

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
 Data File : BF120188.D
 Acq On : 24 Apr 2020 8:48
 Operator : MA/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 4/27/2020 3:04:01 PM

Quant Time: Apr 24 09:32:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:31:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	139620	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	546642	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	283358	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	516747	20.00	ng	0.00
76) Chrysene-d12	13.83	240	324687	20.00	ng	0.00
87) Perylene-d12	15.22	264	272229	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	702204	86.92	ng	0.00
7) Phenol-d6	6.32	99	917202	88.11	ng	0.00
23) Nitrobenzene-d5	7.24	82	841989	79.68	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	246200	70.97	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1652226	82.79	ng	0.00
79) Terphenyl-d14	12.77	244	1652775	85.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	147543	41.002	ng	99
3) Pyridine	2.95	79	416773	42.215	ng	97
4) n-Nitrosodimethylamine	2.91	42	206512	40.940	ng	99
6) Aniline	6.33	93	575463	42.117	ng	# 24
8) 2-Chlorophenol	6.45	128	389618	43.162	ng	97
9) Benzaldehyde	6.21	77	233717	43.395	ng	96
10) Phenol	6.33	94	501870	42.494	ng	# 65
11) bis(2-Chloroethyl)ether	6.41	93	388530	42.607	ng	98
12) 1,3-Dichlorobenzene	6.60	146	419723	42.471	ng	97
13) 1,4-Dichlorobenzene	6.68	146	422300	41.949	ng	99
14) 1,2-Dichlorobenzene	6.84	146	402874	43.424	ng	98
15) Benzyl Alcohol	6.82	79	337482	41.739	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	700564	39.480	ng	95
17) 2-Methylphenol	6.93	107	346575	43.022	ng	97
18) Hexachloroethane	7.17	117	159779	42.469	ng	95
19) n-Nitroso-di-n-propylamine	7.09	70	280226	41.861	ng	98
20) 3+4-Methylphenols	7.09	107	437837	44.440	ng	90
22) Acetophenone	7.09	105	526753	41.151	ng	# 92
24) Nitrobenzene	7.26	77	423468	39.839	ng	100
25) Isophorone	7.50	82	780833	38.334	ng	99
26) 2-Nitrophenol	7.57	139	210517	39.642	ng	98
27) 2,4-Dimethylphenol	7.62	122	303655	37.913	ng	97
28) bis(2-Chloroethoxy)methane	7.71	93	488931	40.792	ng	99
29) 2,4-Dichlorophenol	7.82	162	331215	40.345	ng	99
30) 1,2,4-Trichlorobenzene	7.89	180	372213	40.013	ng	99
31) Naphthalene	7.97	128	1181858	41.093	ng	98
32) Benzoic acid	7.76	122	230688	32.796	ng	98
33) 4-Chloroaniline	8.03	127	510919	40.806	ng	99
34) Hexachlorobutadiene	8.09	225	222024	39.872	ng	98
35) Caprolactam	8.41	113	99287m	39.536	ng	
36) 4-Chloro-3-methylphenol	8.52	107	358742	40.361	ng	98
37) 2-Methylnaphthalene	8.66	142	795464	40.796	ng	99
38) 1-Methylnaphthalene	8.76	142	738654	40.191	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	364682	40.748	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
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 BNA_F
 ClientSampleID :
 SSTDC040

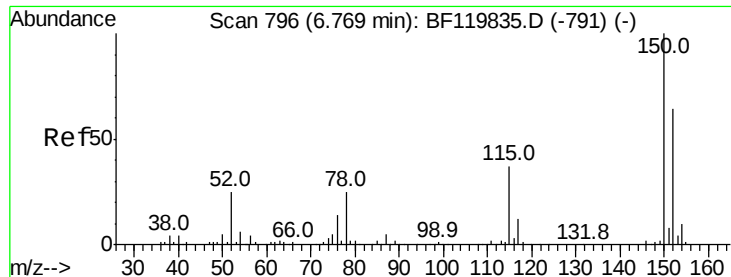
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	173493	34.091	nq	98
43) 2,4,6-Trichlorophenol	8.95	196	242156	39.183	nq	99
44) 2,4,5-Trichlorophenol	8.99	196	272157	39.099	nq	95
46) 1,1'-Biphenyl	9.13	154	984058	41.145	nq	99
47) 2-Chloronaphthalene	9.16	162	749868	40.700	nq	97
48) 2-Nitroaniline	9.26	65	273103	40.903	nq	96
49) Acenaphthylene	9.57	152	1143756	40.819	nq	98
50) Dimethylphthalate	9.44	163	880814	40.188	nq	100
51) 2,6-Dinitrotoluene	9.50	165	197415	41.132	nq #	86
52) Acenaphthene	9.74	154	692458	37.047	nq	98
53) 3-Nitroaniline	9.67	138	218724	39.902	nq	99
54) 2,4-Dinitrophenol	9.77	184	101903	35.463	nq #	86
55) Dibenzofuran	9.92	168	1047447	40.838	nq	96
56) 4-Nitrophenol	9.84	139	139819	34.282	nq	98
57) 2,4-Dinitrotoluene	9.90	165	249591	39.471	nq	97
58) Fluorene	10.26	166	799640	38.983	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.03	232	203189	38.167	nq	98
60) Diethylphthalate	10.14	149	910754	40.093	nq	99
61) 4-Chlorophenyl-phenylether	10.25	204	407597	38.769	nq	96
62) 4-Nitroaniline	10.29	138	217757	41.685	nq	96
63) Azobenzene	10.41	77	825332	40.542	nq	98
65) 4,6-Dinitro-2-methylphenol	10.32	198	124766	36.649	nq	94
66) n-Nitrosodiphenylamine	10.37	169	728058	42.365	nq	99
67) 4-Bromophenyl-phenylether	10.74	248	252436	39.282	nq	96
68) Hexachlorobenzene	10.80	284	257430	39.488	nq	91
69) Atrazine	10.90	200	197000	41.200	nq	97
70) Pentachlorophenol	11.00	266	139085	37.021	nq	99
71) Phenanthrene	11.22	178	1125946	40.941	nq	97
72) Anthracene	11.26	178	1144032	40.721	nq	97
73) Carbazole	11.42	167	1062183	39.979	nq	99
74) Di-n-butylphthalate	11.76	149	1394106	39.915	nq	98
75) Fluoranthene	12.40	202	1222225	41.188	nq	99
77) Benzidine	12.52	184	446269	40.661	nq	98
78) Pyrene	12.63	202	1208836	44.164	nq	98
80) Butylbenzylphthalate	13.25	149	570974	42.989	nq	96
81) Benzo(a)anthracene	13.82	228	894969	41.899	nq	99
82) 3,3'-Dichlorobenzidine	13.78	252	304597	38.218	nq	99
83) Chrysene	13.85	228	885855	40.816	nq	98
84) Bis(2-ethylhexyl)phthalate	13.82	149	793334	44.108	nq	98
85) Di-n-octyl phthalate	14.43	149	1312127	42.846	nq	98
86) Indeno(1,2,3-cd)pyrene	16.57	276	652187	34.090	nq	100
88) Benzo(b)fluoranthene	14.83	252	798305	40.764	nq	98
89) Benzo(k)fluoranthene	14.86	252	681037	40.305	nq	99
90) Benzo(a)pyrene	15.17	252	667815	40.558	nq	97
91) Dibenzo(a,h)anthracene	16.59	278	531654	36.451	nq	100
92) Benzo(g,h,i)perylene	16.97	276	535101	37.167	nq	99

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



#1

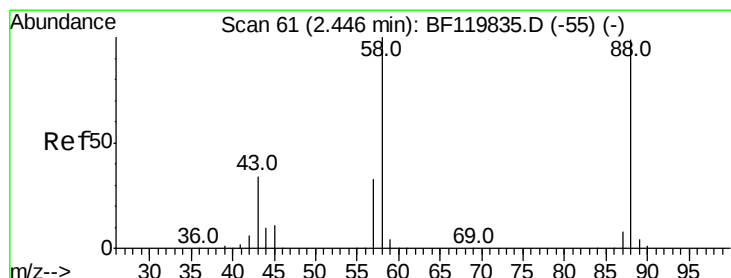
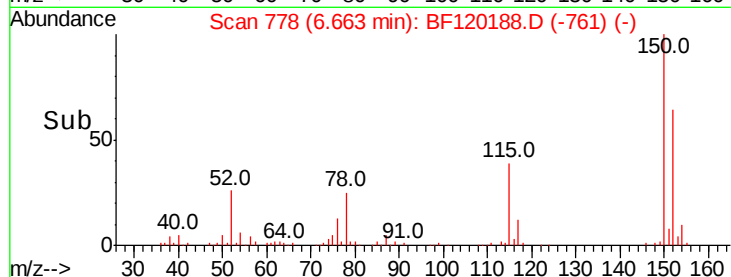
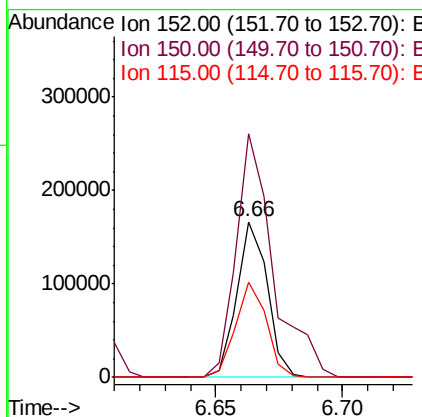
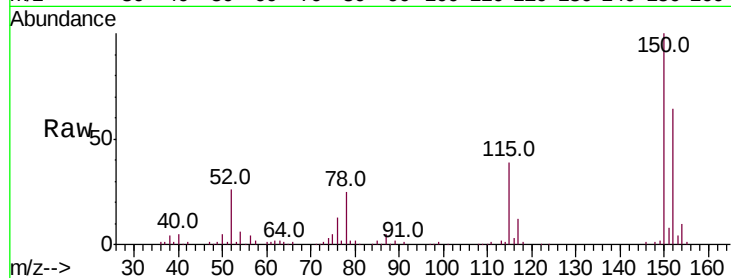
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.5	186.7
115	60.9	49.6	74.4

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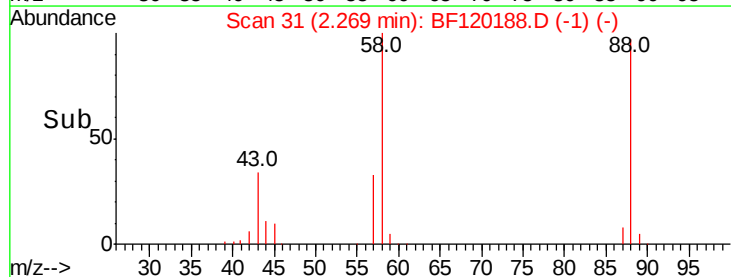
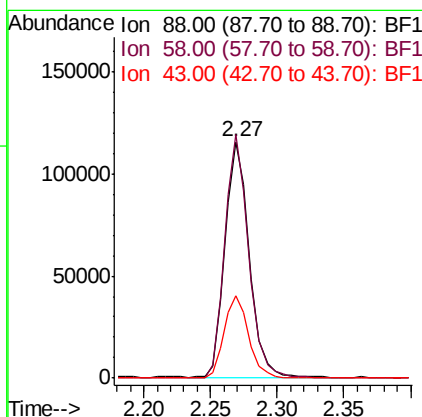
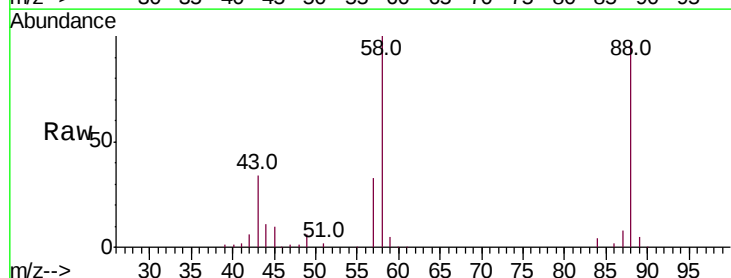
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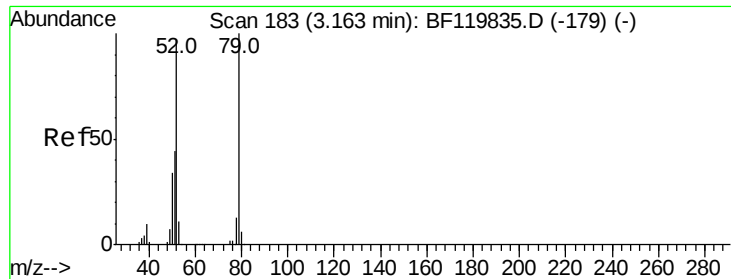


#2

1,4-Dioxane
Concen: 41.002 ng
RT: 2.27 min Scan# 31
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.8	80.6	121.0
43	35.4	27.5	41.3





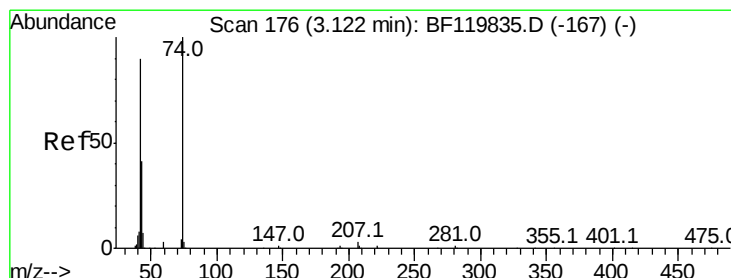
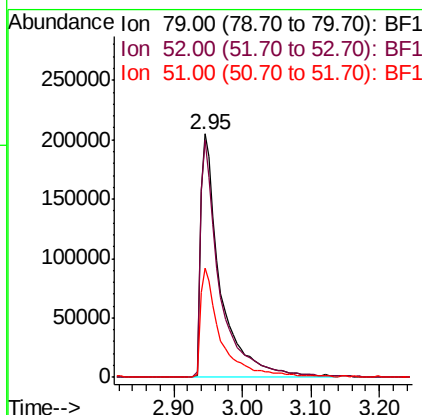
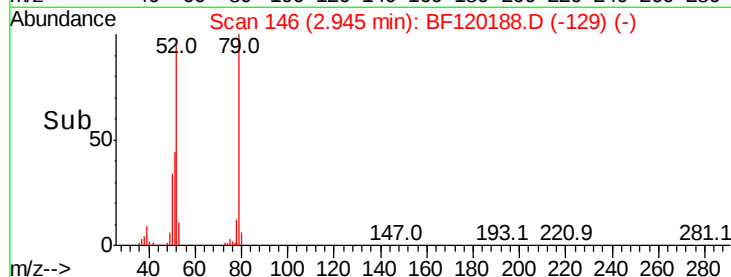
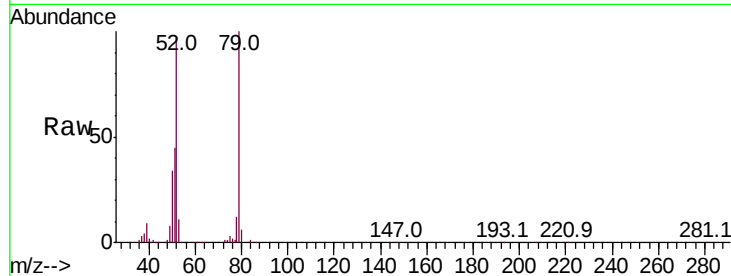
#3
Pvridine
Concen: 42.215 ng
RT: 2.95 min Scan# 146
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	97.3	80.2	120.2	
51	44.7	37.7	56.5	

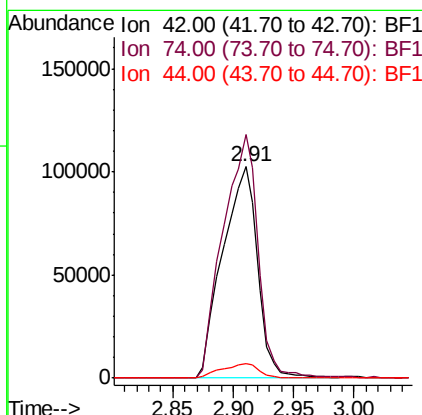
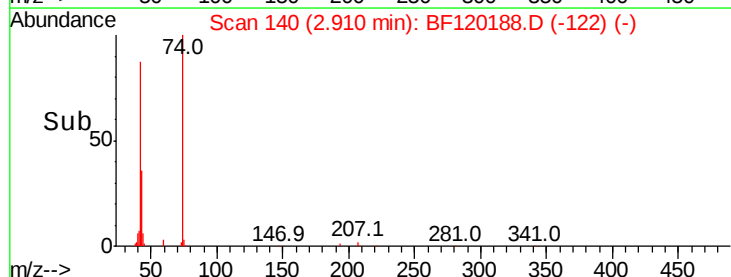
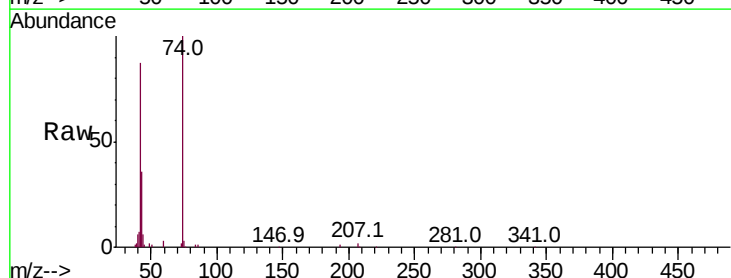
Manual Integrations
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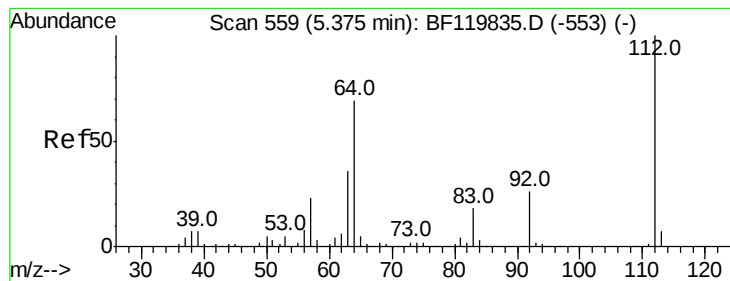
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#4
n-Nitrosodimethylamine
Concen: 40.940 ng
RT: 2.91 min Scan# 140
Delta R.T. 0.01 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	115.3	91.5	137.3	
44	6.9	6.2	9.4	





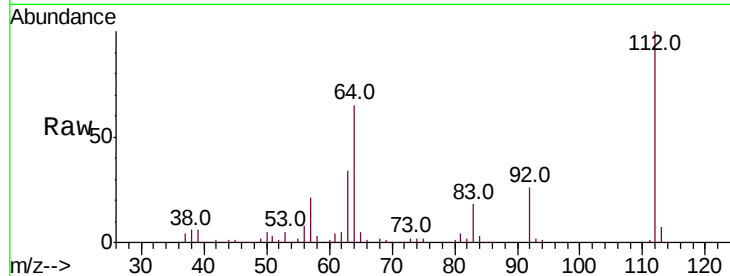
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2-Fluorophenol
Concen: 86.917 ng
RT: 5.27 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

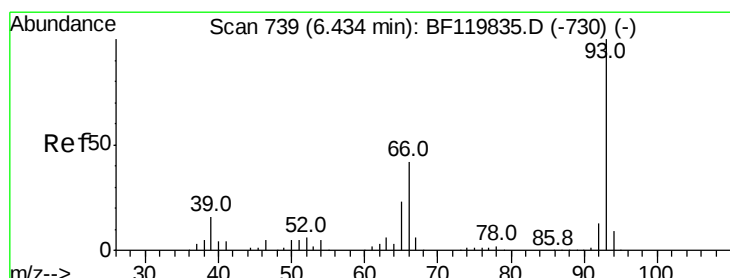
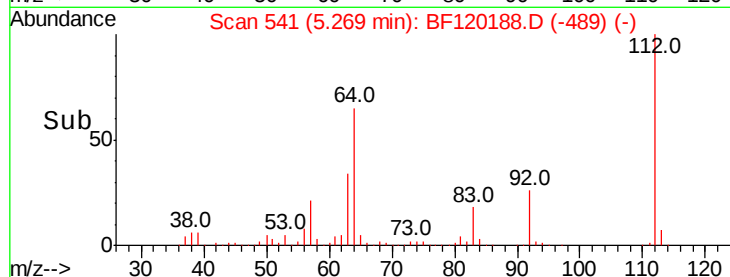
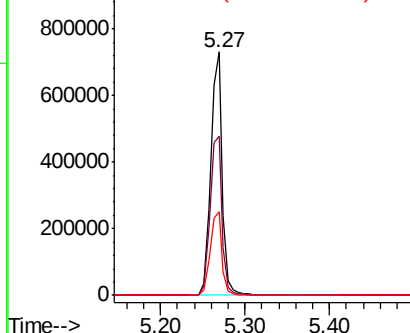
Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	65.2	56.7	85.1
63	34.4	29.5	44.3

Manual Integrations
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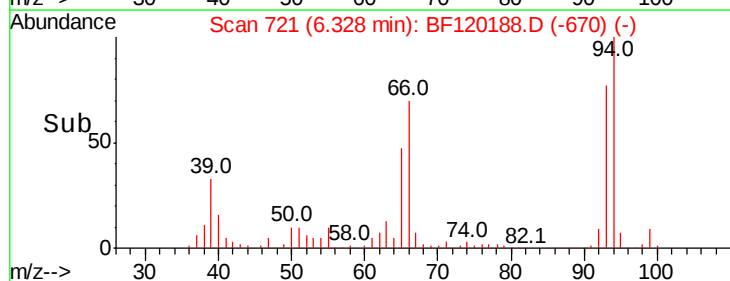
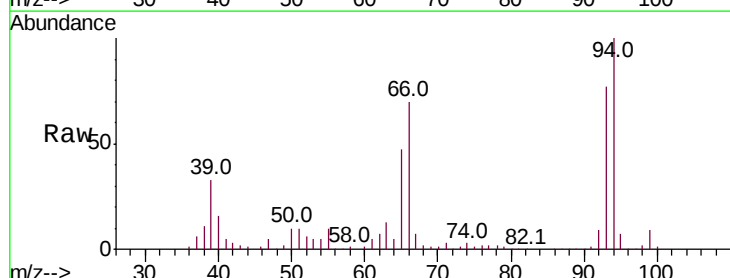
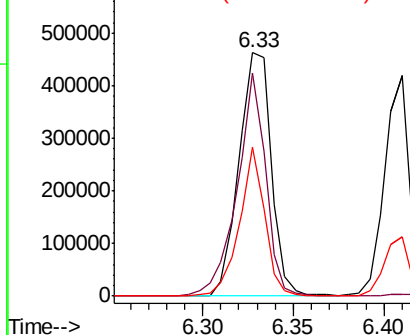
Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

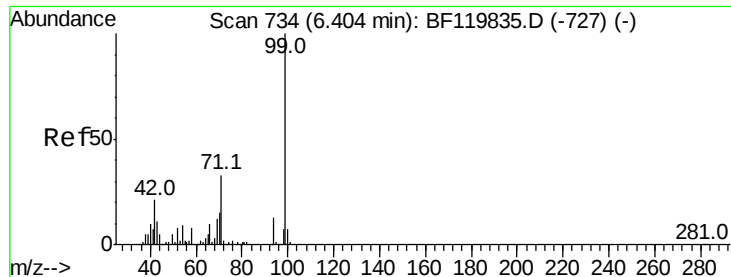


#6
Aniline
Concen: 42.117 ng
RT: 6.33 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	91.5	34.9	52.3#
65	60.9	18.6	27.8#

Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 88.106 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

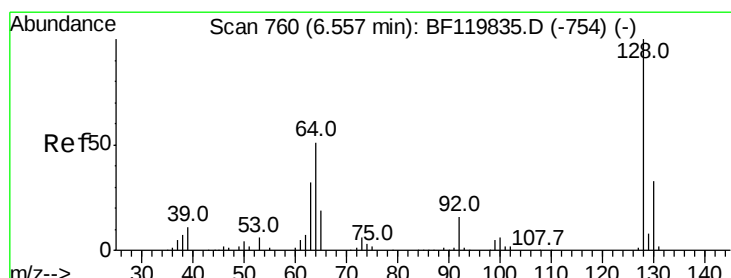
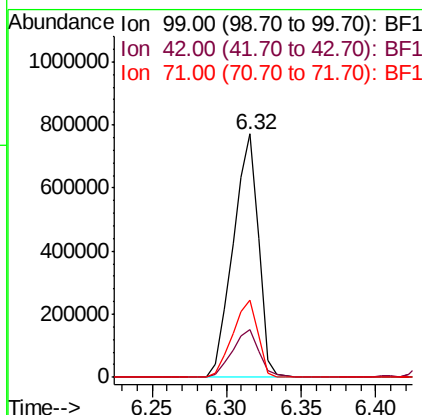
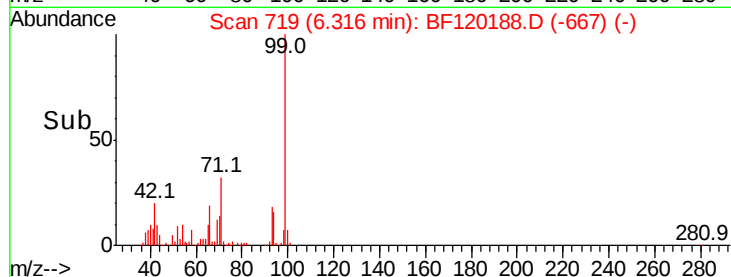
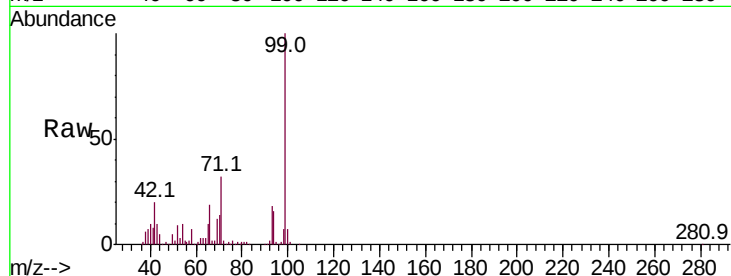
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	917202
Ion Ratio	Lower	Upper	
99	100		
42	19.9	16.6	24.8
71	31.7	26.4	39.6

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#8

2-Chlorophenol

Concen: 43.162 ng

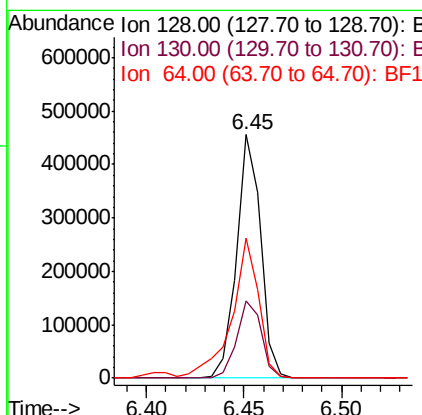
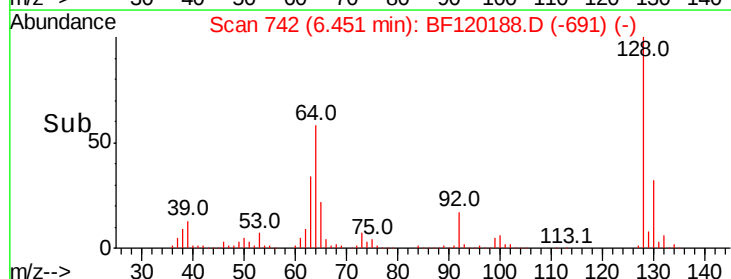
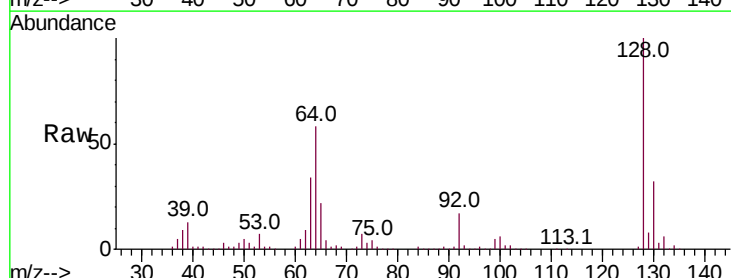
RT: 6.45 min Scan# 742

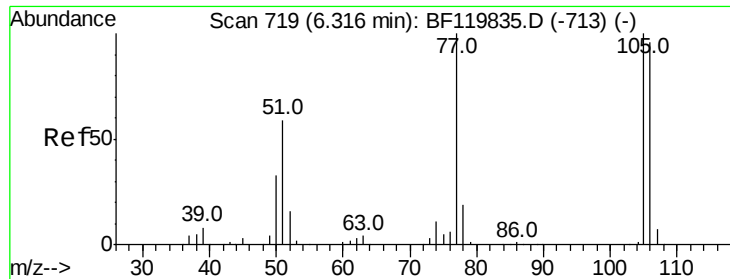
Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Tgt Ion:	128	Resp:	389618
Ion Ratio	Lower	Upper	
128	100		
130	31.5	12.6	52.6
64	57.5	35.3	75.3





#9

Benzaldehyde

Concen: 43.395 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

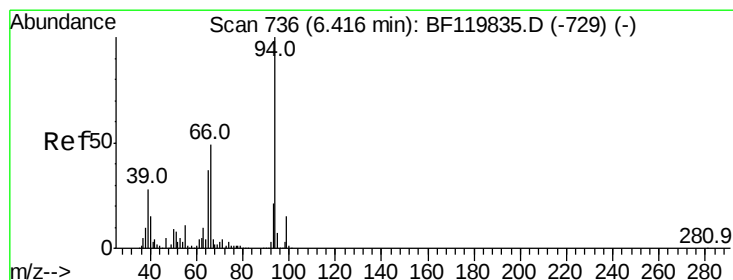
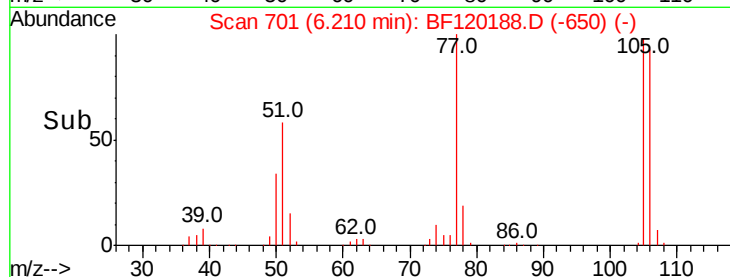
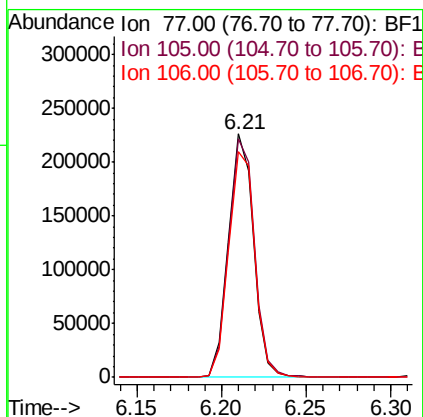
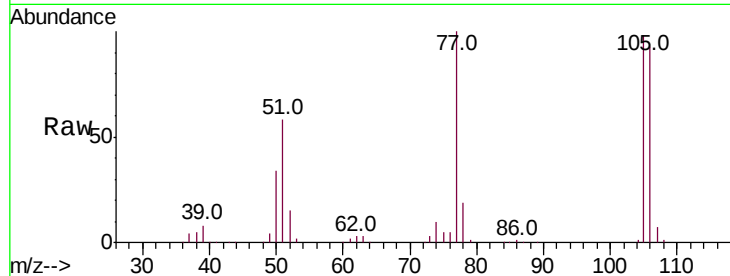
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	233717
Ion Ratio	Lower	Upper	
77	100		
105	98.0	80.9	120.9
106	92.9	77.9	117.9

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#10

Phenol

Concen: 42.494 ng

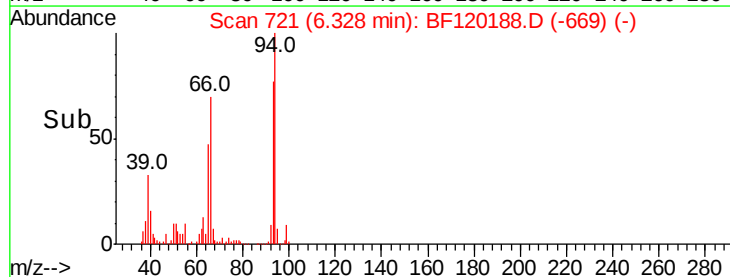
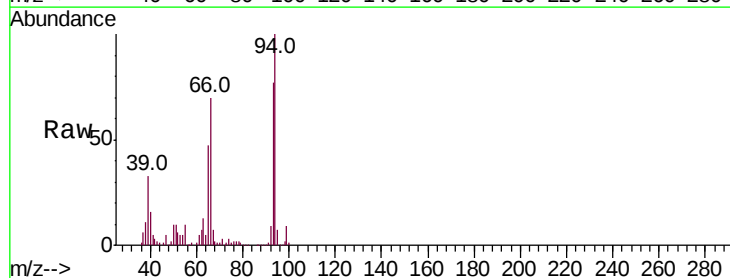
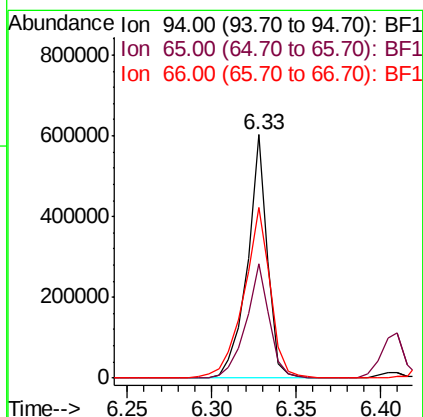
RT: 6.33 min Scan# 721

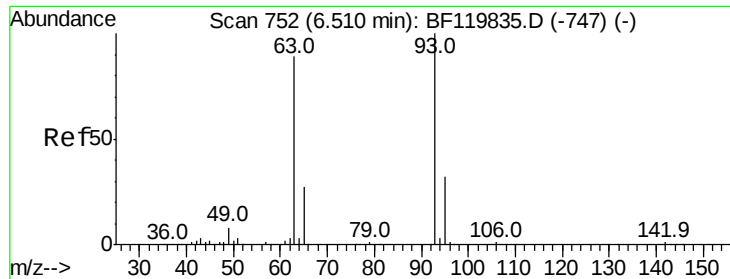
Delta R.T. 0.01 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Tgt Ion:	94	Resp:	501870
Ion Ratio	Lower	Upper	
94	100		
65	46.8	13.2	53.2
66	70.2	22.3	62.3#





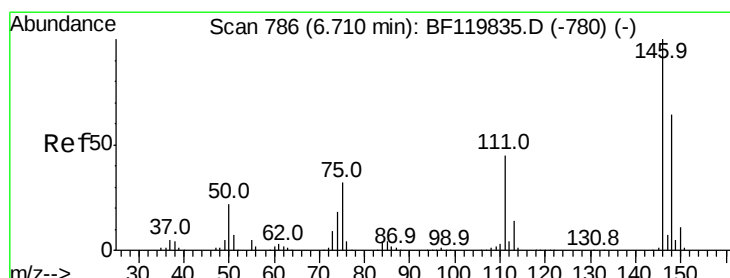
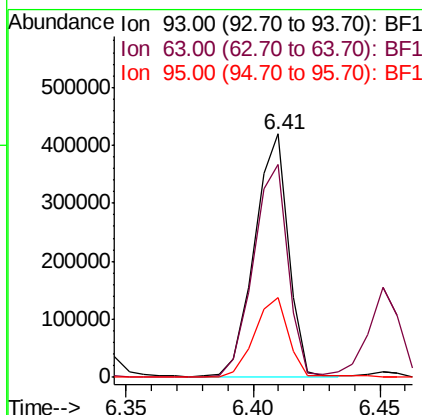
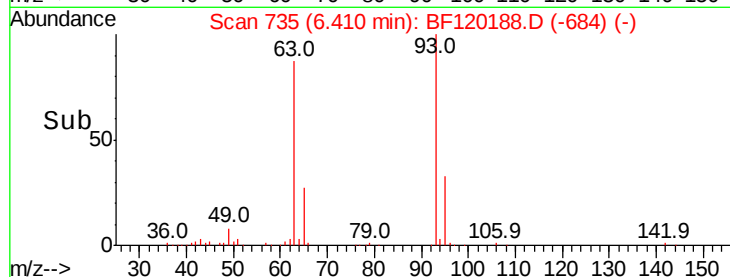
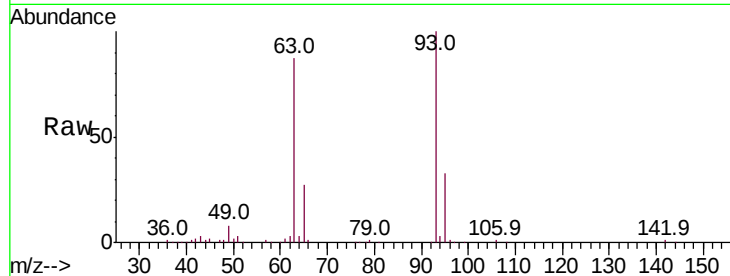
#11
bis(2-Chloroethyl)ether
Concen: 42.607 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	388530
Ion Ratio	Lower	Upper	
93	100		
63	87.5	70.2	110.2
95	32.7	13.4	53.4

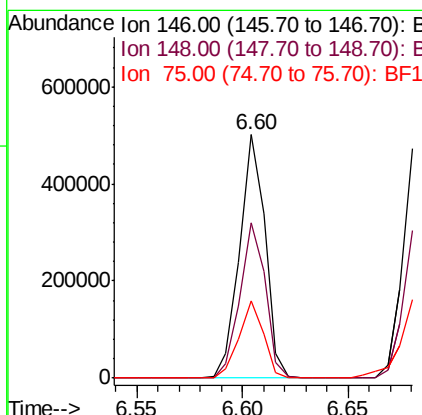
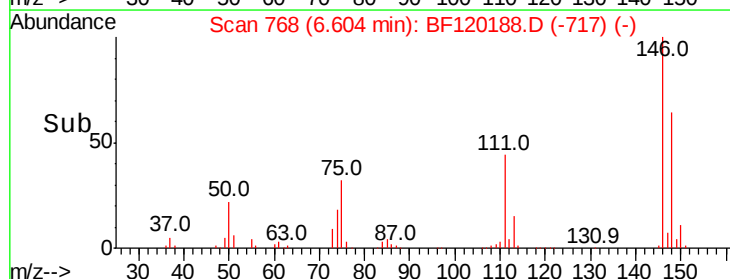
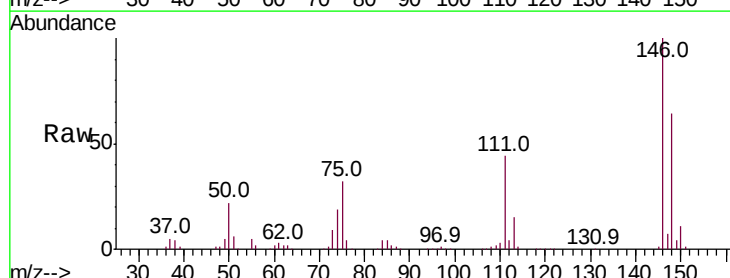
Manual Integrations
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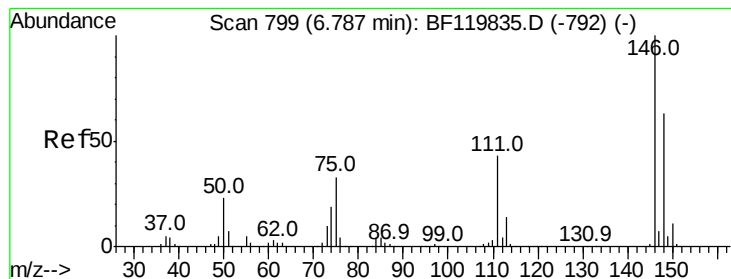
mohammad
4/27/2020 3:04:01 PM



#12
1,3-Dichlorobenzene
Concen: 42.471 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Tgt Ion:	146	Resp:	419723
Ion Ratio	Lower	Upper	
146	100		
148	63.8	52.2	78.4
75	31.9	23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 41.949 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

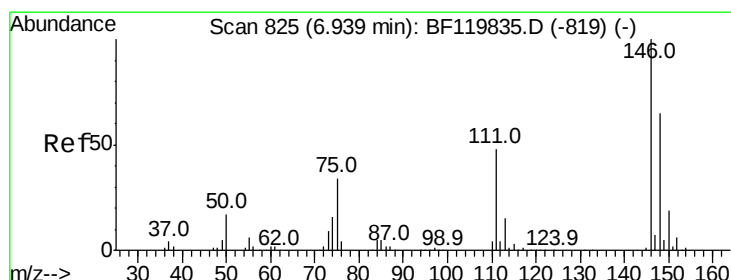
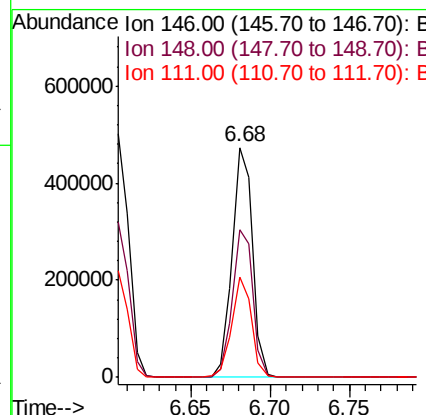
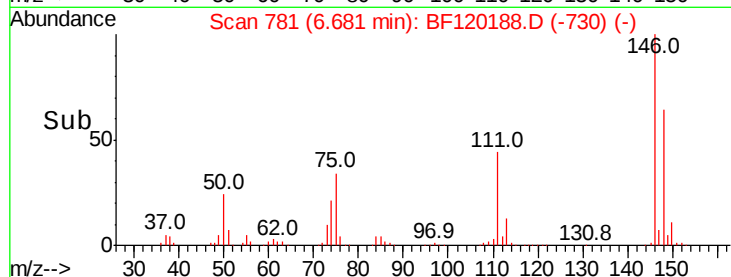
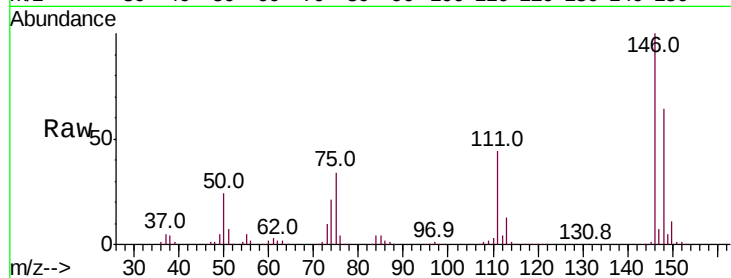
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	422300
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.5	77.3
111	43.5	33.3	49.9

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#14

1,2-Dichlorobenzene

Concen: 43.424 ng

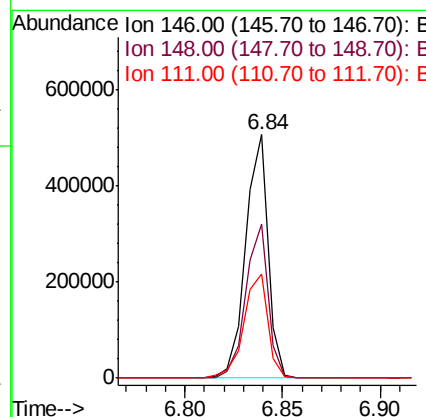
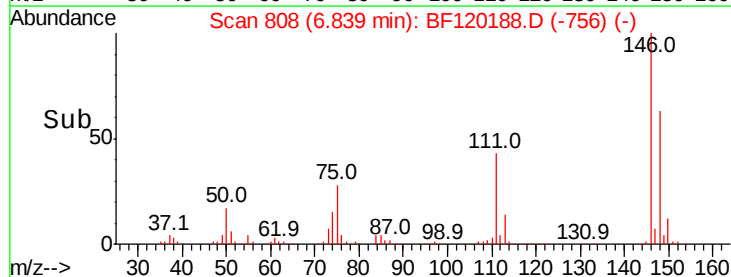
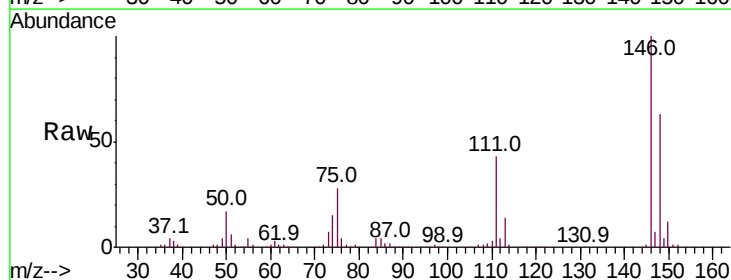
RT: 6.84 min Scan# 808

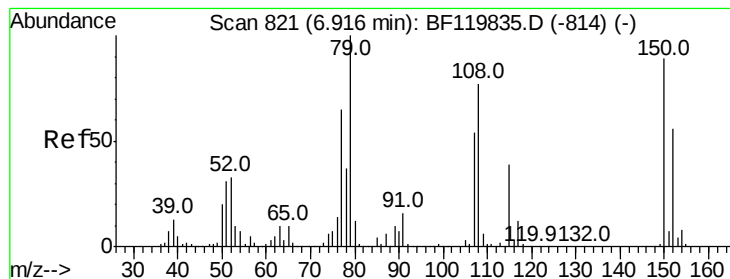
Delta R.T. 0.01 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Tgt Ion:	146	Resp:	402874
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.6	75.8
111	42.5	36.1	54.1





#15

Benzyl Alcohol

Concen: 41.739 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 337482

Ion Ratio Lower Upper

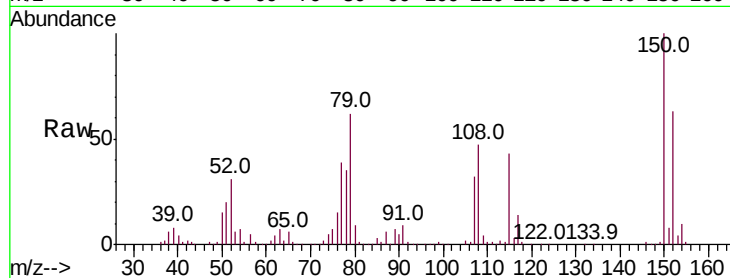
79 100

108 75.1 60.6 90.8

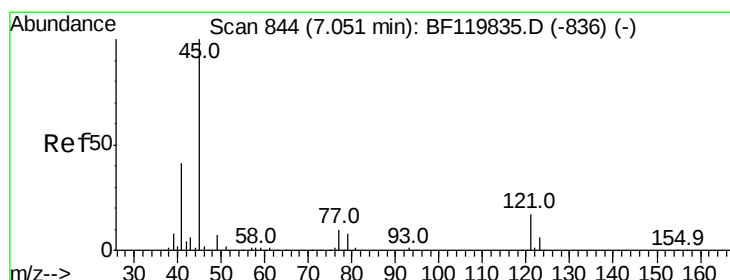
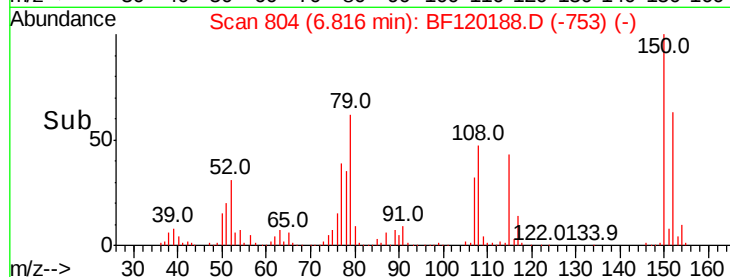
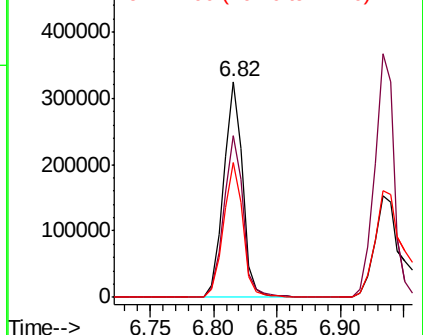
77 62.4 50.2 75.2

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



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.480 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

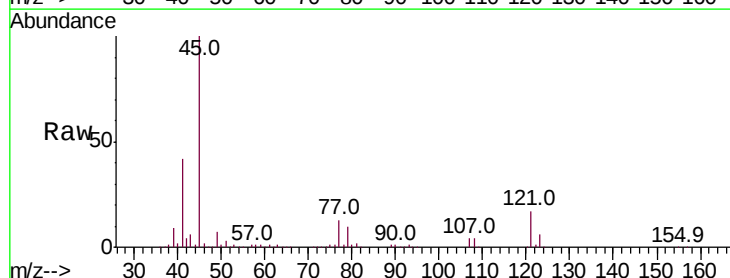
Tgt Ion: 45 Resp: 700564

Ion Ratio Lower Upper

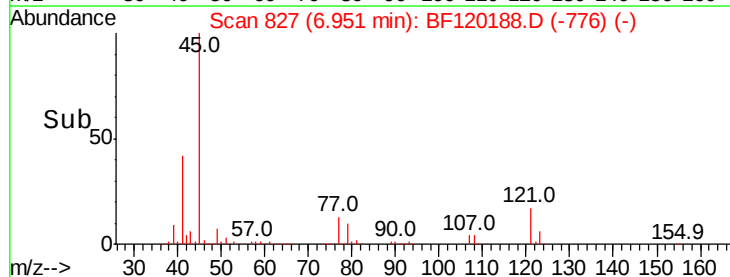
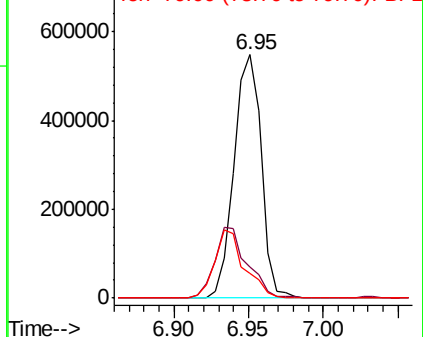
45 100

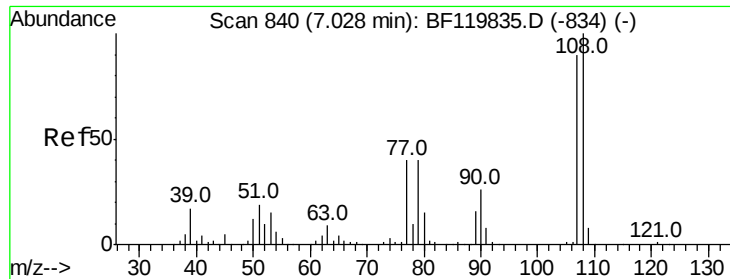
77 12.8 0.0 30.7

79 10.1 0.0 28.2



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





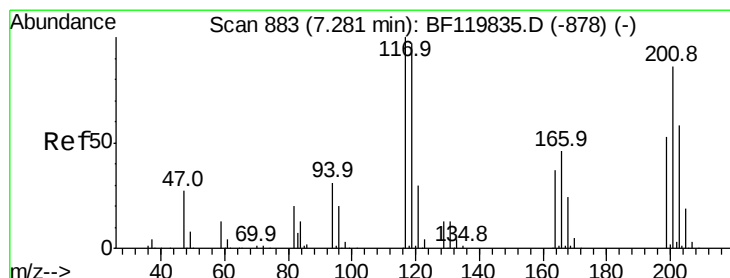
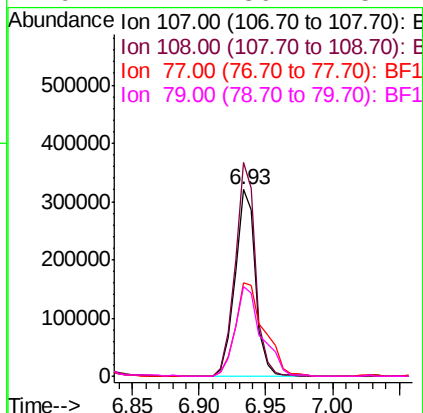
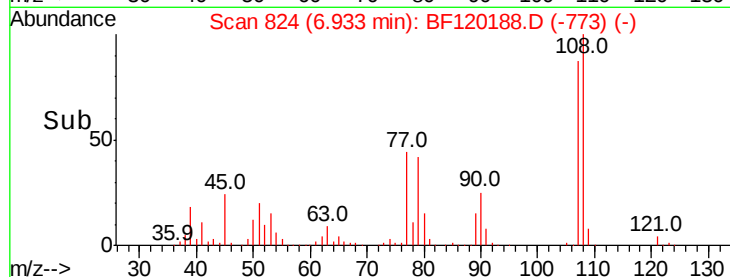
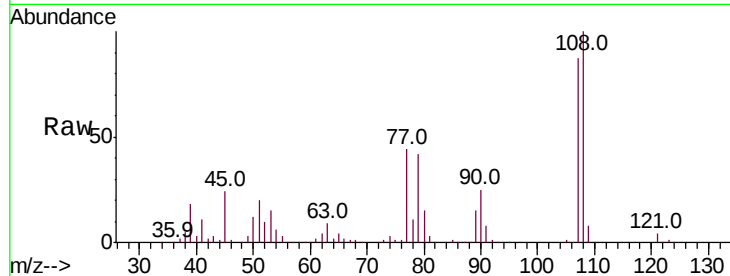
#17
2-Methylphenol
Concen: 43.022 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.4	92.2	138.4	
77	50.1	36.6	54.8	
79	47.7	36.2	54.4	

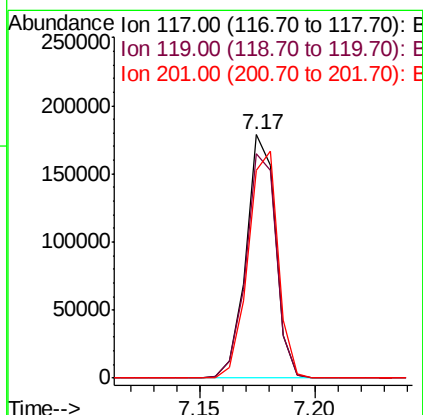
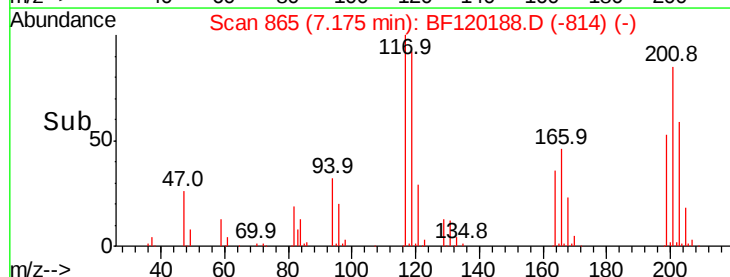
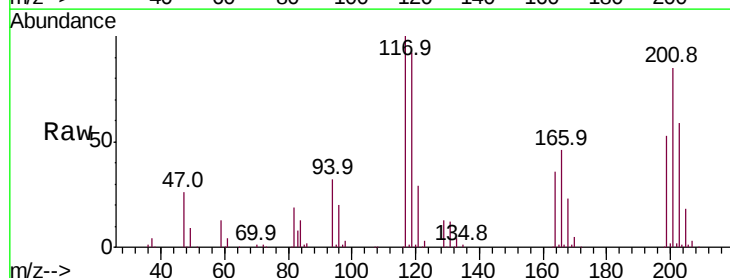
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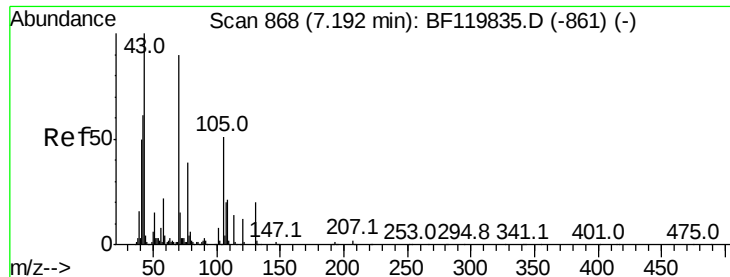
mohammad
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#18
Hexachloroethane
Concen: 42.469 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.3	76.1	114.1	
201	85.1	73.0	109.6	





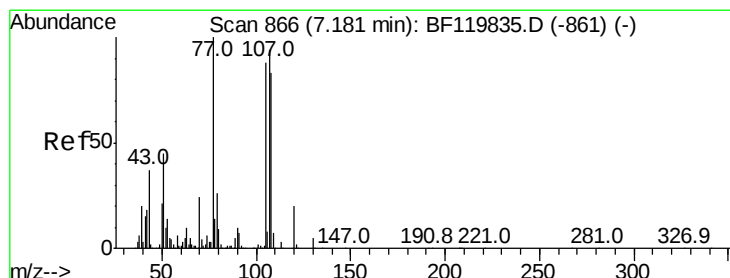
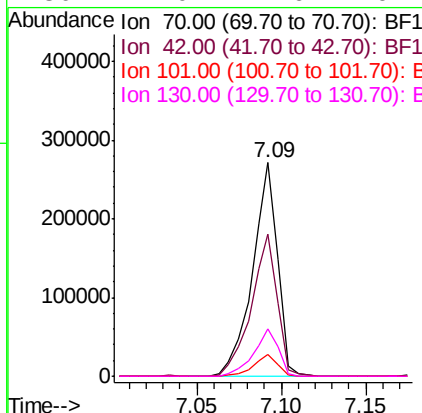
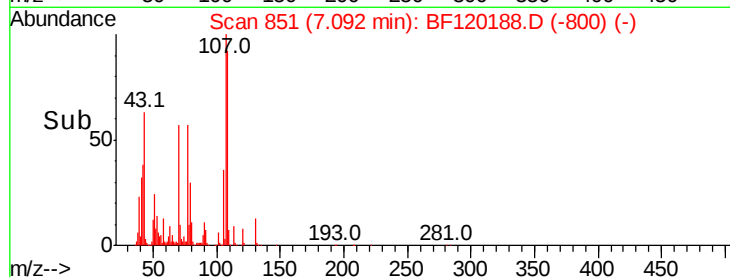
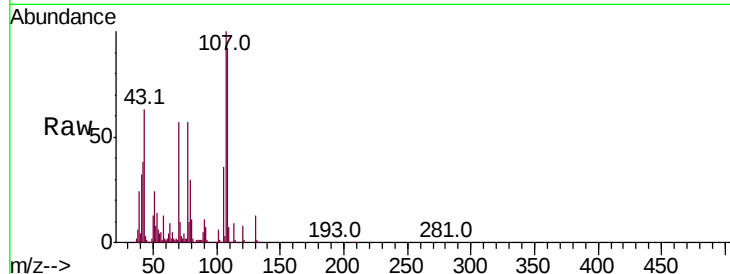
#19
n-Nitroso-di-n-propylamine
Concen: 41.861 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.4	54.5	81.7	
101	10.0	7.6	11.4	
130	22.0	17.6	26.4	

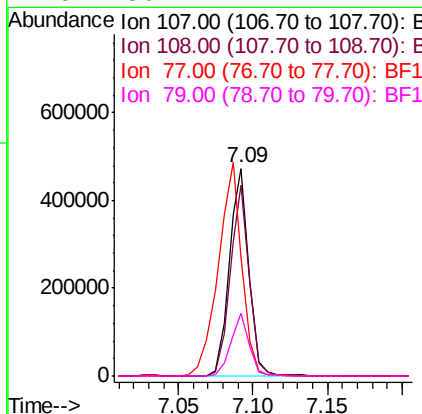
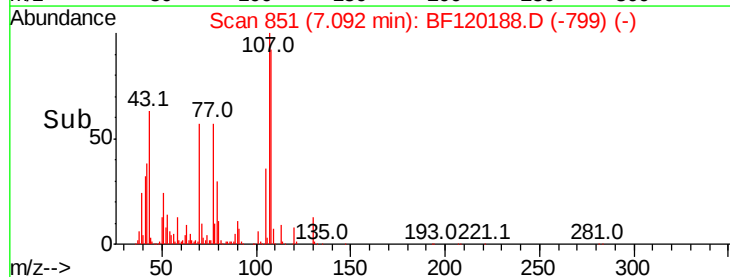
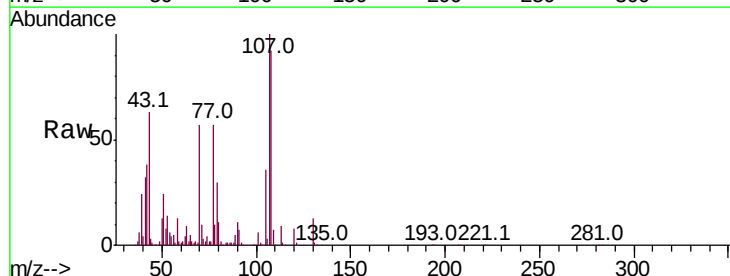
Manual Integrations
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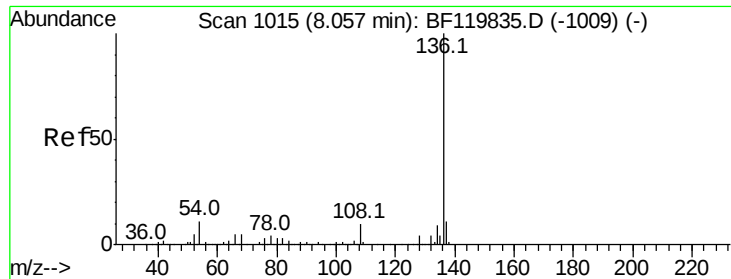
mohammad
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#20
3+4-Methylphenols
Concen: 44.440 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.01 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.0	67.9	107.9	
77	57.4	52.9	92.9	
79	30.4	7.7	47.7	





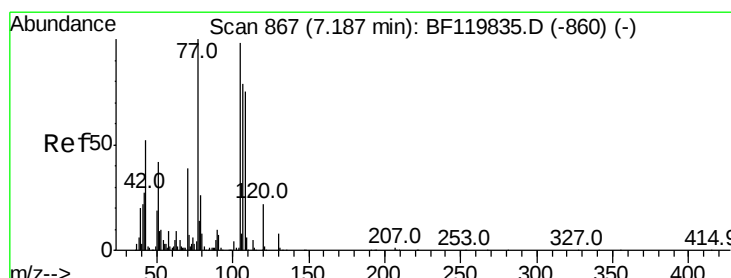
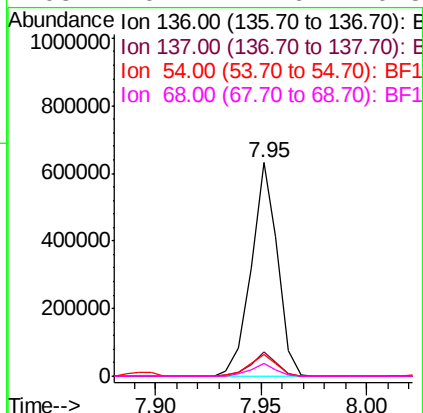
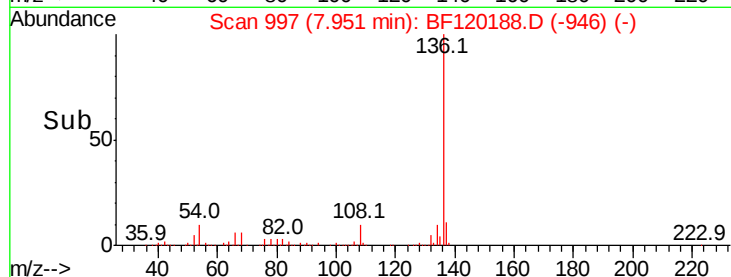
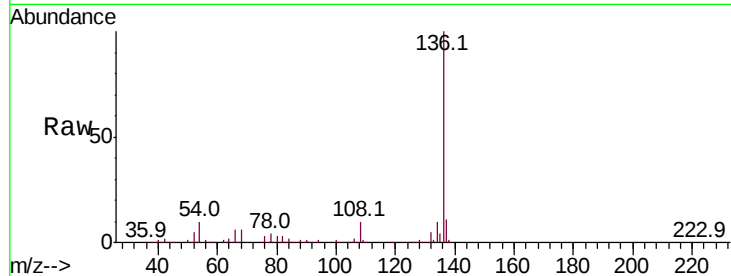
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.7	13.1	
54	10.4	9.1	13.7	
68	6.1	4.6	6.8	

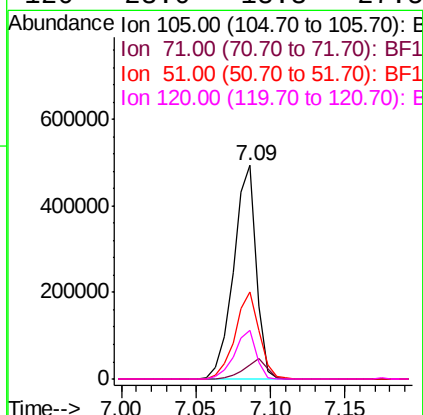
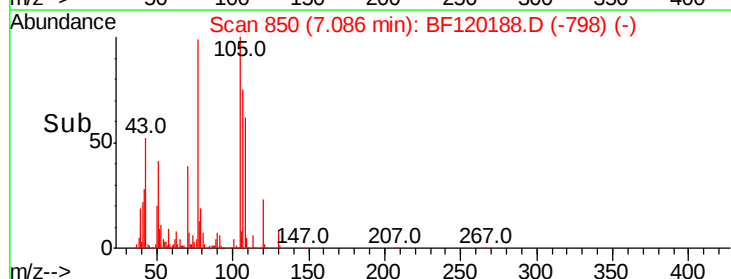
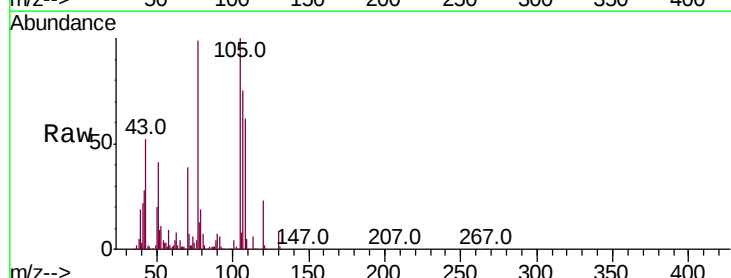
Manual Integrations
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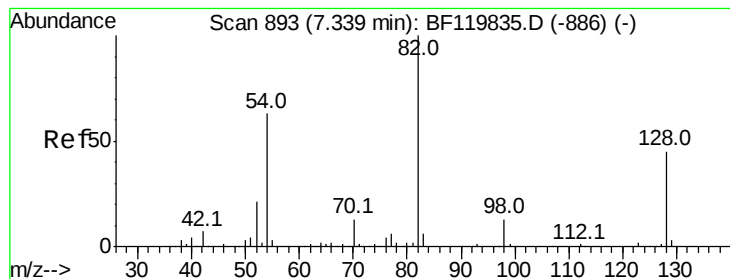
mohammad
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#22
Acetophenone
Concen: 41.151 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.7	5.7	8.5	
51	40.8	26.2	39.4	
120	23.0	18.3	27.5	





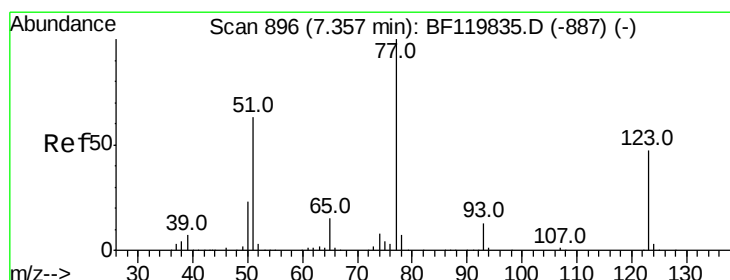
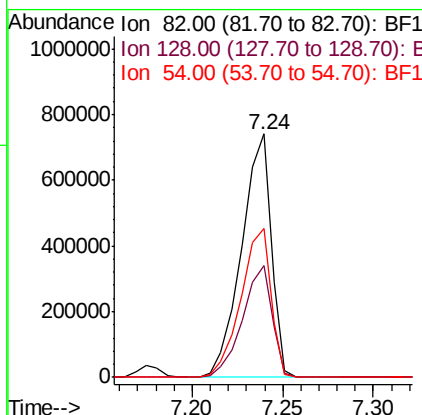
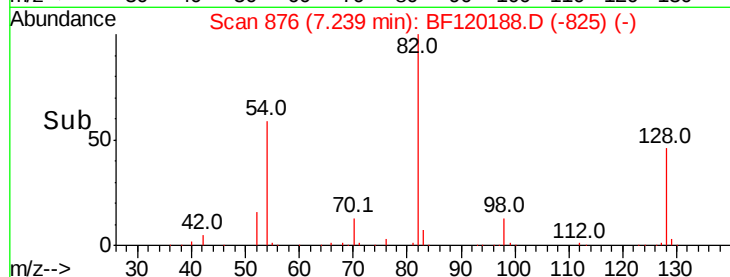
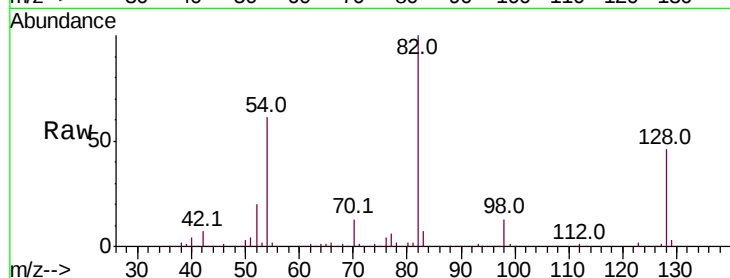
#23
 Nitrobenzene-d5
 Concen: 79.685 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.3	54.5
54	61.4	50.6	75.8

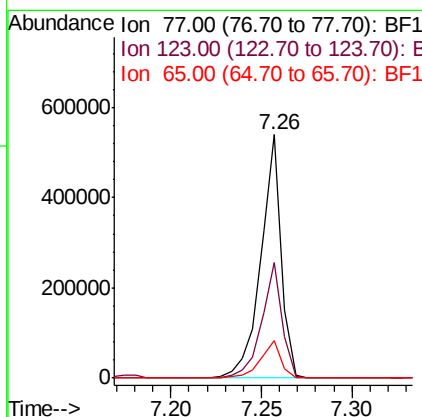
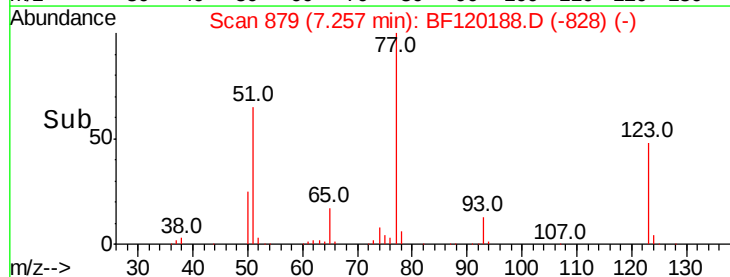
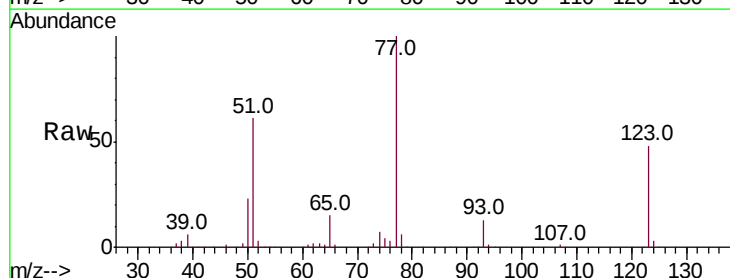
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#24
 Nitrobenzene
 Concen: 39.839 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.5	38.0	57.0
65	15.4	12.6	18.8





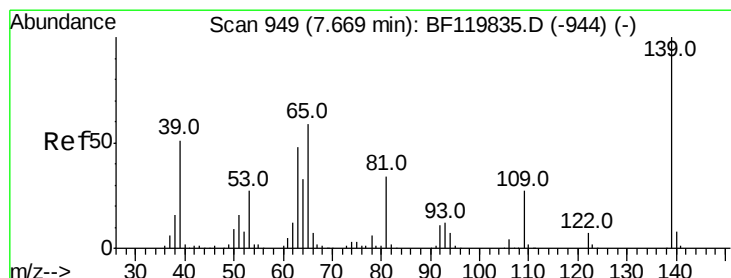
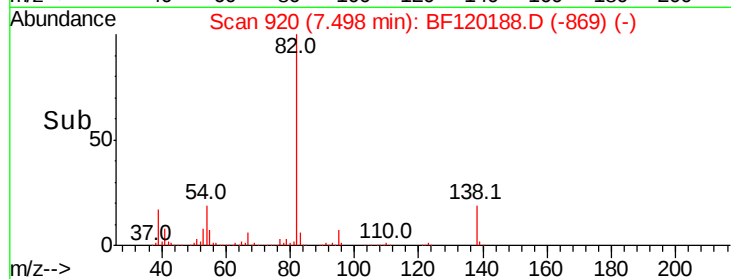
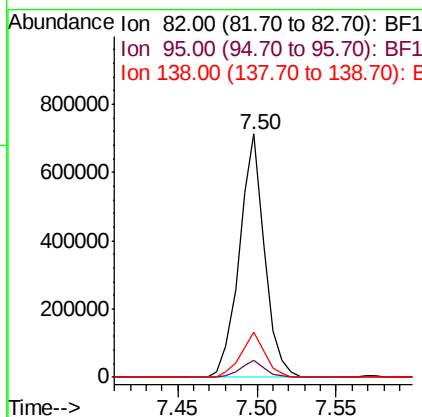
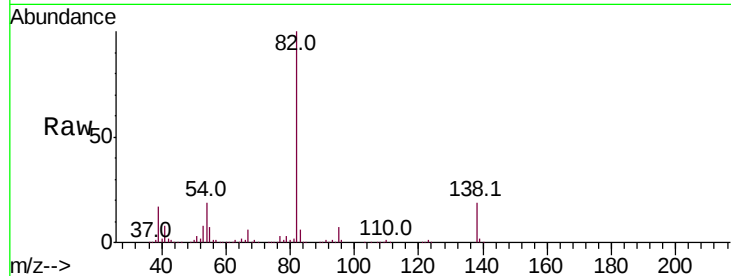
#25
Isophorone
Concen: 38.334 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.0	5.8	8.6	
138	18.5	14.6	21.8	

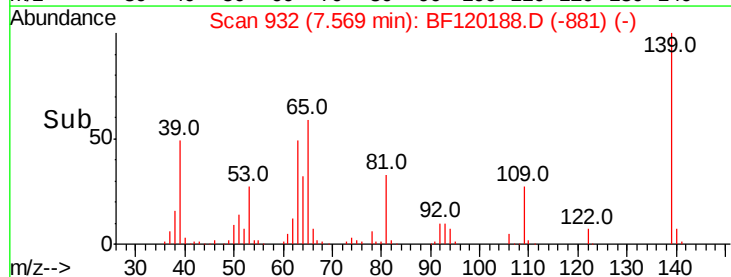
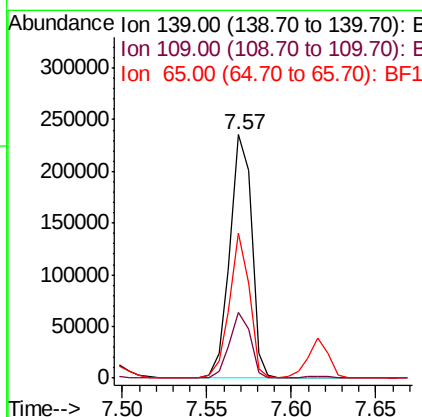
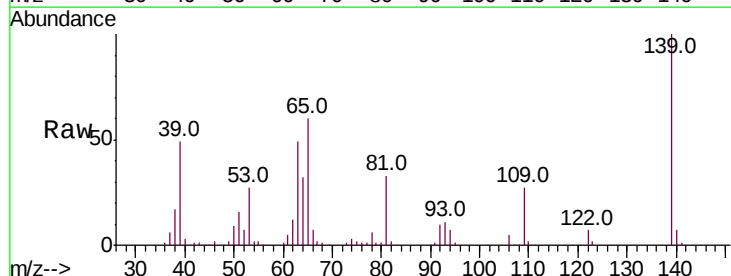
Manual Integrations
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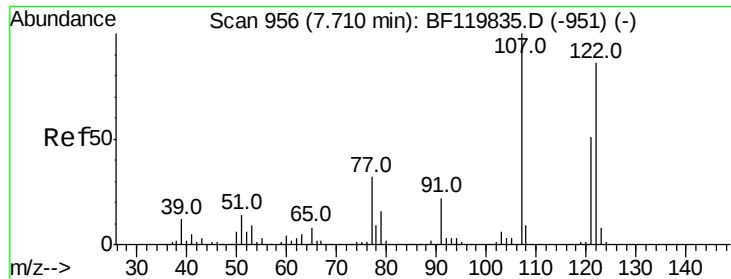
mohammad
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#26
2-Nitrophenol
Concen: 39.642 ng
RT: 7.57 min Scan# 932
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	26.9	22.1	33.1	
65	59.7	49.2	73.8	





#27

2,4-Dimethylphenol

Concen: 37.913 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

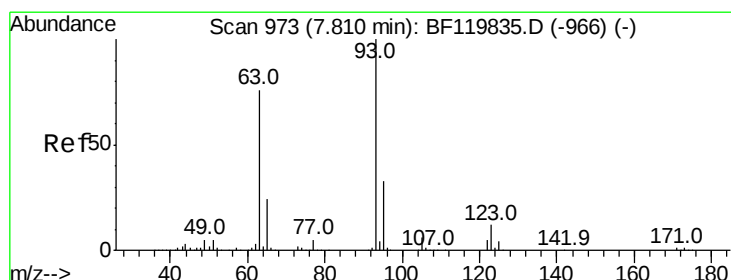
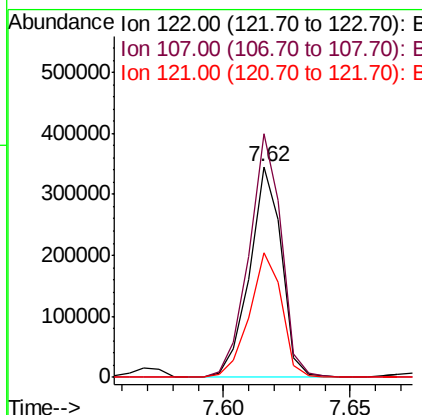
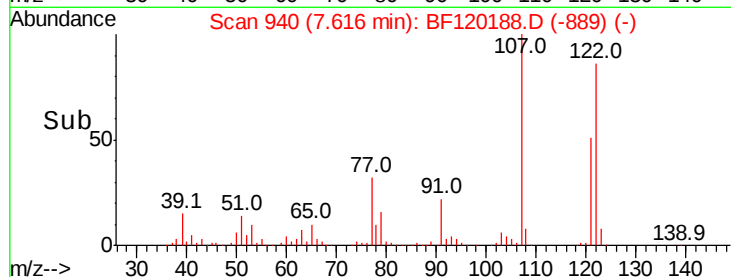
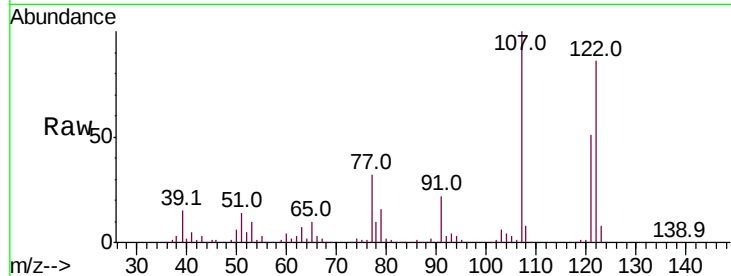
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	303655
Ion Ratio	Lower	Upper	
122	100		
107	115.7	89.0	133.6
121	59.1	46.7	70.1

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#28

bis(2-Chloroethoxy)methane

Concen: 40.792 ng

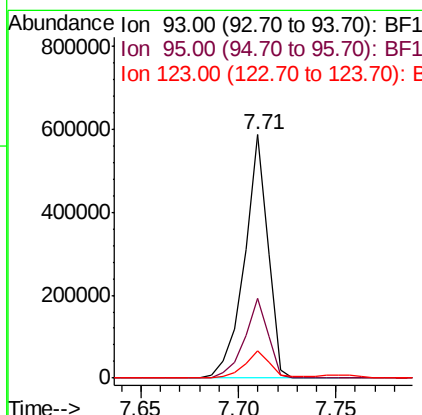
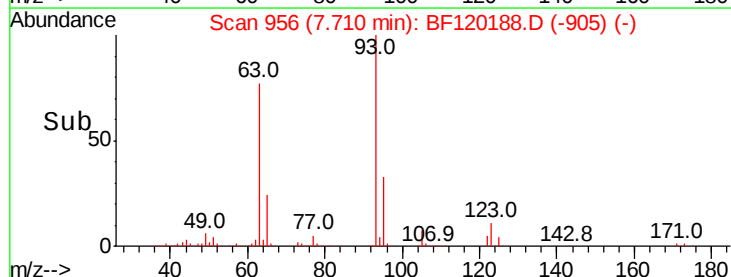
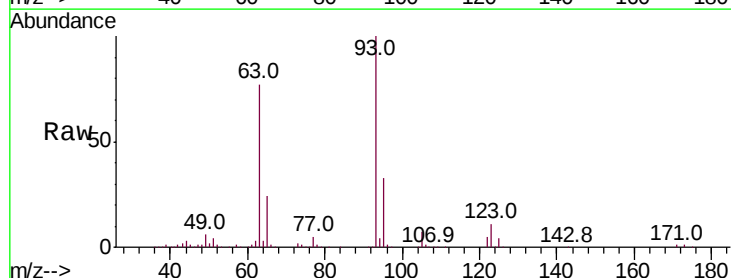
RT: 7.71 min Scan# 956

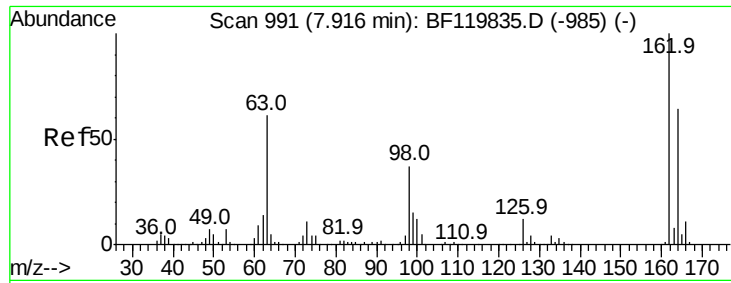
Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Tgt Ion:	93	Resp:	488931
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.3	39.5
123	11.1	9.7	14.5





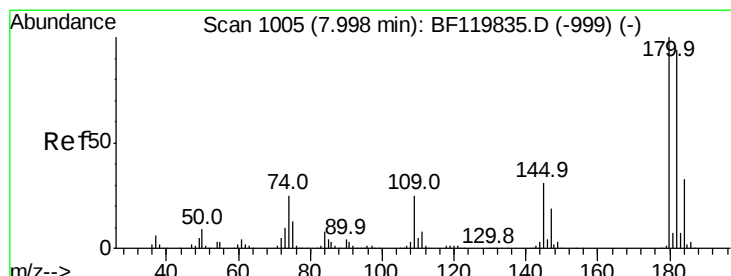
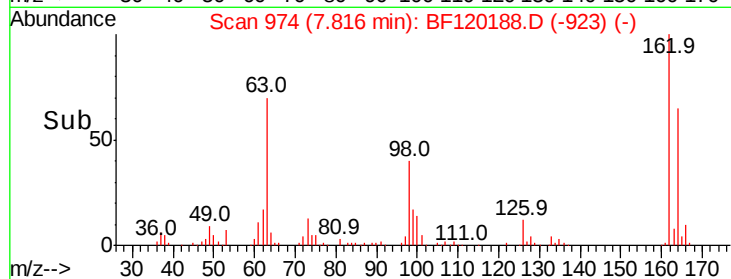
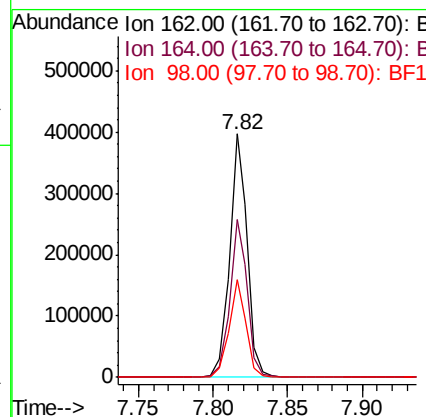
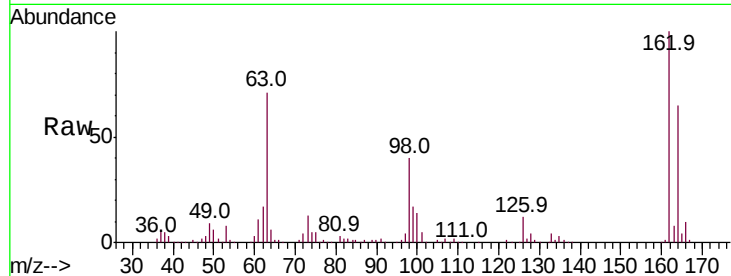
#29
 2,4-Dichlorophenol
 Concen: 40.345 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.0	44.7	84.7
98	40.2	20.7	60.7

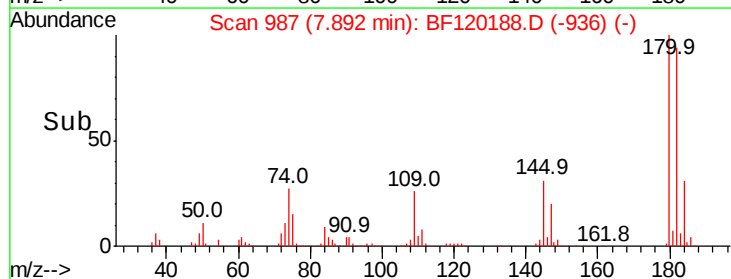
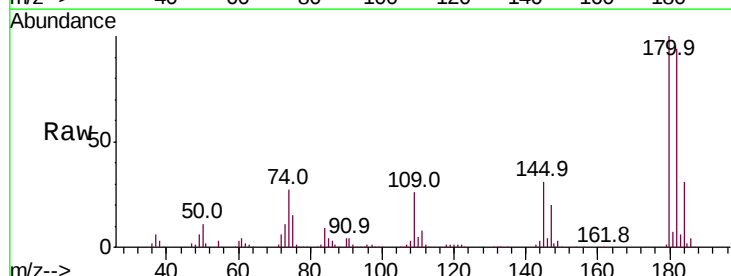
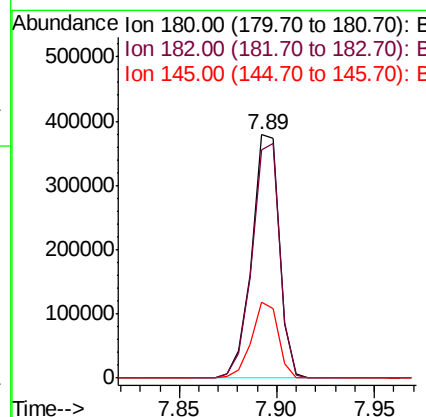
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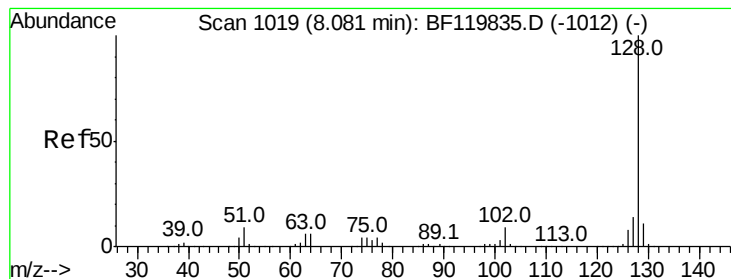
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.013 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.0	74.7	112.1
145	31.0	24.5	36.7





#31

Naphthalene

Concen: 41.093 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1181858

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

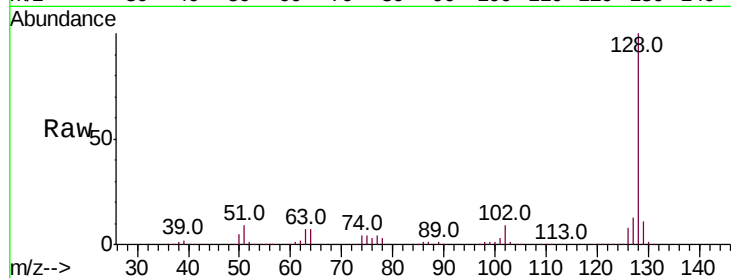
127 13.4 11.3 16.9

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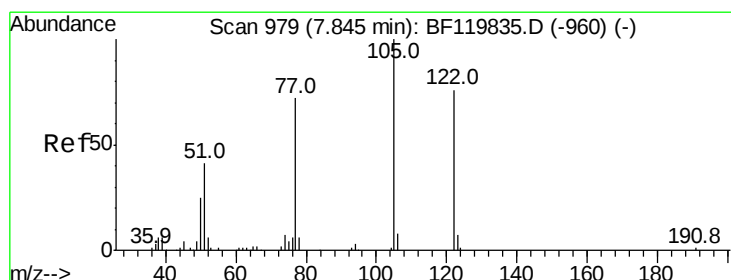
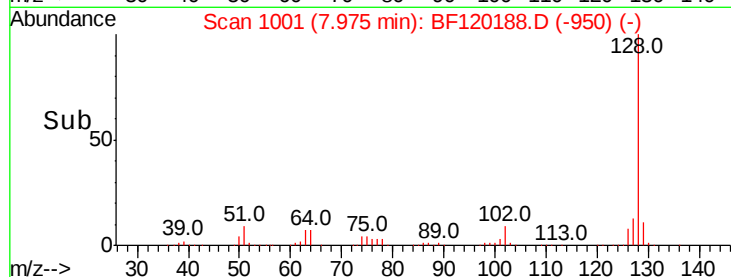
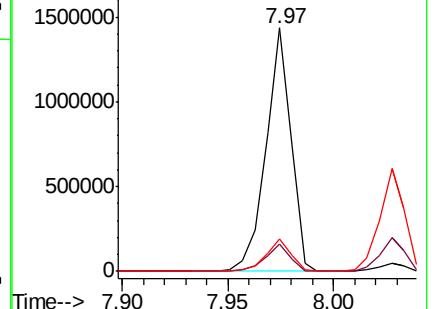
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.796 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

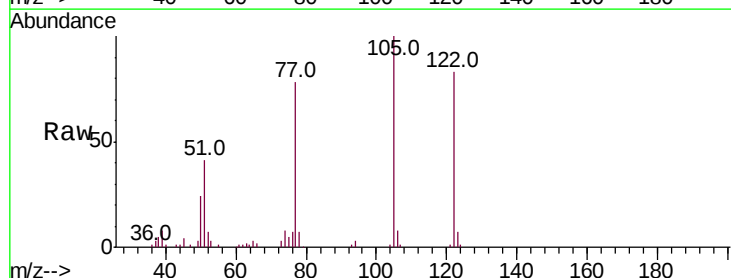
Tgt Ion:122 Resp: 230688

Ion Ratio Lower Upper

122 100

105 121.0 104.9 144.9

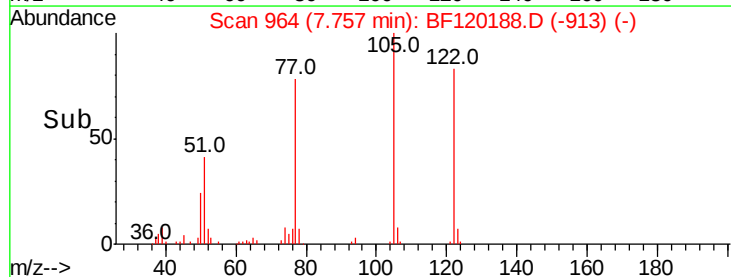
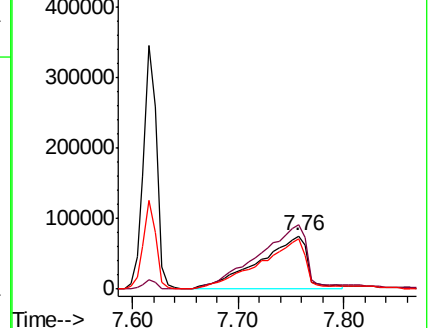
77 94.3 74.4 114.4

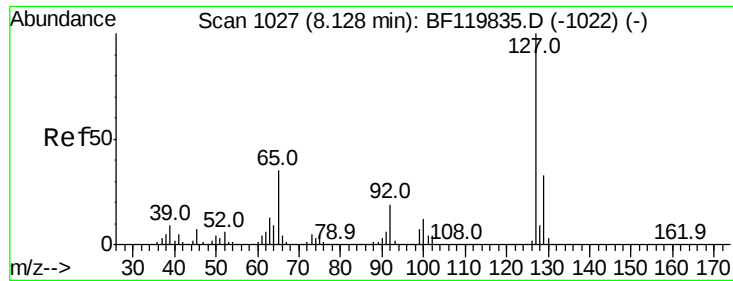


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





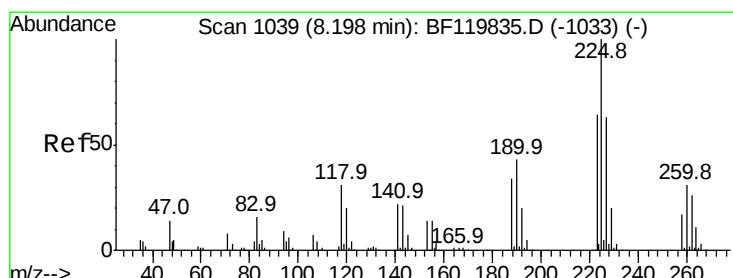
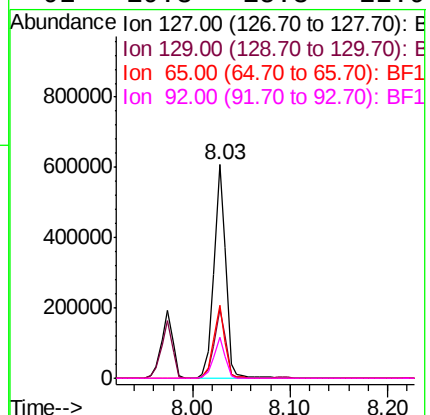
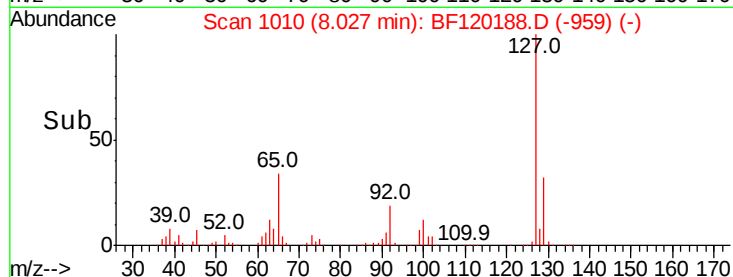
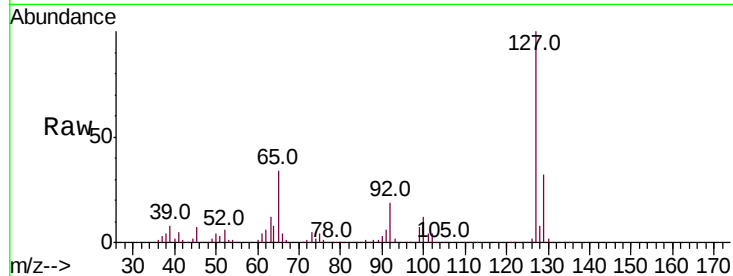
#33
4-Chloroaniline
Concen: 40.806 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	26.2	39.4	
65	34.4	27.4	41.0	
92	19.3	15.3	22.9	

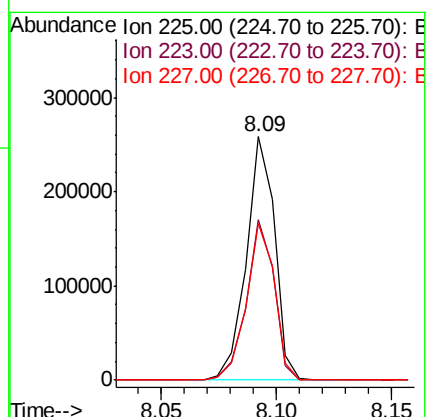
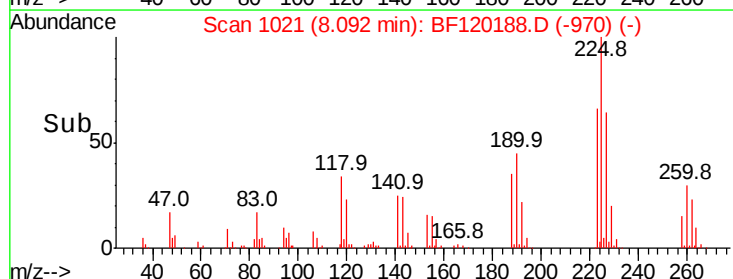
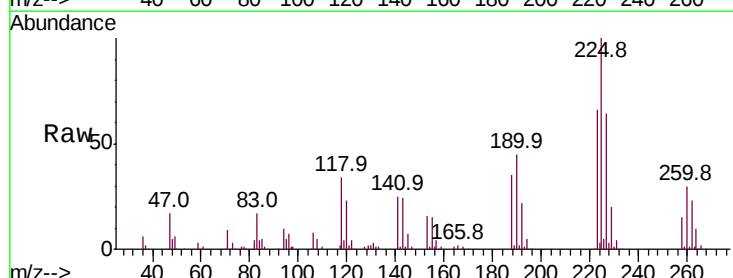
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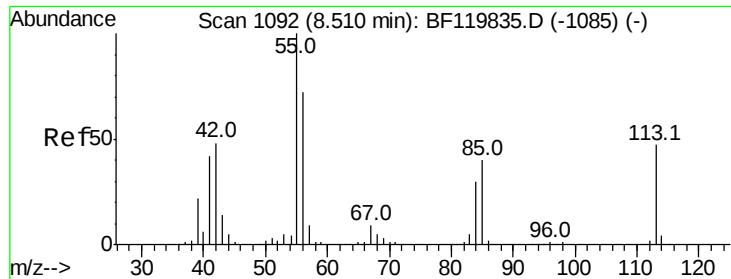
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#34
Hexachlorobutadiene
Concen: 39.872 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.8	51.0	76.6	
227	64.5	50.7	76.1	





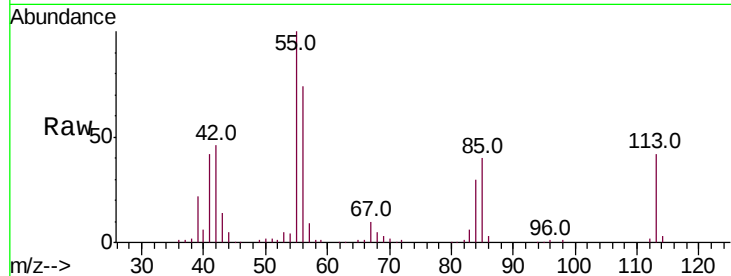
#35
 Caprolactam
 Concen: 39.536 ng/ml
 RT: 8.41 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	237.4	218.4	258.4	
56	174.6	148.9	188.9	

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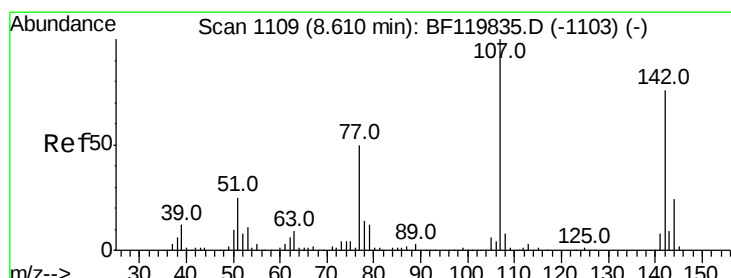
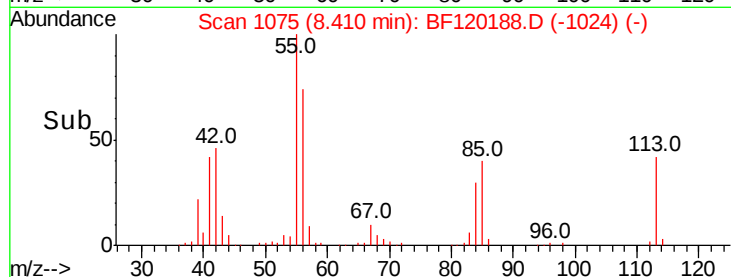
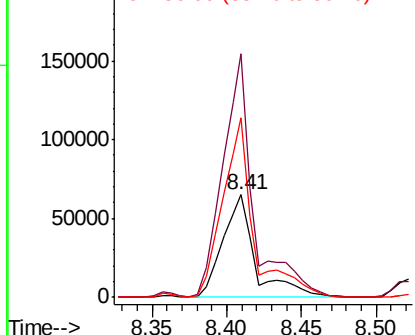


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 40.361 ng/ml
 RT: 8.52 min Scan# 1094
 Delta R.T. 0.01 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

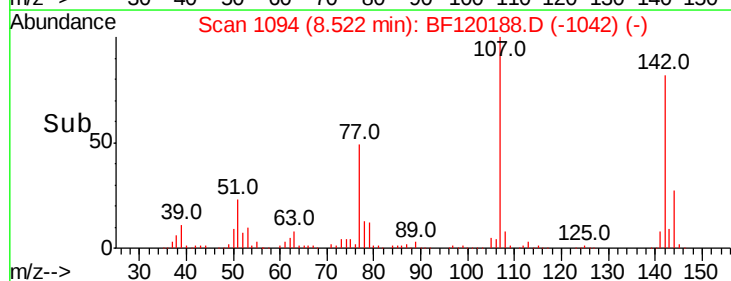
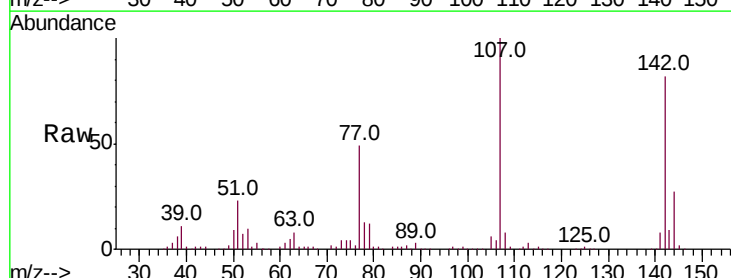
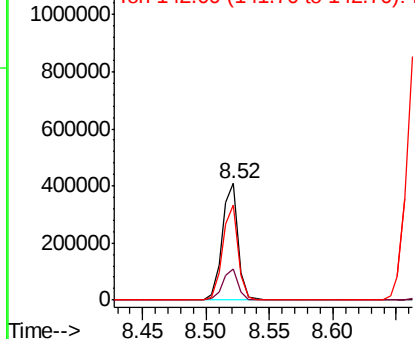
Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	26.9	21.0	31.6	
142	82.1	64.4	96.6	

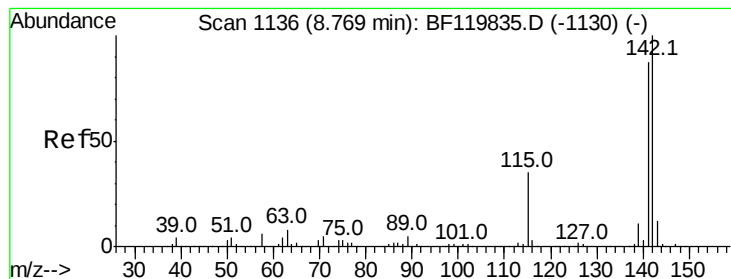
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





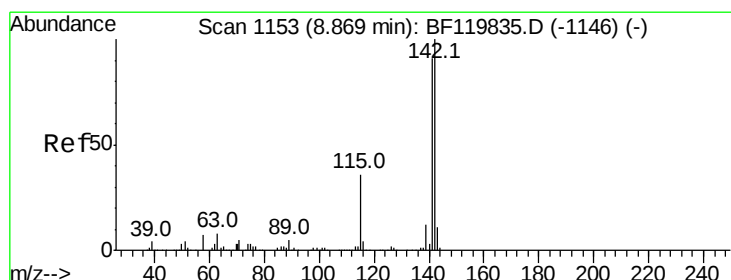
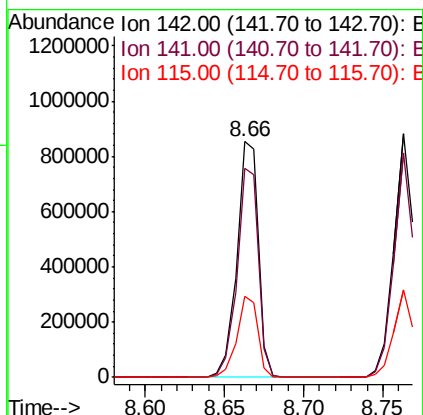
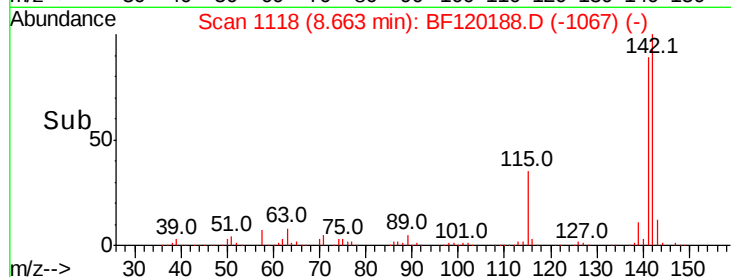
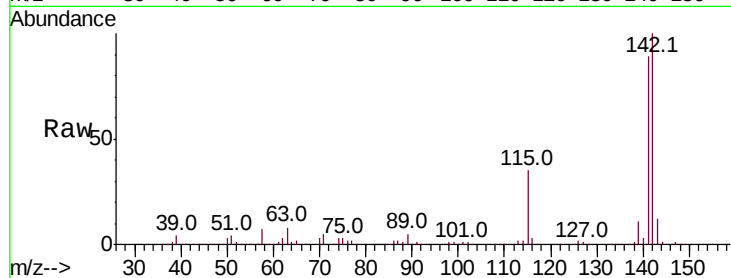
#37
2-Methylnaphthalene
Concen: 40.796 ng
RT: 8.66 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.7	107.5
115	34.7	27.9	41.9

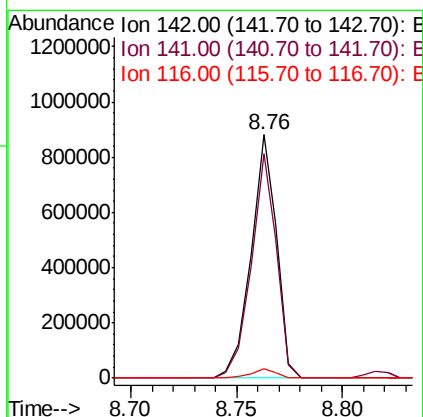
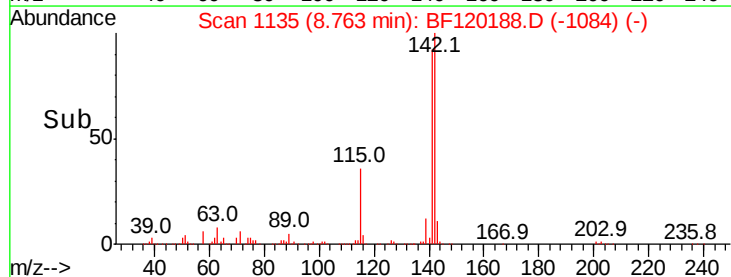
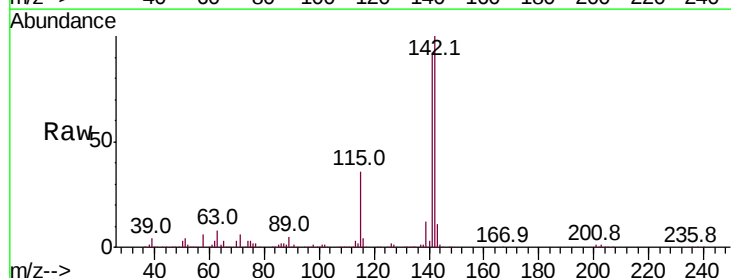
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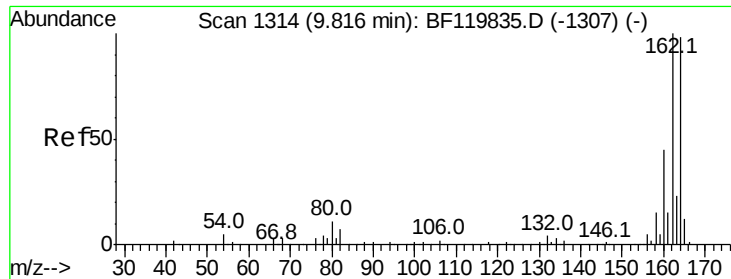
mohammad
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#38
1-Methylnaphthalene
Concen: 40.191 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.7	110.5
116	3.8	3.0	4.6





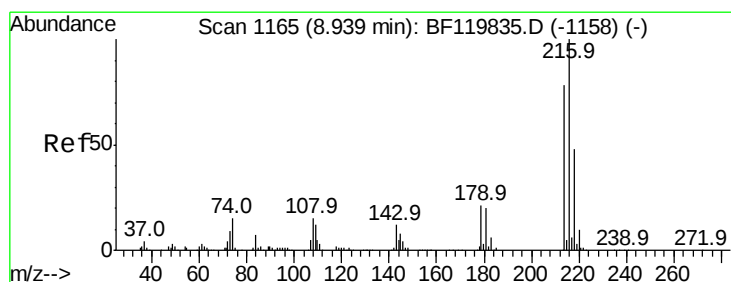
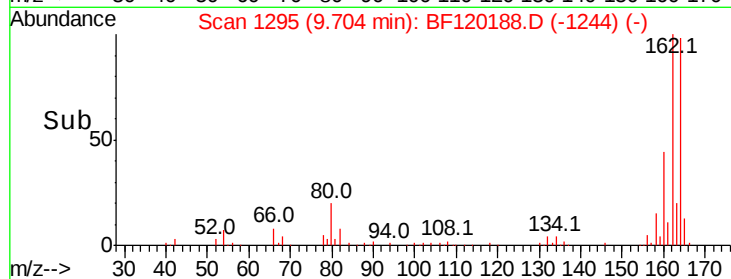
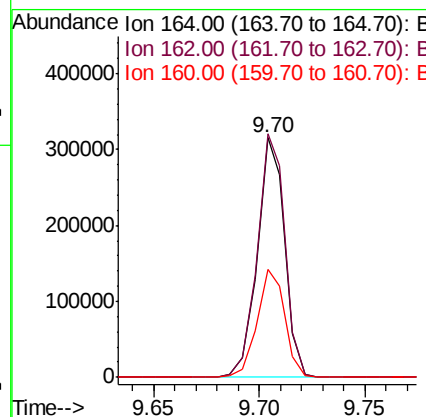
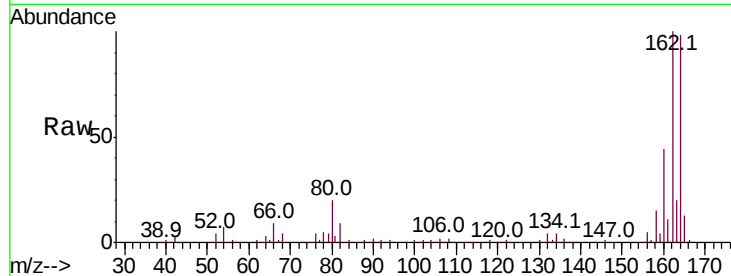
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.6	121.0
160	45.1	35.7	53.5

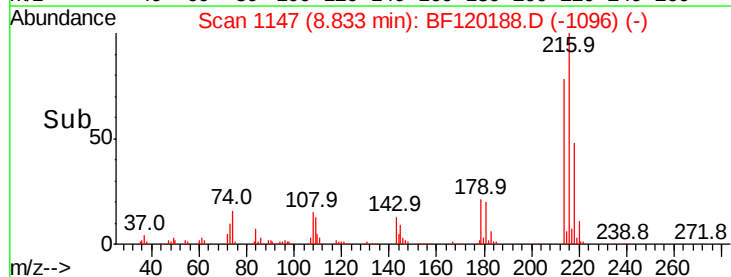
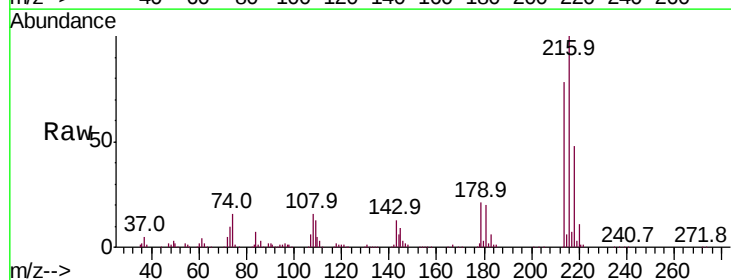
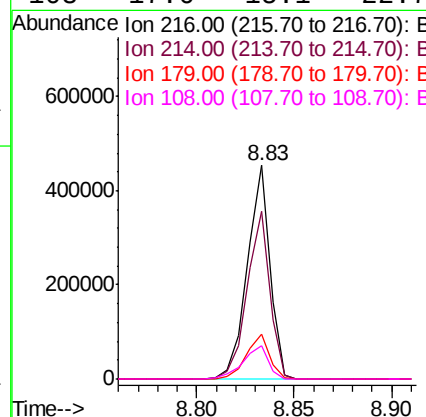
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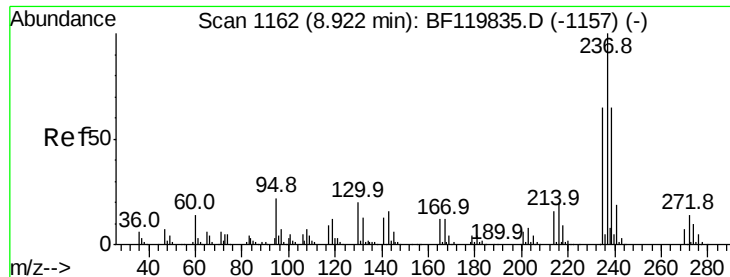
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.748 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.2	94.8
179	21.1	17.1	25.7
108	17.6	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 34.091 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:237 Resp: 173493

Ion Ratio Lower Upper

237 100

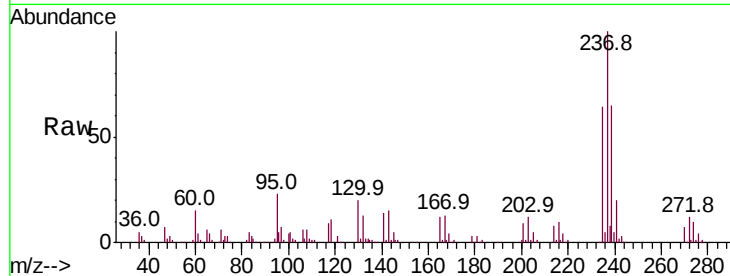
235 64.4 43.2 83.2

272 12.3 0.0 34.1

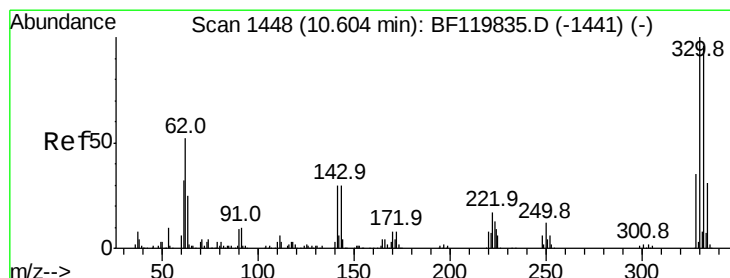
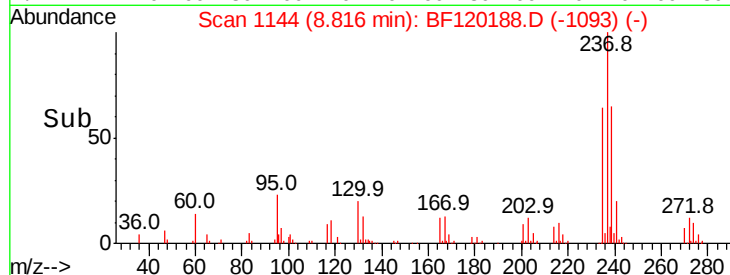
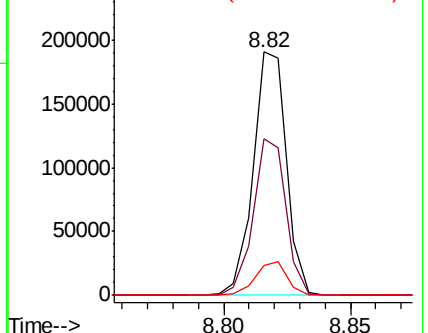
Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 70.966 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

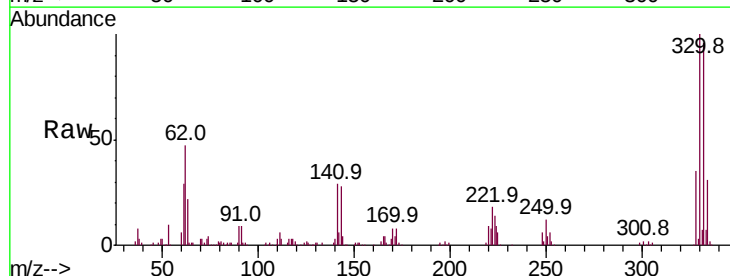
Tgt Ion:330 Resp: 246200

Ion Ratio Lower Upper

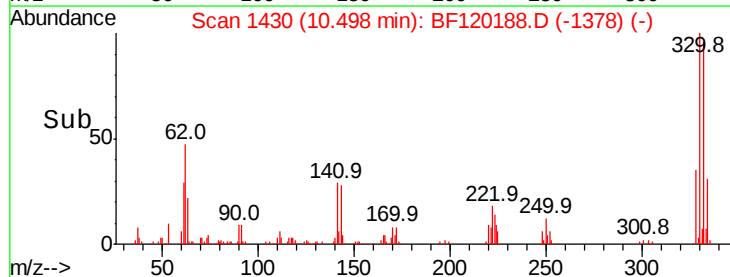
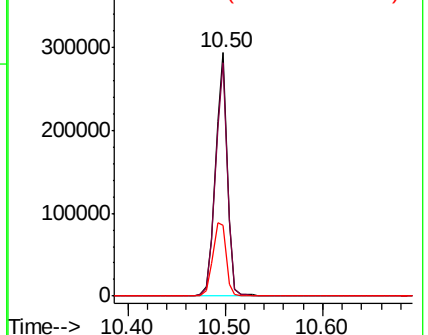
330 100

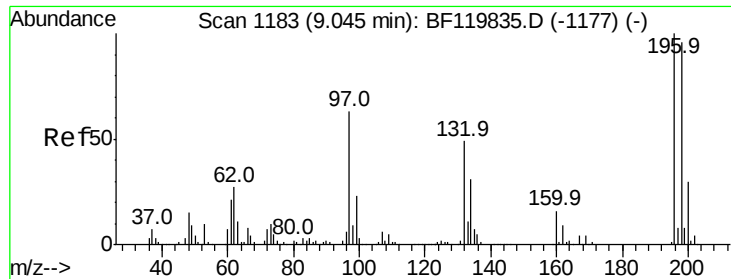
332 97.2 75.7 113.5

141 34.6 25.4 38.0



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





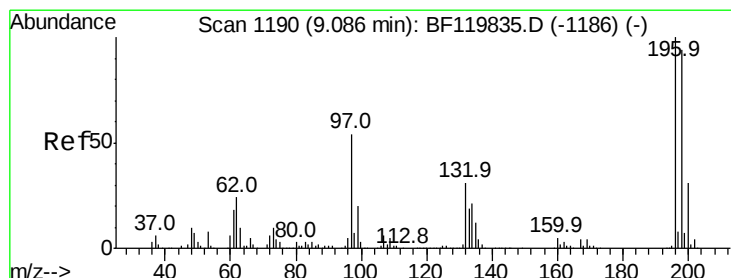
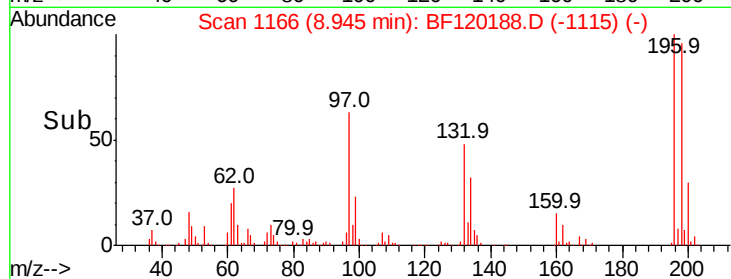
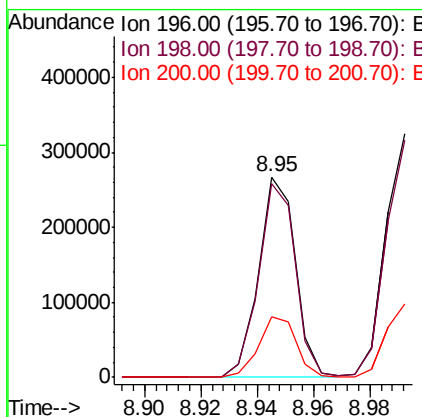
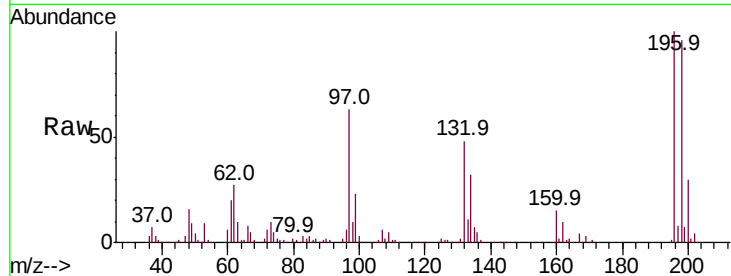
#43
 2,4,6-Trichlorophenol
 Concen: 39.183 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	242156		
198	96.5	76.6	115.0	
200	30.1	24.6	36.8	

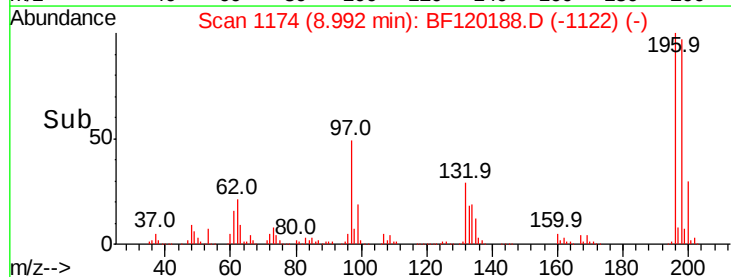
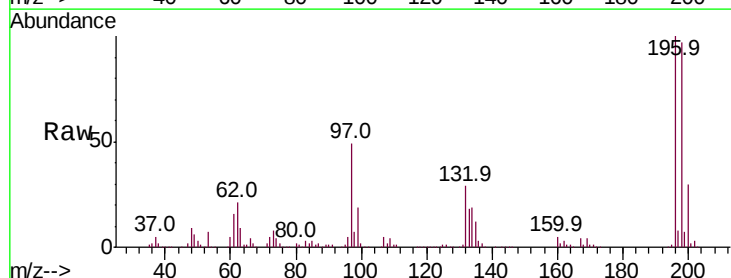
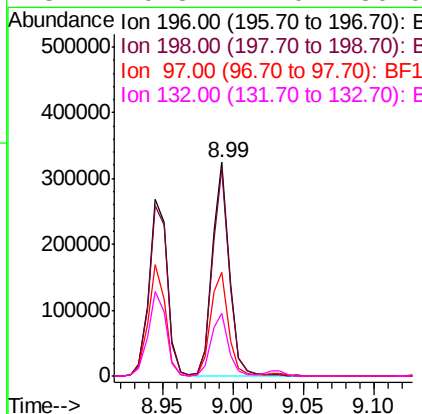
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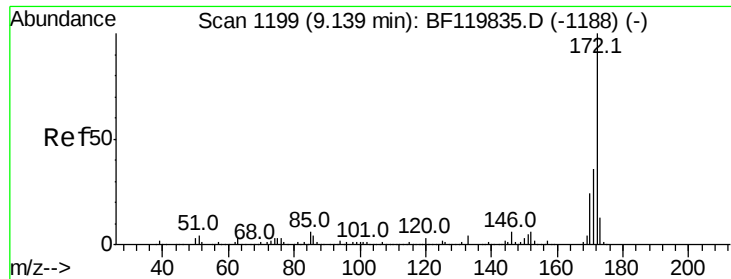
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 39.099 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.01 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	272157		
198	97.2	73.8	110.8	
97	48.5	42.6	63.8	
132	29.3	24.0	36.0	





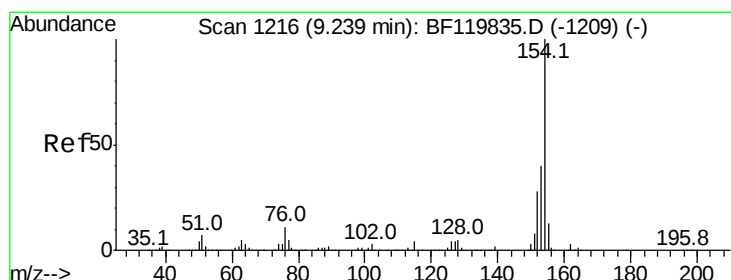
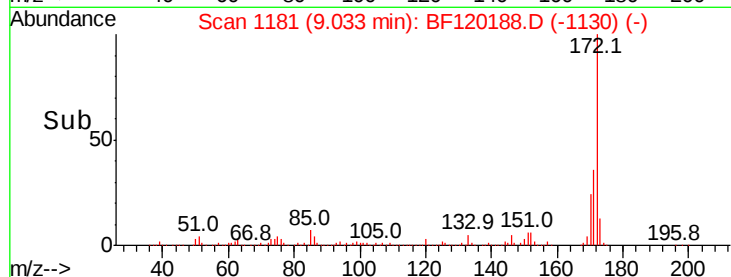
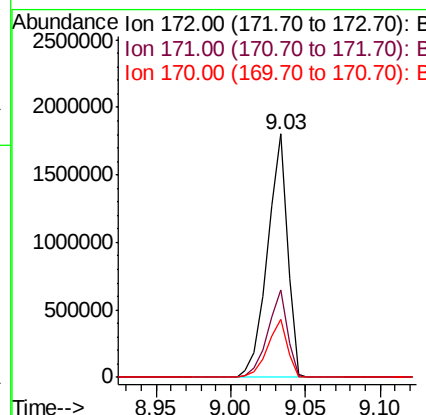
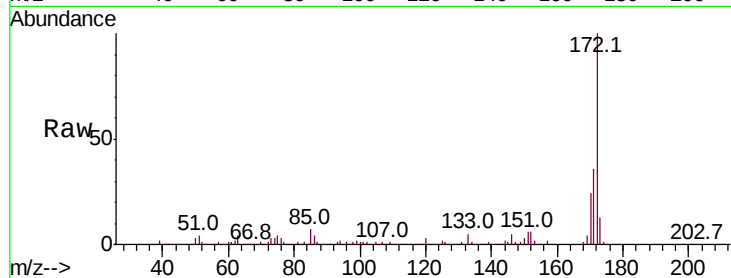
#45
2-Fluorobiphenyl
Concen: 82.786 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.9	20.2	30.2

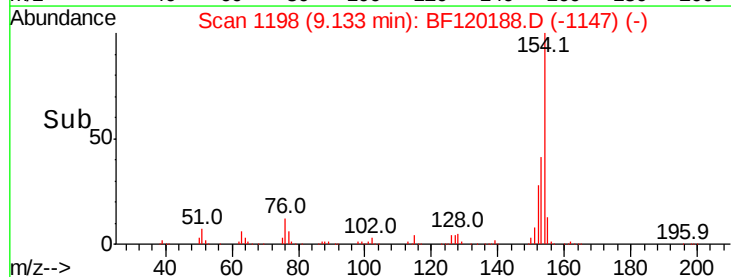
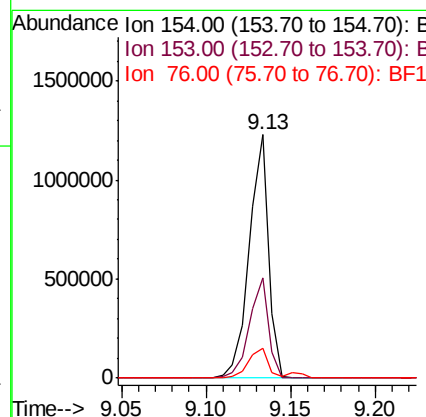
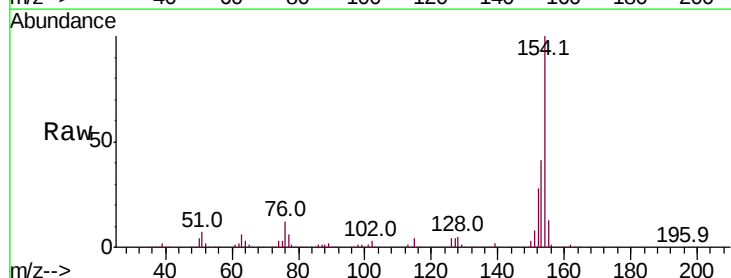
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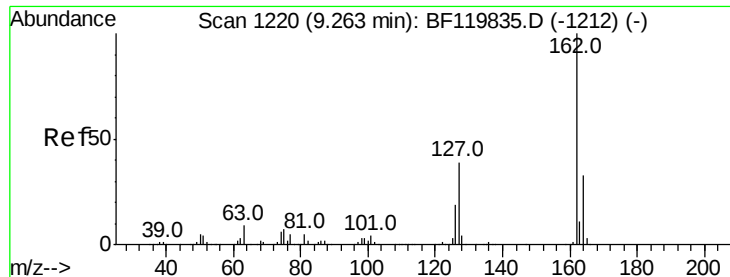
mohammad
4/27/2020 3:04:01 PM



#46
1,1'-Biphenyl
Concen: 41.145 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.4	61.4
76	12.0	0.0	33.0





#47

2-Chloronaphthalene

Concen: 40.700 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

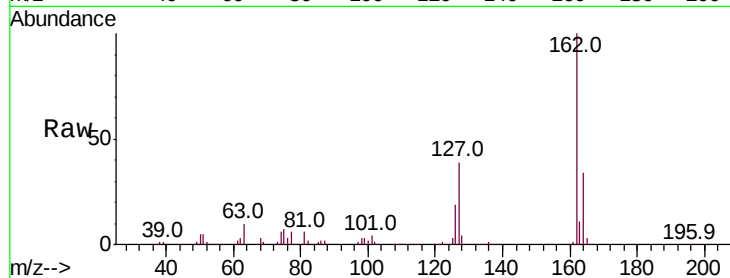
ClientSampleId :

SSTDCCC040

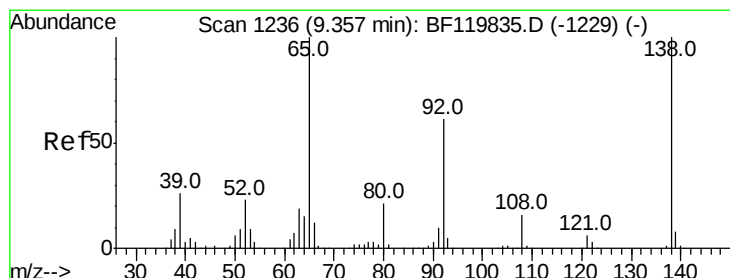
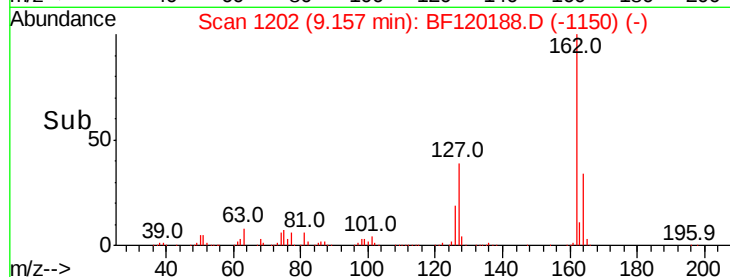
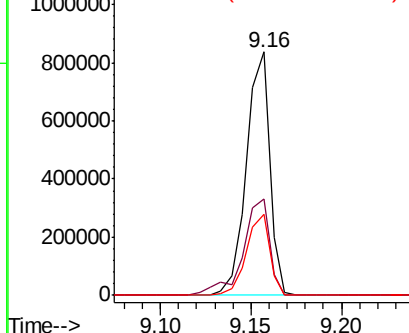
Tot Ion:	162	Resp:	749868
Ion Ratio	Lower	Upper	
162	100		
127	39.4	33.7	50.5
164	33.5	26.3	39.5

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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: 40.903 ng

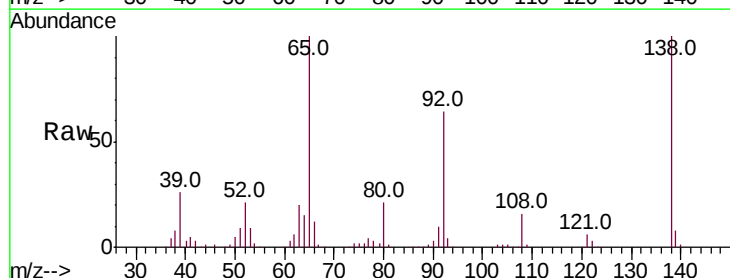
RT: 9.26 min Scan# 1219

Delta R.T. 0.01 min

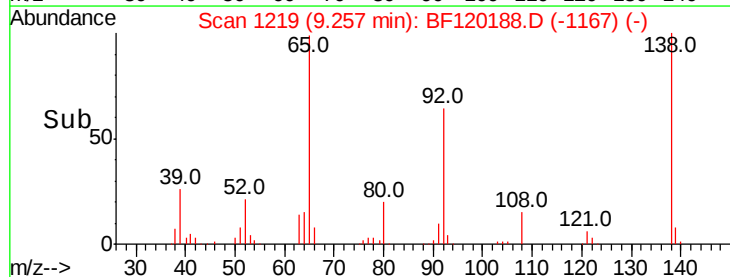
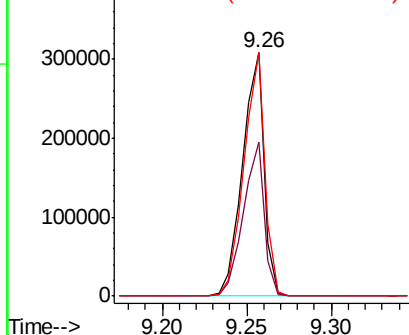
Lab File: BF120188.D

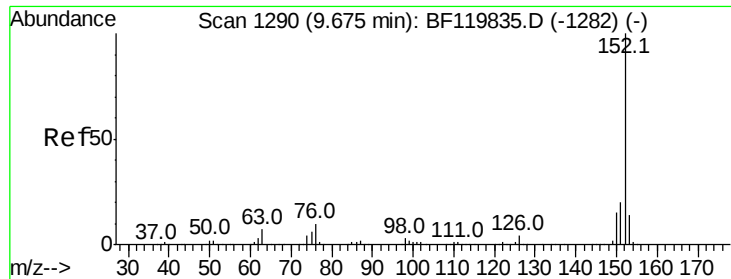
Acq: 24 Apr 2020 8:48

Tgt Ion:	65	Resp:	273103
Ion Ratio	Lower	Upper	
65	100		
92	63.5	50.0	75.0
138	100.0	75.0	112.4



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: 40.819 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1143756

Ion Ratio Lower Upper

152 100

151 20.6 17.2 25.8

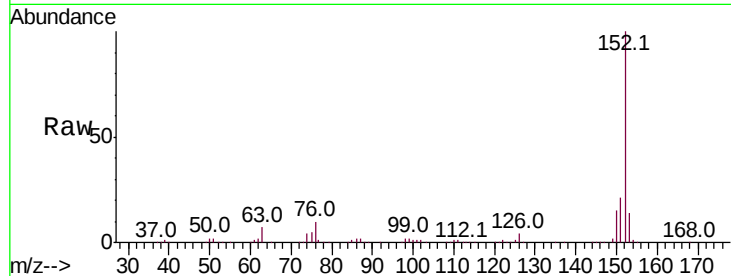
153 13.6 11.2 16.8

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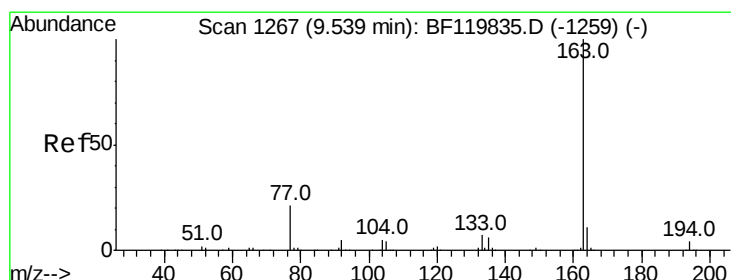
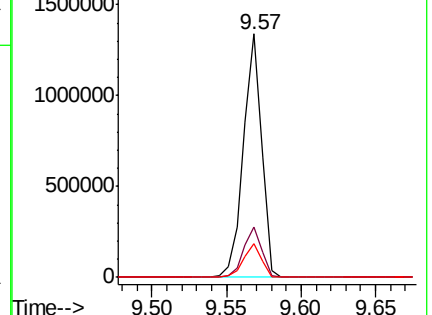
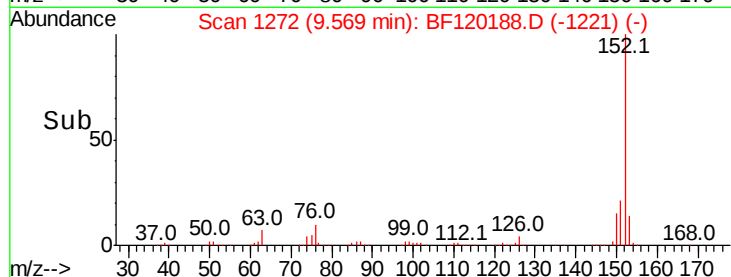
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.188 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

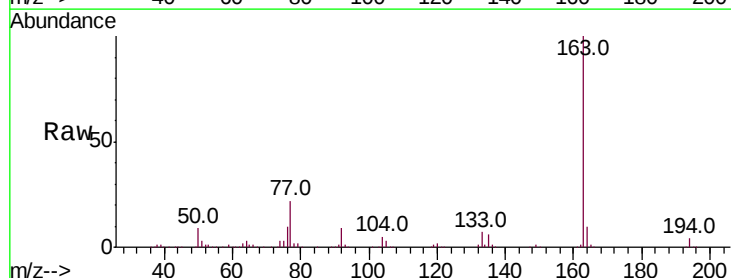
Tgt Ion:163 Resp: 880814

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

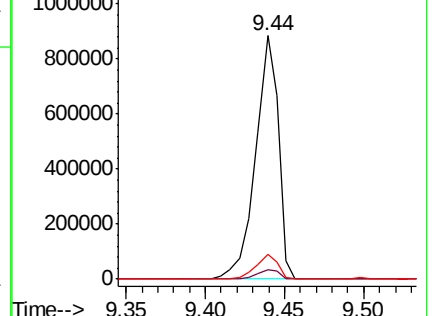
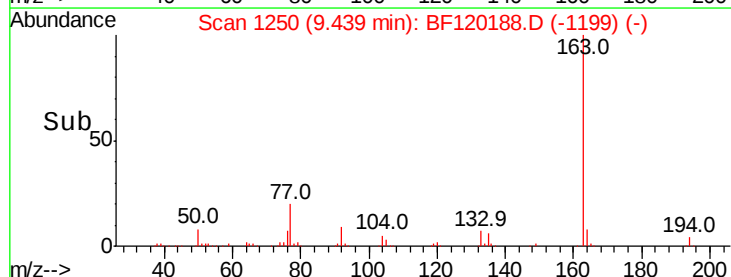
164 10.2 8.2 12.2

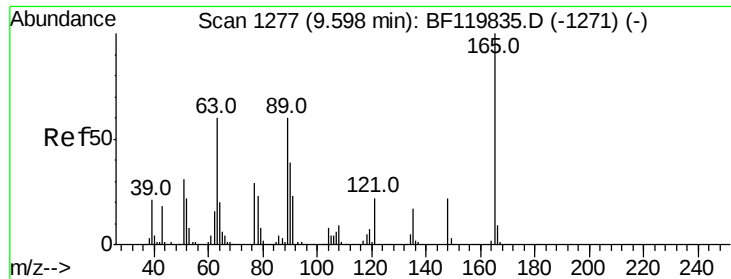


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





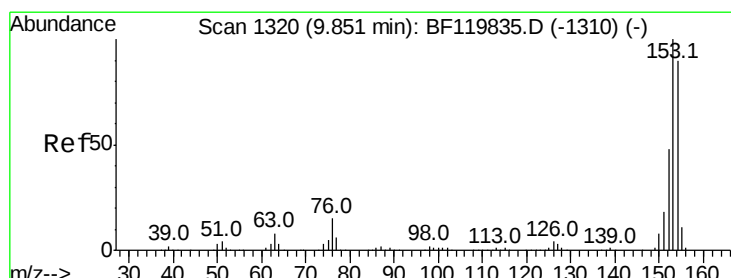
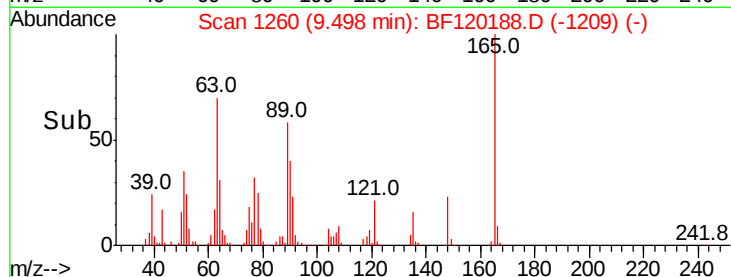
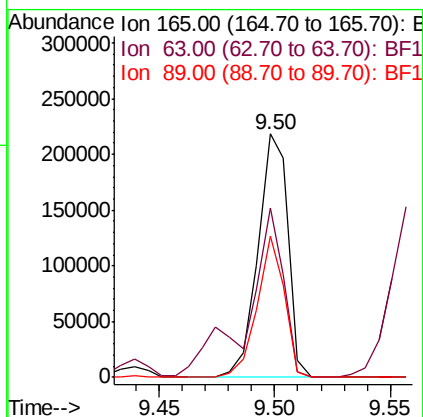
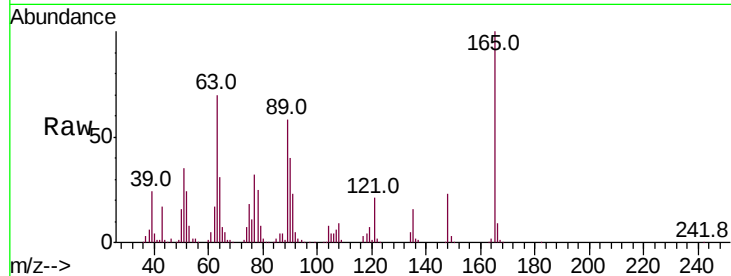
#51
 2,6-Dinitrotoluene
 Concen: 41.132 ng
 RT: 9.50 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	197415		
63	69.6	45.0	67.4#	
89	58.1	41.5	62.3	

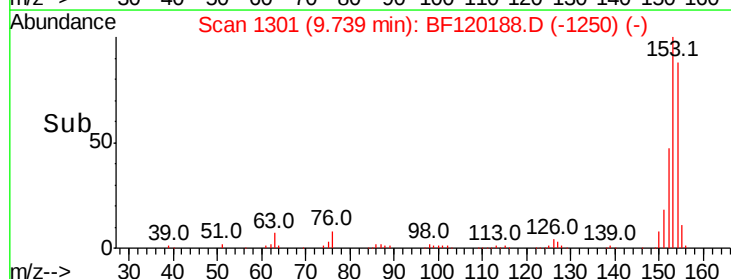
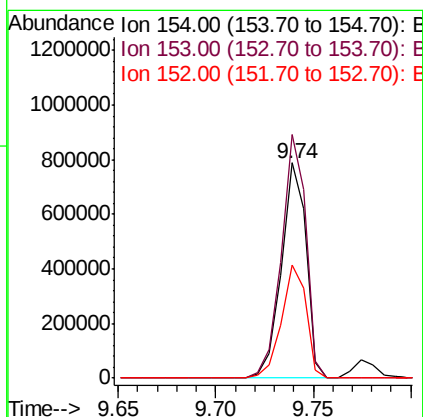
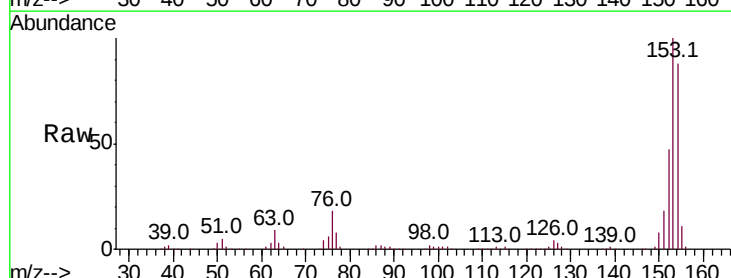
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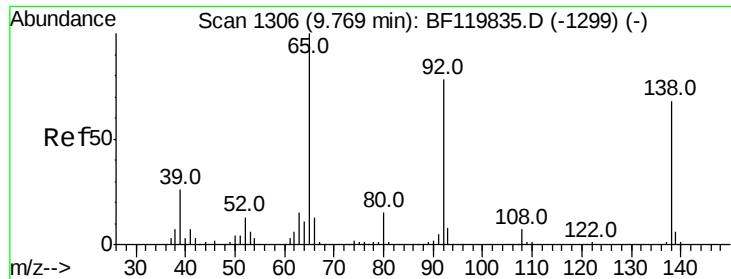
mohammad
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#52
 Acenaphthene
 Concen: 37.047 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	692458		
153	113.2	88.1	132.1	
152	52.8	43.0	64.4	





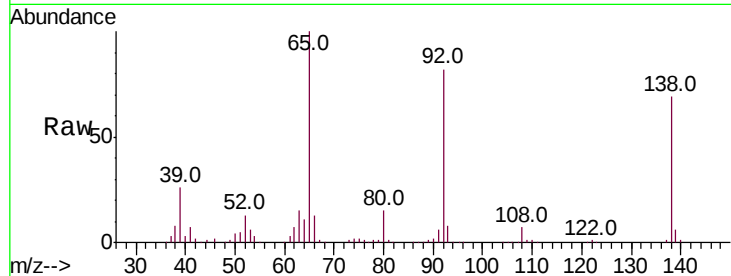
#53
3-Nitroaniline
Concen: 39.902 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.6	13.0
92	118.6	95.4	143.0

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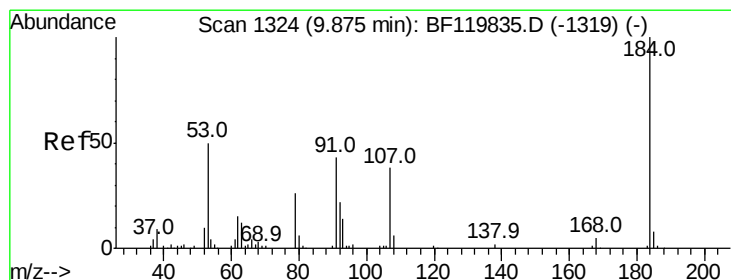
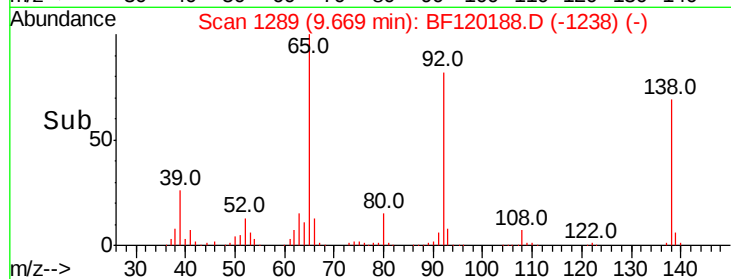
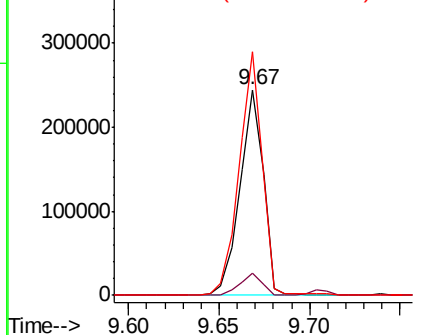


Abundance

Ion 138.00 (137.70 to 138.70): E

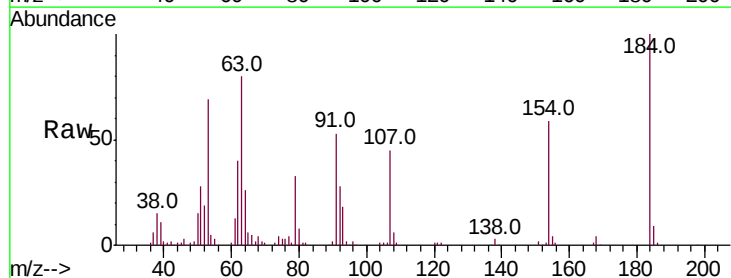
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 35.463 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Tgt Ion	Ratio	Lower	Upper
184	100		
63	80.1	50.2	75.4#
154	59.5	44.5	66.7

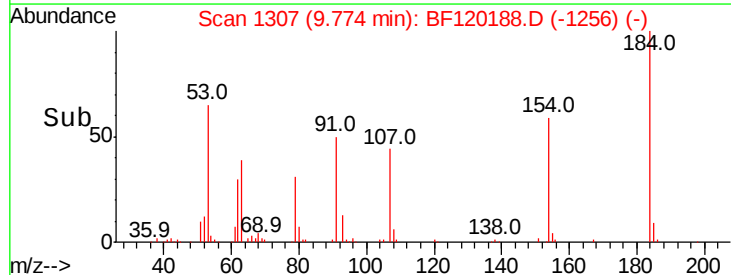
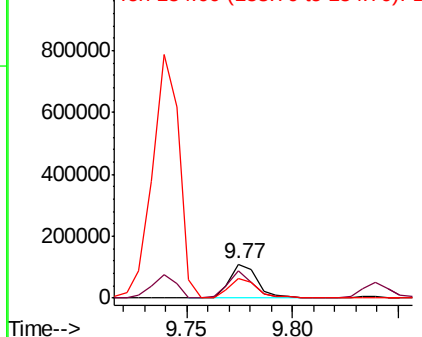


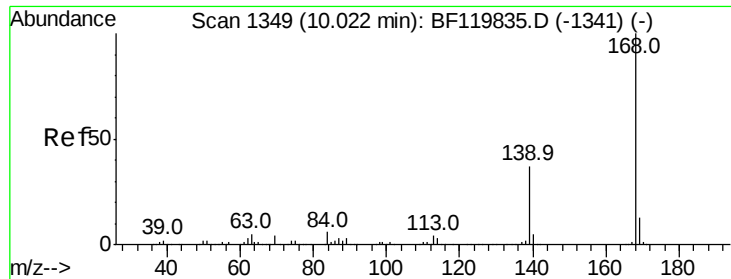
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





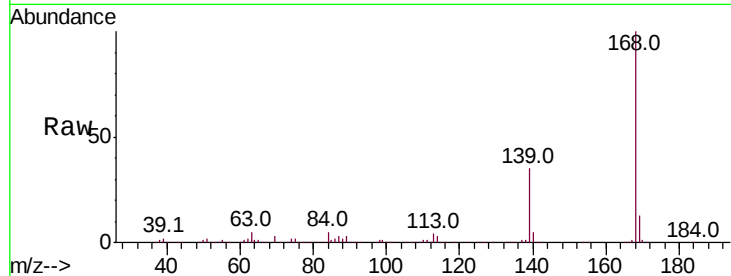
#55
Dibenzofuran
Concen: 40.838 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

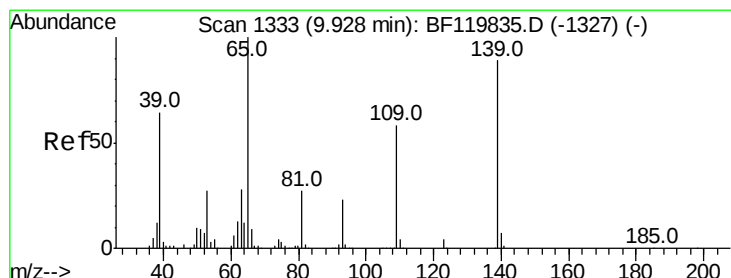
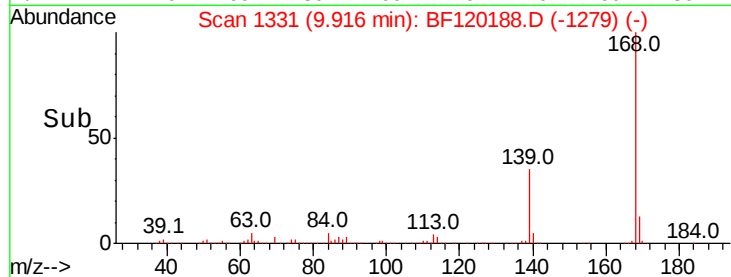
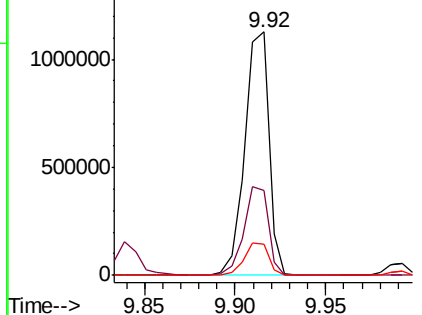
Tot Ion:168 Resp: 1047447
Ion Ratio Lower Upper
168 100
139 34.9 30.1 45.1
169 12.9 11.0 16.6

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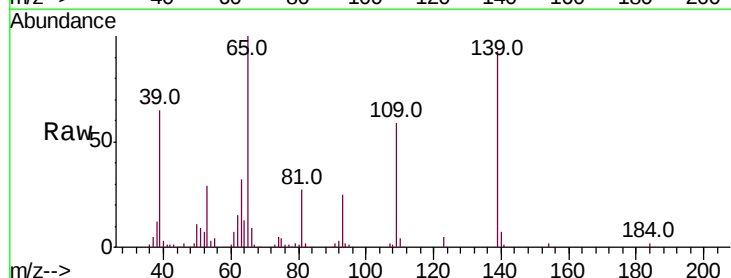


Abundance Ion 168.00 (167.70 to 168.70): E
1500000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

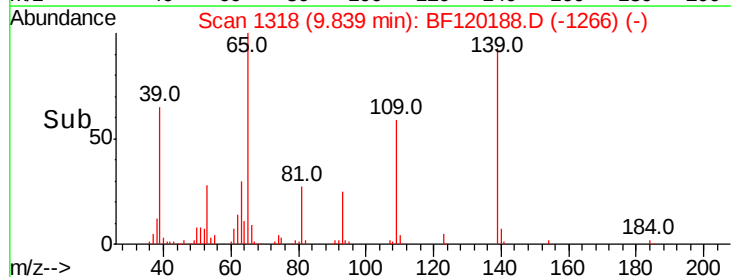
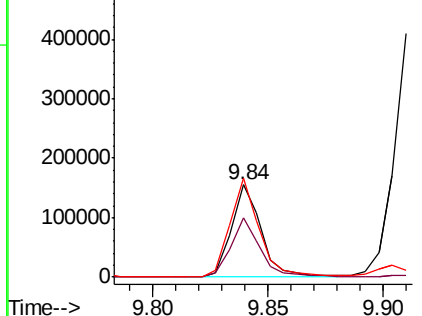


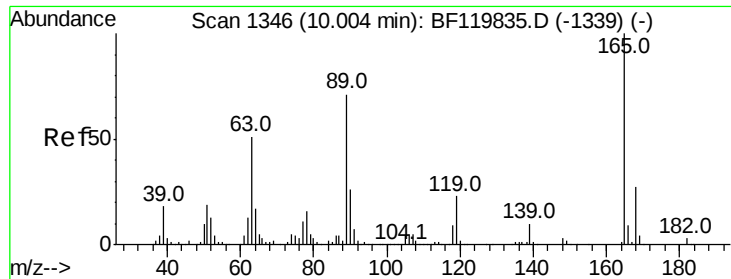
#56
4-Nitrophenol
Concen: 34.282 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Tgt Ion:139 Resp: 139819
Ion Ratio Lower Upper
139 100
109 63.9 43.3 83.3
65 108.0 91.0 131.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





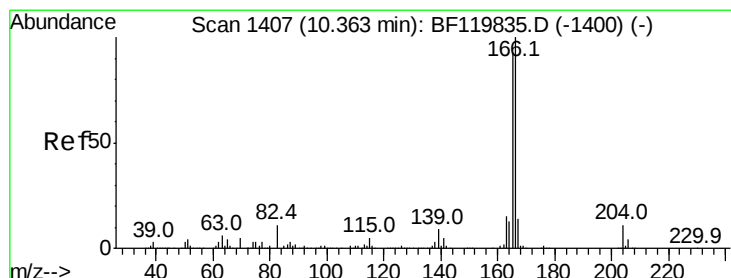
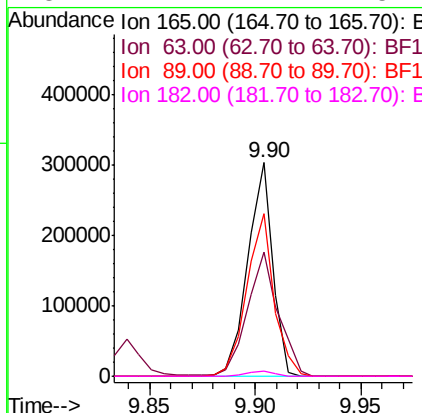
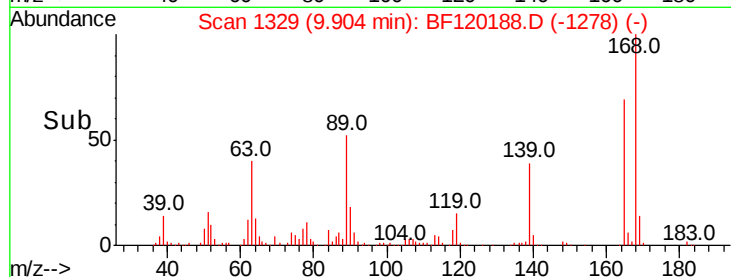
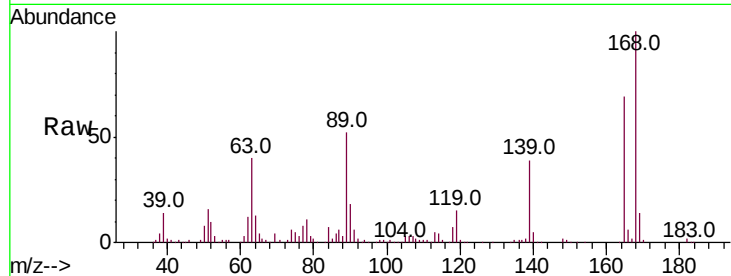
#57
 2,4-Dinitrotoluene
 Concen: 39.471 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	249591		
63	58.2	42.6	64.0	
89	75.8	61.0	91.4	
182	2.4	2.2	3.2	

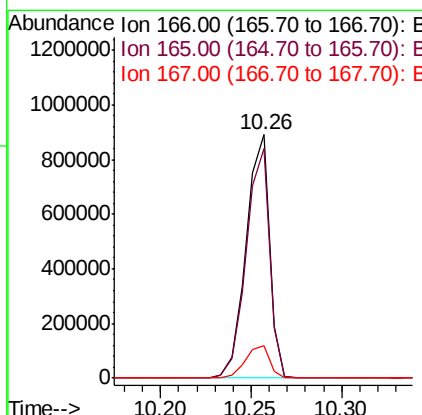
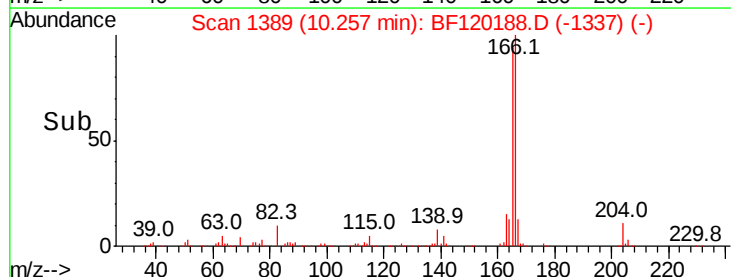
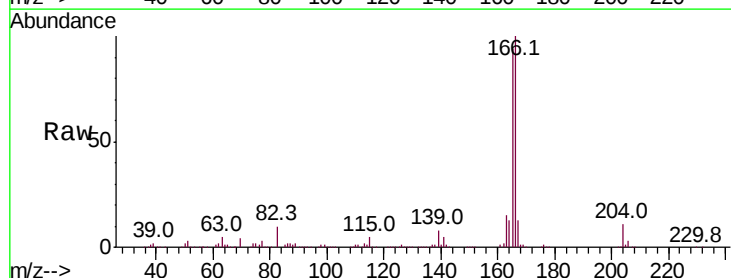
Manual Integrations
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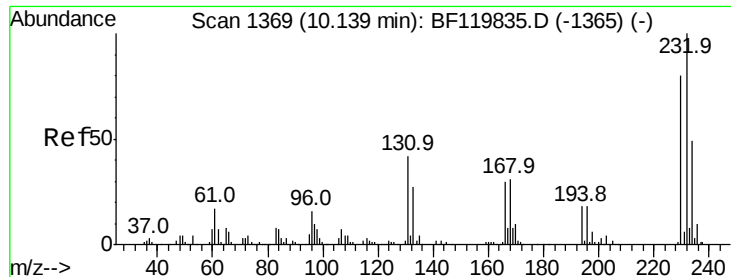
mohammad
 4/27/2020 3:04:01 PM



#58
 Fluorene
 Concen: 38.983 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.01 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	799640		
165	94.4	75.4	113.2	
167	13.3	11.2	16.8	





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.167 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 203189
Ion Ratio Lower Upper

232 100

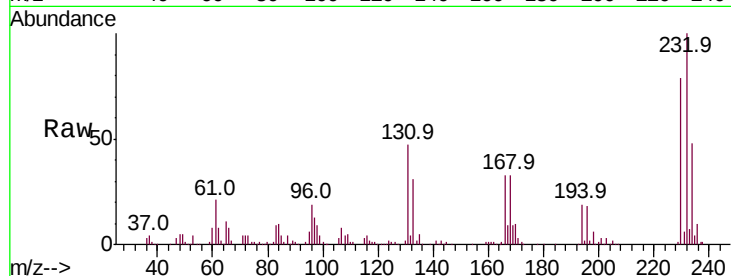
131 46.3 37.5 56.3

130 1.9 1.8 2.6

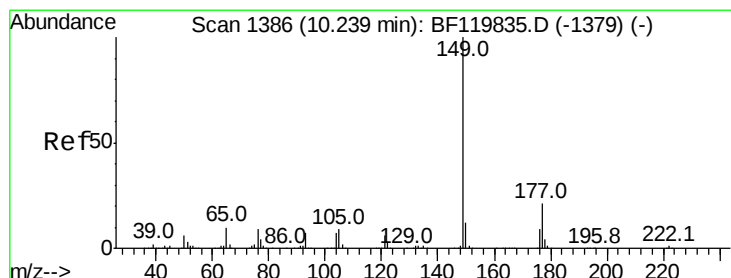
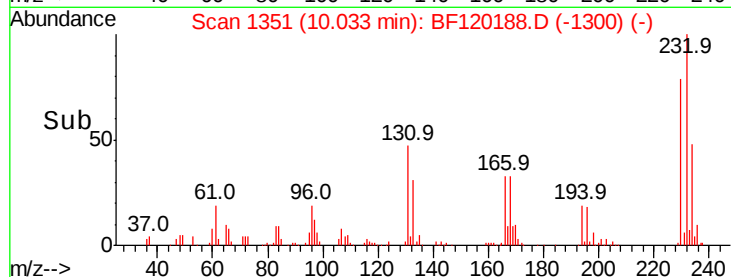
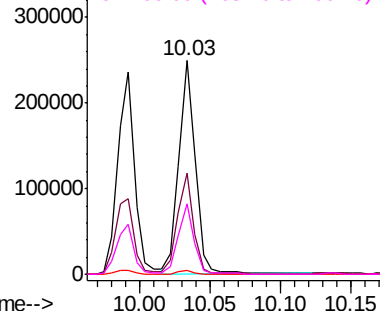
166 32.1 24.6 36.8

Manual Integrations
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Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 40.093 ng

RT: 10.14 min Scan# 1369

Delta R.T. 0.01 min

Lab File: BF120188.D

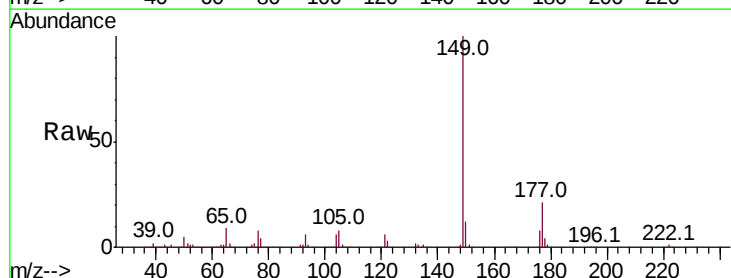
Acq: 24 Apr 2020 8:48

Tgt Ion:149 Resp: 910754
Ion Ratio Lower Upper

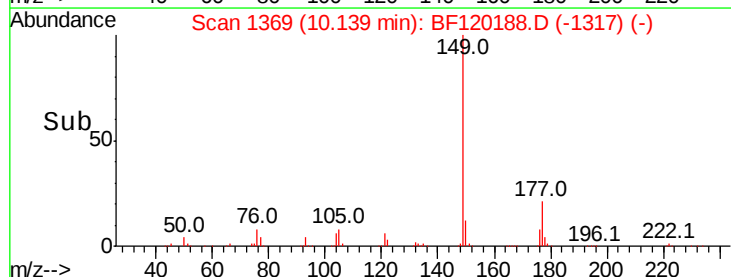
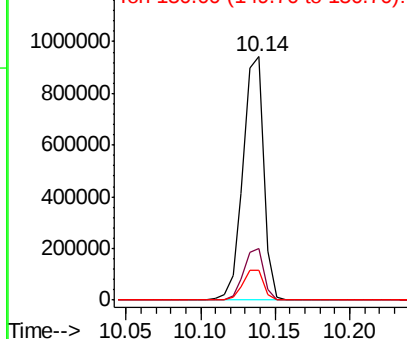
149 100

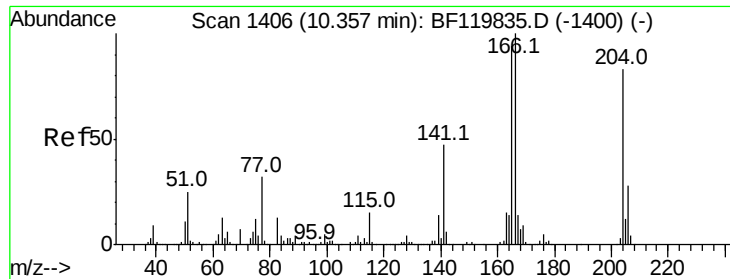
177 21.1 17.0 25.6

150 12.1 10.1 15.1



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





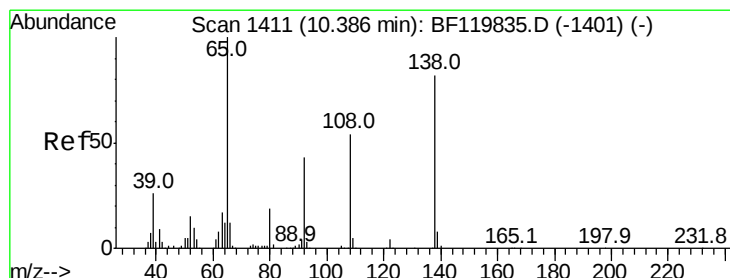
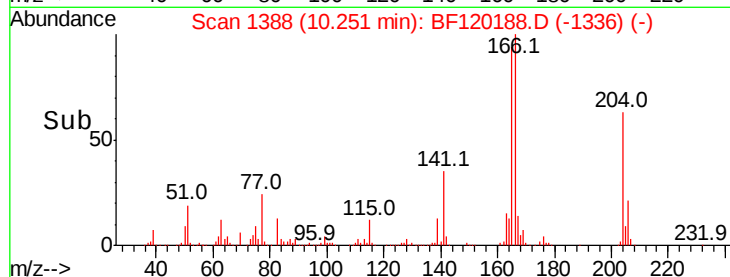
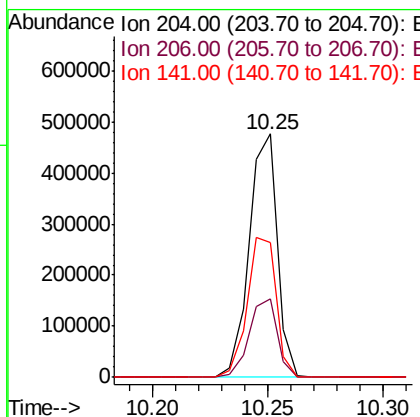
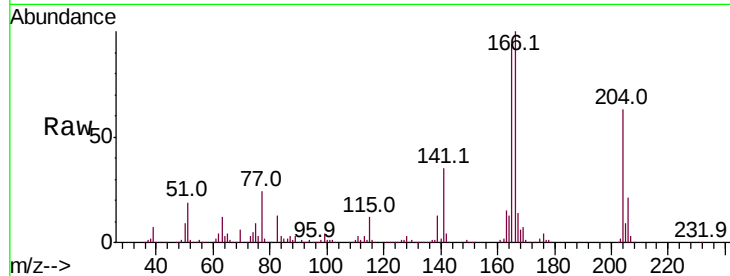
#61
 4-Chlorophenyl-phenylether
 Concen: 38.769 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.7	40.1
141	55.6	47.3	70.9

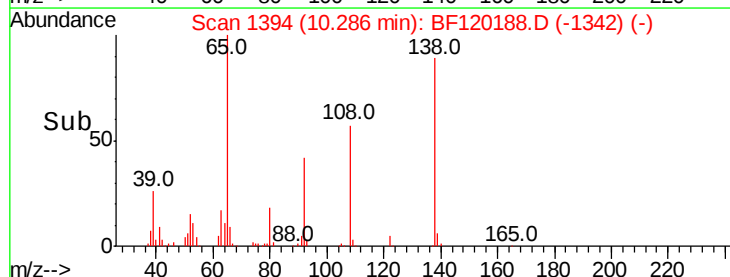
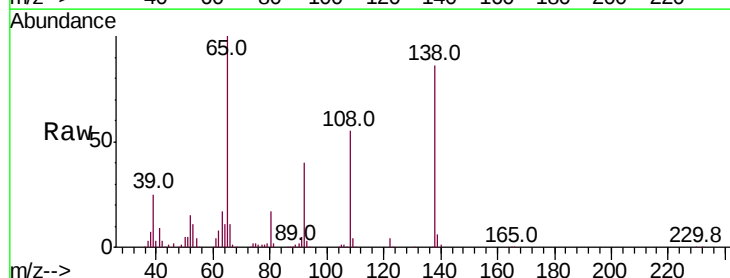
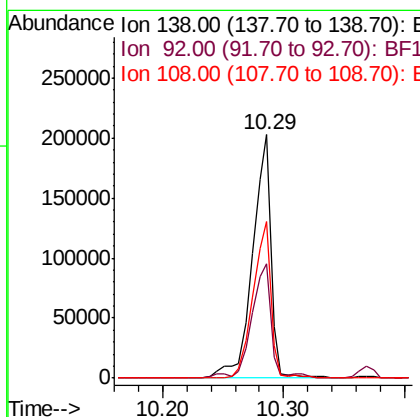
Manual Integrations
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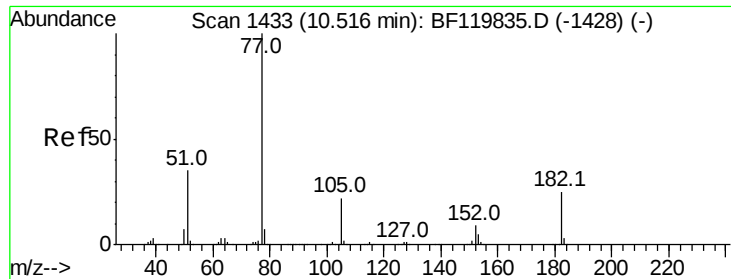
mohammad
 4/27/2020 3:04:01 PM



#62
 4-Nitroaniline
 Concen: 41.685 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.01 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.0	31.5	71.5
108	64.2	45.8	85.8





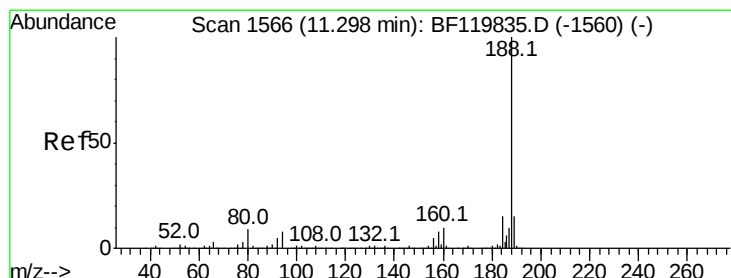
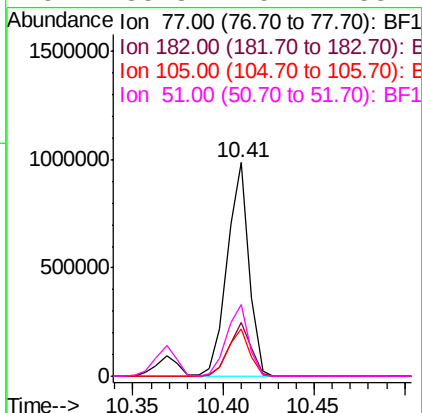
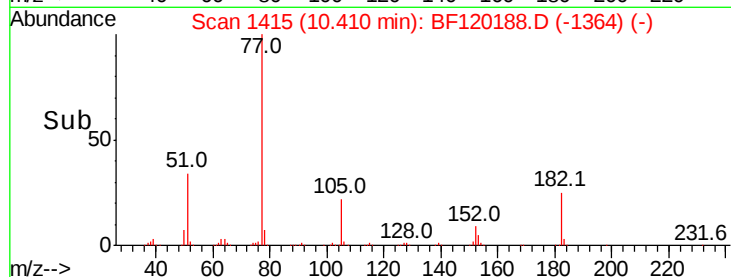
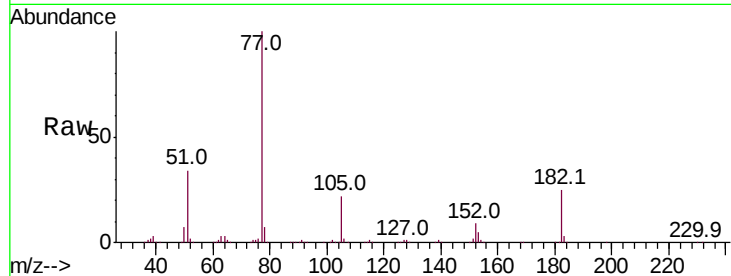
#63
Azobenzene
Concen: 40.542 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.3	4.4	44.4
105	22.3	2.6	42.6
51	33.8	15.1	55.1

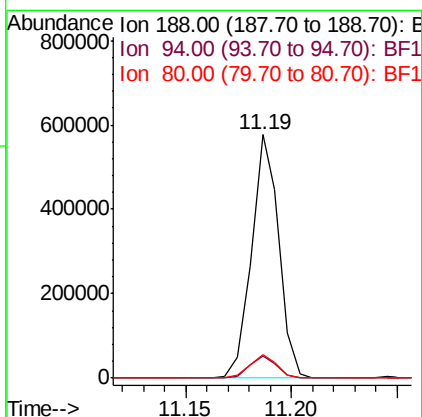
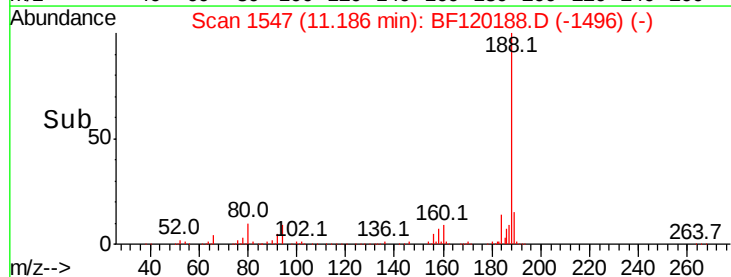
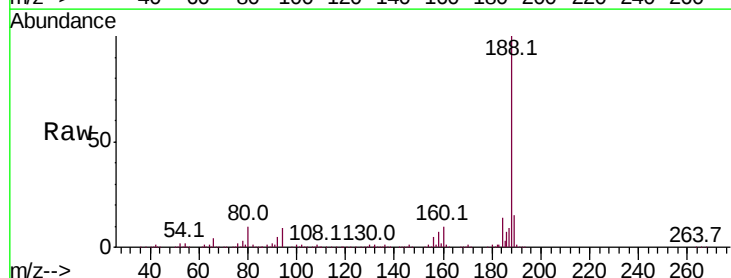
Manual Integrations
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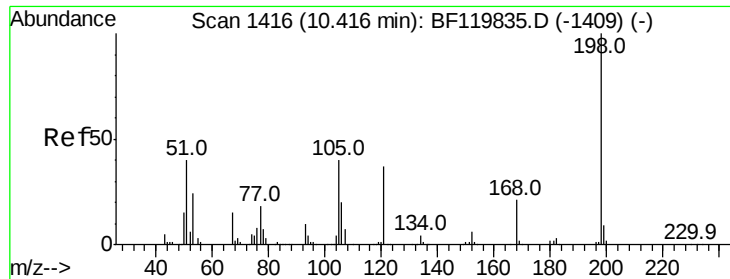
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.5	11.3
80	9.7	9.0	13.4





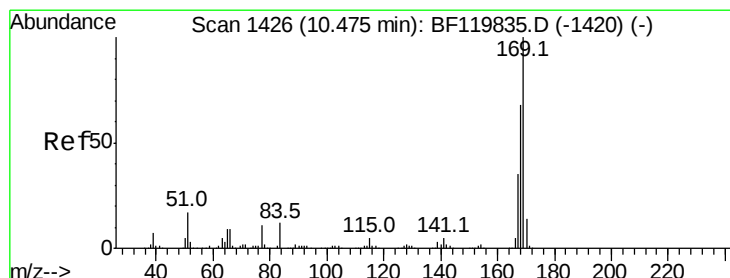
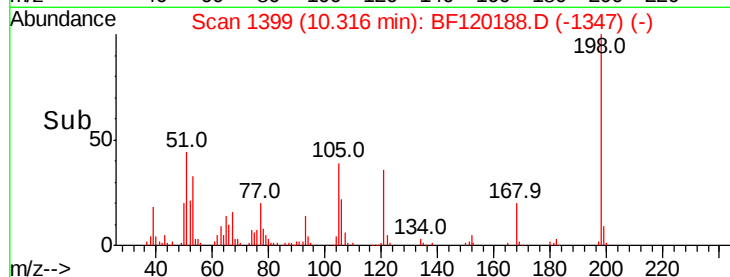
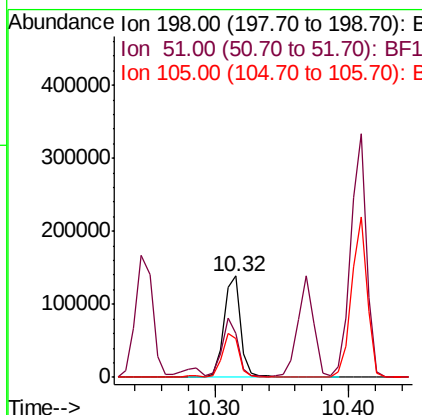
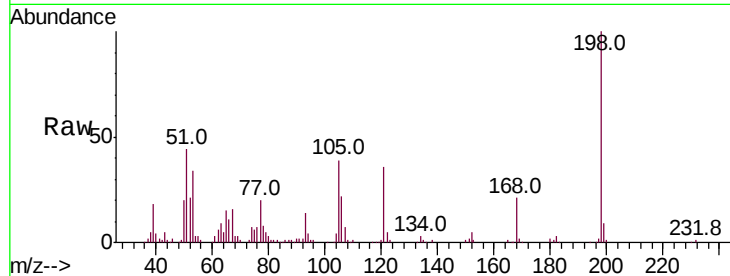
#65
4,6-Dinitro-2-methylphenol
Concen: 36.649 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	124766		
51	44.0	29.0	69.0	
105	38.7	22.2	62.2	

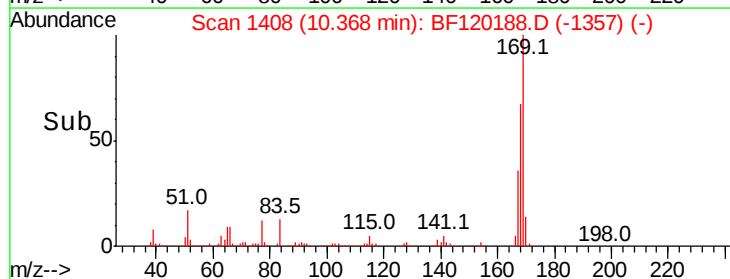
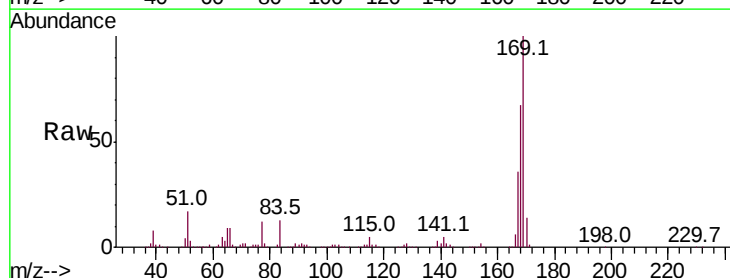
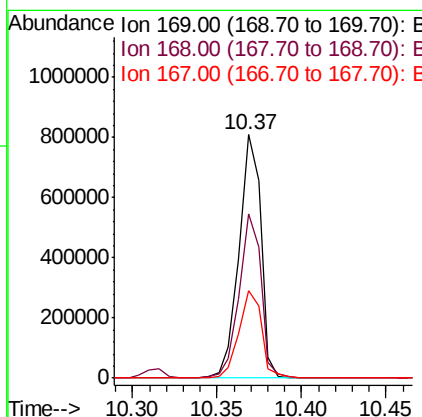
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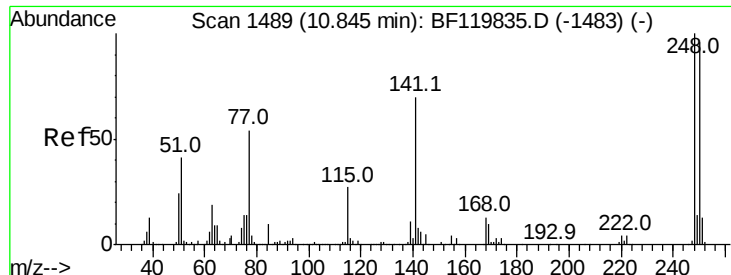
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 42.365 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	728058		
168	67.4	53.2	79.8	
167	35.9	29.1	43.7	





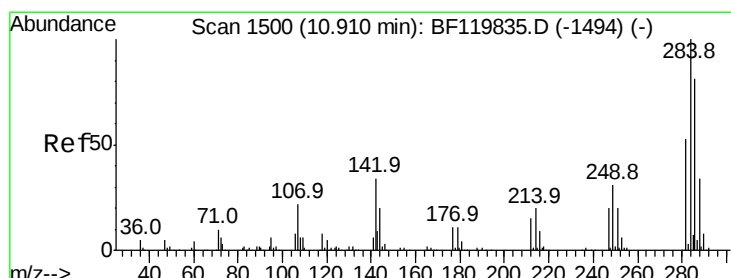
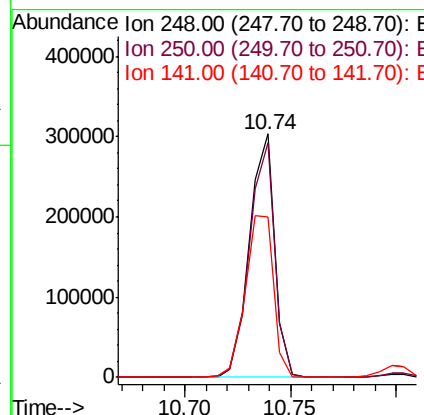
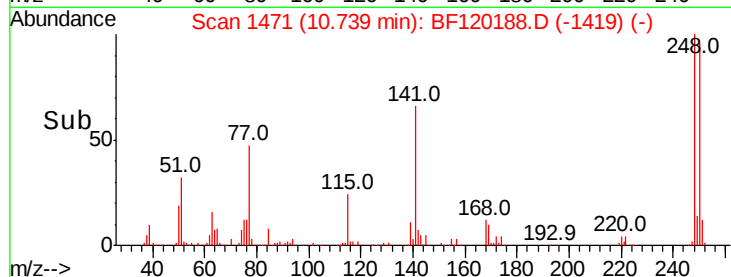
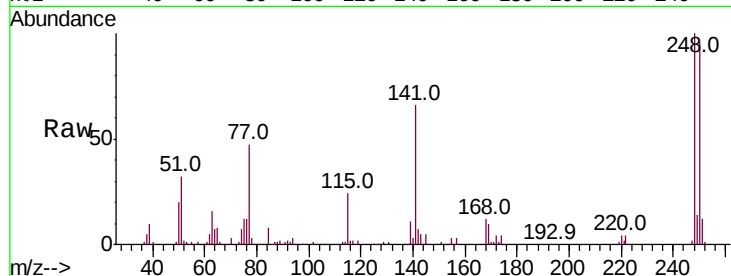
#67
 4-Bromophenyl-phenylether
 Concen: 39.282 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. 0.01 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.1	77.3	115.9
141	65.7	58.6	87.8

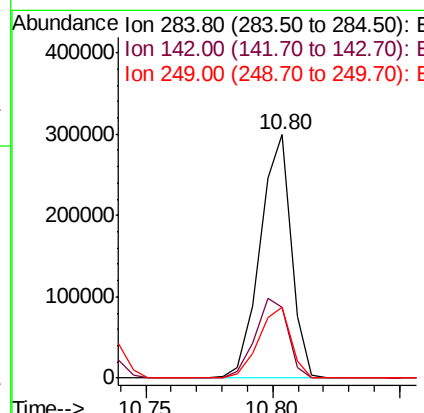
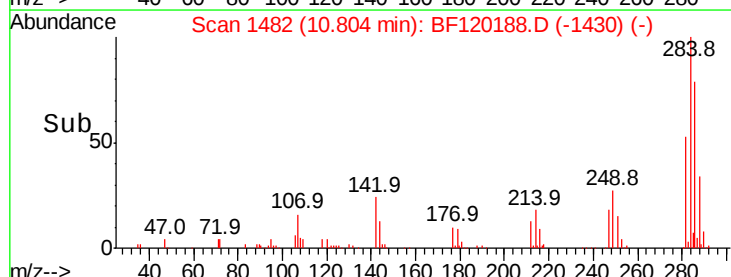
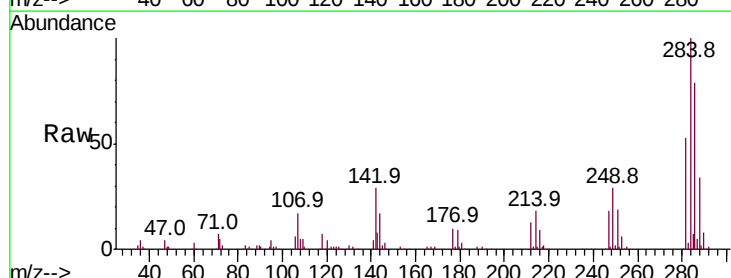
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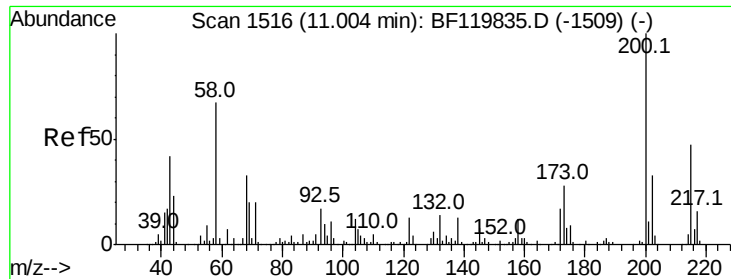
mohammad
 4/27/2020 3:04:01 PM



#68
 Hexachlorobenzene
 Concen: 39.488 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.3	29.2	43.8
249	29.0	25.1	37.7





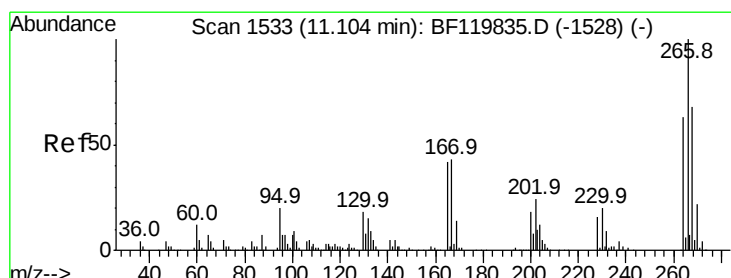
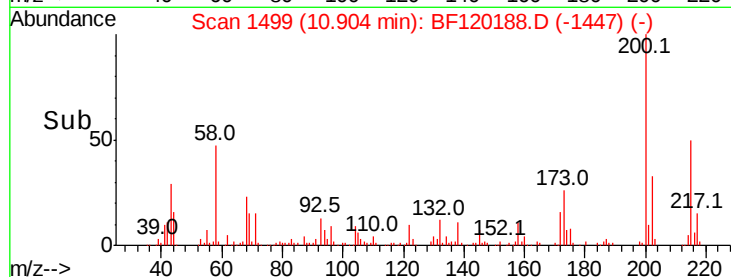
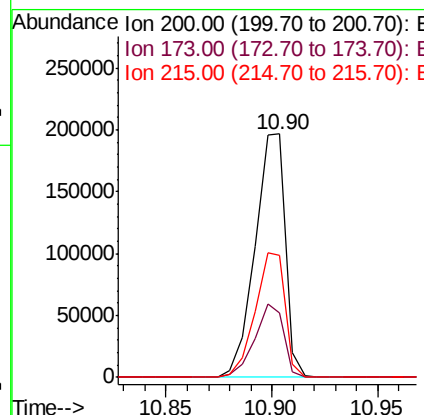
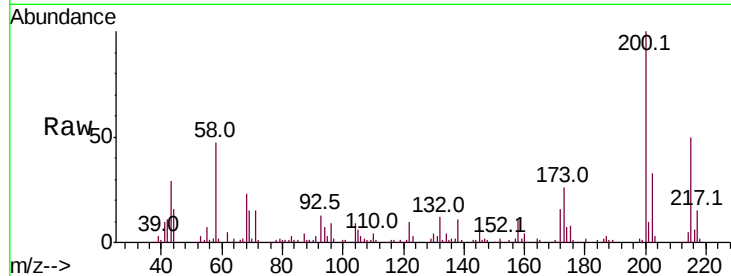
#69
Atrazine
Concen: 41.200 ng
RT: 10.90 min Scan# 1499
Delta R.T. 0.01 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.2	9.3	49.3
215	50.3	29.5	69.5

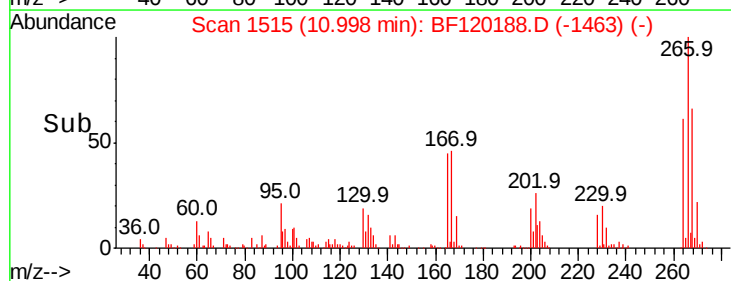
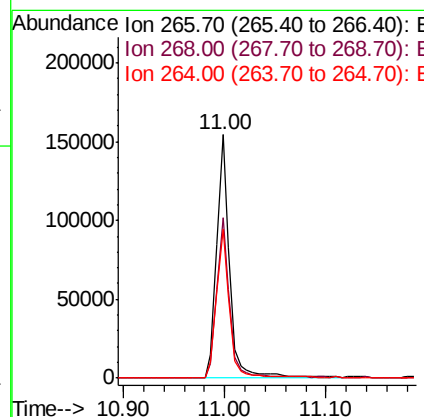
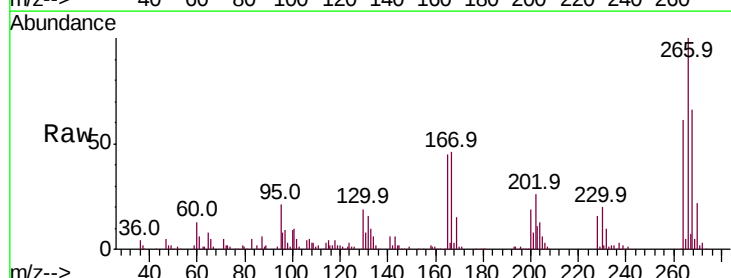
Manual Integrations
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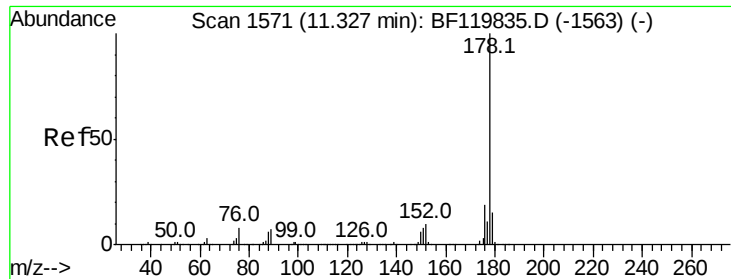
mohammad
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#70
Pentachlorophenol
Concen: 37.021 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.0	53.3	79.9
264	60.9	49.0	73.4





#71

Phenanthrene

Concen: 40.941 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1125946

Ion Ratio Lower Upper

178 100

176 19.1 16.2 24.4

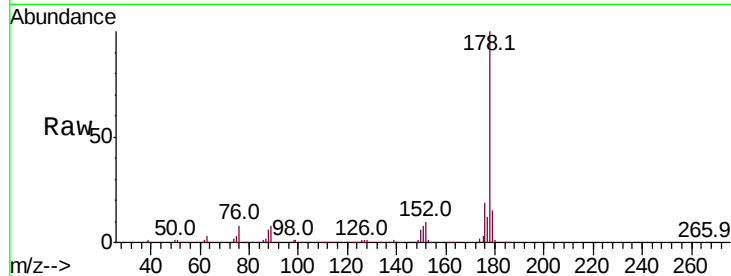
179 15.2 13.2 19.8

Manual Integrations

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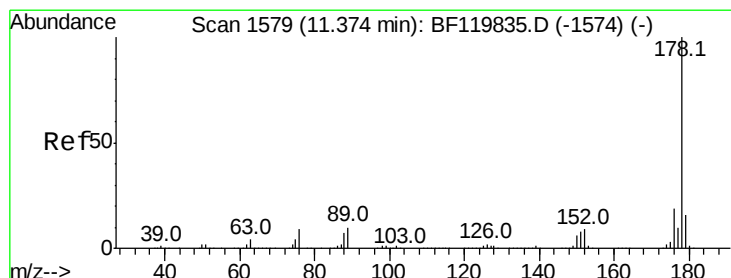
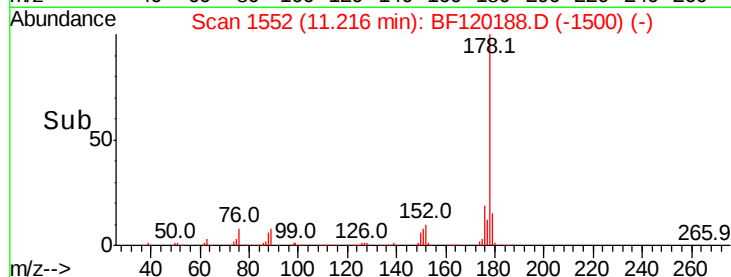
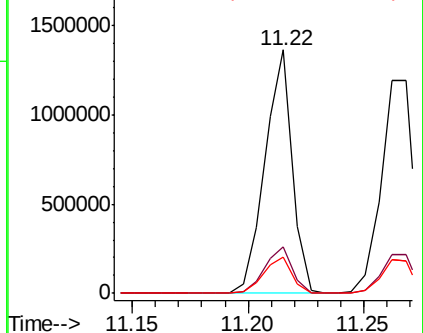
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.721 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Tgt Ion:178 Resp: 1144032

Ion Ratio Lower Upper

178 100

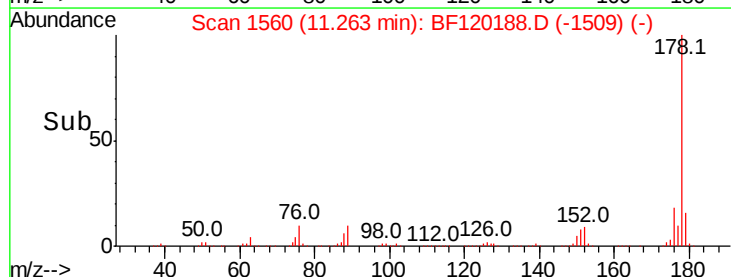
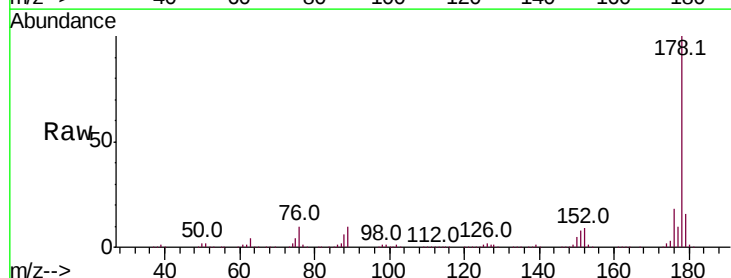
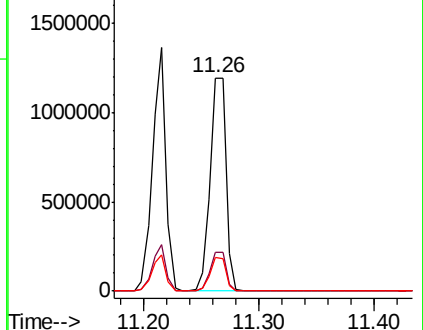
176 18.1 16.1 24.1

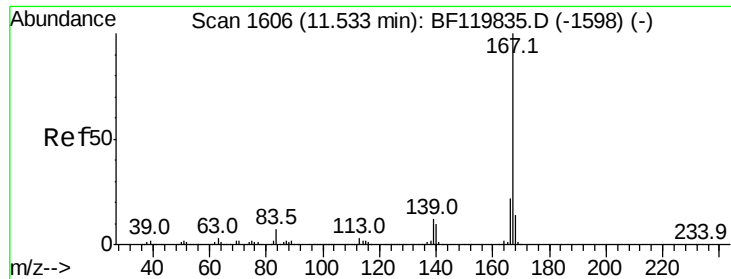
179 15.7 13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73
 Carbazole
 Concen: 39.979 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

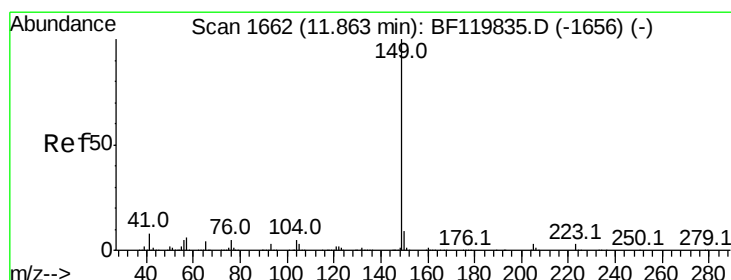
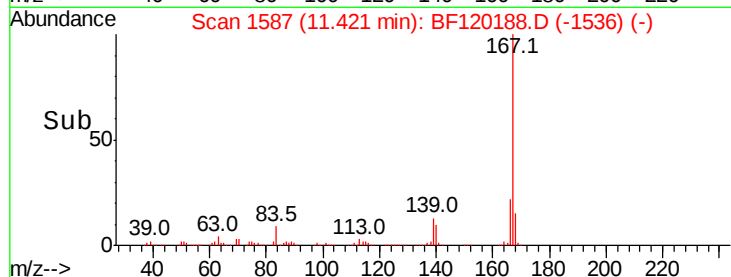
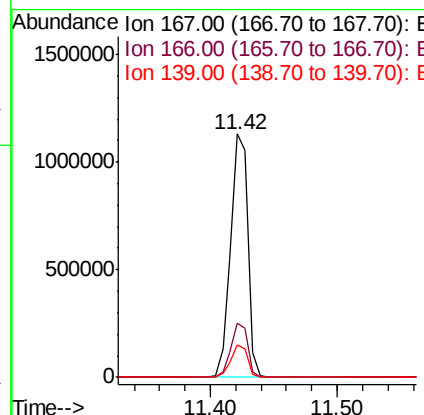
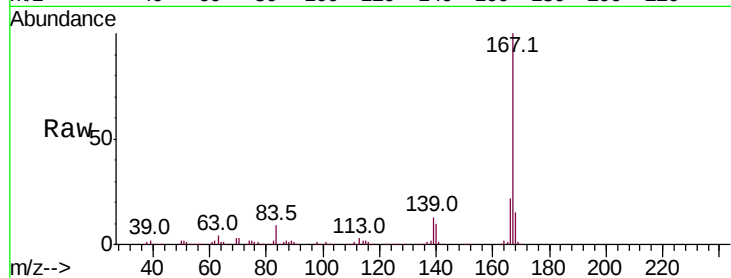
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 1062183

Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.4
139	13.2	10.7	16.1

Manual Integrations
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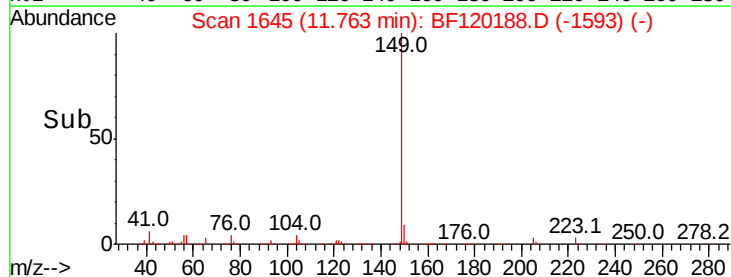
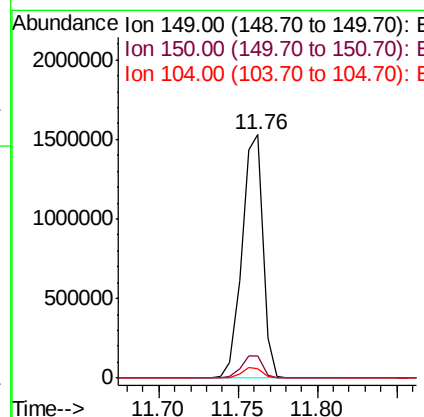
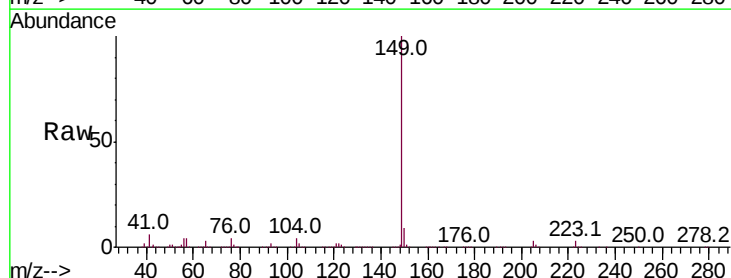
mohammad
 4/27/2020 3:04:01 PM

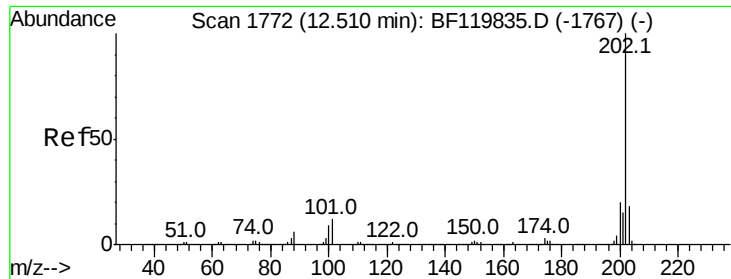


#74
 Di-n-butylphthalate
 Concen: 39.915 ng
 RT: 11.76 min Scan# 1645
 Delta R.T. 0.01 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

Tgt Ion:149 Resp: 1394106

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.8	11.8
104	4.0	3.6	5.4





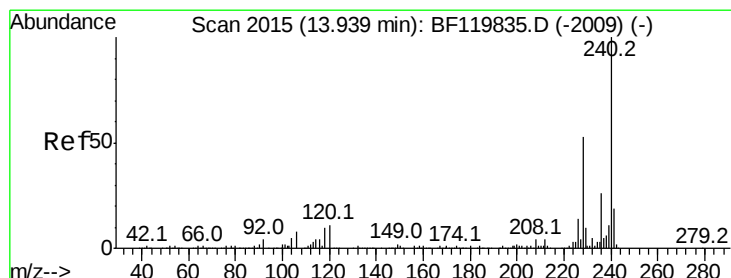
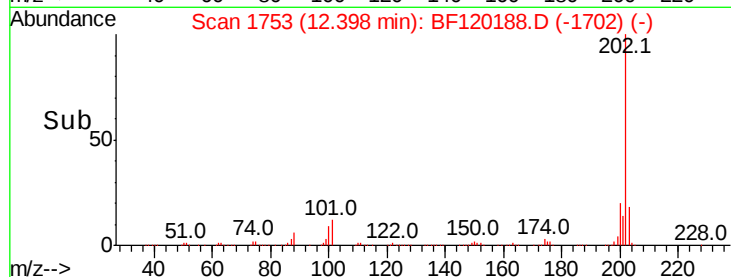
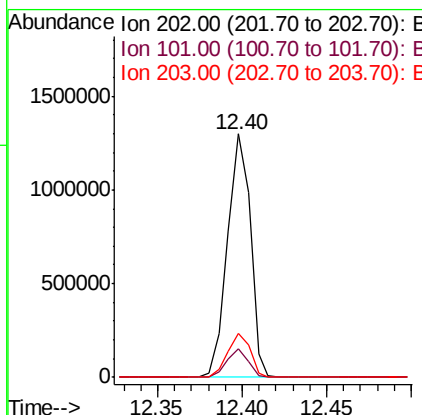
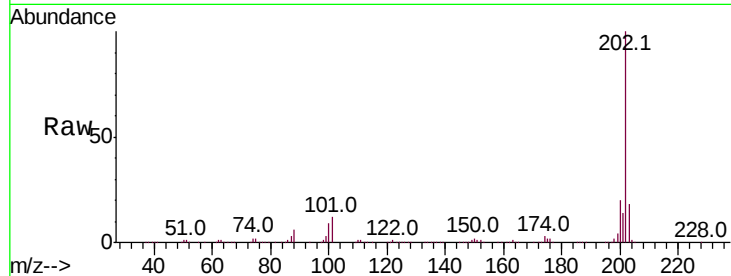
#75
 Fluoranthene
 Concen: 41.188 ng
 RT: 12.40 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	32.2
203	18.0	0.0	38.8

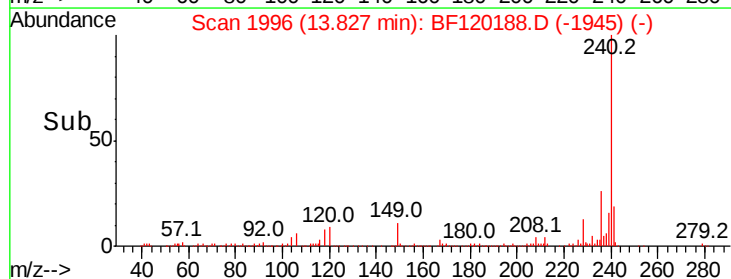
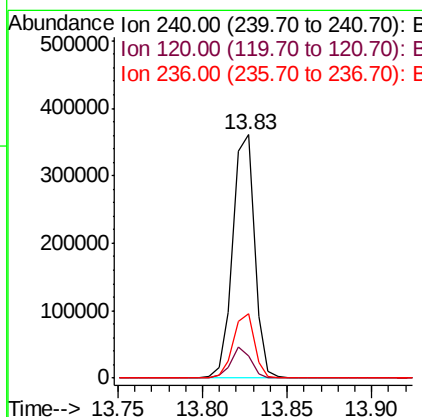
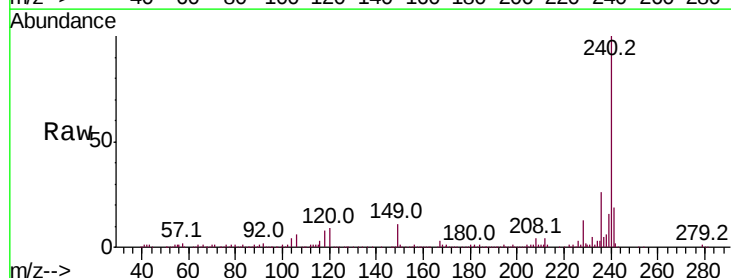
Manual Integrations
 APPROVED

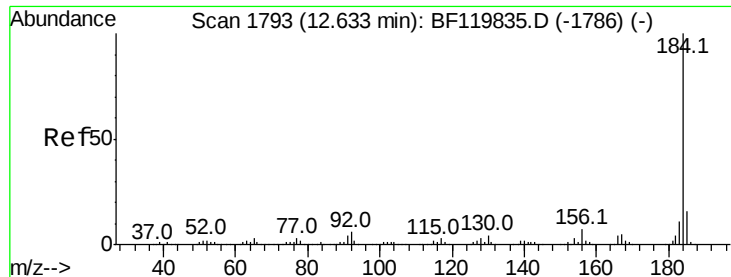
mohammad
 4/27/2020 3:04:01 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.00 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.0	10.6	15.8#
236	26.4	20.2	30.2





#77

Benzidine

Concen: 40.661 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

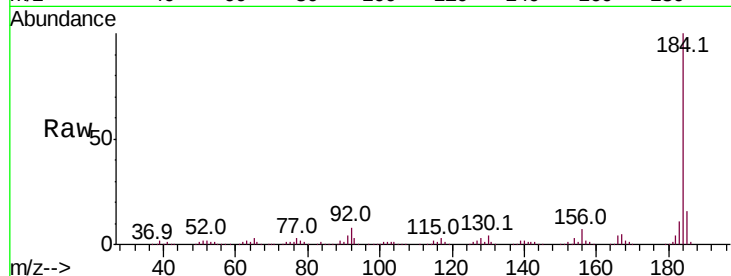
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	16.1	12.3	18.5
183	10.7	9.0	13.6

Manual Integrations
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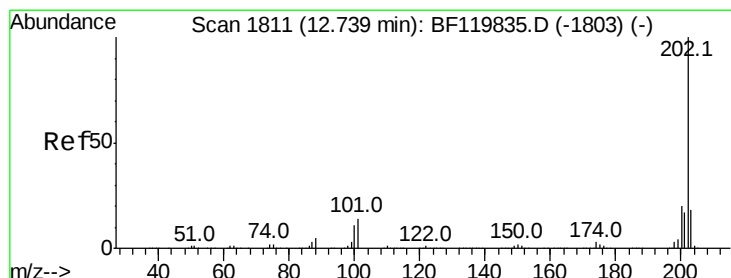
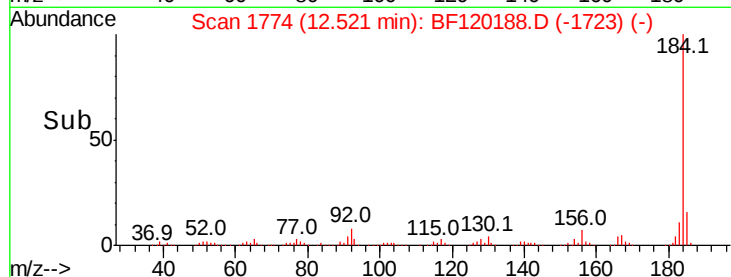
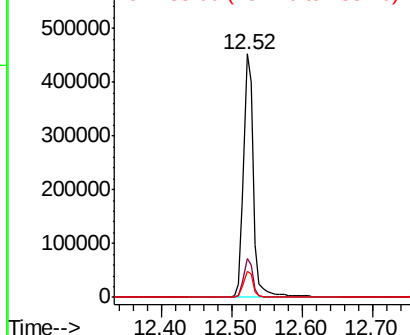


Abundance

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: 44.164 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

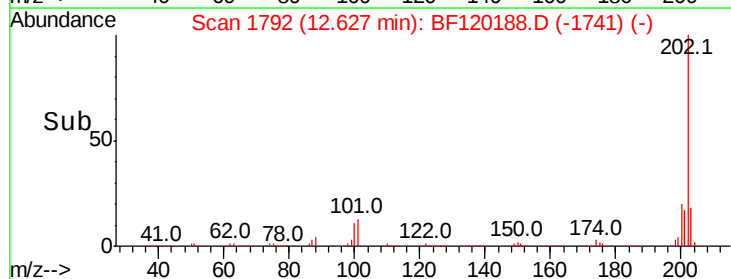
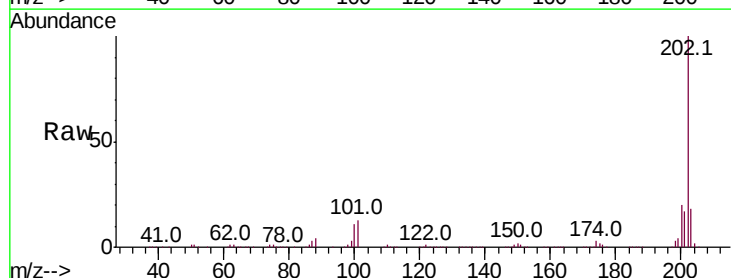
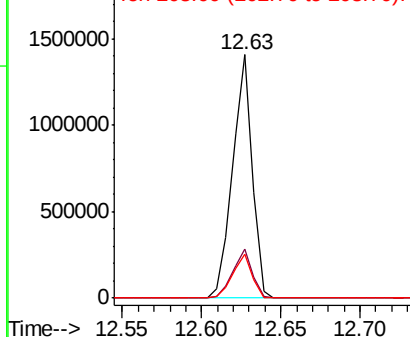
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.8	25.2
203	17.9	15.1	22.7

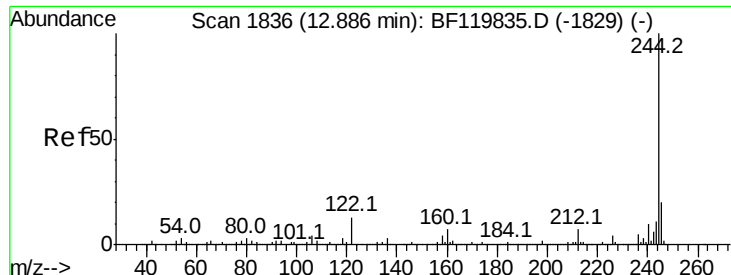
Abundance

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: 85.653 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1652775

Ion Ratio Lower Upper

244 100

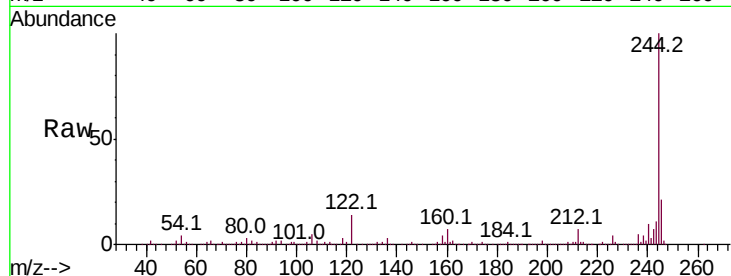
212 7.1 5.8 8.8

122 13.7 10.3 15.5

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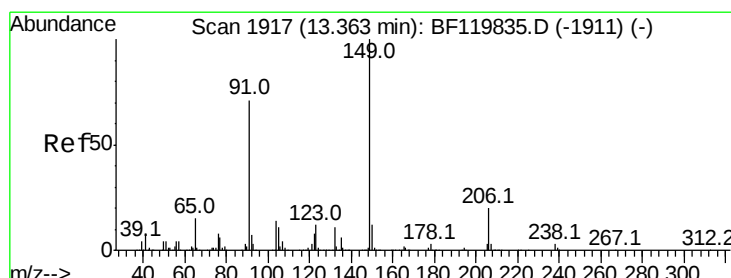
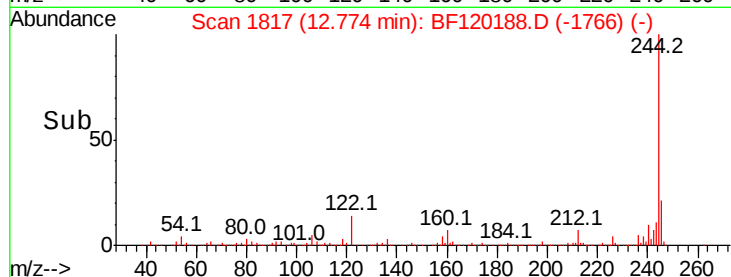
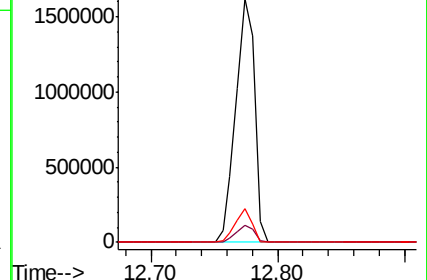
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.989 ng

RT: 13.25 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

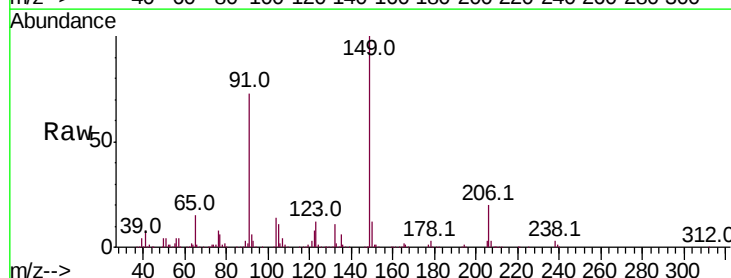
Tgt Ion:149 Resp: 570974

Ion Ratio Lower Upper

149 100

91 72.8 54.7 82.1

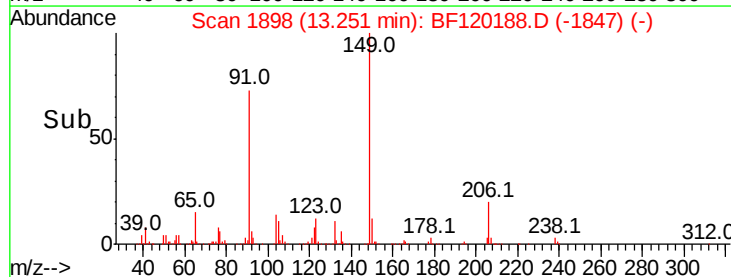
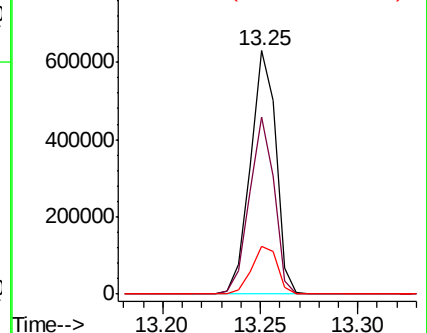
206 19.5 16.2 24.2



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





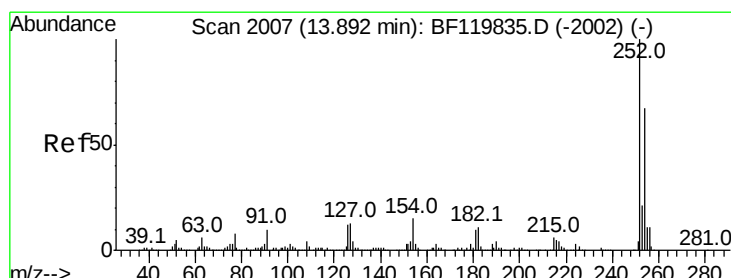
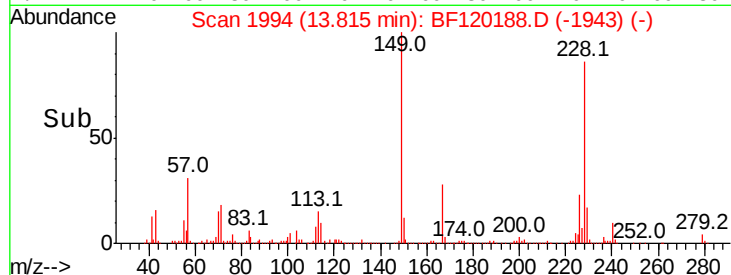
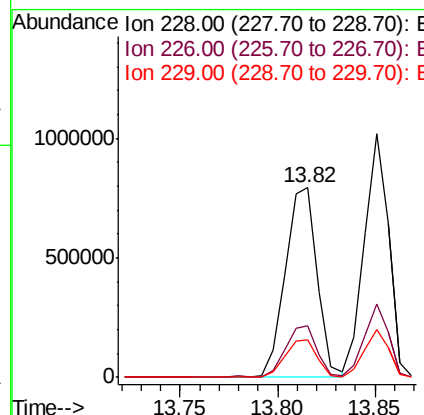
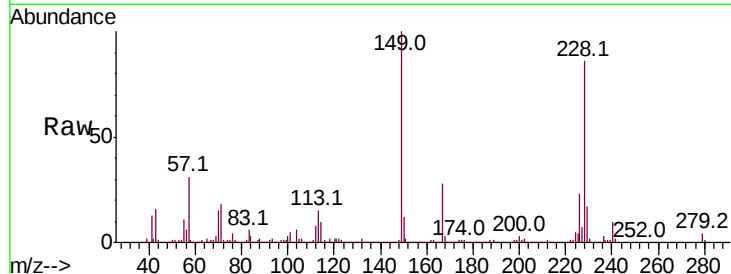
#81
Benzo(a)anthracene
Concen: 41.899 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.8
229	19.7	16.2	24.4

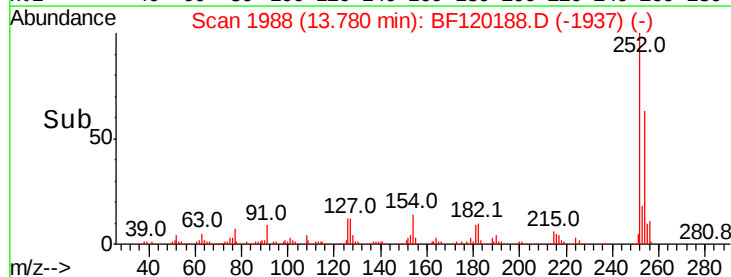
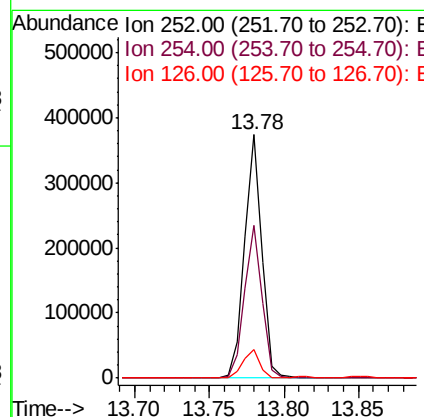
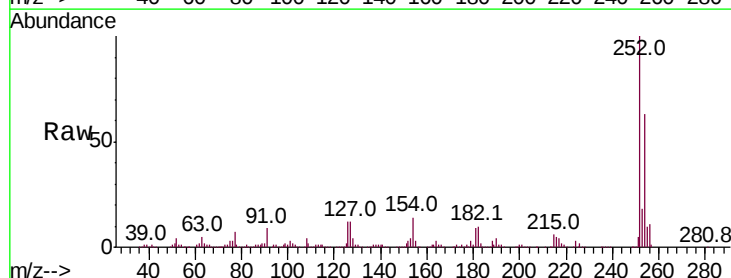
Manual Integrations
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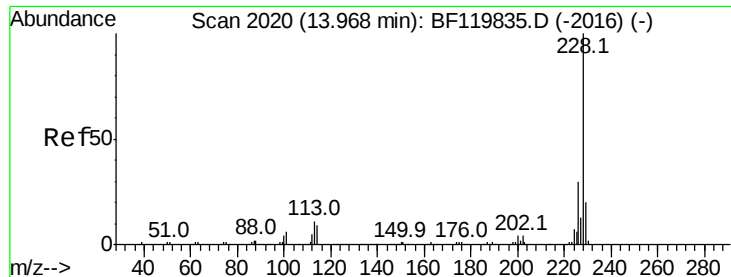
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 38.218 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.9	51.2	76.8
126	11.5	9.6	14.4





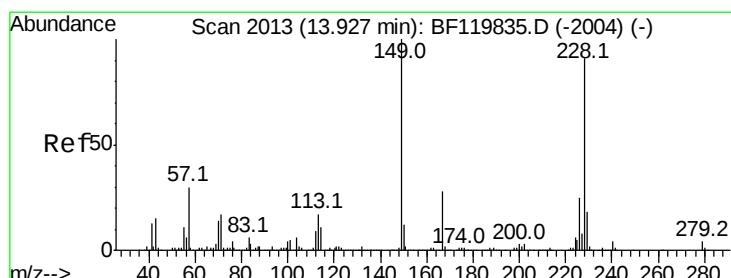
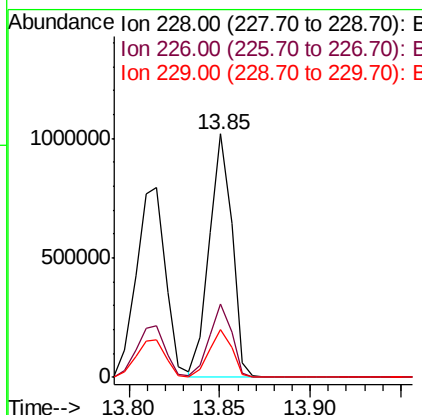
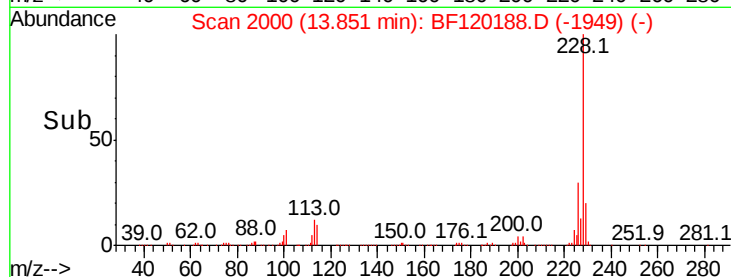
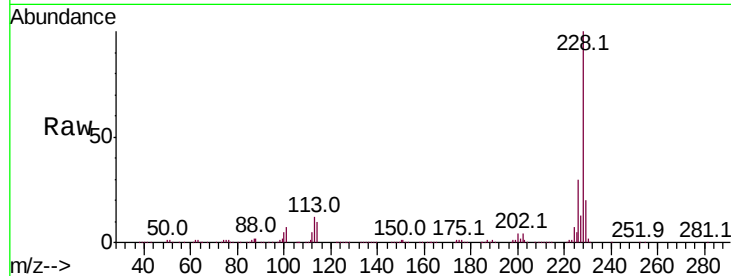
#83
Chrysene
Concen: 40.816 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
228	100	885855		
226	30.0		25.4	38.0
229	19.9		16.6	24.8

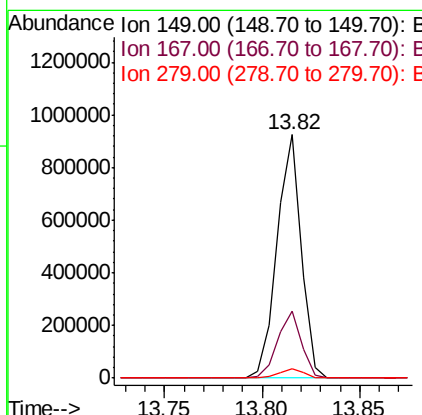
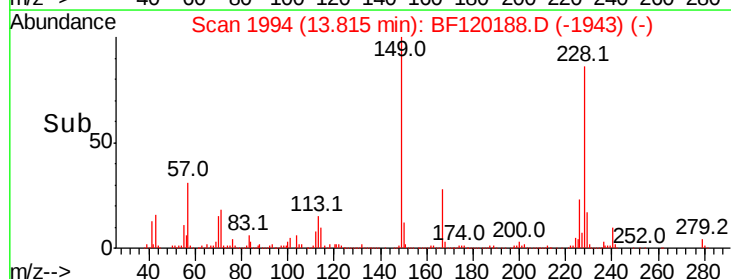
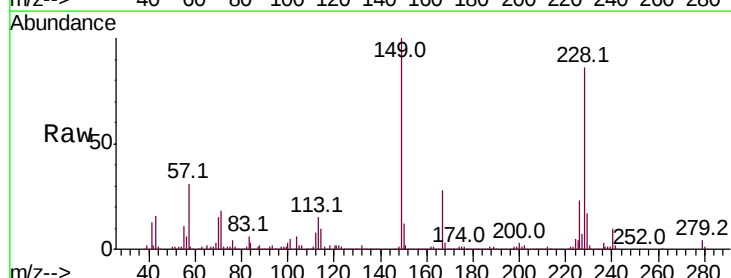
Manual Integrations
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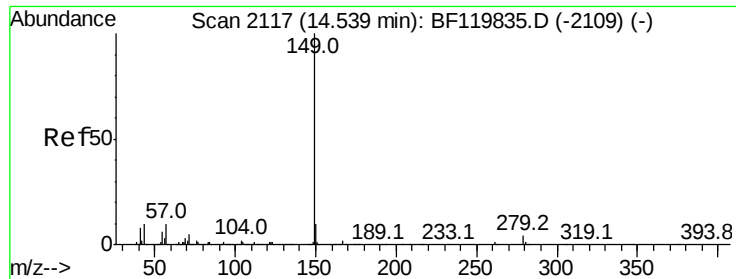
mohammad
4/27/2020 3:04:01 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.108 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	793334		
167	27.6		21.3	31.9
279	3.6		2.7	4.1





#85

Di-n-octyl phthalate

Concen: 42.846 ng

RT: 14.43 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

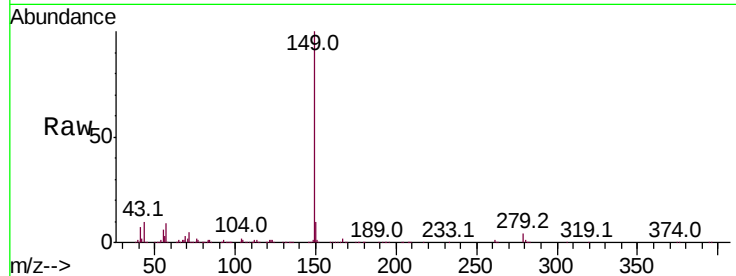
ClientSampleId :

SSTDCCC040

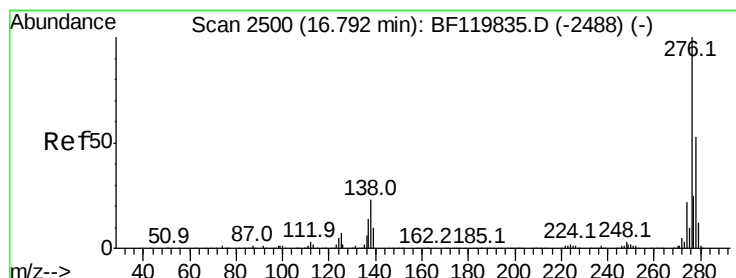
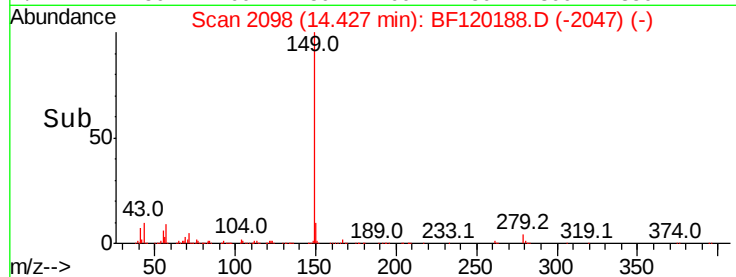
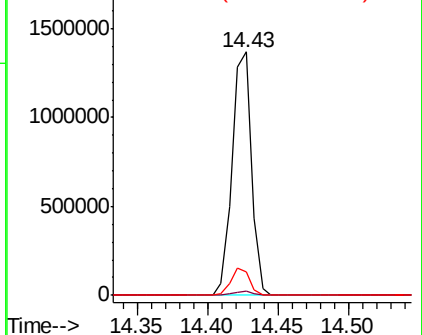
Tot Ion:	149	Resp:	1312127
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	10.9	9.3	13.9

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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: 34.090 ng

RT: 16.57 min Scan# 2463

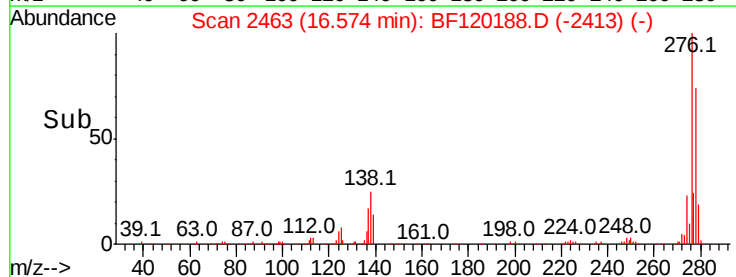
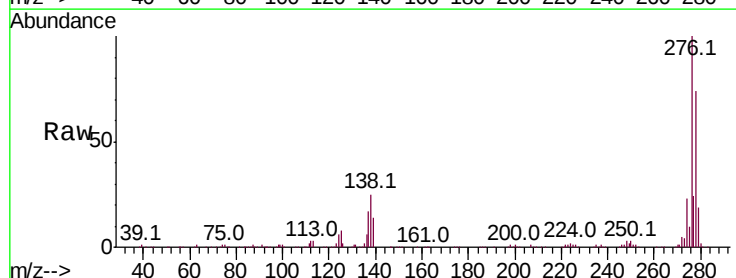
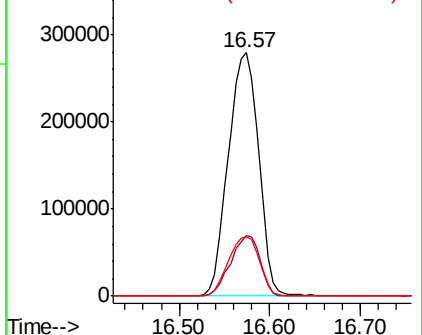
Delta R.T. -0.01 min

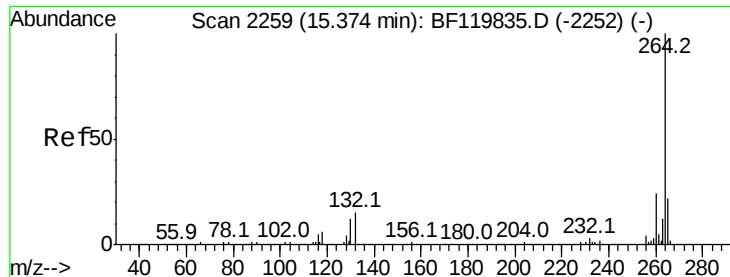
Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Tgt Ion:	276	Resp:	652187
Ion Ratio	Lower	Upper	
276	100		
138	24.3	19.6	29.4
277	25.0	20.0	30.0

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: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

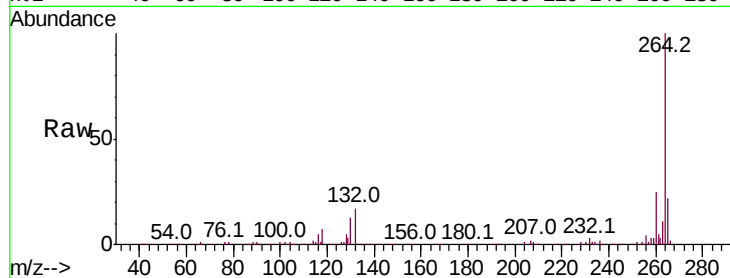
ClientSampleId :

SSTDCCC040

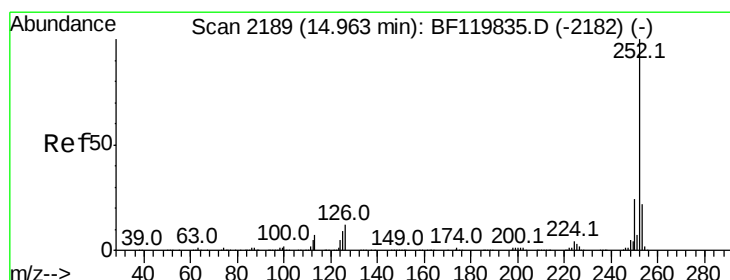
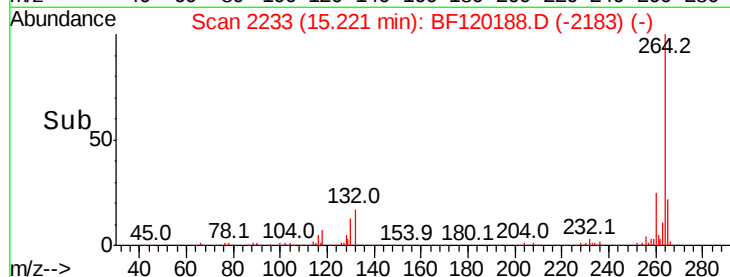
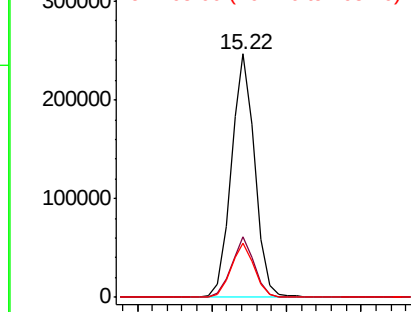
Tot Ion:	264	Resp:	272229
Ion Ratio	Lower	Upper	
264	100		
260	24.8	18.7	28.1
265	22.1	17.7	26.5

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



#88

Benzo(b)fluoranthene

Concen: 40.764 ng

RT: 14.83 min Scan# 2166

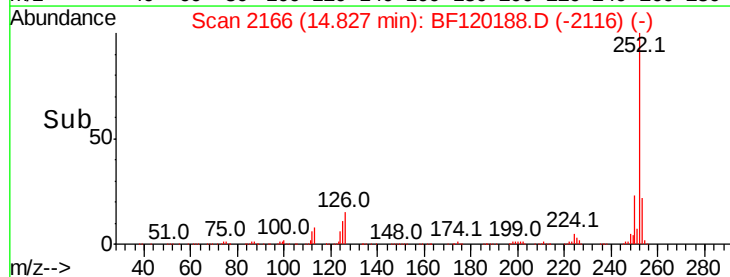
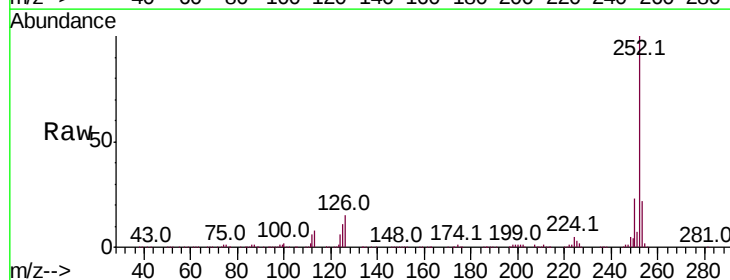
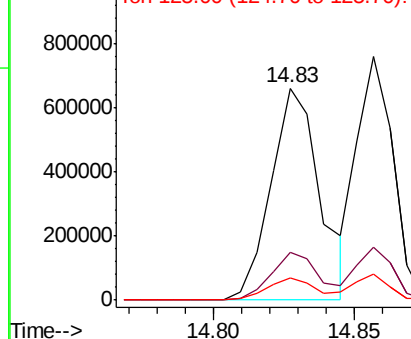
Delta R.T. -0.01 min

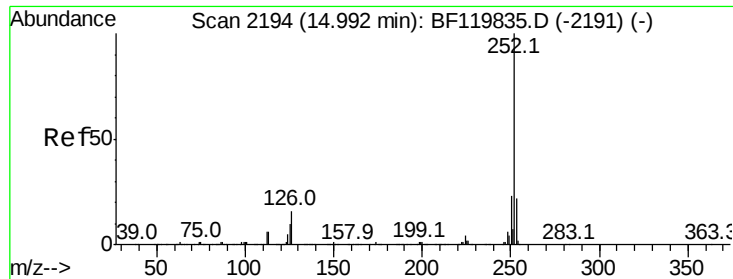
Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Tgt Ion:	252	Resp:	798305
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.4	26.0
125	10.6	7.9	11.9

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





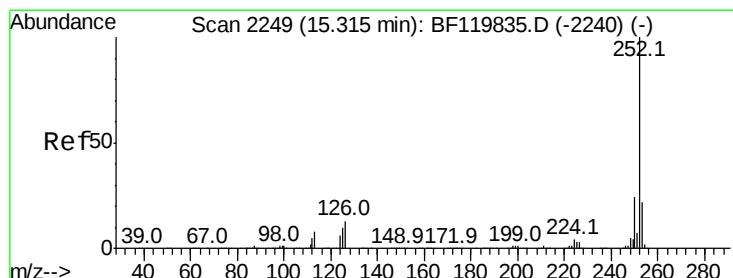
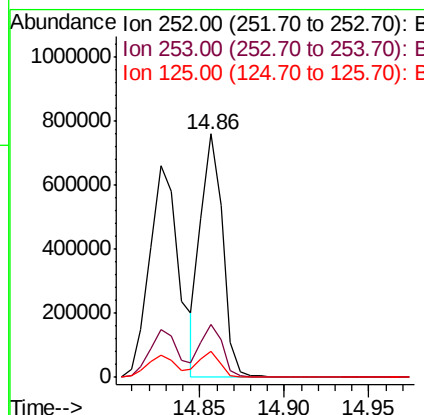
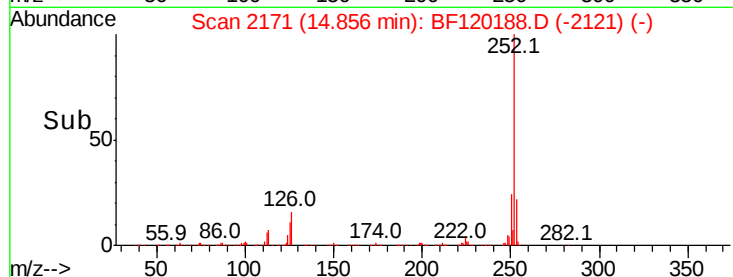
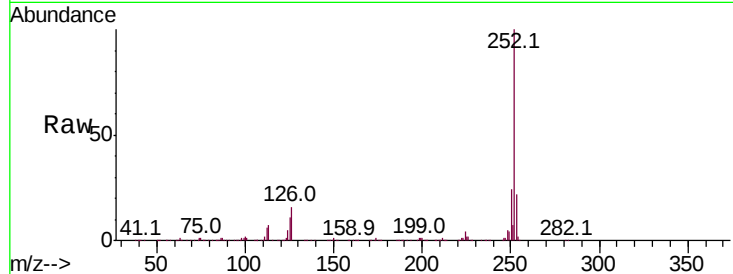
#89
Benzo(k)fluoranthene
Concen: 40.305 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	10.9	8.4	12.6

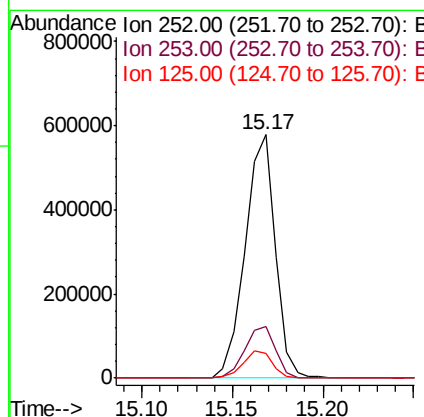
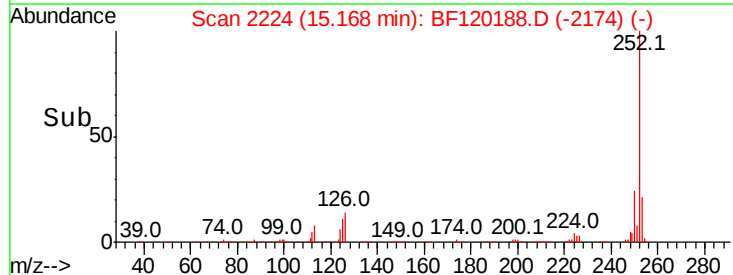
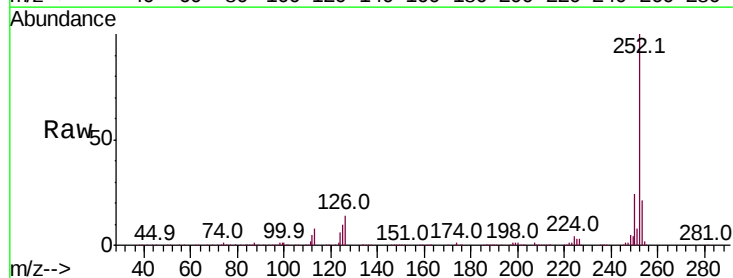
Manual Integrations
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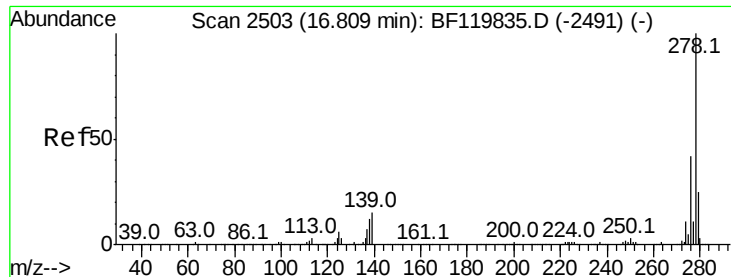
mohammad
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#90
Benzo(a)pyrene
Concen: 40.558 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.2	27.2
125	10.4	9.4	14.2





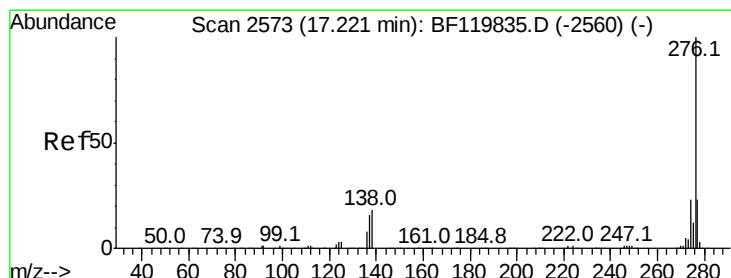
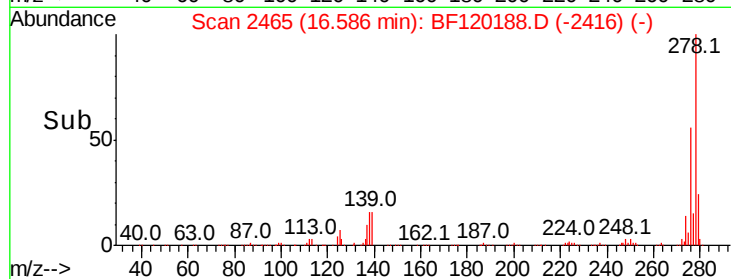
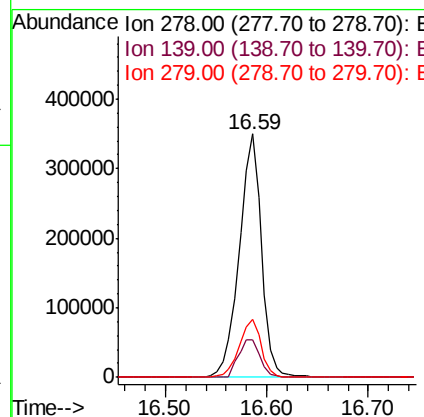
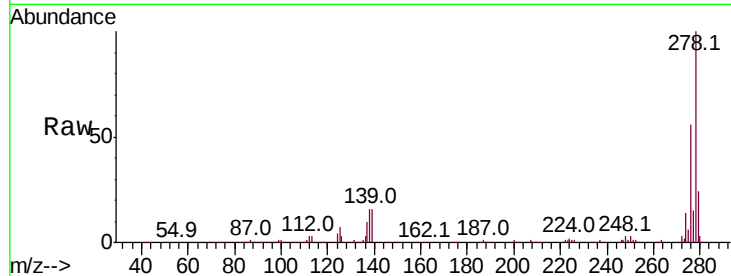
#91
Dibenzo(a,h)anthracene
Concen: 36.451 ng
RT: 16.59 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	278	Resp:	531654
Ion Ratio	Lower	Upper	
278	100		
139	15.5	12.6	19.0
279	23.8	19.0	28.6

Manual Integrations
APPROVED

mohammad
4/27/2020 3:04:01 PM



#92
Benzo(g,h,i)perylene
Concen: 37.167 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Tgt Ion:	276	Resp:	535101
Ion Ratio	Lower	Upper	
276	100		
277	23.4	18.4	27.6
138	19.9	15.4	23.0

