(1,2,3-cd)pyrene	16.52	276	3126149	70.003	nq	100
88) Benzo(b)fluoranthene	14.79	252	3317114	67.250	nq	99
89) Benzo(k)fluoranthene	14.82	252	2462827	56.203	nq	98
90) Benzo(a)pyrene	15.13	252	2742468	62.721	nq	98
91) Dibenzo(a,h)anthracene	16.53	278	2482862	63.059	nq	99
92) Benzo(g,h,i)perylene	16.92	276	2643004	67.422	nq	99

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



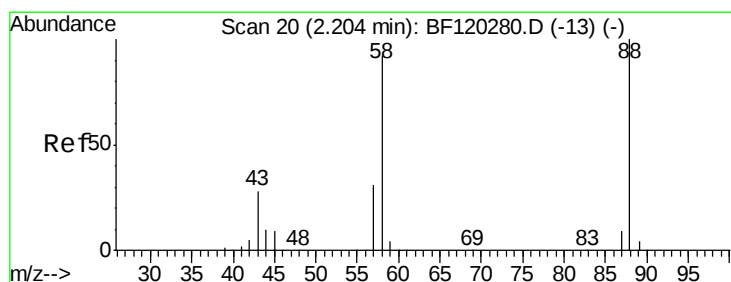
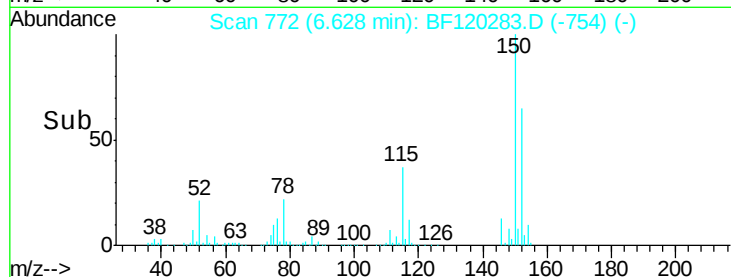
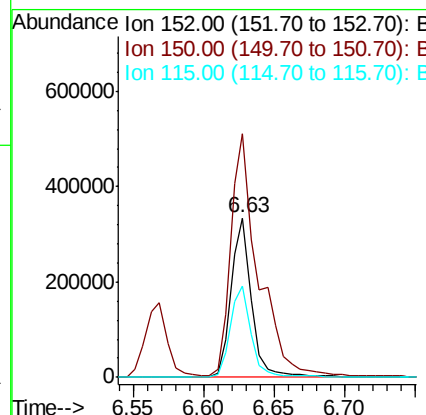
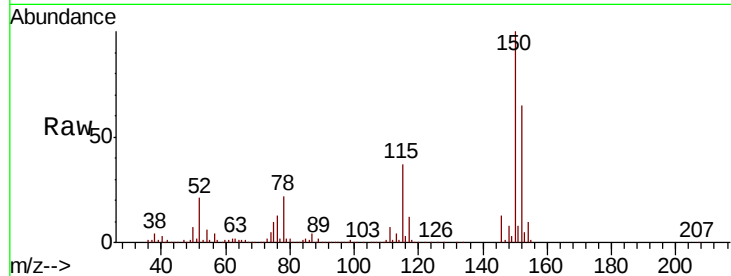
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.63 min Scan# 772
 Delta R.T. 0.01 min
 Lab File: BF120283.D
 Acq: 14 May 2020 11:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	126.2	189.2
115	57.0	47.9	71.9

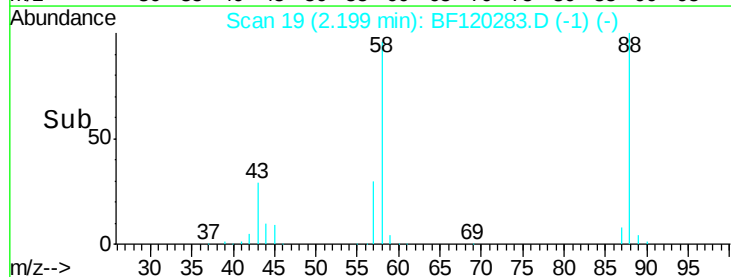
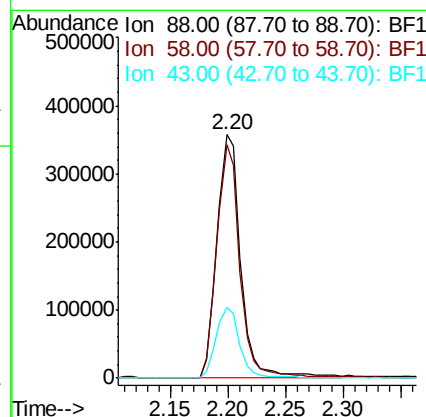
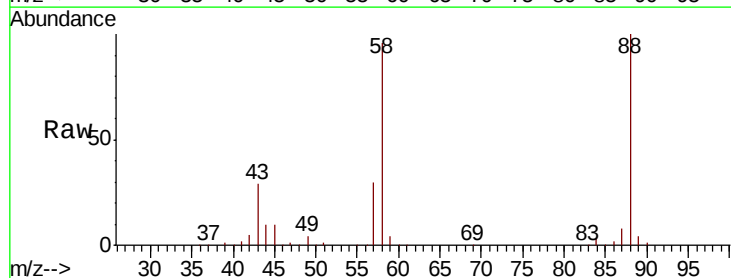
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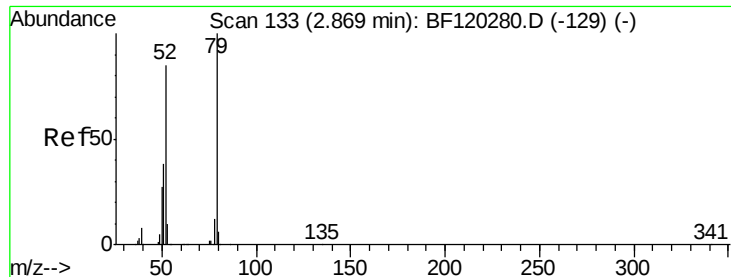
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#2
 1,4-Dioxane
 Concen: 50.026 ng
 RT: 2.20 min Scan# 19
 Delta R.T. -0.01 min
 Lab File: BF120283.D
 Acq: 14 May 2020 11:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.2	75.8	113.6
43	29.9	23.6	35.4





#3

Pvridine

Concen: 63.354 ng

RT: 2.87 min Scan# 133

Delta R.T. 0.00 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 79 Resp: 1776208

Ion Ratio Lower Upper

79 100

52 85.2 68.4 102.6

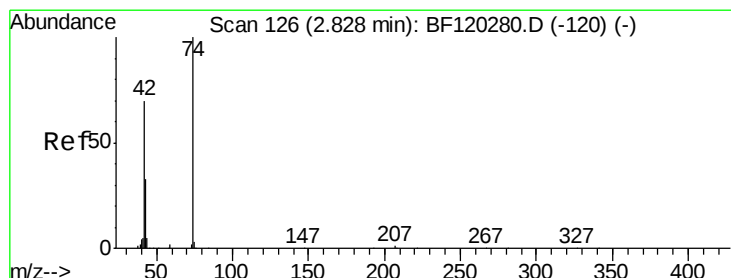
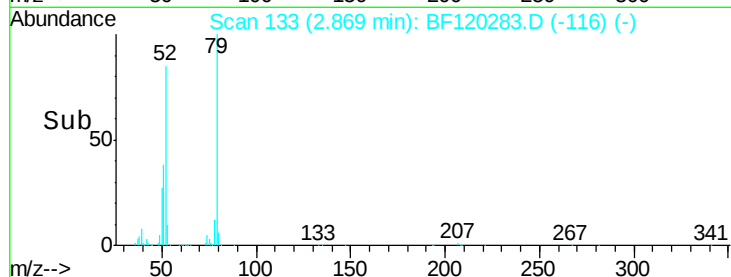
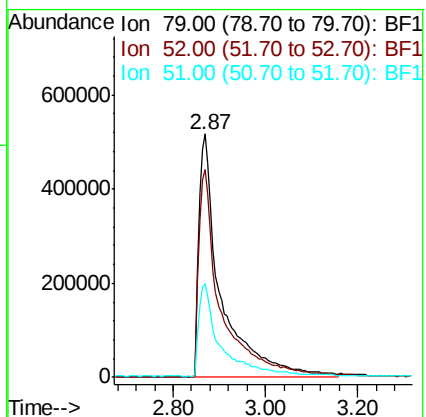
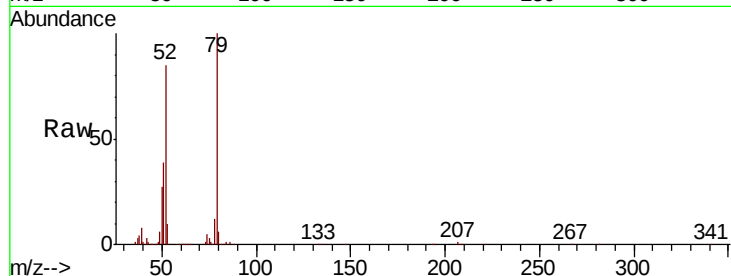
51 38.6 31.0 46.4

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#4

n-Nitrosodimethylamine

Concen: 61.799 ng

RT: 2.85 min Scan# 130

Delta R.T. 0.02 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

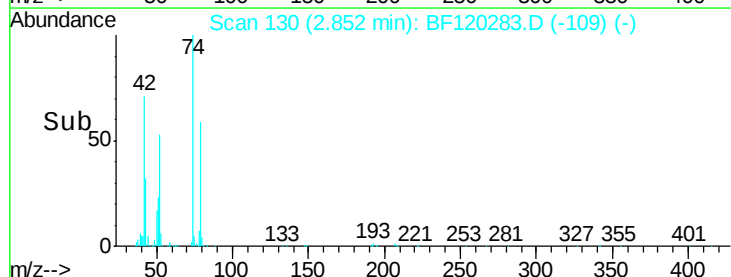
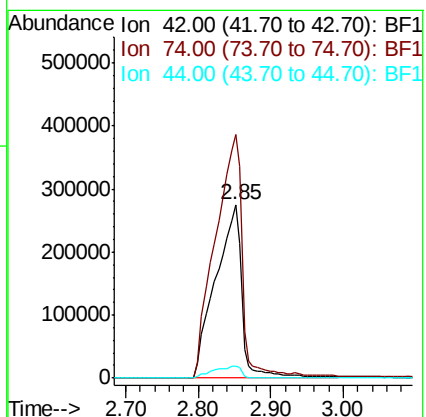
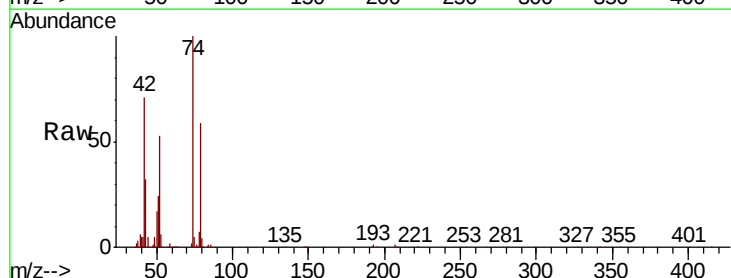
Tgt Ion: 42 Resp: 700655

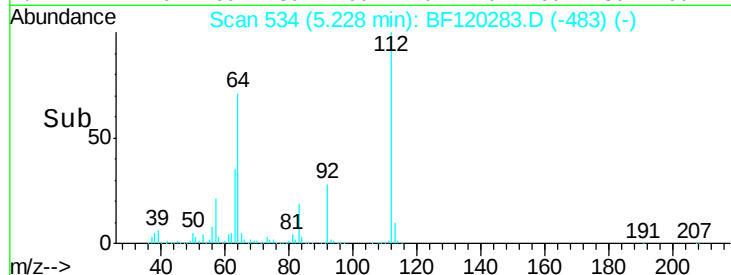
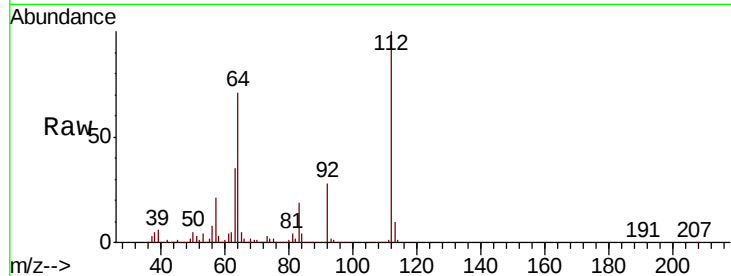
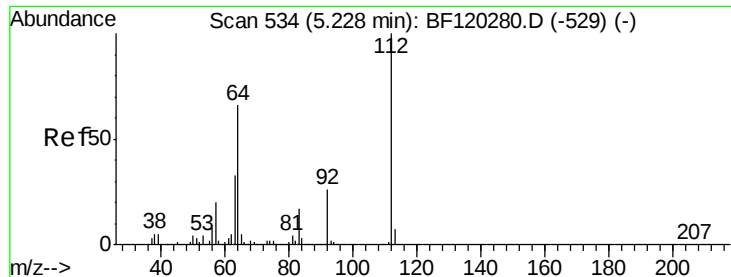
Ion Ratio Lower Upper

42 100

74 140.3 114.8 172.2

44 7.0 5.6 8.4





#5

2-Fluorophenol

Concen: 121.205 ng

RT: 5.23 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

Tot Ion:	112	Resp:	2709992
Ion	Ratio	Lower	Upper
112	100		
64	71.0	52.7	79.1
63	35.5	26.2	39.4

Instrument :

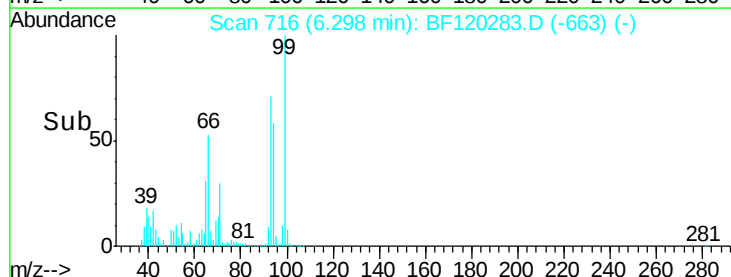
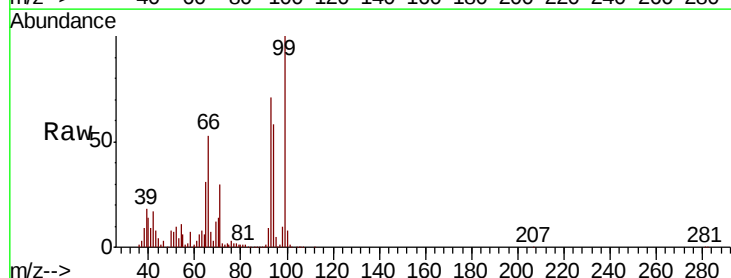
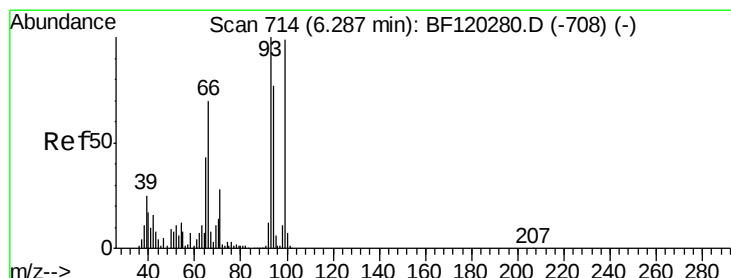
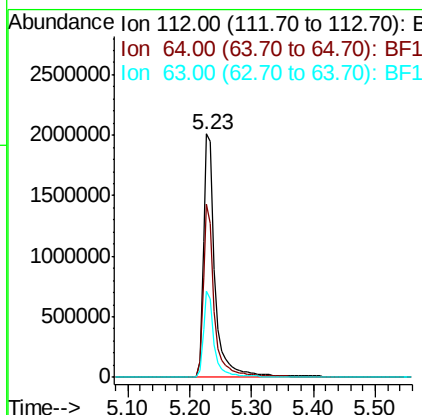
BNA_F

ClientSampleId :

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#6

Aniline

Concen: 63.241 ng

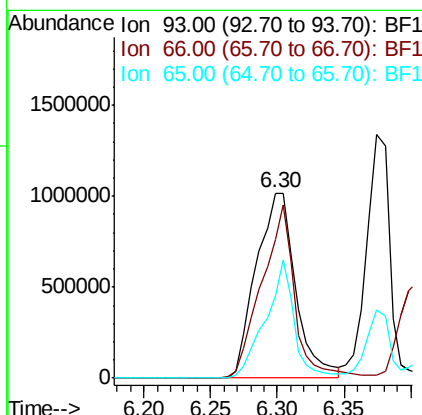
RT: 6.30 min Scan# 716

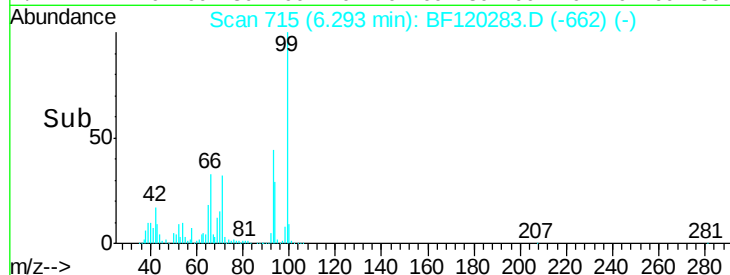
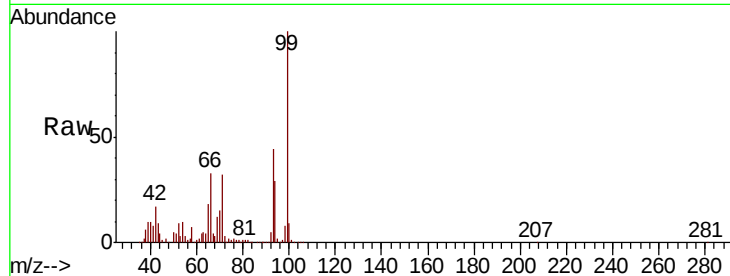
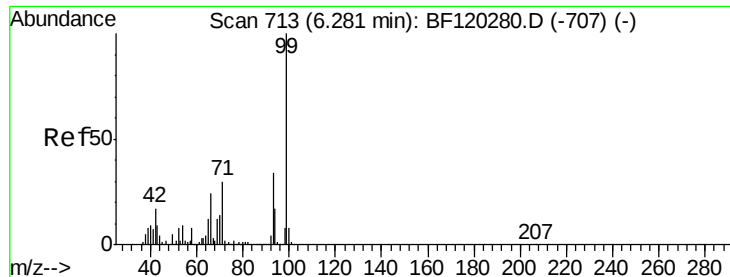
Delta R.T. 0.01 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

Tgt Ion:	93	Resp:	2091520
Ion	Ratio	Lower	Upper
93	100		
66	74.7	56.2	84.4
65	44.3	34.2	51.2





#7

Phenol-d6

Concen: 120.633 ng

RT: 6.29 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

Tot Ion: 99 Resp: 3234404

Ion Ratio Lower Upper

99 100

42 17.0 13.6 20.4

71 31.8 24.2 36.4

Instrument :

BNA_F

ClientSampleId :

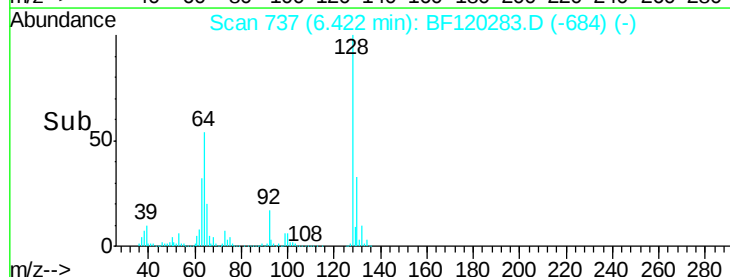
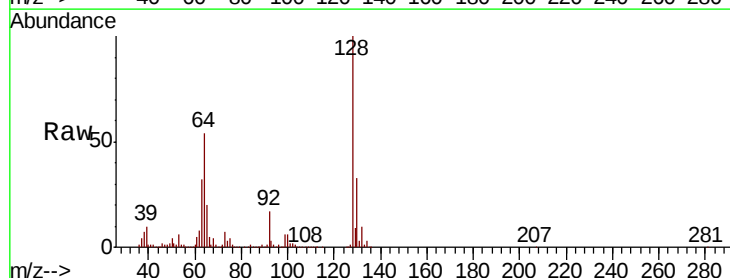
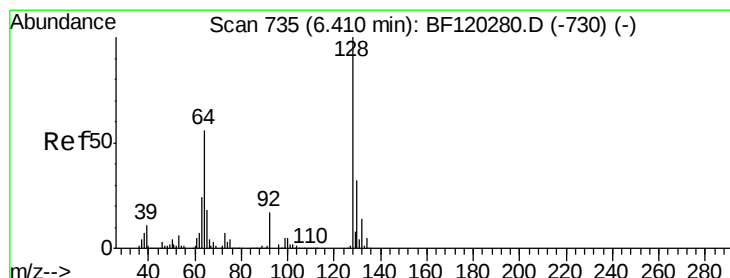
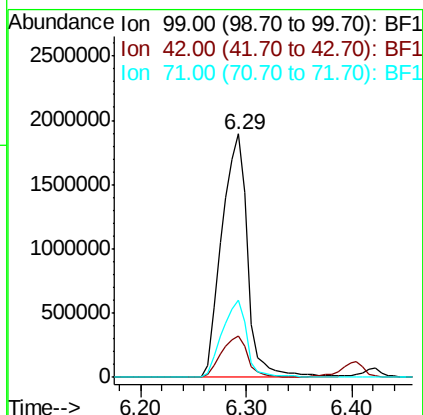
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#8

2-Chlorophenol

Concen: 62.377 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

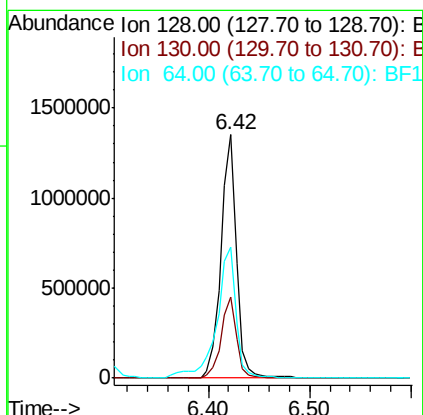
Tgt Ion: 128 Resp: 1437755

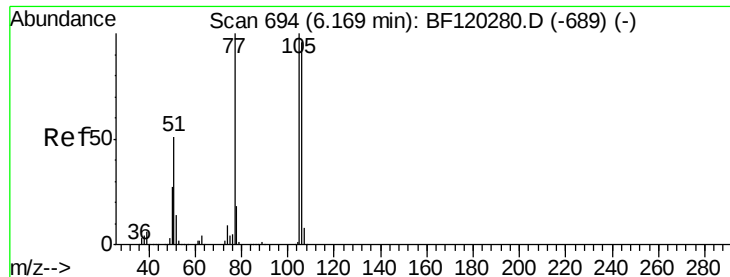
Ion Ratio Lower Upper

128 100

130 33.1 12.4 52.4

64 53.9 36.7 76.7





#9

Benzaldehyde

Concen: 72.003 ng

RT: 6.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

Instrument :

BNA_F

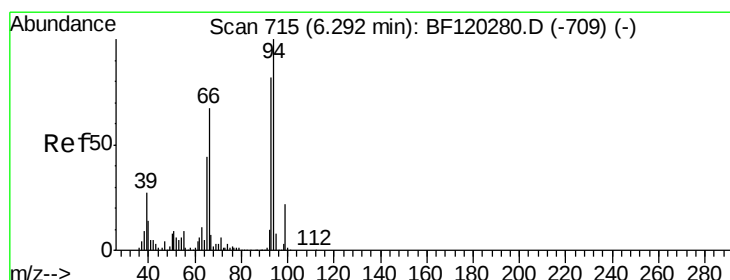
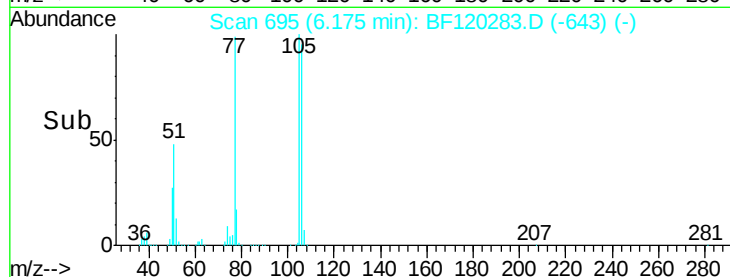
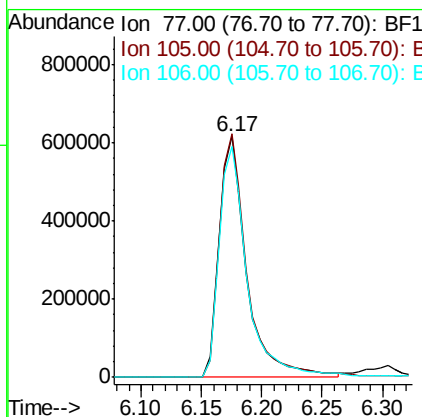
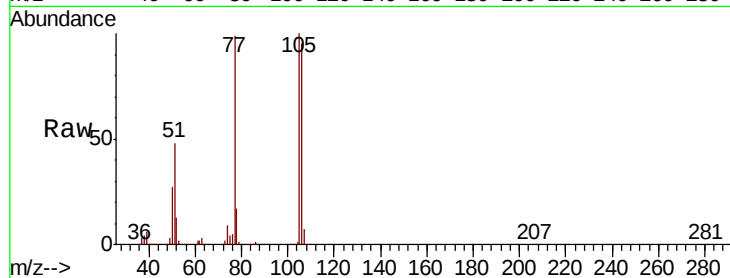
ClientSampleId :

SSTDICC080

Tot Ion:	77	Resp:	968875
Ion	Ratio	Lower	Upper
77	100		
105	101.2	79.9	119.9
106	96.0	75.7	115.7

Manual Integrations
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#10

Phenol

Concen: 65.148 ng

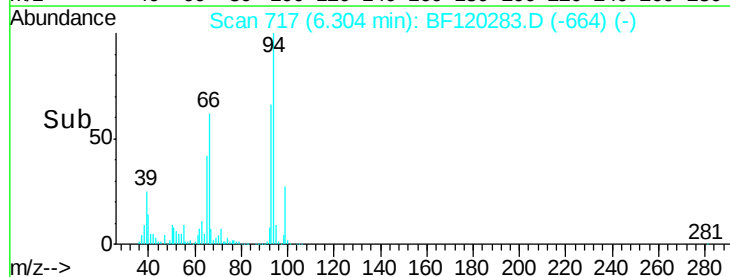
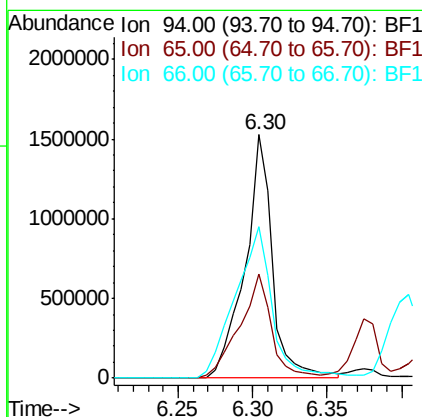
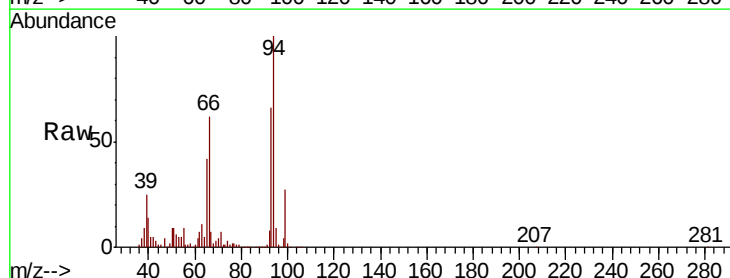
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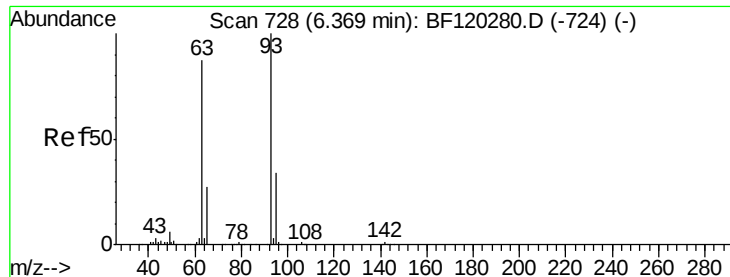
Delta R.T. 0.01 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

Tgt Ion:	94	Resp:	1941427
Ion	Ratio	Lower	Upper
94	100		
65	42.5	24.1	64.1
66	62.3	47.5	87.5





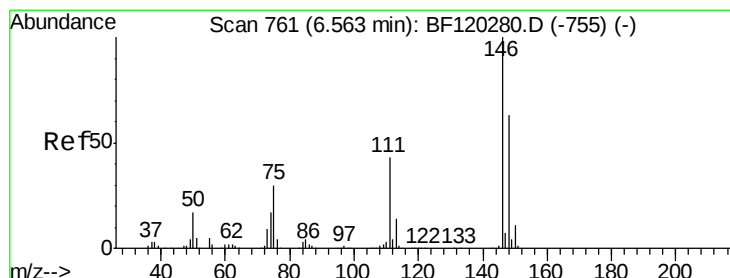
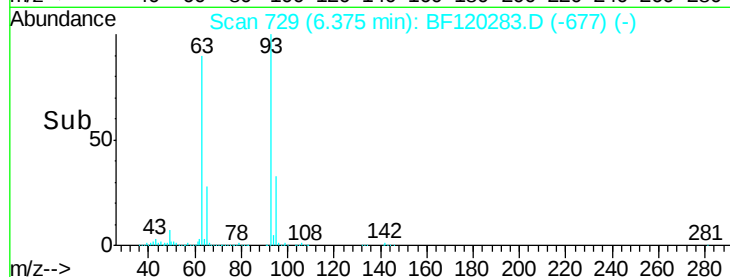
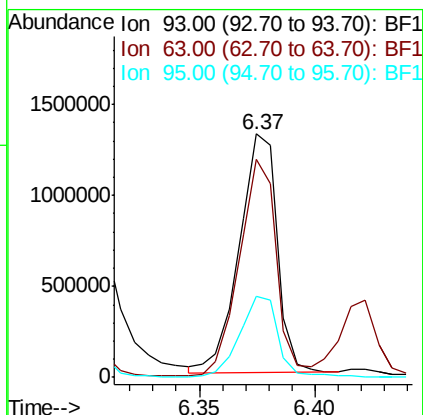
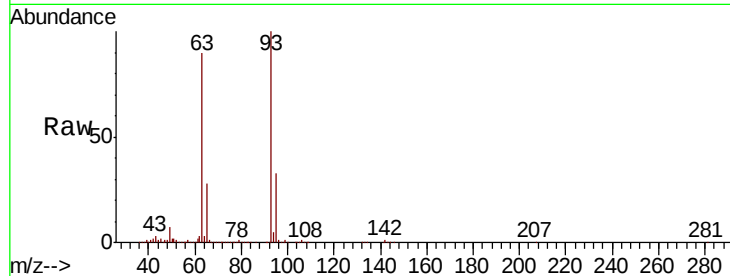
#11
bis(2-Chloroethyl)ether
Concen: 62.667 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF120283.D
Acq: 14 May 2020 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion: 93 Resp: 1513465
Ion Ratio Lower Upper
93 100
63 89.8 65.4 105.4
95 33.2 12.9 52.9

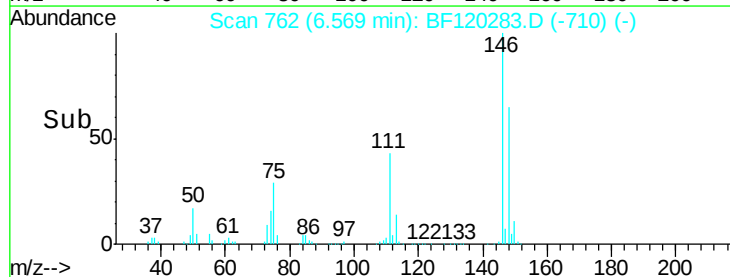
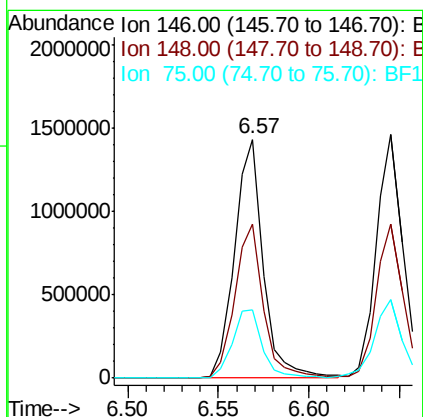
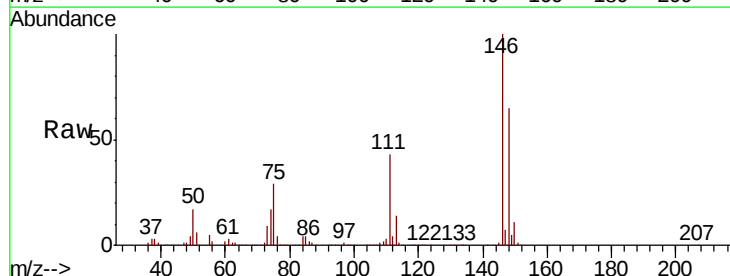
Manual Integrations
APPROVED

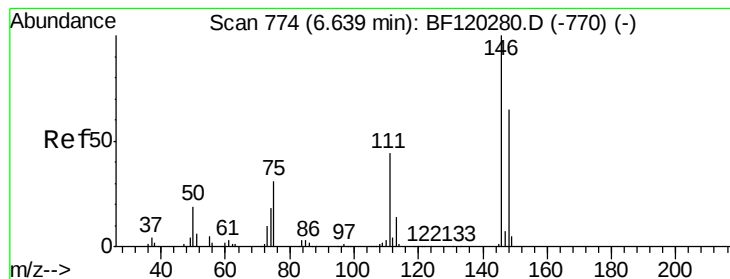
mohammad
5/18/2020 1:31:44 PM



#12
1,3-Dichlorobenzene
Concen: 65.158 ng
RT: 6.57 min Scan# 762
Delta R.T. 0.01 min
Lab File: BF120283.D
Acq: 14 May 2020 11:34

Tgt Ion: 146 Resp: 1579764
Ion Ratio Lower Upper
146 100
148 64.8 50.5 75.7
75 28.8 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 64.488 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:146 Resp: 1649646

Ion Ratio Lower Upper

146 100

148 63.3 51.6 77.4

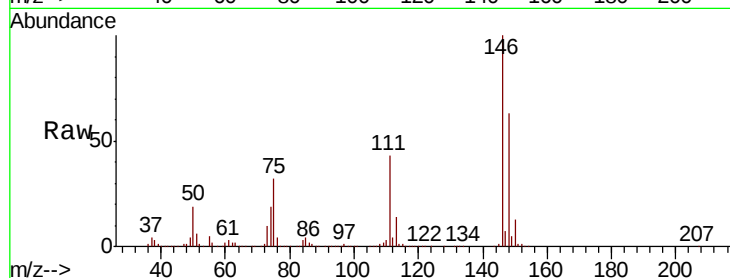
111 43.1 35.1 52.7

Manual Integrations

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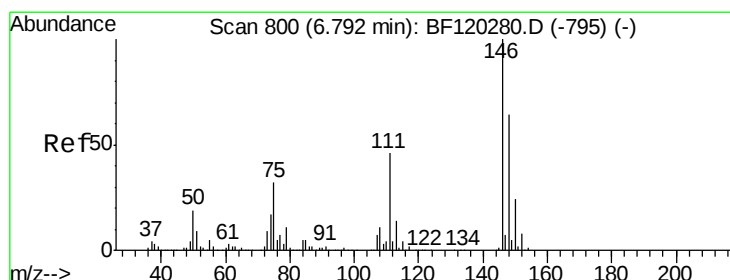
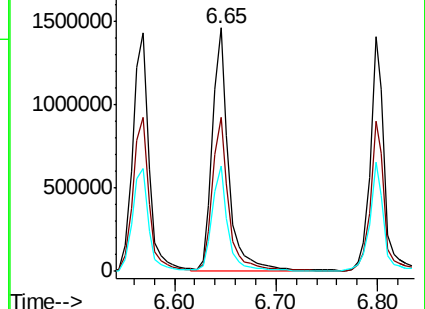
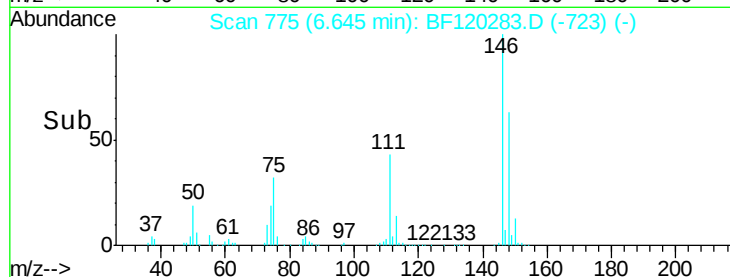
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Abundance Ion 146.00 (145.70 to 146.70): E

2000000 Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 60.353 ng

RT: 6.80 min Scan# 801

Delta R.T. 0.01 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

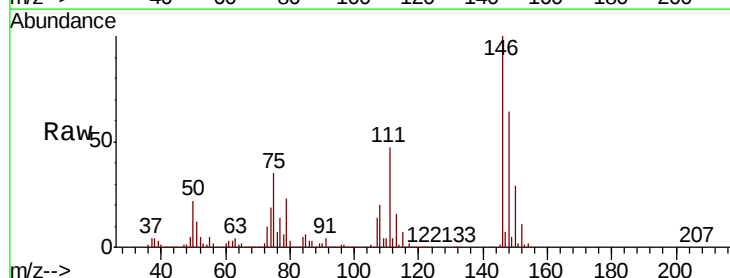
Tgt Ion:146 Resp: 1363407

Ion Ratio Lower Upper

146 100

148 64.1 51.1 76.7

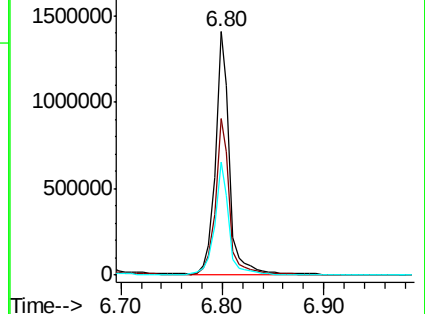
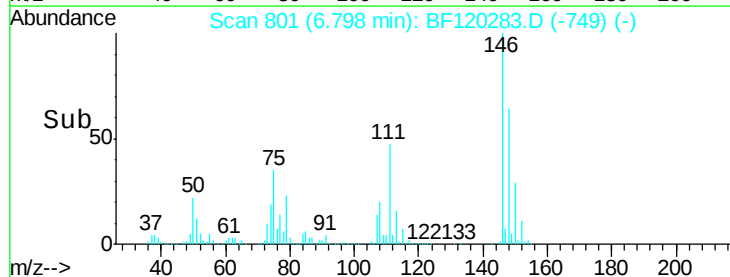
111 46.7 36.6 55.0

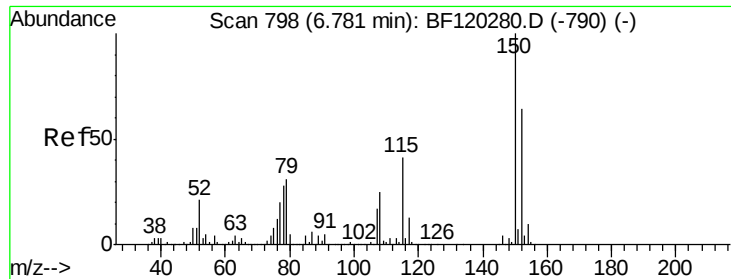


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 62.200 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.01 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

Instrument :

BNA_F

ClientSampleID :

SSTDIC080

Tot Ion: 79 Resp: 1099563

Ion Ratio Lower Upper

79 100

108 82.0 64.2 96.4

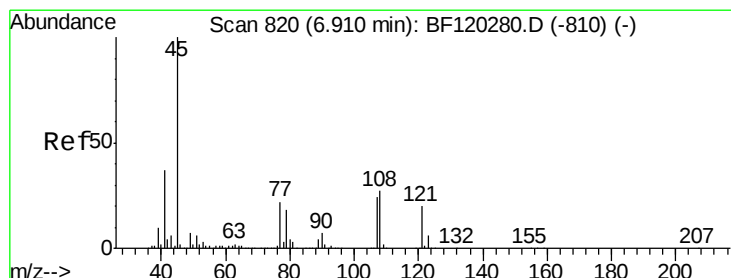
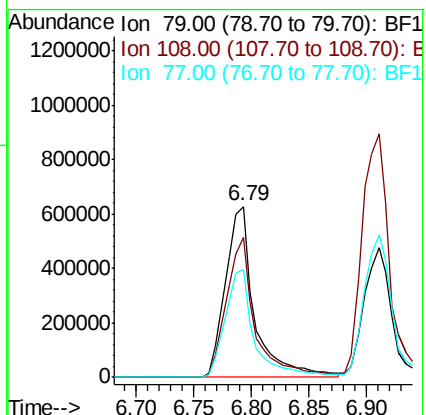
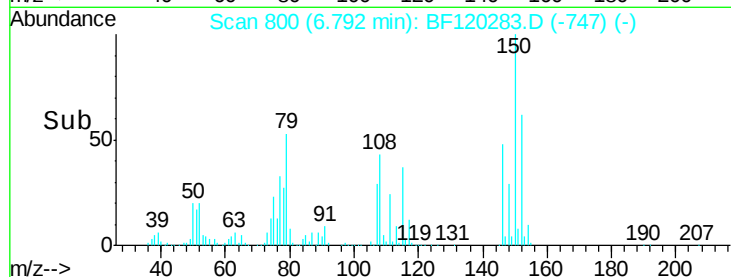
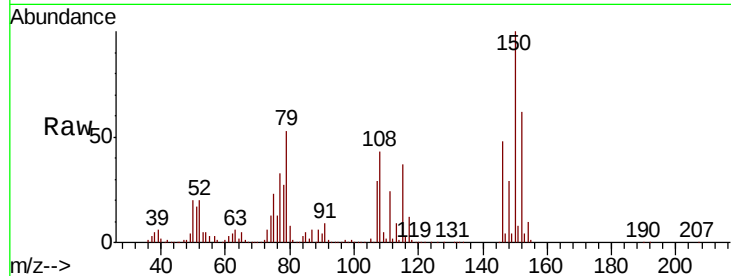
77 63.2 51.6 77.4

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 63.405 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.01 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

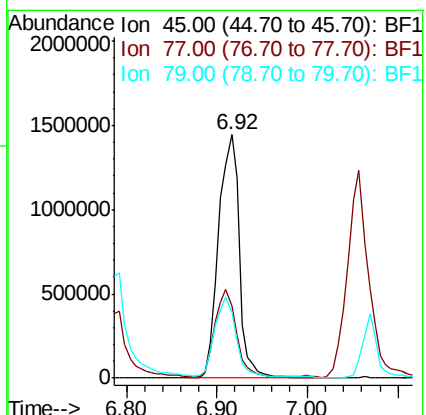
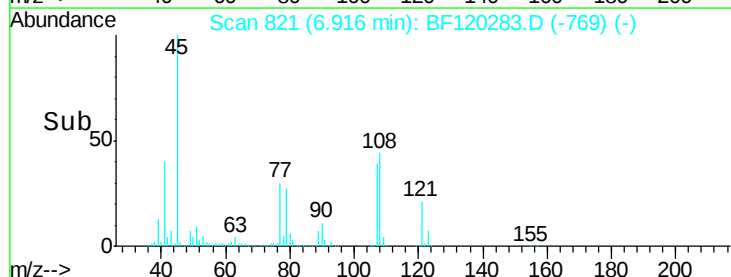
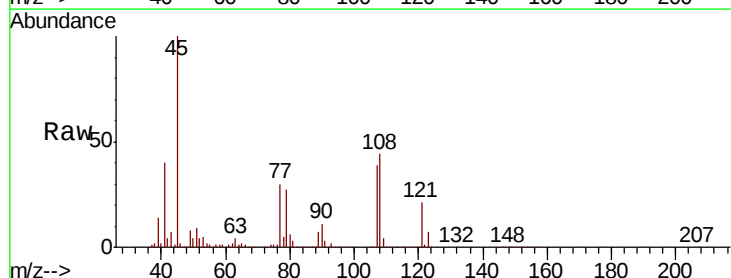
Tgt Ion: 45 Resp: 2275465

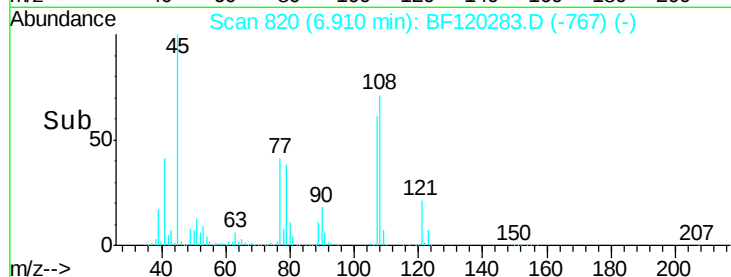
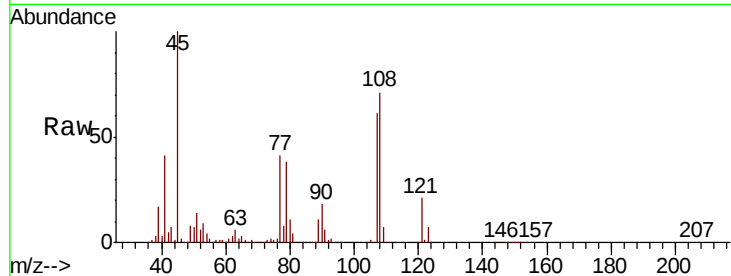
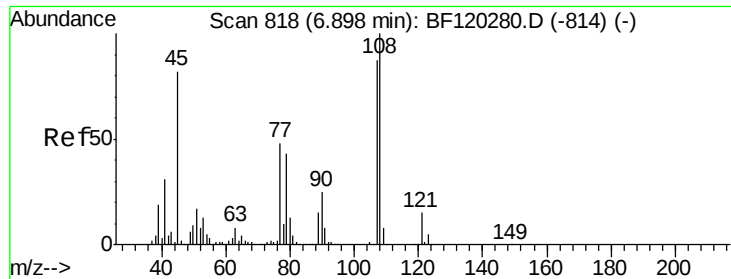
Ion Ratio Lower Upper

45 100

77 29.6 3.1 43.1

79 26.8 0.0 40.0





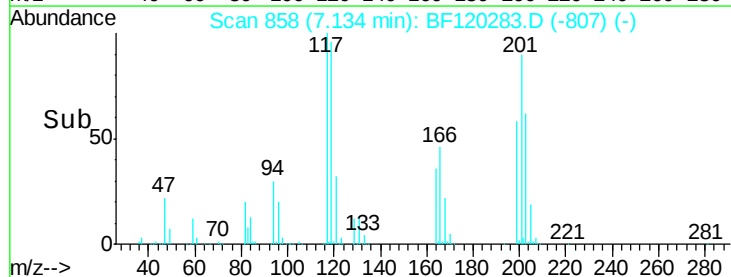
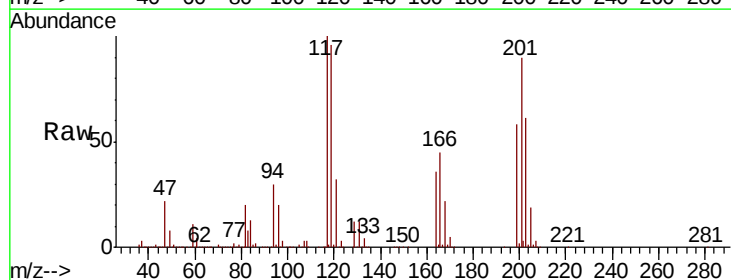
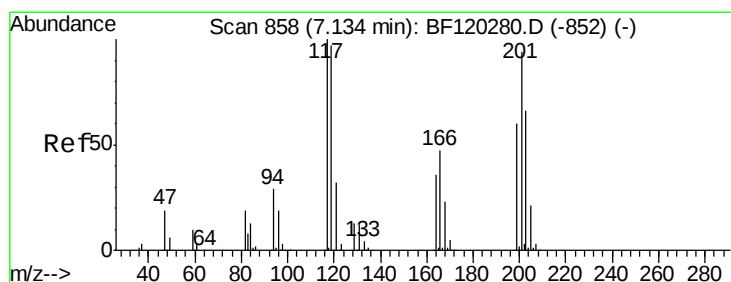
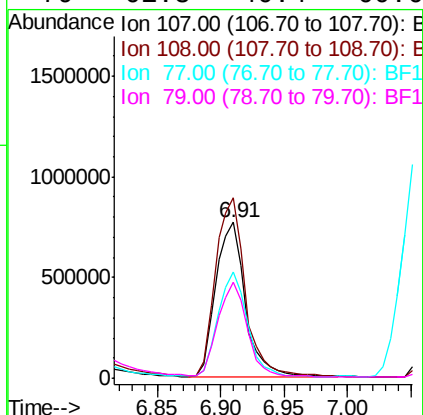
#17
2-Methylphenol
Concen: 64.303 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF120283.D
Acq: 14 May 2020 11:34

Tot Ion:107 Resp: 1250683
Ion Ratio Lower Upper
107 100
108 115.4 92.4 138.6
77 67.7 44.5 66.7#
79 61.8 40.4 60.6#

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

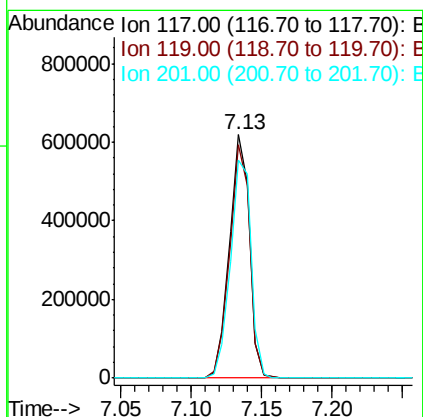
Manual Integrations
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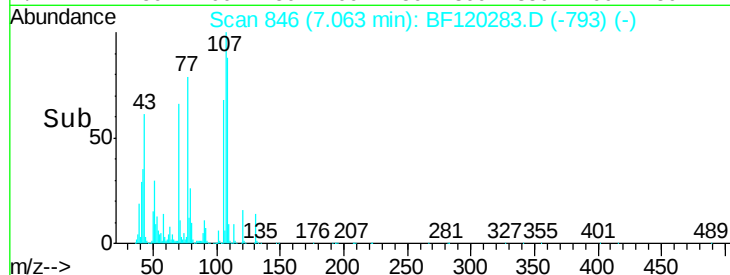
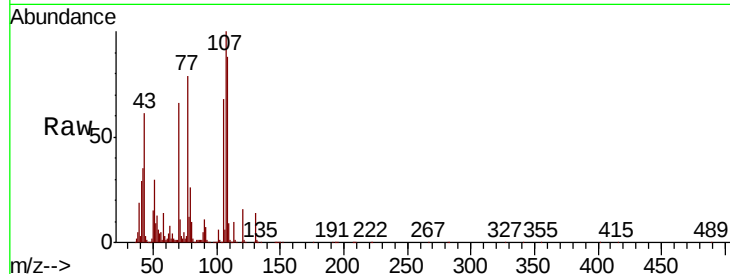
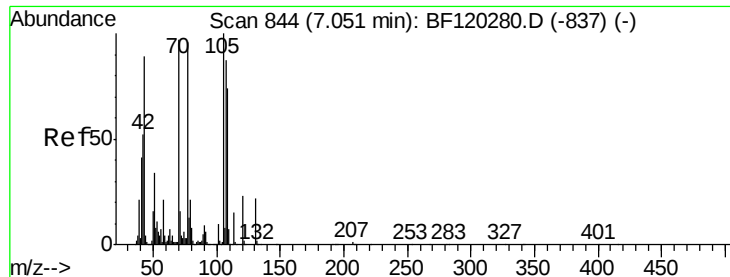
mohammad
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#18
Hexachloroethane
Concen: 67.593 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF120283.D
Acq: 14 May 2020 11:34

Tgt Ion:117 Resp: 610840
Ion Ratio Lower Upper
117 100
119 95.8 77.4 116.0
201 89.5 74.9 112.3





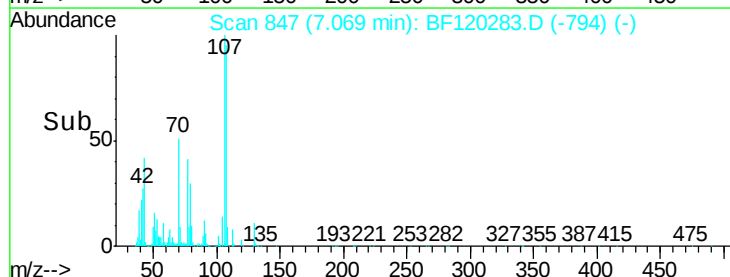
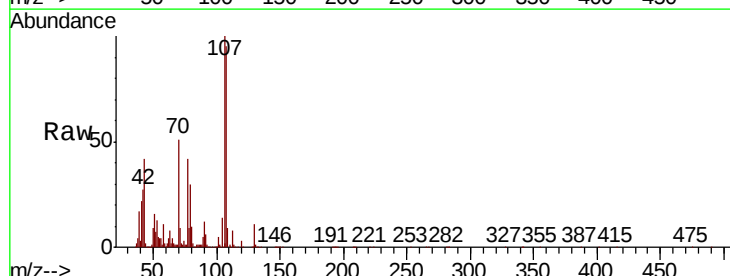
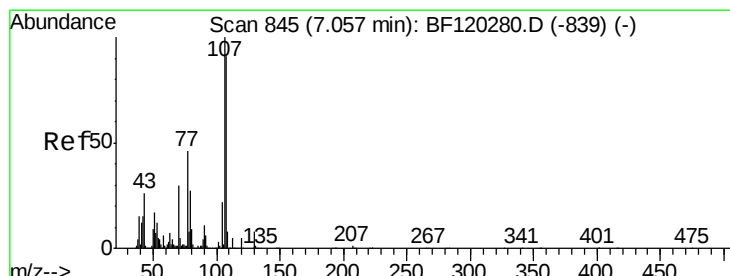
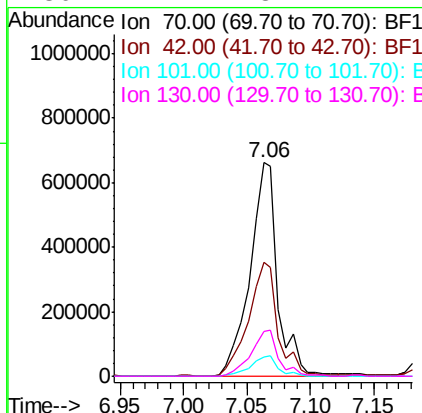
#19
n-Nitroso-di-n-propylamine
Concen: 63.068 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF120283.D
Acq: 14 May 2020 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.1	43.4	65.0	
101	9.1	7.8	11.8	
130	21.2	18.2	27.4	

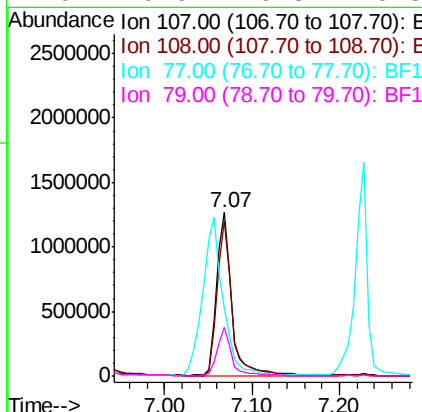
Manual Integrations
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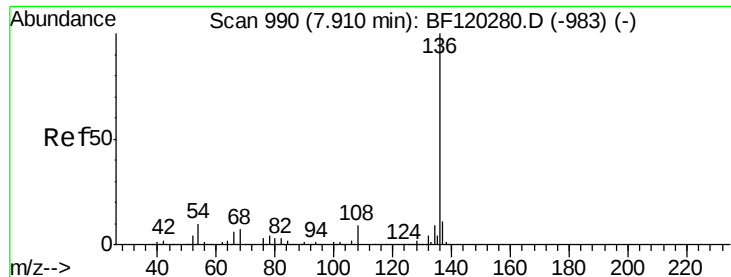
mohammad
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#20
3+4-Methylphenols
Concen: 61.333 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.01 min
Lab File: BF120283.D
Acq: 14 May 2020 11:34

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.6	71.1	111.1	
77	41.5	28.1	68.1	
79	29.9	6.8	46.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.01 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:136 Resp: 1463098

Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

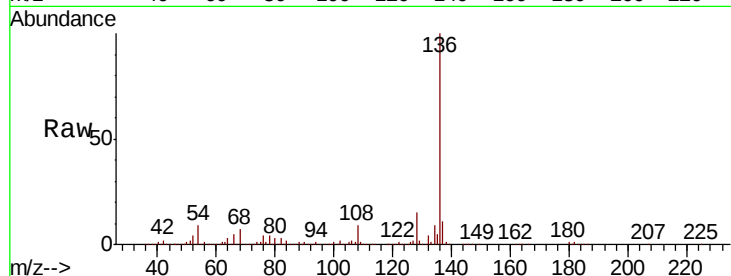
54 9.3 7.9 11.9

68 6.8 5.4 8.2

Manual Integrations
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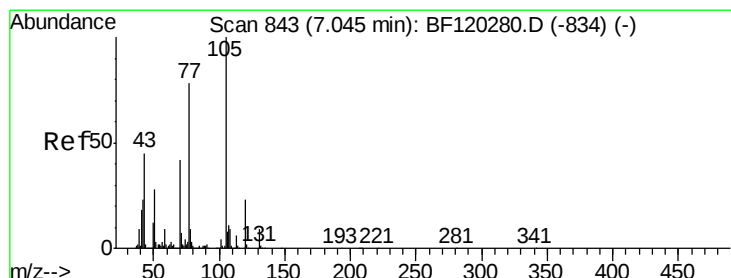
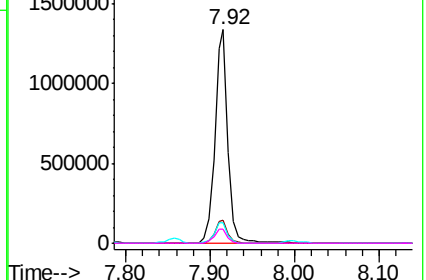
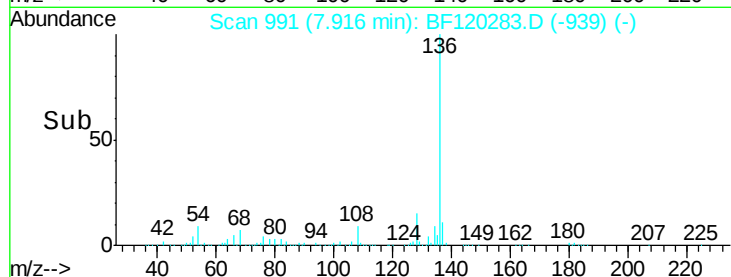


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 58.090 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.01 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

Tgt Ion:105 Resp: 2057511

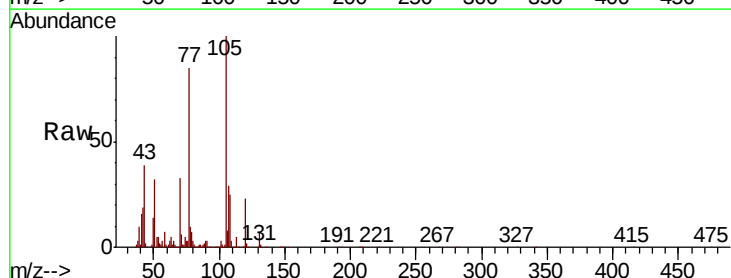
Ion Ratio Lower Upper

105 100

71 5.8 5.6 8.4

51 31.6 22.6 34.0

120 23.1 18.7 28.1

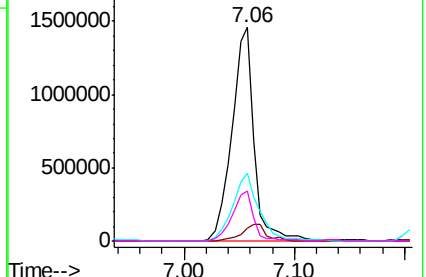
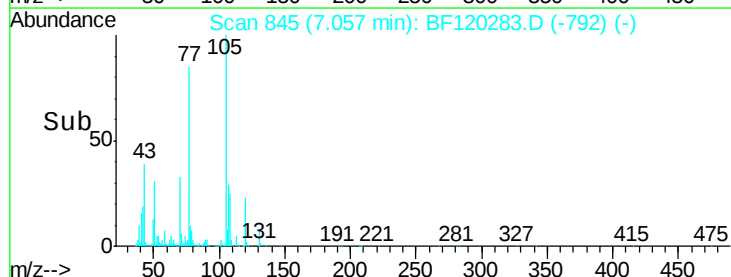


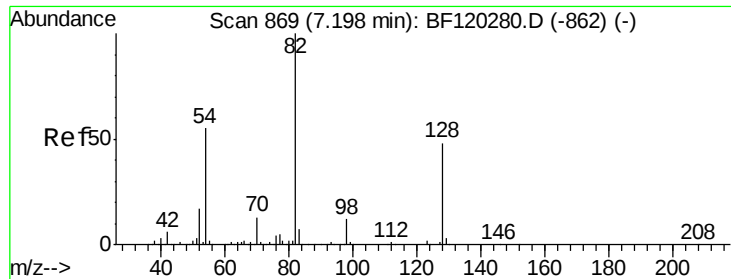
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





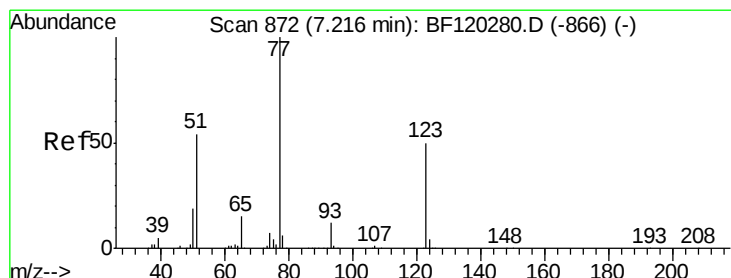
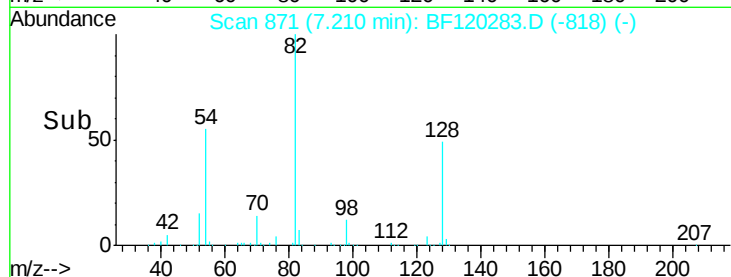
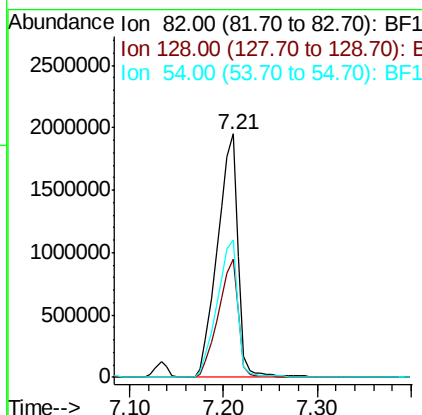
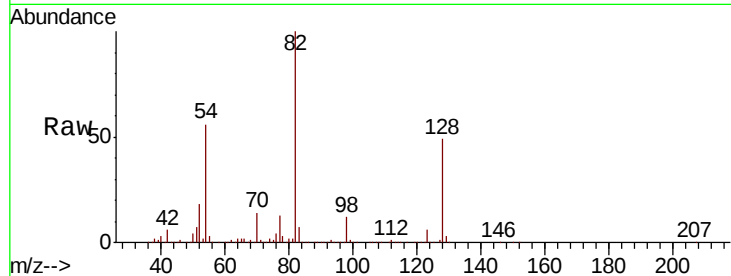
#23
Nitrobenzene-d5
Concen: 111.324 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.01 min
Lab File: BF120283.D
Acq: 14 May 2020 11:34

Instrument :
BNA_F
ClientSampled :
SSTDIC080

Tot Ion	82	Resp	3003833
Ion Ratio	100	Lower	Upper
82	100		
128	48.7	38.3	57.5
54	56.4	43.9	65.9

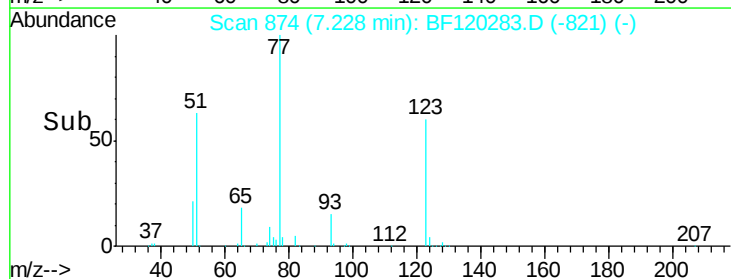
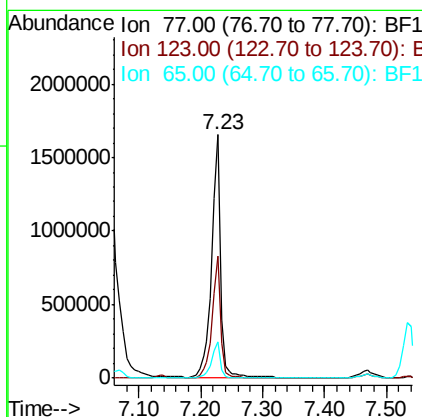
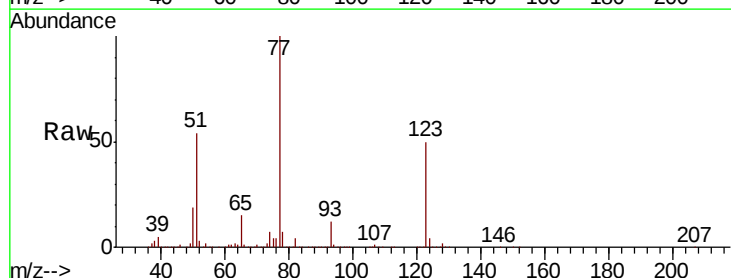
Manual Integrations
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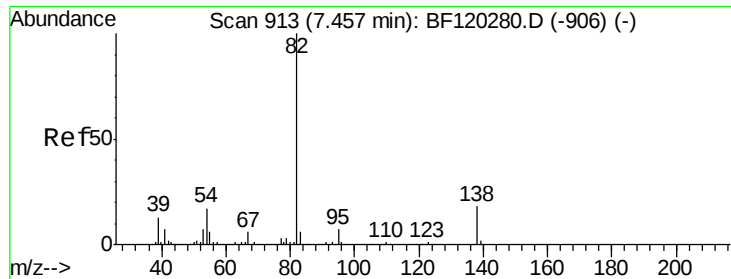
mohammad
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#24
Nitrobenzene
Concen: 59.181 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF120283.D
Acq: 14 May 2020 11:34

Tgt Ion	77	Resp	1629437
Ion Ratio	100	Lower	Upper
77	100		
123	50.3	40.0	60.0
65	15.0	11.7	17.5





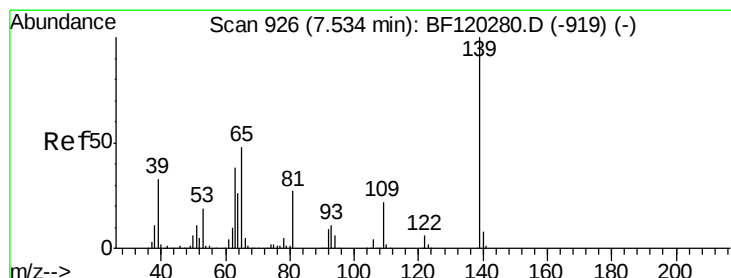
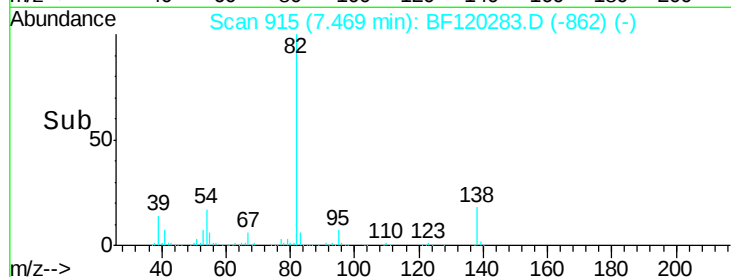
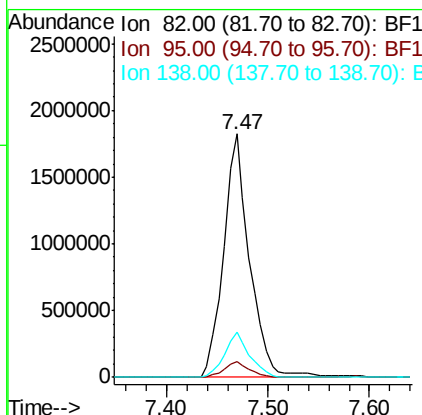
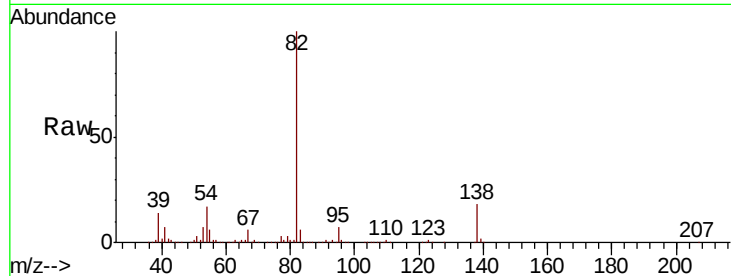
#25
Isophorone
Concen: 59.660 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.01 min
Lab File: BF120283.D
Acq: 14 May 2020 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion: 82 Resp: 3216808
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 18.3 14.7 22.1

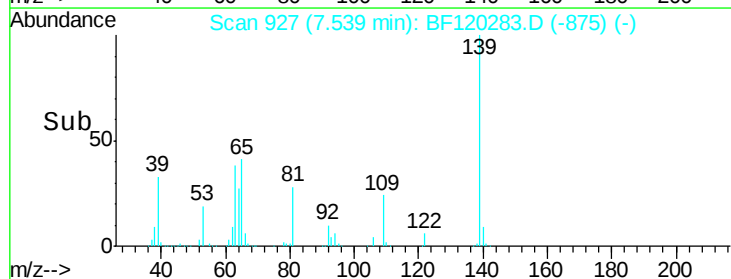
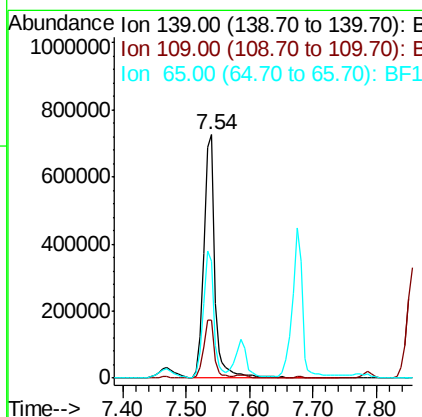
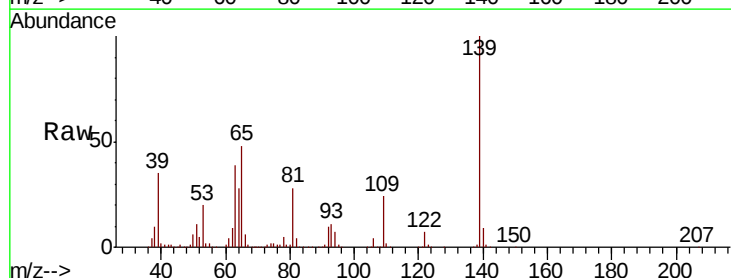
Manual Integrations
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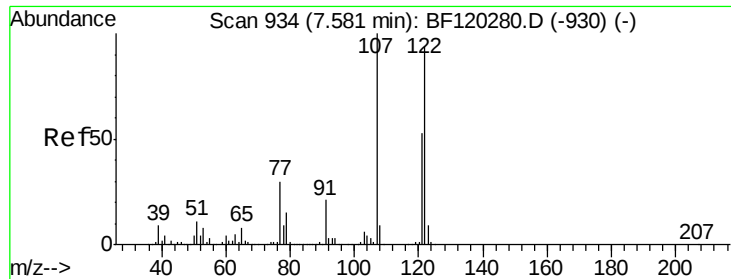
mohammad
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#26
2-Nitrophenol
Concen: 58.351 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BF120283.D
Acq: 14 May 2020 11:34

Tgt Ion: 139 Resp: 863185
Ion Ratio Lower Upper
139 100
109 24.0 17.7 26.5
65 48.2 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 56.704 ng

RT: 7.59 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

Instrument :

BNA_F

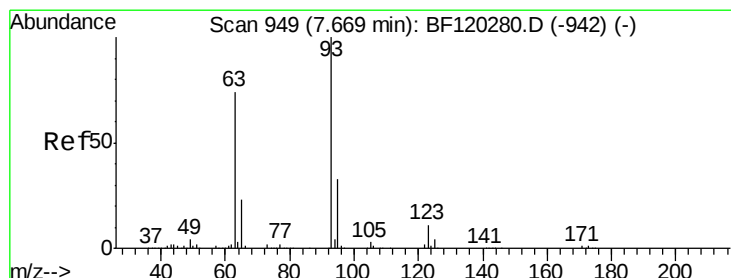
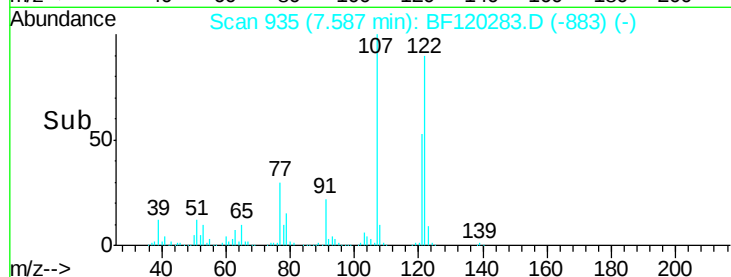
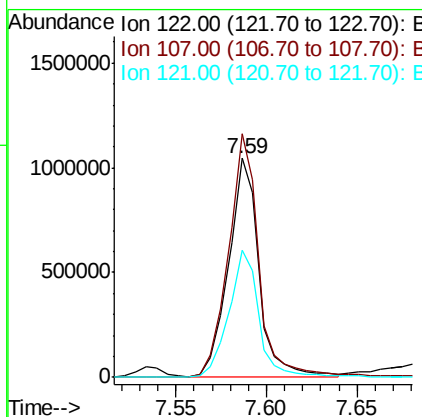
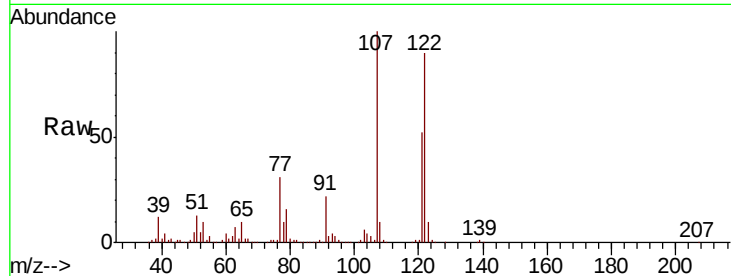
ClientSampleId :

SSTDIC080

Tot Ion:	122	Resp:	1219902
Ion	Ratio	Lower	Upper
122	100		
107	111.3	85.0	127.6
121	58.3	45.1	67.7

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#28

bis(2-Chloroethoxy)methane

Concen: 63.396 ng

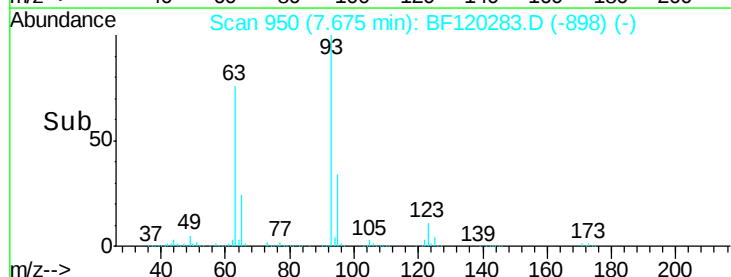
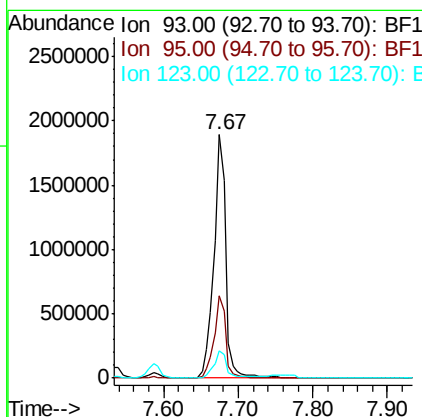
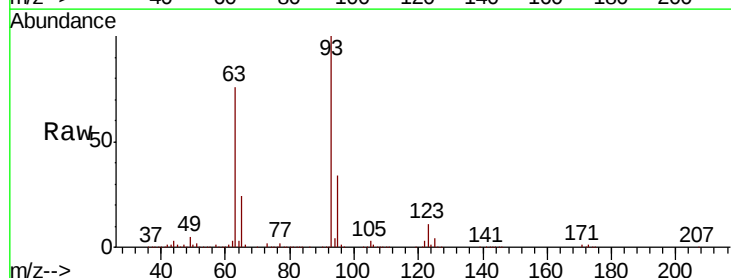
RT: 7.67 min Scan# 950

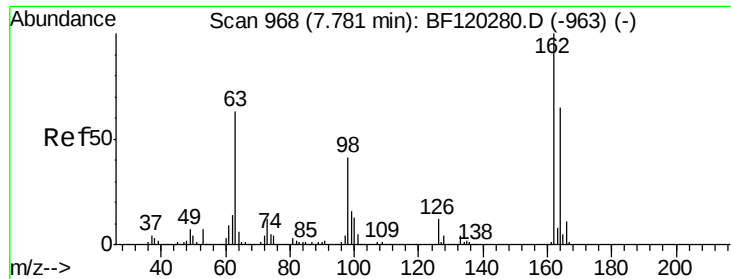
Delta R.T. 0.01 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

Tgt Ion:	93	Resp:	2081368
Ion	Ratio	Lower	Upper
93	100		
95	34.0	26.8	40.2
123	11.5	9.2	13.8





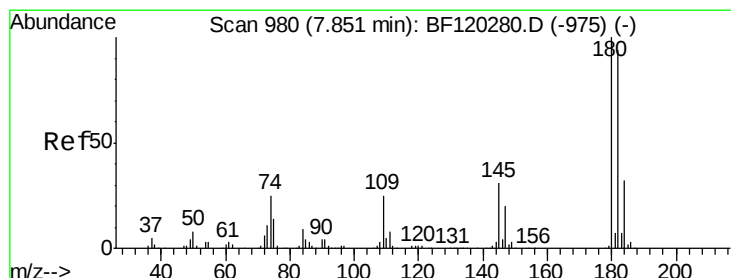
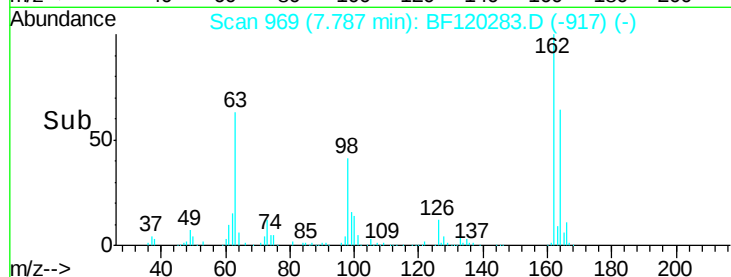
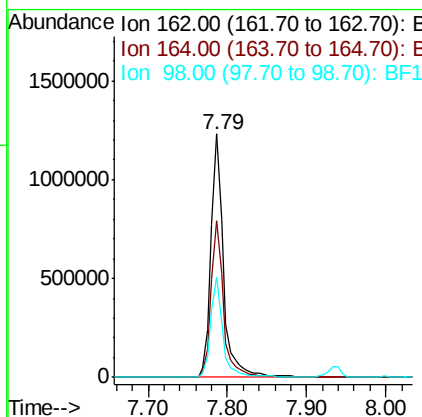
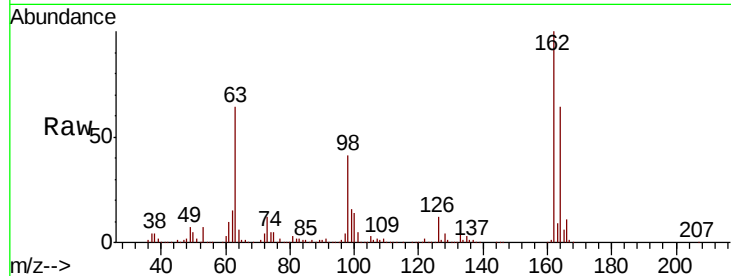
#29
2,4-Dichlorophenol
Concen: 63.211 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.01 min
Lab File: BF120283.D
Acq: 14 May 2020 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.9	84.9
98	41.3	20.7	60.7

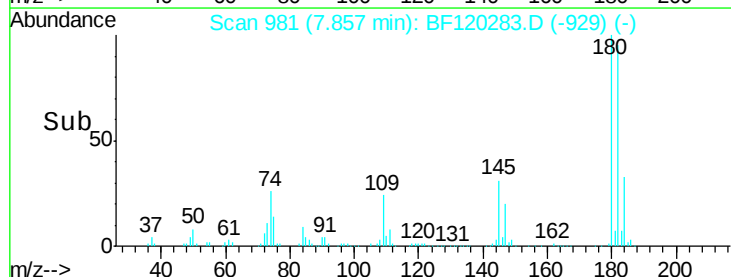
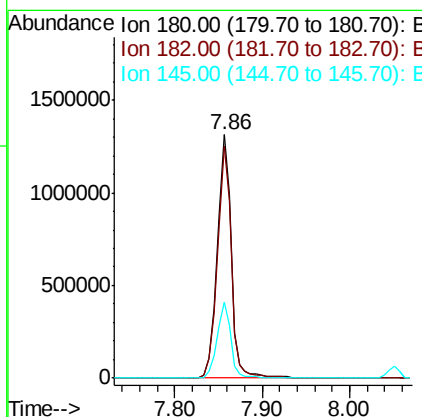
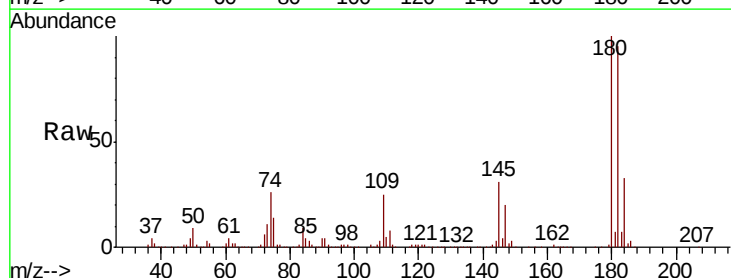
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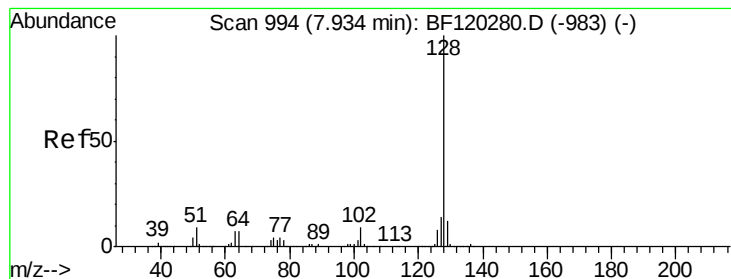
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 60.871 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.01 min
Lab File: BF120283.D
Acq: 14 May 2020 11:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.3	112.9
145	31.2	24.9	37.3





#31

Naphthalene

Concen: 59.260 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:128 Resp: 4369548

Ion Ratio Lower Upper

128 100

129 12.4 9.3 13.9

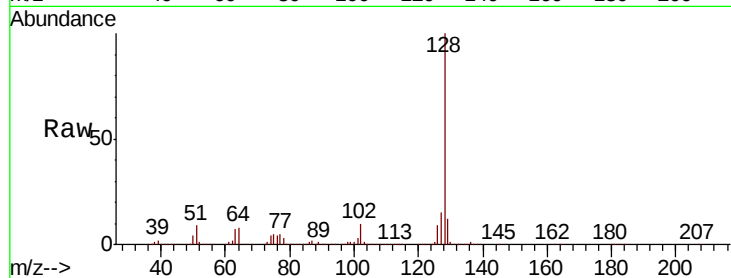
127 15.2 11.2 16.8

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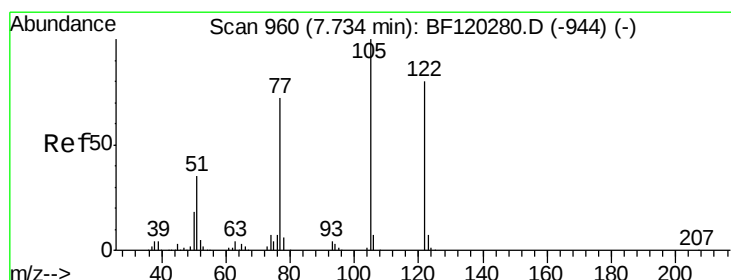
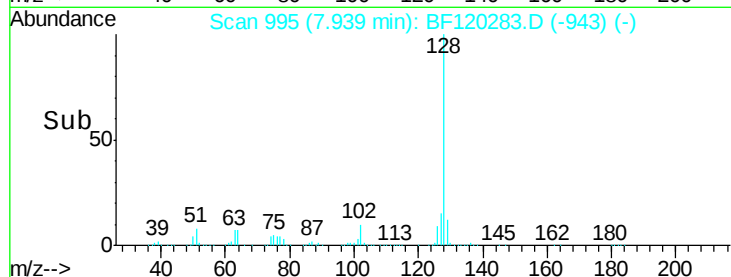
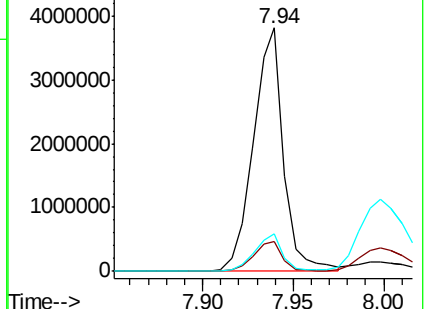
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 73.657 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.04 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

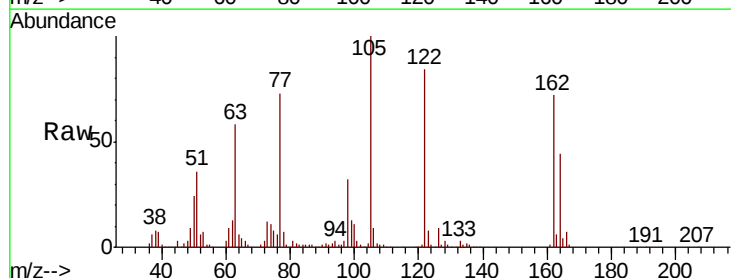
Tgt Ion:122 Resp: 1053110

Ion Ratio Lower Upper

122 100

105 118.7 98.1 138.1

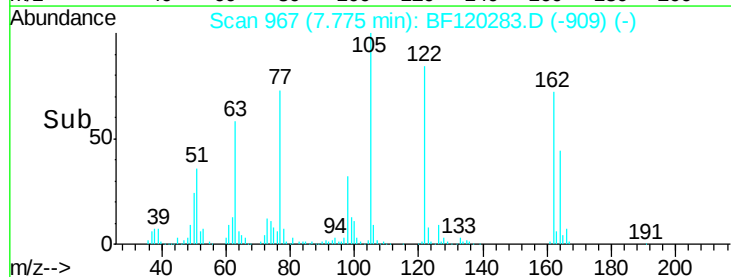
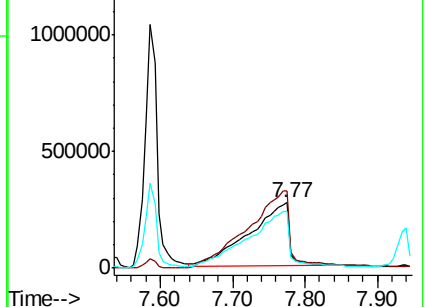
77 86.7 66.7 106.7

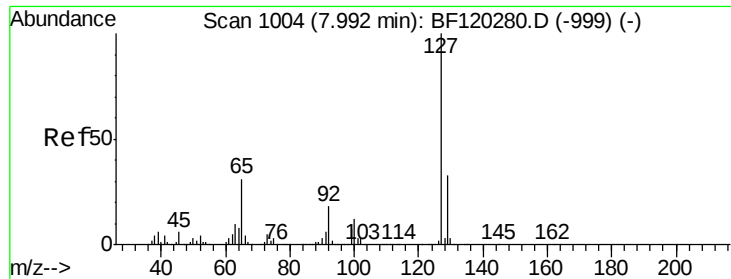


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





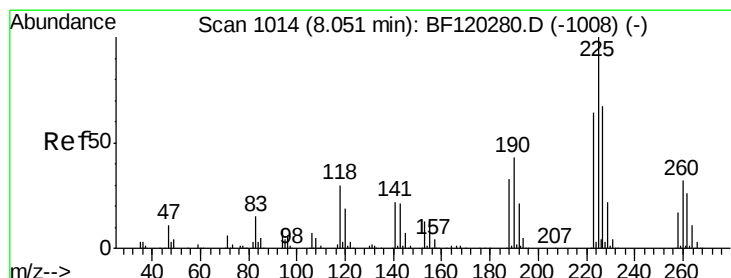
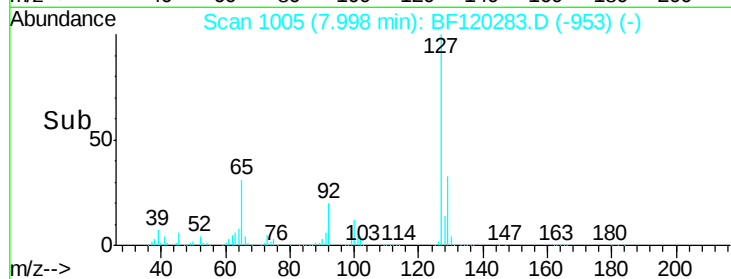
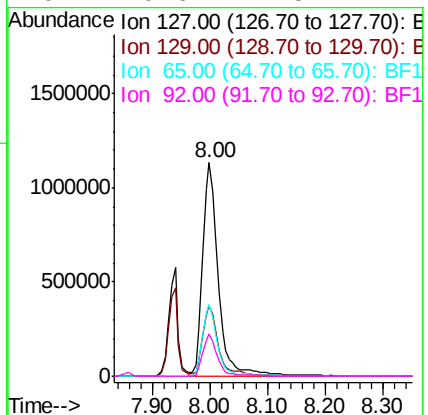
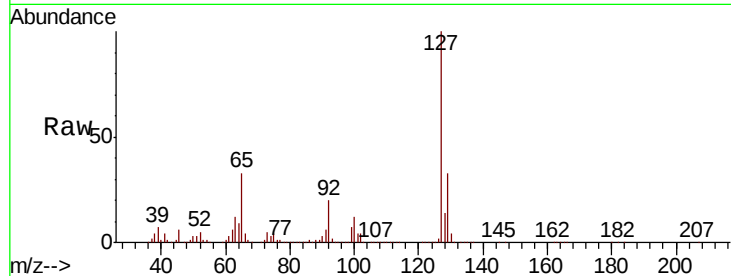
#33
4-Chloroaniline
Concen: 67.020 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF120283.D
Acq: 14 May 2020 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Lower	Upper
2173756	127	100		
	129	33.2	26.4	39.6
	65	33.3	24.8	37.2
	92	19.6	14.5	21.7

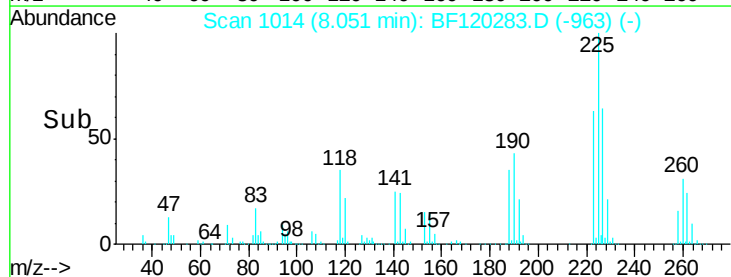
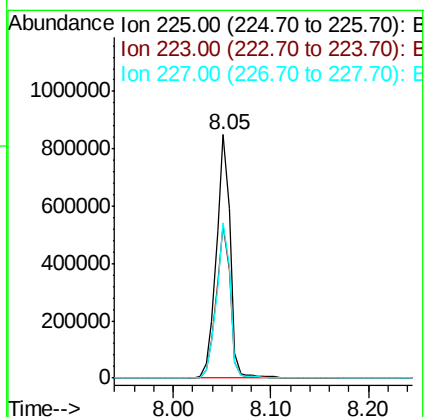
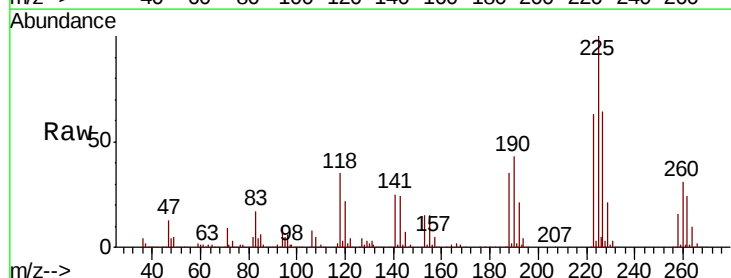
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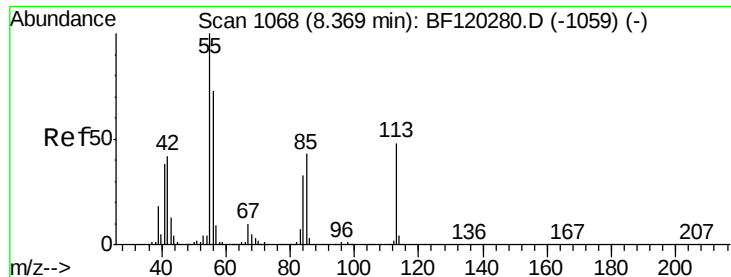
mohammad
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#34
Hexachlorobutadiene
Concen: 60.063 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF120283.D
Acq: 14 May 2020 11:34

Tgt Ion	Ion	Ratio	Lower	Upper
835914	225	100		
	223	62.8	51.4	77.0
	227	63.8	54.0	81.0





#35

Caprolactam

Concen: 70.236 ng/mL

RT: 8.40 min Scan# 1074

Delta R.T. 0.04 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

Instrument :

BNA_F

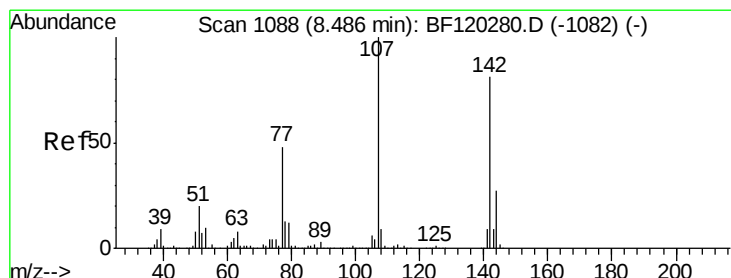
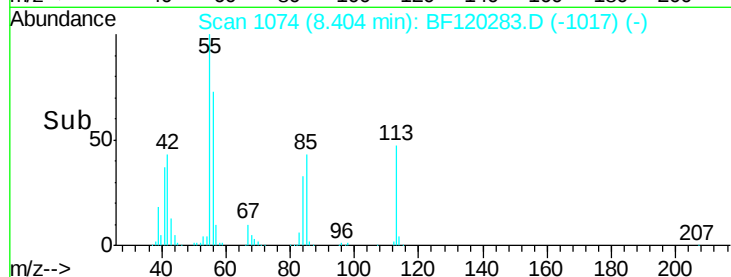
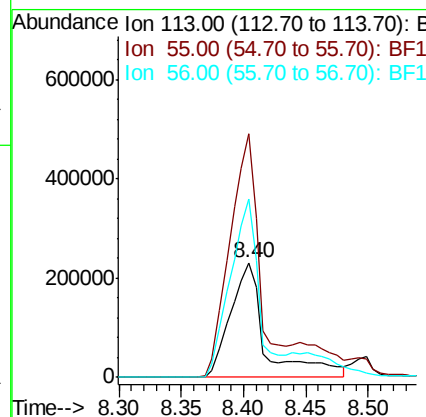
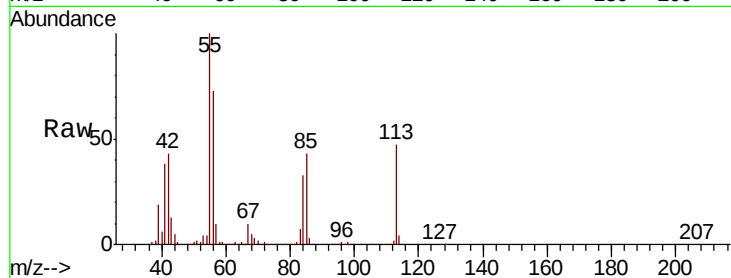
ClientSampleId :

SSTDIC080

Tot Ion:	113	Resp:	459350
Ion Ratio	Lower	Upper	
113	100		
55	211.8	190.4	230.4
56	155.4	132.7	172.7

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#36

4-Chloro-3-methylphenol

Concen: 62.405 ng/mL

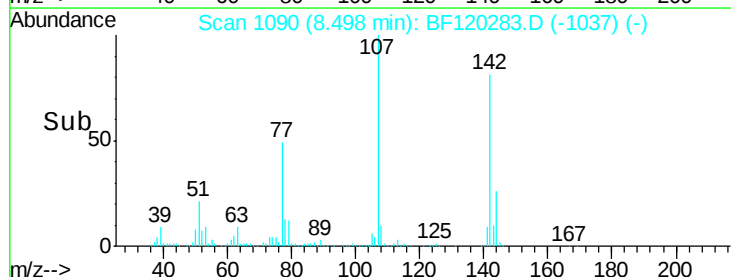
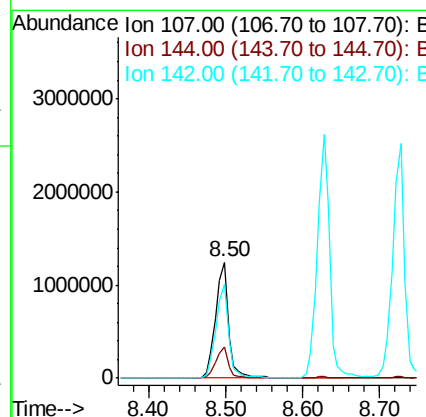
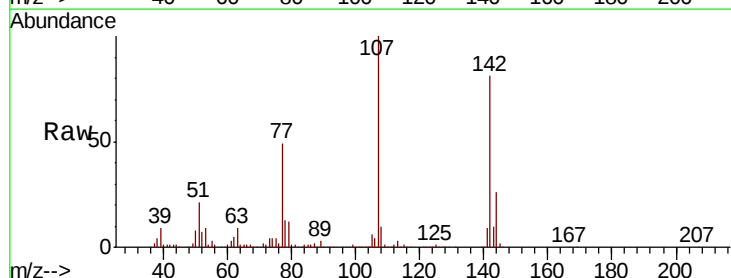
RT: 8.50 min Scan# 1090

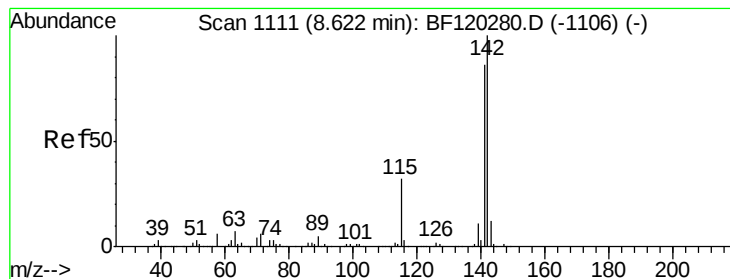
Delta R.T. 0.01 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

Tgt Ion:	107	Resp:	1444336
Ion Ratio	Lower	Upper	
107	100		
144	26.4	21.4	32.2
142	80.8	65.1	97.7





#37

2-Methylnaphthalene

Concen: 58.485 ng

RT: 8.63 min Scan# 1112

Delta R.T. 0.01 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:142 Resp: 2946935

Ion Ratio Lower Upper

142 100

141 88.5 68.8 103.2

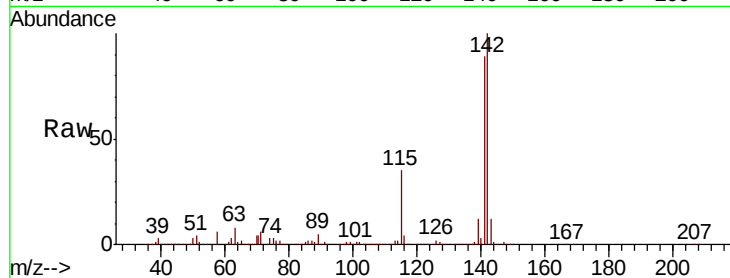
115 34.6 25.7 38.5

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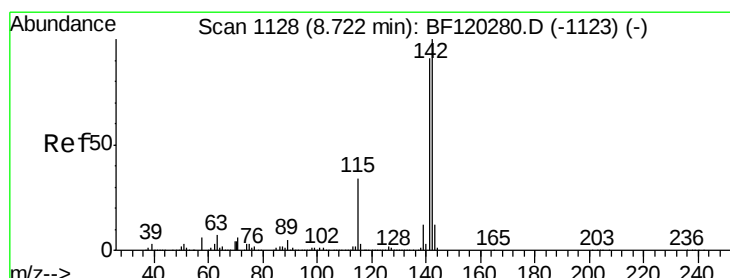
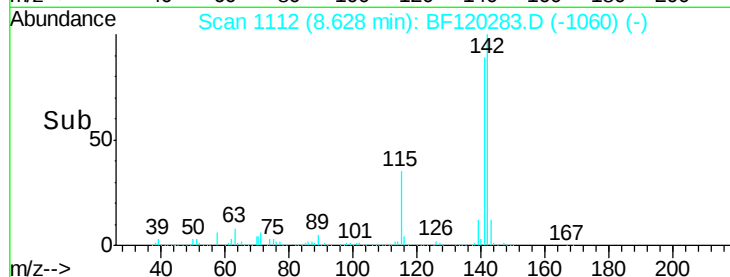
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.63

Time-->



#38

1-Methylnaphthalene

Concen: 57.157 ng

RT: 8.73 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

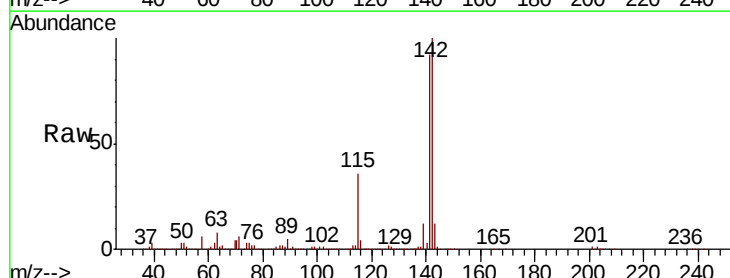
Tgt Ion:142 Resp: 2806882

Ion Ratio Lower Upper

142 100

141 92.0 73.0 109.6

116 3.6 2.7 4.1



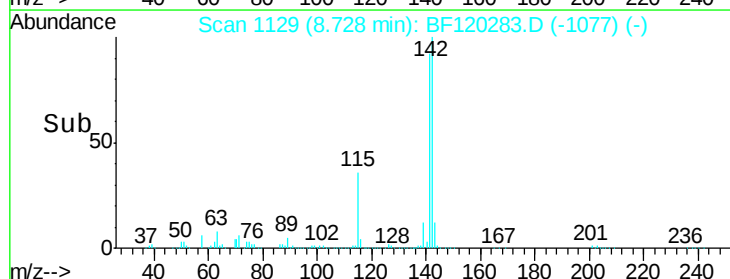
Abundance Ion 142.00 (141.70 to 142.70): E

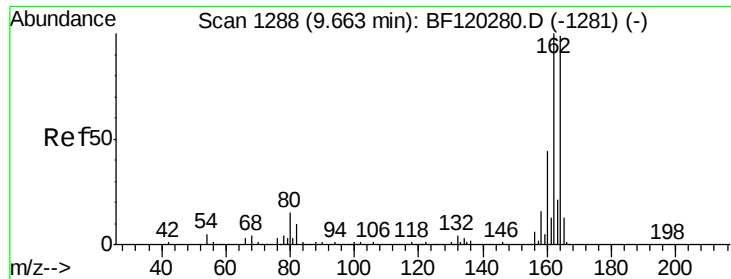
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

8.73

Time-->





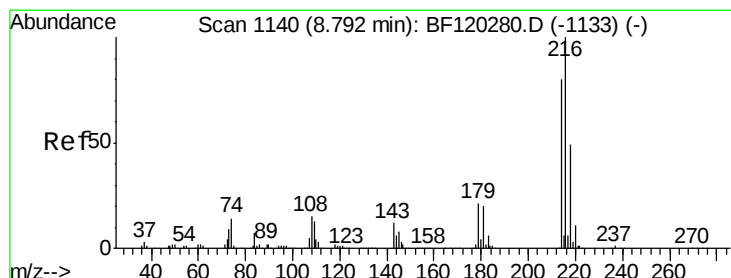
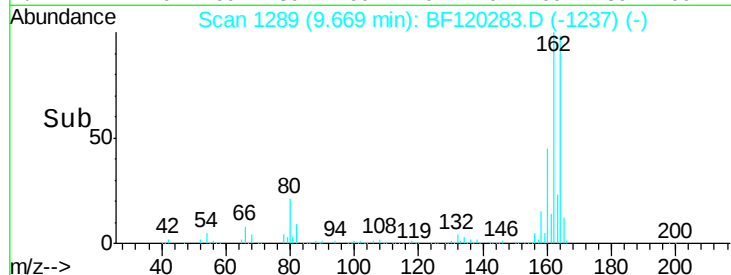
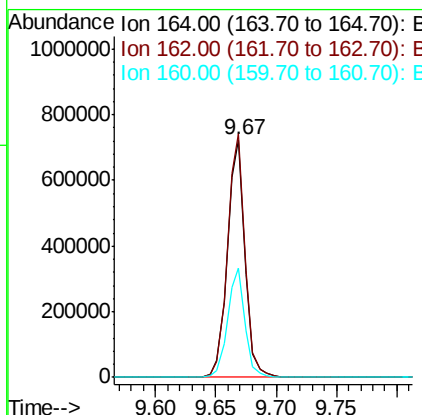
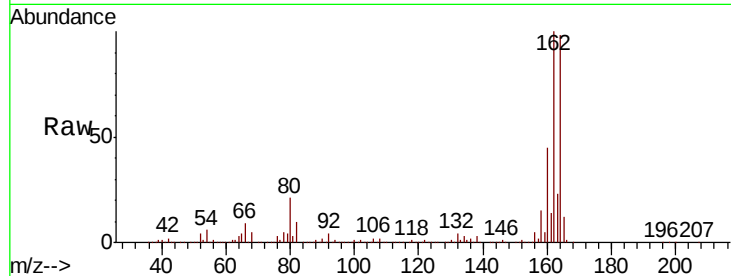
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. 0.01 min
 Lab File: BF120283.D
 Acq: 14 May 2020 11:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.2	121.8
160	45.9	35.8	53.6

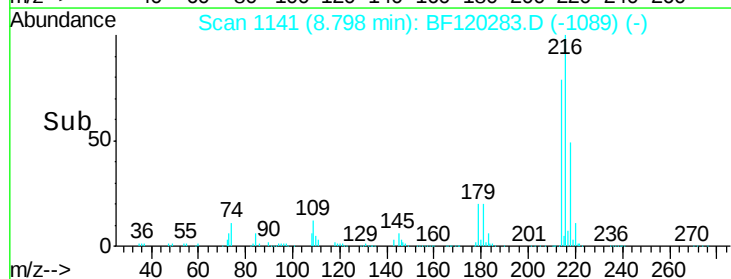
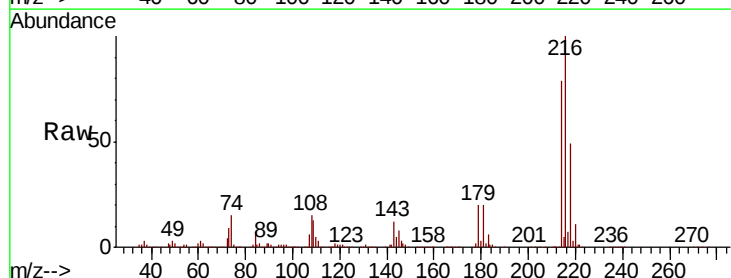
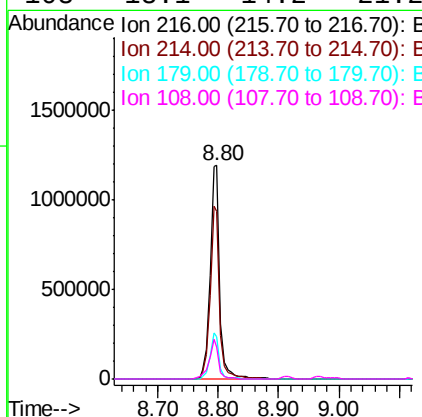
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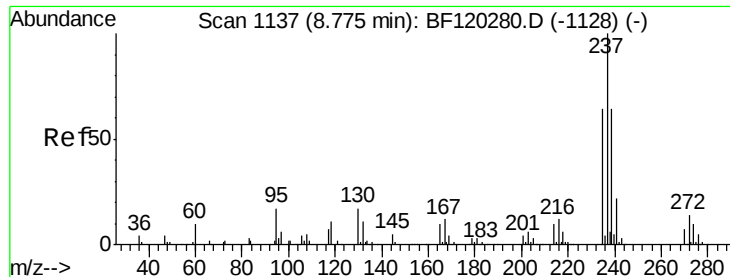
mohammad
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 61.171 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. 0.01 min
 Lab File: BF120283.D
 Acq: 14 May 2020 11:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	64.0	96.0
179	21.1	16.9	25.3
108	18.1	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 79.635 ng

RT: 8.77 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

Instrument :

BNA_F

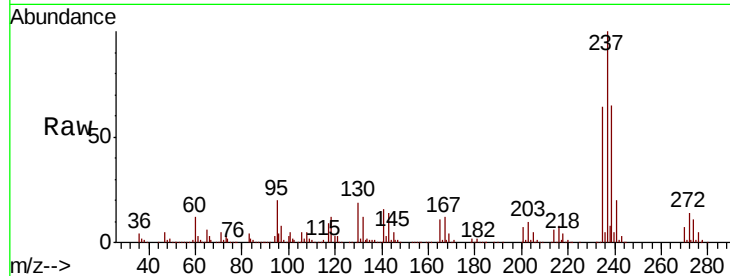
ClientSampleId :

SSTDICC080

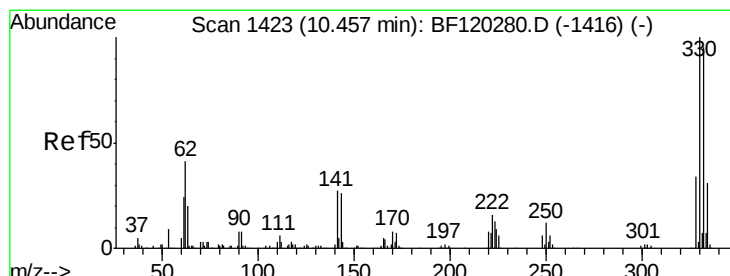
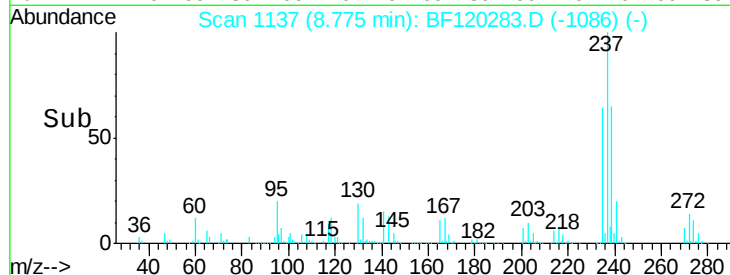
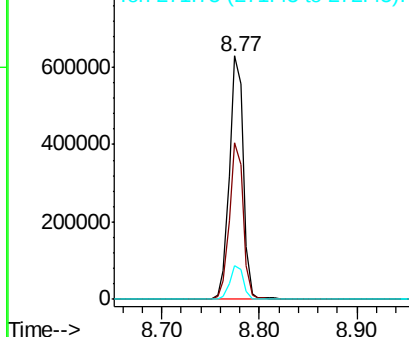
Tot Ion:	237	Resp:	625633
Ion Ratio	Lower	Upper	
237	100		
235	64.2	43.8	83.8
272	13.6	0.0	33.9

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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: 107.316 ng

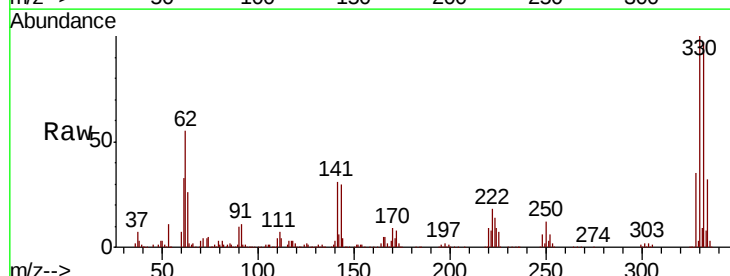
RT: 10.46 min Scan# 1424

Delta R.T. 0.01 min

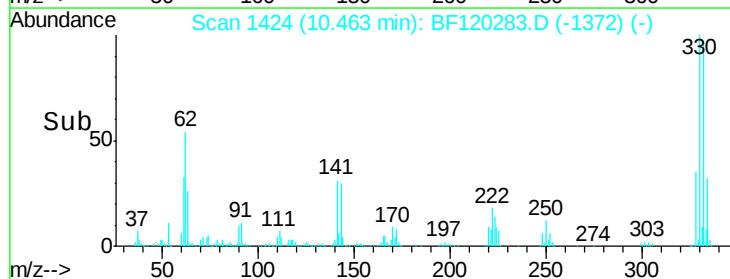
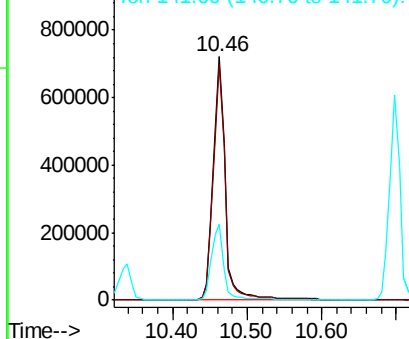
Lab File: BF120283.D

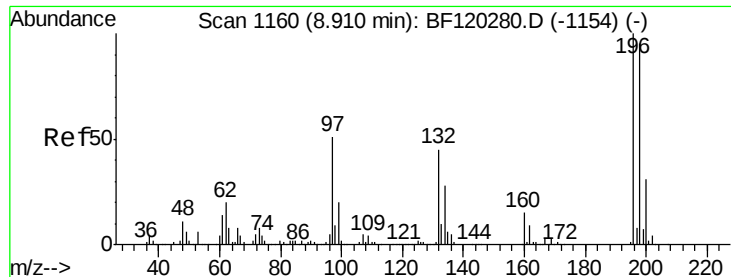
Acq: 14 May 2020 11:34

Tgt Ion:	330	Resp:	817598
Ion Ratio	Lower	Upper	
330	100		
332	96.1	76.5	114.7
141	31.2	25.4	38.0



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





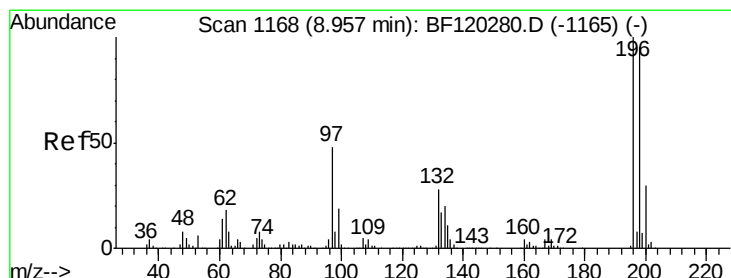
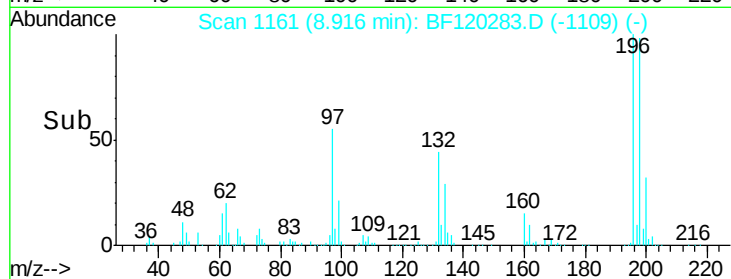
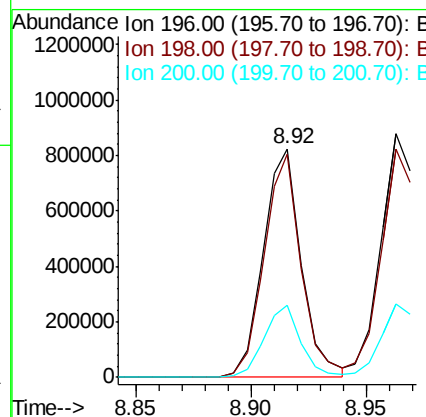
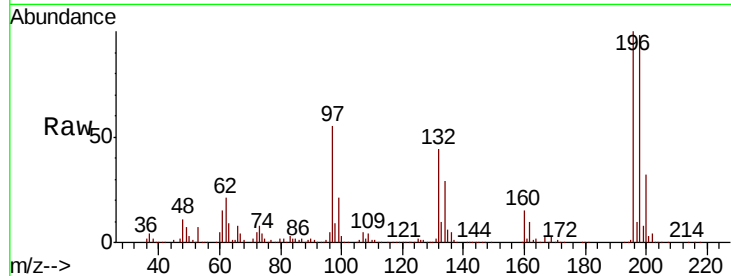
#43
2,4,6-Trichlorophenol
Concen: 66.775 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF120283.D
Acq: 14 May 2020 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
196	100	940455		
198	97.6	76.2	114.4	
200	31.5	24.9	37.3	

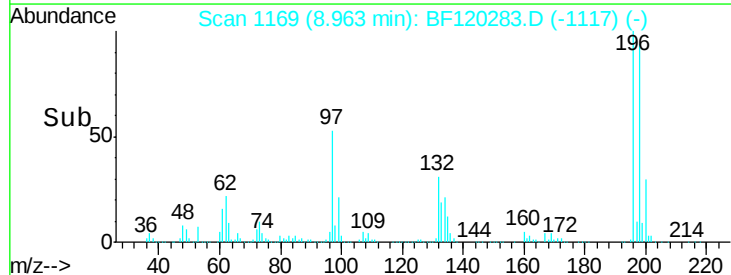
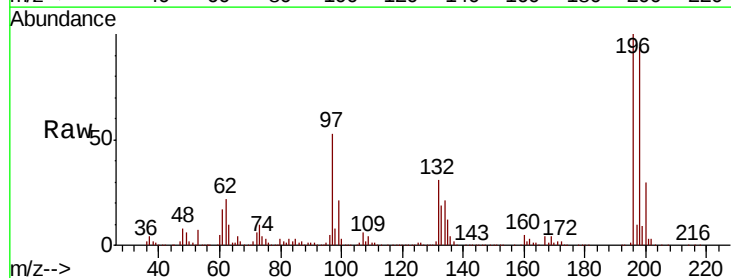
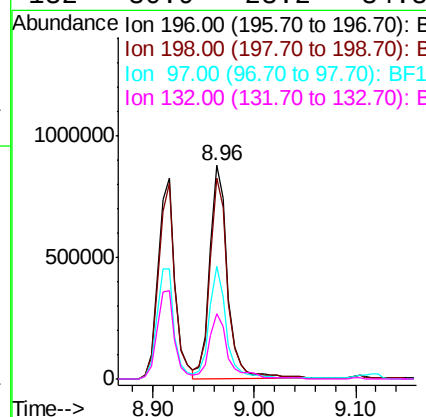
Manual Integrations
APPROVED

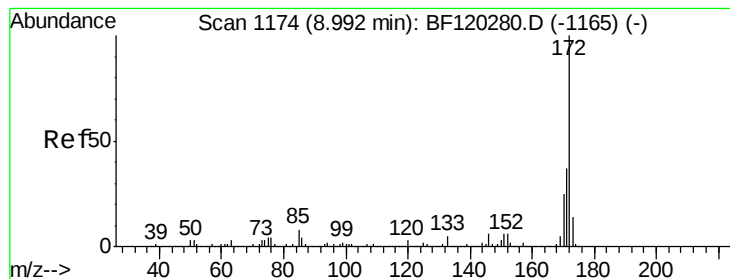
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#44
2,4,5-Trichlorophenol
Concen: 66.083 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF120283.D
Acq: 14 May 2020 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	1066639		
198	94.0	76.2	114.4	
97	52.9	38.6	57.8	
132	30.9	23.2	34.8	





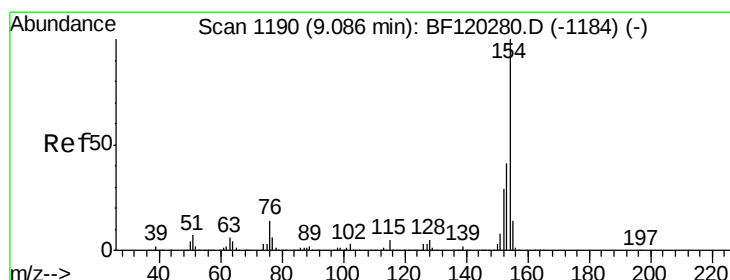
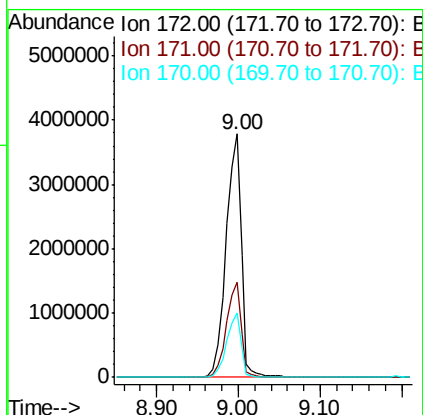
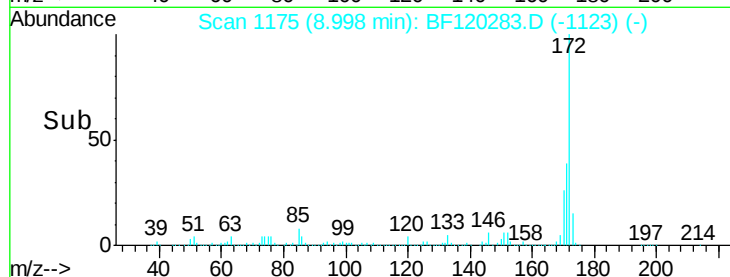
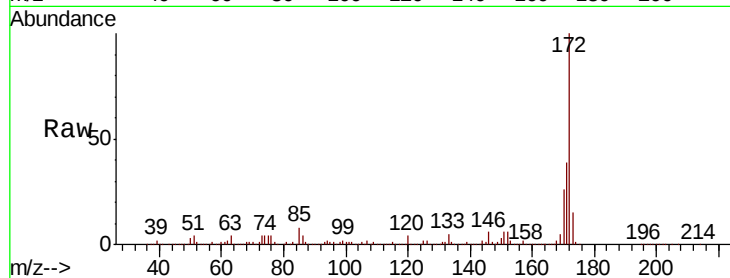
#45
2-Fluorobiphenyl
Concen: 106.943 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF120283.D
Acq: 14 May 2020 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion:172 Resp: 4905526
Ion Ratio Lower Upper
172 100
171 39.1 29.7 44.5
170 26.3 19.9 29.9

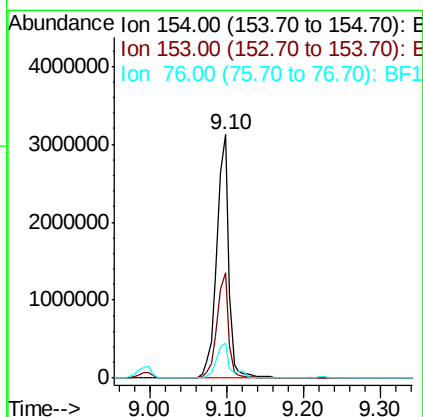
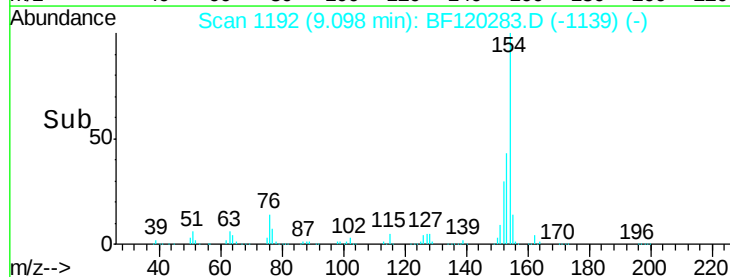
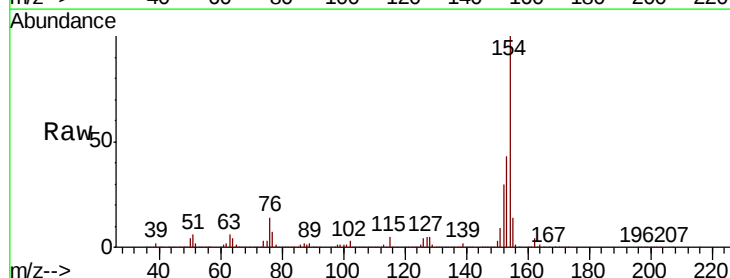
Manual Integrations
APPROVED

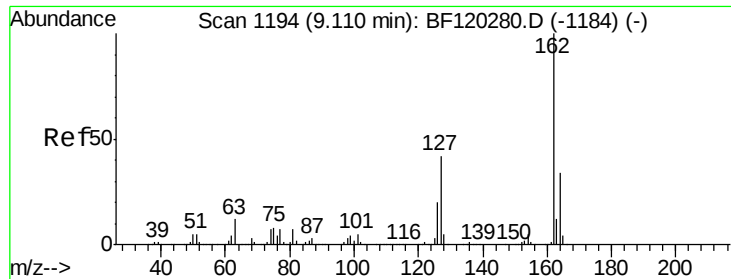
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#46
1,1'-Biphenyl
Concen: 57.397 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BF120283.D
Acq: 14 May 2020 11:34

Tgt Ion:154 Resp: 3327671
Ion Ratio Lower Upper
154 100
153 43.1 20.8 60.8
76 14.3 0.0 34.3





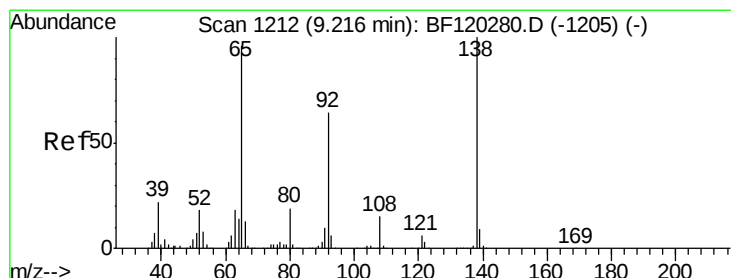
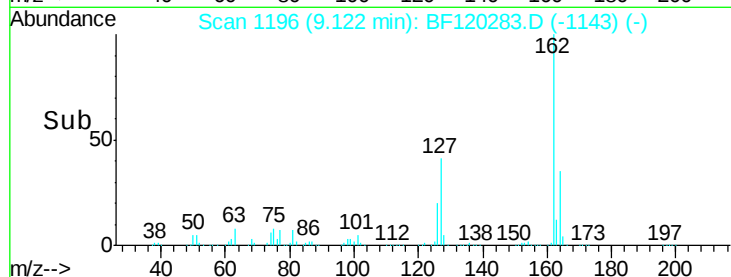
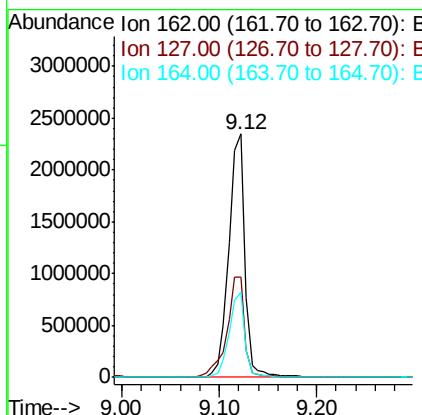
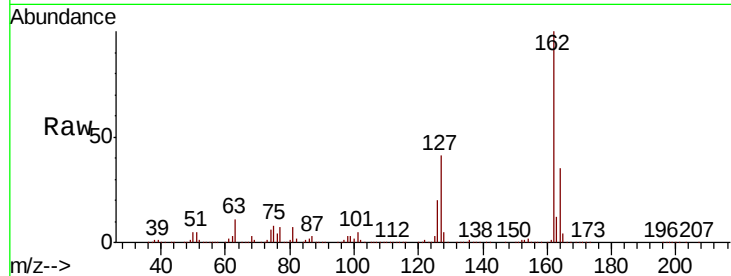
#47
 2-Chloronaphthalene
 Concen: 61.341 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BF120283.D
 Acq: 14 May 2020 11:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.2	33.4	50.0
164	34.9	27.0	40.6

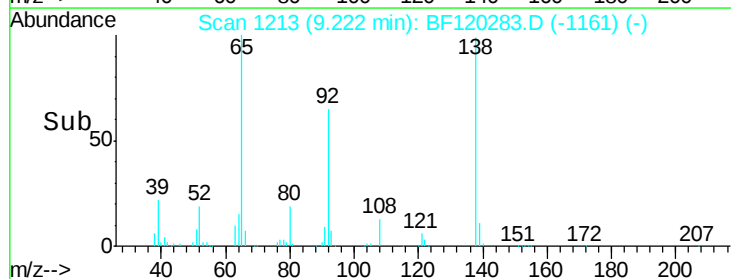
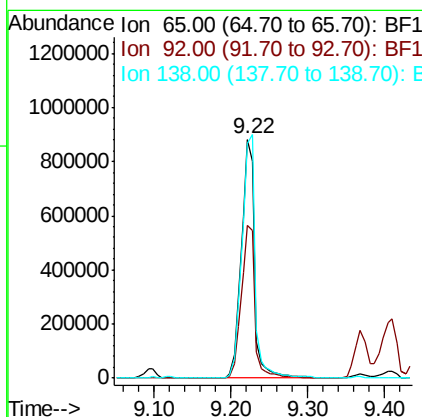
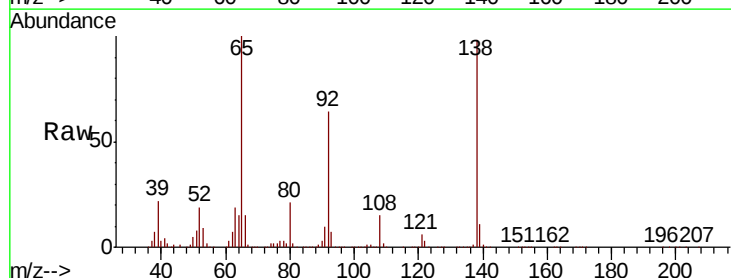
Manual Integrations
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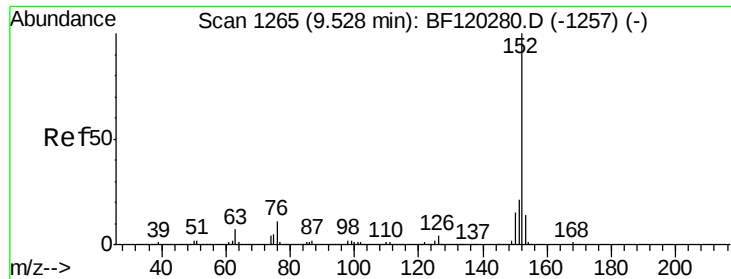
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#48
 2-Nitroaniline
 Concen: 68.013 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF120283.D
 Acq: 14 May 2020 11:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.2	52.9	79.3
138	98.1	83.0	124.4





#49

Acenaphthylene

Concen: 57.131 ng

RT: 9.53 min Scan# 1266

Delta R.T. 0.01 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

Instrument :

BNA_F

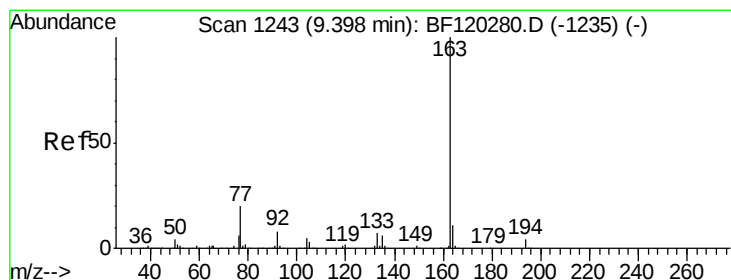
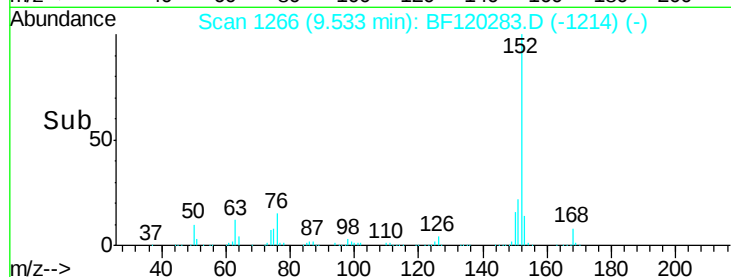
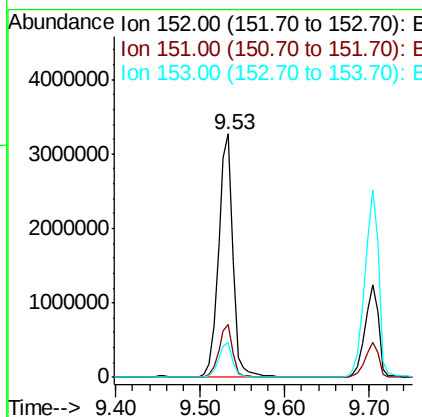
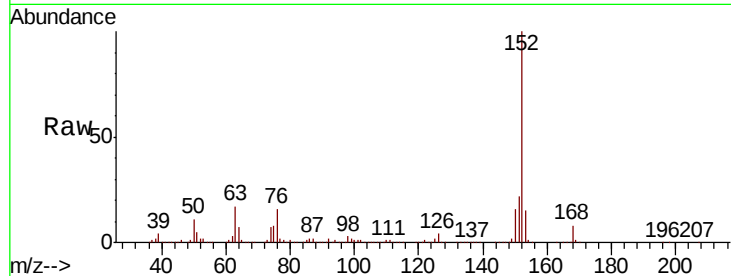
ClientSampleId :

SSTDIC080

Tot Ion:	152	Resp:	3950807
Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.6	25.0
153	14.5	11.1	16.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 61.891 ng

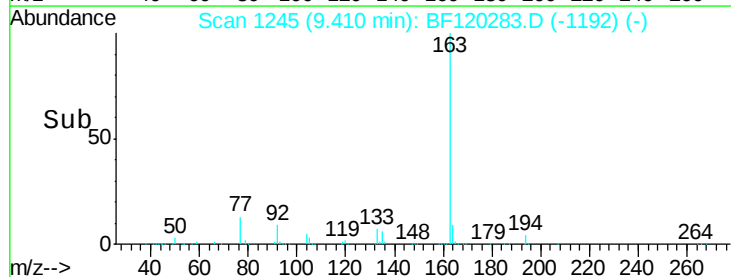
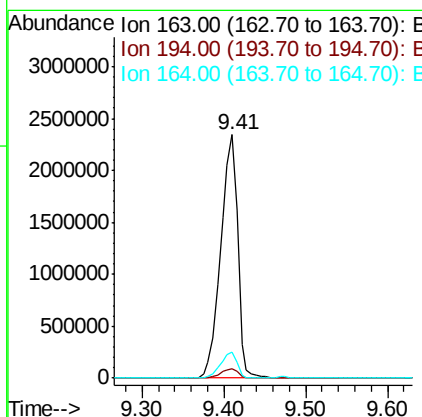
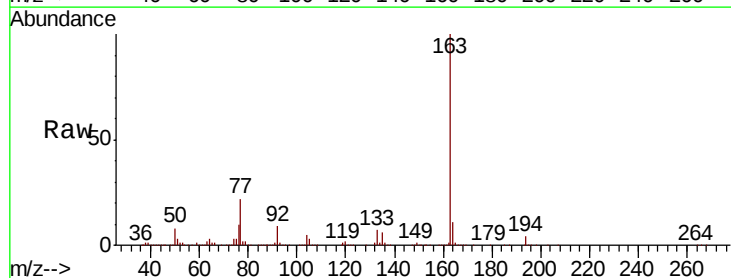
RT: 9.41 min Scan# 1245

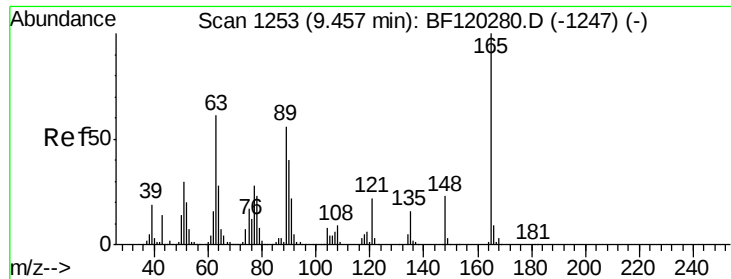
Delta R.T. 0.01 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

Tgt Ion:	163	Resp:	3388997
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.8	8.6	12.8





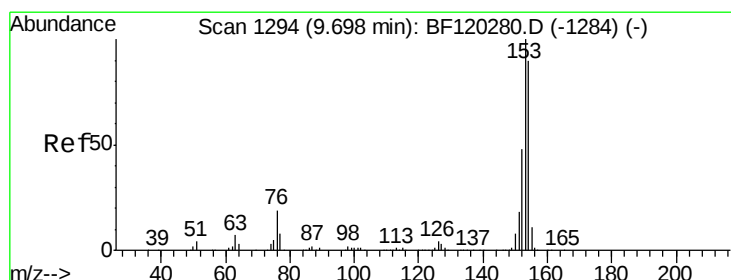
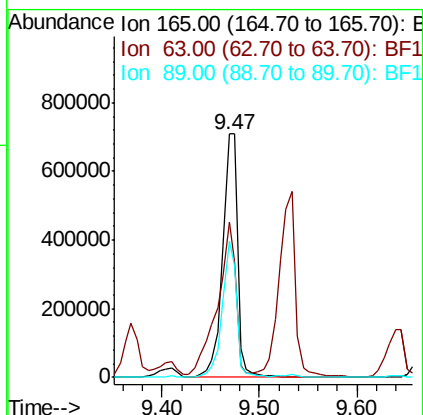
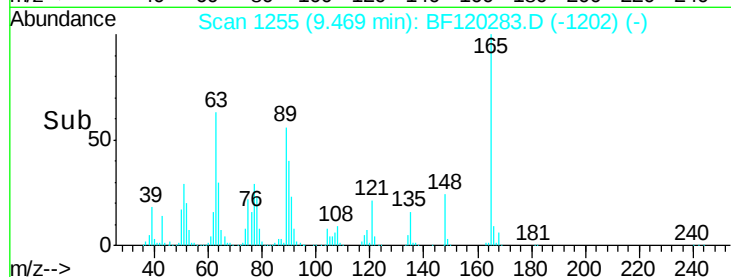
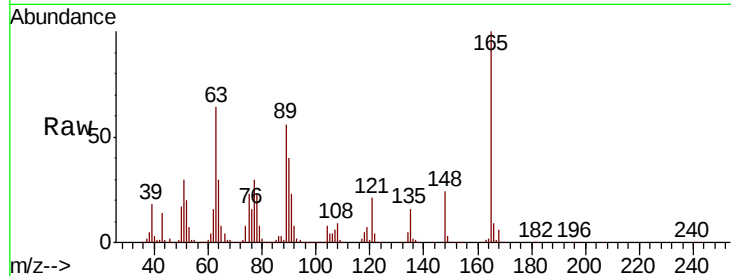
#51
 2,6-Dinitrotoluene
 Concen: 63.642 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.01 min
 Lab File: BF120283.D
 Acq: 14 May 2020 11:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
165	100	763744		
63	63.8	50.2	75.2	
89	55.9	44.6	66.8	

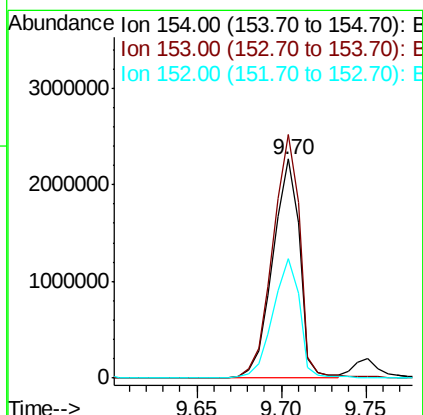
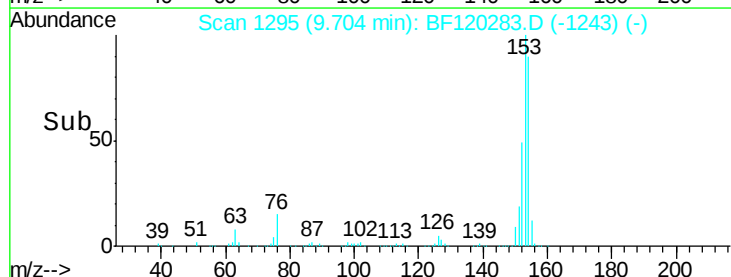
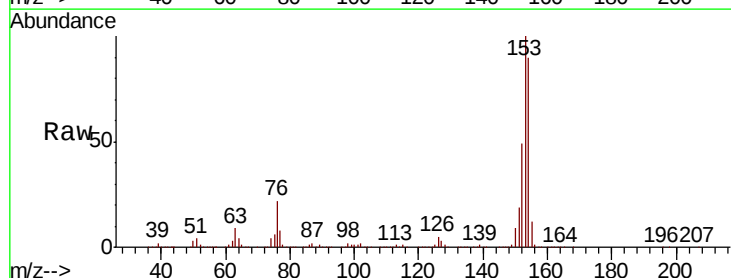
Manual Integrations
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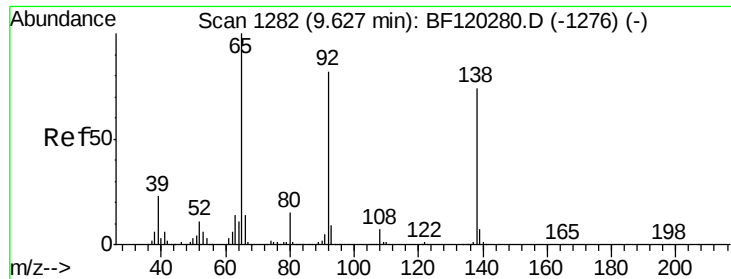
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#52
 Acenaphthene
 Concen: 59.789 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.01 min
 Lab File: BF120283.D
 Acq: 14 May 2020 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2504094		
153	111.2	89.0	133.4	
152	54.7	42.6	64.0	





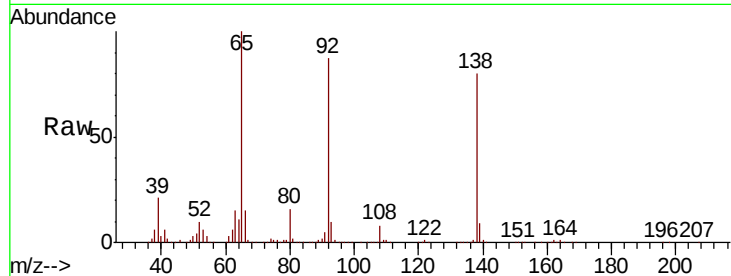
#53
3-Nitroaniline
Concen: 64.409 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.02 min
Lab File: BF120283.D
Acq: 14 May 2020 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

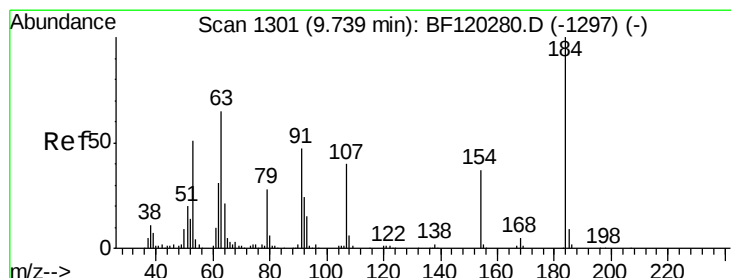
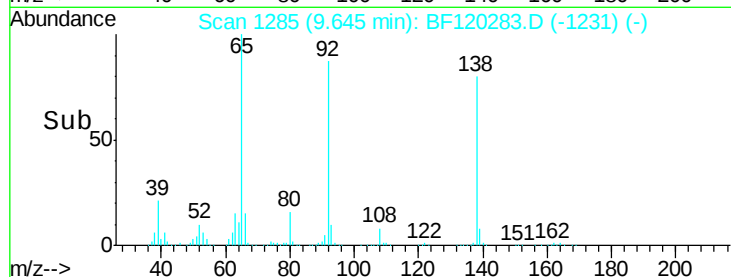
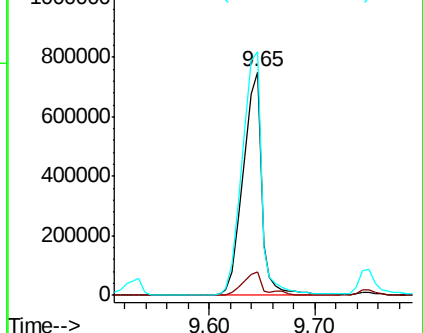
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.2	12.2
92	109.1	89.6	134.4

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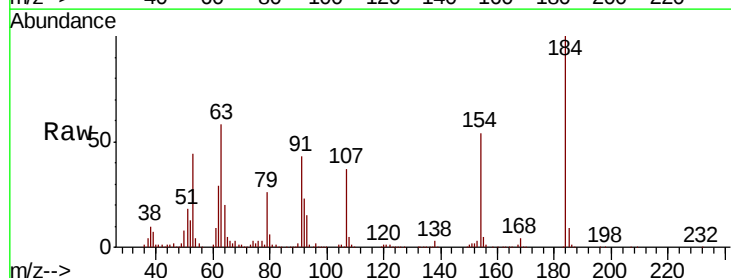


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

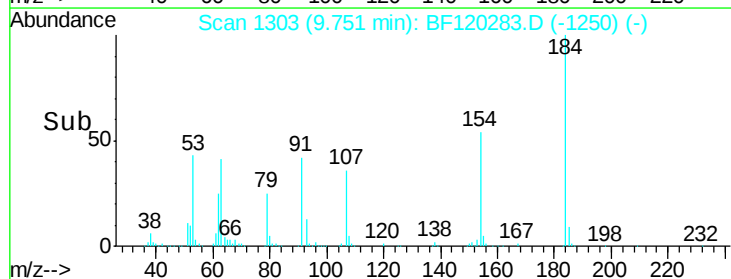
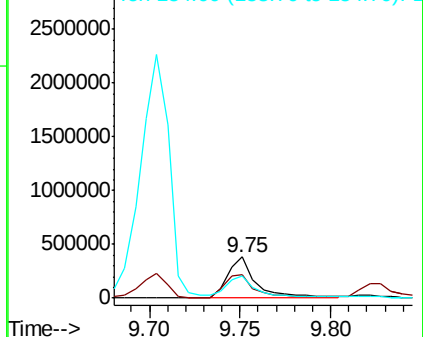


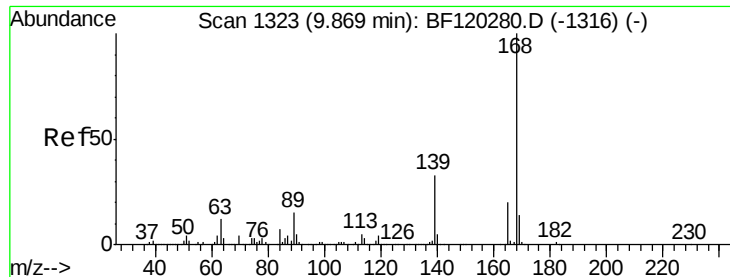
#54
2,4-Dinitrophenol
Concen: 70.305 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.01 min
Lab File: BF120283.D
Acq: 14 May 2020 11:34

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.3	53.6	80.4
154	53.9	46.8	70.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





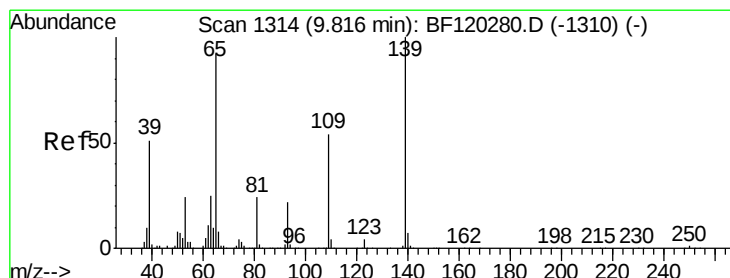
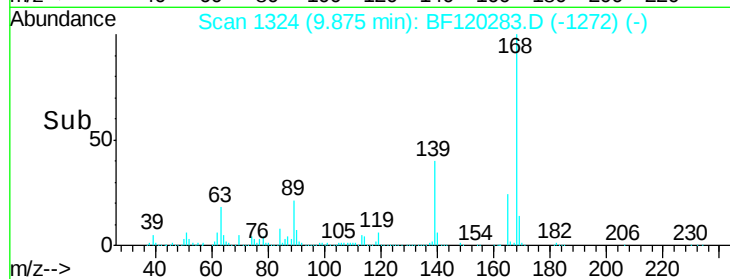
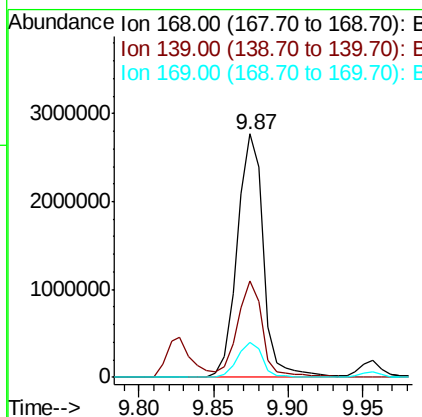
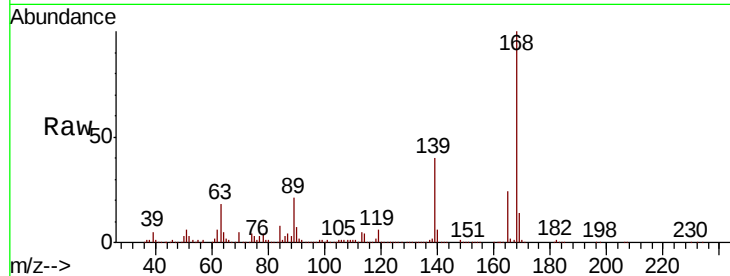
#55
Dibenzofuran
Concen: 55.566 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF120283.D
Acq: 14 May 2020 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	29.8	44.6
169	14.5	11.0	16.6

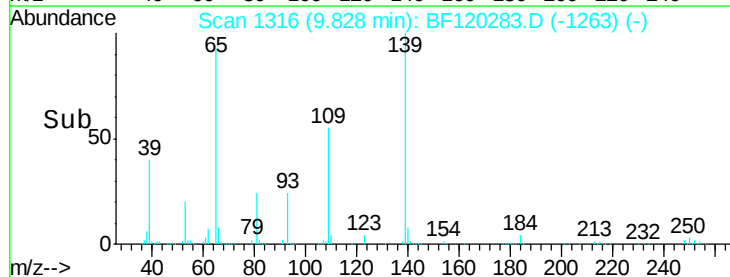
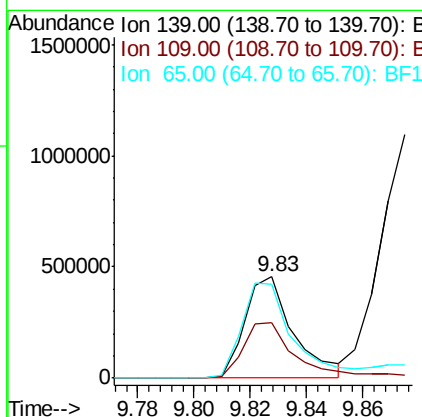
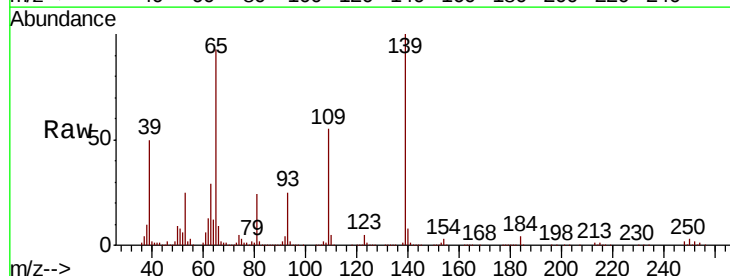
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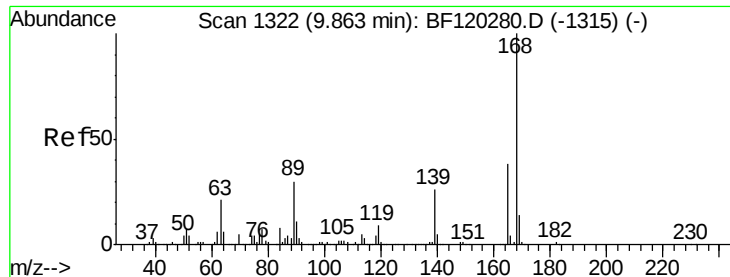
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#56
4-Nitrophenol
Concen: 70.356 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF120283.D
Acq: 14 May 2020 11:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	55.4	34.6	74.6
65	93.1	73.3	113.3





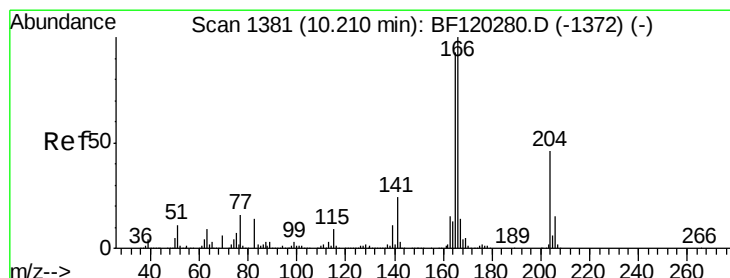
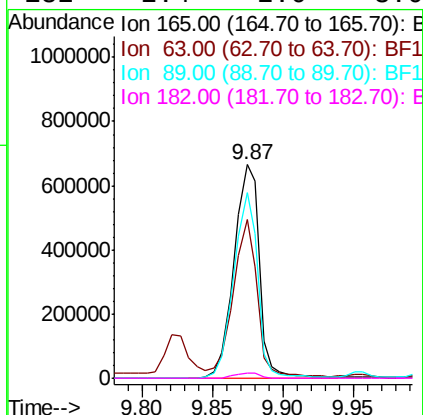
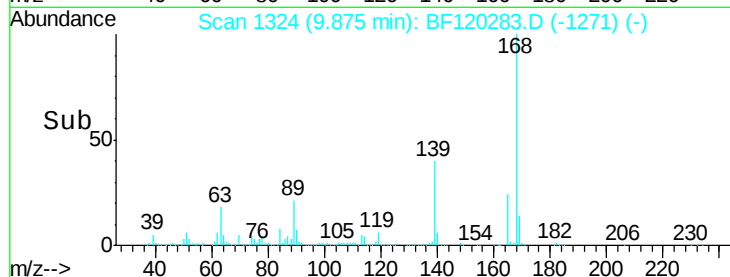
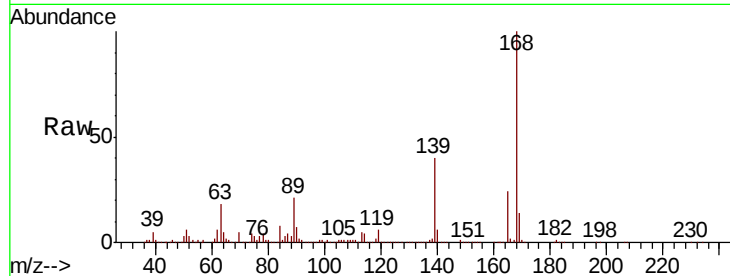
#57
2,4-Dinitrotoluene
Concen: 56.953 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF120283.D
Acq: 14 May 2020 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
165	100		
63	74.1	51.8	77.8
89	87.2	64.2	96.4
182	2.4	2.0	3.0

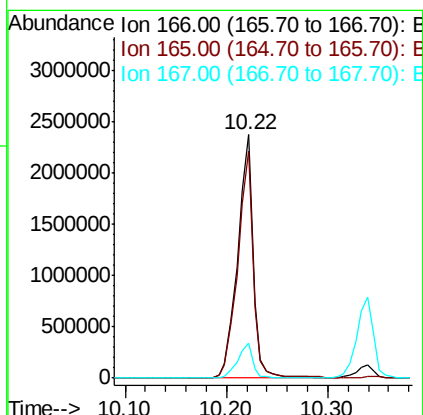
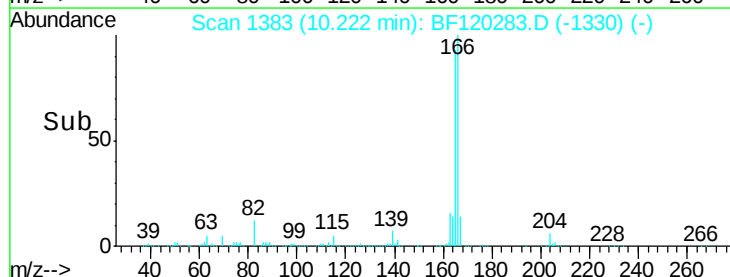
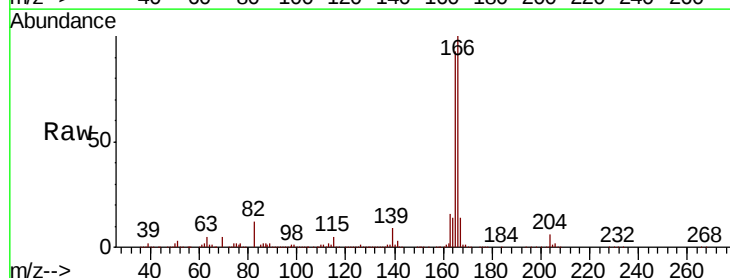
Manual Integrations
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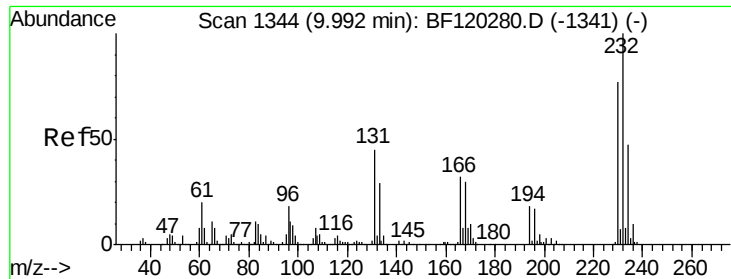
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#58
Fluorene
Concen: 52.866 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF120283.D
Acq: 14 May 2020 11:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.3	74.7	112.1
167	14.2	11.4	17.0





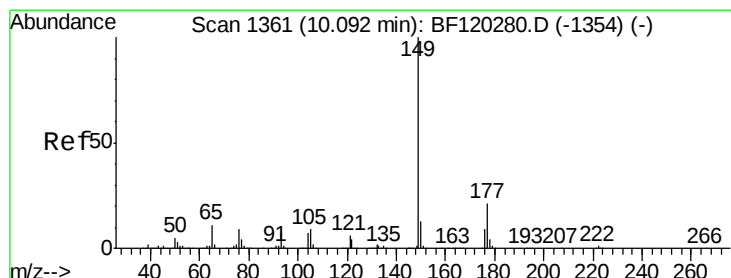
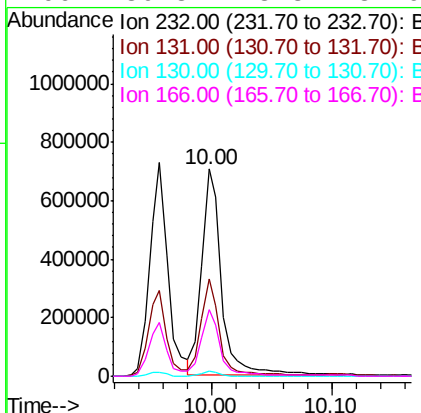
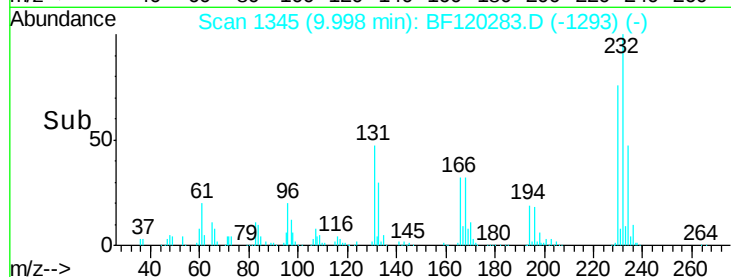
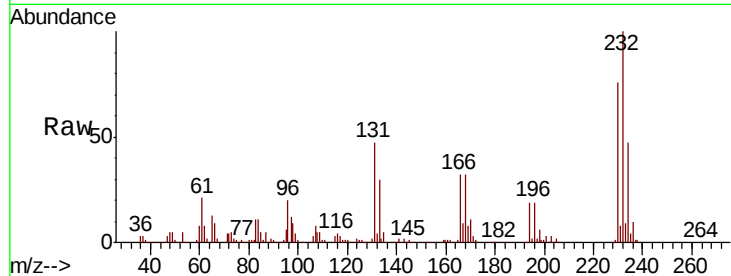
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 63.168 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.01 min
 Lab File: BF120283.D
 Acq: 14 May 2020 11:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.1	34.1	51.1
130	2.2	1.7	2.5
166	30.3	23.3	34.9

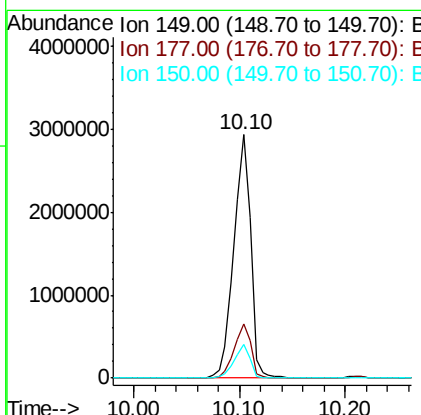
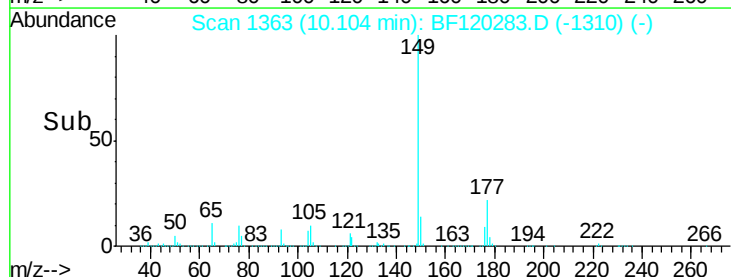
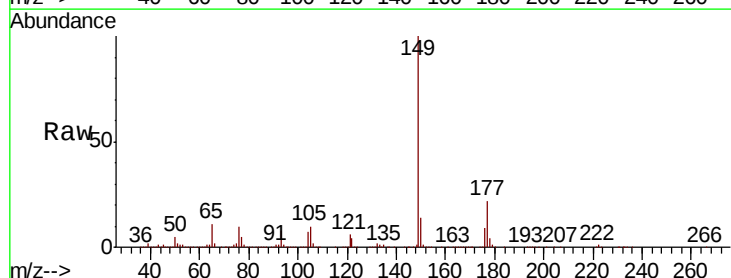
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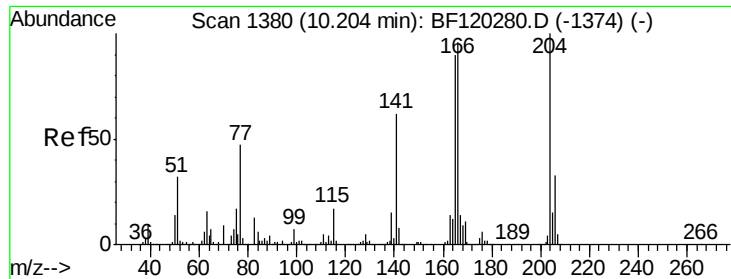
mohammad
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#60
 Diethylphthalate
 Concen: 58.820 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: BF120283.D
 Acq: 14 May 2020 11:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.1	25.7
150	14.0	10.3	15.5





#61

4-Chlorophenyl-phenylether

Concen: 51.566 ng

RT: 10.21 min Scan# 1381

Delta R.T. 0.01 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:204 Resp: 1246049

Ion Ratio Lower Upper

204 100

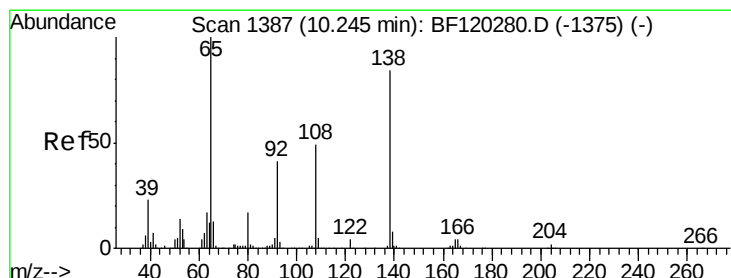
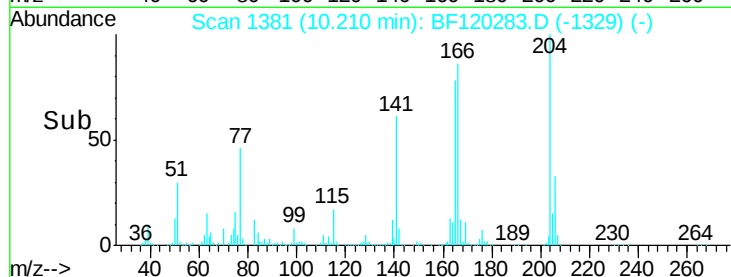
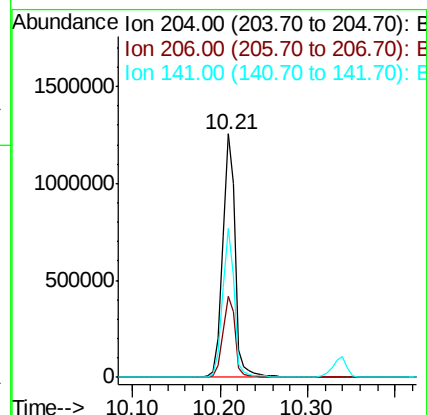
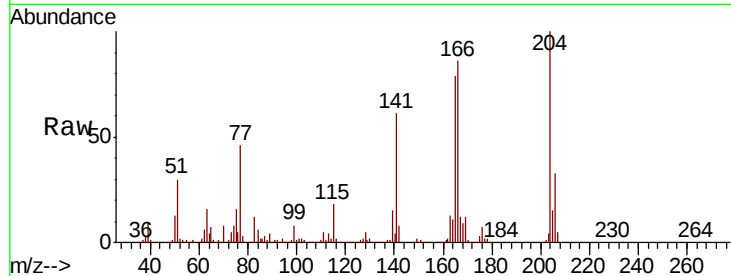
206 33.4 26.8 40.2

141 60.9 49.5 74.3

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#62

4-Nitroaniline

Concen: 60.199 ng

RT: 10.26 min Scan# 1390

Delta R.T. 0.02 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

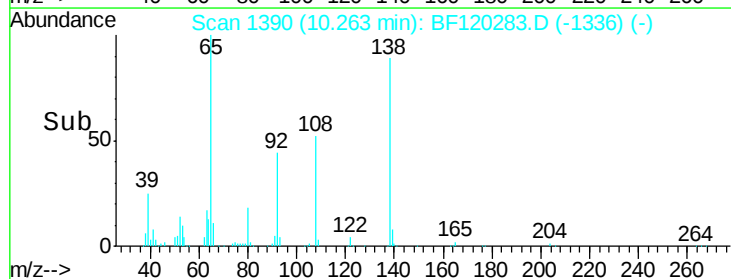
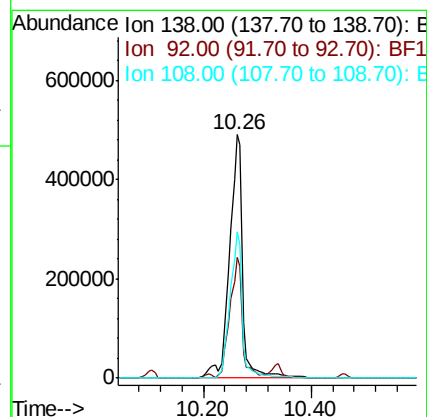
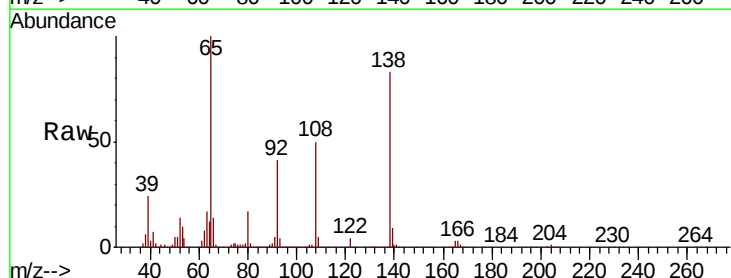
Tgt Ion:138 Resp: 858707

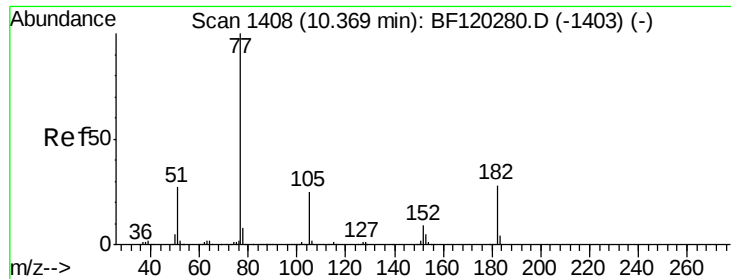
Ion Ratio Lower Upper

138 100

92 49.6 28.9 68.9

108 60.3 38.4 78.4





#63

Azobenzene

Concen: 54.664 ng

RT: 10.37 min Scan# 1409

Delta R.T. 0.01 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion: 77 Resp: 2796972

Ion Ratio Lower Upper

77 100

182 26.4 7.4 47.4

105 24.7 4.4 44.4

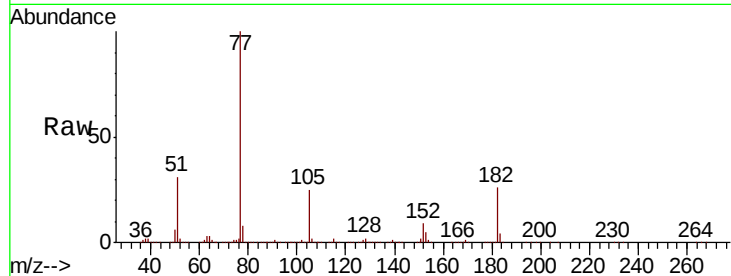
51 30.7 8.3 48.3

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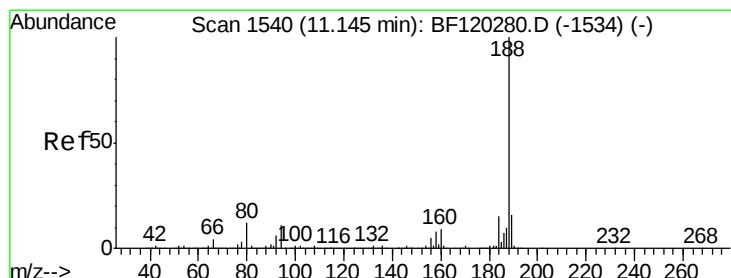
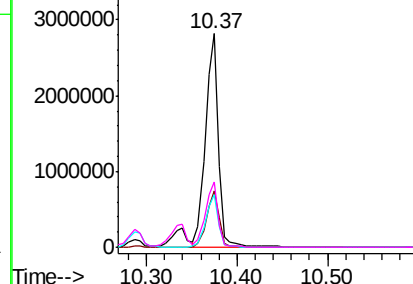
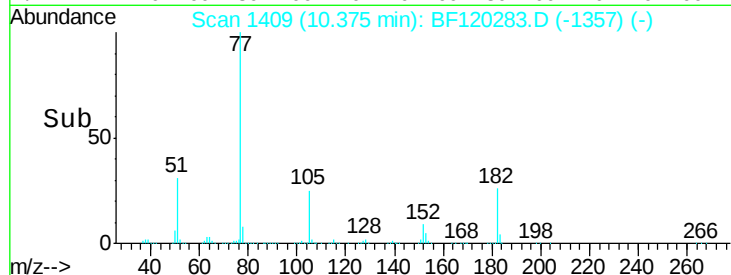


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.15 min Scan# 1541

Delta R.T. 0.01 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

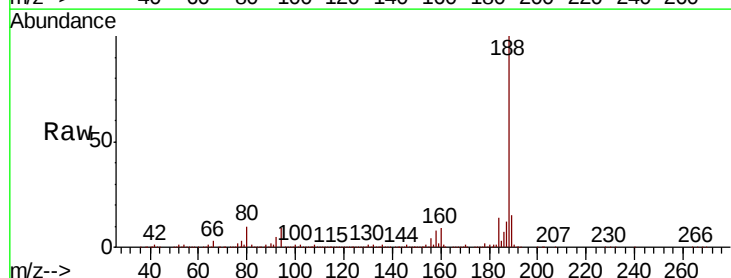
Tgt Ion: 188 Resp: 1161074

Ion Ratio Lower Upper

188 100

94 9.3 8.6 13.0

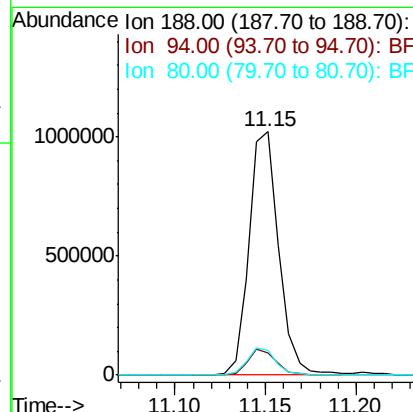
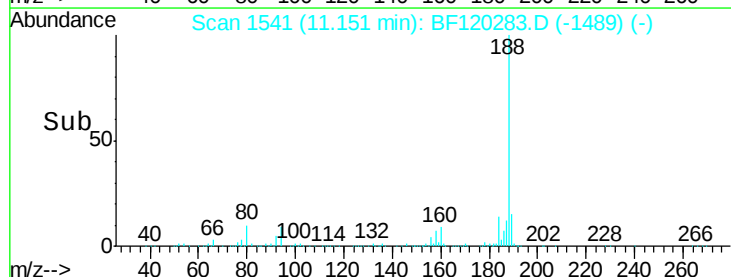
80 10.4 9.2 13.8

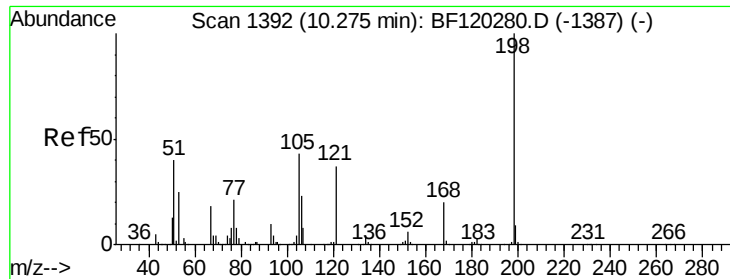


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





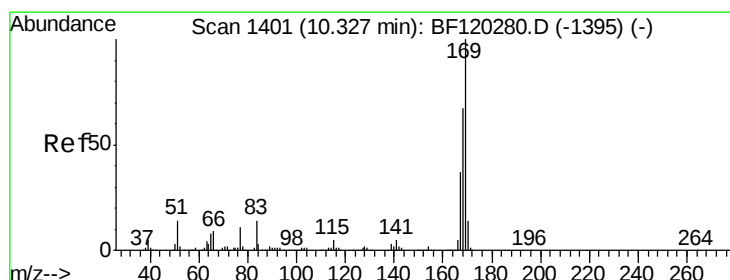
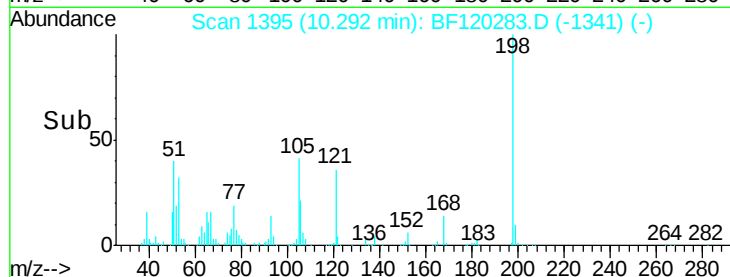
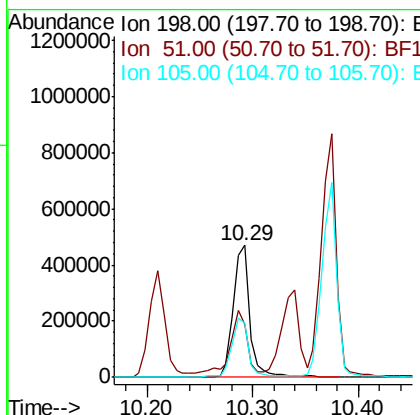
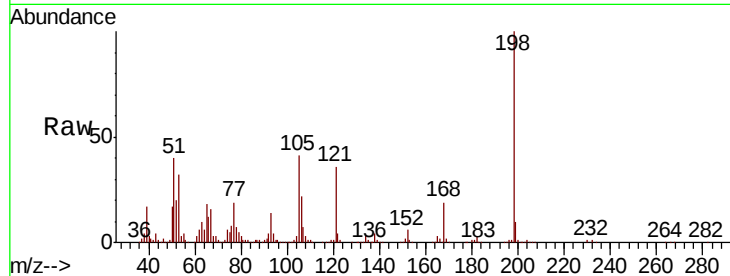
#65
 4,6-Dinitro-2-methylphenol
 Concen: 65.551 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. 0.02 min
 Lab File: BF120283.D
 Acq: 14 May 2020 11:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
198	100	509613		
51	39.7		27.1	67.1
105	41.1		24.3	64.3

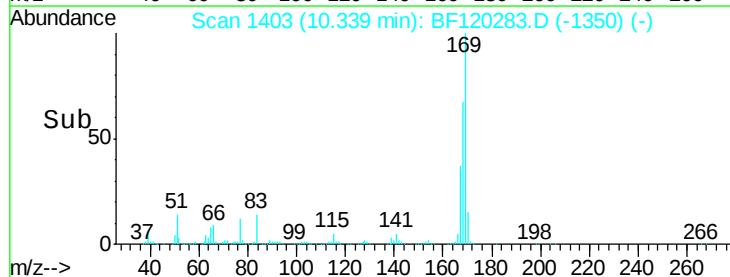
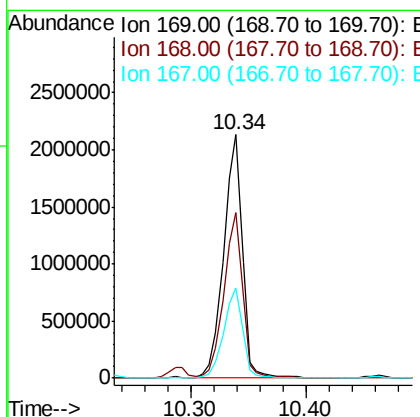
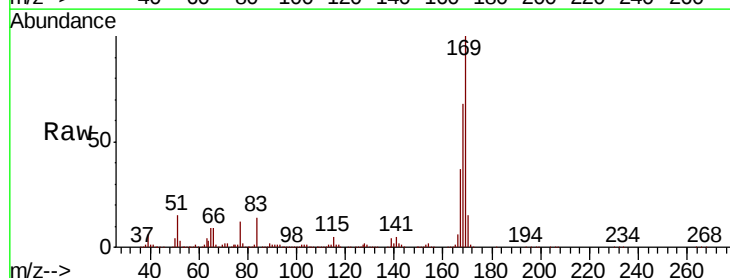
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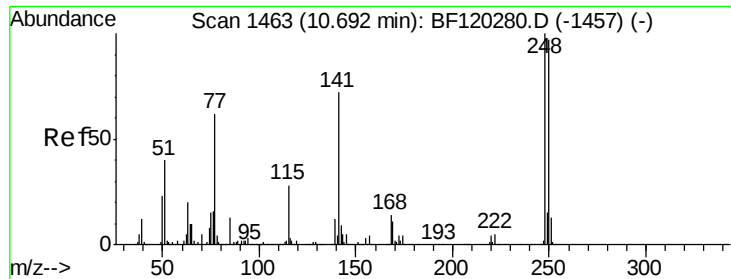
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 57.068 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.01 min
 Lab File: BF120283.D
 Acq: 14 May 2020 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2381422		
168	67.8		53.7	80.5
167	37.2		29.8	44.6





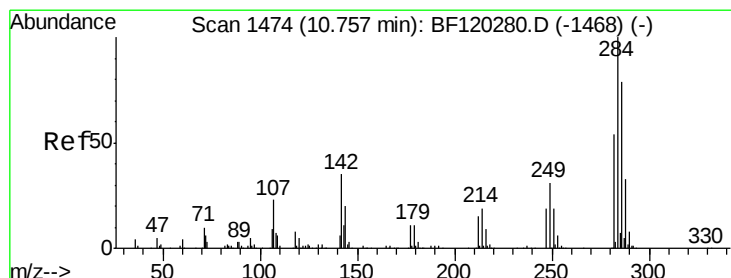
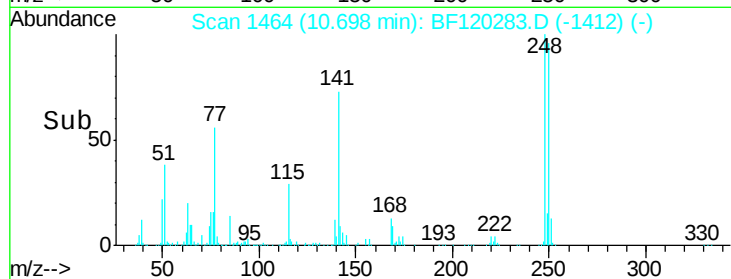
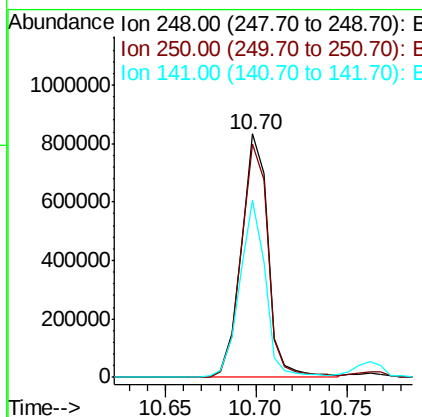
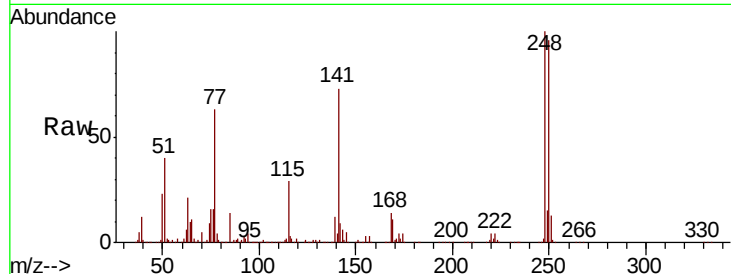
#67
4-Bromophenyl-phenylether
Concen: 58.449 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BF120283.D
Acq: 14 May 2020 11:34

Instrument :
BNA_F
ClientSampled :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.7	77.8	116.6
141	72.9	57.7	86.5

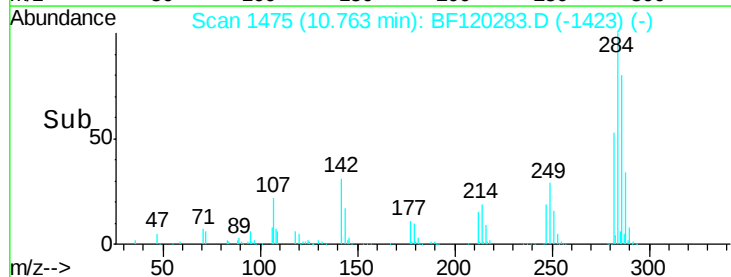
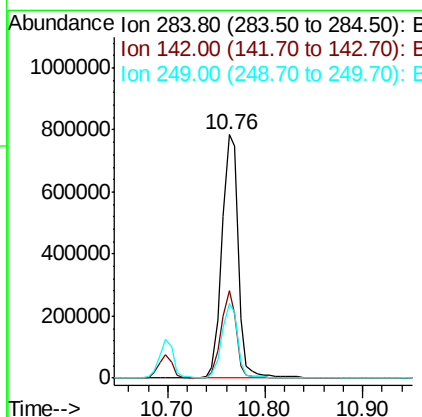
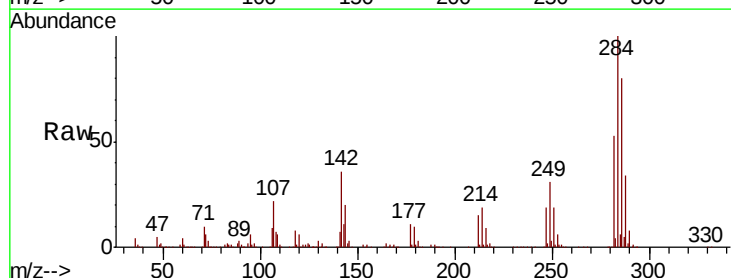
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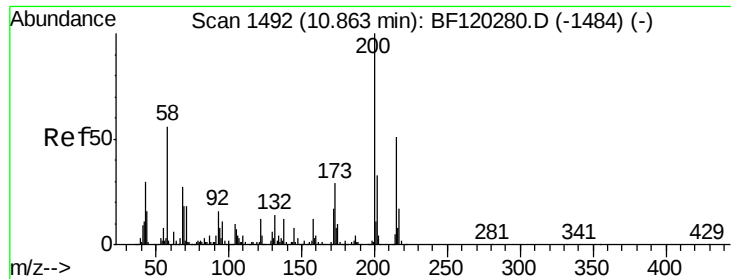
mohammad
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#68
Hexachlorobenzene
Concen: 60.817 ng
RT: 10.76 min Scan# 1475
Delta R.T. 0.01 min
Lab File: BF120283.D
Acq: 14 May 2020 11:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.0	28.5	42.7
249	30.6	24.8	37.2





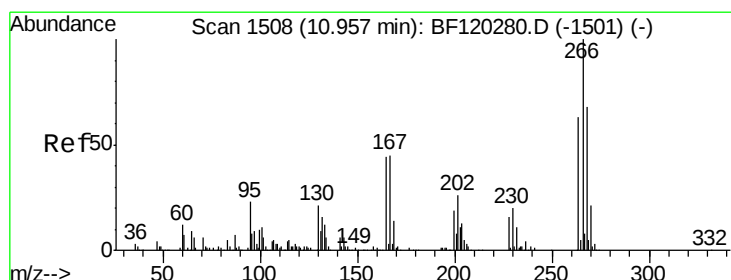
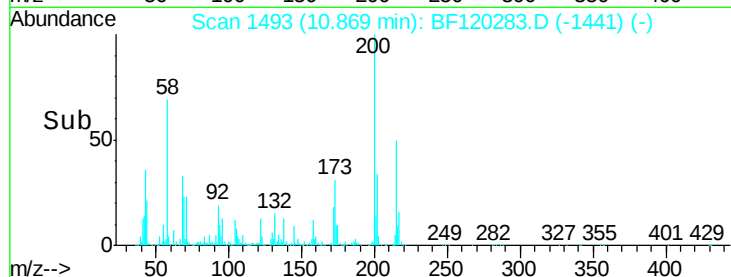
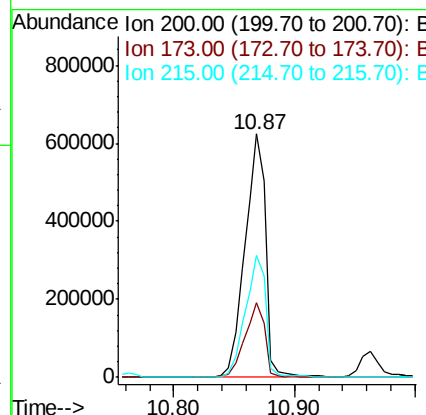
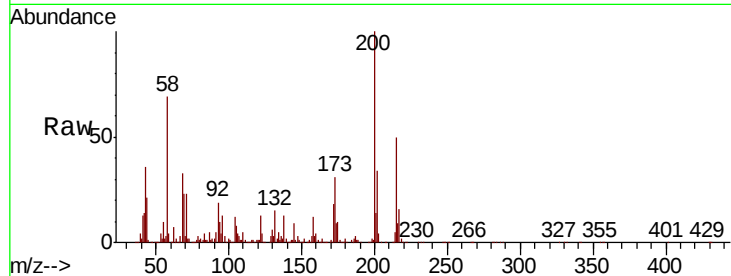
#69
 Atrazine
 Concen: 84.354 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.01 min
 Lab File: BF120283.D
 Acq: 14 May 2020 11:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:	200	Resp:	746855
Ion Ratio	Lower	Upper	
200	100		
173	30.8	8.7	48.7
215	50.0	30.6	70.6

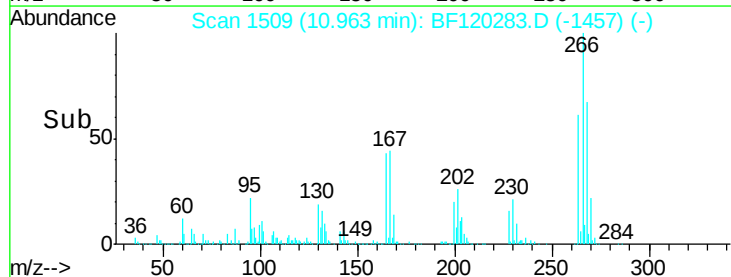
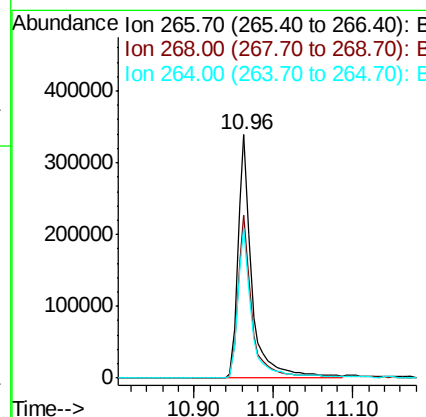
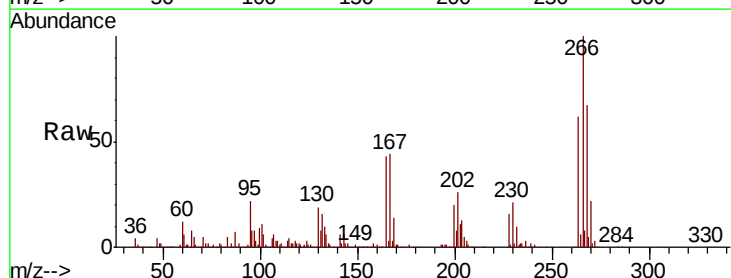
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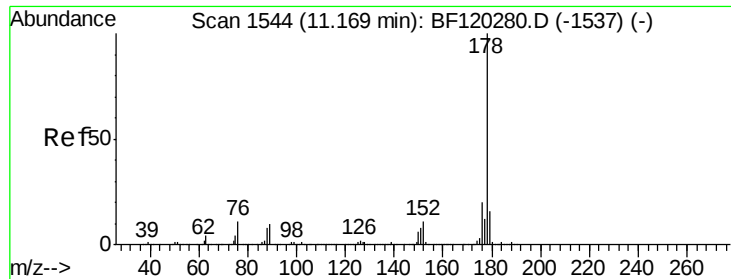
mohammad
 5/18/2020 1:31:44 PM



#70
 Pentachlorophenol
 Concen: 66.072 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: BF120283.D
 Acq: 14 May 2020 11:34

Tgt Ion:	266	Resp:	410300
Ion Ratio	Lower	Upper	
266	100		
268	66.9	54.2	81.4
264	61.5	50.2	75.4





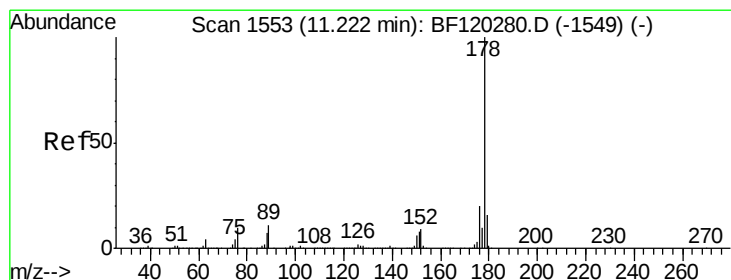
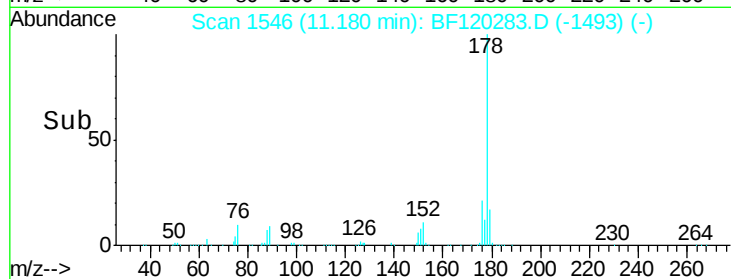
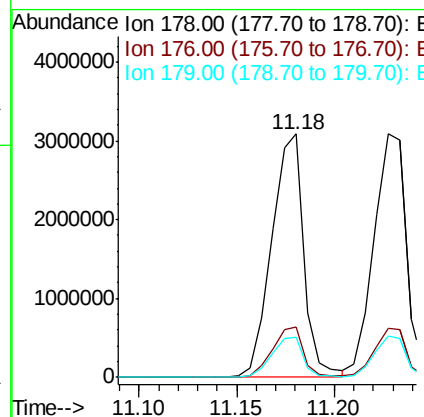
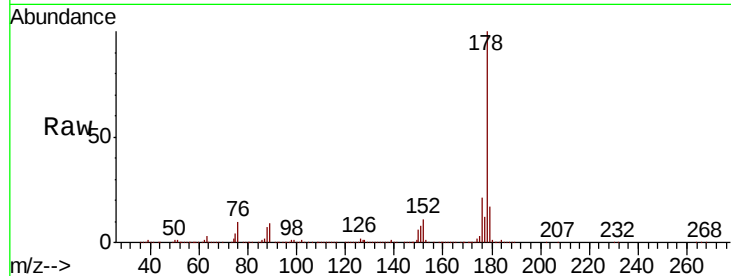
#71
Phenanthrene
Concen: 60.597 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.01 min
Lab File: BF120283.D
Acq: 14 May 2020 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:178 Resp: 3511350
Ion Ratio Lower Upper
178 100
176 20.9 15.8 23.8
179 16.7 12.8 19.2

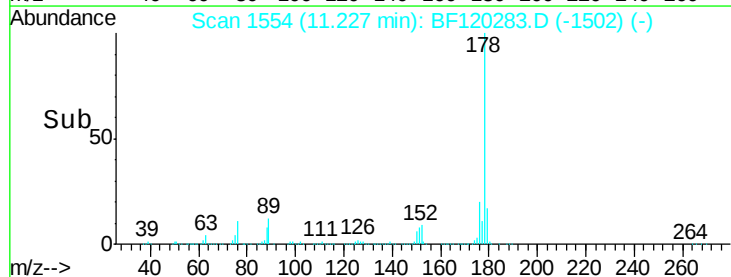
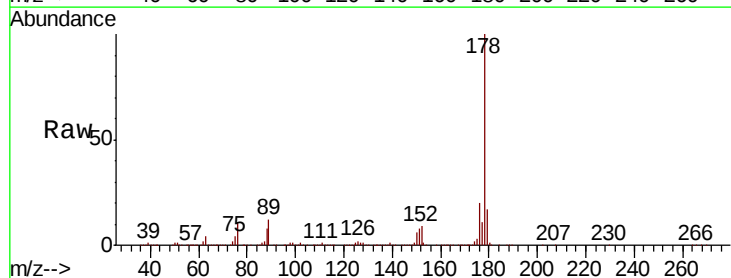
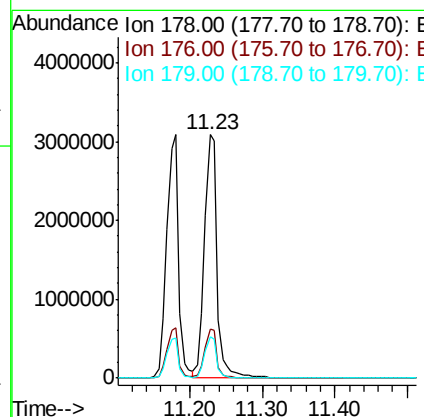
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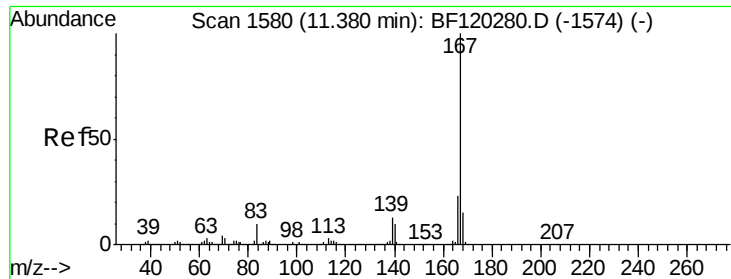
mohammad
5/18/2020 1:31:44 PM



#72
Anthracene
Concen: 60.737 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF120283.D
Acq: 14 May 2020 11:34

Tgt Ion:178 Resp: 3773525
Ion Ratio Lower Upper
178 100
176 20.4 15.7 23.5
179 17.0 13.0 19.6





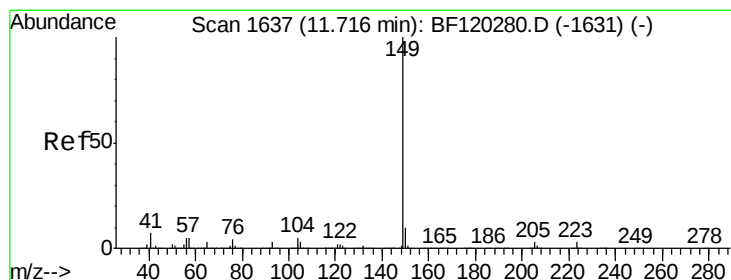
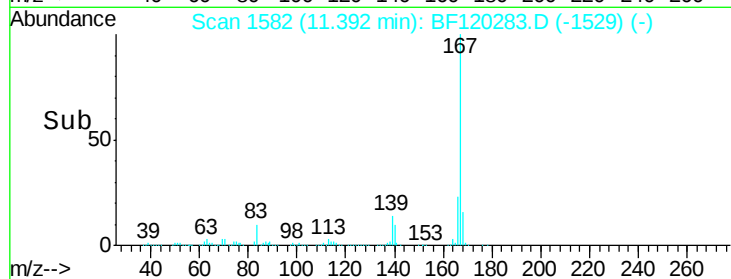
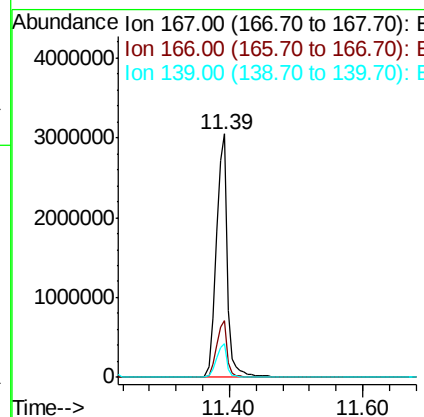
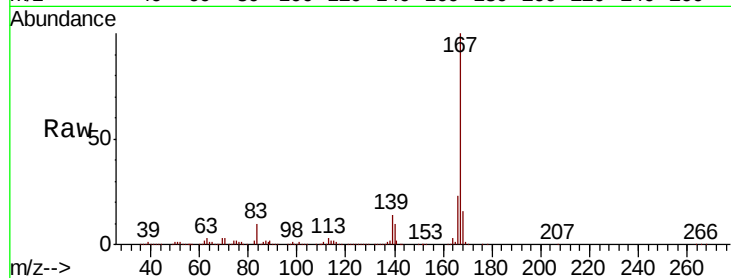
#73
 Carbazole
 Concen: 57.166 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF120283.D
 Acq: 14 May 2020 11:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:167 Resp: 3556779
 Ion Ratio Lower Upper
 167 100
 166 23.2 18.1 27.1
 139 13.7 10.6 15.8

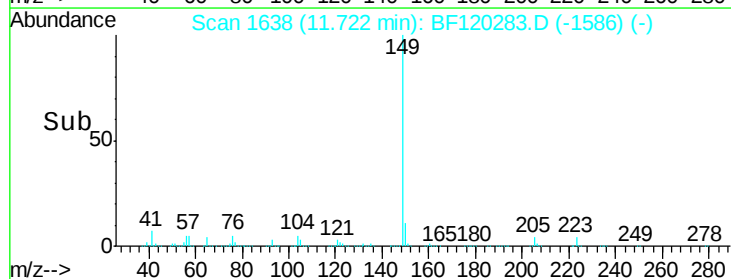
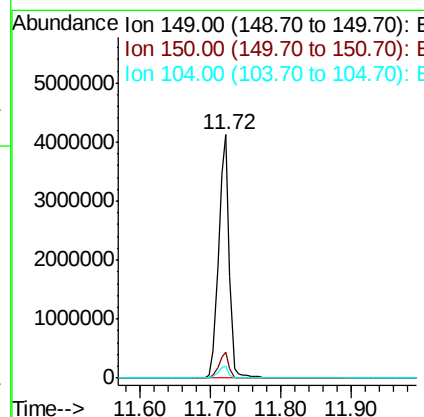
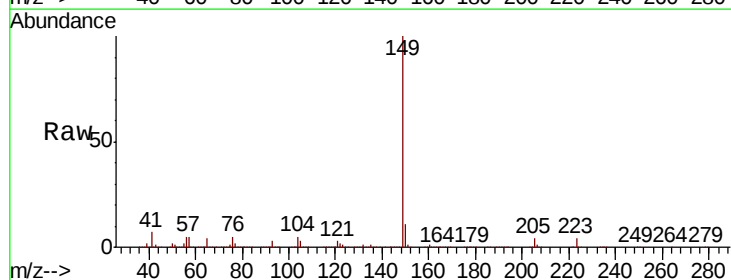
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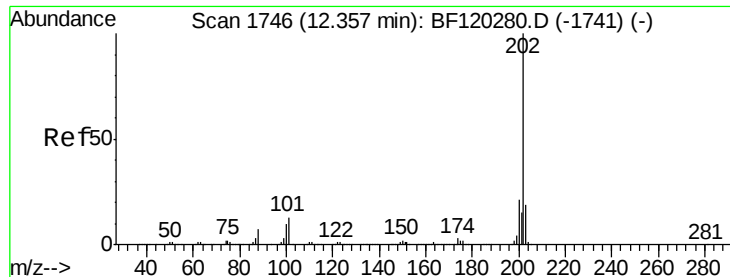
mohammad
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#74
 Di-n-butylphthalate
 Concen: 55.129 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. 0.01 min
 Lab File: BF120283.D
 Acq: 14 May 2020 11:34

Tgt Ion:149 Resp: 4329640
 Ion Ratio Lower Upper
 149 100
 150 10.8 8.2 12.4
 104 5.1 3.8 5.8





#75

Fluoranthene

Concen: 56.302 ng

RT: 12.36 min Scan# 1747

Delta R.T. 0.01 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

Instrument :

BNA_F

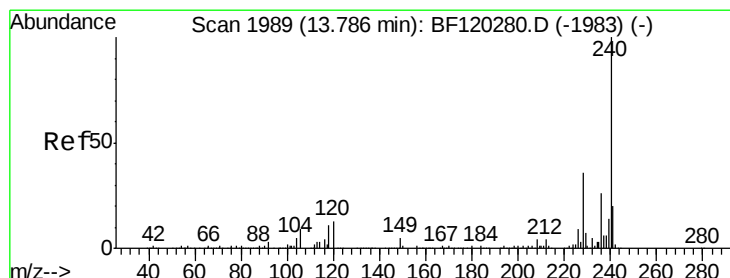
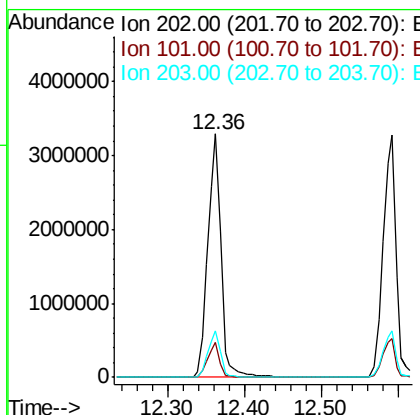
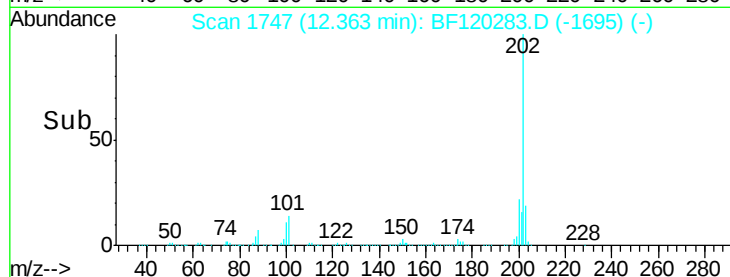
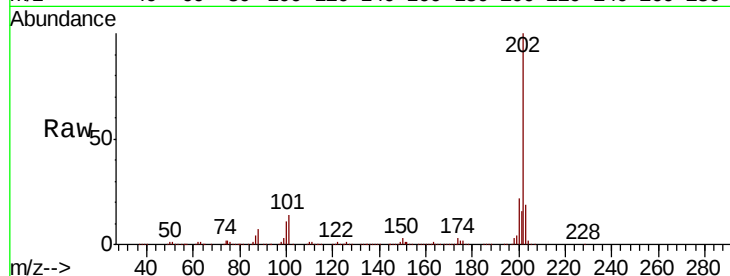
ClientSampleId :

SSTDICC080

Tot Ion:	202	Resp:	3846131
Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	33.2
203	19.2	0.0	39.1

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#76

Chrysene-d12

Concen: 20.000 ng

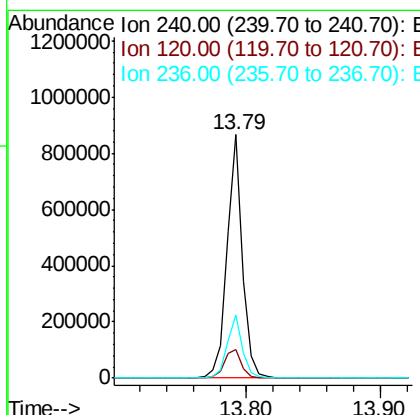
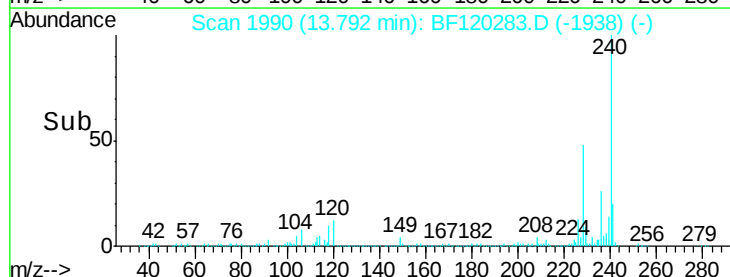
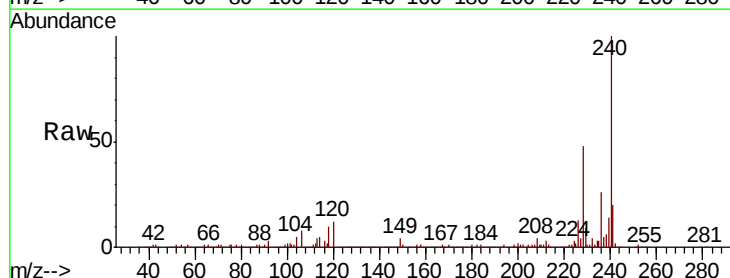
RT: 13.79 min Scan# 1990

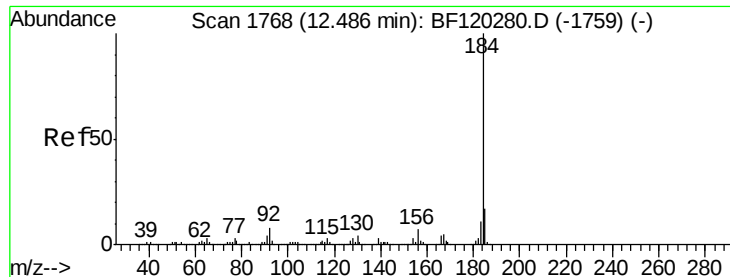
Delta R.T. 0.01 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

Tgt Ion:	240	Resp:	706163
Ion	Ratio	Lower	Upper
240	100		
120	11.6	10.4	15.6
236	26.0	21.0	31.6





#77

Benzidine

Concen: 86.810 ng

RT: 12.49 min Scan# 1768

Delta R.T. 0.00 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:184 Resp: 1477718

Ion Ratio Lower Upper

184 100

185 20.8 13.7 20.5#

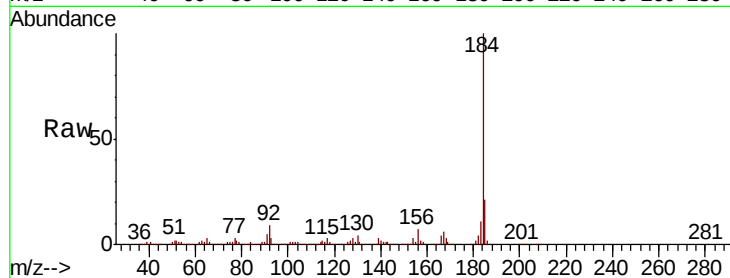
183 11.2 8.7 13.1

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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

2000000

1500000

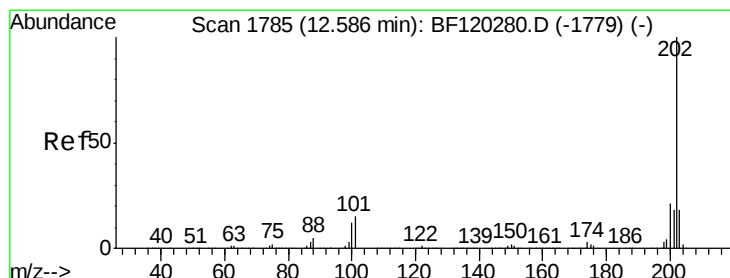
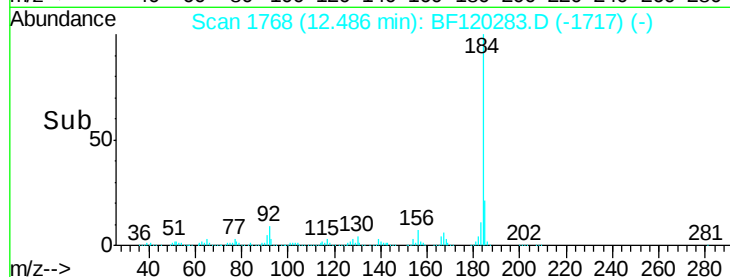
1000000

500000

0

12.49

Time-->



#78

Pyrene

Concen: 66.797 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

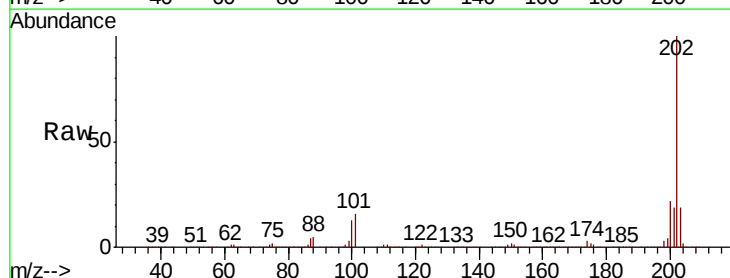
Tgt Ion:202 Resp: 3906307

Ion Ratio Lower Upper

202 100

200 22.2 16.6 25.0

203 19.2 14.6 22.0



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

4000000

3000000

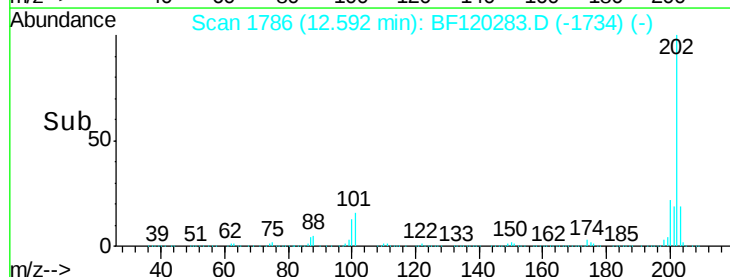
2000000

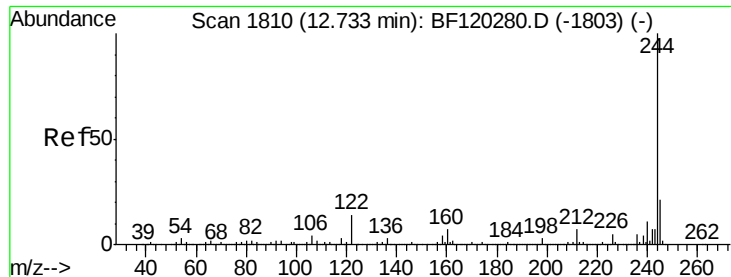
1000000

0

12.59

Time-->





#79

Terphenyl-d14

Concen: 127.392 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:244 Resp: 4709880

Ion Ratio Lower Upper

244 100

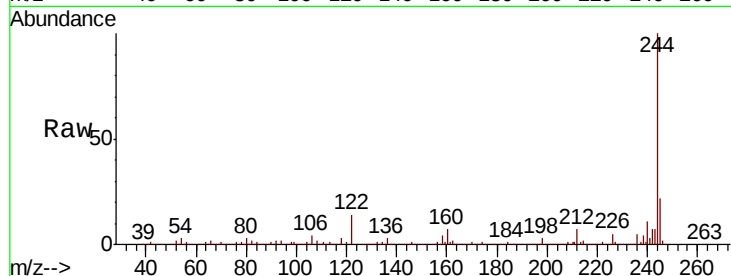
212 7.4 5.8 8.6

122 13.8 10.8 16.2

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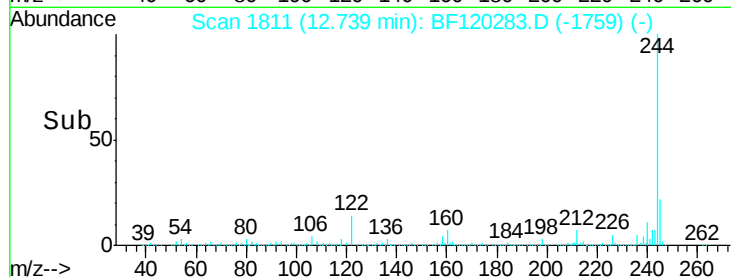


Abundance Ion 244.00 (243.70 to 244.70): E

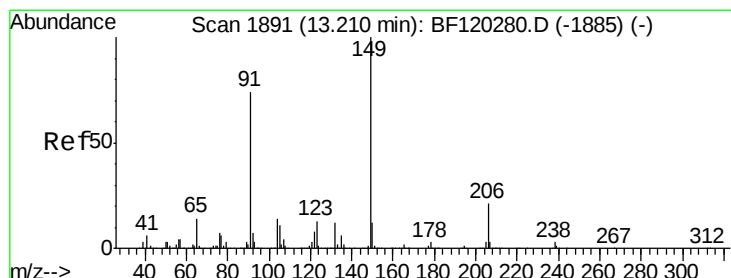
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.74



Time-->



#80

Butylbenzylphthalate

Concen: 67.603 ng

RT: 13.22 min Scan# 1892

Delta R.T. 0.01 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

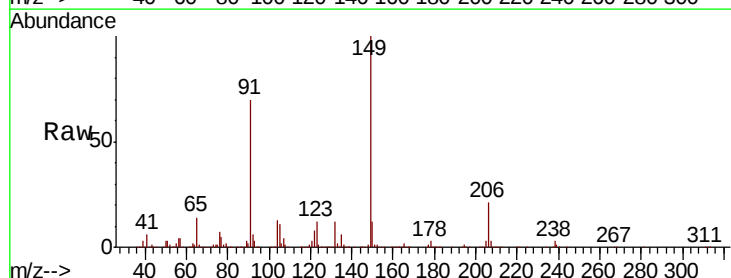
Tgt Ion:149 Resp: 1878556

Ion Ratio Lower Upper

149 100

91 69.6 59.0 88.4

206 21.1 16.8 25.2

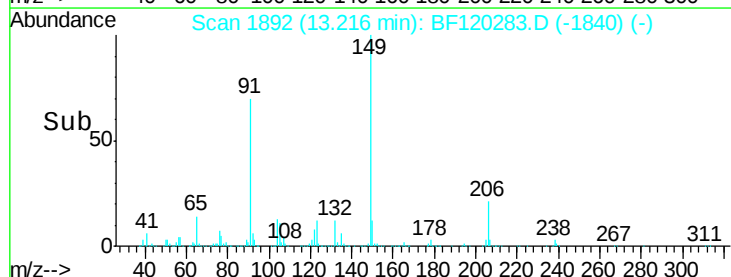


Abundance Ion 149.00 (148.70 to 149.70): E

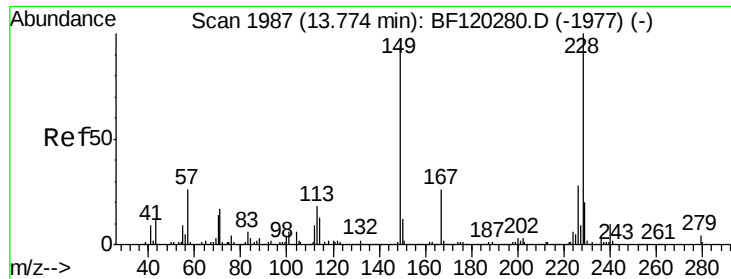
Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

13.22



Time-->



#81

Benzo(a)anthracene

Concen: 61.345 ng

RT: 13.78 min Scan# 1988

Delta R.T. 0.01 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:228 Resp: 2739929

Ion Ratio Lower Upper

228 100

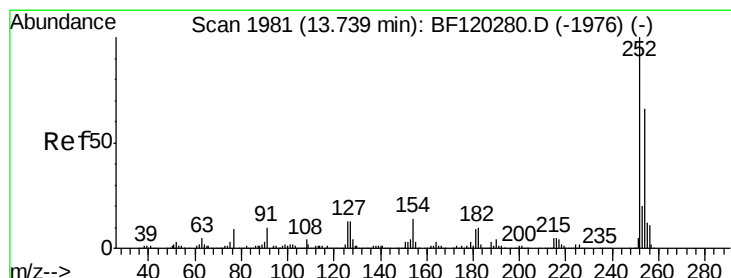
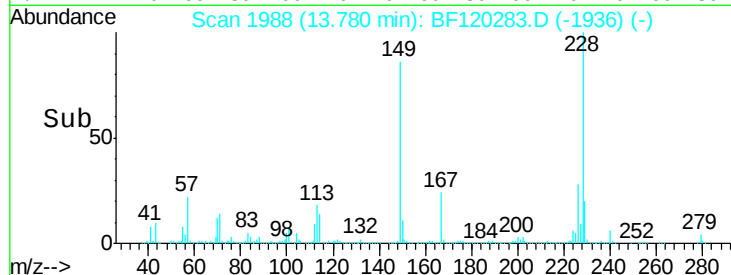
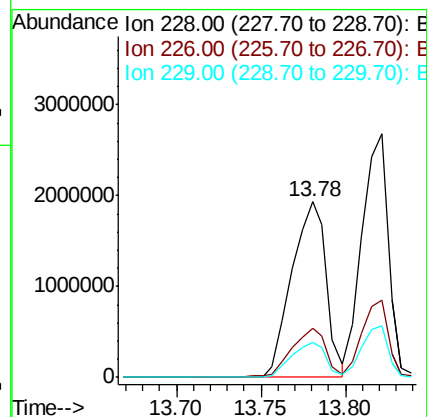
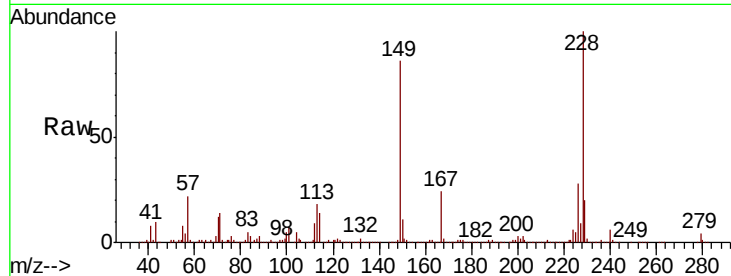
226 28.2 22.6 33.8

229 20.0 16.4 24.6

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#82

3,3'-Dichlorobenzidine

Concen: 63.663 ng

RT: 13.75 min Scan# 1983

Delta R.T. 0.01 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

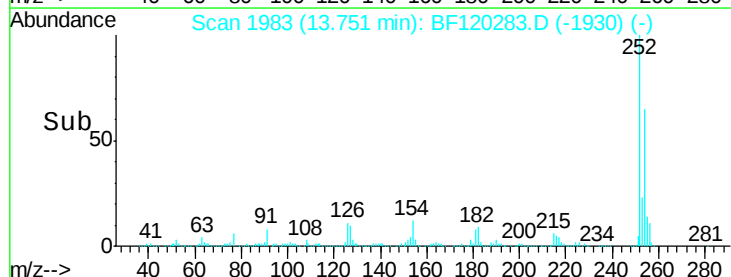
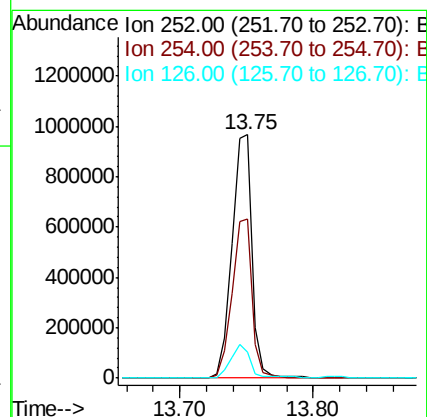
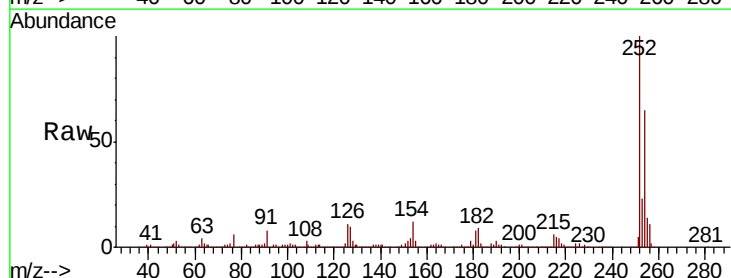
Tgt Ion:252 Resp: 1030406

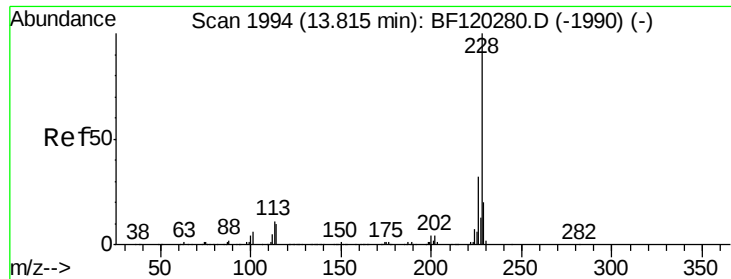
Ion Ratio Lower Upper

252 100

254 65.3 52.6 78.8

126 10.5 10.7 16.1#





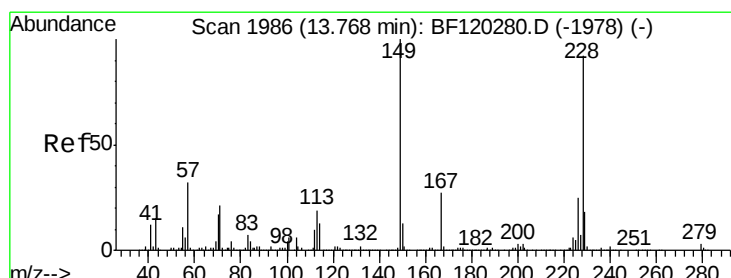
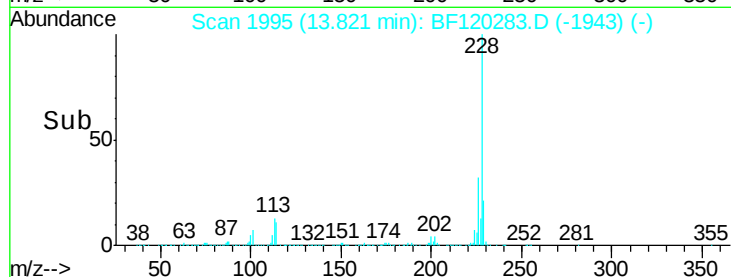
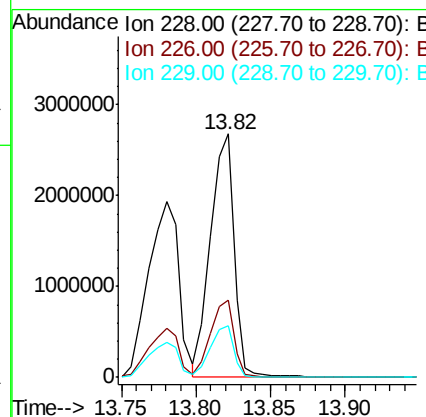
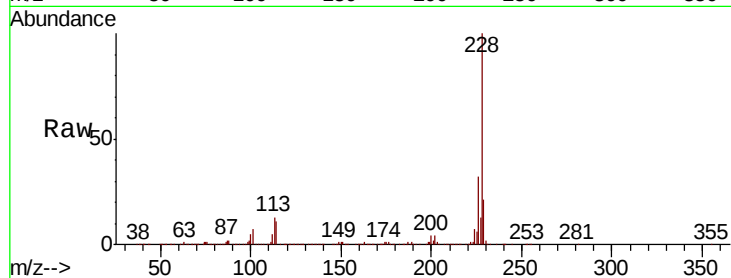
#83
Chrysene
Concen: 60.263 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.01 min
Lab File: BF120283.D
Acq: 14 May 2020 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:228 Resp: 2927639
Ion Ratio Lower Upper
228 100
226 31.5 25.0 37.6
229 21.1 16.2 24.4

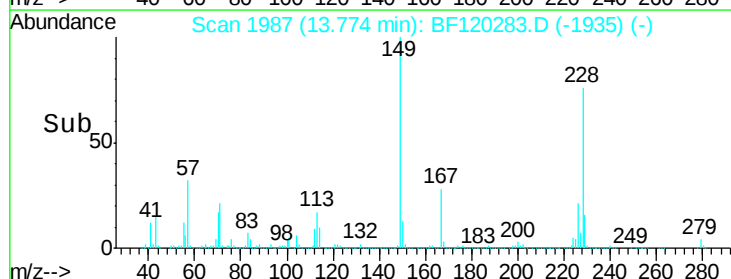
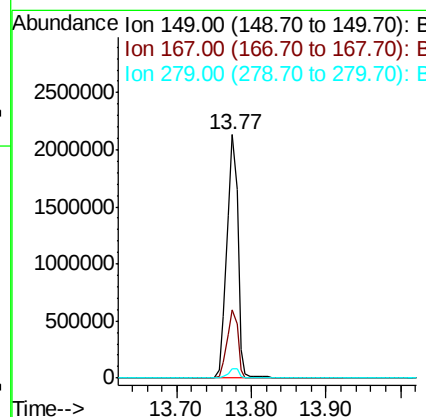
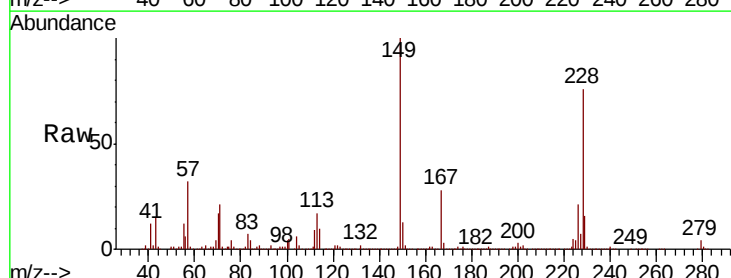
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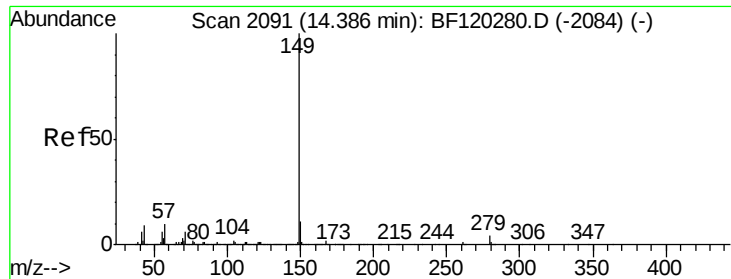
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 62.236 ng
RT: 13.77 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BF120283.D
Acq: 14 May 2020 11:34

Tgt Ion:149 Resp: 2196516
Ion Ratio Lower Upper
149 100
167 28.1 21.8 32.8
279 3.9 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 61.748 ng

RT: 14.39 min Scan# 2091

Delta R.T. 0.00 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 4032525

Ion Ratio Lower Upper

149 100

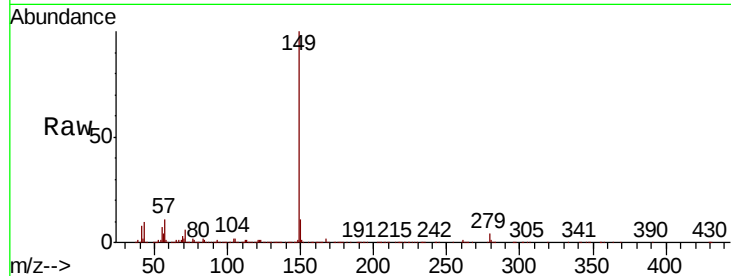
167 1.7 1.3 1.9

43 9.9 7.5 11.3

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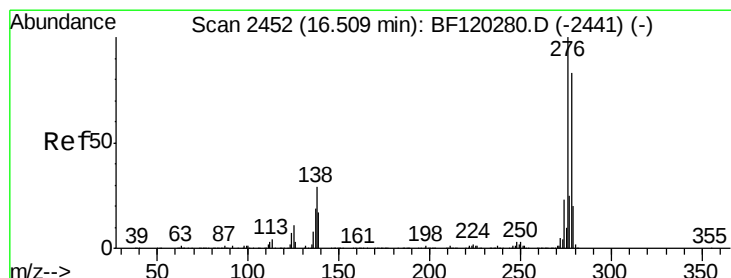
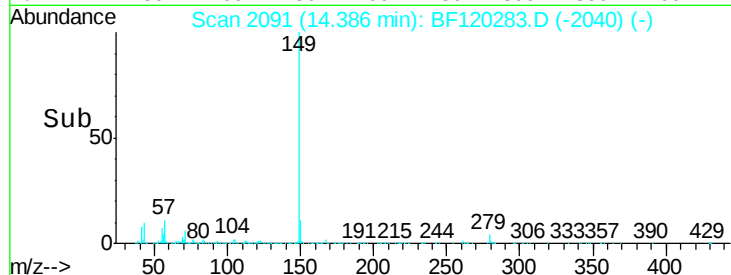
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

14.39

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 70.003 ng

RT: 16.52 min Scan# 2454

Delta R.T. 0.01 min

Lab File: BF120283.D

Acq: 14 May 2020 11:34

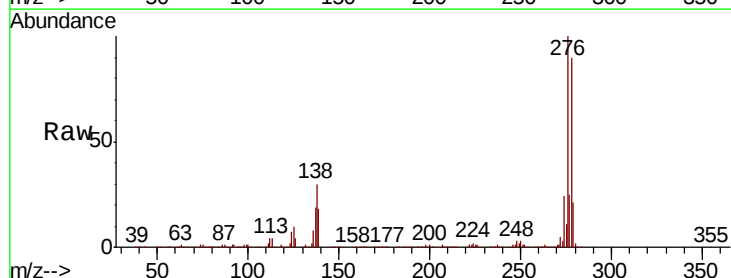
Tgt Ion:276 Resp: 3126149

Ion Ratio Lower Upper

276 100

138 28.8 23.3 34.9

277 25.3 20.2 30.4



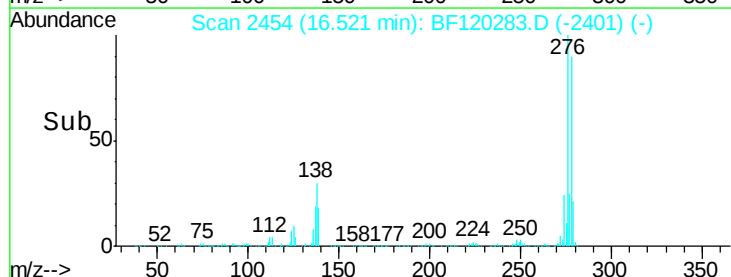
Abundance Ion 276.00 (275.70 to 276.70): E

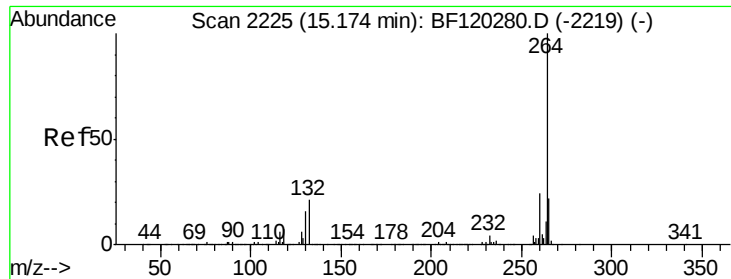
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

16.52

Time-->





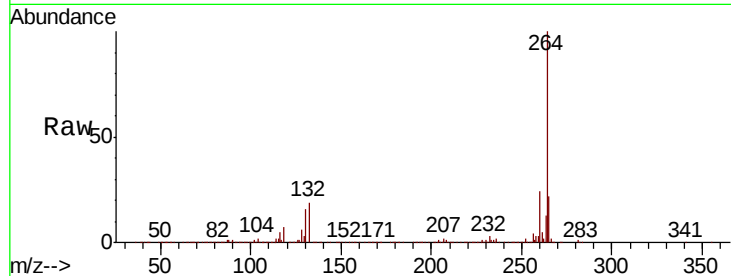
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF120283.D
Acq: 14 May 2020 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

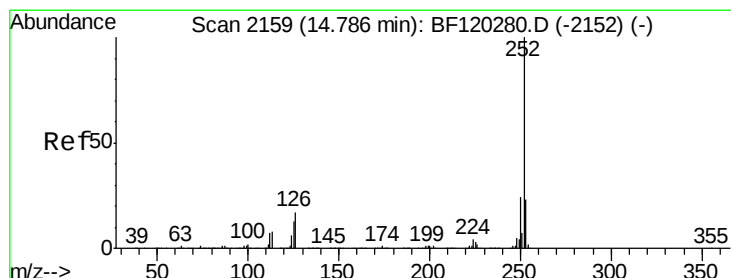
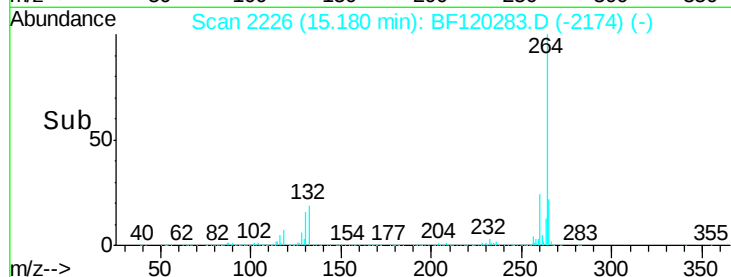
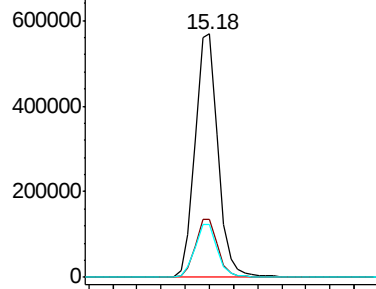
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	21.6	17.5	26.3

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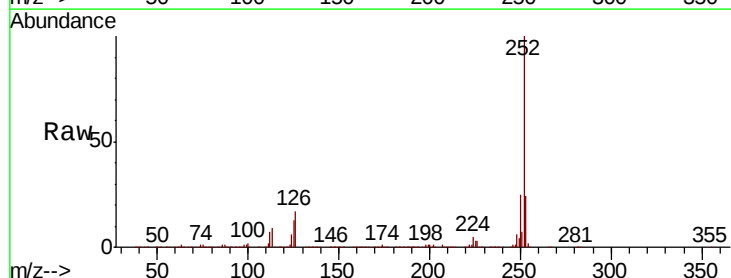


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

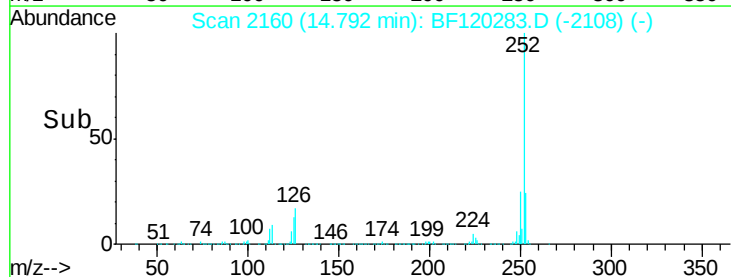
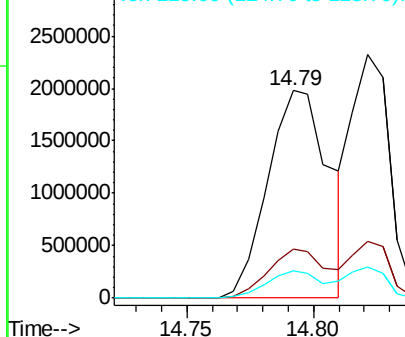


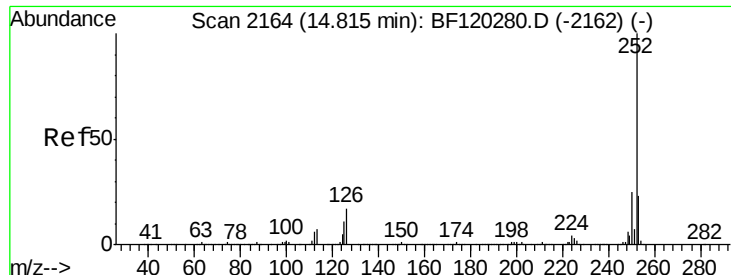
#88
Benzo(b)fluoranthene
Concen: 67.250 ng
RT: 14.79 min Scan# 2160
Delta R.T. 0.01 min
Lab File: BF120283.D
Acq: 14 May 2020 11:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	12.9	10.4	15.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





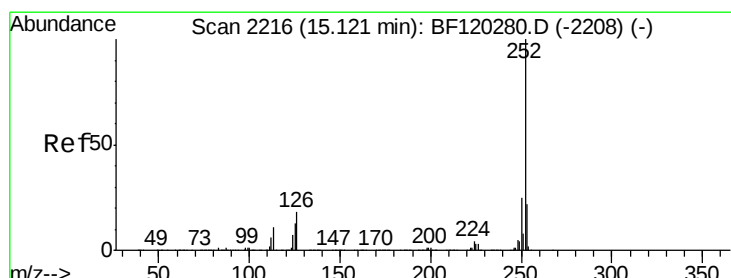
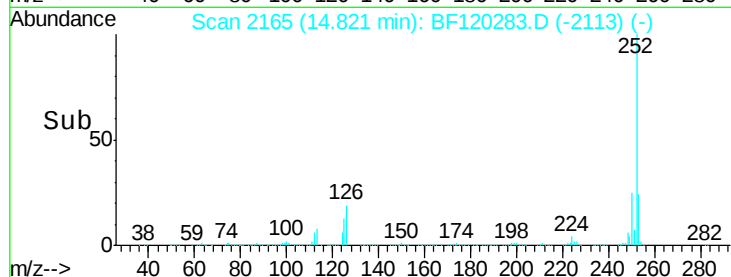
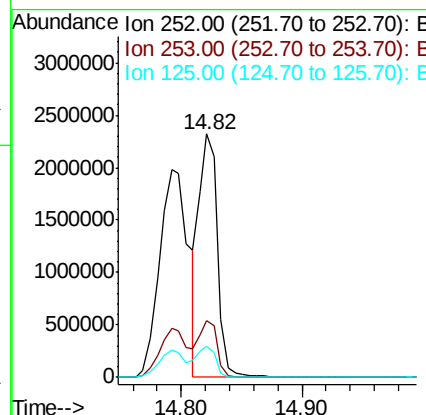
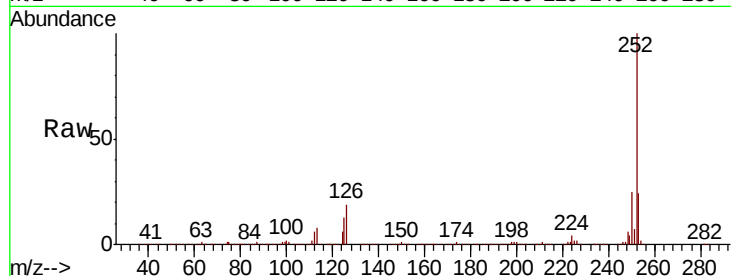
#89
Benzo(k)fluoranthene
Concen: 56.203 ng
RT: 14.82 min Scan# 2165
Delta R.T. 0.01 min
Lab File: BF120283.D
Acq: 14 May 2020 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	12.9	9.9	14.9

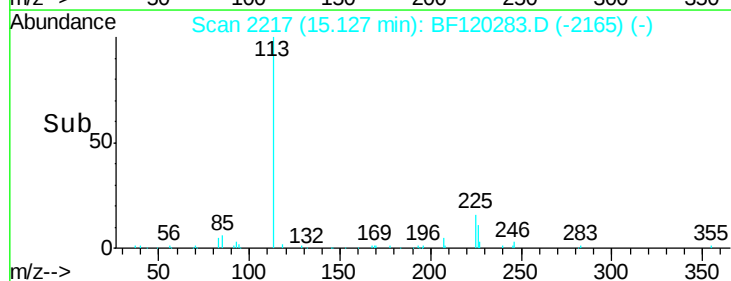
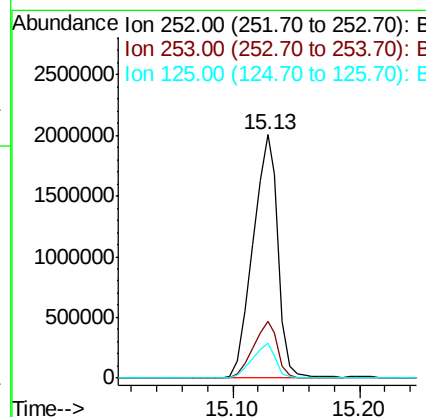
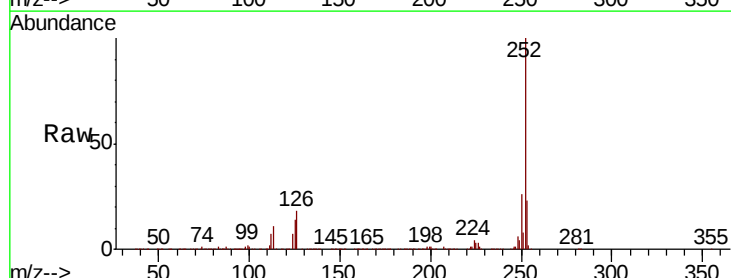
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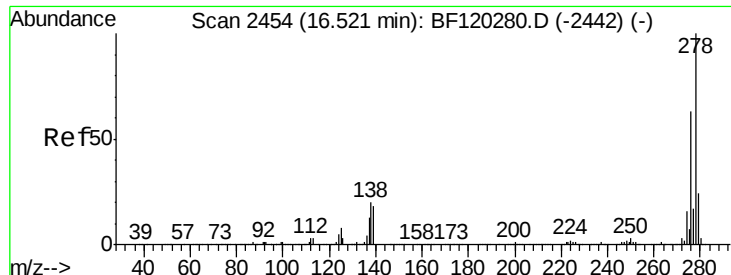
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#90
Benzo(a)pyrene
Concen: 62.721 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF120283.D
Acq: 14 May 2020 11:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	14.3	10.6	16.0





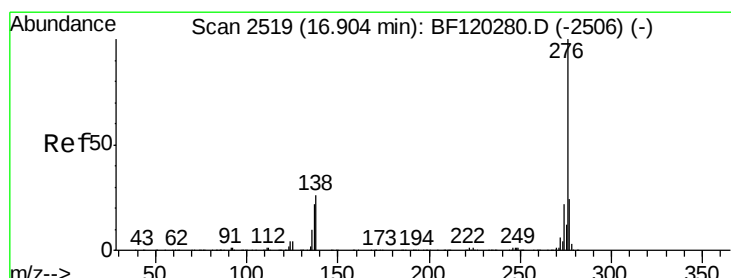
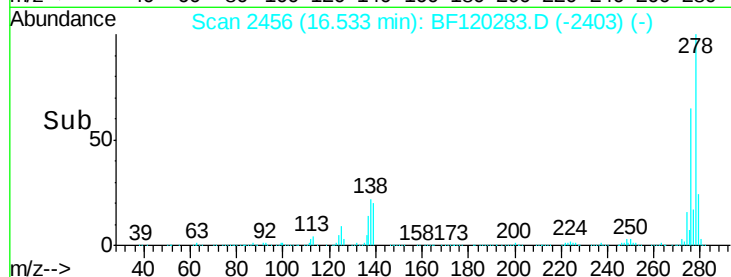
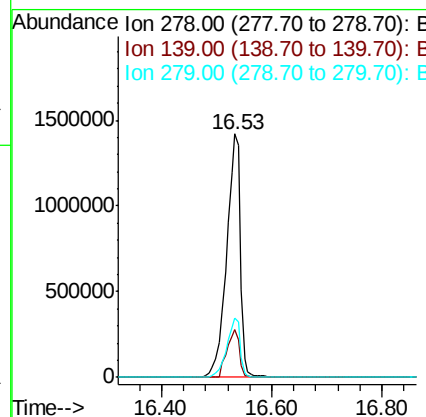
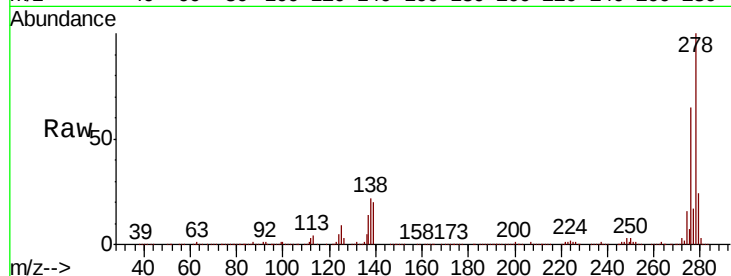
#91
Dibenzo(a,h)anthracene
Concen: 63.059 ng
RT: 16.53 min Scan# 2456
Delta R.T. 0.01 min
Lab File: BF120283.D
Acq: 14 May 2020 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.5	14.7	22.1
279	24.4	19.2	28.8

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#92
Benzo(g,h,i)perylene
Concen: 67.422 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.02 min
Lab File: BF120283.D
Acq: 14 May 2020 11:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	25.4	20.8	31.2

