

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\
 Data File : BF120378.D
 Acq On : 21 May 2020 13:23
 Operator : MA/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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mohammad
 5/22/2020 2:55:42 PM

Quant Time: May 21 14:59:36 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 21 14:56:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	258806	20.00	ng	0.00
21) Naphthalene-d8	7.87	136	987782	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	472347	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	862749	20.00	ng	0.00
76) Chrysene-d12	13.75	240	550786	20.00	ng	0.00
87) Perylene-d12	15.13	264	444782	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1178627	88.61	ng	0.00
7) Phenol-d6	6.25	99	1414300	84.08	ng	0.00
23) Nitrobenzene-d5	7.16	82	1297604	89.94	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	323429	83.98	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2198988	95.64	ng	0.00
79) Terphenyl-d14	12.70	244	2174065	87.20	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.17	88	240787	45.507	ng	# 94
3) Pyridine	2.82	79	769485	46.263	ng	94
4) n-Nitrosodimethylamine	2.79	42	324532	49.830	ng	# 92
6) Aniline	6.26	93	830697	38.616	ng	98
8) 2-Chlorophenol	6.38	128	635578	40.981	ng	97
9) Benzaldehyde	6.13	77	423927	40.882	ng	98
10) Phenol	6.26	94	818321	41.675	ng	91
11) bis(2-Chloroethyl)ether	6.33	93	626528	39.944	ng	98
12) 1,3-Dichlorobenzene	6.53	146	675501	40.704	ng	98
13) 1,4-Dichlorobenzene	6.60	146	703076	41.134	ng	98
14) 1,2-Dichlorobenzene	6.76	146	642670	41.753	ng	99
15) Benzyl Alcohol	6.75	79	515118	43.106	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.87	45	1075438	43.508	ng	76
17) 2-Methylphenol	6.87	107	530550	40.523	ng	94
18) Hexachloroethane	7.10	117	259985	39.928	ng	98
19) n-Nitroso-di-n-propylamine	7.02	70	433340	39.324	ng	94
20) 3+4-Methylphenols	7.03	107	704538	41.390	ng	98
22) Acetophenone	7.02	105	884416	43.705	ng	# 96
24) Nitrobenzene	7.18	77	693349	44.655	ng	96
25) Isophorone	7.42	82	1231675	41.030	ng	98
26) 2-Nitrophenol	7.50	139	351480	43.283	ng	93
27) 2,4-Dimethylphenol	7.55	122	483942	40.968	ng	96
28) bis(2-Chloroethoxy)methane	7.64	93	769571	40.787	ng	99
29) 2,4-Dichlorophenol	7.75	162	509714	42.014	ng	98
30) 1,2,4-Trichlorobenzene	7.82	180	563885	41.943	ng	98
31) Naphthalene	7.90	128	1780320	42.705	ng	100
32) Benzoic acid	7.71	122	324142	41.863	ng	93
33) 4-Chloroaniline	7.96	127	673314	35.440	ng	99
34) Hexachlorobutadiene	8.02	225	322026	41.441	ng	96
35) Caprolactam	8.35	113	149253	37.604	ng	93
36) 4-Chloro-3-methylphenol	8.46	107	534091	40.695	ng	98
37) 2-Methylnaphthalene	8.59	142	1165944	40.869	ng	99
38) 1-Methylnaphthalene	8.69	142	1105640	39.959	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	512107	42.997	ng	100

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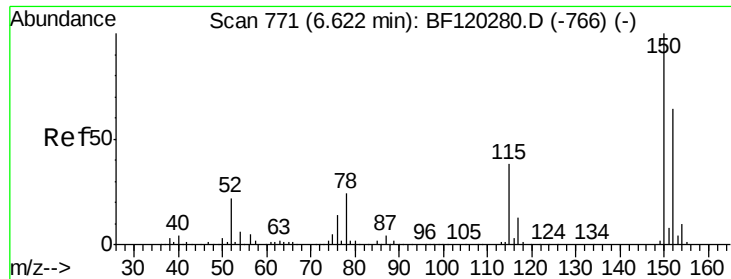
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.74	237	207088	45.285	ng	98
43) 2,4,6-Trichlorophenol	8.88	196	341564	42.723	ng	99
44) 2,4,5-Trichlorophenol	8.93	196	386627	42.110	ng	99
46) 1,1'-Biphenyl	9.06	154	1331162	43.012	ng	99
47) 2-Chloronaphthalene	9.08	162	1075290	43.314	ng	98
48) 2-Nitroaniline	9.19	65	386521	42.672	ng	97
49) Acenaphthylene	9.49	152	1587940	41.874	ng	99
50) Dimethylphthalate	9.37	163	1193691	39.977	ng	99
51) 2,6-Dinitrotoluene	9.43	165	270828	40.639	ng	87
52) Acenaphthene	9.66	154	964385	42.426	ng	99
53) 3-Nitroaniline	9.60	138	291020	36.619	ng	95
54) 2,4-Dinitrophenol	9.72	184	110175m	35.023	ng	
55) Dibenzofuran	9.84	168	1383509	42.266	ng	97
56) 4-Nitrophenol	9.79	139	140998	33.019	ng	98
57) 2,4-Dinitrotoluene	9.83	165	319902	40.921	ng	89
58) Fluorene	10.18	166	1081702	43.391	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.96	232	266341	38.547	ng	96
60) Diethylphthalate	10.06	149	1204546	41.785	ng	99
61) 4-Chlorophenyl-phenylether	10.17	204	535286	41.299	ng	96
62) 4-Nitroaniline	10.22	138	260189	35.159	ng	100
63) Azobenzene	10.33	77	1179309	43.286	ng	94
65) 4,6-Dinitro-2-methylphenol	10.25	198	165050	37.828	ng	93
66) n-Nitrosodiphenylamine	10.30	169	999961	41.894	ng	99
67) 4-Bromophenyl-phenylether	10.66	248	346046	41.334	ng	96
68) Hexachlorobenzene	10.73	284	353561	40.368	ng	94
69) Atrazine	10.83	200	279667	39.157	ng	98
70) Pentachlorophenol	10.93	266	121854	32.712	ng	98
71) Phenanthrene	11.14	178	1548786	42.722	ng	100
72) Anthracene	11.19	178	1638559	42.220	ng	99
73) Carbazole	11.35	167	1531234	42.227	ng	99
74) Di-n-butylphthalate	11.69	149	1971351	45.108	ng	98
75) Fluoranthene	12.32	202	1666304	42.883	ng	98
77) Benzidine	12.46	184	73739	4.585	ng	97
78) Pyrene	12.55	202	1687764	42.983	ng	99
80) Butylbenzylphthalate	13.17	149	767978	41.536	ng	99
81) Benzo(a)anthracene	13.74	228	1188994	40.929	ng	99
82) 3,3'-Dichlorobenzidine	13.71	252	402533	36.769	ng	# 97
83) Chrysene	13.78	228	1281781	41.090	ng	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	958820	41.681	ng	99
85) Di-n-octyl phthalate	14.35	149	1645260	39.756	ng	98
86) Indeno(1,2,3-cd)pyrene	16.44	276	1006958	35.566	ng	98
88) Benzo(b)fluoranthene	14.75	252	1013232	41.713	ng	98
89) Benzo(k)fluoranthene	14.77	252	1002656	47.644	ng	100
90) Benzo(a)pyrene	15.08	252	916271	42.061	ng	98
91) Dibenzo(a,h)anthracene	16.46	278	827806	42.894	ng	97
92) Benzo(g,h,i)perylene	16.83	276	819429	42.106	ng	98

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



#1

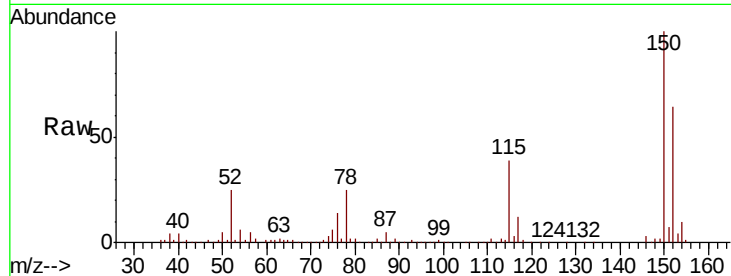
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.2	189.2
115	61.5	47.9	71.9

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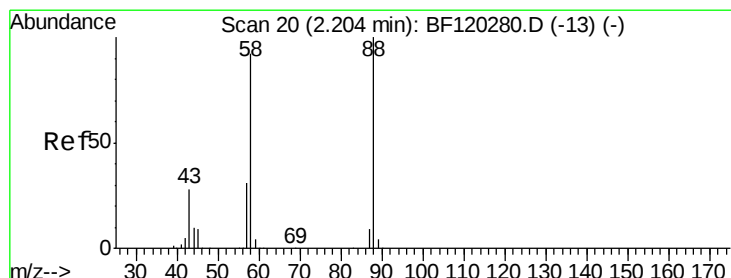
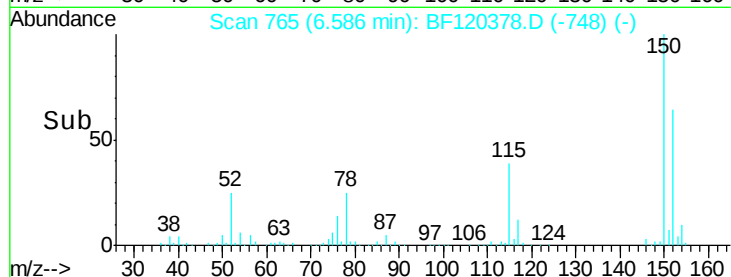
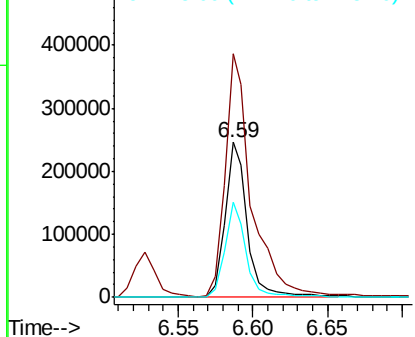


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

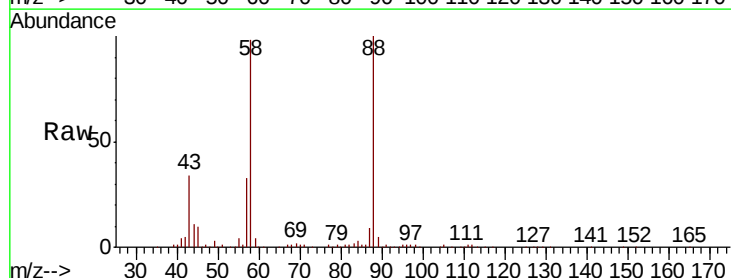
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 45.507 ng
RT: 2.17 min Scan# 14
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.7	75.8	113.6
43	38.4	23.6	35.4

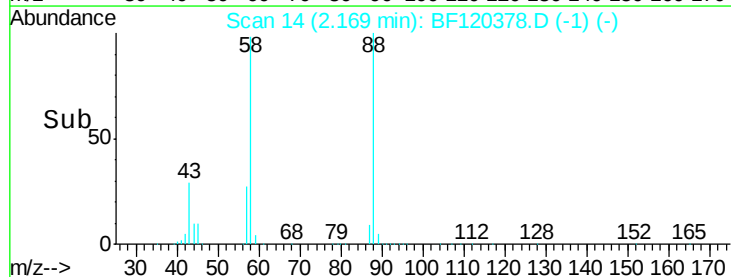
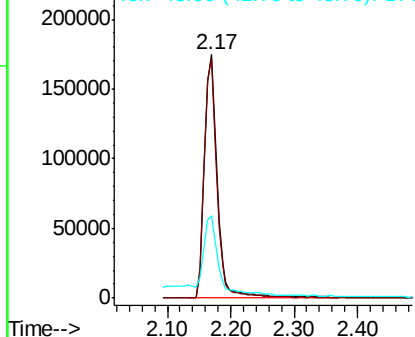


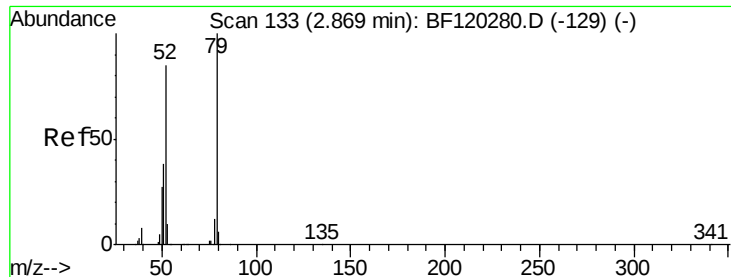
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





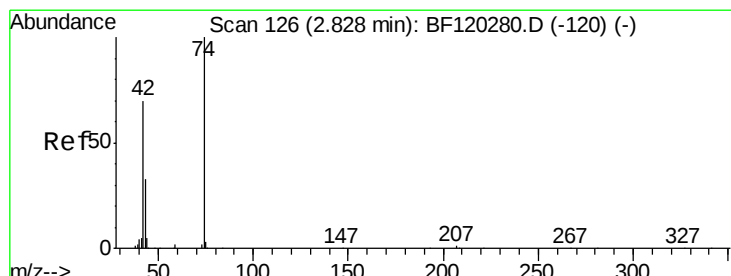
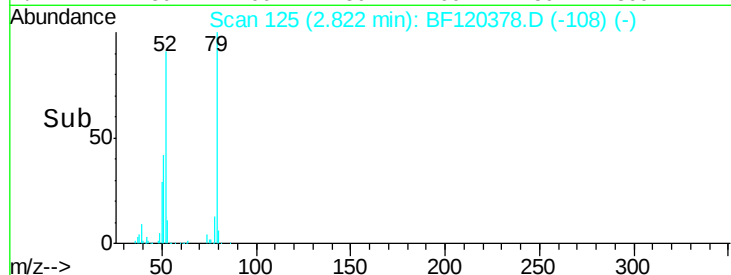
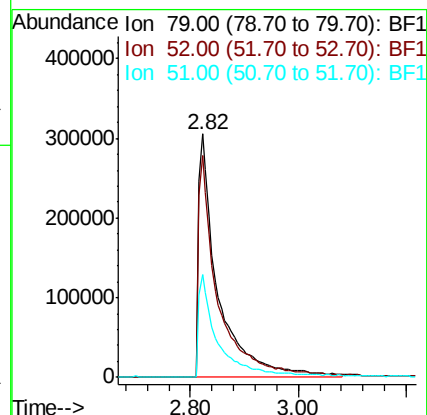
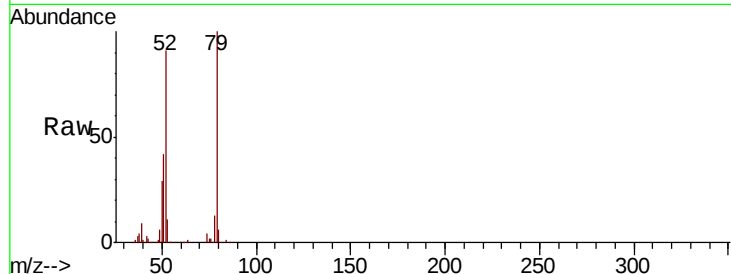
#3
 Pvridine
 Concen: 46.263 ng
 RT: 2.82 min Scan# 125
 Delta R.T. 0.00 min
 Lab File: BF120378.D
 Acq: 21 May 2020 13:23

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100			
52	52	91.2	68.4	102.6	
51	51	42.3	31.0	46.4	

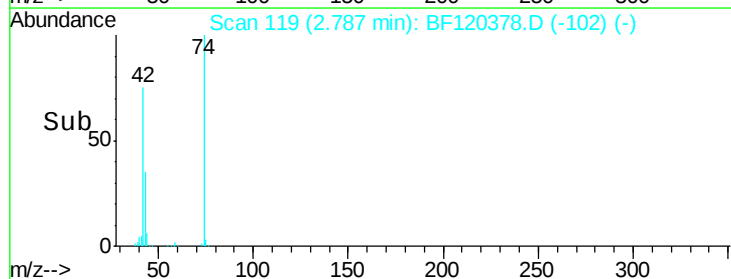
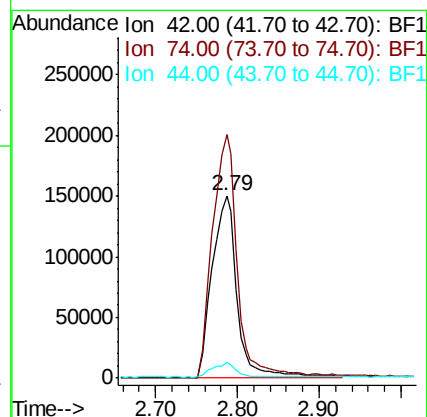
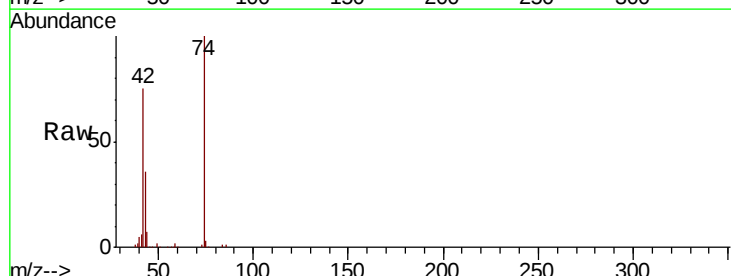
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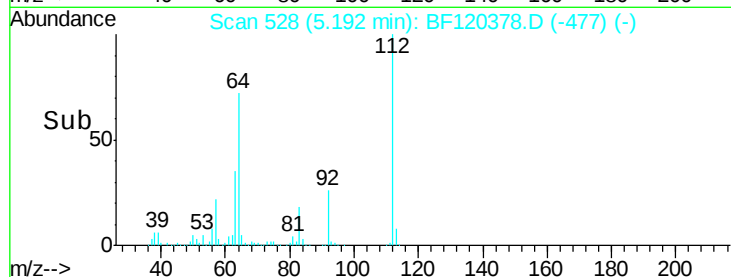
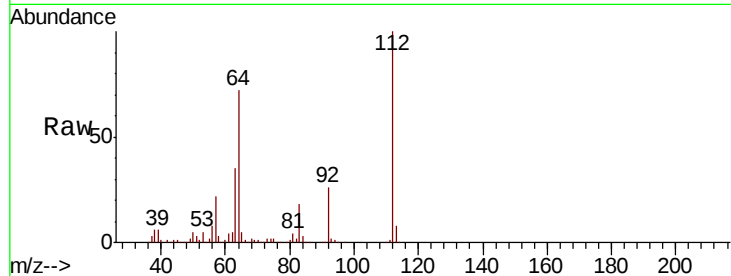
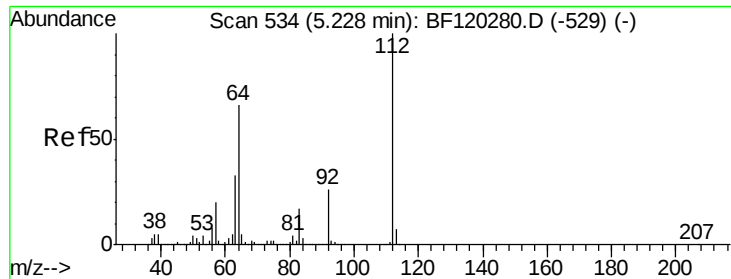
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#4
 n-Nitrosodimethylamine
 Concen: 49.830 ng
 RT: 2.79 min Scan# 119
 Delta R.T. 0.00 min
 Lab File: BF120378.D
 Acq: 21 May 2020 13:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100			
74	74	133.7	114.8	172.2	
44	44	8.8	5.6	8.4	





#5

2-Fluorophenol

Concen: 88.609 ng

RT: 5.19 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF120378.D

Acq: 21 May 2020 13:23

Tot Ion:	112	Resp:	1178627
Ion	Ratio	Lower	Upper
112	100		
64	72.1	52.7	79.1
63	35.5	26.2	39.4

Instrument :

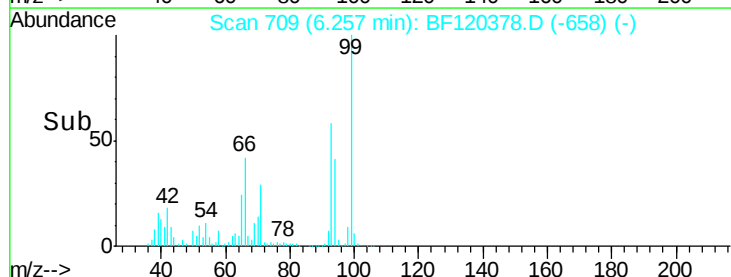
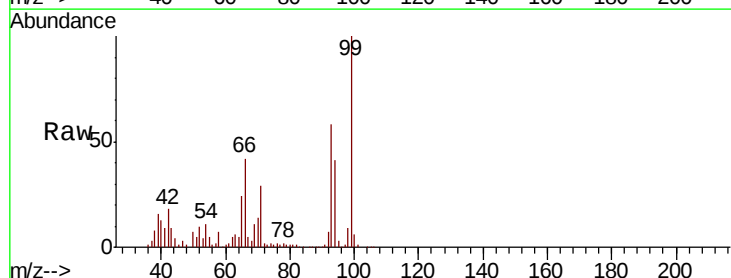
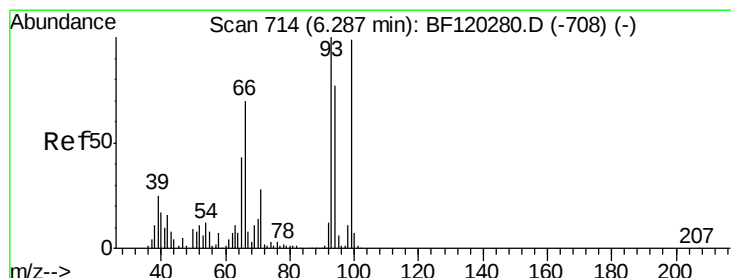
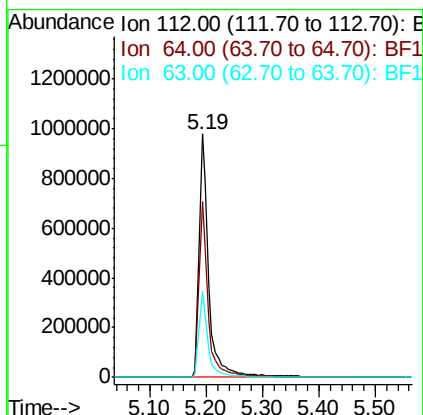
BNA_F

ClientSampleId :

SSTDCCC040

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#6

Aniline

Concen: 38.616 ng

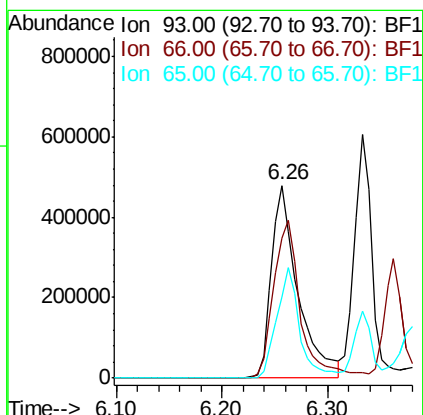
RT: 6.26 min Scan# 709

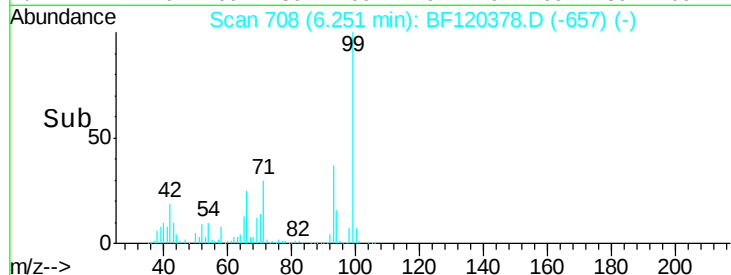
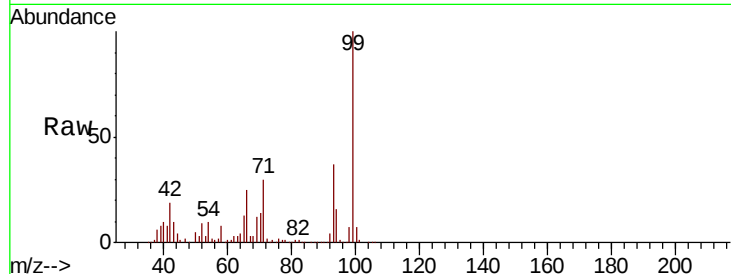
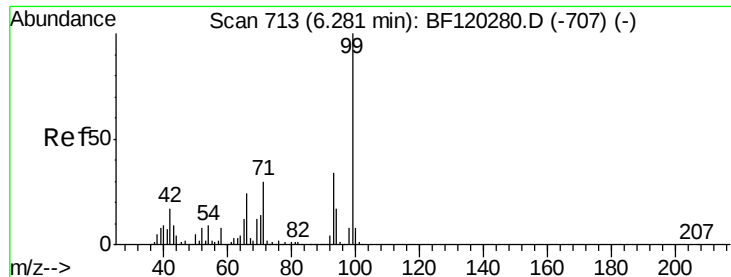
Delta R.T. 0.00 min

Lab File: BF120378.D

Acq: 21 May 2020 13:23

Tgt Ion:	93	Resp:	830697
Ion	Ratio	Lower	Upper
93	100		
66	72.5	56.2	84.4
65	41.8	34.2	51.2





#7

Phenol-d6

Concen: 84.080 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF120378.D

Acq: 21 May 2020 13:23

Tot Ion: 99 Resp: 1414300

Ion Ratio Lower Upper

99 100

42 18.7 13.6 20.4

71 30.4 24.2 36.4

Instrument :

BNA_F

ClientSampleId :

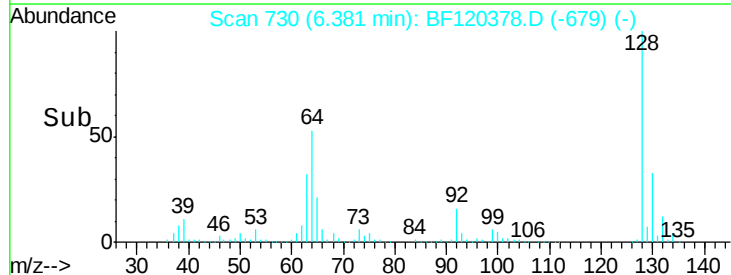
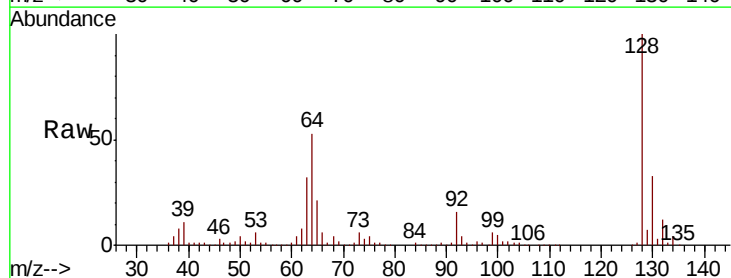
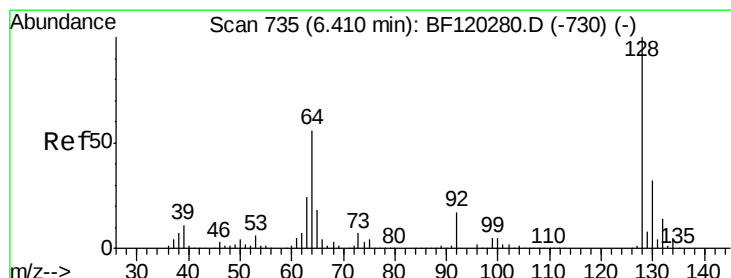
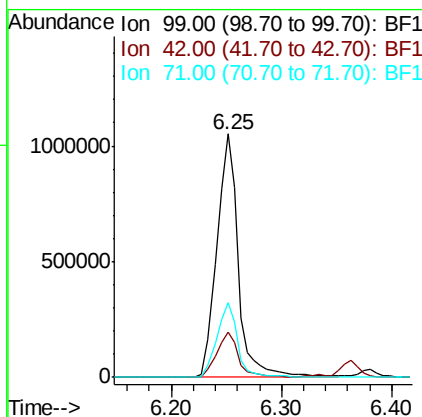
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#8

2-Chlorophenol

Concen: 40.981 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF120378.D

Acq: 21 May 2020 13:23

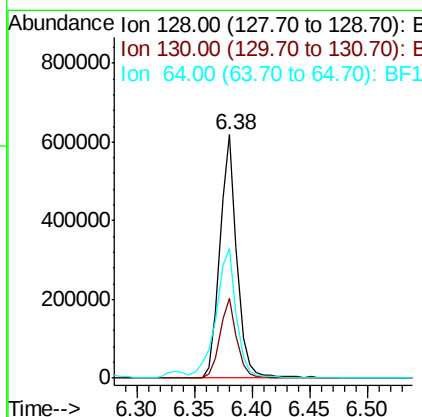
Tgt Ion:128 Resp: 635578

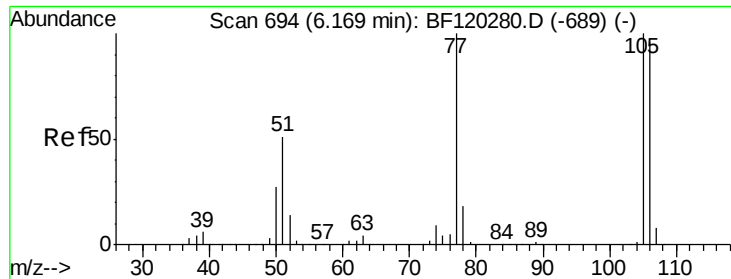
Ion Ratio Lower Upper

128 100

130 32.9 12.4 52.4

64 53.4 36.7 76.7





#9

Benzaldehyde

Concen: 40.882 ng

RT: 6.13 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF120378.D

Acq: 21 May 2020 13:23

Instrument :

BNA_F

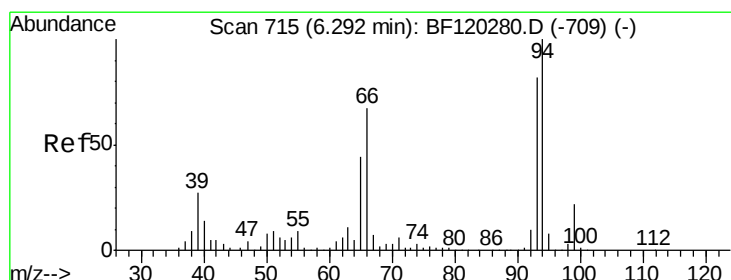
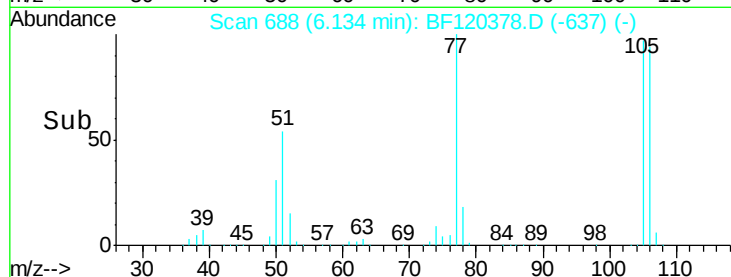
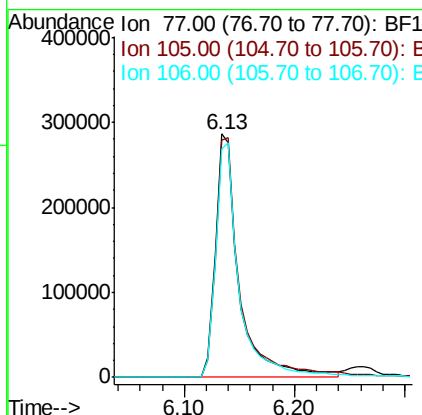
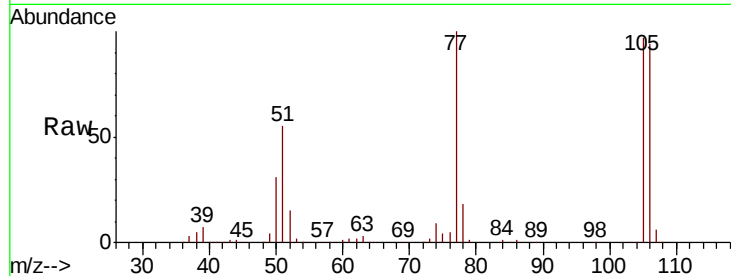
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	423927
Ion	Ratio	Lower	Upper
77	100		
105	97.4	79.9	119.9
106	93.6	75.7	115.7

Manual Integrations
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#10

Phenol

Concen: 41.675 ng

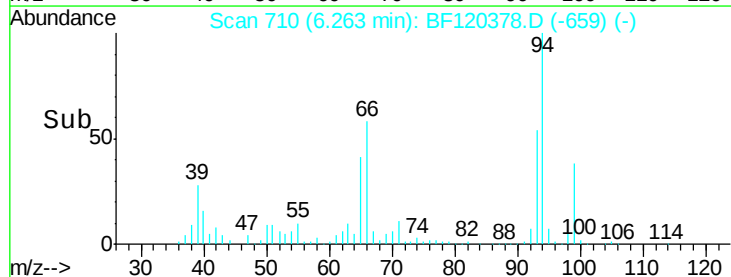
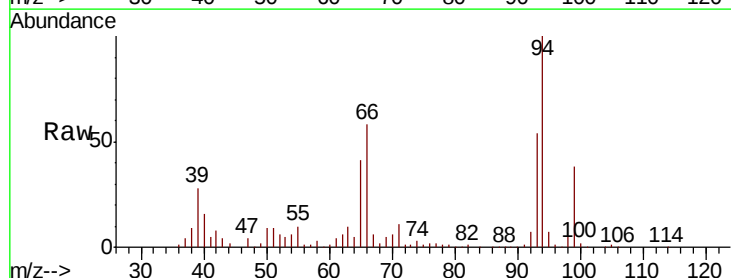
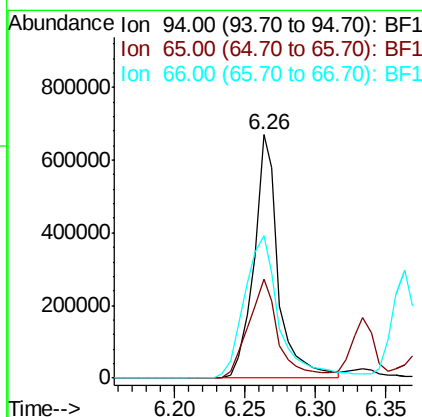
RT: 6.26 min Scan# 710

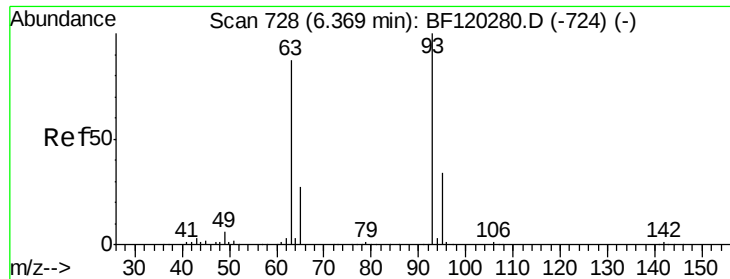
Delta R.T. 0.00 min

Lab File: BF120378.D

Acq: 21 May 2020 13:23

Tgt Ion:	94	Resp:	818321
Ion	Ratio	Lower	Upper
94	100		
65	40.9	24.1	64.1
66	58.4	47.5	87.5





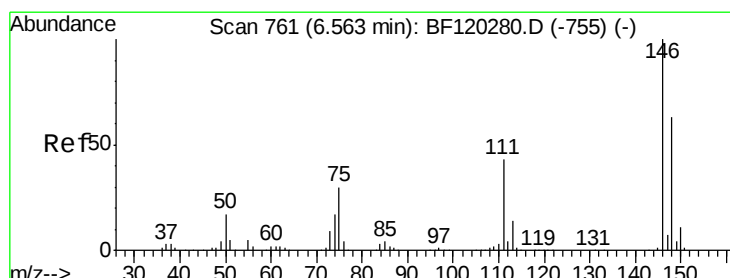
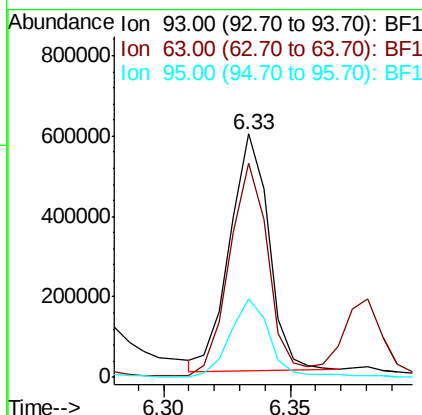
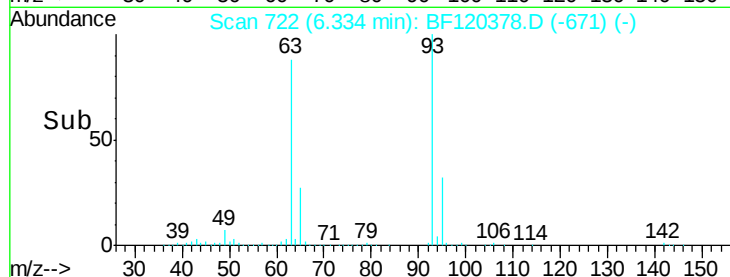
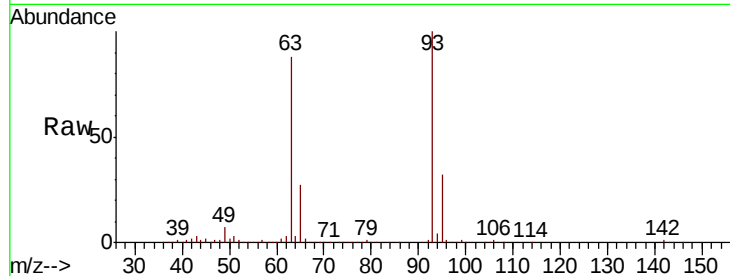
#11
 bis(2-Chloroethyl)ether
 Concen: 39.944 ng
 RT: 6.33 min Scan# 722
 Delta R.T. 0.00 min
 Lab File: BF120378.D
 Acq: 21 May 2020 13:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	93	Resp:	626528
Ion Ratio	Lower	Upper	
93	100		
63	88.0	65.4	105.4
95	32.4	12.9	52.9

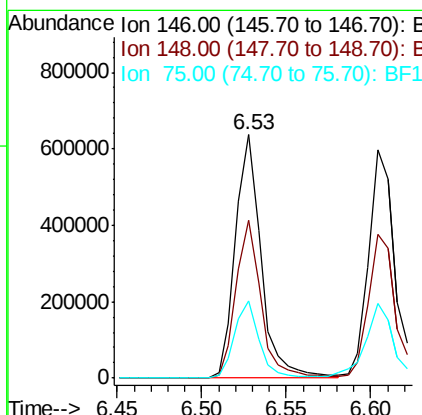
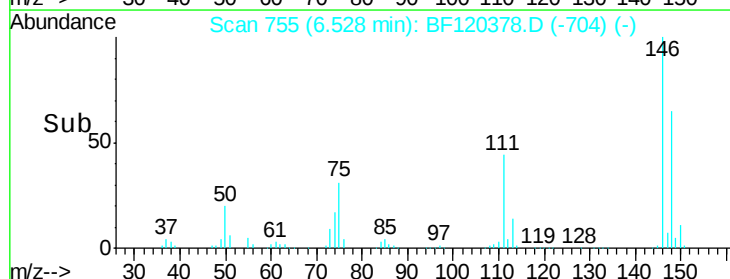
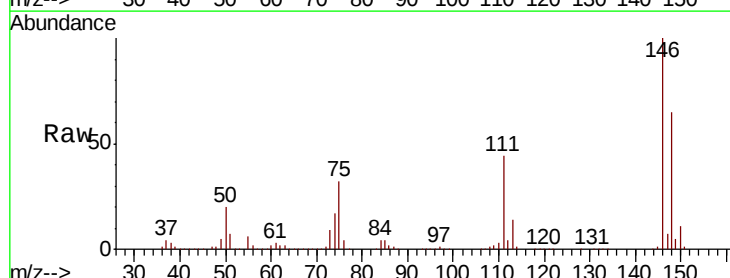
Manual Integrations
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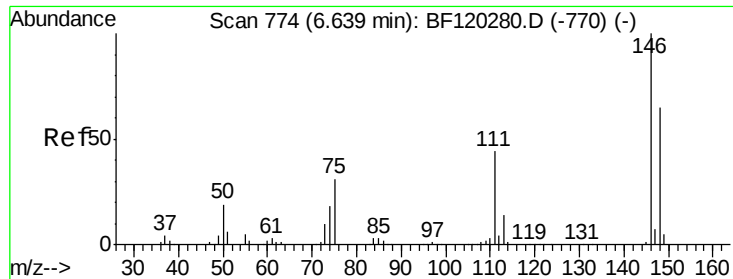
mohammad
 5/22/2020 2:55:42 PM



#12
 1,3-Dichlorobenzene
 Concen: 40.704 ng
 RT: 6.53 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF120378.D
 Acq: 21 May 2020 13:23

Tgt Ion:	146	Resp:	675501
Ion Ratio	Lower	Upper	
146	100		
148	64.7	50.5	75.7
75	31.6	24.2	36.4





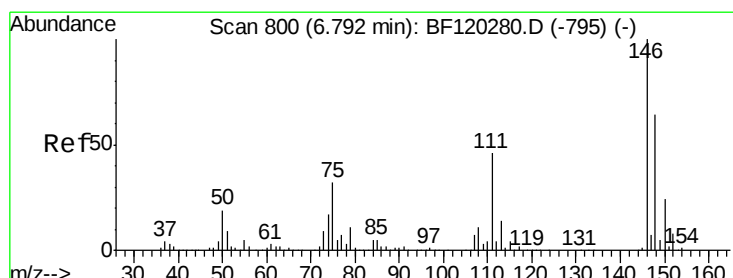
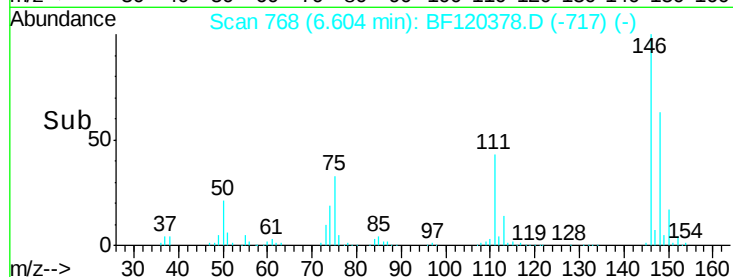
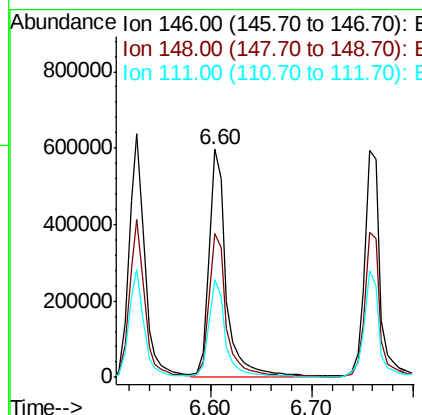
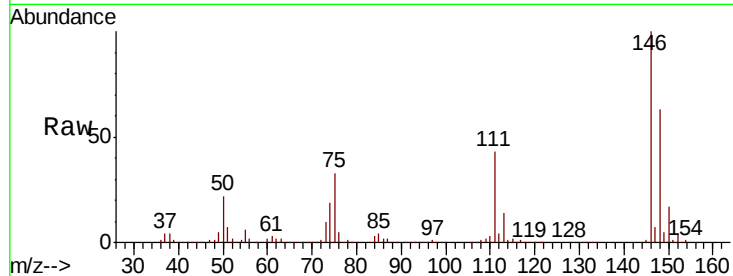
#13
 1,4-Dichlorobenzene
 Concen: 41.134 ng
 RT: 6.60 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF120378.D
 Acq: 21 May 2020 13:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.6	77.4
111	43.1	35.1	52.7

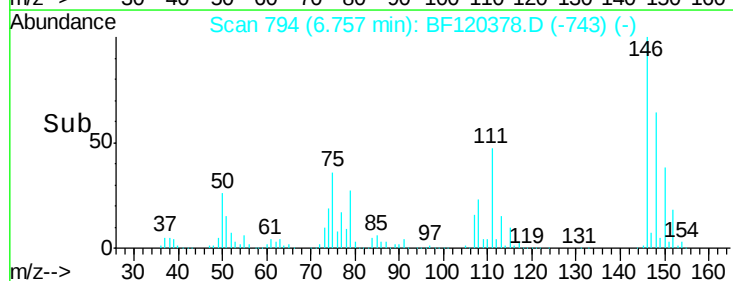
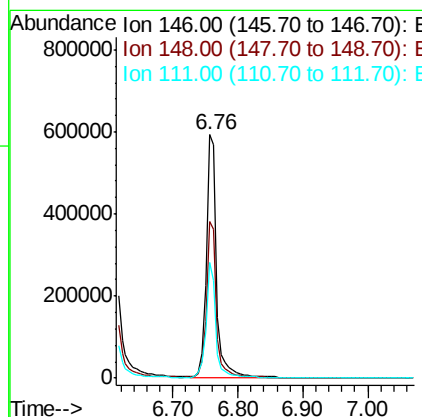
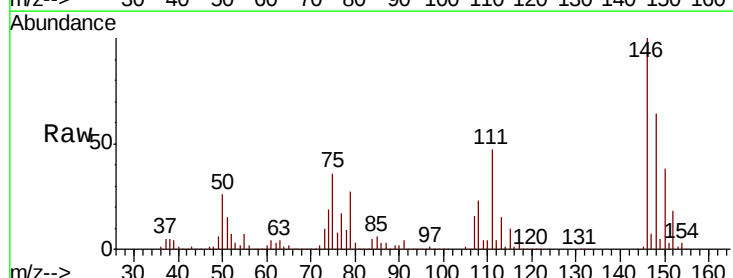
Manual Integrations
 APPROVED

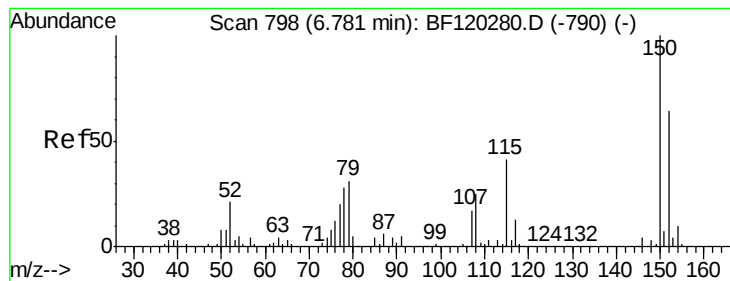
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 41.753 ng
 RT: 6.76 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF120378.D
 Acq: 21 May 2020 13:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.1	76.7
111	47.2	36.6	55.0





#15

Benzyl Alcohol

Concen: 43.106 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF120378.D

Acq: 21 May 2020 13:23

Instrument :

BNA_F

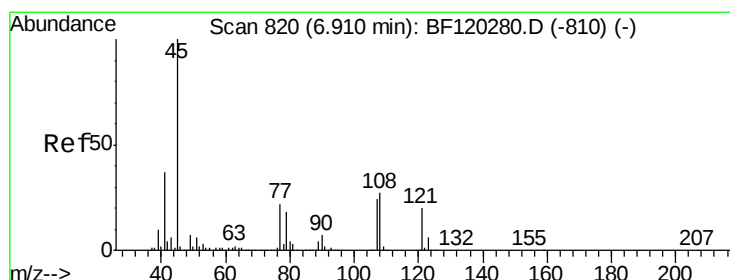
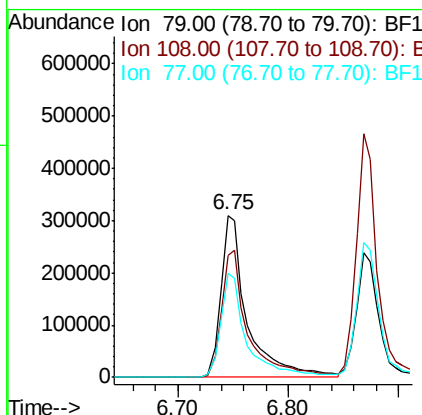
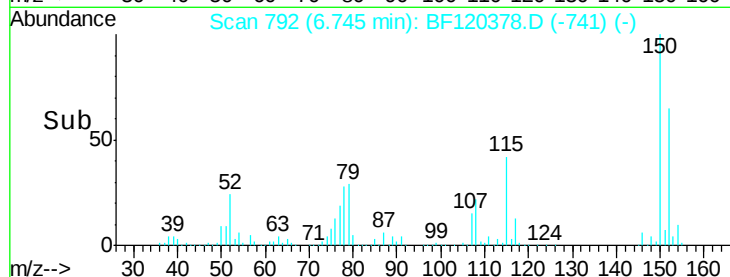
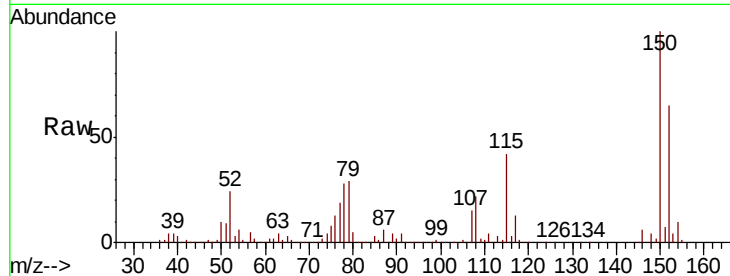
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	515118
Ion Ratio	Lower	Upper	
79	100		
108	75.1	64.2	96.4
77	64.3	51.6	77.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.508 ng

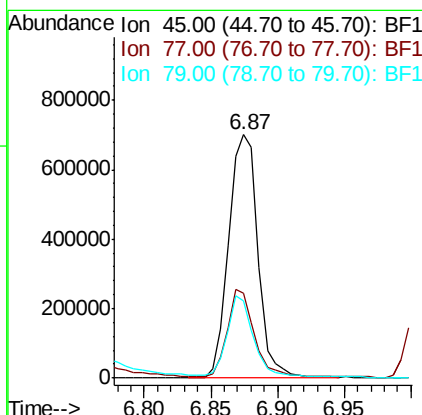
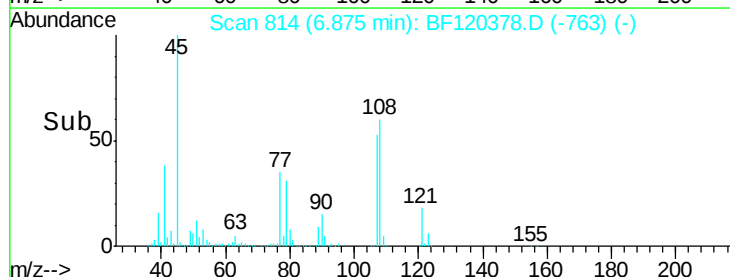
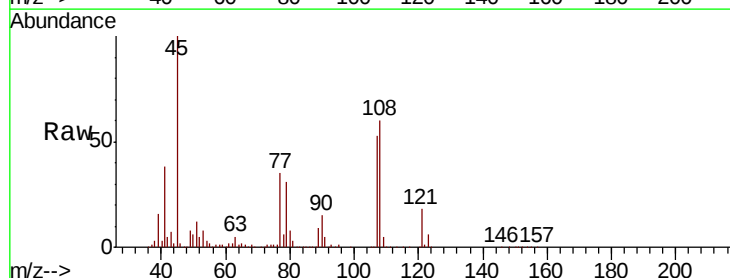
RT: 6.87 min Scan# 814

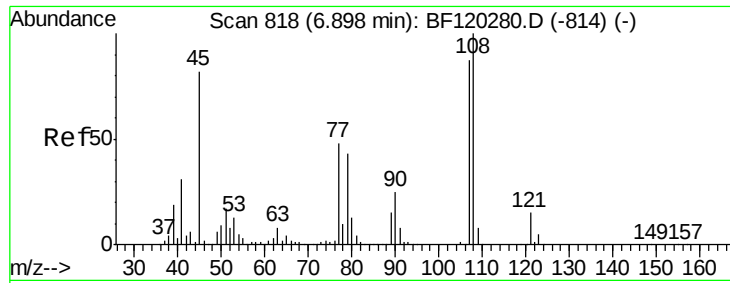
Delta R.T. 0.00 min

Lab File: BF120378.D

Acq: 21 May 2020 13:23

Tgt Ion:	45	Resp:	1075438
Ion Ratio	Lower	Upper	
45	100		
77	34.7	3.1	43.1
79	31.5	0.0	40.0





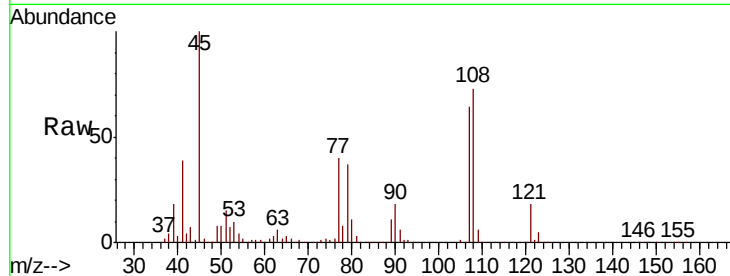
#17
2-Methylphenol
Concen: 40.523 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.8	92.4	138.6	
77	62.8	44.5	66.7	
79	57.9	40.4	60.6	

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Abundance

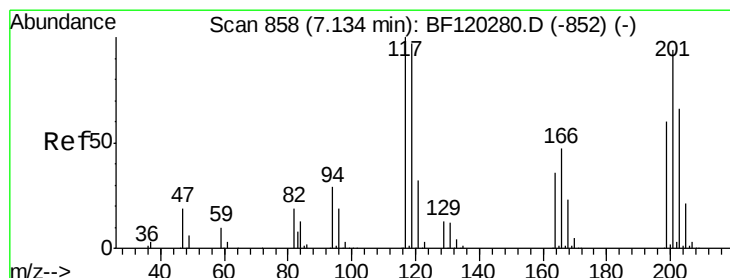
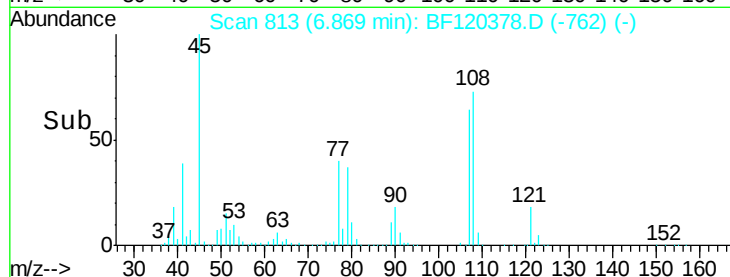
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

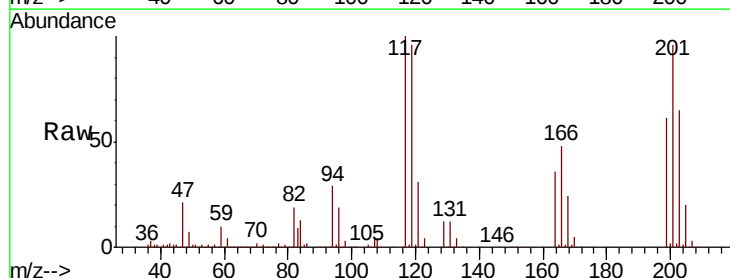
Ion 79.00 (78.70 to 79.70): BF1

Time-->



#18
Hexachloroethane
Concen: 39.928 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.6	77.4	116.0	
201	95.7	74.9	112.3	



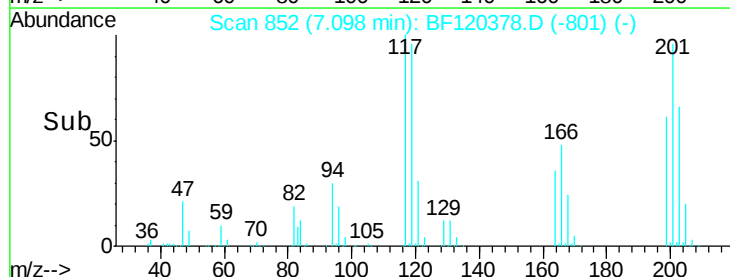
Abundance

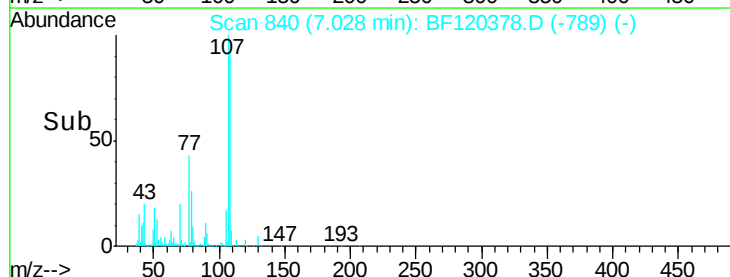
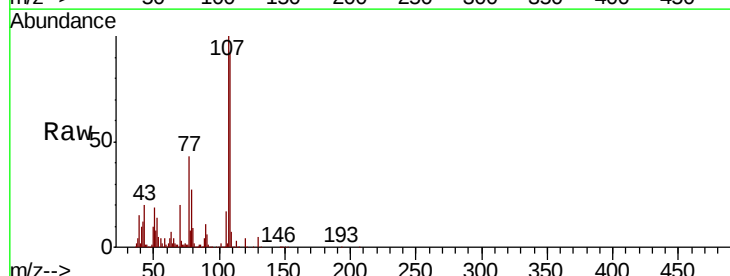
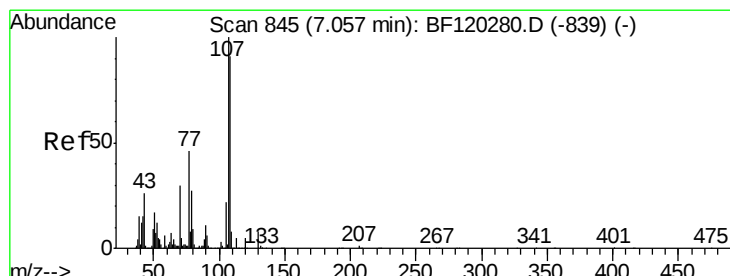
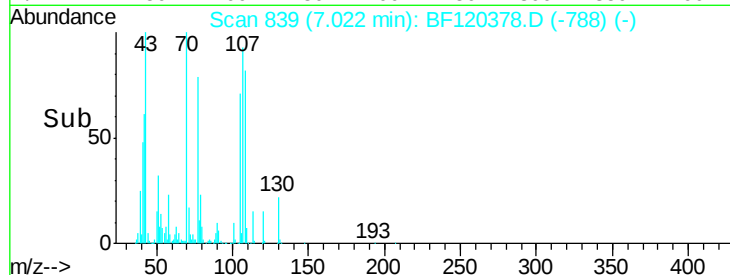
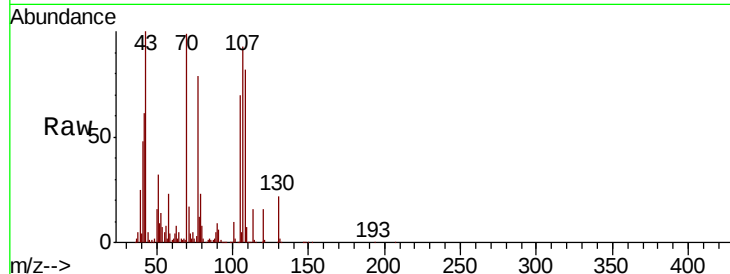
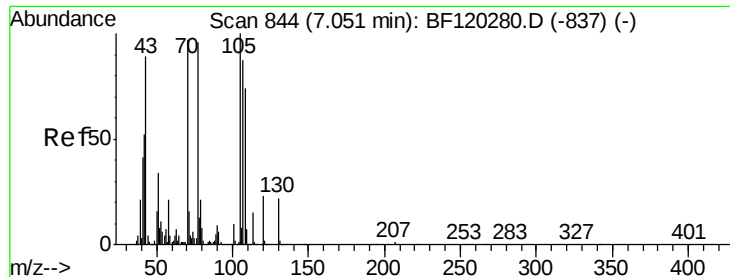
Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->





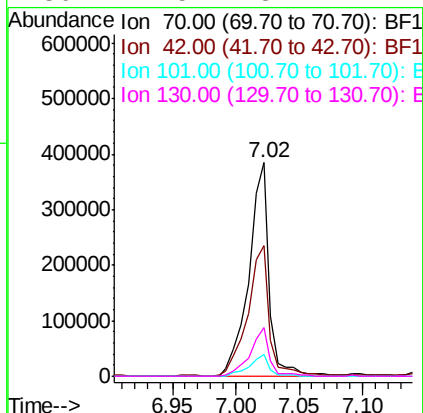
#19
n-Nitroso-di-n-propylamine
Concen: 39.324 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.3	43.4	65.0	
101	10.1	7.8	11.8	
130	22.5	18.2	27.4	

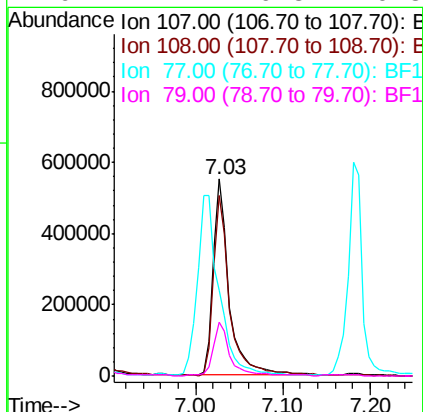
Manual Integrations
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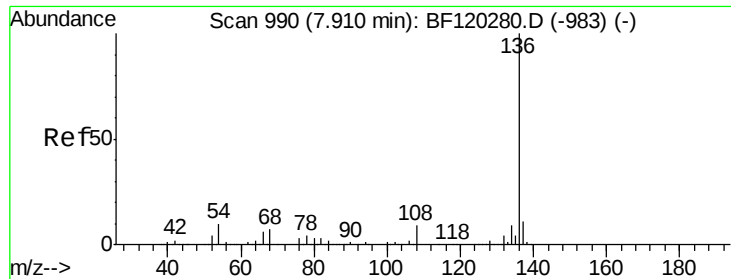
mohammad
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#20
3+4-Methylphenols
Concen: 41.390 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.6	71.1	111.1	
77	43.3	28.1	68.1	
79	27.1	6.8	46.8	





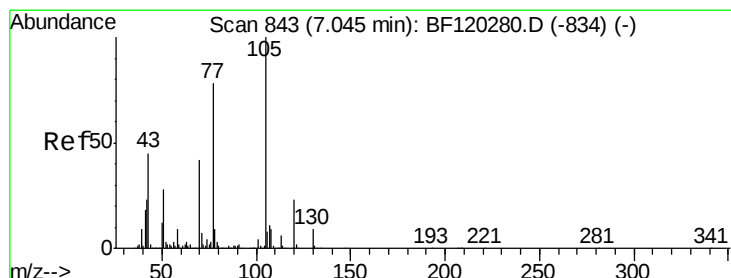
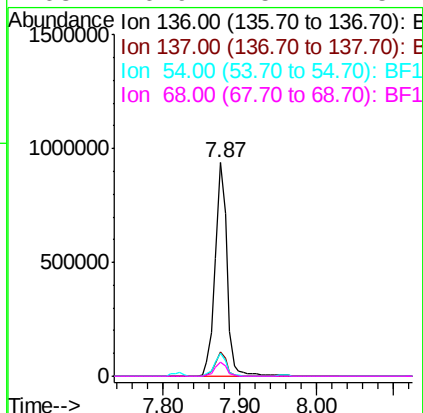
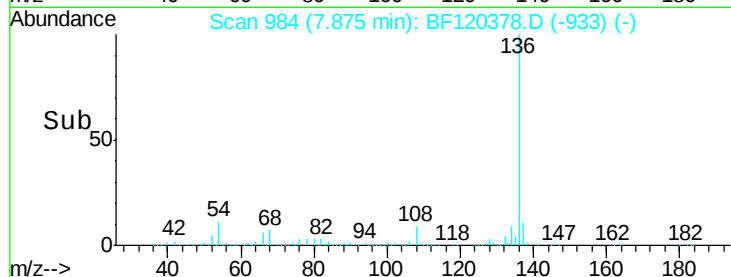
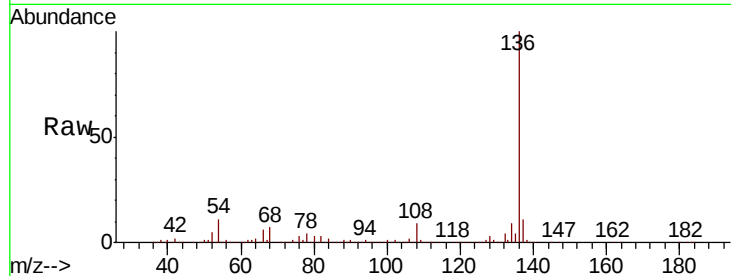
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	987782		
137	11.1		9.1	13.7
54	10.8		7.9	11.9
68	6.9		5.4	8.2

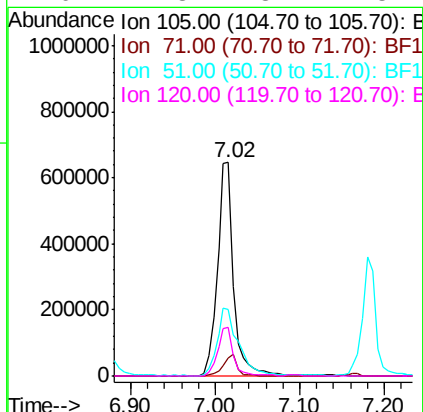
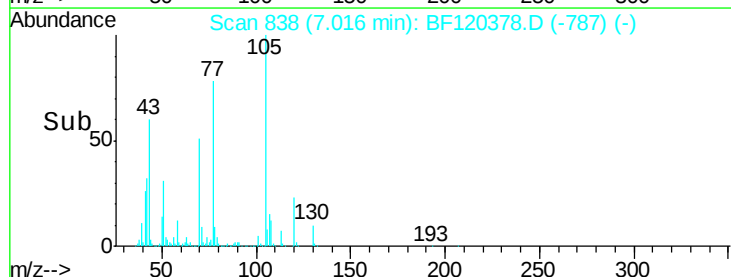
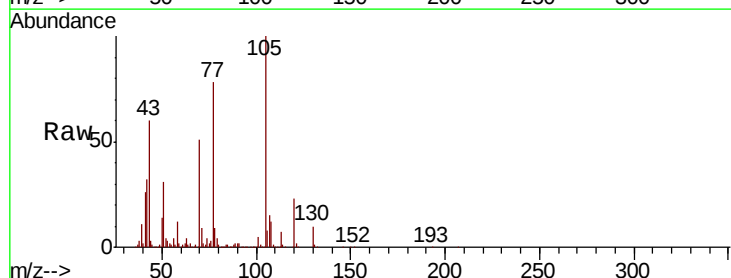
Manual Integrations
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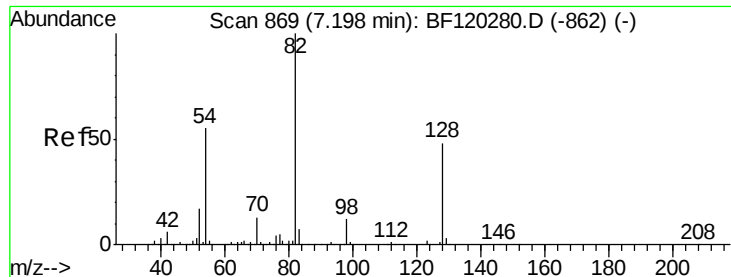
mohammad
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#22
Acetophenone
Concen: 43.705 ng
RT: 7.02 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	884416		
71	8.6		5.6	8.4#
51	31.1		22.6	34.0
120	22.8		18.7	28.1





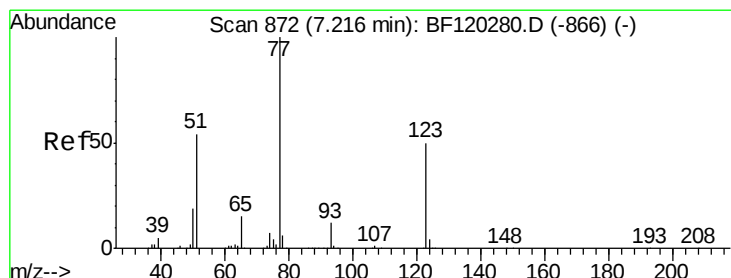
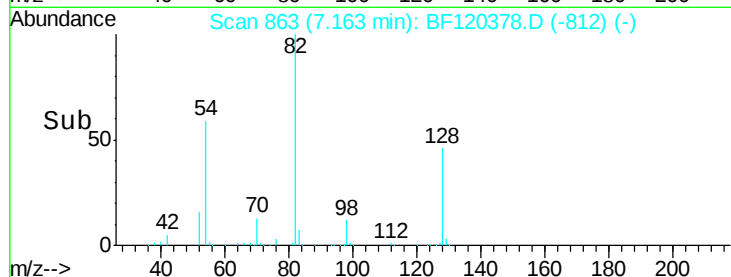
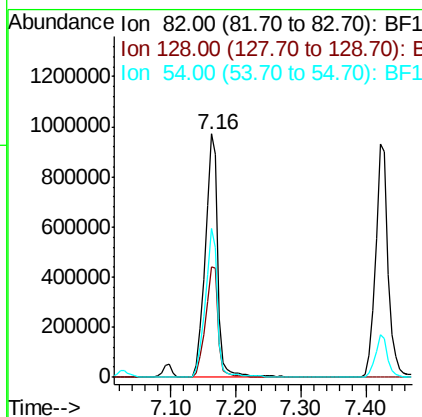
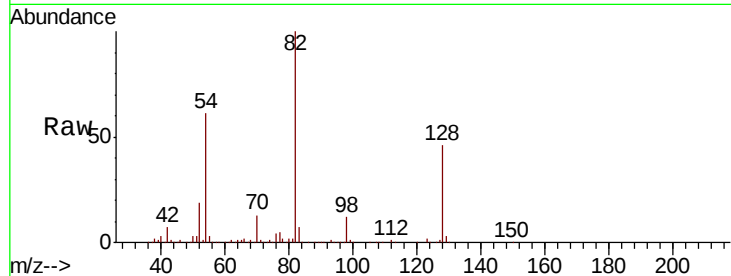
#23
 Nitrobenzene-d5
 Concen: 89.941 ng
 RT: 7.16 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: BF120378.D
 Acq: 21 May 2020 13:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	1297604
Ion	Ratio	Lower	Upper
82	100		
128	45.6	38.3	57.5
54	61.0	43.9	65.9

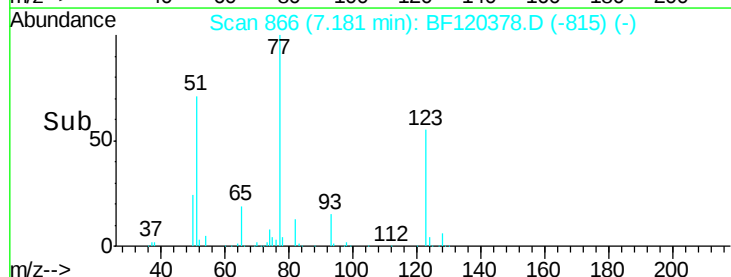
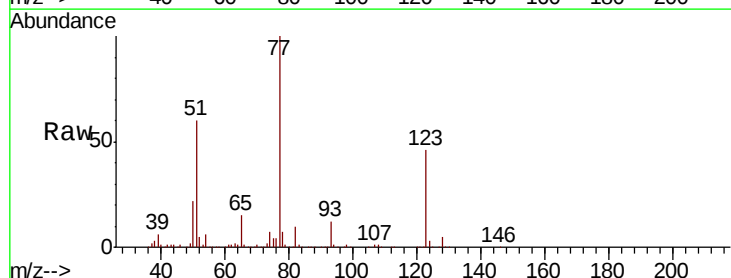
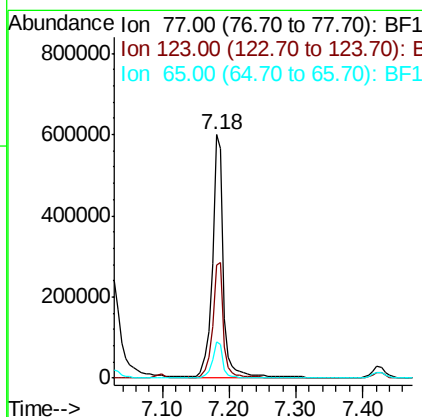
Manual Integrations
 APPROVED

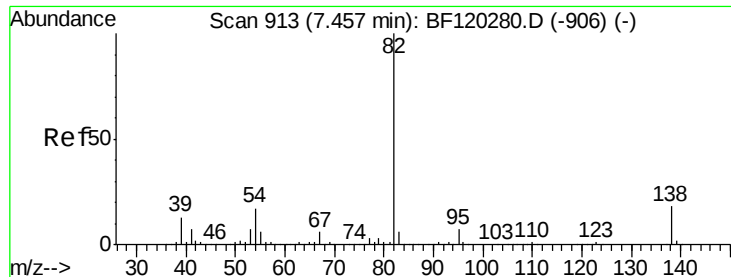
mohammad
 5/22/2020 2:55:42 PM



#24
 Nitrobenzene
 Concen: 44.655 ng
 RT: 7.18 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: BF120378.D
 Acq: 21 May 2020 13:23

Tgt Ion	77	Resp	693349
Ion	Ratio	Lower	Upper
77	100		
123	46.4	40.0	60.0
65	15.1	11.7	17.5





#25

Isophorone

Concen: 41.030 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF120378.D

Acq: 21 May 2020 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1231675

Ion Ratio Lower Upper

82 100

95 6.4 5.4 8.0

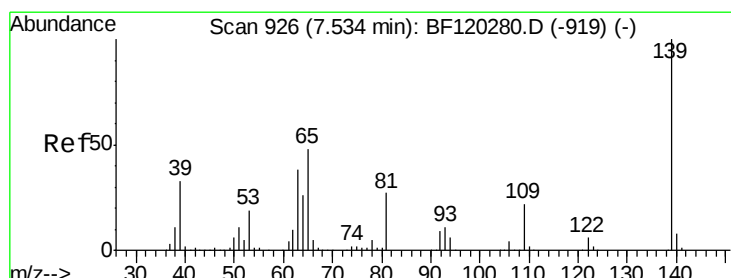
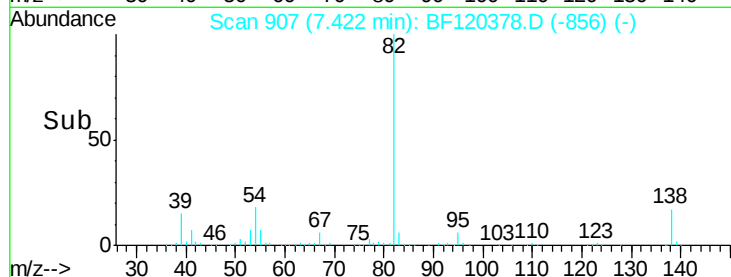
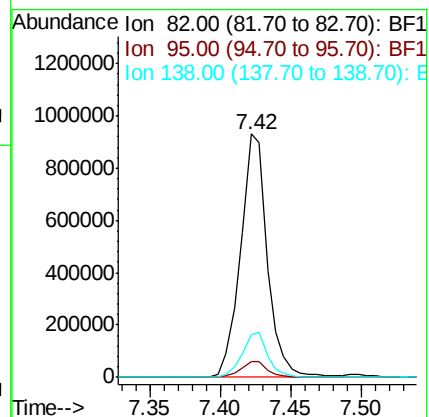
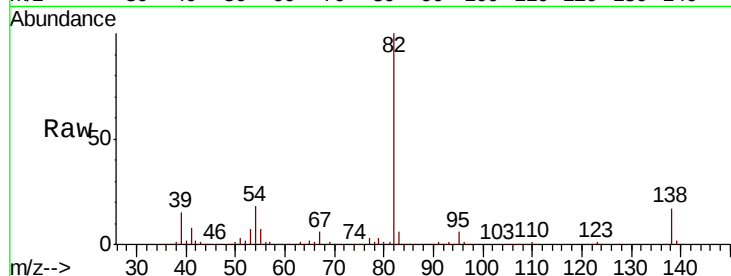
138 17.3 14.7 22.1

Manual Integrations

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#26

2-Nitrophenol

Concen: 43.283 ng

RT: 7.50 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF120378.D

Acq: 21 May 2020 13:23

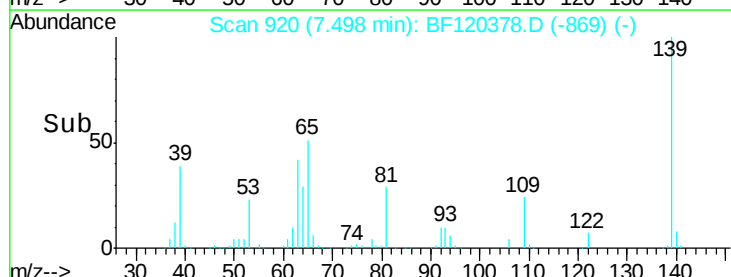
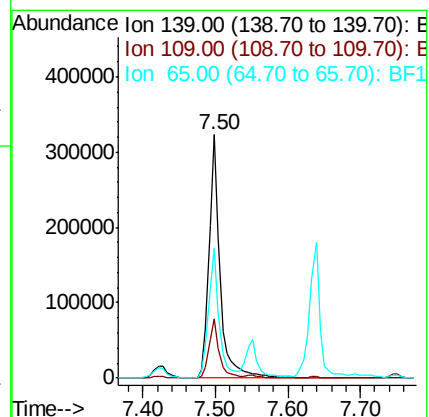
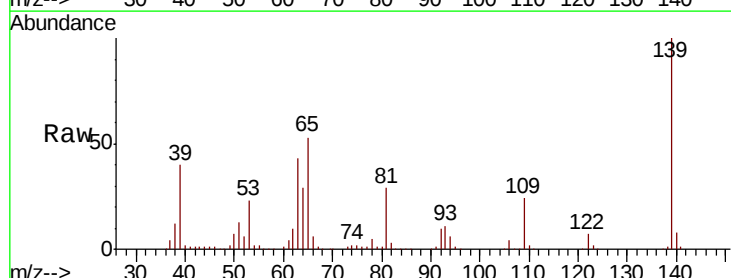
Tgt Ion: 139 Resp: 351480

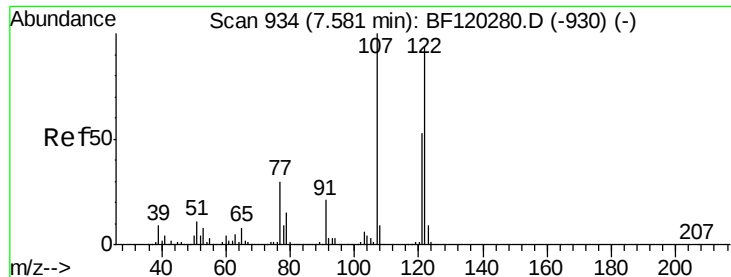
Ion Ratio Lower Upper

139 100

109 24.3 17.7 26.5

65 53.4 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 40.968 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF120378.D

Acq: 21 May 2020 13:23

Instrument :

BNA_F

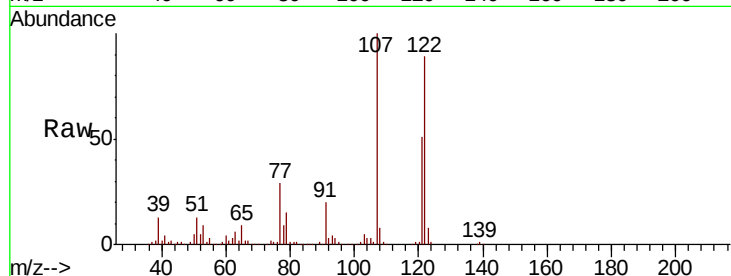
ClientSampleId :

SSTDCCC040

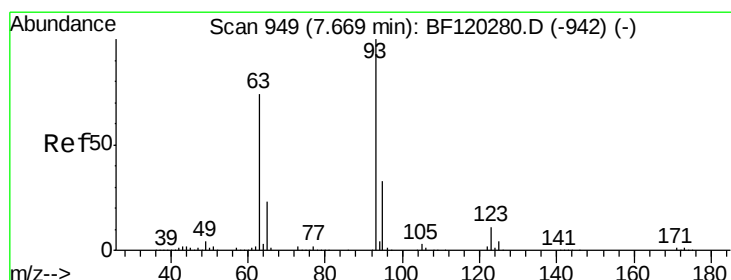
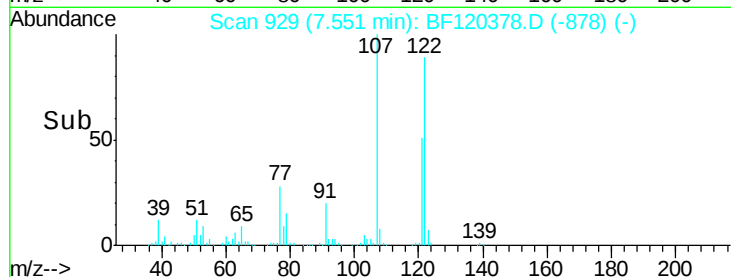
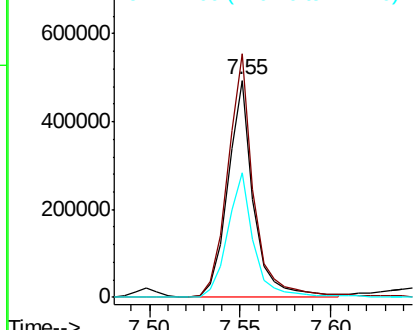
Tot Ion:	122	Resp:	483942
Ion Ratio	Lower	Upper	
122	100		
107	112.1	85.0	127.6
121	57.4	45.1	67.7

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.787 ng

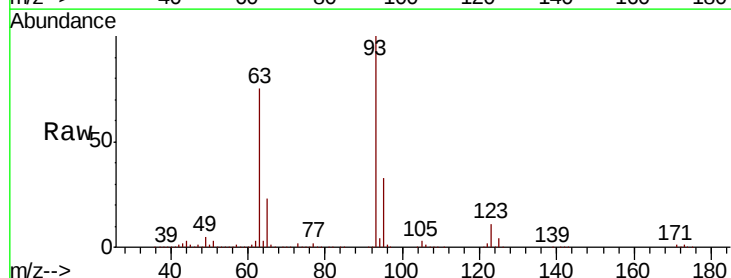
RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

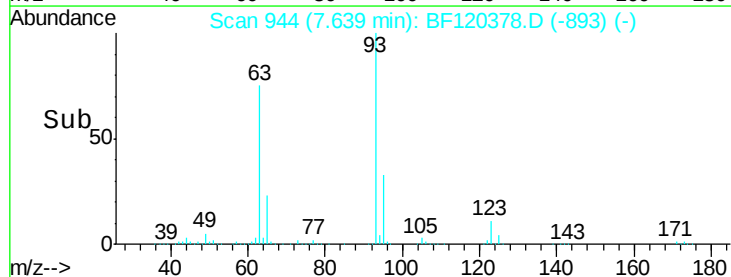
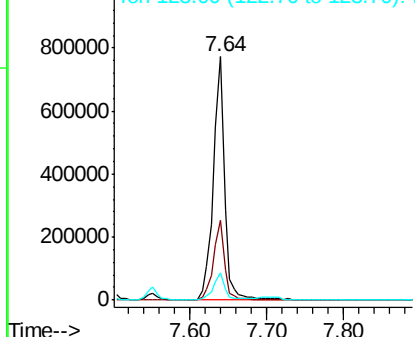
Lab File: BF120378.D

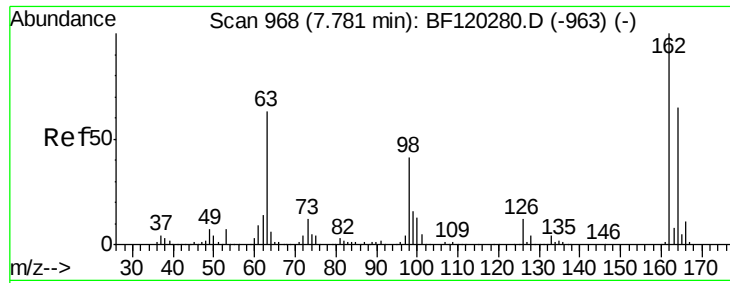
Acq: 21 May 2020 13:23

Tgt Ion:	93	Resp:	769571
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.8	40.2
123	11.1	9.2	13.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





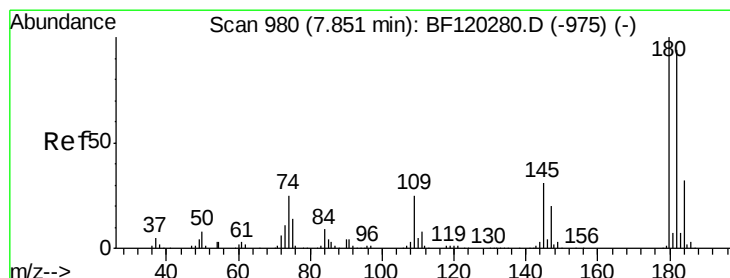
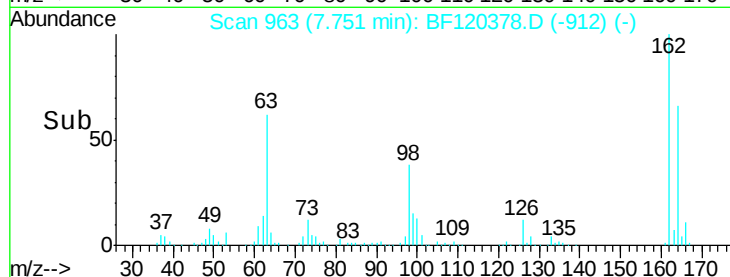
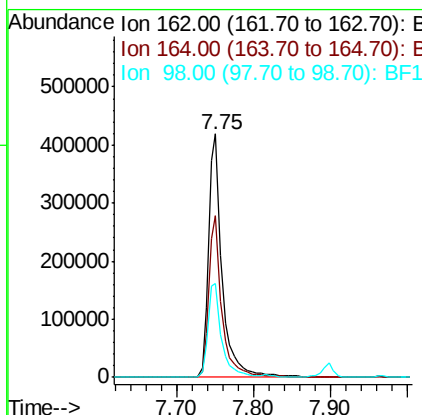
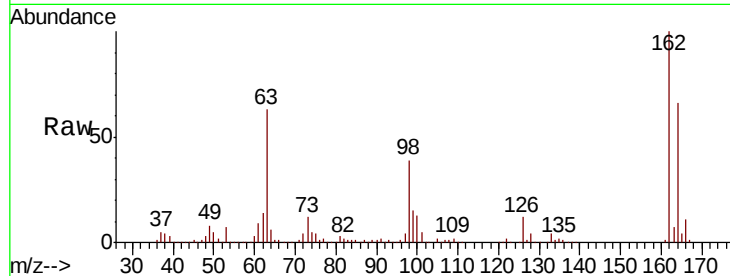
#29
2,4-Dichlorophenol
Concen: 42.014 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		509714		
164	66.3	44.9	84.9		
98	38.5	20.7	60.7		

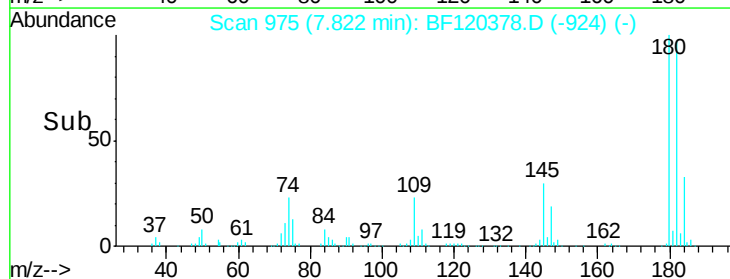
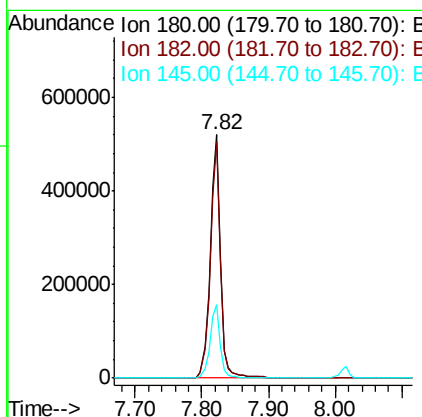
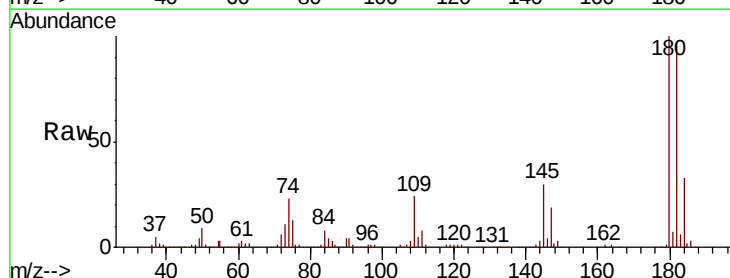
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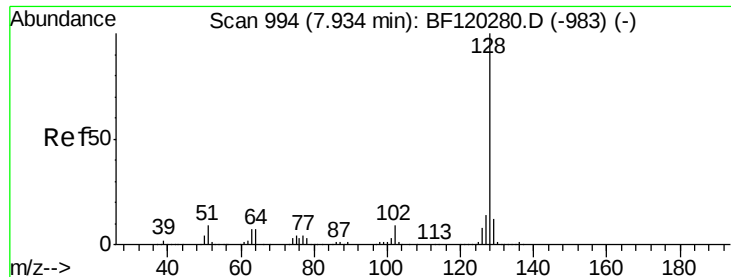
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 41.943 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		563885		
182	96.7	75.3	112.9		
145	30.3	24.9	37.3		





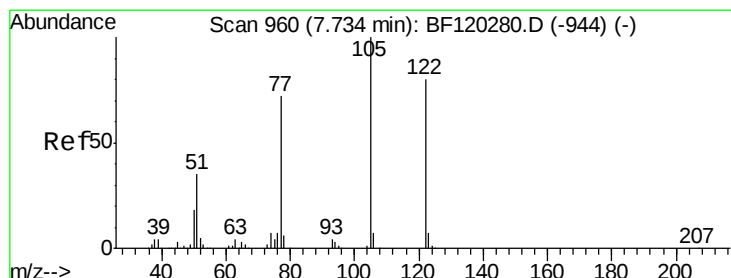
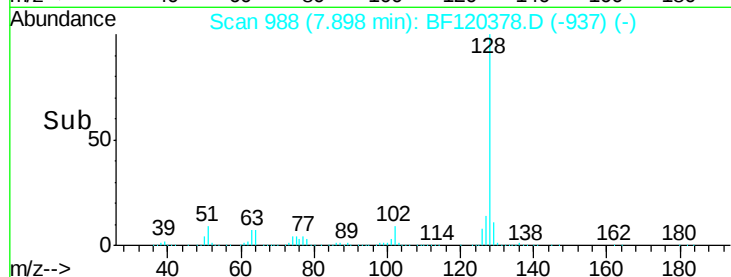
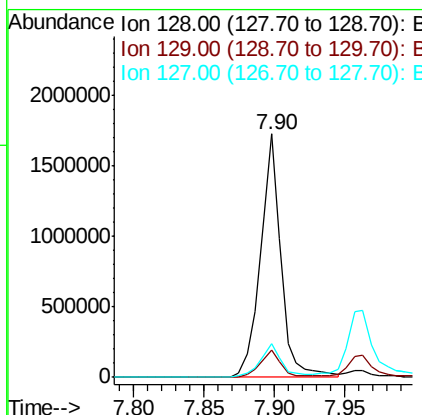
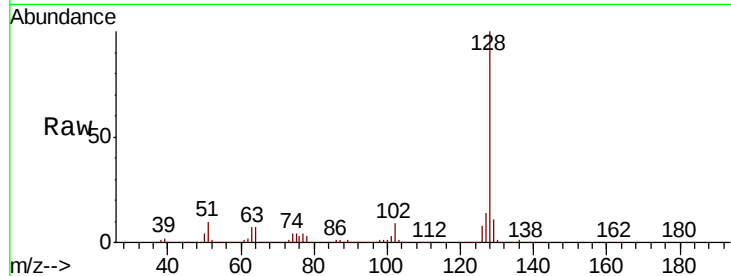
#31
Naphthalene
Concen: 42.705 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	13.8	11.2	16.8

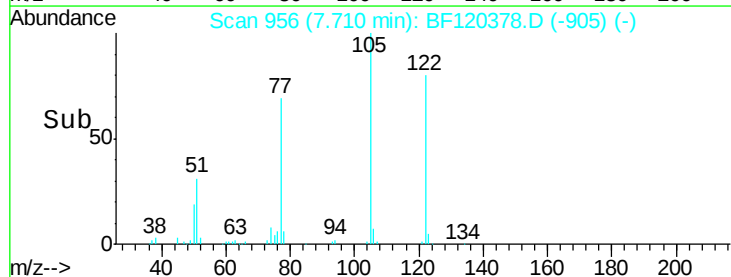
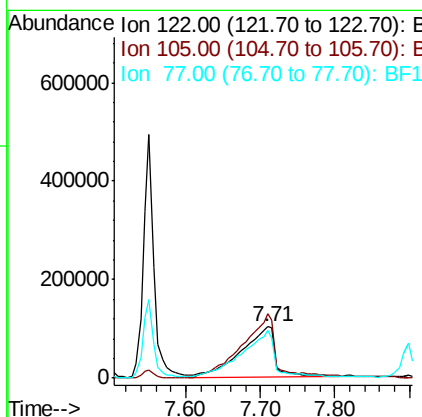
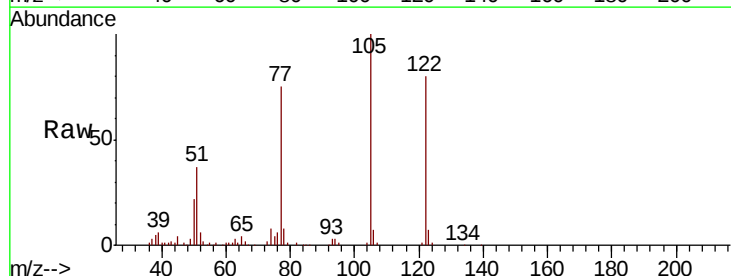
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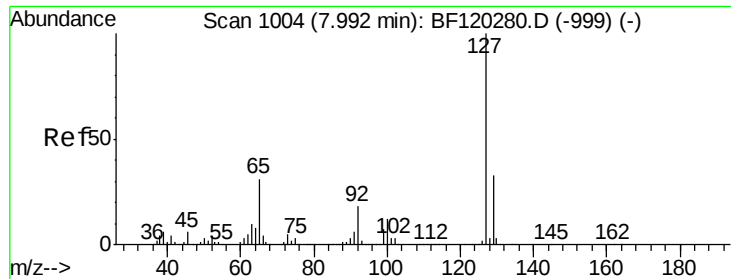
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#32
Benzoic acid
Concen: 41.863 ng
RT: 7.71 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.5	98.1	138.1
77	93.6	66.7	106.7





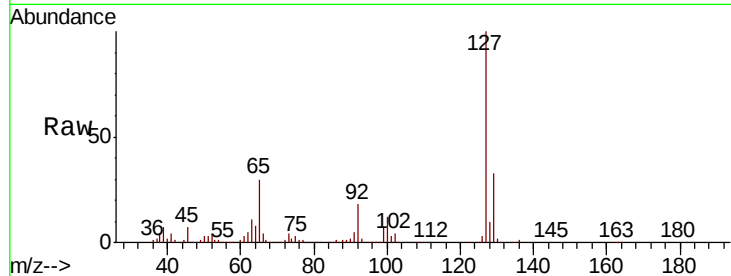
#33
4-Chloroaniline
Concen: 35.440 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

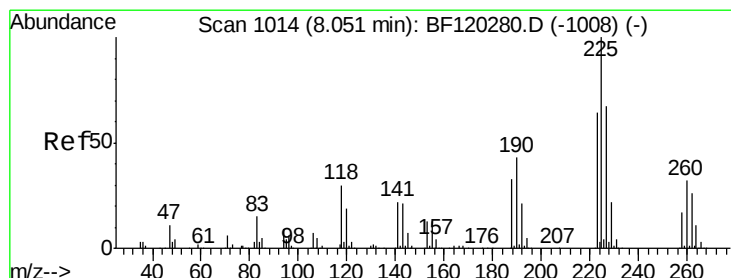
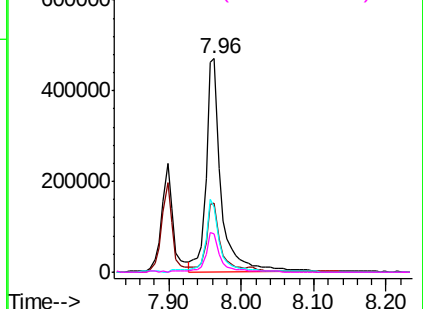
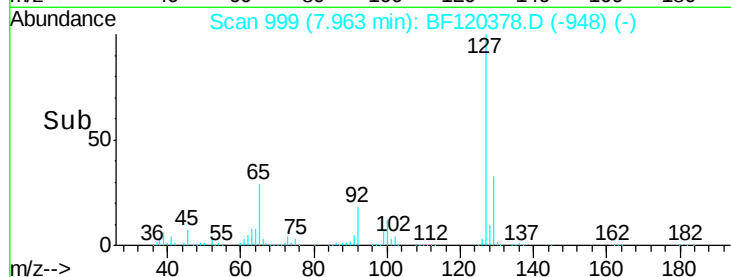
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		673314		
129	32.6	26.4	39.6		
65	30.5	24.8	37.2		
92	17.8	14.5	21.7		

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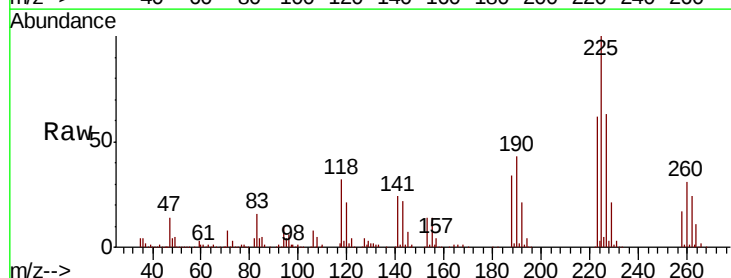


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

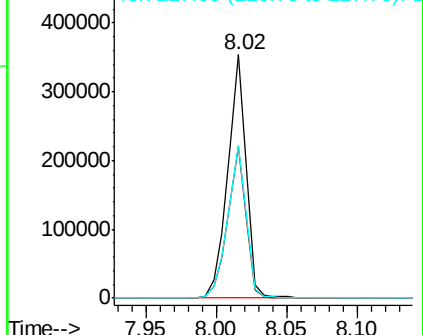
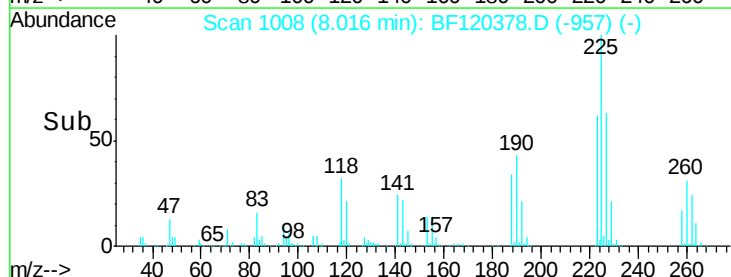


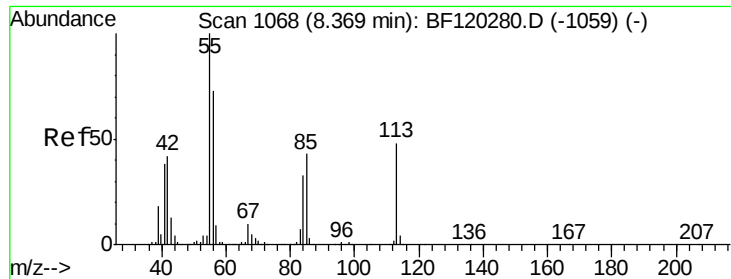
#34
Hexachlorobutadiene
Concen: 41.441 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		322026		
223	62.3	51.4	77.0		
227	63.0	54.0	81.0		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





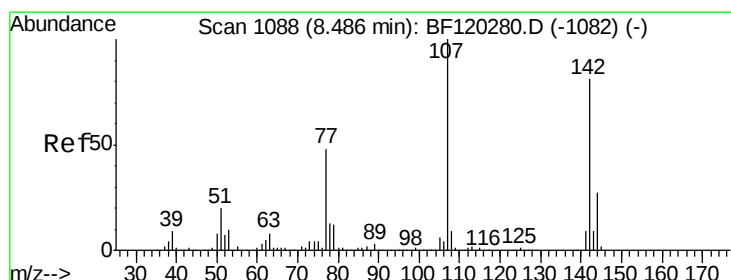
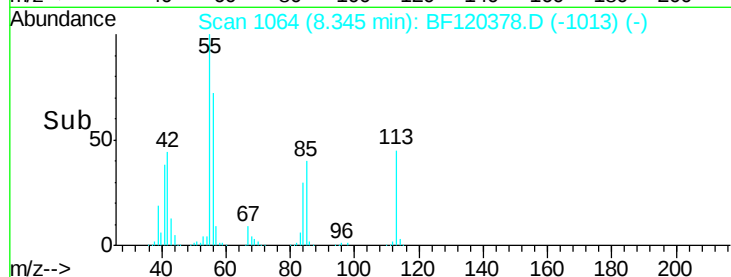
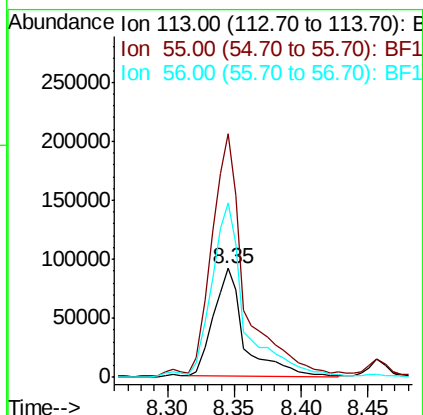
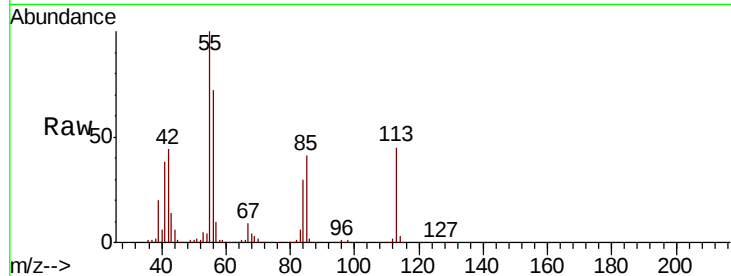
#35
 Caprolactam
 Concen: 37.604 ng
 RT: 8.35 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF120378.D
 Acq: 21 May 2020 13:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	223.8	149253	190.4	230.4
56	160.4		132.7	172.7

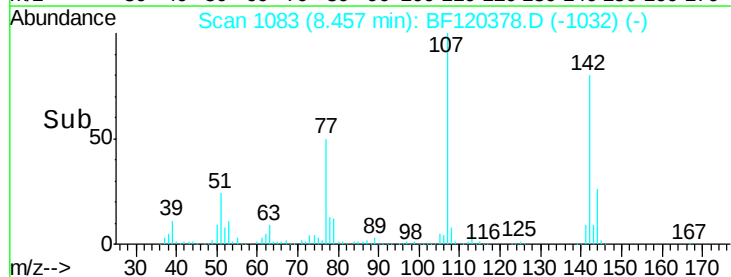
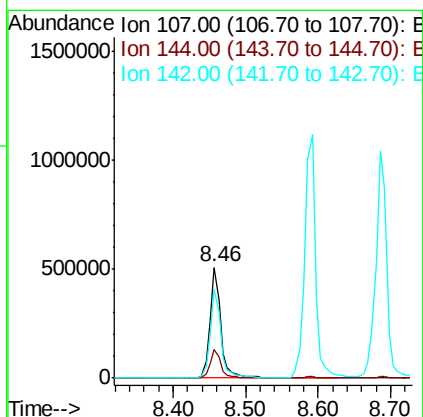
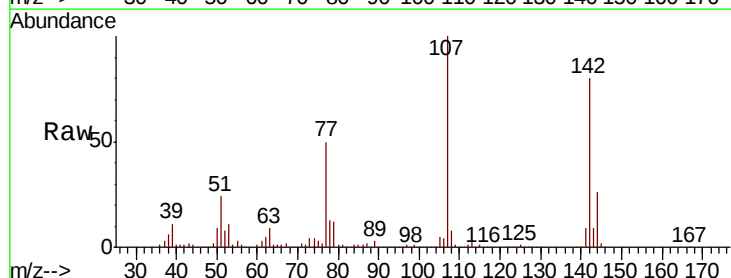
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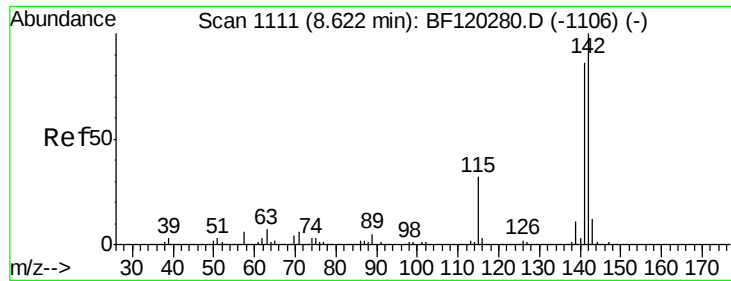
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 40.695 ng
 RT: 8.46 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: BF120378.D
 Acq: 21 May 2020 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	534091		
144	26.0		21.4	32.2
142	80.0		65.1	97.7





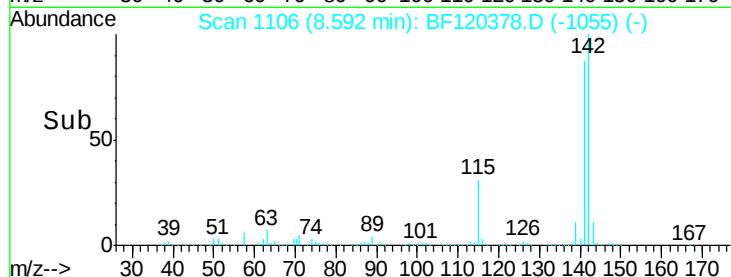
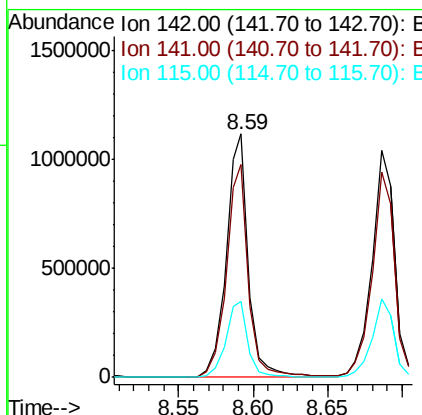
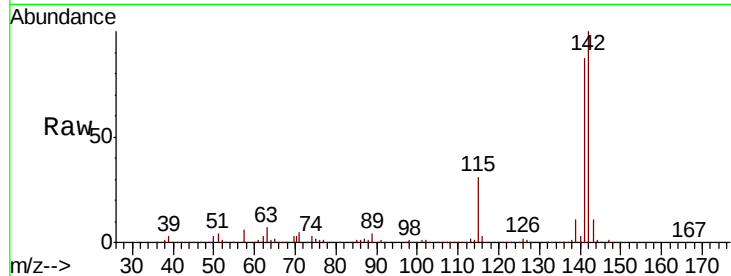
#37
2-Methylnaphthalene
Concen: 40.869 ng
RT: 8.59 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	68.8	103.2
115	31.1	25.7	38.5

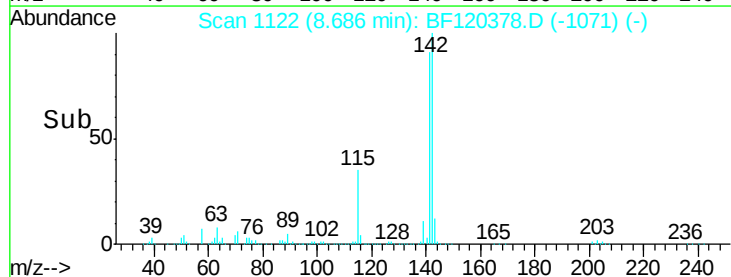
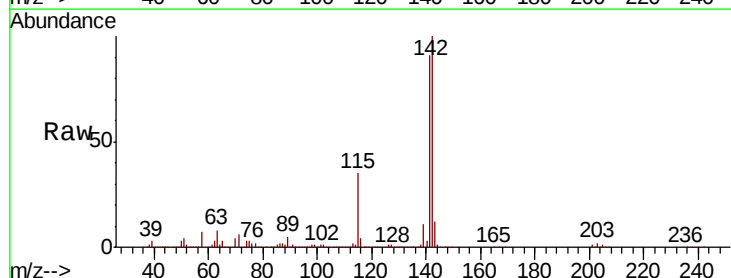
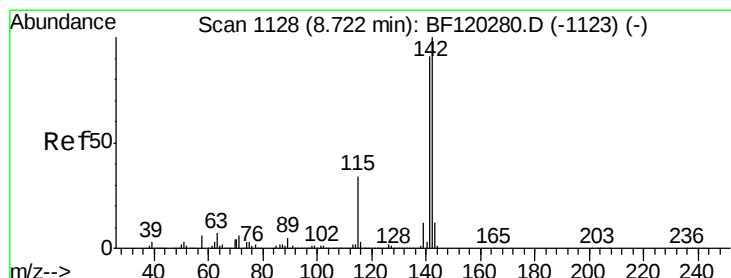
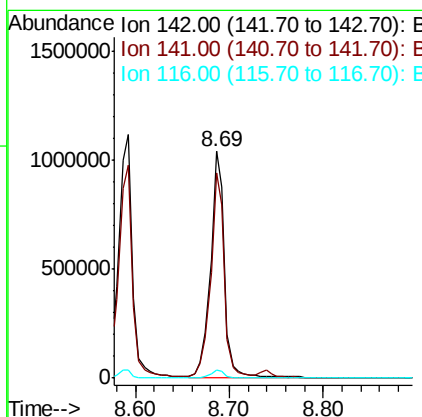
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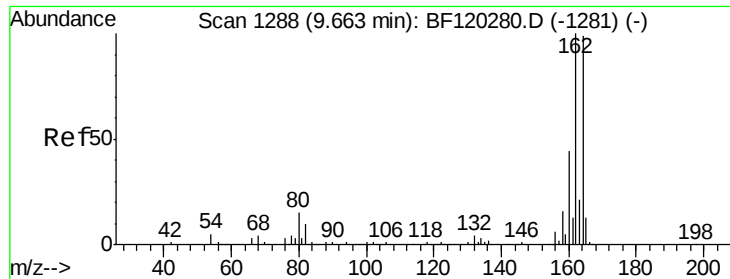
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#38
1-Methylnaphthalene
Concen: 39.959 ng
RT: 8.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.0	109.6
116	3.8	2.7	4.1





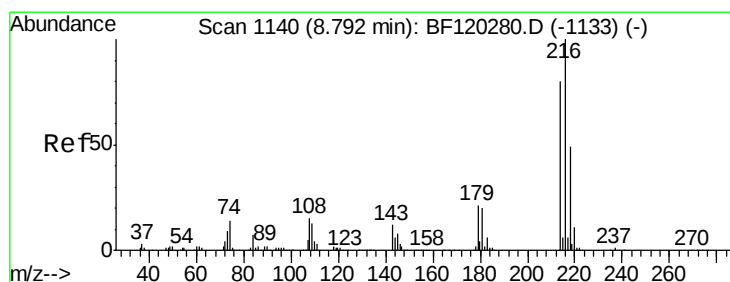
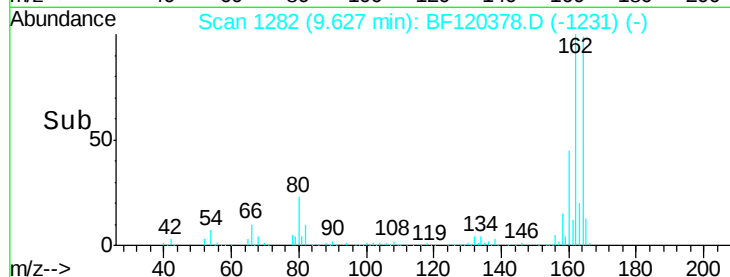
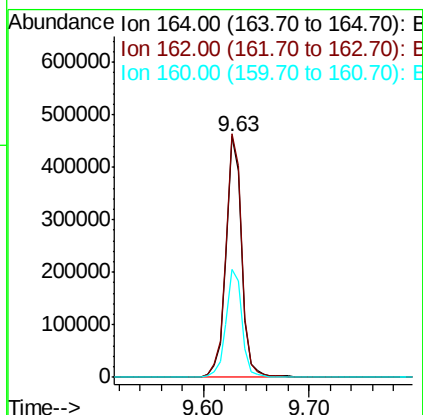
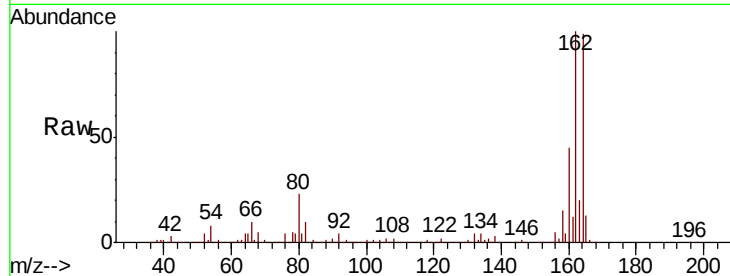
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.2	121.8
160	45.0	35.8	53.6

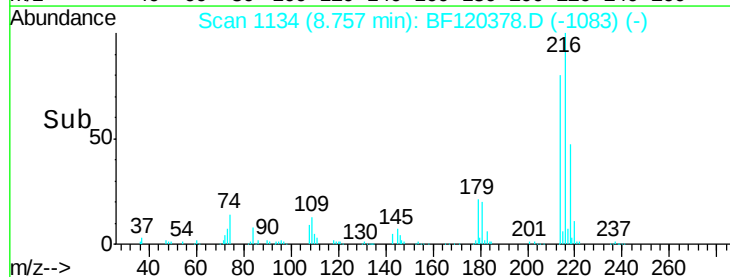
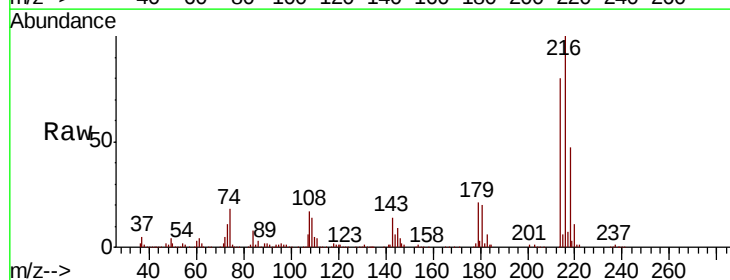
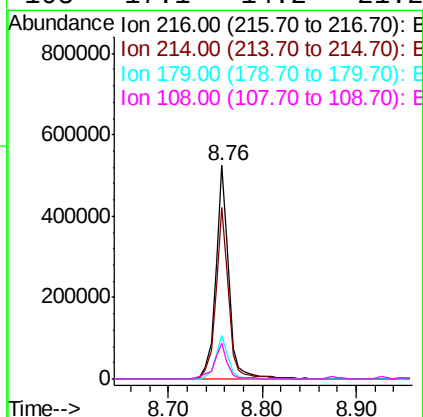
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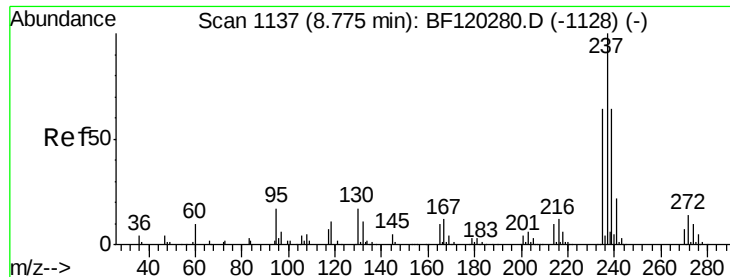
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.997 ng
RT: 8.76 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	64.0	96.0
179	20.7	16.9	25.3
108	17.1	14.2	21.2





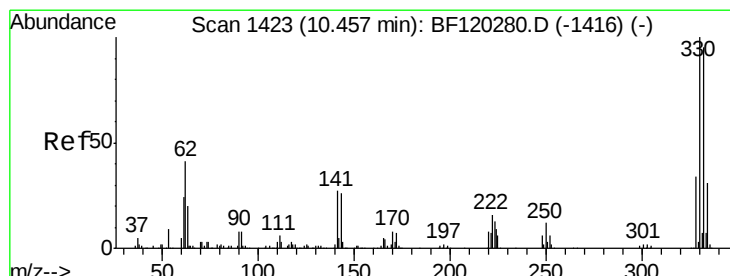
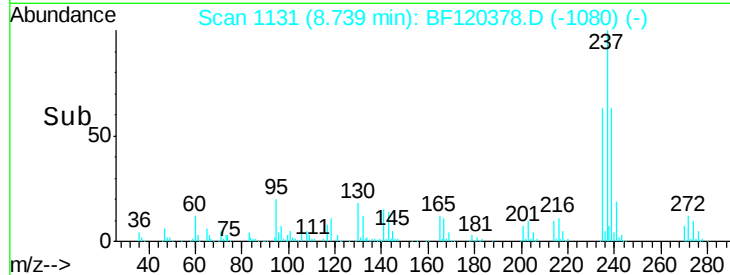
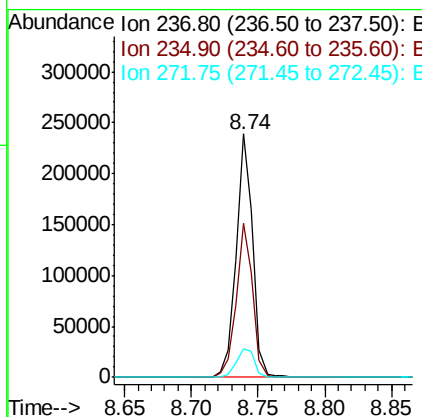
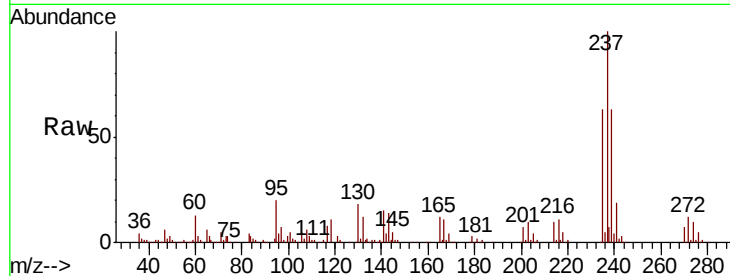
#41
Hexachlorocyclopentadiene
Concen: 45.285 ng
RT: 8.74 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.1		43.8	83.8	
272	11.9		0.0	33.9	

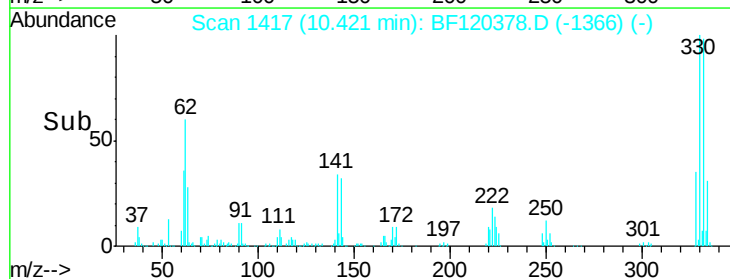
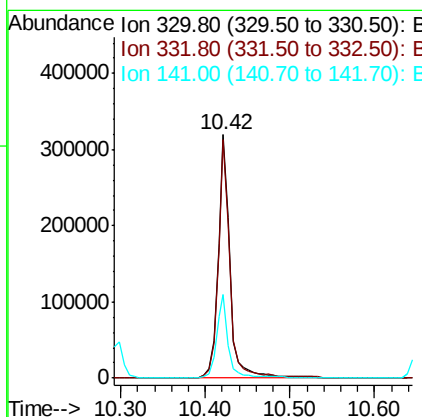
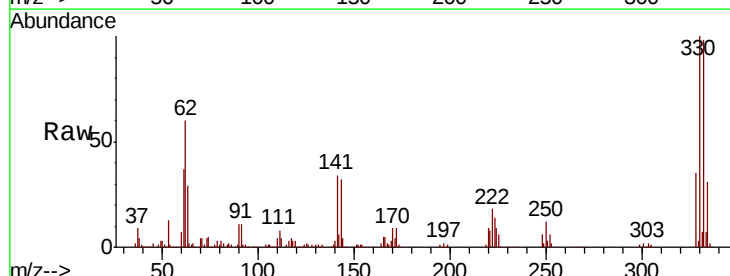
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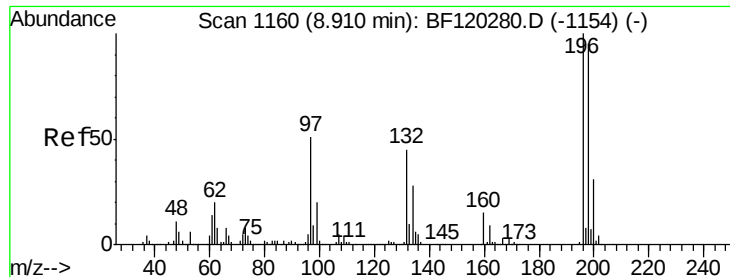
mohammad
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#42
2,4,6-Tribromophenol
Concen: 83.980 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
330	100				
332	96.8		76.5	114.7	
141	33.4		25.4	38.0	





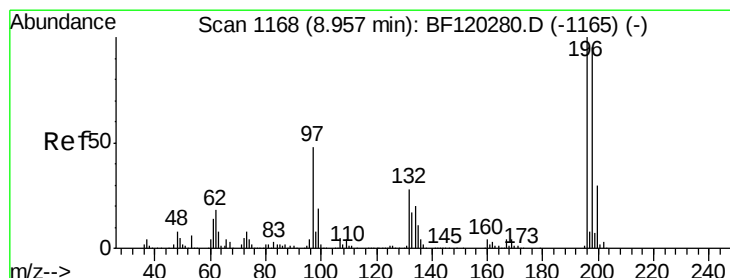
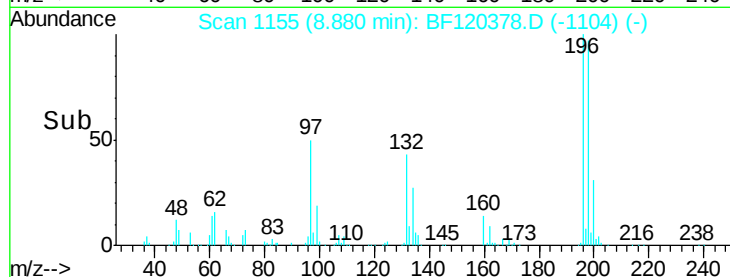
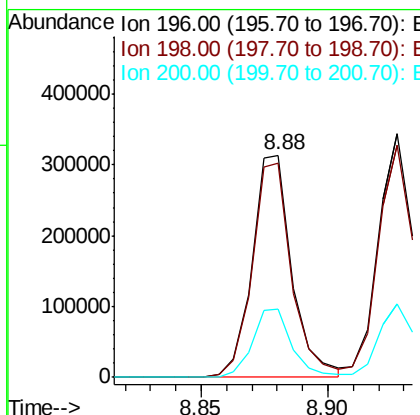
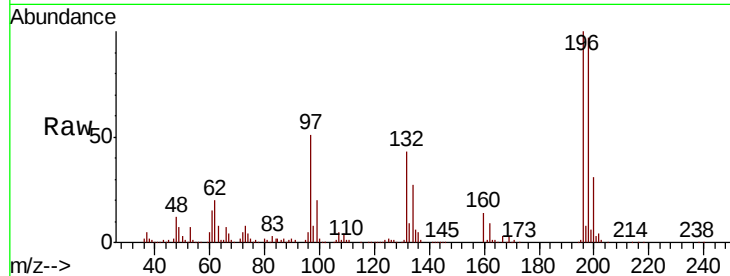
#43
 2,4,6-Trichlorophenol
 Concen: 42.723 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BF120378.D
 Acq: 21 May 2020 13:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	341564		
198	96.8	76.2	114.4	
200	30.6	24.9	37.3	

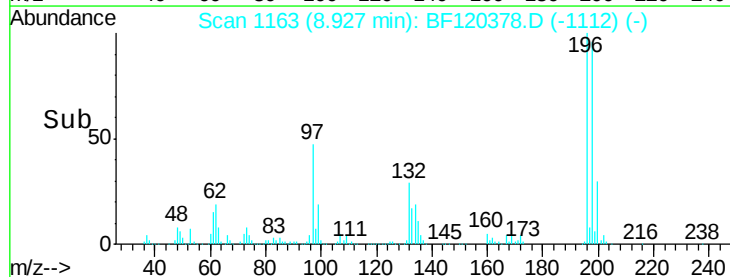
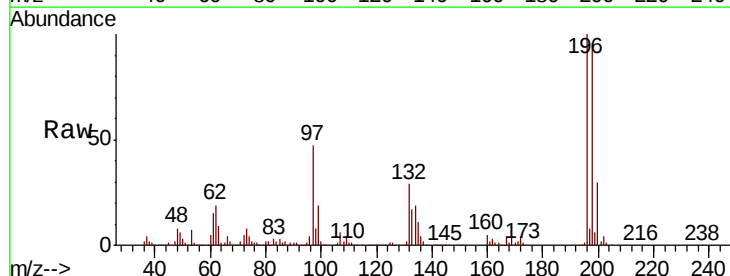
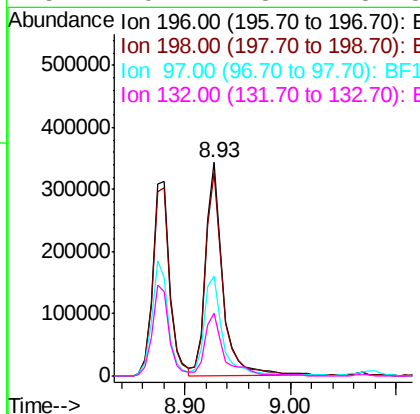
Manual Integrations
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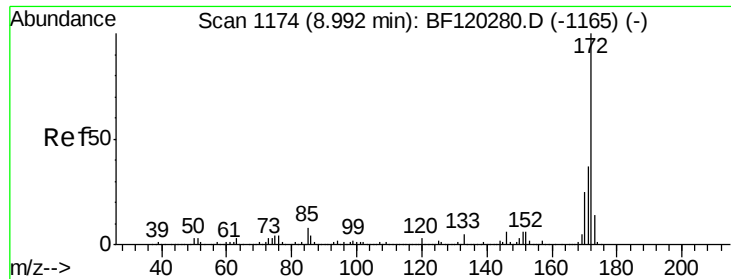
mohammad
 5/22/2020 2:55:42 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.110 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF120378.D
 Acq: 21 May 2020 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	386627		
198	95.6	76.2	114.4	
97	46.8	38.6	57.8	
132	29.2	23.2	34.8	





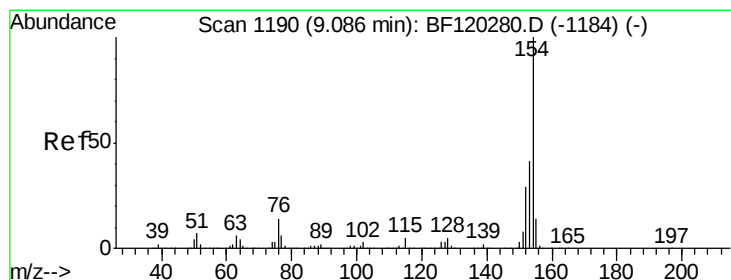
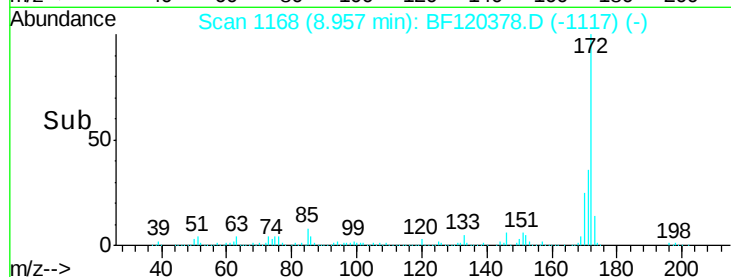
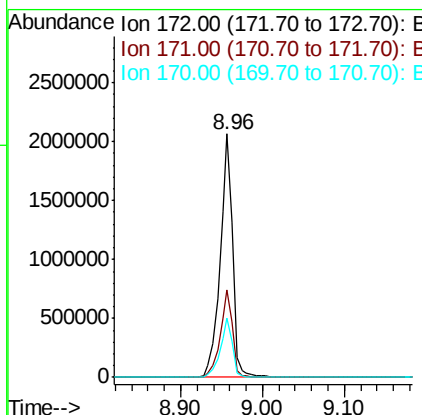
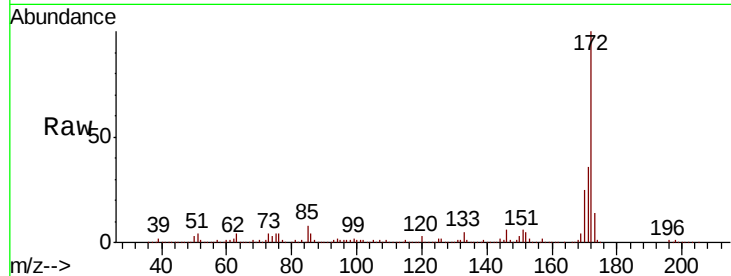
#45
2-Fluorobiphenyl
Concen: 95.645 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.5	19.9	29.9

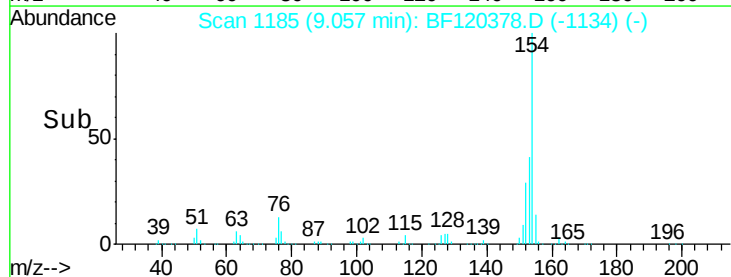
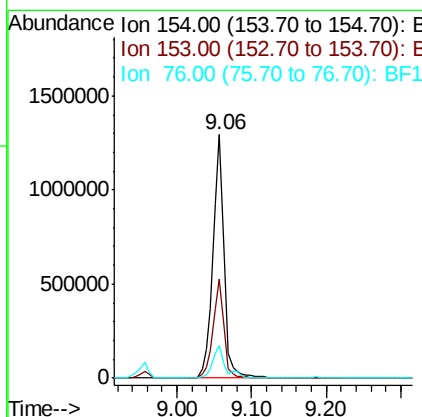
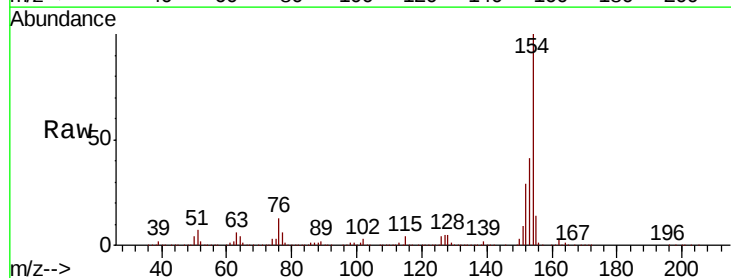
Manual Integrations
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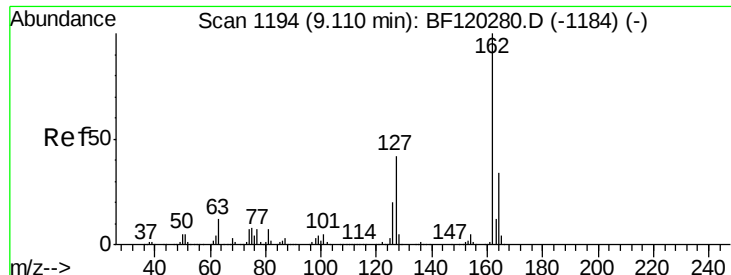
mohammad
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#46
1,1'-Biphenyl
Concen: 43.012 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.8	60.8
76	13.3	0.0	34.3





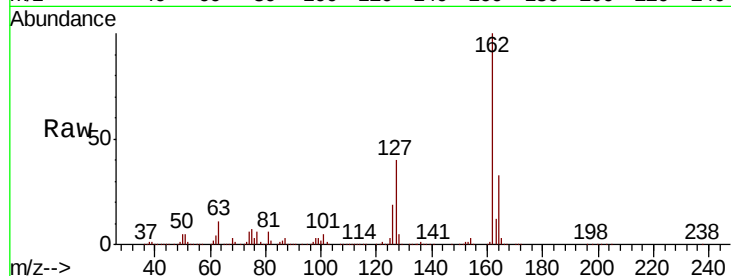
#47
2-Chloronaphthalene
Concen: 43.314 ng
RT: 9.08 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	33.4	50.0
164	33.2	27.0	40.6

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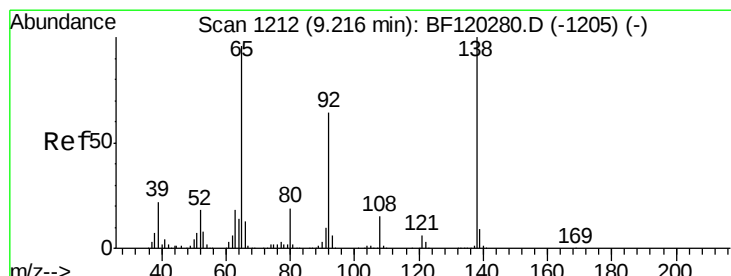
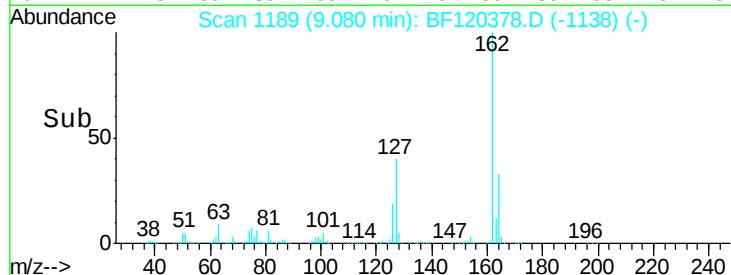
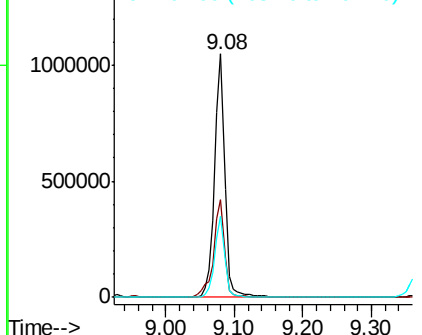


Abundance

Ion 162.00 (161.70 to 162.70): E

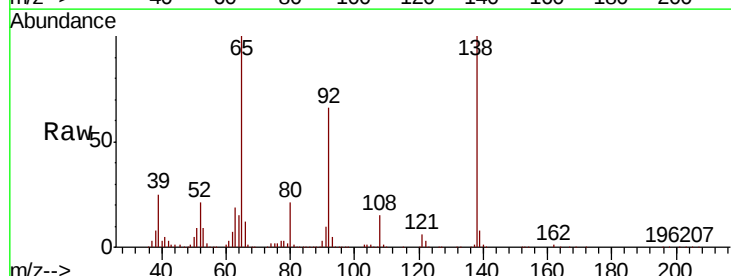
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 42.672 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.6	52.9	79.3
138	99.7	83.0	124.4

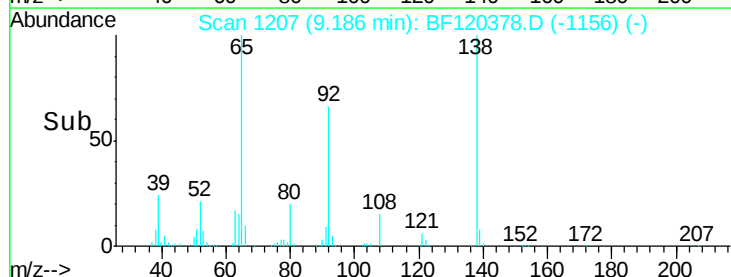
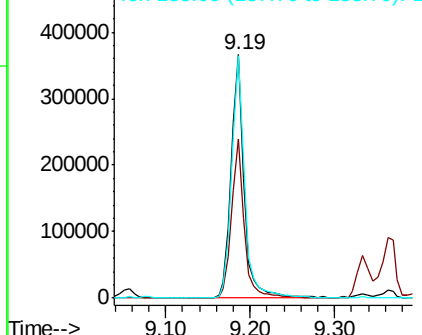


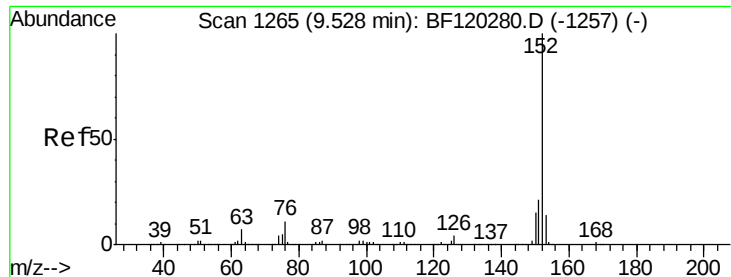
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





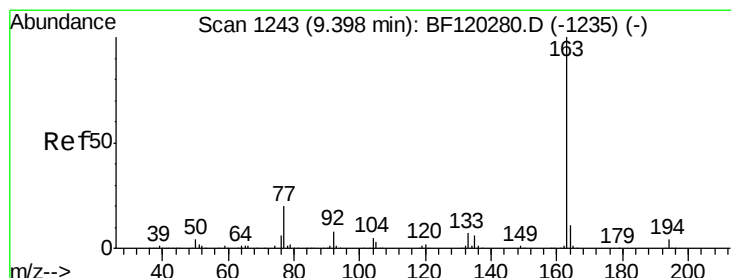
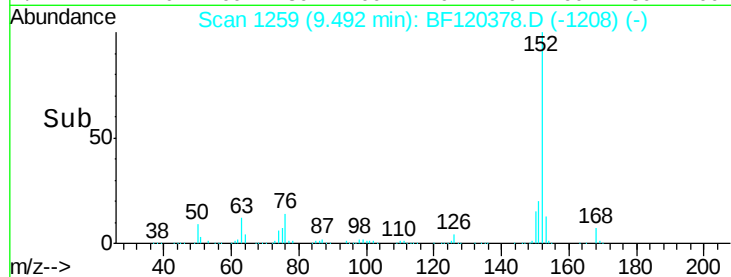
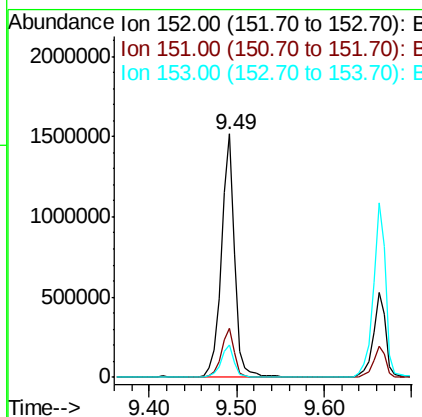
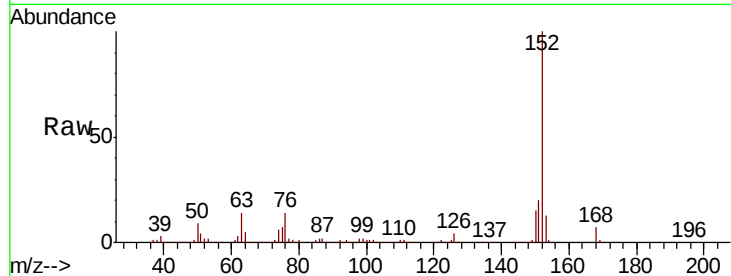
#49
Acenaphthylene
Concen: 41.874 ng
RT: 9.49 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
152	100			
151	20.3	16.6	25.0	
153	13.5	11.1	16.7	

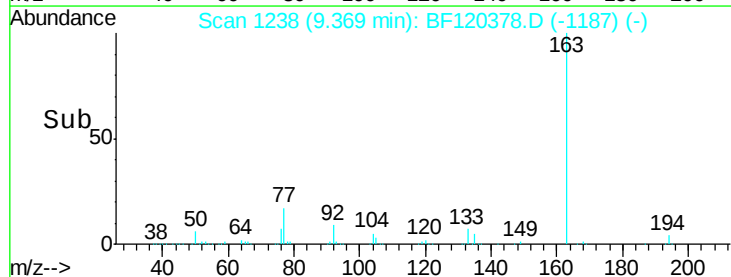
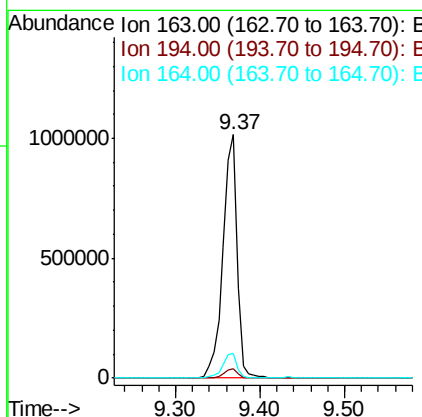
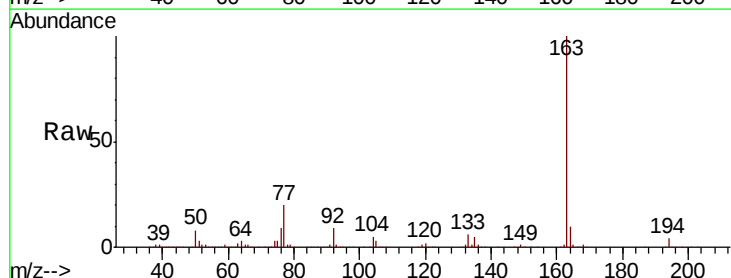
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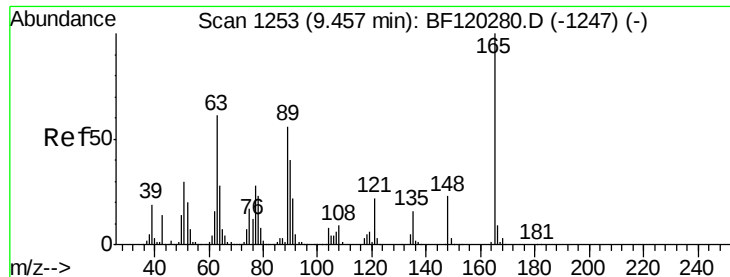
mohammad
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#50
Dimethylphthalate
Concen: 39.977 ng
RT: 9.37 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	4.0	3.1	4.7	
164	10.1	8.6	12.8	





#51

2,6-Dinitrotoluene

Concen: 40.639 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BF120378.D

Acq: 21 May 2020 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 270828
Ion Ratio Lower Upper

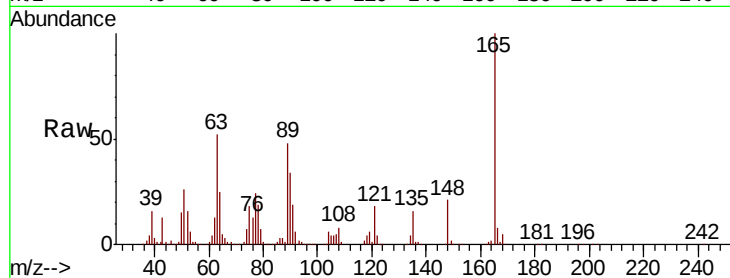
165 100

63 51.5 50.2 75.2

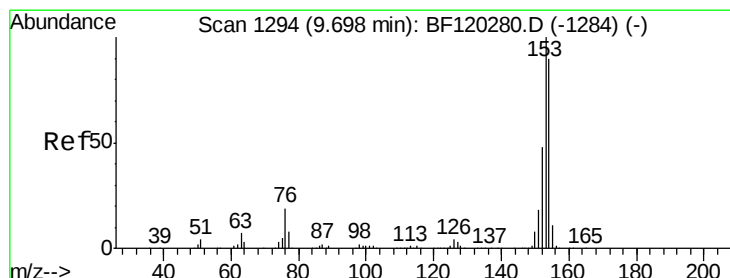
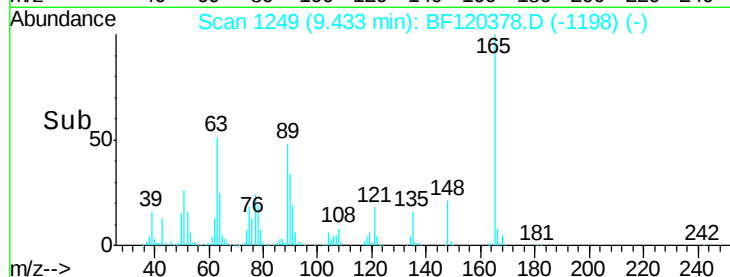
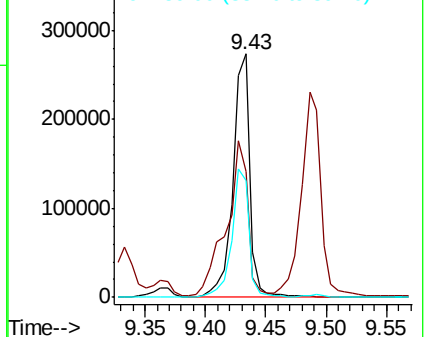
89 48.0 44.6 66.8

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



#52

Acenaphthene

Concen: 42.426 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BF120378.D

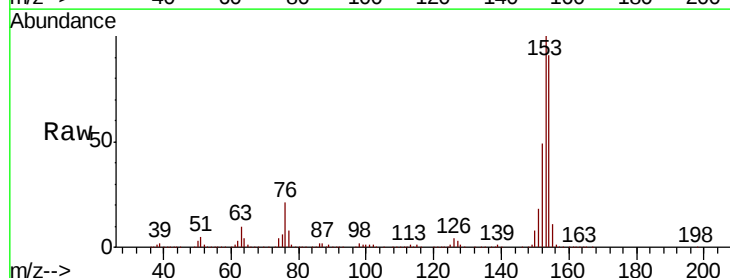
Acq: 21 May 2020 13:23

Tgt Ion:154 Resp: 964385
Ion Ratio Lower Upper

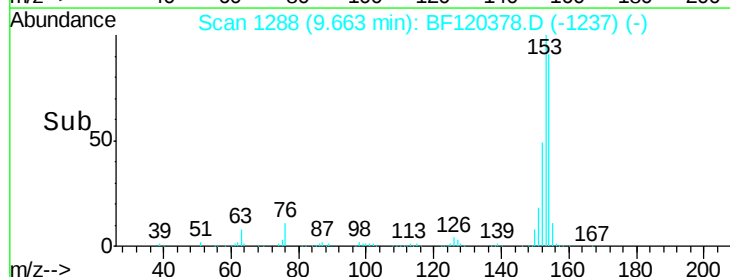
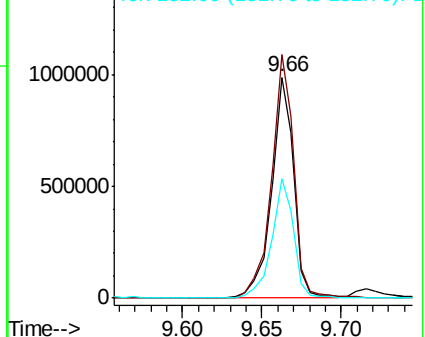
154 100

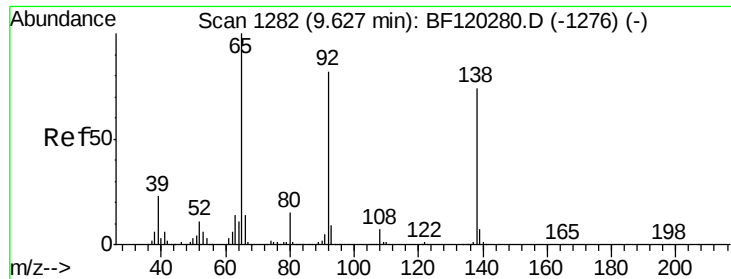
153 110.2 89.0 133.4

152 53.8 42.6 64.0



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





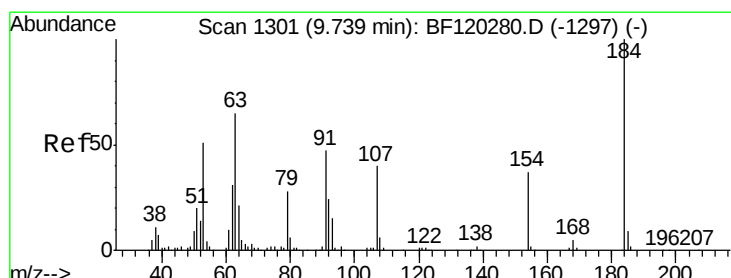
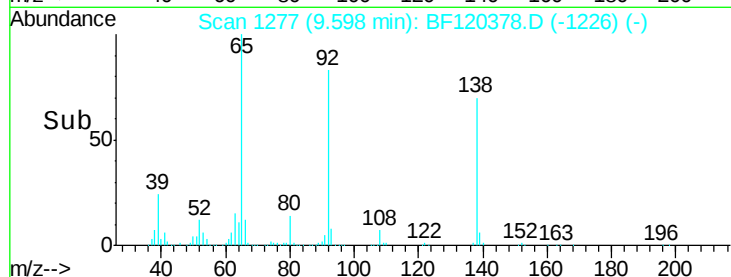
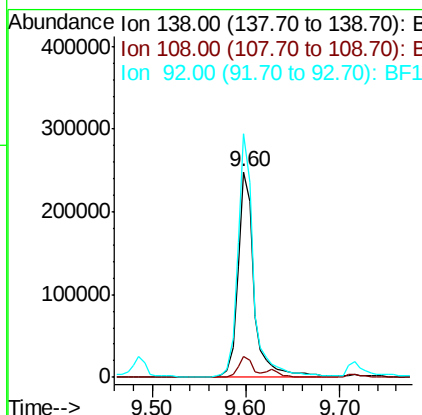
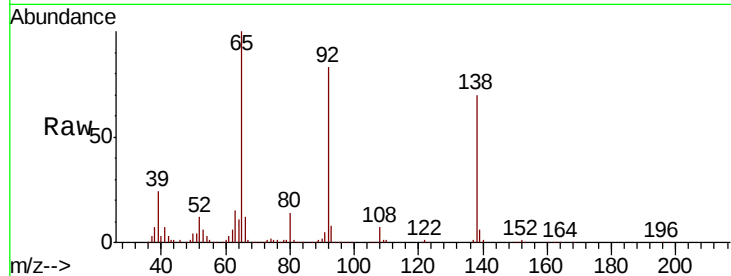
#53
3-Nitroaniline
Concen: 36.619 ng
RT: 9.60 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100	291020		
108	10.1	8.2	12.2	
92	118.3	89.6	134.4	

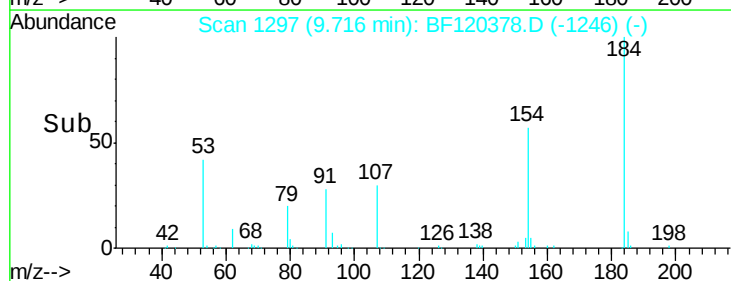
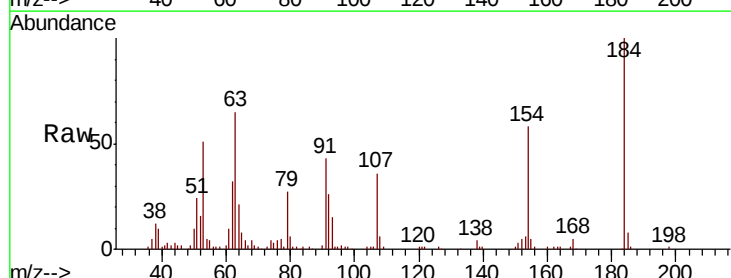
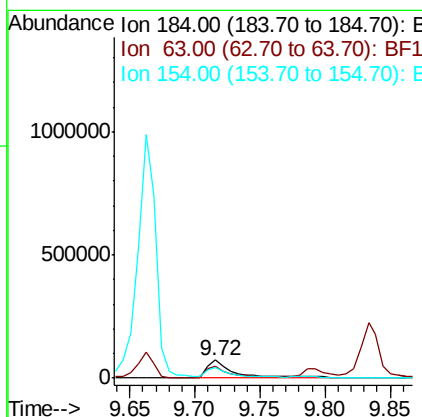
Manual Integrations
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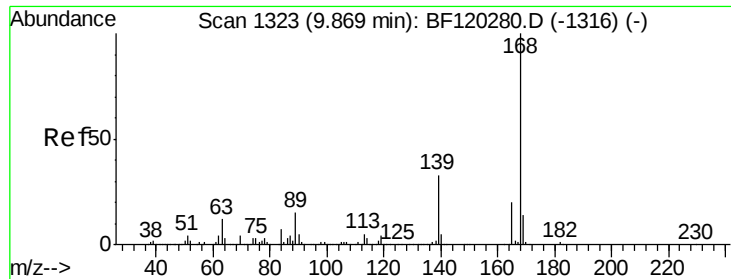
mohammad
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#54
2,4-Dinitrophenol
Concen: 35.023 ng m
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	110175		
63	64.9	53.6	80.4	
154	58.0	46.8	70.2	





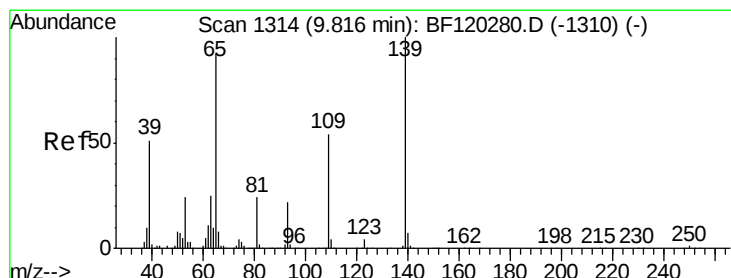
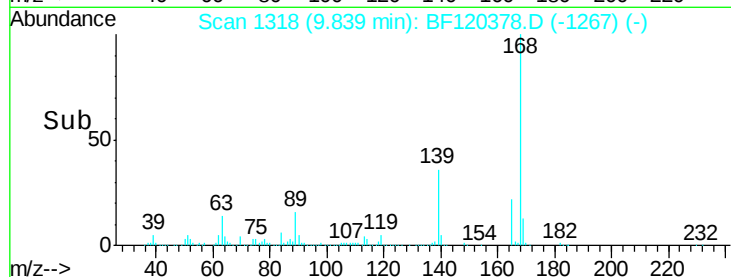
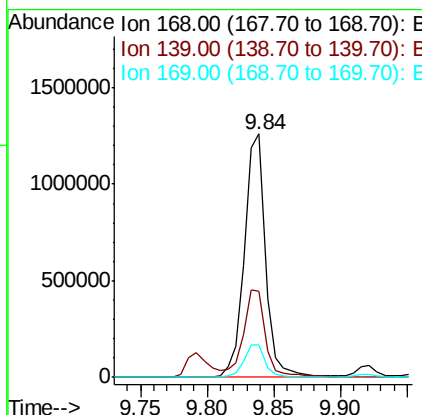
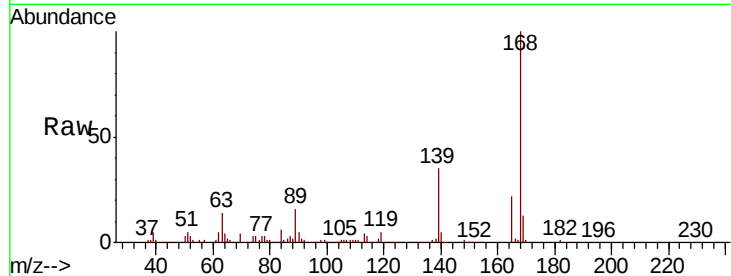
#55
Dibenzofuran
Concen: 42.266 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.5	29.8	44.6
169	13.1	11.0	16.6

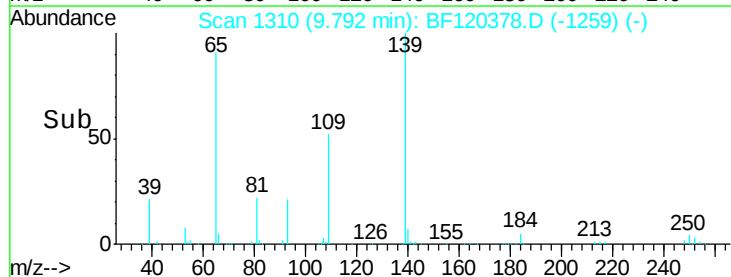
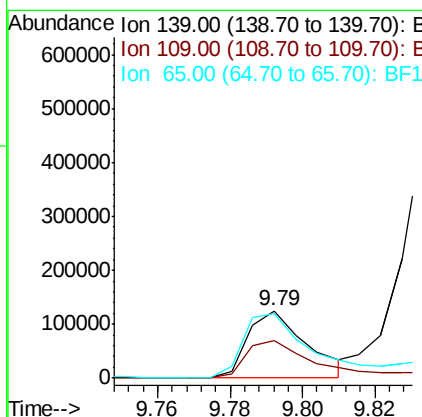
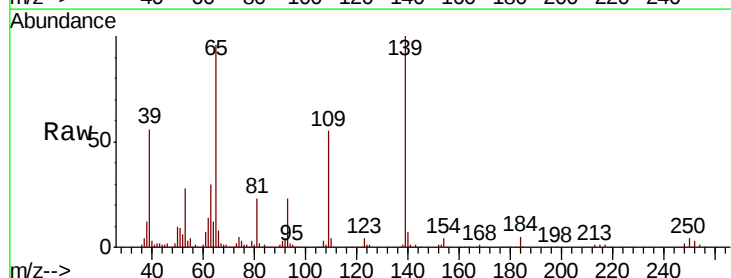
Manual Integrations
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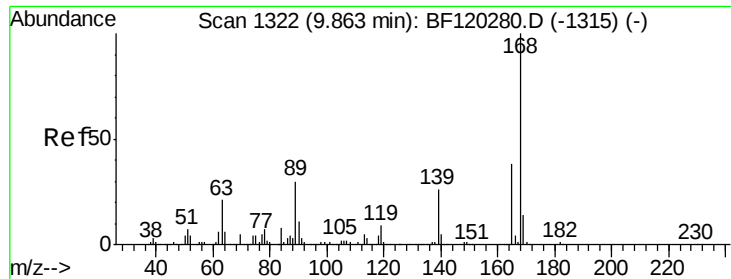
mohammad
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#56
4-Nitrophenol
Concen: 33.019 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	54.8	34.6	74.6
65	95.6	73.3	113.3





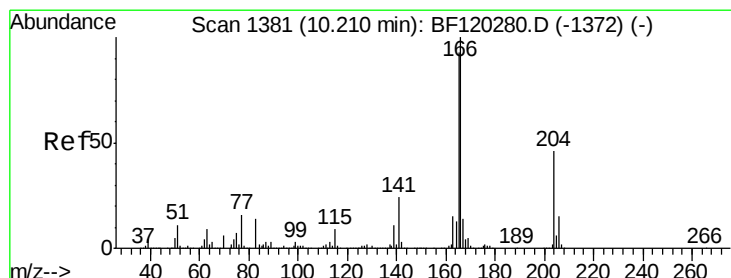
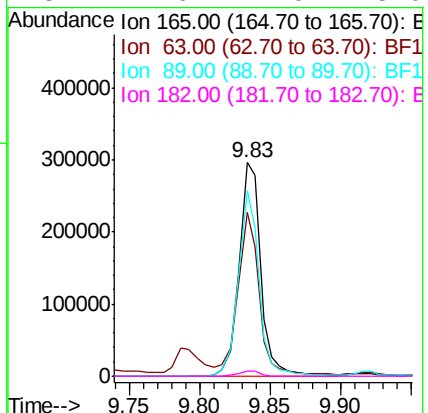
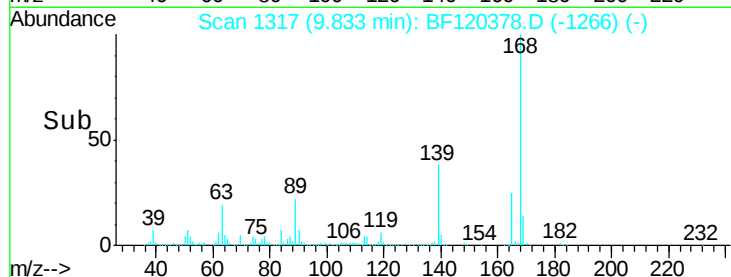
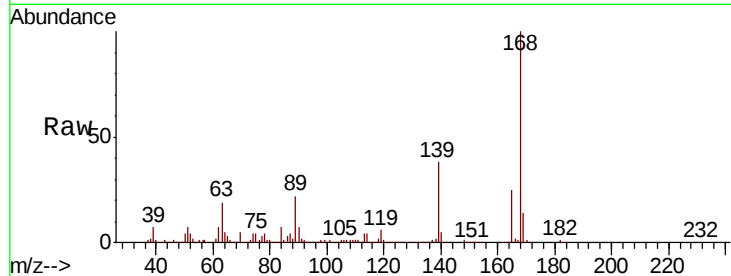
#57
 2,4-Dinitrotoluene
 Concen: 40.921 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF120378.D
 Acq: 21 May 2020 13:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	319902		
63	76.9	51.8	77.8	
89	87.1	64.2	96.4	
182	2.6	2.0	3.0	

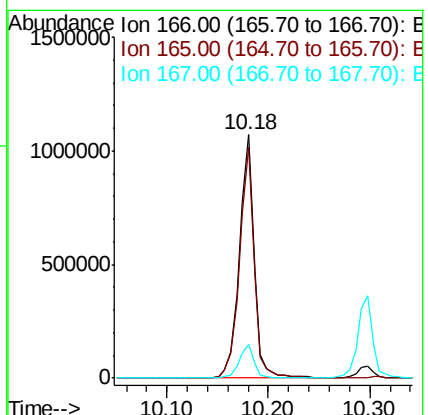
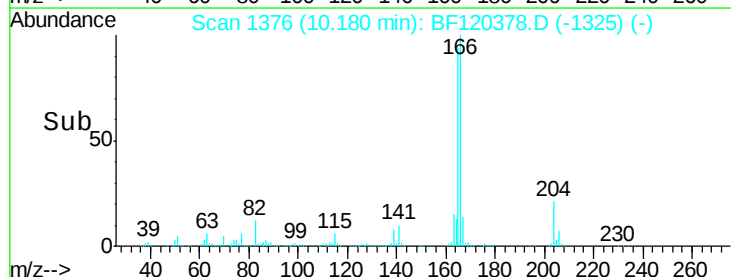
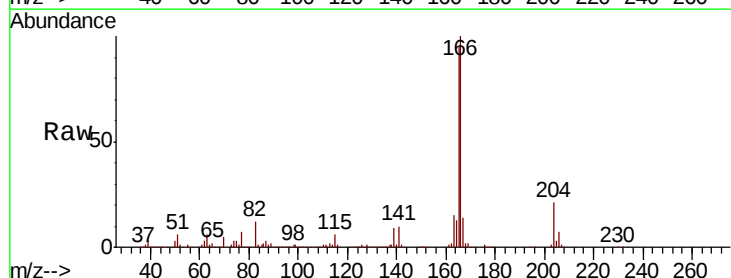
Manual Integrations
 APPROVED

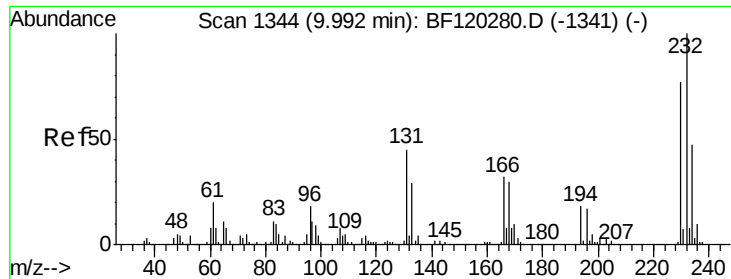
mohammad
 5/22/2020 2:55:42 PM



#58
 Fluorene
 Concen: 43.391 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF120378.D
 Acq: 21 May 2020 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1081702		
165	94.7	74.7	112.1	
167	13.6	11.4	17.0	





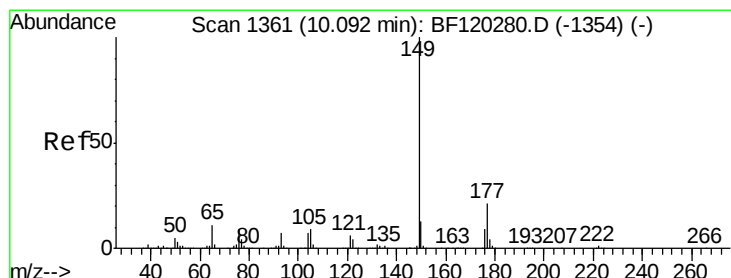
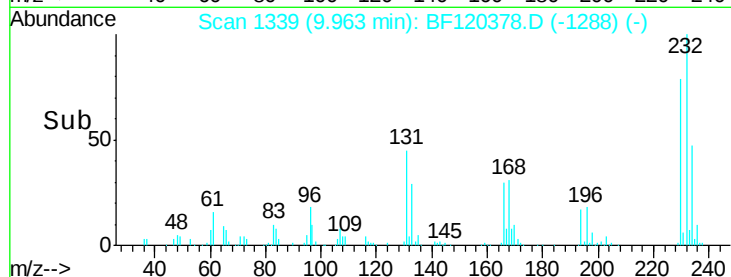
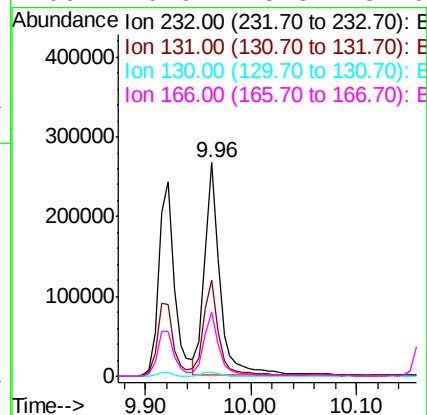
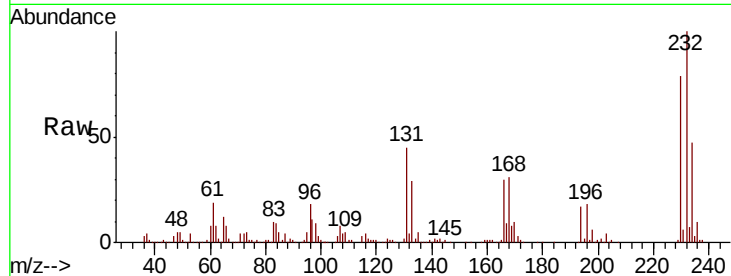
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.547 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF120378.D
 Acq: 21 May 2020 13:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		266341		
131	46.4	34.1	51.1		
130	2.3	1.7	2.5		
166	29.9	23.3	34.9		

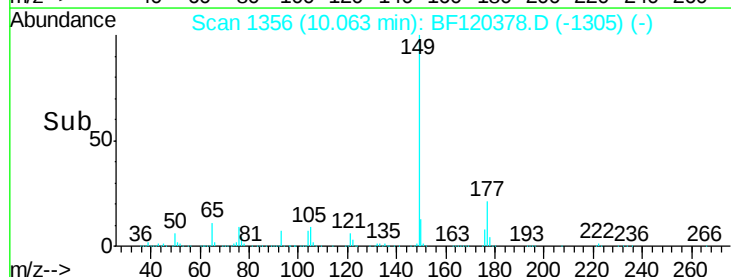
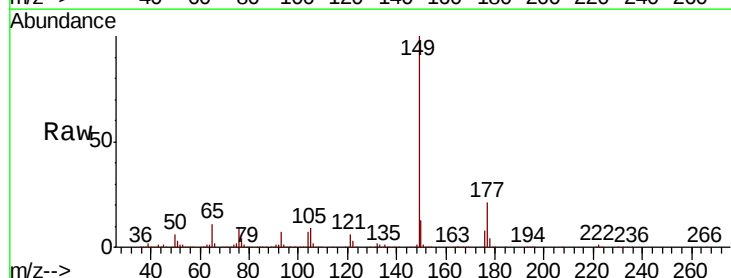
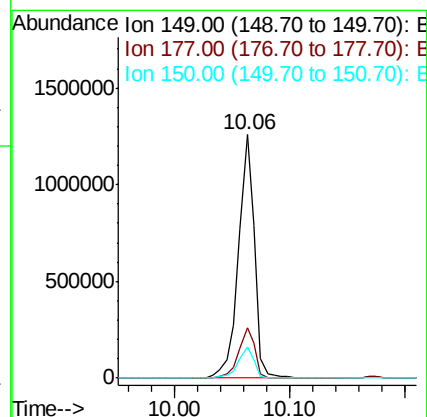
Manual Integrations
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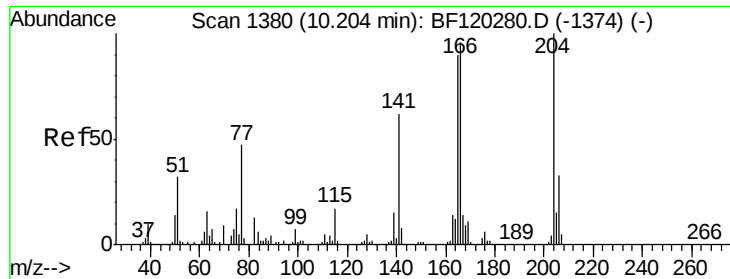
mohammad
 5/22/2020 2:55:42 PM



#60
 Diethylphthalate
 Concen: 41.785 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: BF120378.D
 Acq: 21 May 2020 13:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1204546		
177	20.9	17.1	25.7		
150	12.9	10.3	15.5		





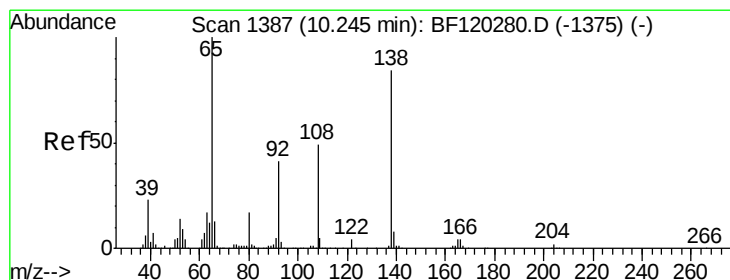
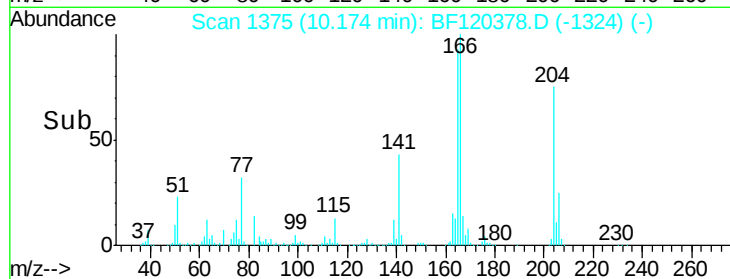
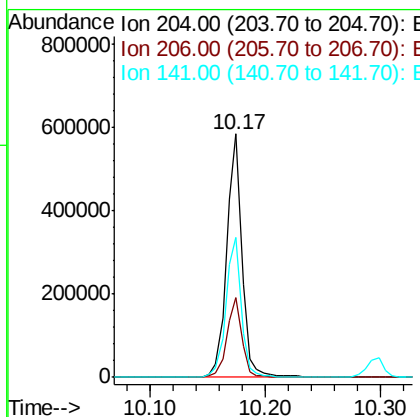
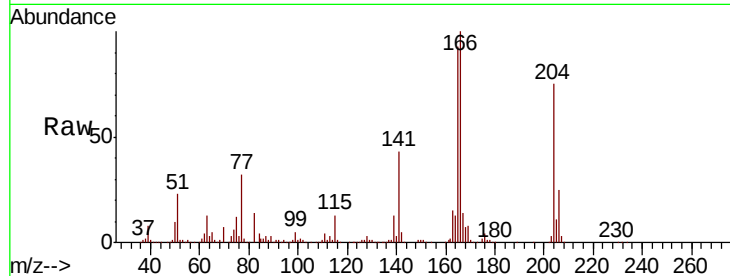
#61
4-Chlorophenyl-phenylether
Concen: 41.299 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.8	40.2
141	57.6	49.5	74.3

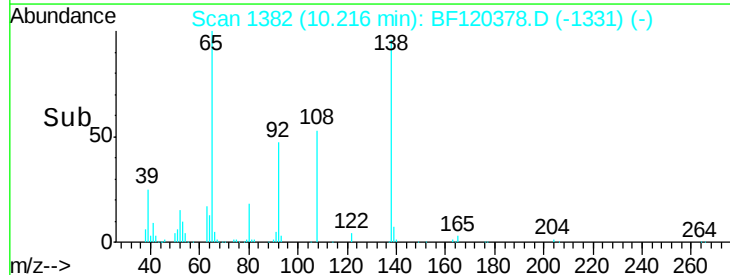
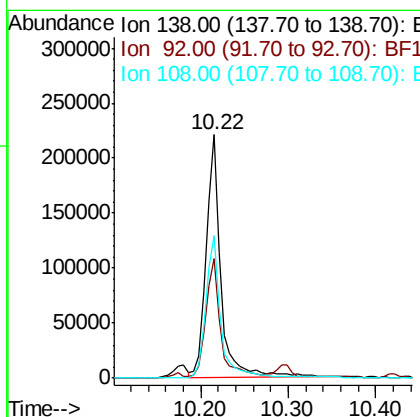
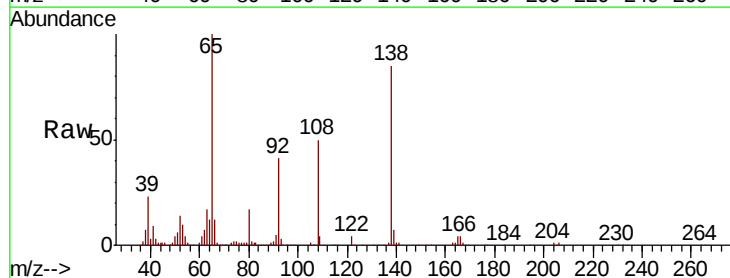
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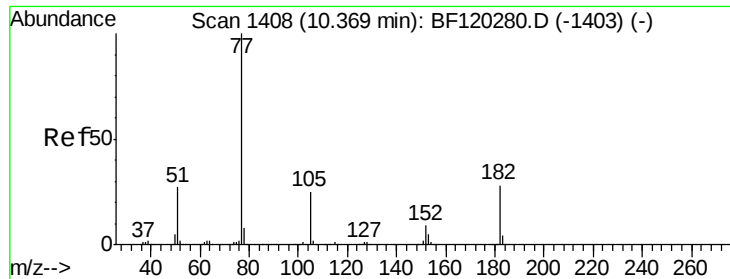
mohammad
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#62
4-Nitroaniline
Concen: 35.159 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	28.9	68.9
108	58.6	38.4	78.4





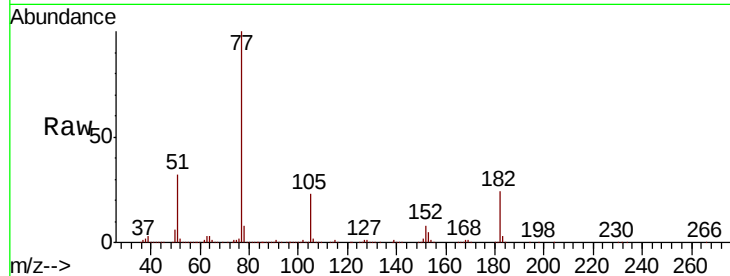
#63
Azobenzene
Concen: 43.286 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

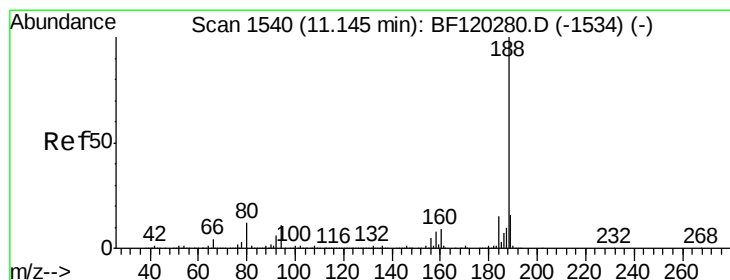
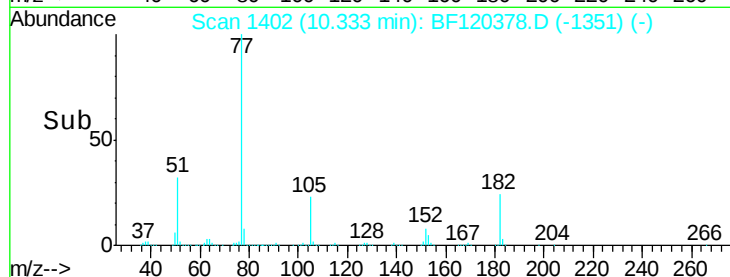
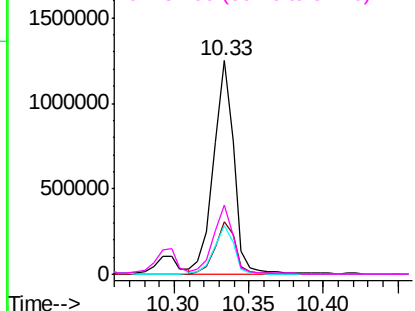
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.3	7.4	47.4	
105	22.7	4.4	44.4	
51	32.2	8.3	48.3	

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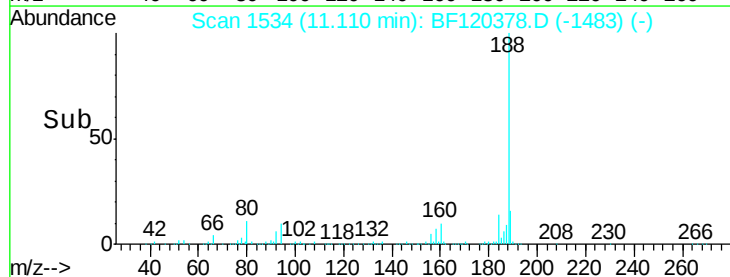
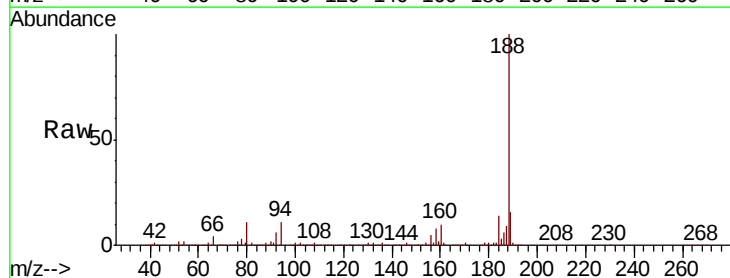
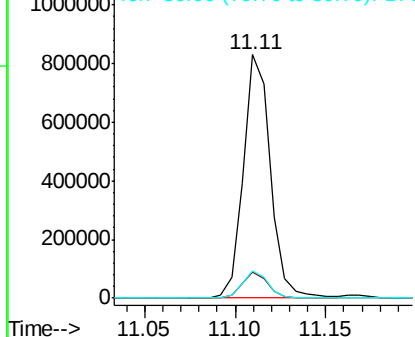
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

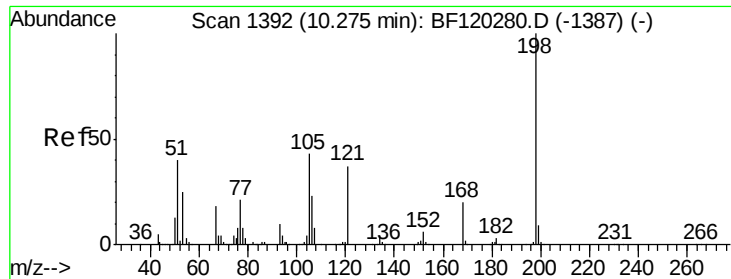


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.6	8.6	13.0	
80	11.1	9.2	13.8	

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





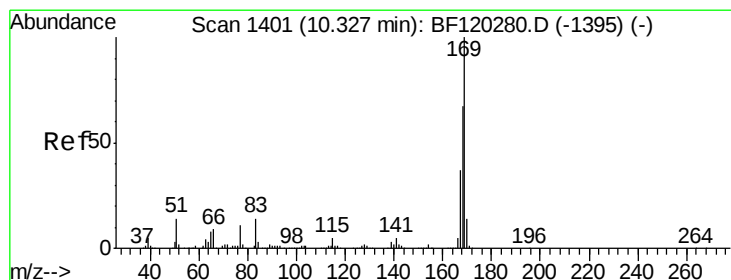
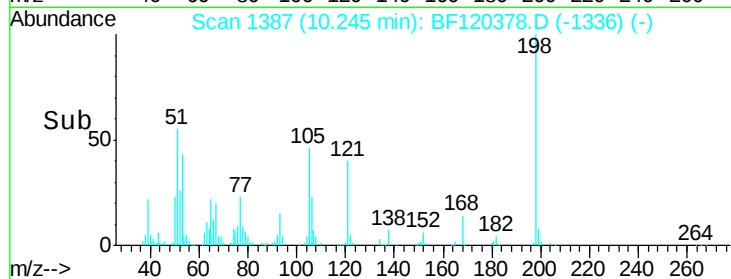
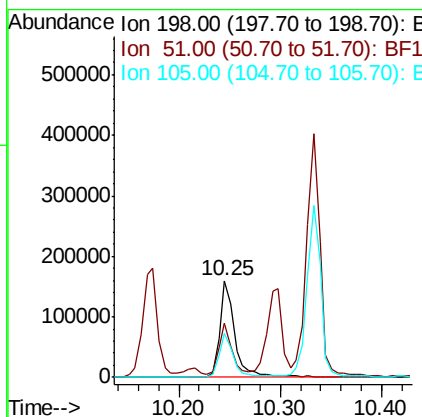
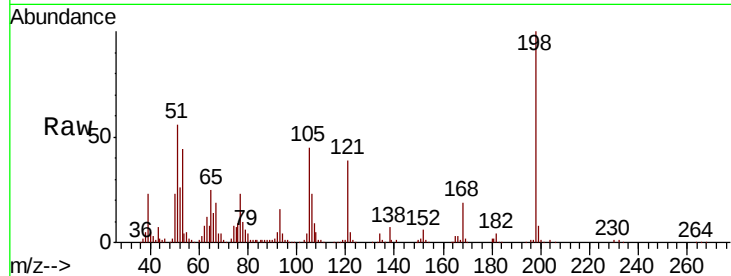
#65
4,6-Dinitro-2-methylphenol
Concen: 37.828 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	165050		
51	55.7	27.1	67.1	
105	45.4	24.3	64.3	

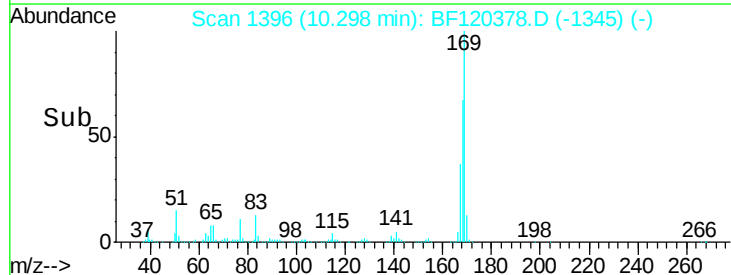
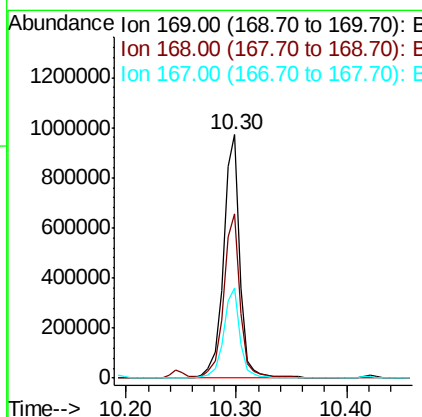
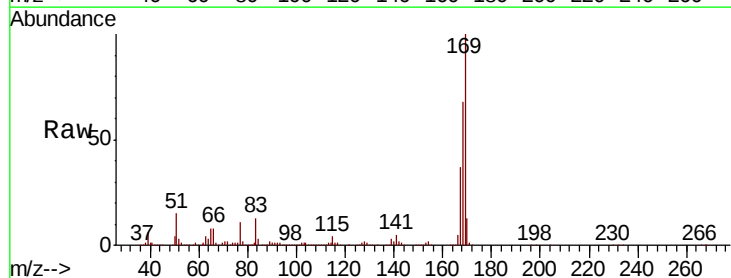
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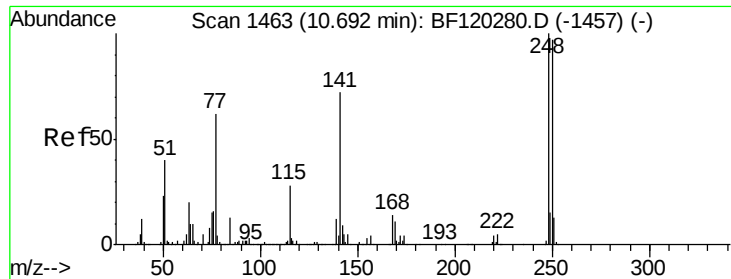
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#66
n-Nitrosodiphenylamine
Concen: 41.894 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	999961		
168	67.6	53.7	80.5	
167	37.0	29.8	44.6	





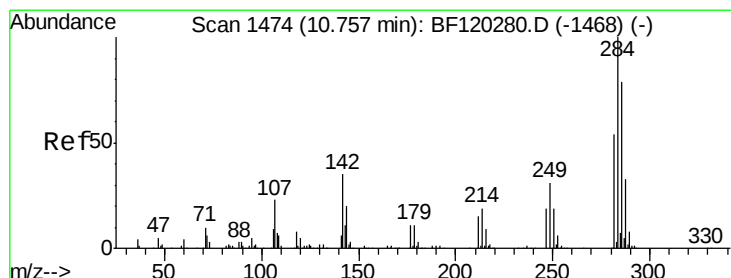
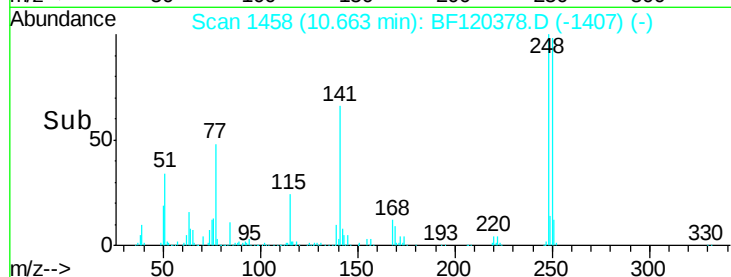
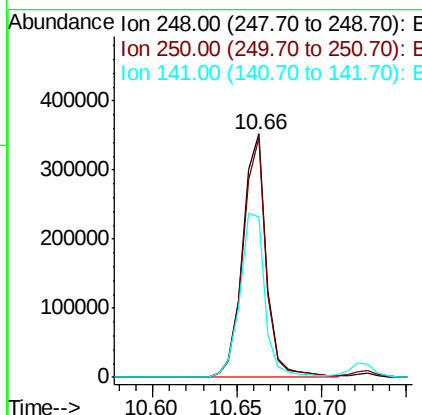
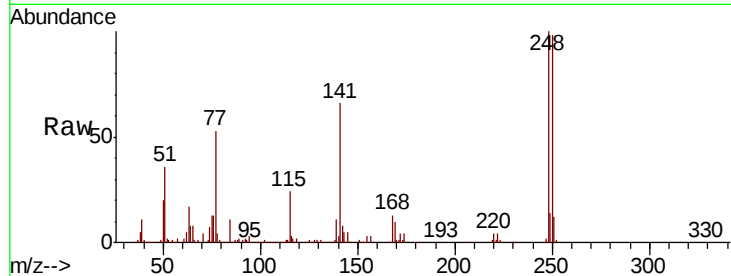
#67
4-Bromophenyl-phenylether
Concen: 41.334 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	77.8	116.6
141	66.1	57.7	86.5

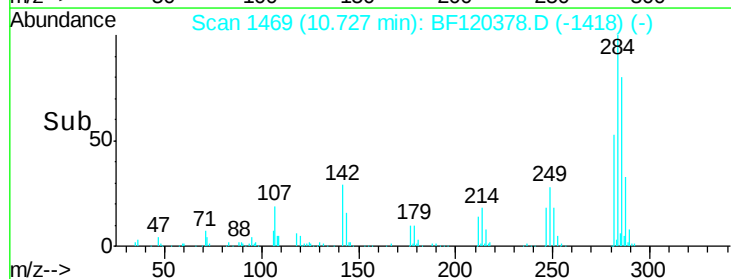
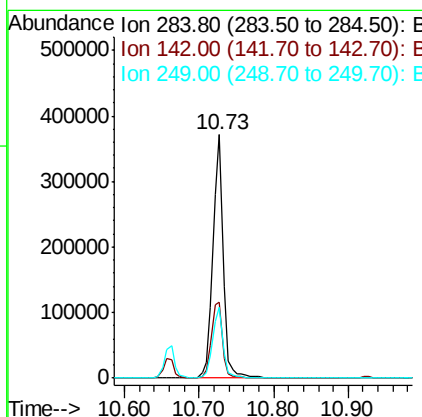
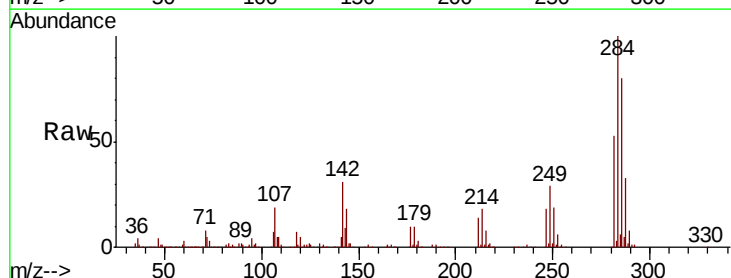
Manual Integrations
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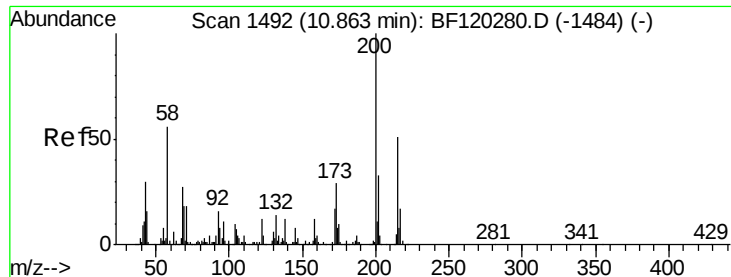
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#68
Hexachlorobenzene
Concen: 40.368 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.0	28.5	42.7
249	29.3	24.8	37.2





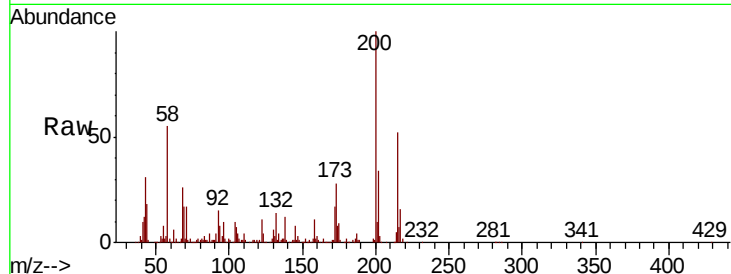
#69
Atrazine
Concen: 39.157 ng
RT: 10.83 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

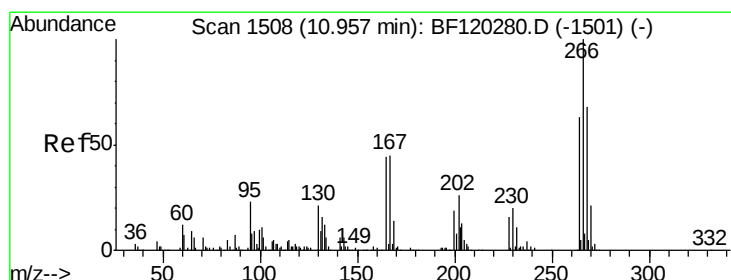
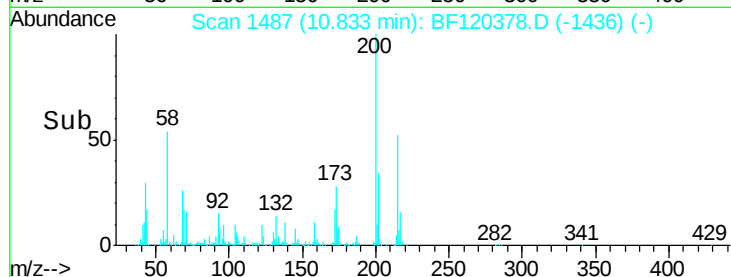
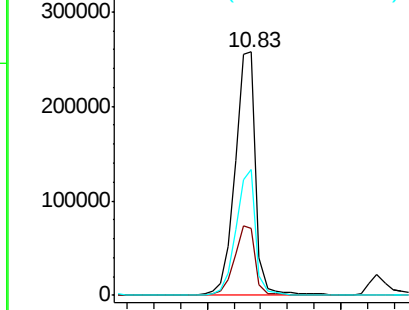
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	8.7	48.7
215	51.6	30.6	70.6

Manual Integrations
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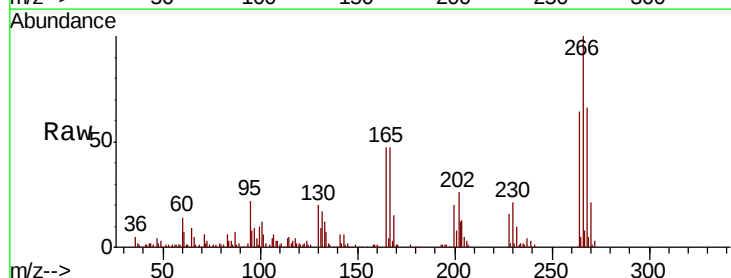


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

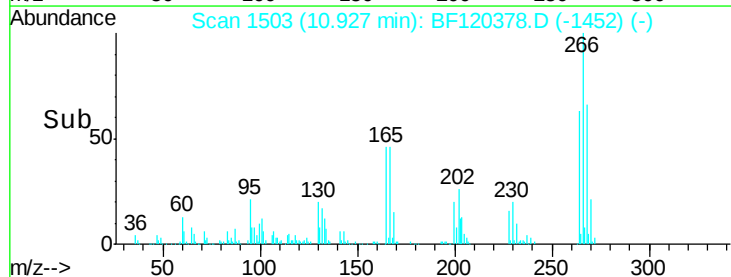
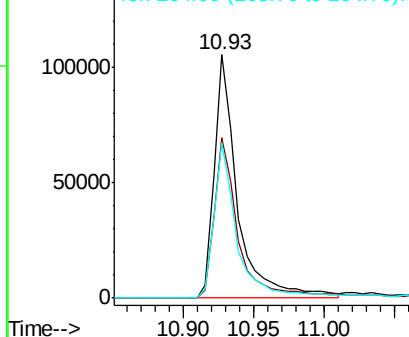


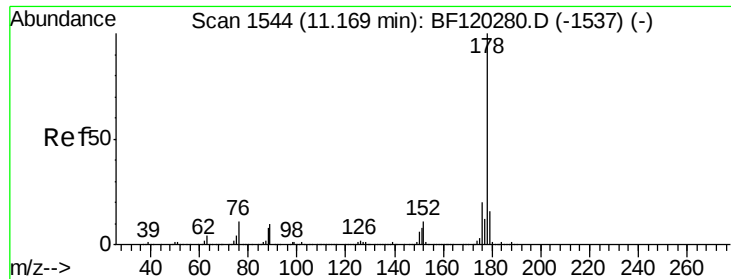
#70
Pentachlorophenol
Concen: 32.712 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.0	54.2	81.4
264	63.7	50.2	75.4



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





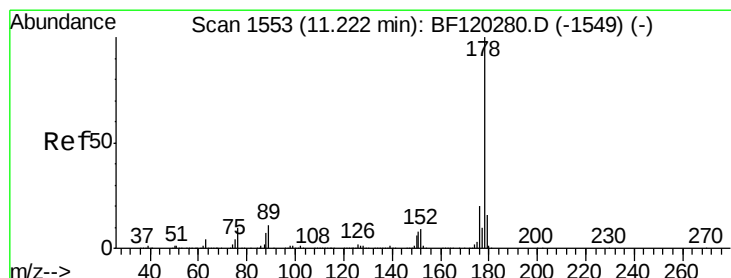
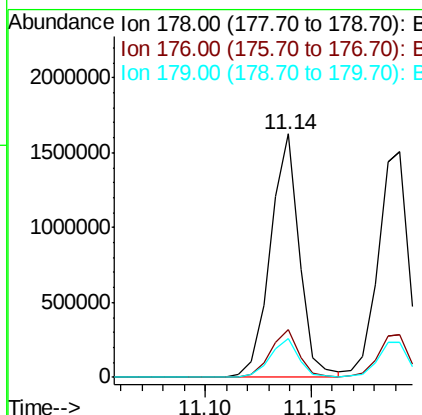
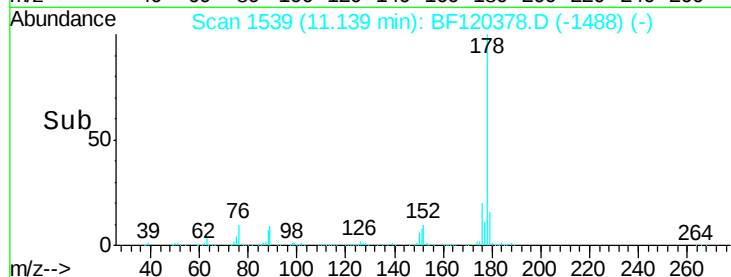
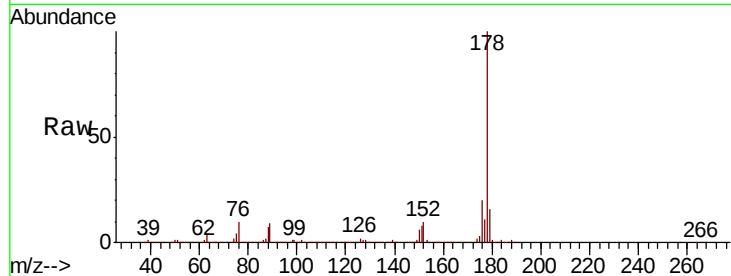
#71
Phenanthrene
Concen: 42.722 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1548786
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 15.8 12.8 19.2

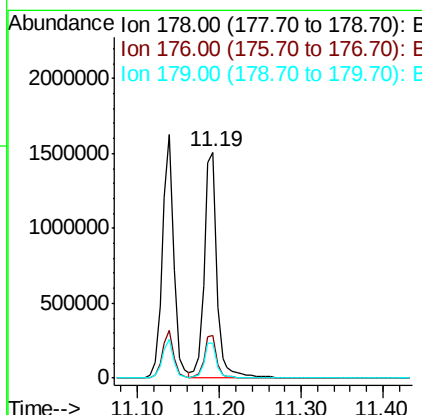
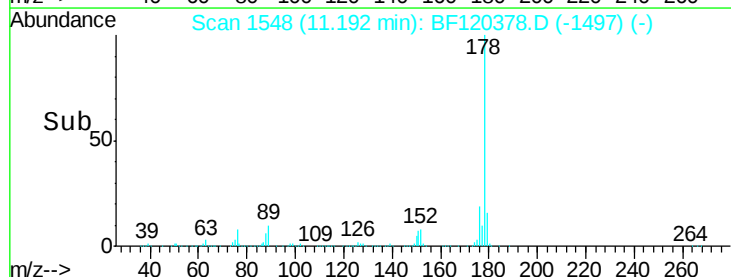
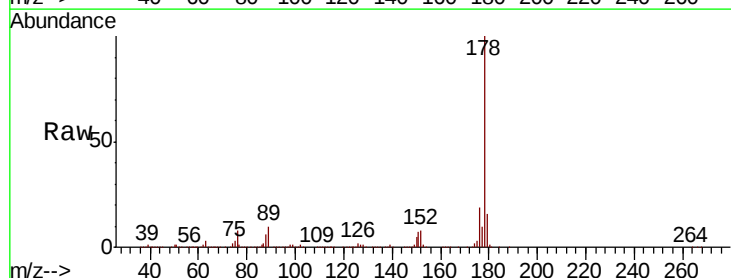
Manual Integrations
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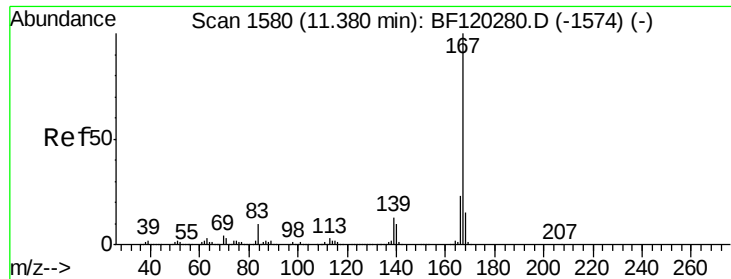
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#72
Anthracene
Concen: 42.220 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Tgt Ion:178 Resp: 1638559
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 15.6 13.0 19.6





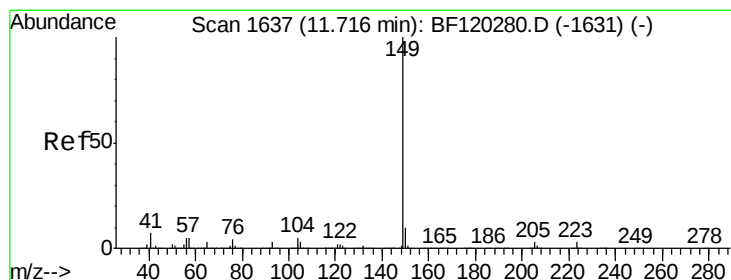
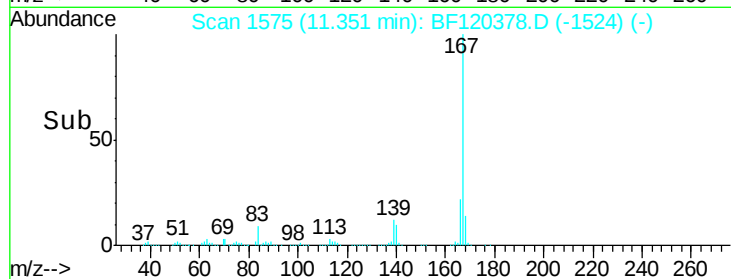
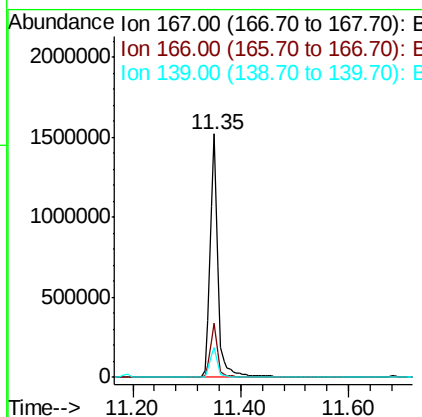
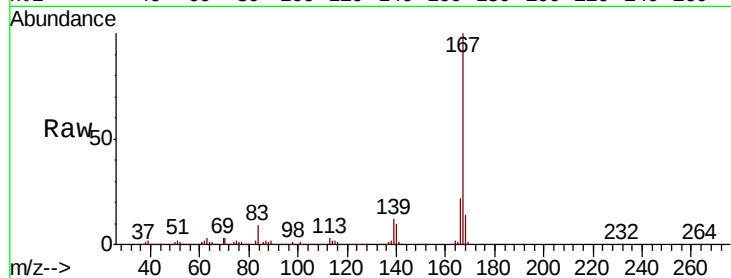
#73
 Carbazole
 Concen: 42.227 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: BF120378.D
 Acq: 21 May 2020 13:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	12.5	10.6	15.8

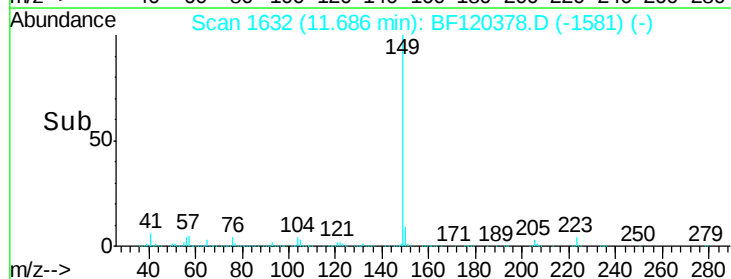
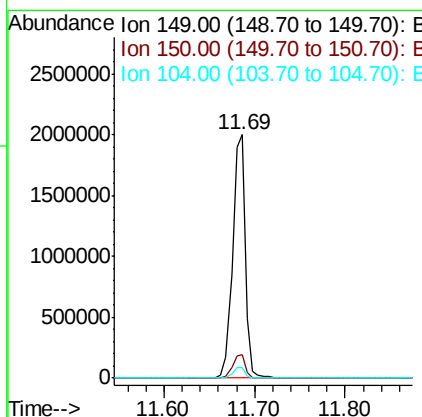
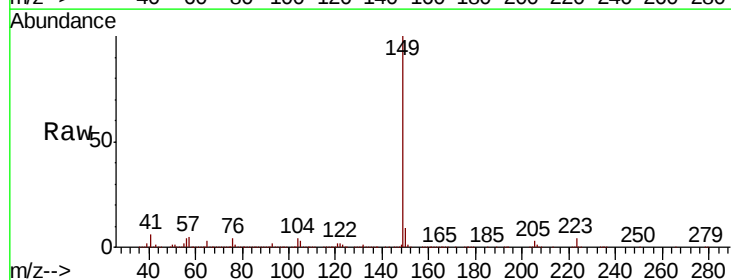
Manual Integrations
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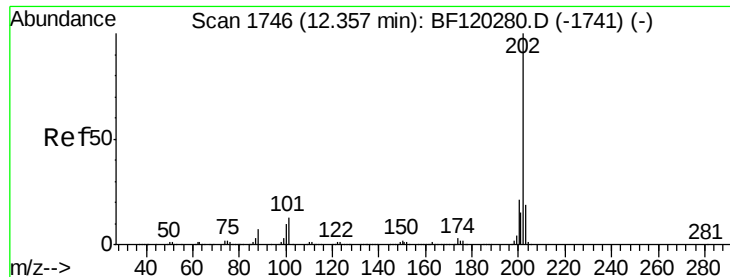
mohammad
 5/22/2020 2:55:42 PM



#74
 Di-n-butylphthalate
 Concen: 45.108 ng
 RT: 11.69 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BF120378.D
 Acq: 21 May 2020 13:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.2	12.4
104	4.3	3.8	5.8





#75

Fluoranthene

Concen: 42.883 ng

RT: 12.32 min Scan# 1740

Delta R.T. 0.00 min

Lab File: BF120378.D

Acq: 21 May 2020 13:23

Instrument :

BNA_F

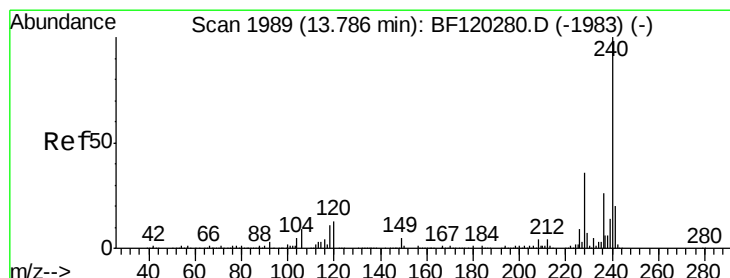
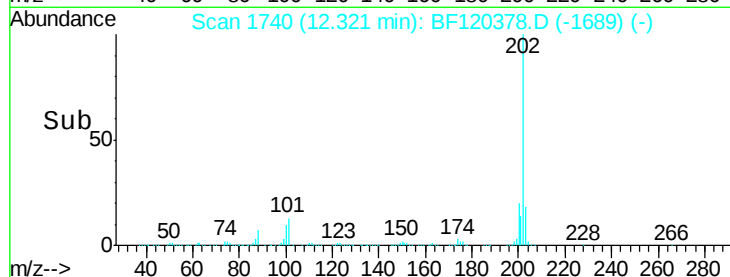
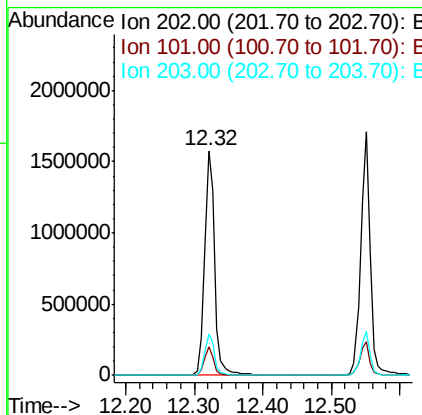
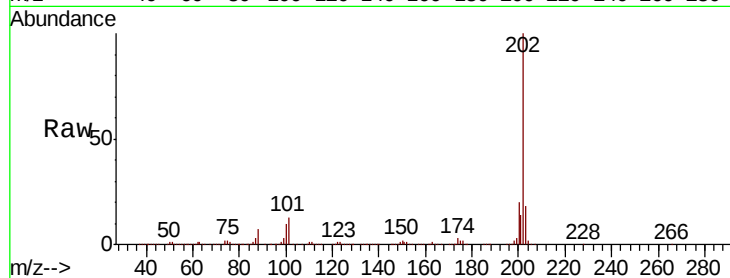
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		1666304		
101	12.8	0.0	33.2		
203	18.2	0.0	39.1		

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#76

Chrysene-d12

Concen: 20.000 ng

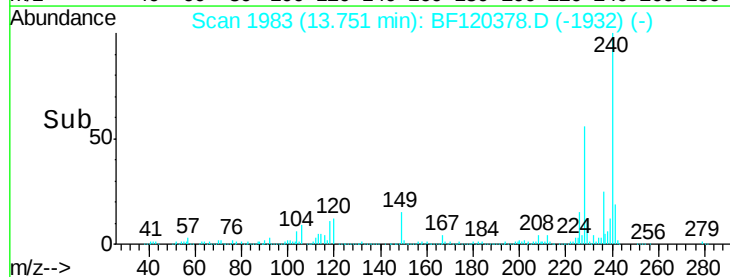
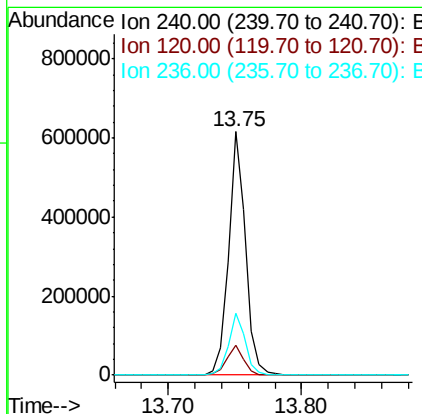
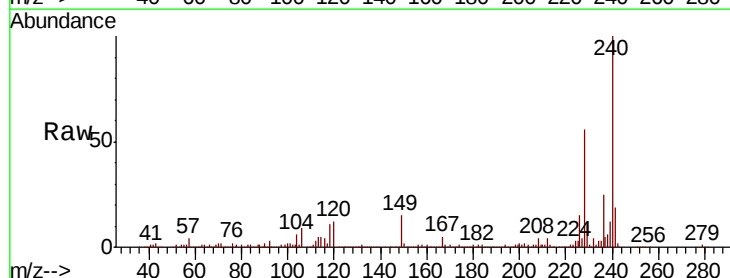
RT: 13.75 min Scan# 1983

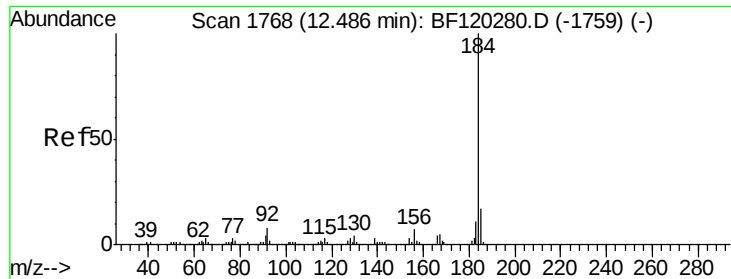
Delta R.T. 0.00 min

Lab File: BF120378.D

Acq: 21 May 2020 13:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		550786		
120	12.3	10.4	15.6		
236	25.4	21.0	31.6		





#77

Benzidine

Concen: 4.585 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.00 min

Lab File: BF120378.D

Acq: 21 May 2020 13:23

Instrument :

BNA_F

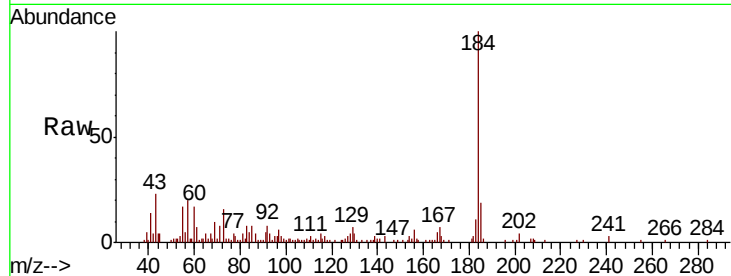
ClientSampleId :

SSTDCCC040

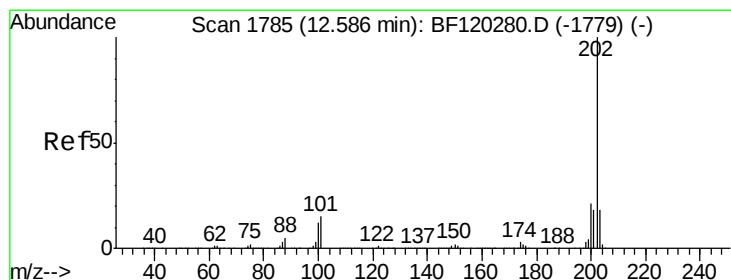
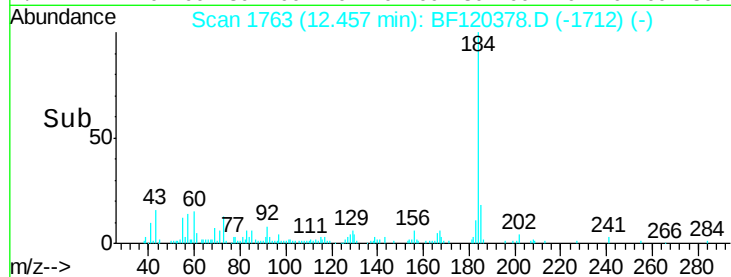
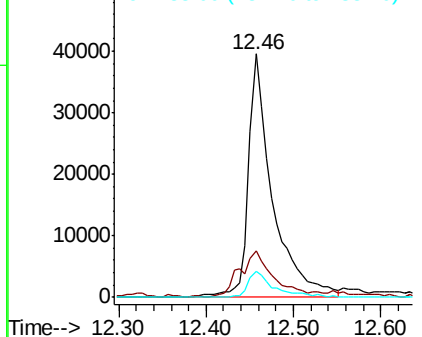
Tot Ion:	184	Resp:	73739
Ion Ratio	Lower	Upper	
184	100		
185	19.0	13.7	20.5
183	10.9	8.7	13.1

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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



#78

Pyrene

Concen: 42.983 ng

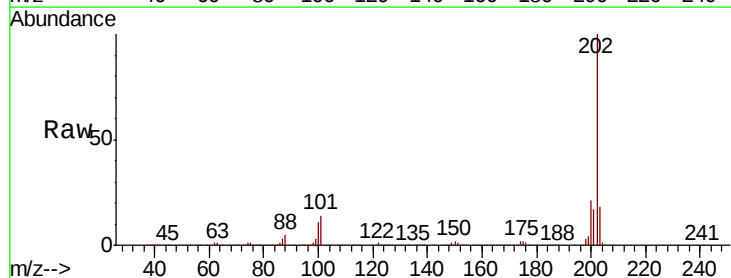
RT: 12.55 min Scan# 1779

Delta R.T. 0.00 min

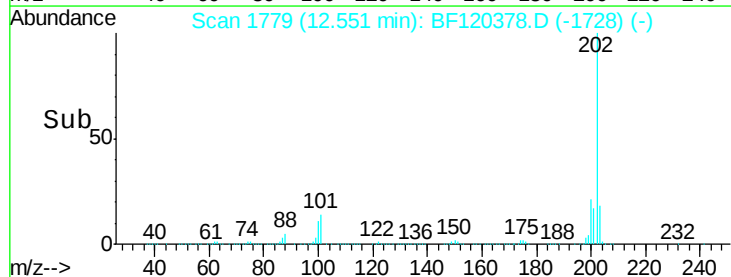
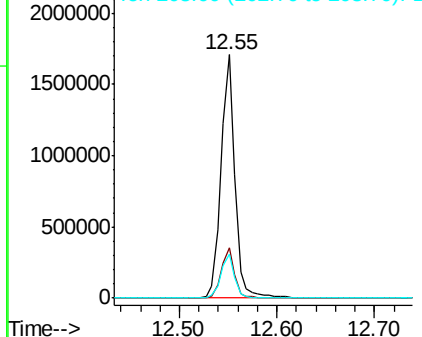
Lab File: BF120378.D

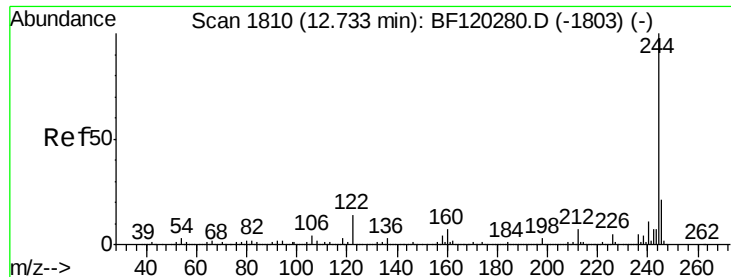
Acq: 21 May 2020 13:23

Tgt Ion:	202	Resp:	1687764
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.6	25.0
203	18.1	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





#79

Terphenyl-d14

Concen: 87.202 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF120378.D

Acq: 21 May 2020 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 2174065

Ion Ratio Lower Upper

244 100

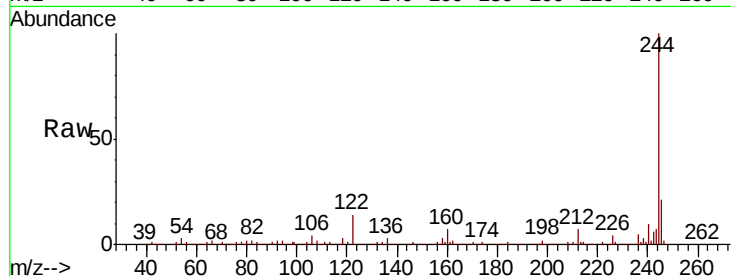
212 7.0 5.8 8.6

122 13.6 10.8 16.2

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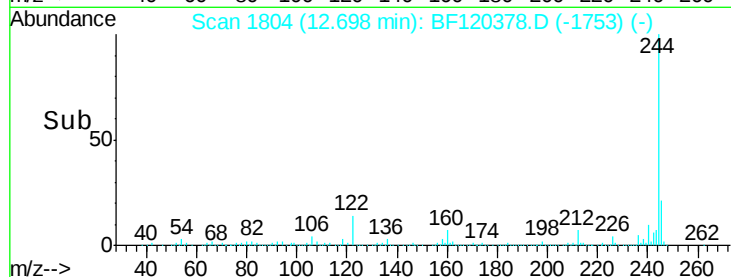


Abundance Ion 244.00 (243.70 to 244.70): E

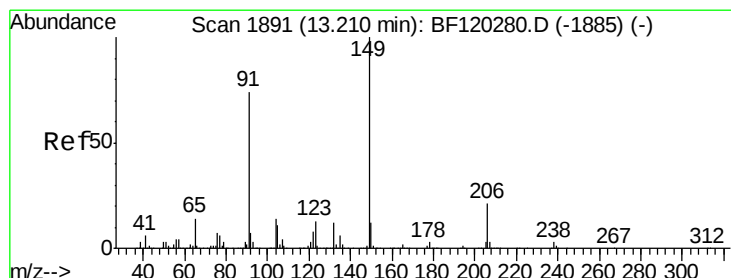
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.70



Time-->



#80

Butylbenzylphthalate

Concen: 41.536 ng

RT: 13.17 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BF120378.D

Acq: 21 May 2020 13:23

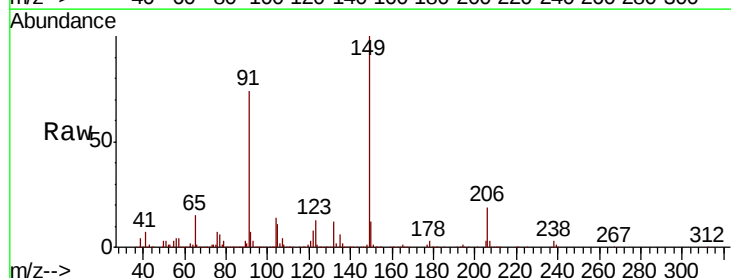
Tgt Ion:149 Resp: 767978

Ion Ratio Lower Upper

149 100

91 73.7 59.0 88.4

206 19.3 16.8 25.2

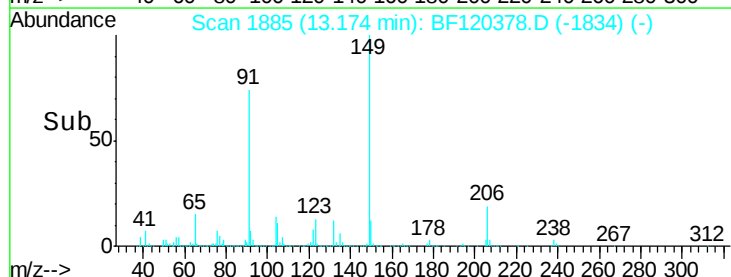


Abundance Ion 149.00 (148.70 to 149.70): E

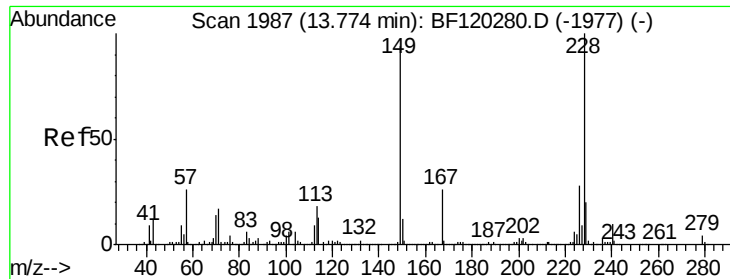
Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

13.17



Time-->



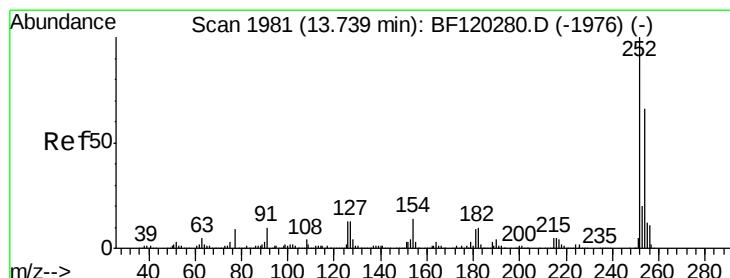
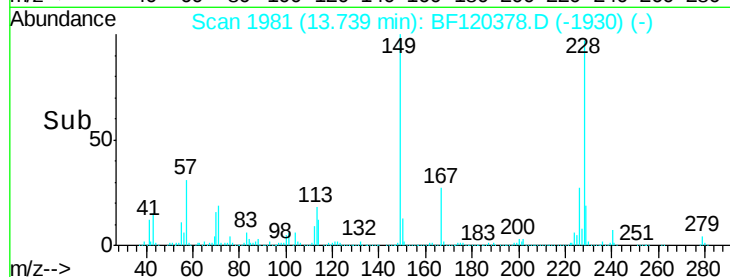
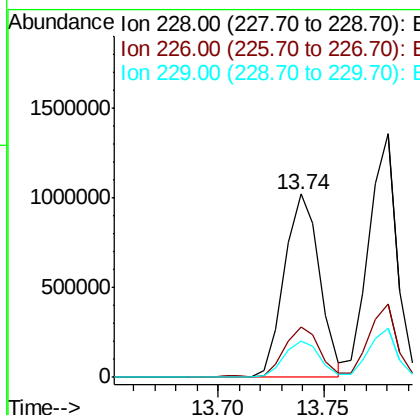
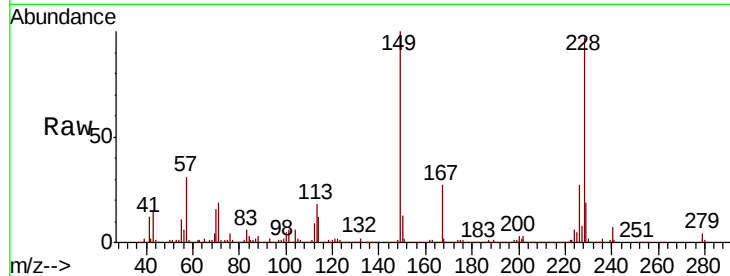
#81
Benzo(a)anthracene
Concen: 40.929 ng
RT: 13.74 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.0	16.4	24.6

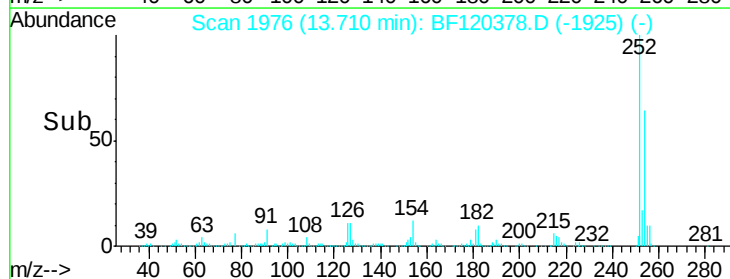
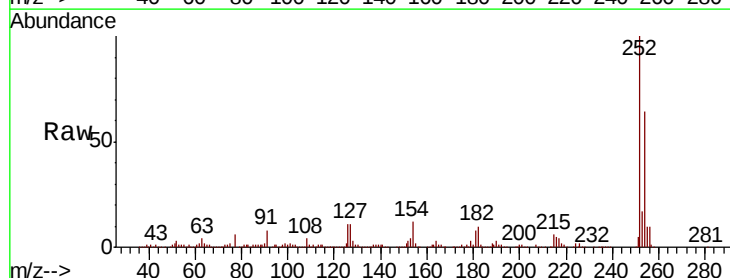
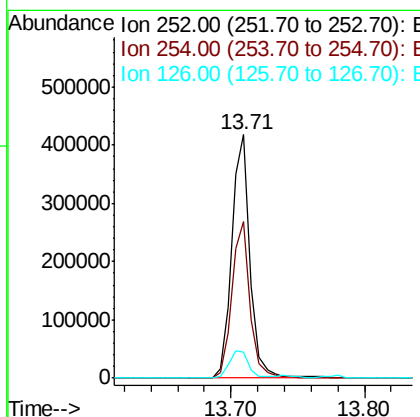
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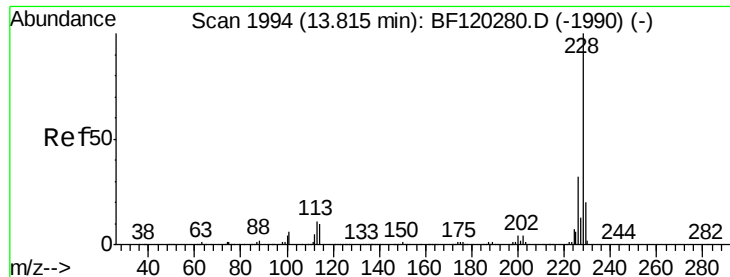
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 36.769 ng
RT: 13.71 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.6	78.8
126	10.6	10.7	16.1





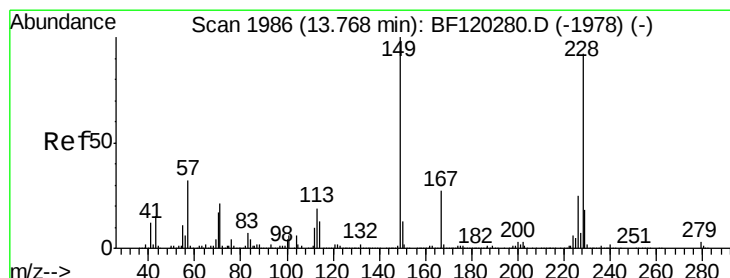
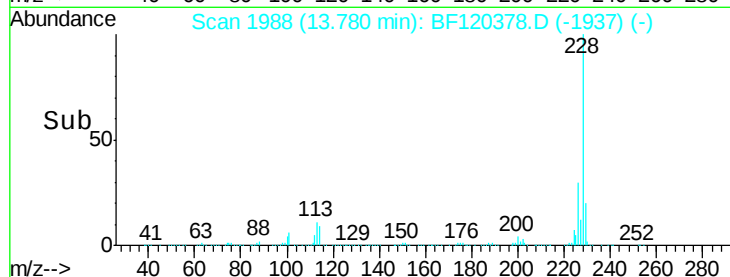
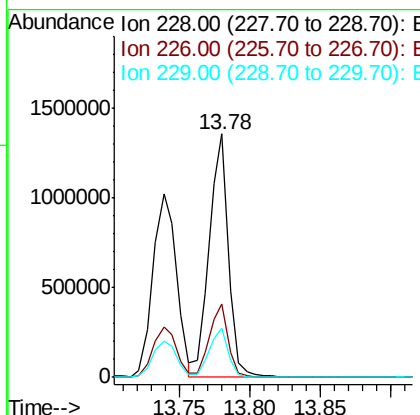
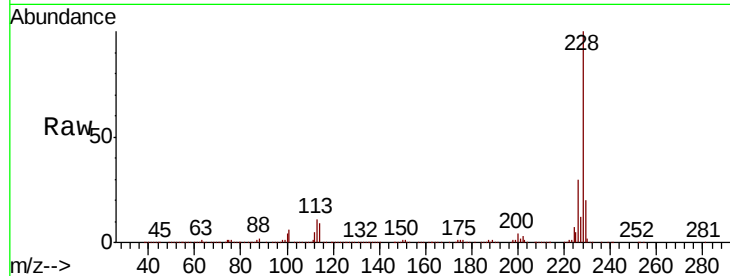
#83
 Chrvsene
 Concen: 41.090 ng
 RT: 13.78 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: BF120378.D
 Acq: 21 May 2020 13:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	20.1	16.2	24.4

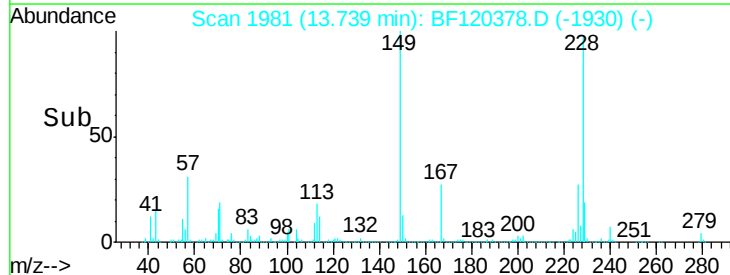
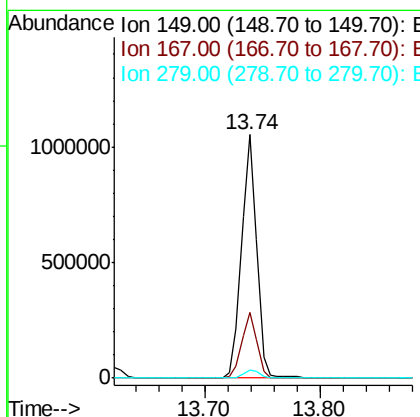
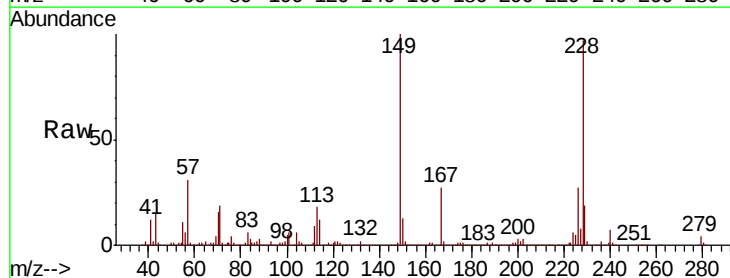
Manual Integrations
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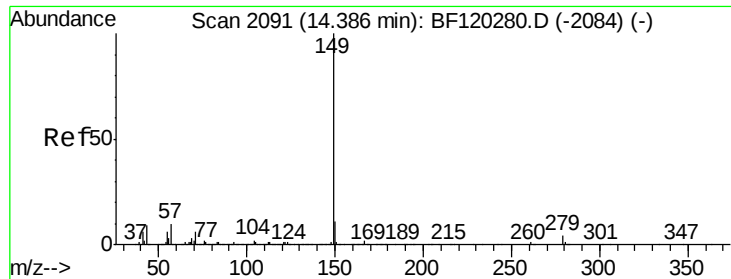
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.681 ng
 RT: 13.74 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: BF120378.D
 Acq: 21 May 2020 13:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.8	32.8
279	3.6	2.8	4.2





#85

Di-n-octyl phthalate

Concen: 39.756 ng

RT: 14.35 min Scan# 2085

Delta R.T. 0.00 min

Lab File: BF120378.D

Acq: 21 May 2020 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1645260

Ion Ratio Lower Upper

149 100

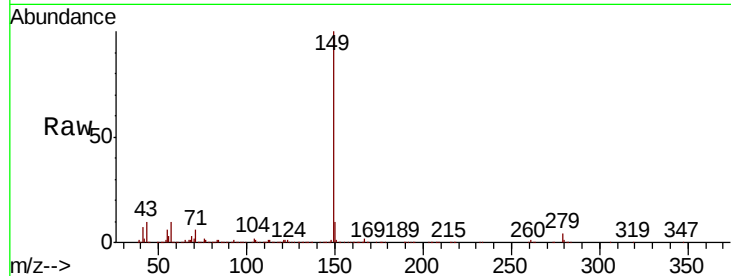
167 1.6 1.3 1.9

43 10.0 7.5 11.3

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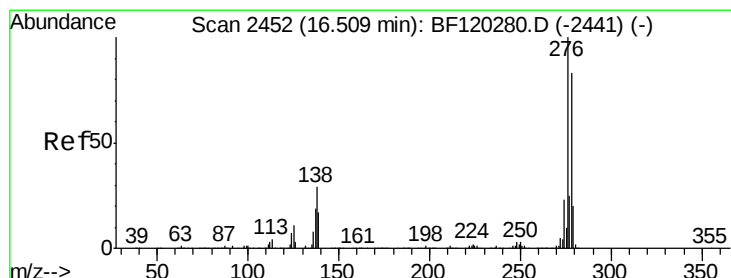
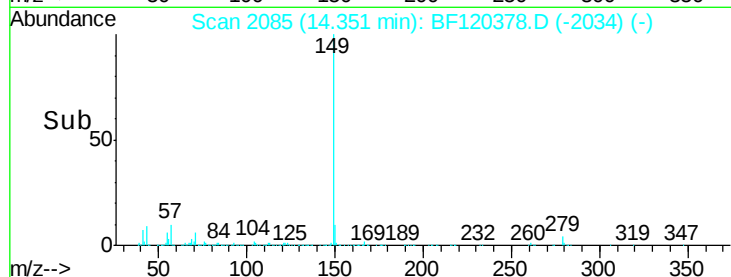
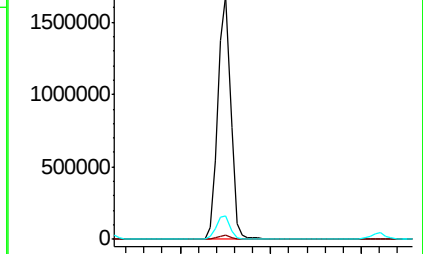
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.566 ng

RT: 16.44 min Scan# 2441

Delta R.T. 0.00 min

Lab File: BF120378.D

Acq: 21 May 2020 13:23

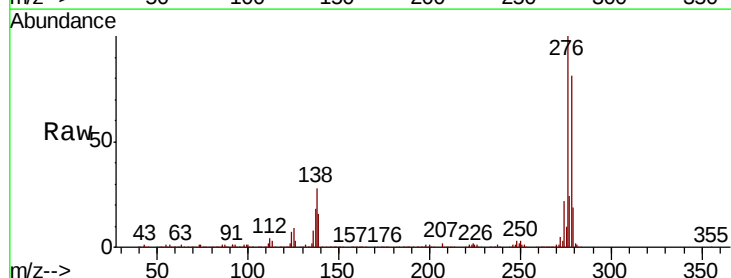
Tgt Ion:276 Resp: 1006958

Ion Ratio Lower Upper

276 100

138 27.4 23.3 34.9

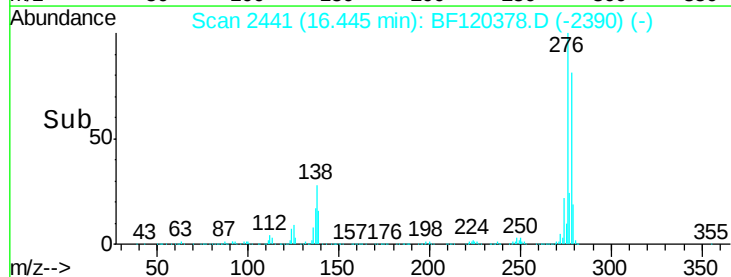
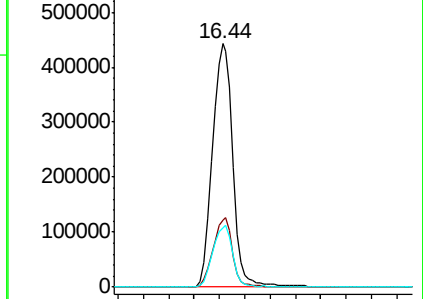
277 25.0 20.2 30.4

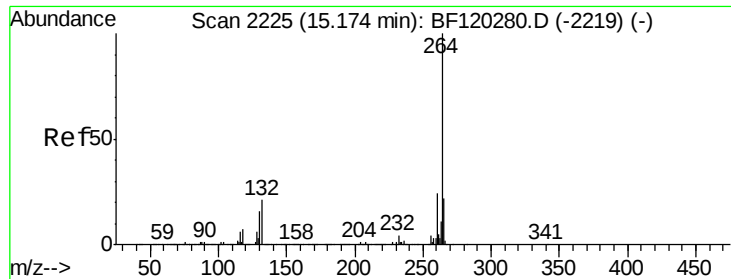


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





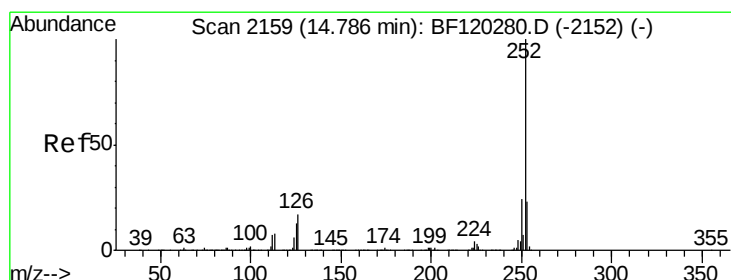
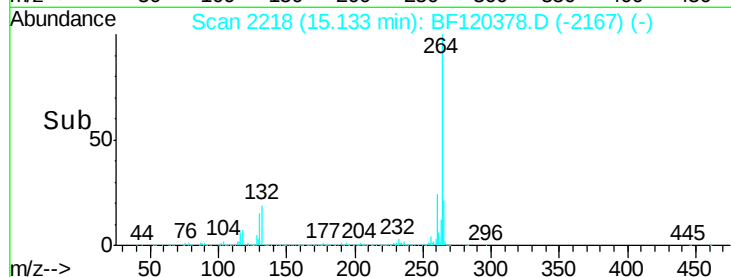
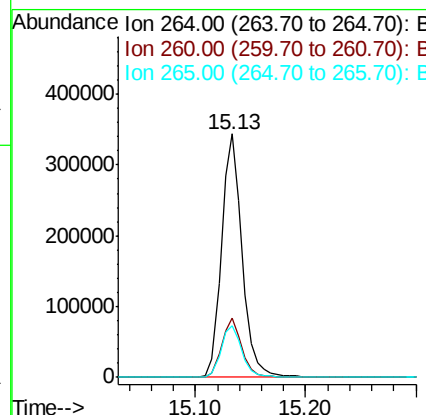
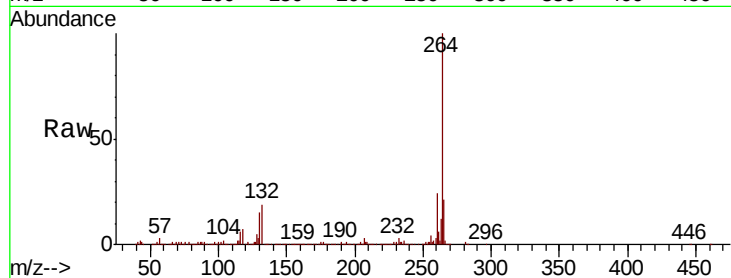
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.6
265	21.1	17.5	26.3

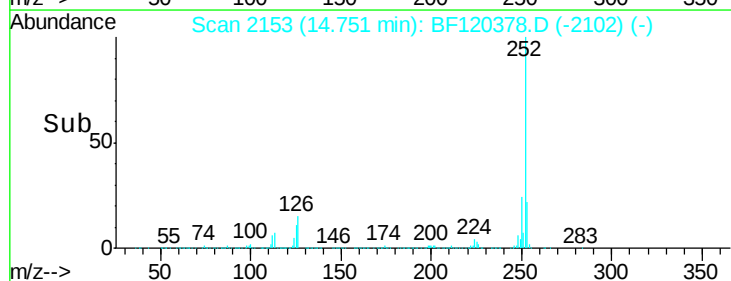
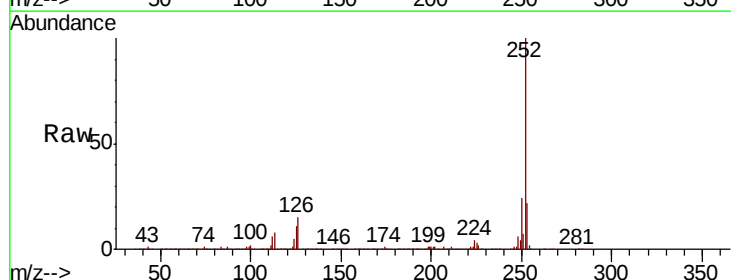
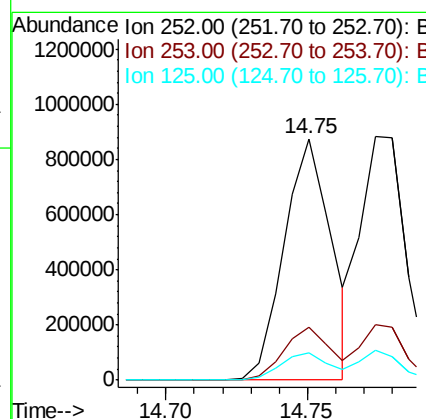
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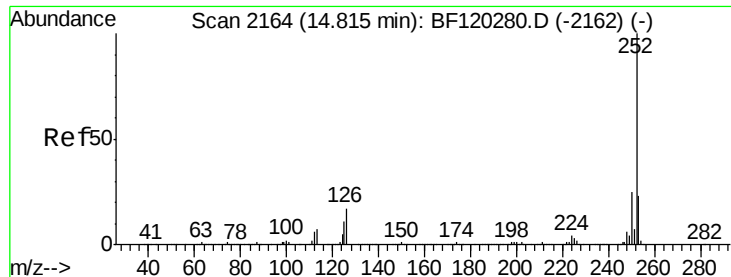
mohammad
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#88
Benzo(b)fluoranthene
Concen: 41.713 ng
RT: 14.75 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	11.3	10.4	15.6





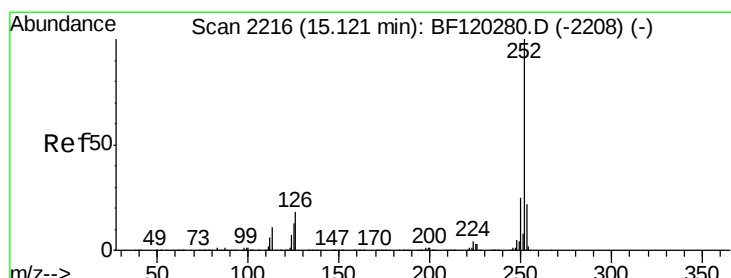
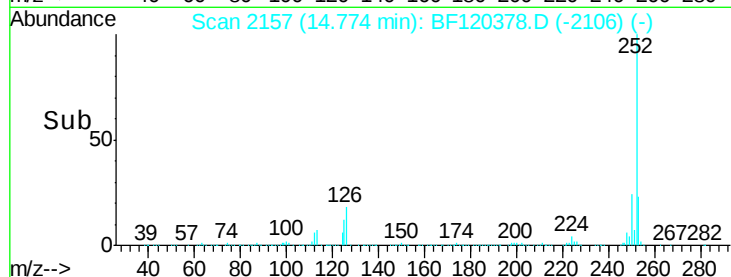
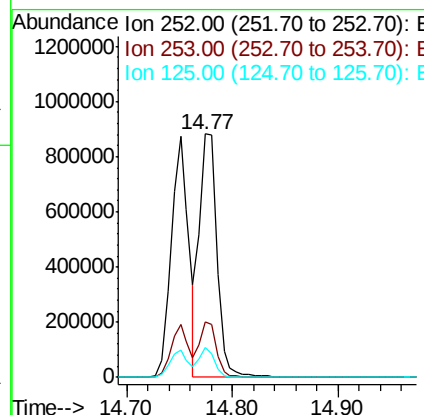
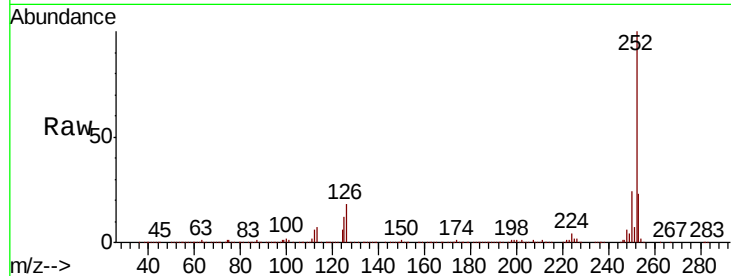
#89
Benzo(k)fluoranthene
Concen: 47.644 ng
RT: 14.77 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	12.3	9.9	14.9

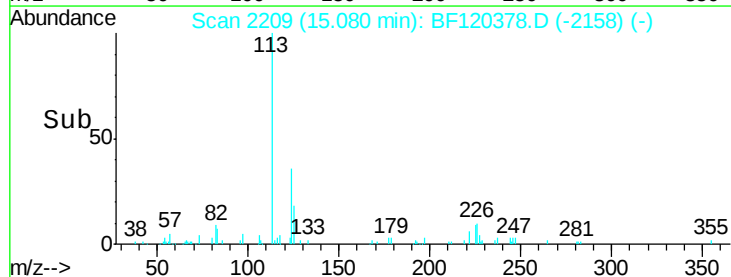
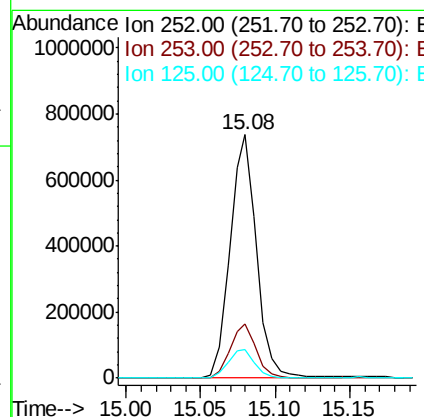
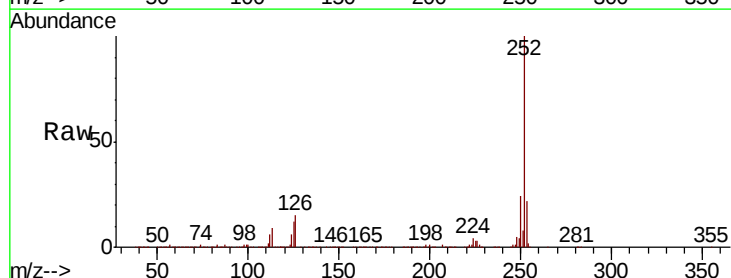
Manual Integrations
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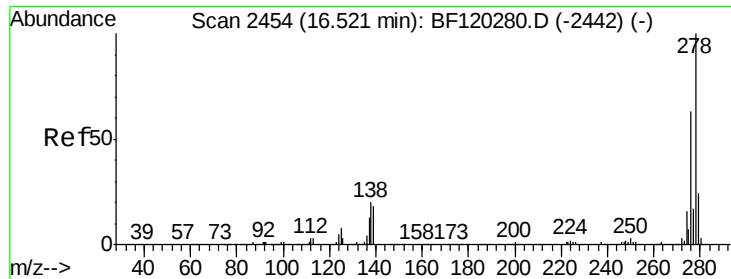
mohammad
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#90
Benzo(a)pyrene
Concen: 42.061 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	11.8	10.6	16.0





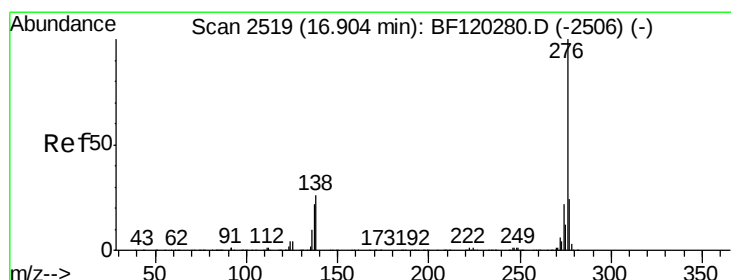
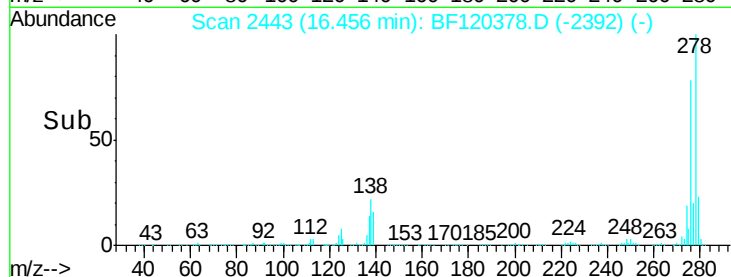
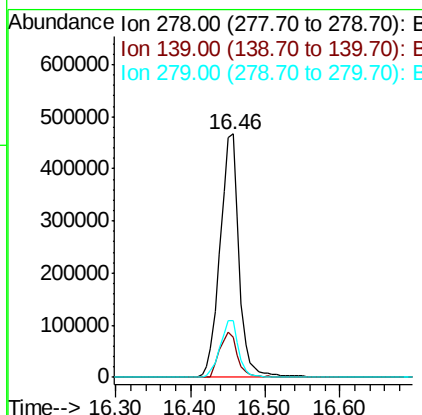
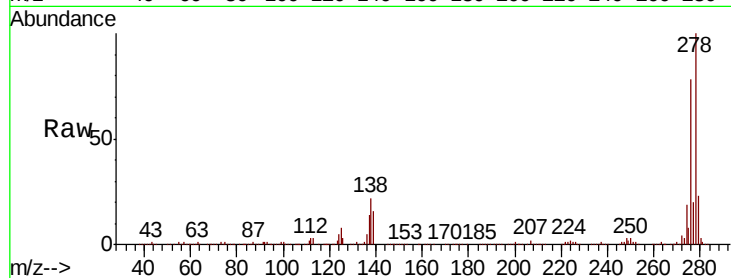
#91
Dibenzo(a,h)anthracene
Concen: 42.894 ng
RT: 16.46 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	14.7	22.1
279	23.1	19.2	28.8

Manual Integrations
APPROVED

mohammad
5/22/2020 2:55:42 PM



#92
Benzo(g,h,i)perylene
Concen: 42.106 ng
RT: 16.83 min Scan# 2507
Delta R.T. 0.00 min
Lab File: BF120378.D
Acq: 21 May 2020 13:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	24.4	20.8	31.2

