

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
 Data File : BF120268.D
 Acq On : 1 May 2020 19:50
 Operator : MA/SJ
 Sample : L2454-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-04302020MSD

Manual Integrations
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mohammad
 5/4/2020 3:45:22 PM

Quant Time: May 12 08:22:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 08:15:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	136469	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	432072	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	195980	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	329421	20.00	ng	0.00
76) Chrysene-d12	13.82	240	224957	20.00	ng	0.00
87) Perylene-d12	15.22	264	256041	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1002784	126.99	ng	0.00
7) Phenol-d6	6.32	99	1230419	120.92	ng	0.00
23) Nitrobenzene-d5	7.23	82	767921	91.95	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	242354	101.00	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	1245727	90.25	ng	0.00
79) Terphenyl-d14	12.77	244	1082330	80.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	110142	31.315	ng	97
3) Pyridine	2.94	79	316035	32.750	ng	92
4) n-Nitrosodimethylamine	2.90	42	210752	42.745	ng	96
6) Aniline	6.32	93	602201	45.091	ng	# 80
8) 2-Chlorophenol	6.45	128	468417	53.089	ng	97
9) Benzaldehyde	6.20	77	334549	59.533	ng	98
10) Phenol	6.33	94	605705	52.470	ng	97
11) bis(2-Chloroethyl)ether	6.39	93	447461	50.202	ng	98
12) 1,3-Dichlorobenzene	6.59	146	470811	48.740	ng	97
13) 1,4-Dichlorobenzene	6.67	146	482761	49.062	ng	98
14) 1,2-Dichlorobenzene	6.82	146	451851	49.828	ng	99
15) Benzyl Alcohol	6.81	79	384242	48.619	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	714330	41.185	ng	66
17) 2-Methylphenol	6.93	107	363859	46.211	ng	# 91
18) Hexachloroethane	7.16	117	172326	46.861	ng	97
19) n-Nitroso-di-n-propylamine	7.08	70	317099	48.462	ng	97
20) 3+4-Methylphenols	7.09	107	471900	49.003	ng	# 81
22) Acetophenone	7.07	105	637202	62.979	ng	# 97
24) Nitrobenzene	7.25	77	465154	55.364	ng	96
25) Isophorone	7.49	82	861389	53.503	ng	100
26) 2-Nitrophenol	7.56	139	243847	58.094	ng	97
27) 2,4-Dimethylphenol	7.61	122	388552	61.377	ng	96
28) bis(2-Chloroethoxy)methane	7.70	93	528142	55.747	ng	99
29) 2,4-Dichlorophenol	7.81	162	322076	49.634	ng	98
30) 1,2,4-Trichlorobenzene	7.88	180	351619	47.823	ng	99
31) Naphthalene	7.96	128	1098461	48.321	ng	98
32) Benzoic acid	7.76	122	245132	44.090	ng	99
33) 4-Chloroaniline	8.02	127	213503	21.574	ng	99
34) Hexachlorobutadiene	8.08	225	201282	45.732	ng	98
35) Caprolactam	8.40	113	94159m	47.436	ng	
36) 4-Chloro-3-methylphenol	8.52	107	377538	53.739	ng	99
37) 2-Methylnaphthalene	8.65	142	720046	46.720	ng	98
38) 1-Methylnaphthalene	8.75	142	696471	47.945	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	321383	51.921	ng	98

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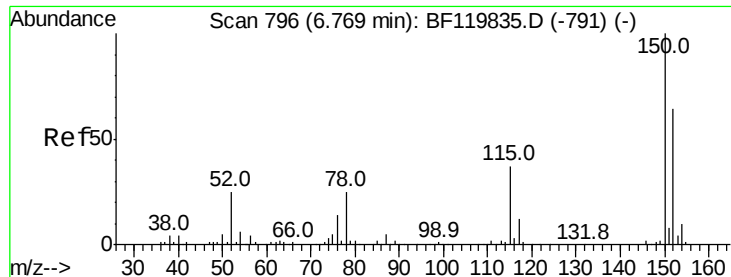
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Quant Time: May 12 08:22:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	189472	53.830	nq	98
43) 2,4,6-Trichlorophenol	8.94	196	211671	49.521	nq	100
44) 2,4,5-Trichlorophenol	8.99	196	223283	46.380	nq	98
46) 1,1'-Biphenyl	9.12	154	876445	52.984	nq	97
47) 2-Chloronaphthalene	9.14	162	654249	51.342	nq	99
48) 2-Nitroaniline	9.25	65	218110	47.232	nq	96
49) Acenaphthylene	9.56	152	1012504	52.246	nq	98
50) Dimethylphthalate	9.43	163	1009064	66.566	nq	100
51) 2,6-Dinitrotoluene	9.49	165	164208	49.467	nq	98
52) Acenaphthene	9.73	154	587484	45.445	nq	99
53) 3-Nitroaniline	9.66	138	106480	28.086	nq	98
54) 2,4-Dinitrophenol	9.77	184	95826	48.217	nq	94
55) Dibenzofuran	9.90	168	891781	50.270	nq	100
56) 4-Nitrophenol	9.85	139	227248	80.560	nq	99
57) 2,4-Dinitrotoluene	9.90	165	207001	47.331	nq	# 90
58) Fluorene	10.25	166	671238	47.313	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.03	232	167656	45.534	nq	98
60) Diethylphthalate	10.13	149	776312	49.412	nq	99
61) 4-Chlorophenyl-phenylether	10.24	204	345766	47.551	nq	94
62) 4-Nitroaniline	10.27	138	147415	40.801	nq	98
63) Azobenzene	10.40	77	697060	49.507	nq	98
65) 4,6-Dinitro-2-methylphenol	10.30	198	75237	34.667	nq	78
66) n-Nitrosodiphenylamine	10.36	169	626125	57.151	nq	99
67) 4-Bromophenyl-phenylether	10.73	248	198712	48.505	nq	95
68) Hexachlorobenzene	10.79	284	202287	48.674	nq	93
69) Atrazine	10.89	200	166201	54.525	nq	99
70) Pentachlorophenol	10.99	266	162852	67.998	nq	98
71) Phenanthrene	11.20	178	892211	50.890	nq	98
72) Anthracene	11.26	178	1013980	56.615	nq	97
73) Carbazole	11.42	167	964151	56.925	nq	98
74) Di-n-butylphthalate	11.75	149	1169983	52.547	nq	99
75) Fluoranthene	12.39	202	897959	47.469	nq	97
77) Benzidine	12.52	184	636838	83.748	nq	98
78) Pyrene	12.62	202	906436	47.797	nq	97
80) Butylbenzylphthalate	13.24	149	431194	46.858	nq	99
81) Benzo(a)anthracene	13.81	228	780105	52.713	nq	100
82) 3,3'-Dichlorobenzidine	13.77	252	277316	50.221	nq	99
83) Chrysene	13.85	228	832491	55.362	nq	97
84) Bis(2-ethylhexyl)phthalate	13.81	149	588020	47.187	nq	98
85) Di-n-octyl phthalate	14.42	149	1017890	47.973	nq	98
86) Indeno(1,2,3-cd)pyrene	16.59	276	919215	69.348	nq	99
88) Benzo(b)fluoranthene	14.83	252	851490	46.229	nq	99
89) Benzo(k)fluoranthene	14.86	252	734104	46.193	nq	99
90) Benzo(a)pyrene	15.17	252	751645	48.535	nq	98
91) Dibenzo(a,h)anthracene	16.60	278	765054	55.770	nq	99
92) Benzo(g,h,i)perylene	16.99	276	739322	54.599	nq	97

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



#1

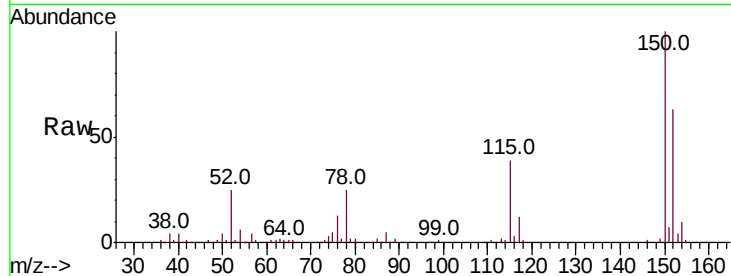
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Instrument :
BNA_F
ClientSampleId :
NB-04302020MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.5	186.7
115	61.4	49.6	74.4

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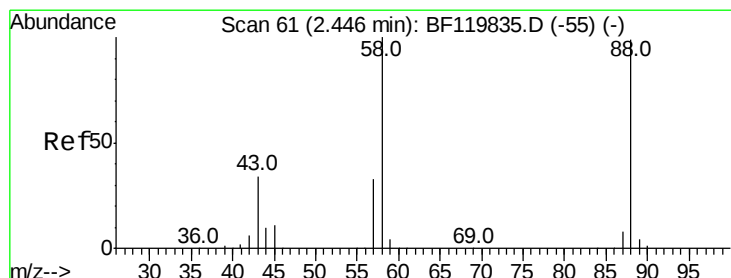
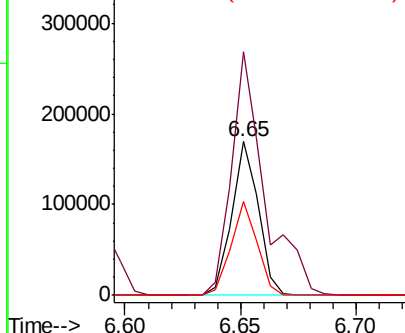
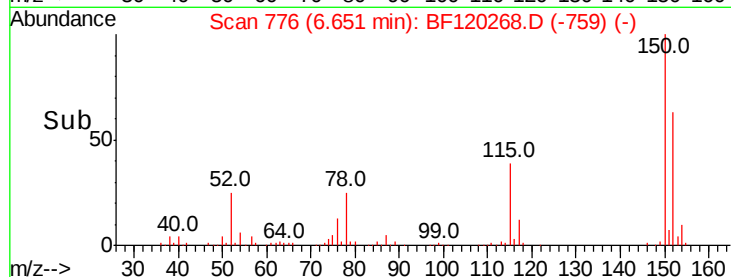


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

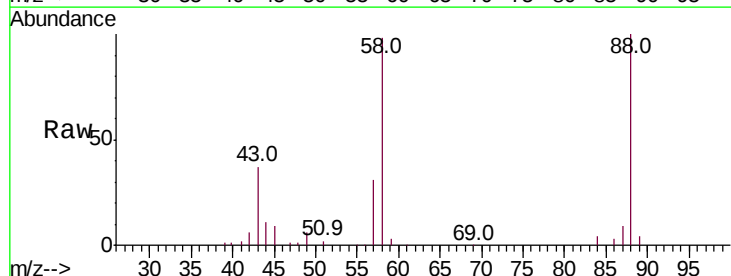
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.315 ng
RT: 2.26 min Scan# 29
Delta R.T. 0.02 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.9	80.6	121.0
43	35.6	27.5	41.3

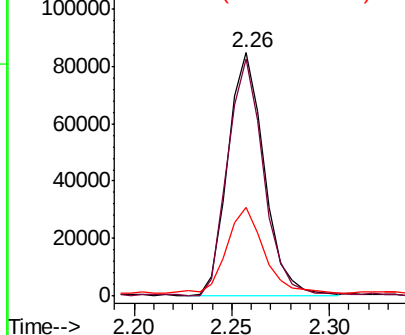
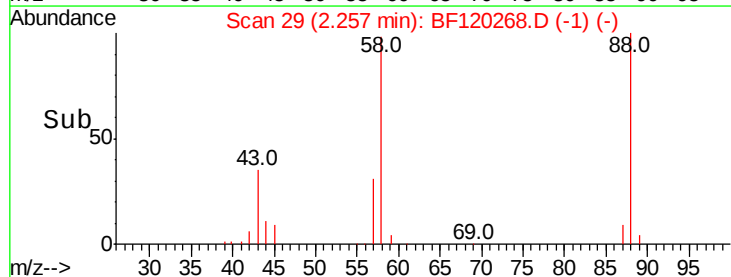


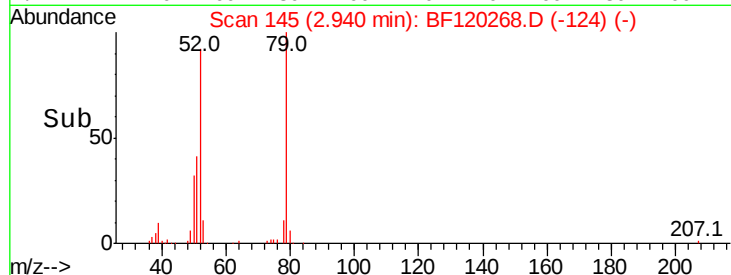
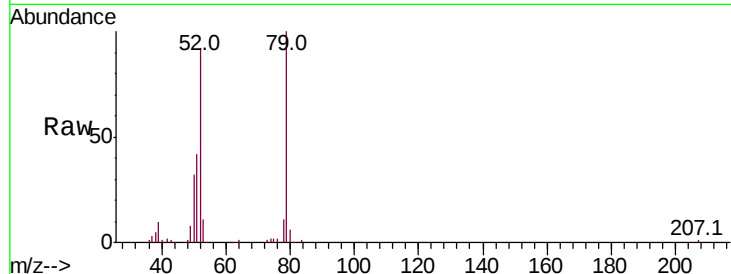
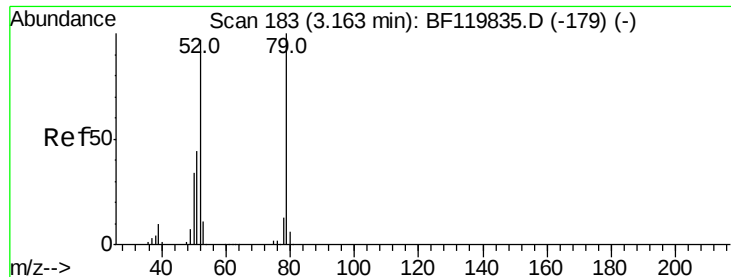
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





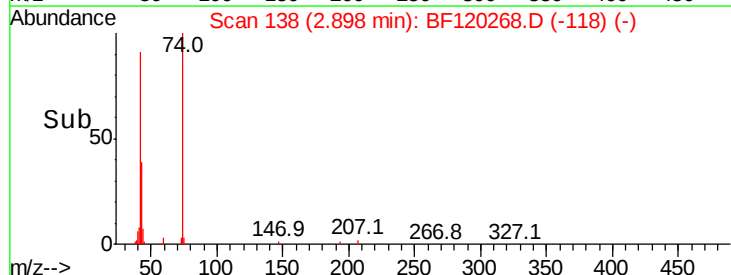
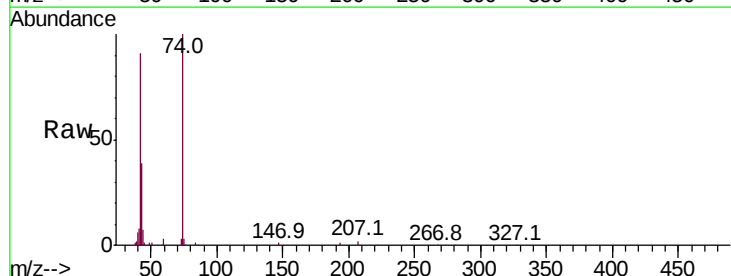
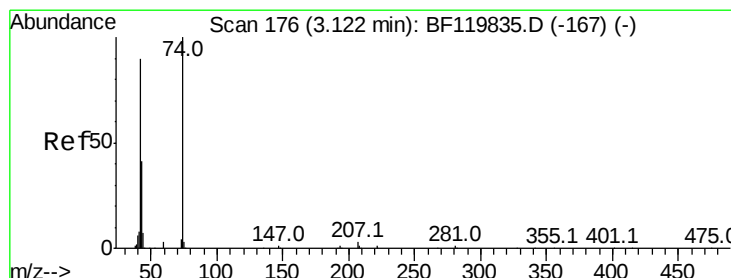
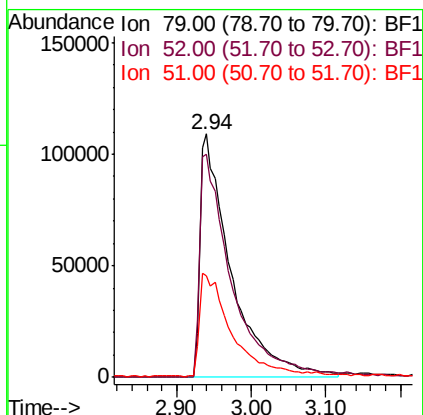
#3
Pvridine
Concen: 32.750 ng
RT: 2.94 min Scan# 145
Delta R.T. 0.02 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Tot Ion	Ratio	Lower	Upper
79	100		
52	91.9	80.2	120.2
51	41.9	37.7	56.5

Instrument :
BNA_F
ClientSampleId :
NB-04302020MSD

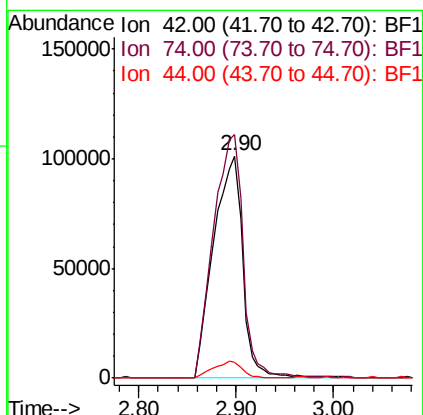
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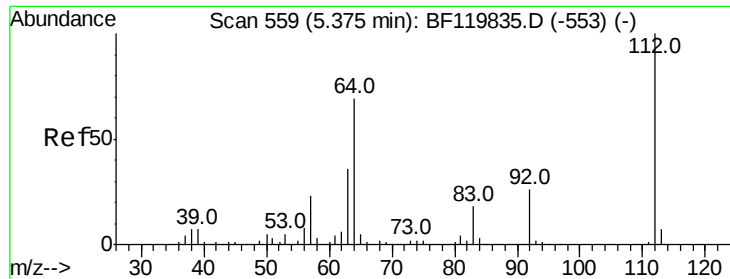
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#4
n-Nitrosodimethylamine
Concen: 42.745 ng
RT: 2.90 min Scan# 138
Delta R.T. 0.02 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Tgt Ion	Ratio	Lower	Upper
42	100		
74	109.5	91.5	137.3
44	7.3	6.2	9.4





#5

2-Fluorophenol

Concen: 126.988 ng

RT: 5.27 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF120268.D

Acq: 1 May 2020 19:50

Instrument :

BNA_F

ClientSampleId :

NB-04302020MSD

Tot Ion: 112 Resp: 1002784

Ion Ratio Lower Upper

112 100

64 67.8 56.7 85.1

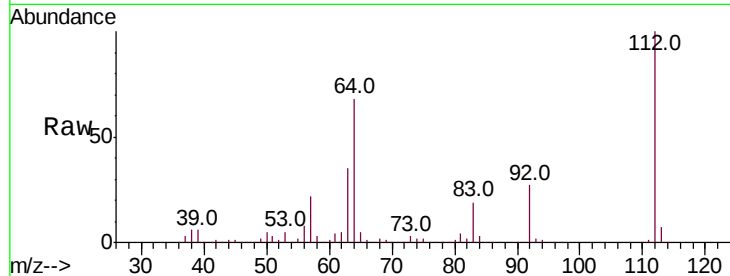
63 34.7 29.5 44.3

Manual Integrations

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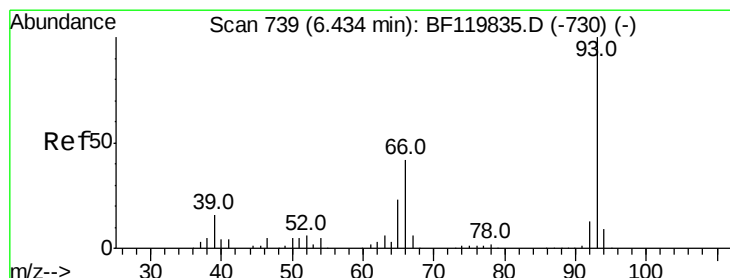
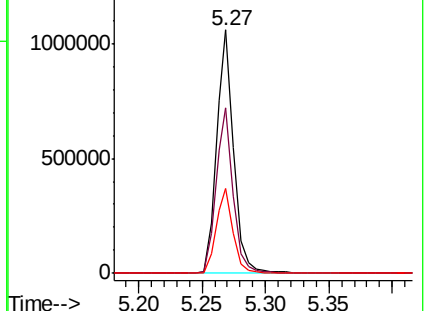
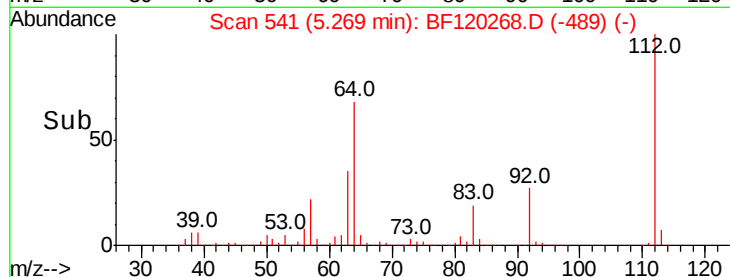
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 45.091 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF120268.D

Acq: 1 May 2020 19:50

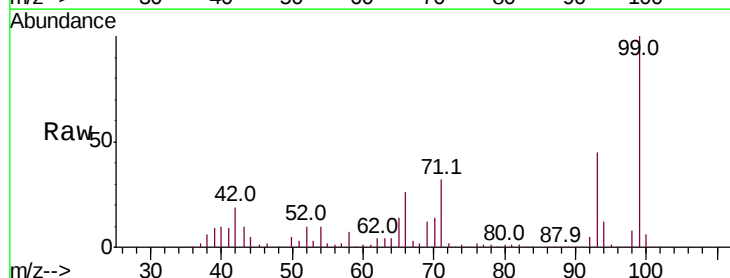
Tgt Ion: 93 Resp: 602201

Ion Ratio Lower Upper

93 100

66 58.1 34.9 52.3#

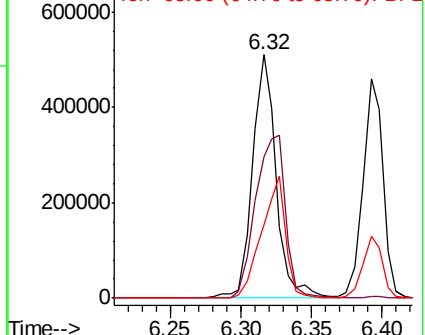
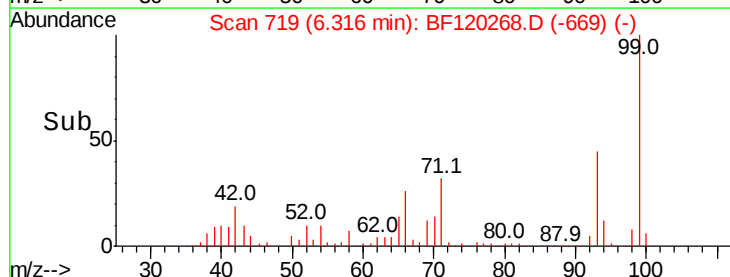
65 30.0 18.6 27.8#

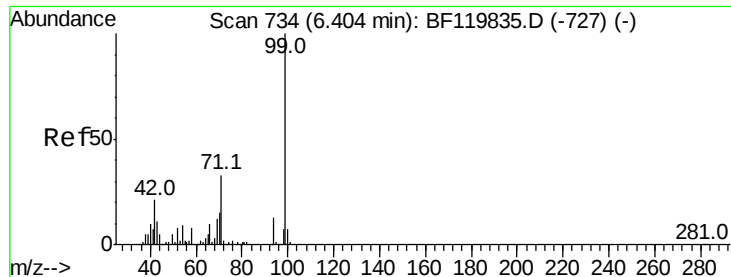


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.923 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF120268.D

Acq: 1 May 2020 19:50

Instrument :

BNA_F

ClientSampleId :

NB-04302020MSD

Tot Ion: 99 Resp: 1230419

Ion Ratio Lower Upper

99 100

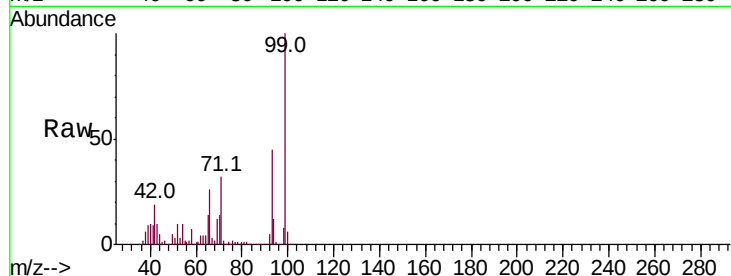
42 19.2 16.6 24.8

71 32.0 26.4 39.6

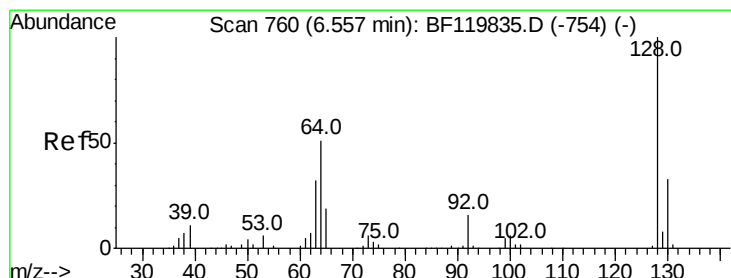
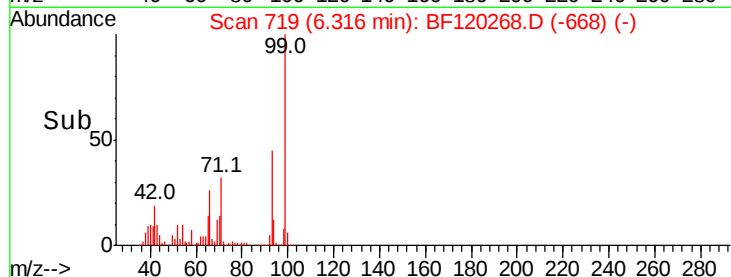
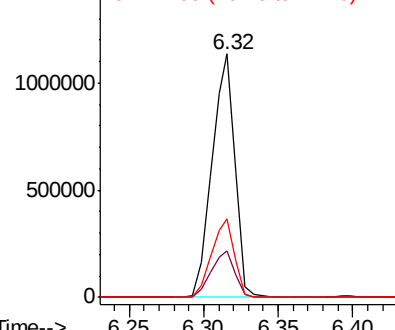
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 53.089 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120268.D

Acq: 1 May 2020 19:50

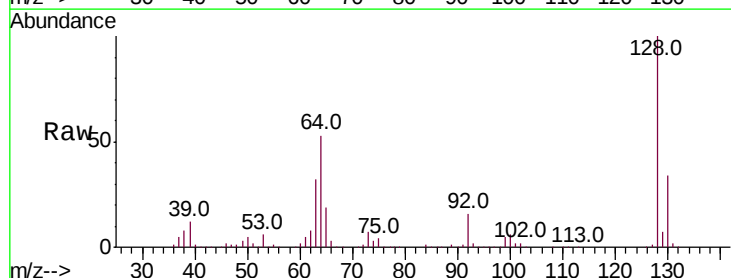
Tgt Ion:128 Resp: 468417

Ion Ratio Lower Upper

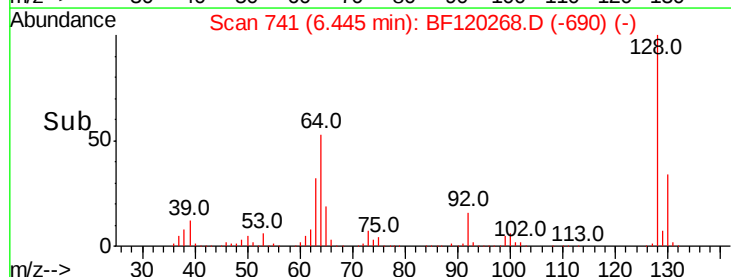
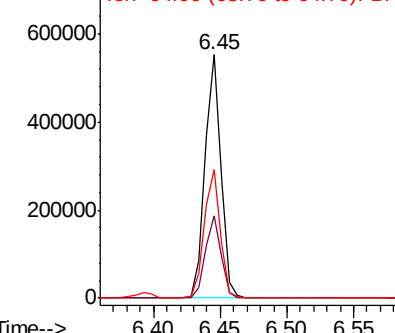
128 100

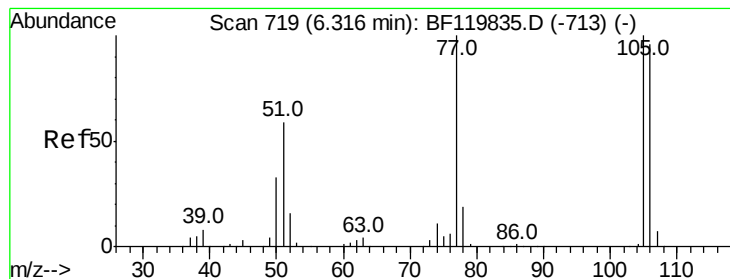
130 33.6 12.6 52.6

64 52.7 35.3 75.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 59.533 ng

RT: 6.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF120268.D

Acq: 1 May 2020 19:50

Instrument :

BNA_F

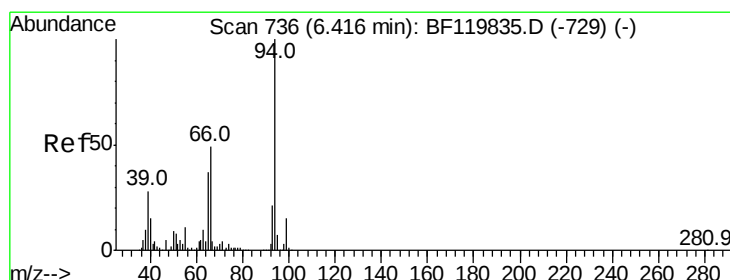
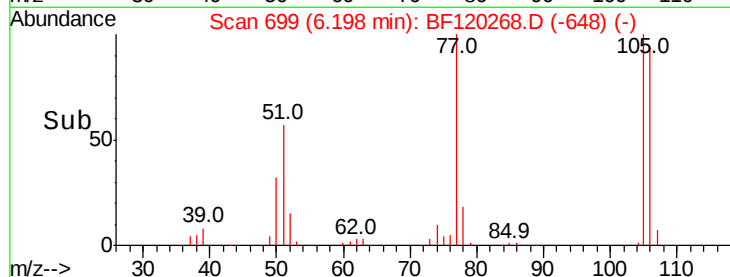
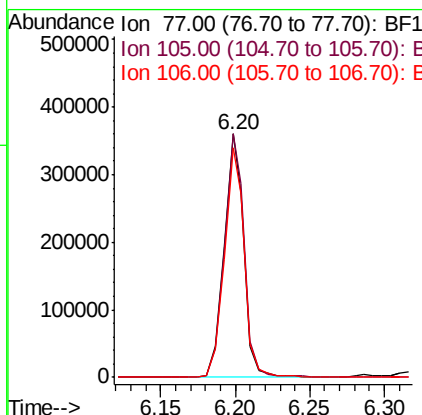
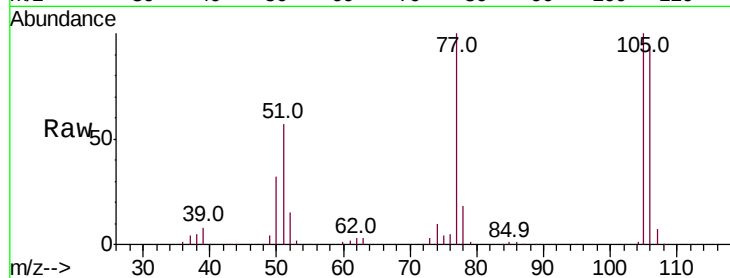
ClientSampleId :

NB-04302020MSD

Tot Ion	77	105	106
Ratio	100	100.1	94.2
Lower		80.9	77.9
Upper		120.9	117.9

Manual Integrations
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#10

Phenol

Concen: 52.470 ng

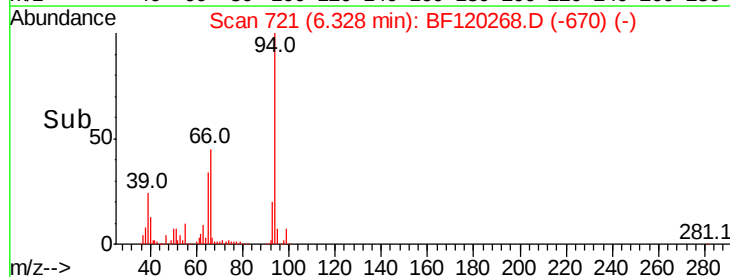
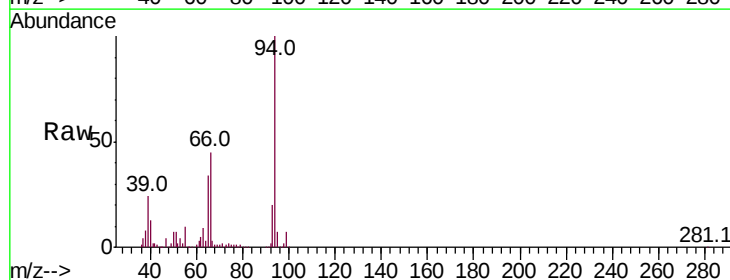
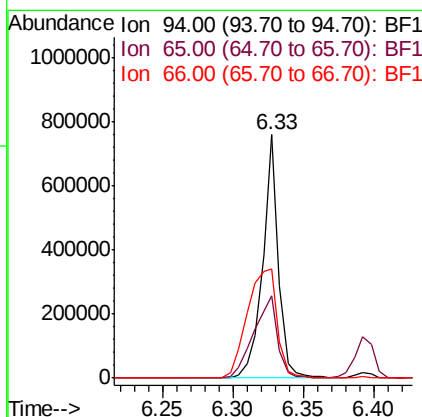
RT: 6.33 min Scan# 721

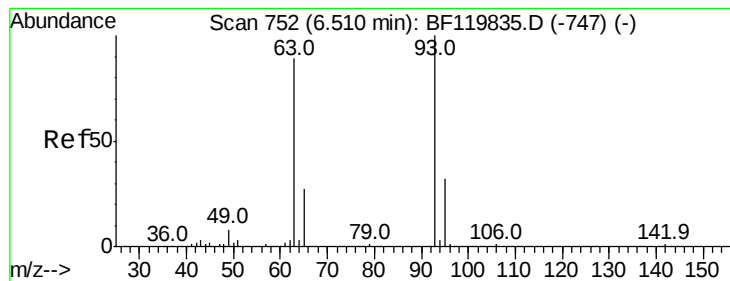
Delta R.T. 0.00 min

Lab File: BF120268.D

Acq: 1 May 2020 19:50

Tgt Ion	94	65	66
Ratio	100	33.7	45.0
Lower		13.2	22.3
Upper		53.2	62.3





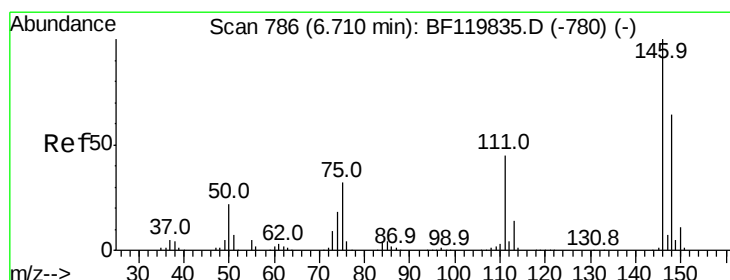
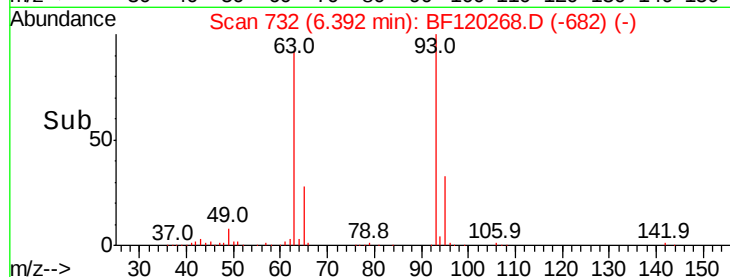
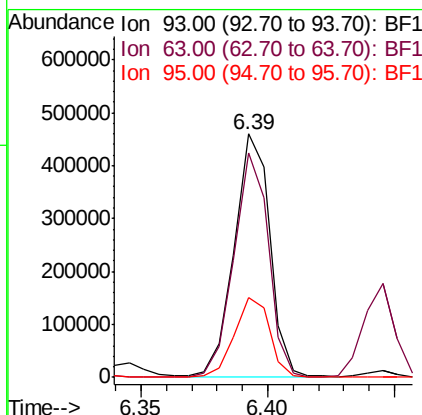
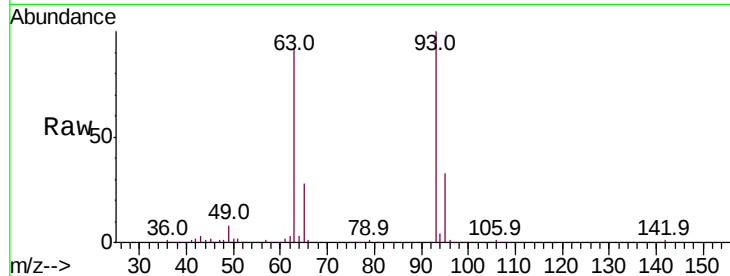
#11
bis(2-Chloroethyl)ether
Concen: 50.202 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Instrument :
BNA_F
ClientSampleId :
NB-04302020MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	91.9	70.2	110.2
95	32.8	13.4	53.4

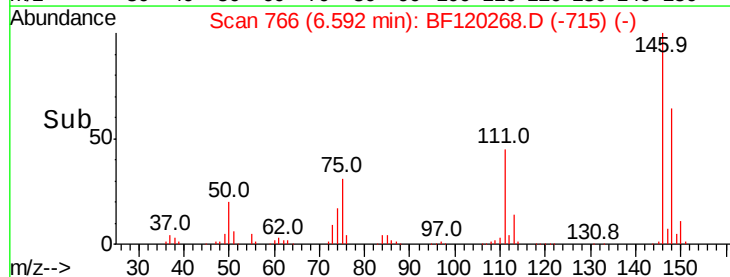
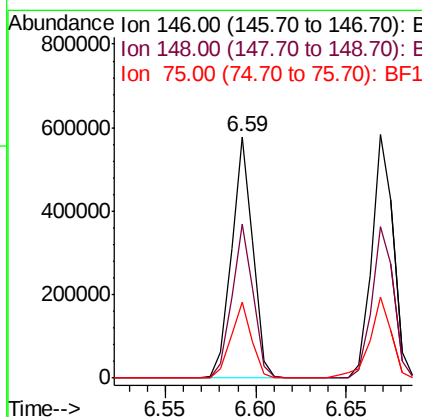
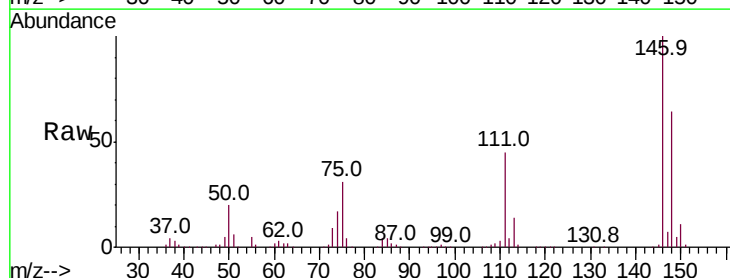
Manual Integrations
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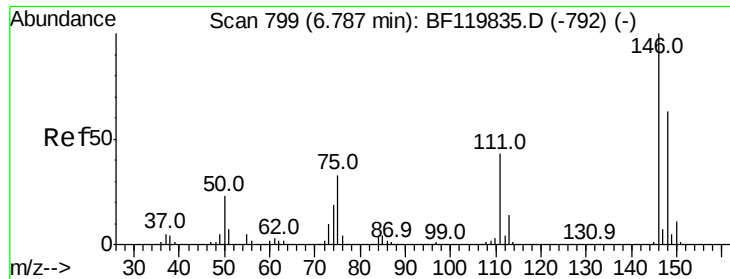
mohammad
5/4/2020 3:45:22 PM



#12
1,3-Dichlorobenzene
Concen: 48.740 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.2	78.4
75	31.5	23.0	34.4





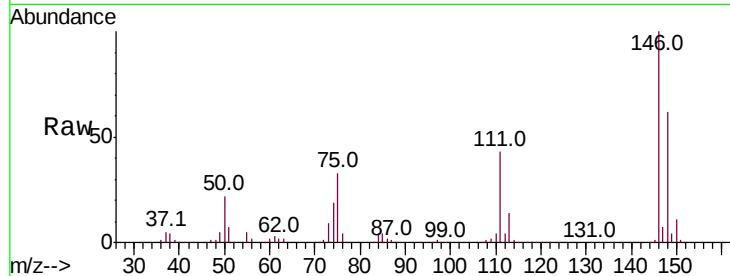
#13
1,4-Dichlorobenzene
Concen: 49.062 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Instrument :
BNA_F
ClientSampleId :
NB-04302020MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.5	77.3
111	42.5	33.3	49.9

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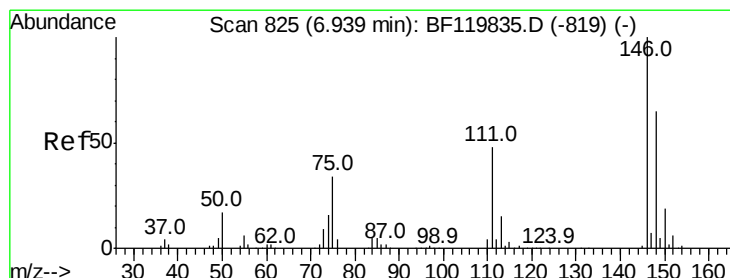
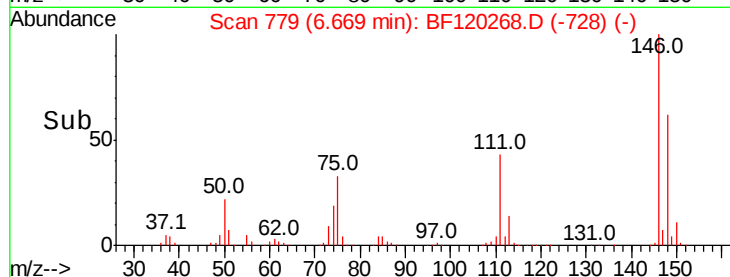
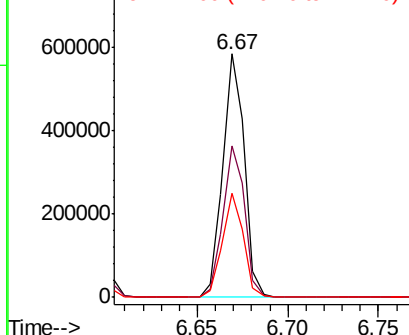


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 49.828 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

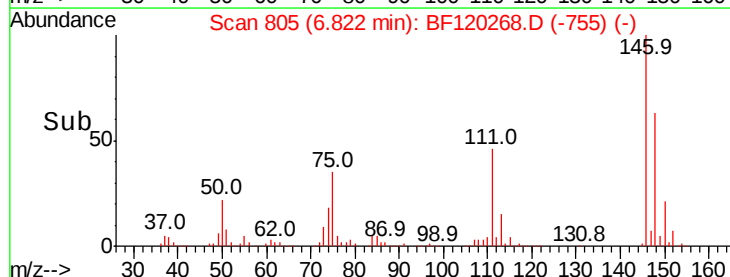
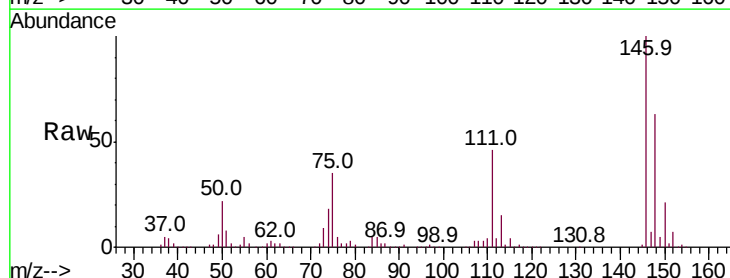
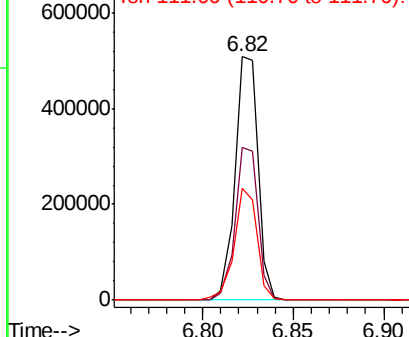
Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.6	75.8
111	46.0	36.1	54.1

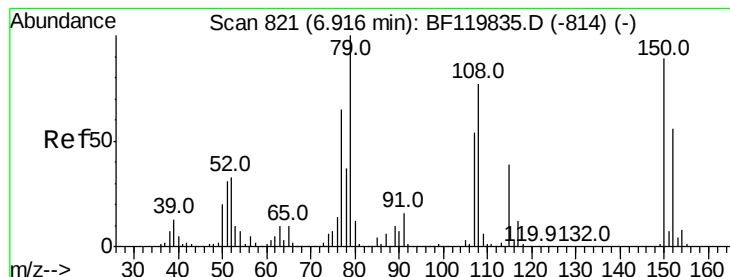
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





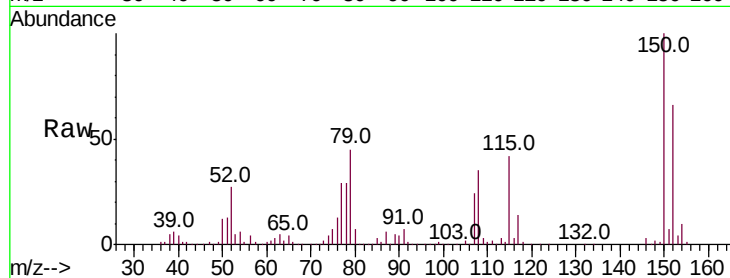
#15
Benzyl Alcohol
Concen: 48.619 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Instrument :
BNA_F
ClientSampleId :
NB-04302020MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.6	60.6	90.8
77	63.0	50.2	75.2

Manual Integrations
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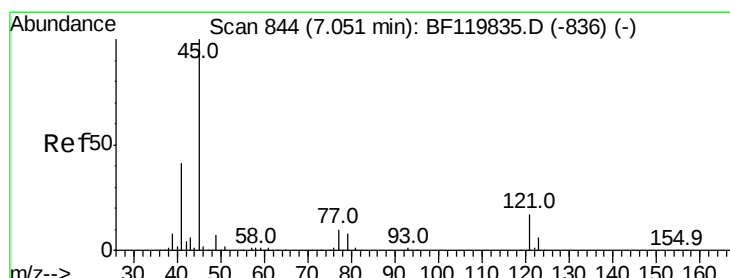
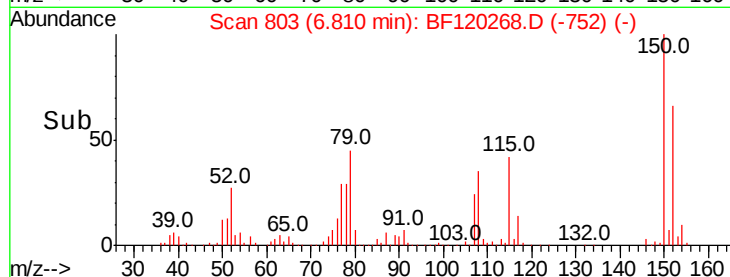
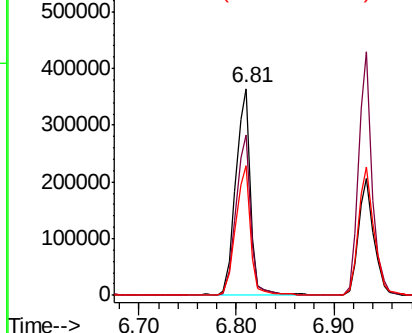


Abundance

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: 41.185 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

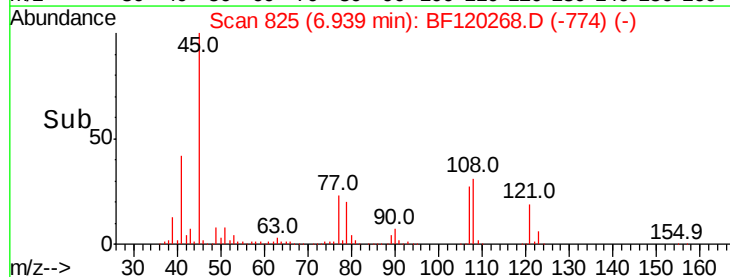
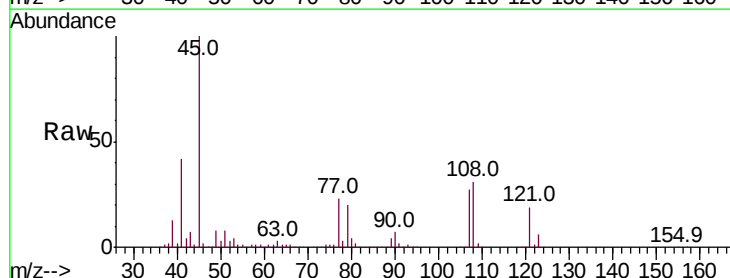
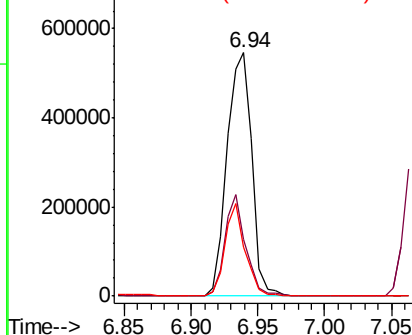
Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.4	0.0	30.7
79	20.2	0.0	28.2

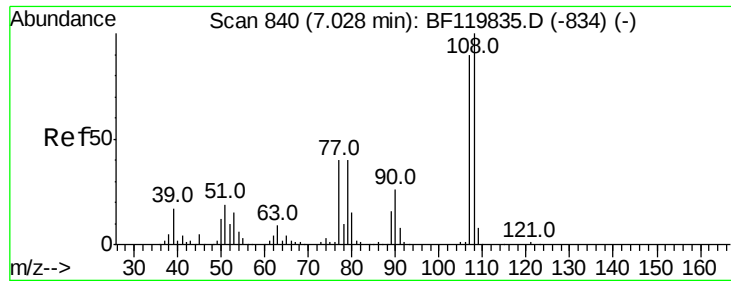
Abundance

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





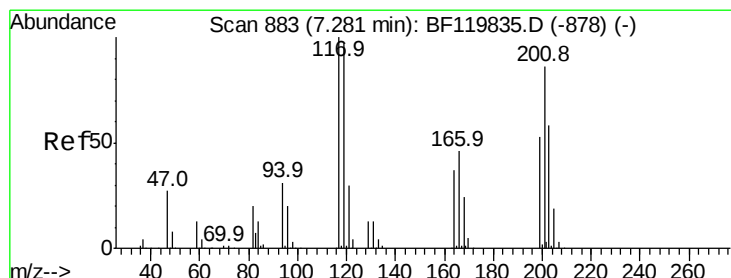
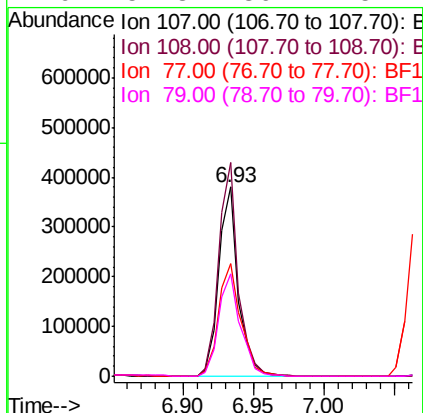
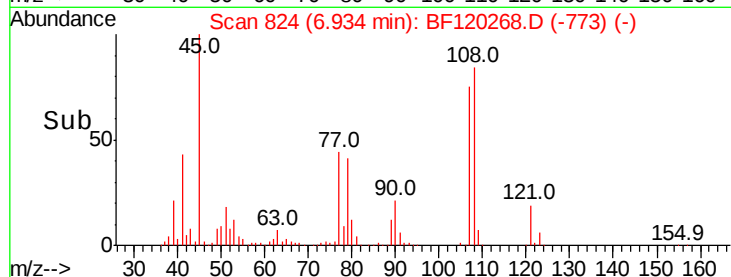
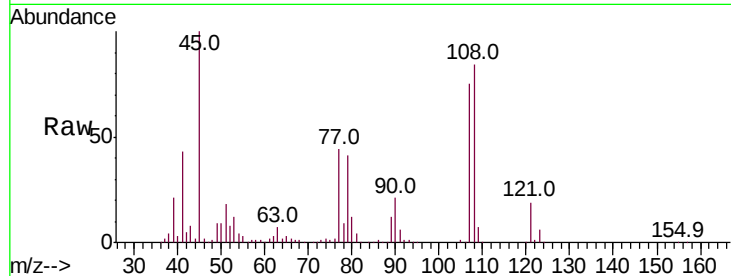
#17
2-Methylphenol
Concen: 46.211 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Instrument :
BNA_F
ClientSampleId :
NB-04302020MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.8	92.2	138.4	
77	59.5	36.6	54.8	
79	54.3	36.2	54.4	

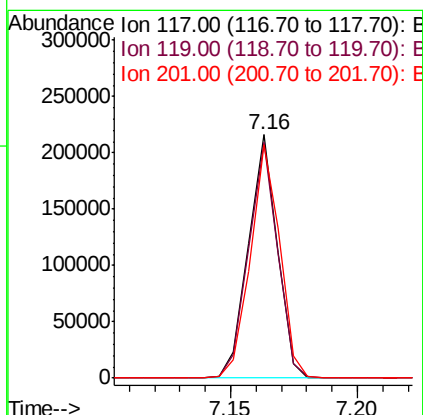
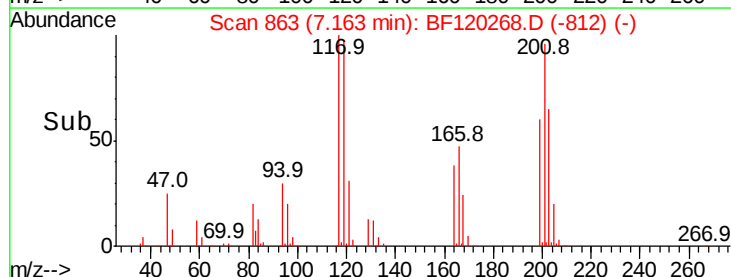
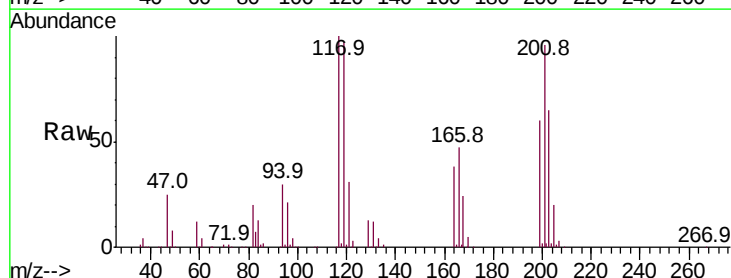
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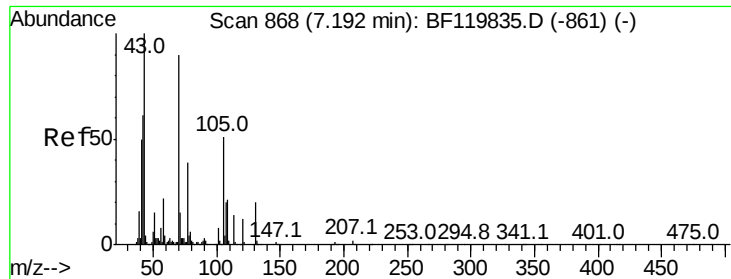
mohammad
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#18
Hexachloroethane
Concen: 46.861 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	76.1	114.1	
201	95.7	73.0	109.6	





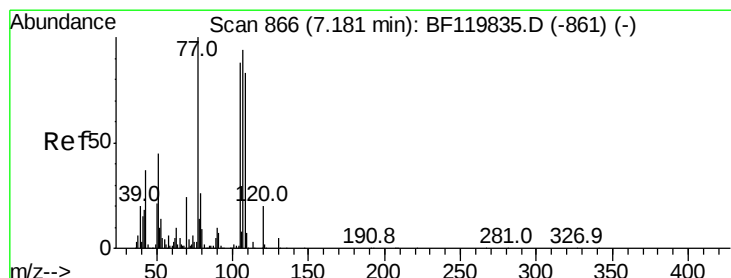
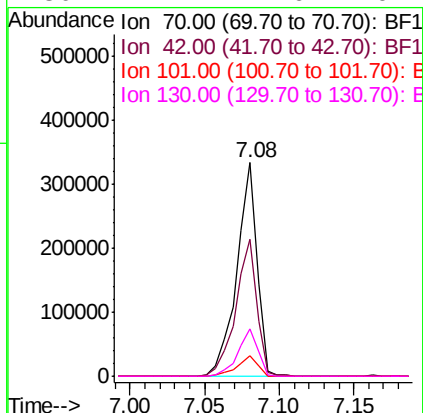
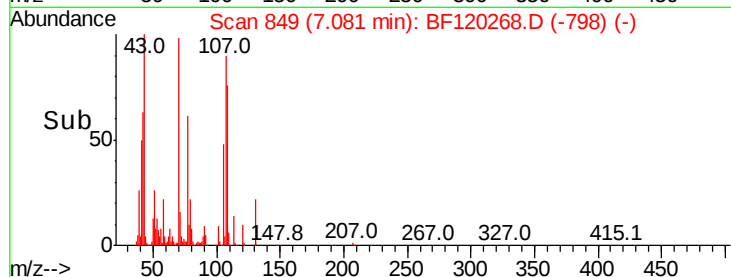
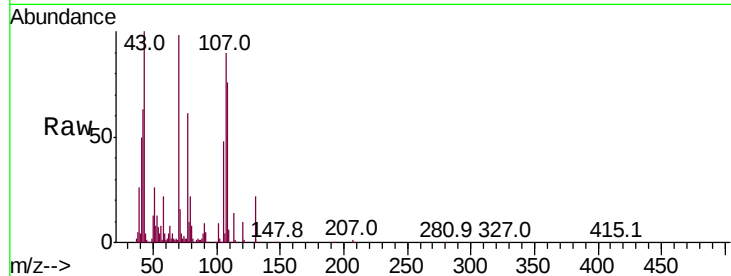
#19
n-Nitroso-di-n-propylamine
Concen: 48.462 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Instrument :
BNA_F
ClientSampleId :
NB-04302020MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.4	54.5	81.7
101	9.4	7.6	11.4
130	22.2	17.6	26.4

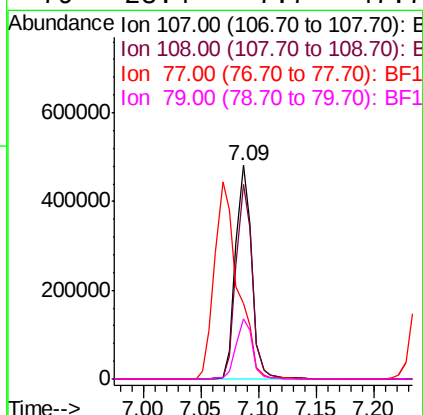
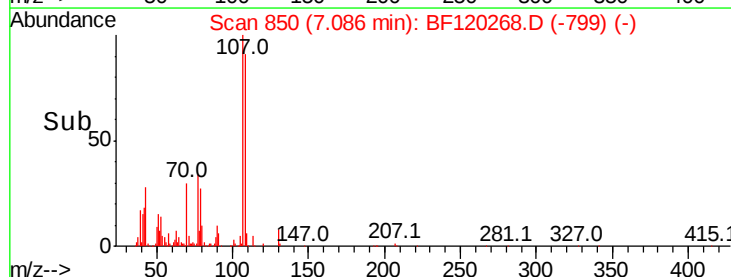
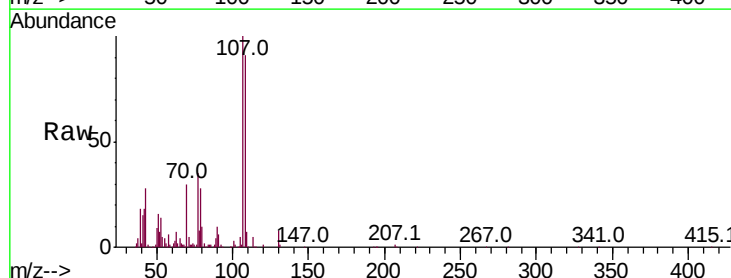
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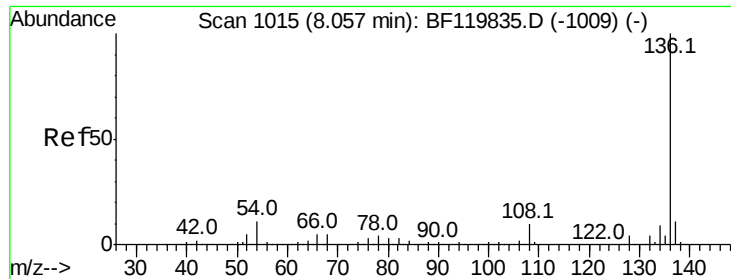
mohammad
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#20
3+4-Methylphenols
Concen: 49.003 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.2	67.9	107.9
77	35.2	52.9	92.9#
79	28.4	7.7	47.7





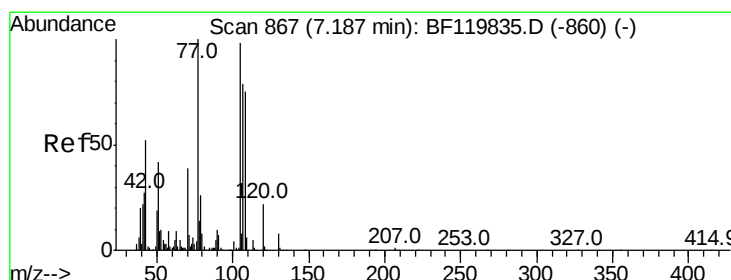
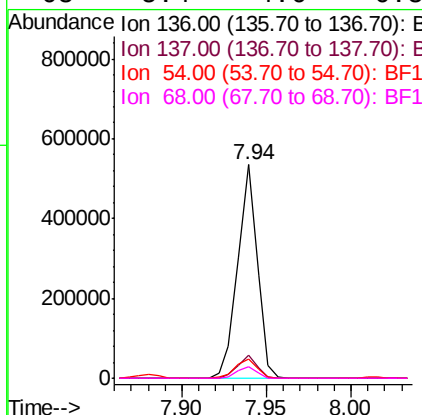
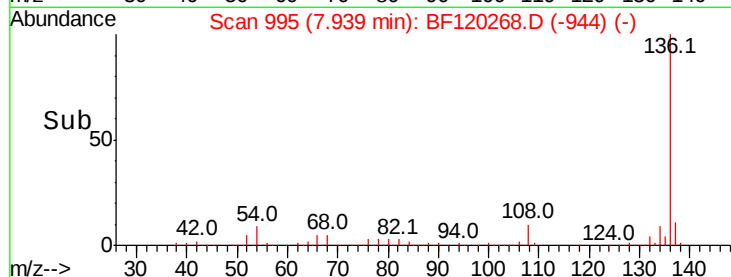
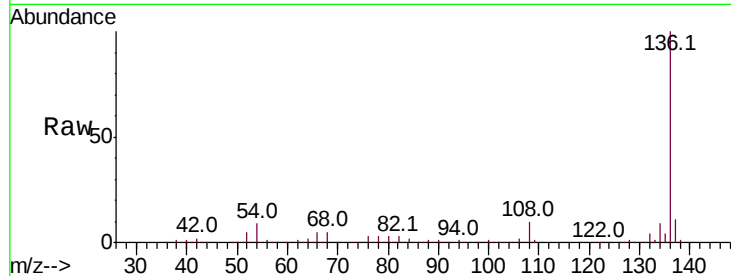
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Instrument :
BNA_F
ClientSampleId :
NB-04302020MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.7	13.1	
54	8.9	9.1	13.7#	
68	5.4	4.6	6.8	

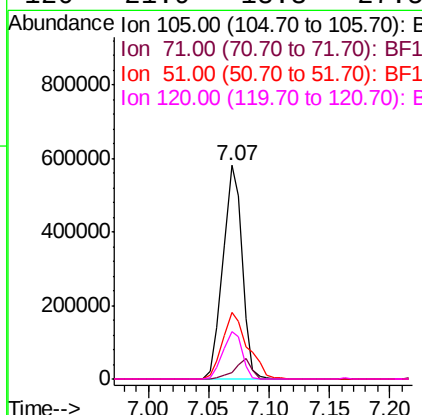
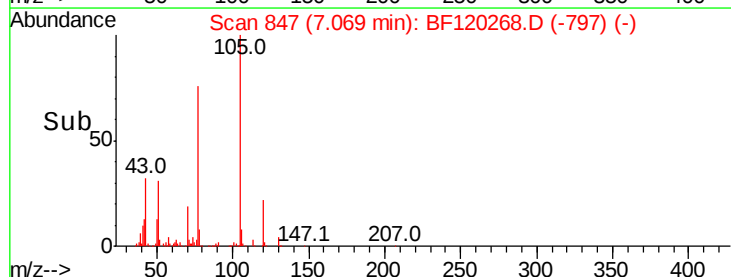
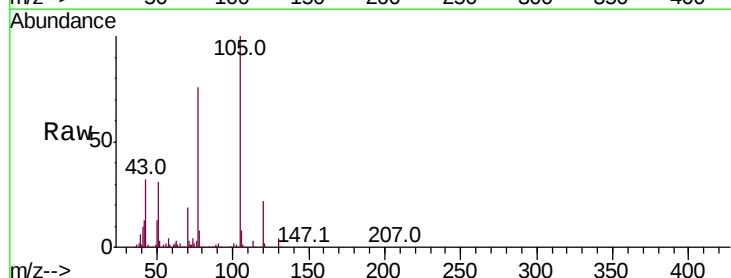
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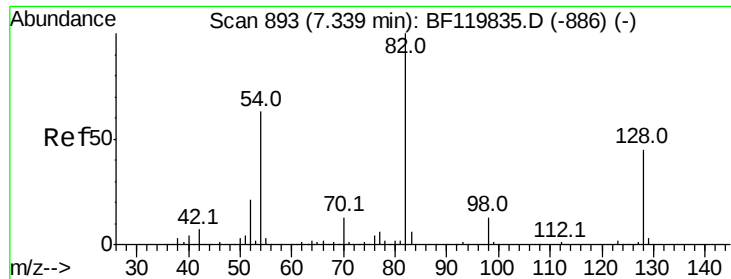
mohammad
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#22
Acetophenone
Concen: 62.979 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.1	5.7	8.5#	
51	31.3	26.2	39.4	
120	21.9	18.3	27.5	





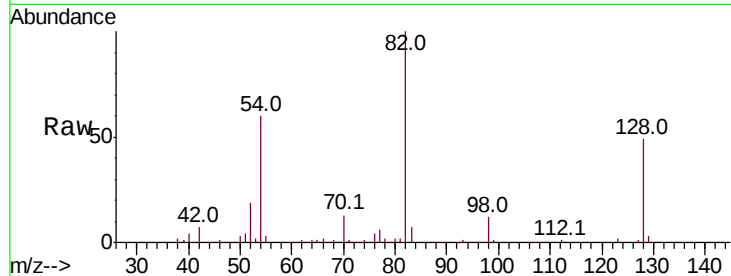
#23
 Nitrobenzene-d5
 Concen: 91.946 ng
 RT: 7.23 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: BF120268.D
 Acq: 1 May 2020 19:50

Instrument :
 BNA_F
 ClientSampleId :
 NB-04302020MSD

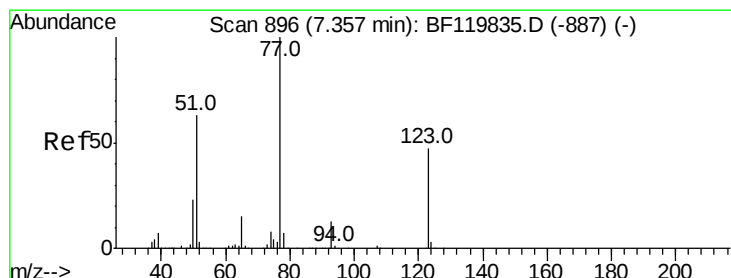
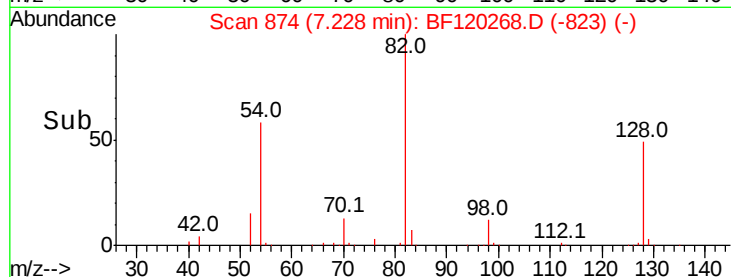
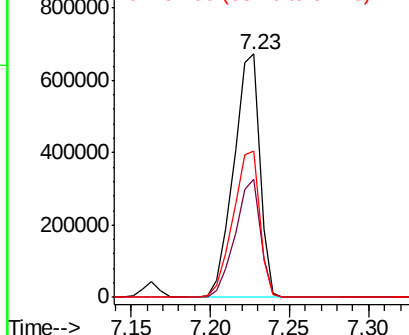
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.6	36.3	54.5
54	60.3	50.6	75.8

Manual Integrations
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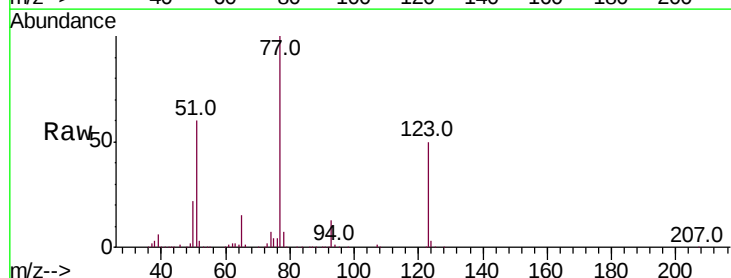


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

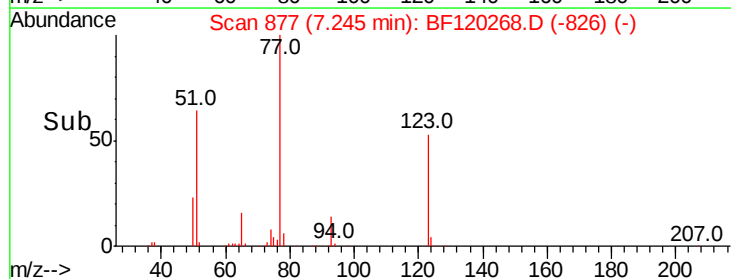
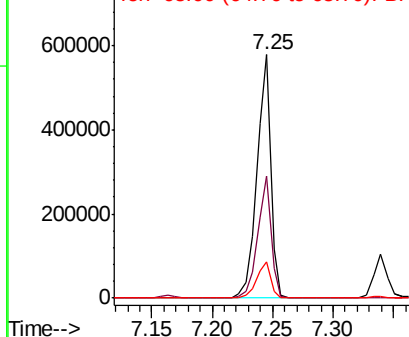


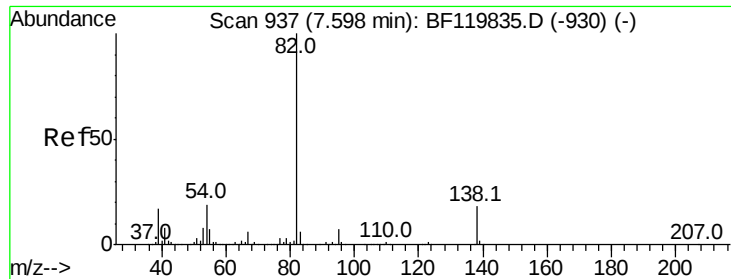
#24
 Nitrobenzene
 Concen: 55.364 ng
 RT: 7.25 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BF120268.D
 Acq: 1 May 2020 19:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.3	38.0	57.0
65	14.9	12.6	18.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





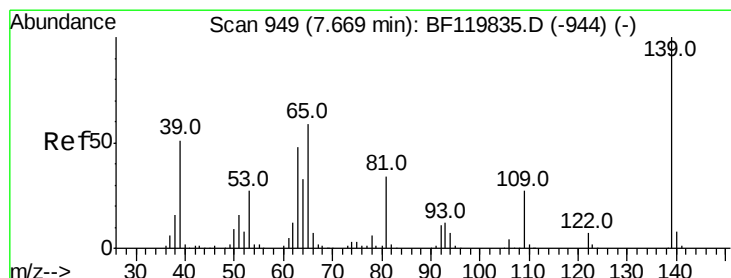
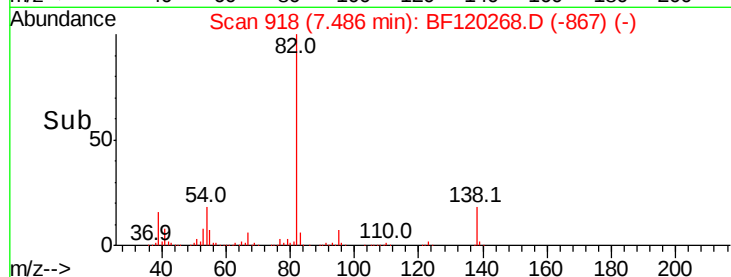
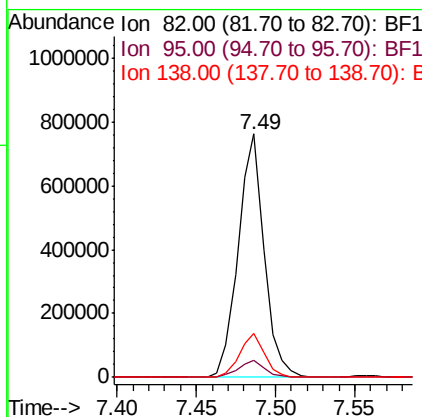
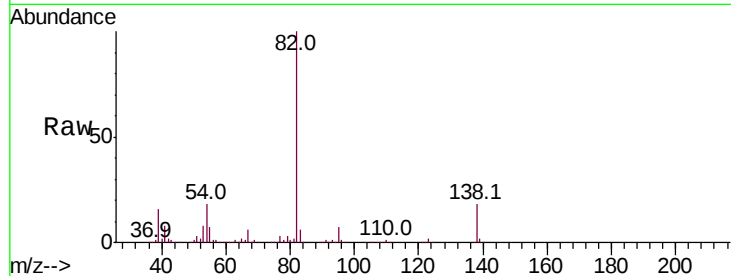
#25
Isophorone
Concen: 53.503 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.00 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Instrument :
BNA_F
ClientSampleId :
NB-04302020MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.8	8.6
138	18.3	14.6	21.8

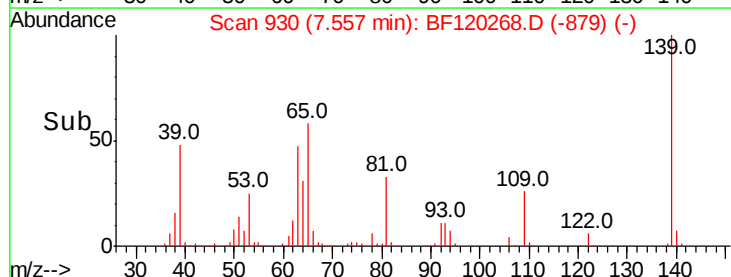
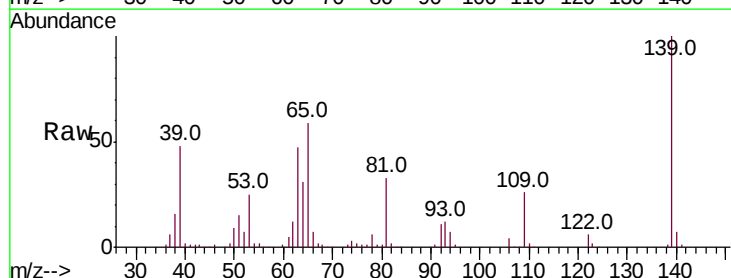
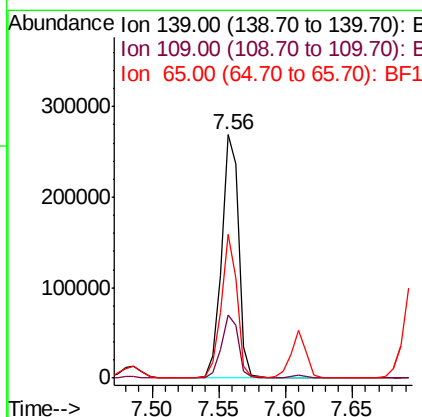
Manual Integrations
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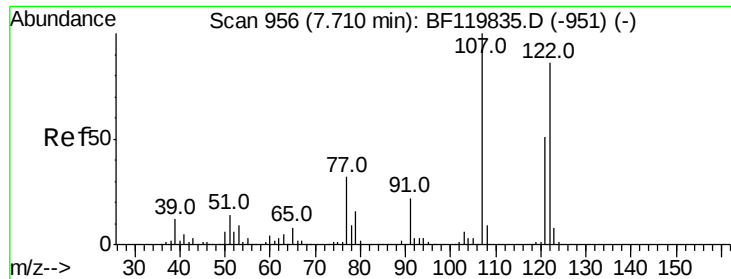
mohammad
5/4/2020 3:45:22 PM



#26
2-Nitrophenol
Concen: 58.094 ng
RT: 7.56 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	25.8	22.1	33.1
65	58.8	49.2	73.8





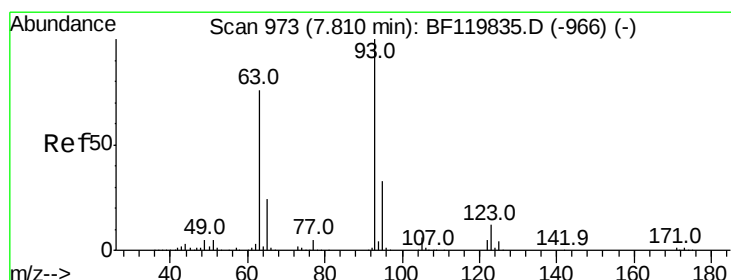
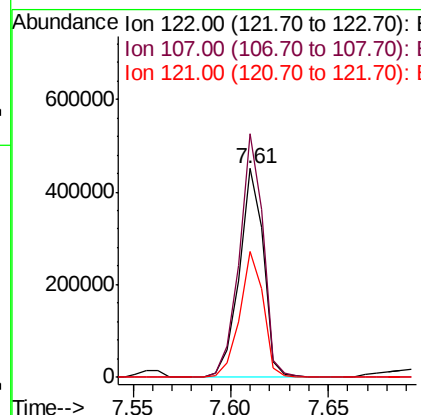
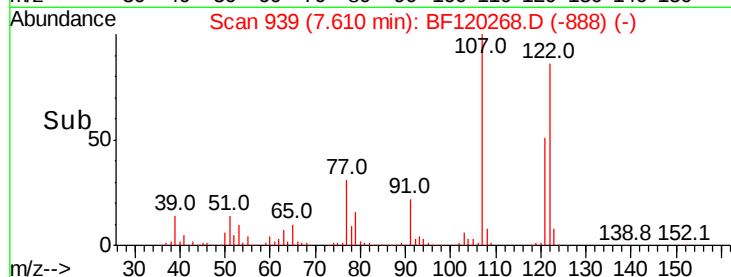
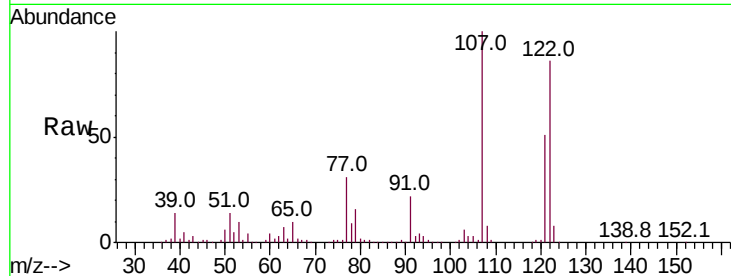
#27
2,4-Dimethylphenol
Concen: 61.377 ng
RT: 7.61 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Instrument :
BNA_F
ClientSampleId :
NB-04302020MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.5	89.0	133.6
121	60.0	46.7	70.1

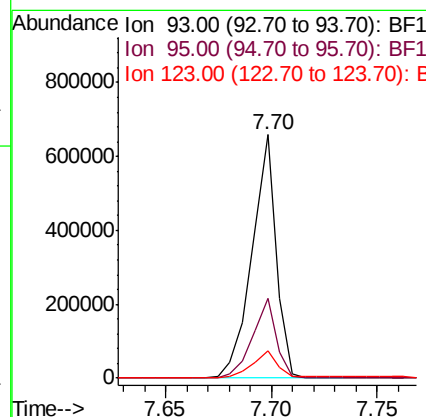
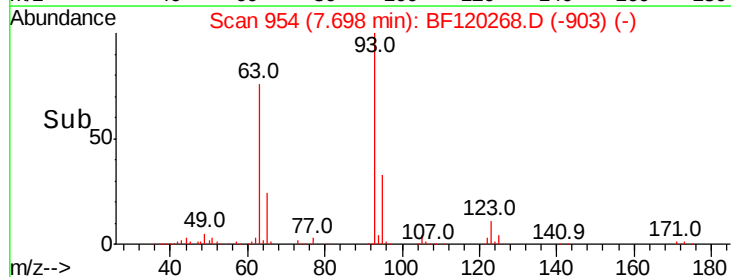
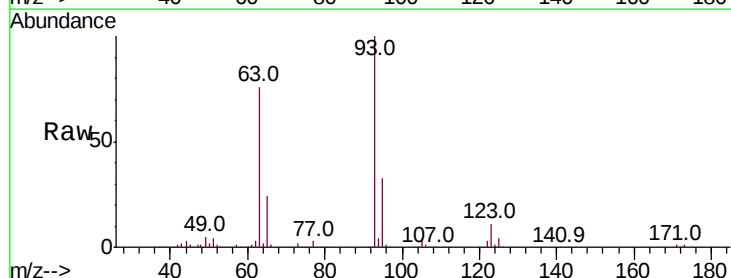
Manual Integrations
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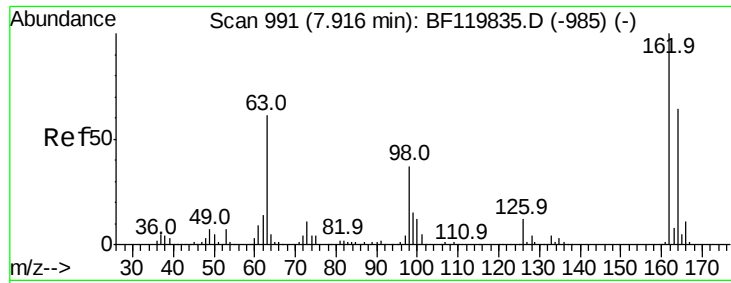
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 55.747 ng
RT: 7.70 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

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





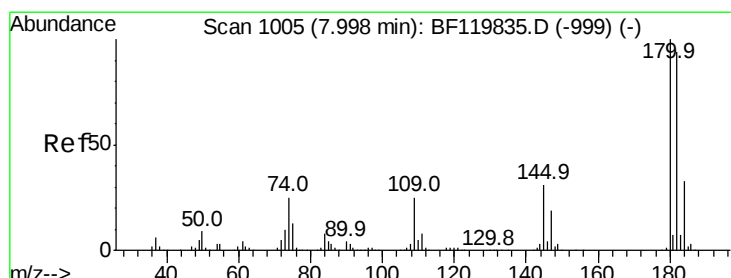
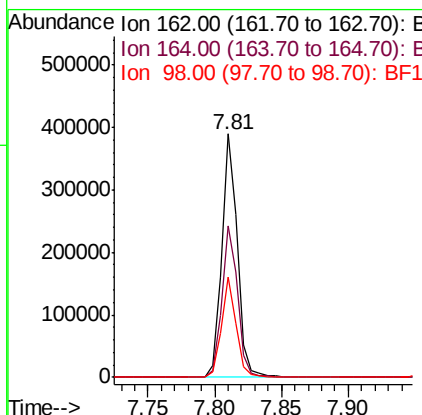
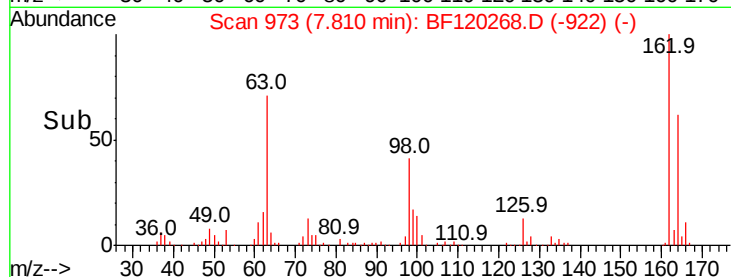
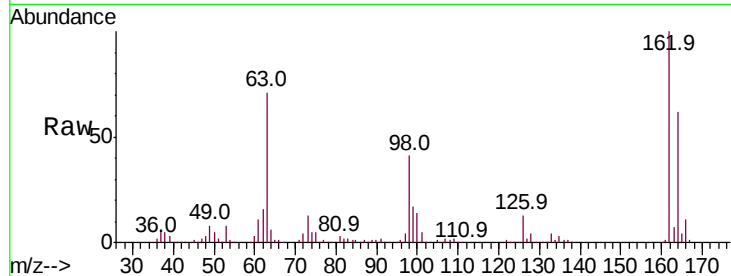
#29
 2,4-Dichlorophenol
 Concen: 49.634 ng
 RT: 7.81 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BF120268.D
 Acq: 1 May 2020 19:50

Instrument :
 BNA_F
 ClientSampleId :
 NB-04302020MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	322076		
164	62.2	44.7	84.7	
98	41.0	20.7	60.7	

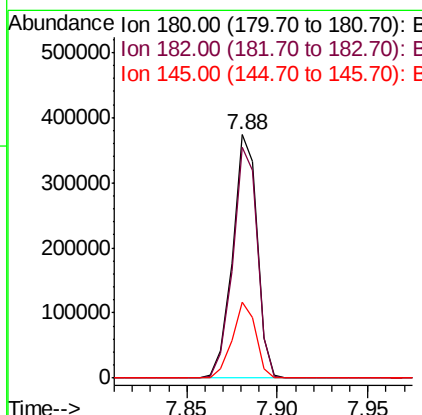
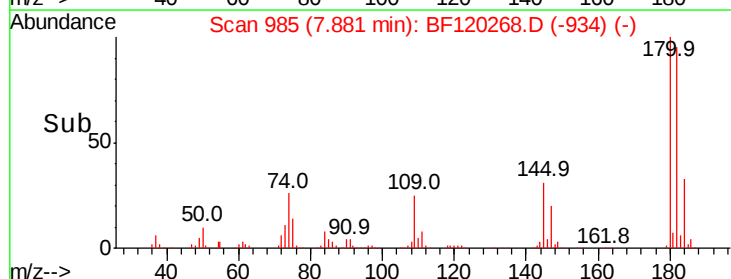
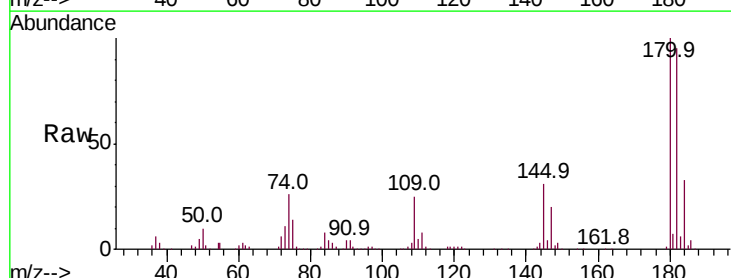
Manual Integrations
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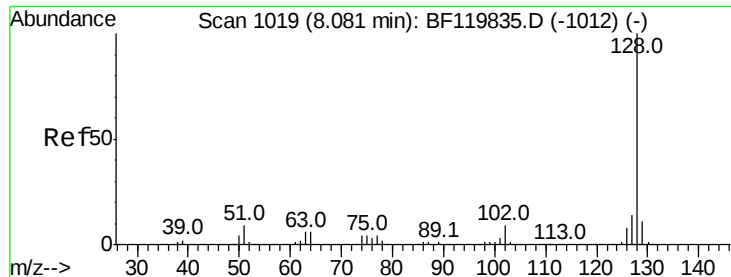
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#30
 1,2,4-Trichlorobenzene
 Concen: 47.823 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF120268.D
 Acq: 1 May 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	351619		
182	94.7	74.7	112.1	
145	31.4	24.5	36.7	





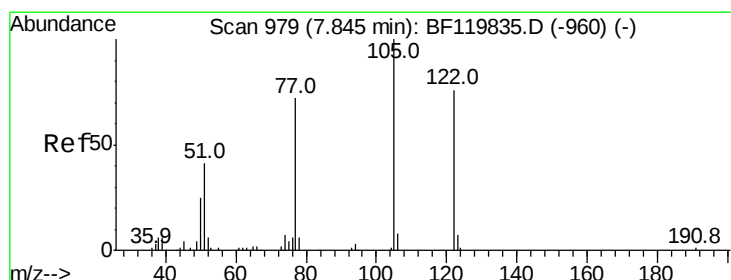
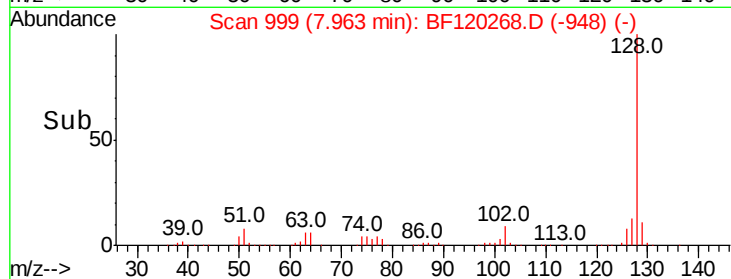
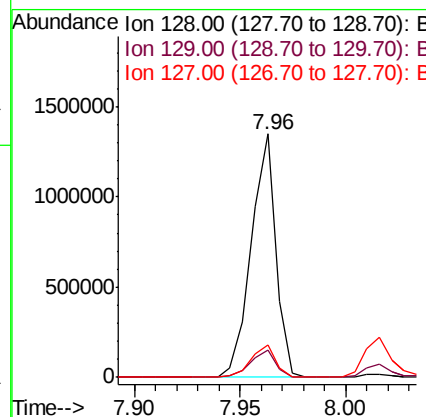
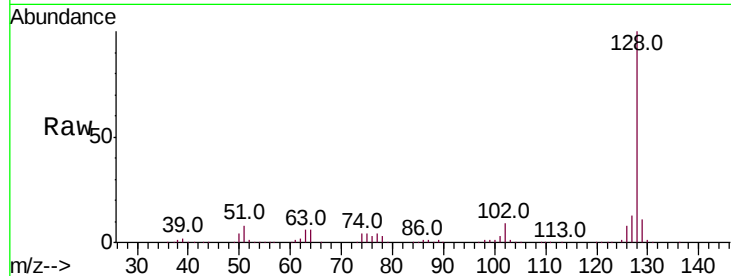
#31
Naphthalene
Concen: 48.321 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Instrument :
BNA_F
ClientSampleId :
NB-04302020MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.5	14.3
127	13.3	11.3	16.9

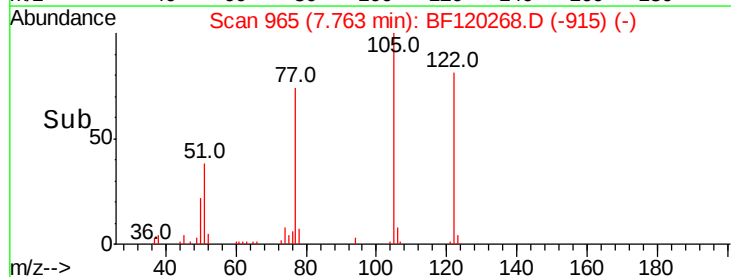
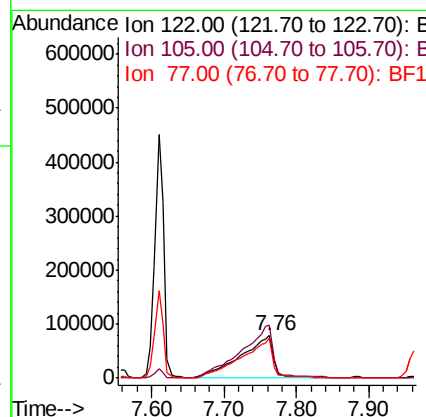
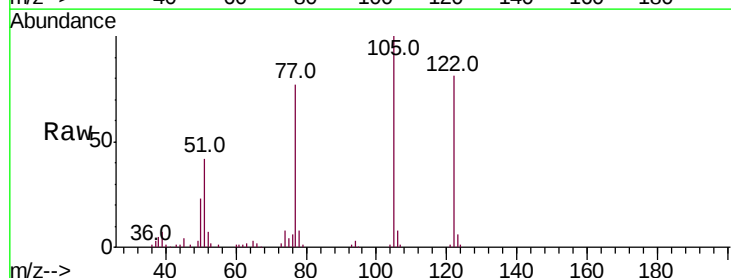
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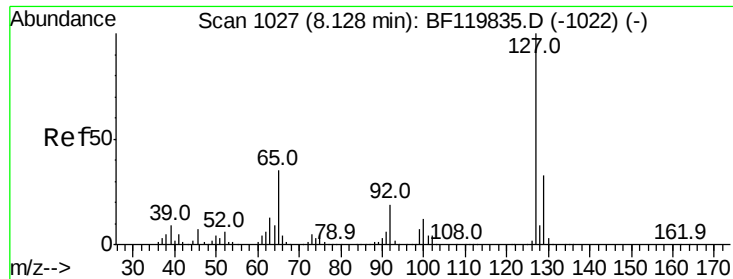
mohammad
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#32
Benzoic acid
Concen: 44.090 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.9	104.9	144.9
77	95.8	74.4	114.4





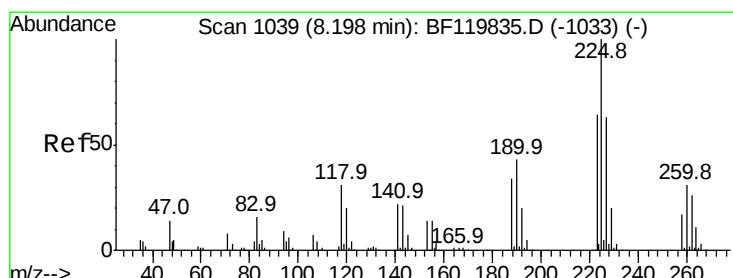
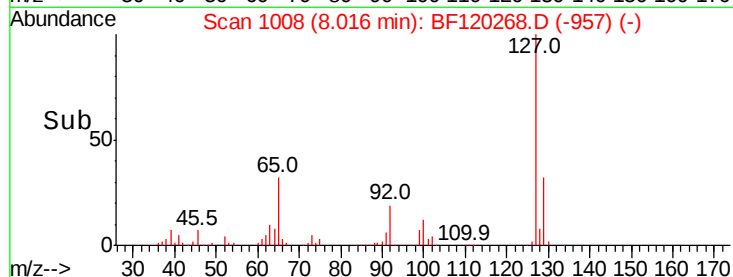
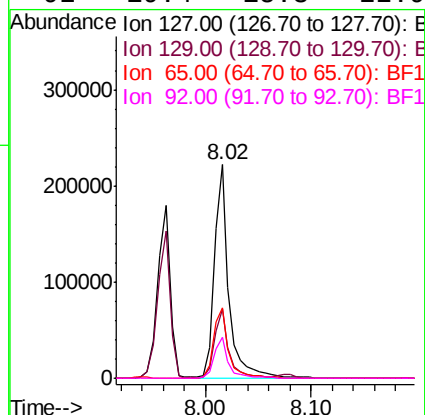
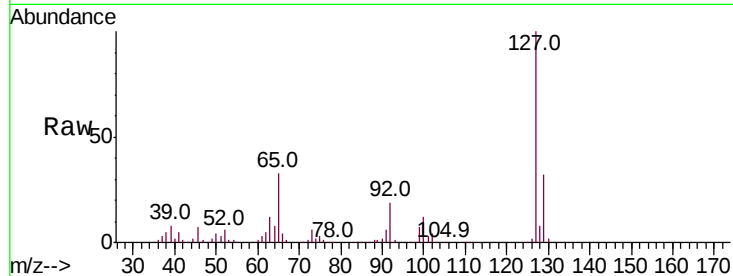
#33
4-Chloroaniline
Concen: 21.574 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Instrument :
BNA_F
ClientSampleId :
NB-04302020MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	26.2	39.4	
65	32.9	27.4	41.0	
92	19.4	15.3	22.9	

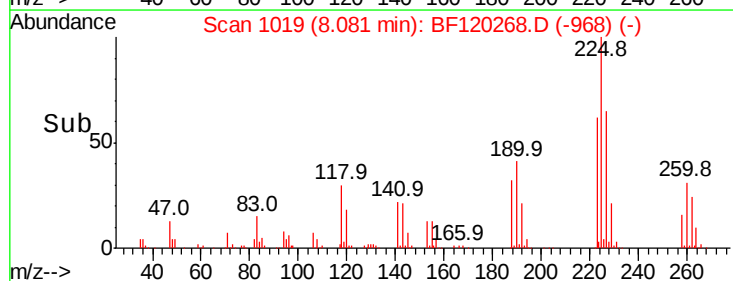
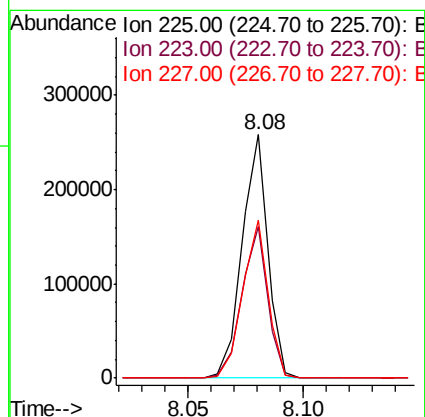
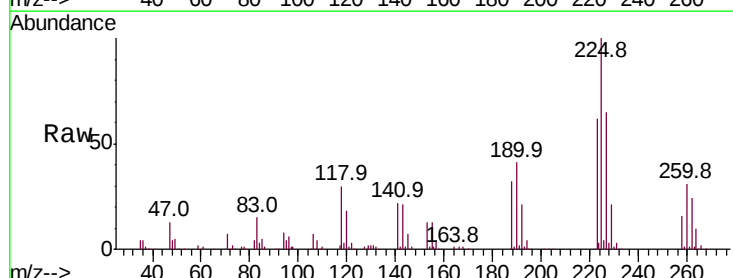
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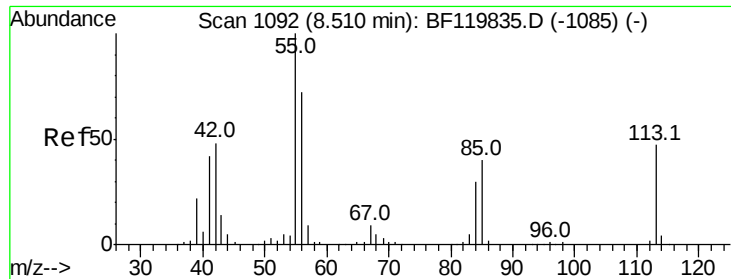
mohammad
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#34
Hexachlorobutadiene
Concen: 45.732 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	51.0	76.6	
227	64.7	50.7	76.1	





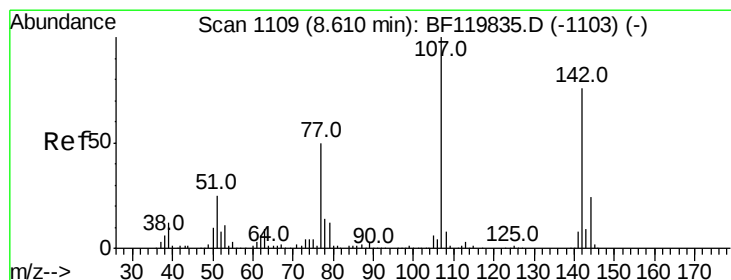
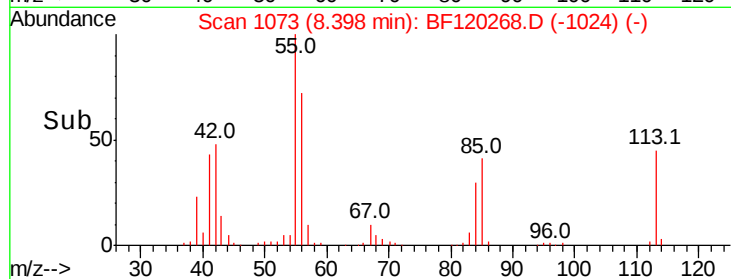
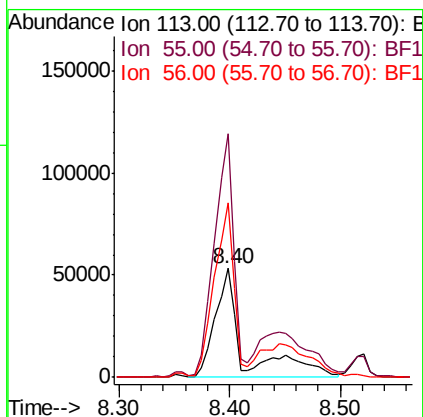
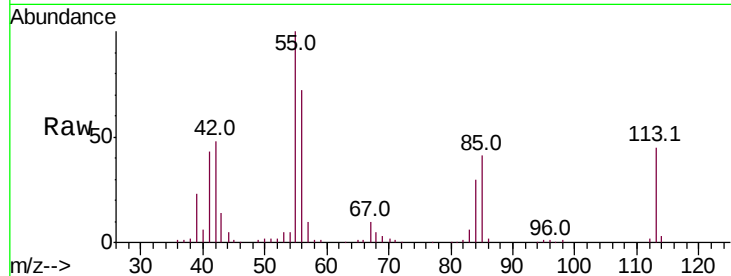
#35
 Caprolactam
 Concen: 47.436 ng/ml
 RT: 8.40 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BF120268.D
 Acq: 1 May 2020 19:50

Instrument :
 BNA_F
 ClientSampleId :
 NB-04302020MSD

Tot Ion:113 Resp: 94159
 Ion Ratio Lower Upper
 113 100
 55 224.1 218.4 258.4
 56 160.9 148.9 188.9

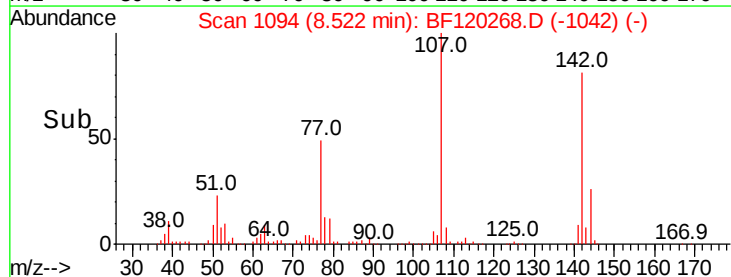
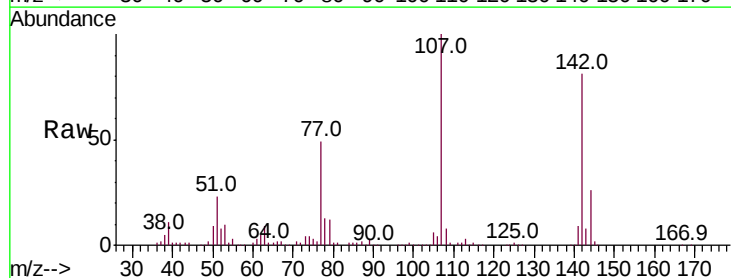
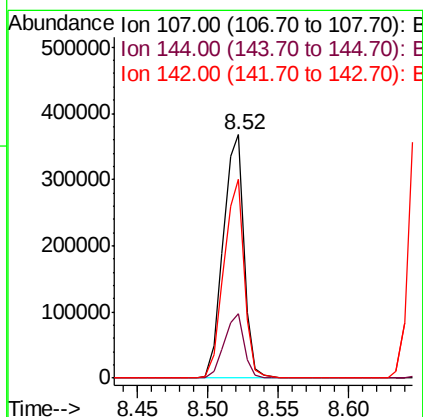
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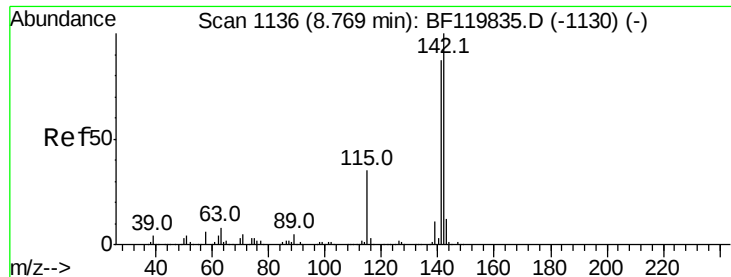
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 53.739 ng/ml
 RT: 8.52 min Scan# 1094
 Delta R.T. 0.01 min
 Lab File: BF120268.D
 Acq: 1 May 2020 19:50

Tgt Ion:107 Resp: 377538
 Ion Ratio Lower Upper
 107 100
 144 26.3 21.0 31.6
 142 81.5 64.4 96.6





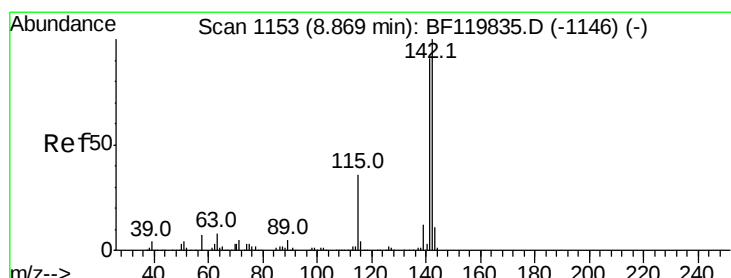
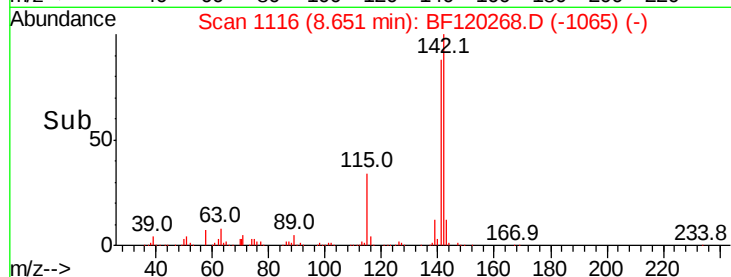
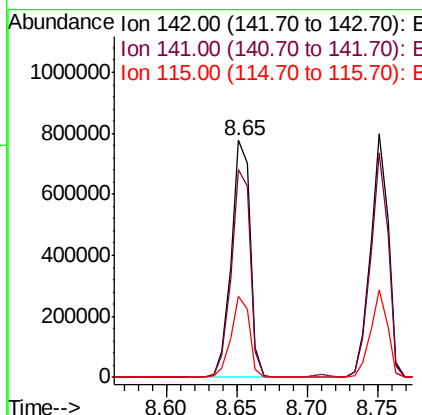
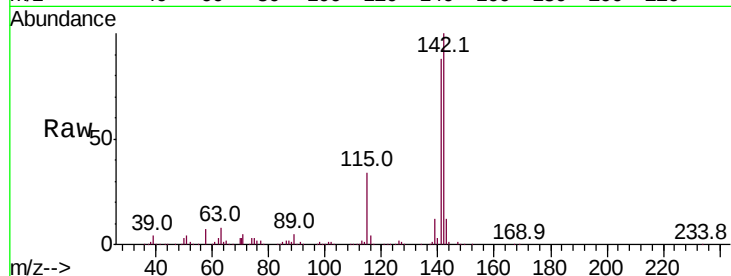
#37
2-Methylnaphthalene
Concen: 46.720 ng
RT: 8.65 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Instrument :
BNA_F
ClientSampleId :
NB-04302020MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.7	107.5
115	34.1	27.9	41.9

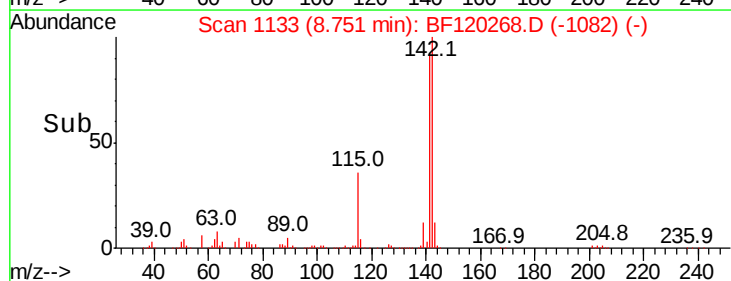
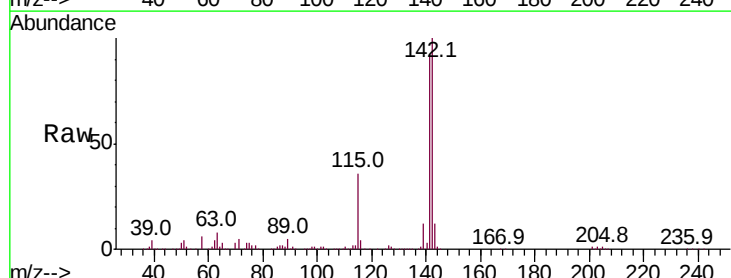
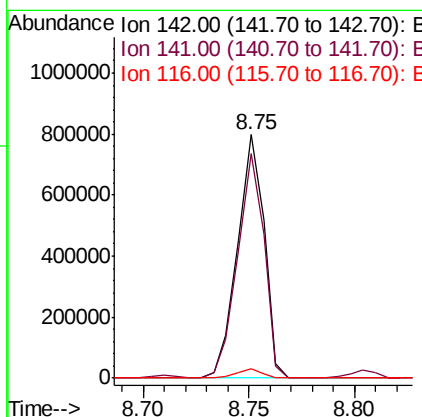
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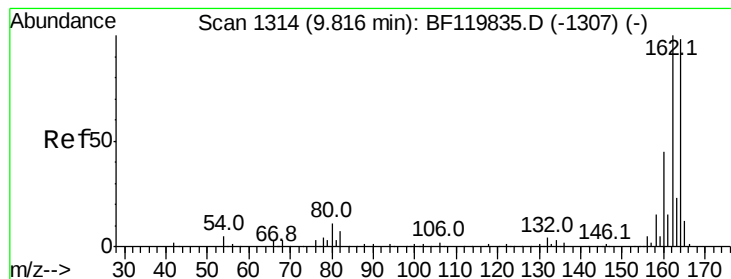
mohammad
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#38
1-Methylnaphthalene
Concen: 47.945 ng
RT: 8.75 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.7	110.5
116	3.7	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF120268.D

Acq: 1 May 2020 19:50

Instrument :

BNA_F

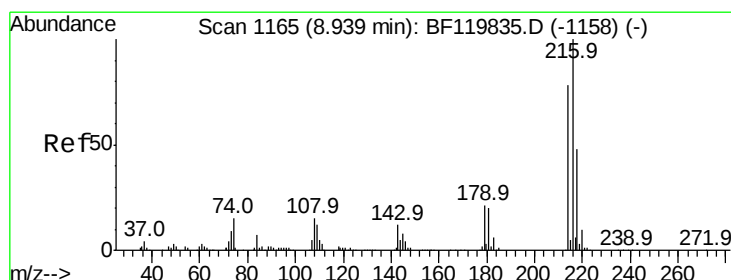
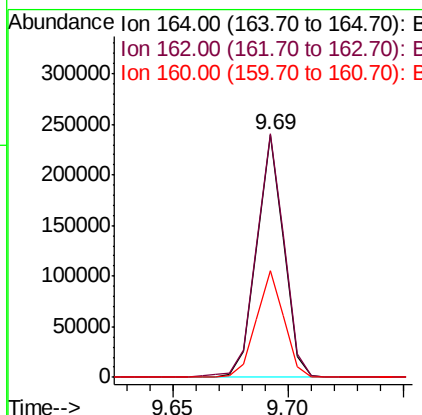
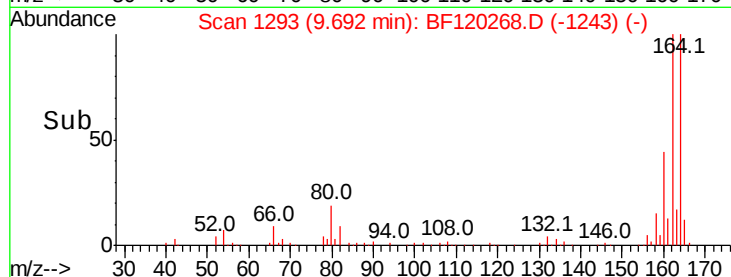
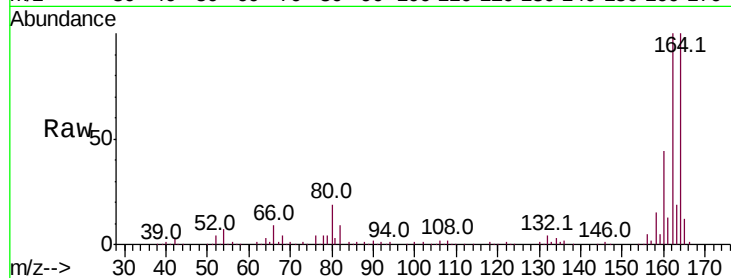
ClientSampleId :

NB-04302020MSD

Tot Ion:	164	Resp:	195980
Ion Ratio	Lower	Upper	
164	100		
162	100.2	80.6	121.0
160	43.9	35.7	53.5

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.921 ng

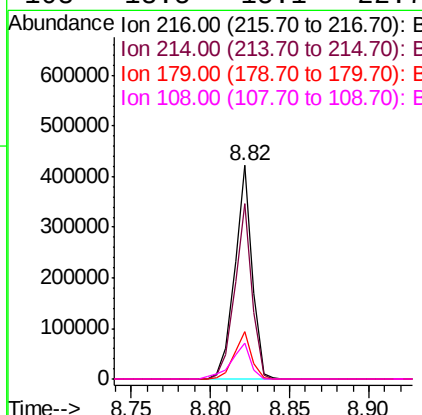
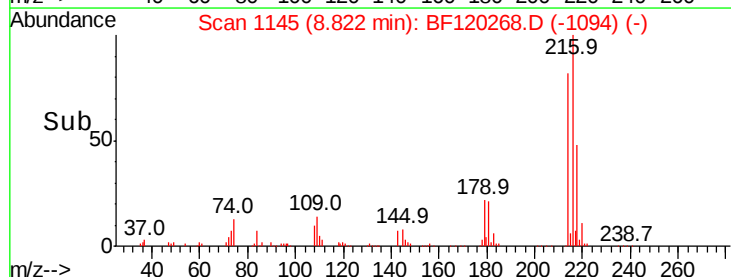
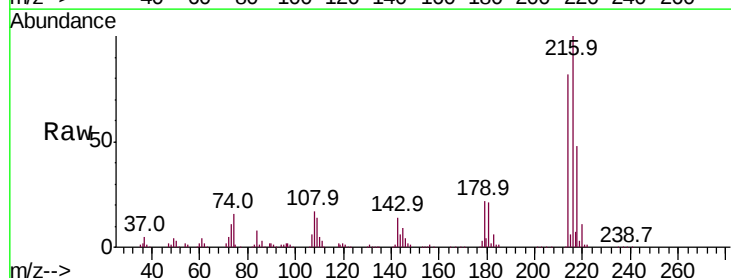
RT: 8.82 min Scan# 1145

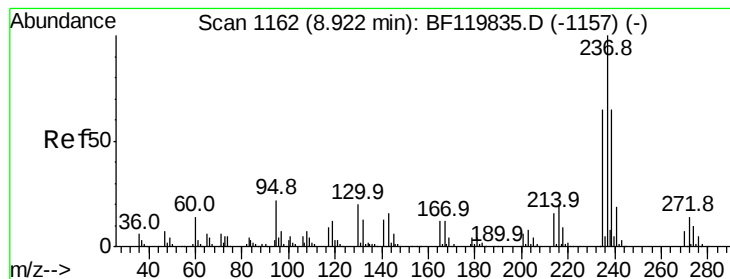
Delta R.T. 0.00 min

Lab File: BF120268.D

Acq: 1 May 2020 19:50

Tgt Ion:	216	Resp:	321383
Ion Ratio	Lower	Upper	
216	100		
214	81.0	63.2	94.8
179	21.6	17.1	25.7
108	18.5	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 53.830 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BF120268.D

Acq: 1 May 2020 19:50

Instrument :

BNA_F

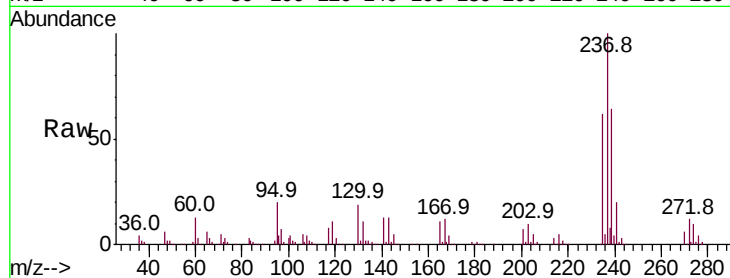
ClientSampleId :

NB-04302020MSD

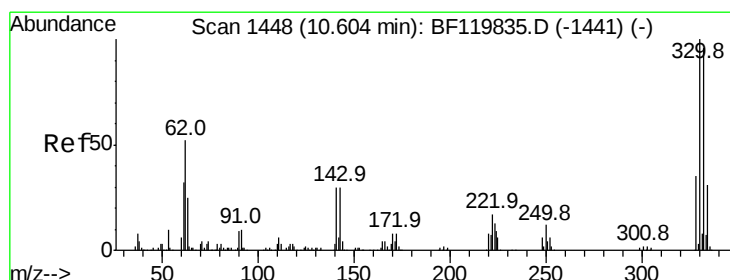
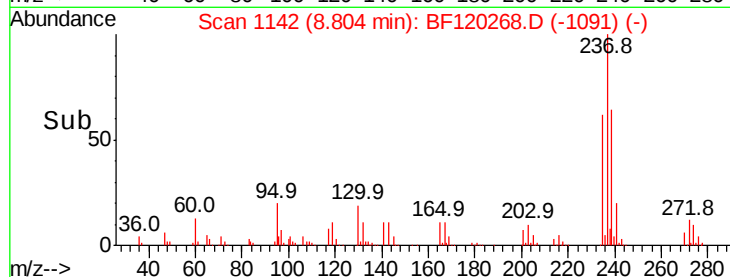
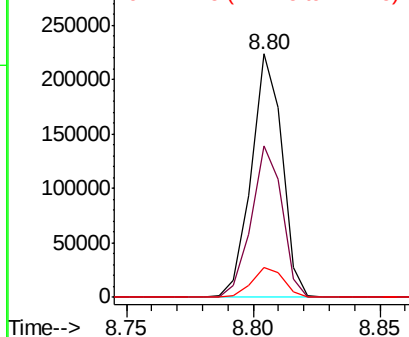
Tot Ion:	237	Resp:	189472
Ion Ratio	Lower	Upper	
237	100		
235	62.3	43.2	83.2
272	12.2	0.0	34.1

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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: 101.004 ng

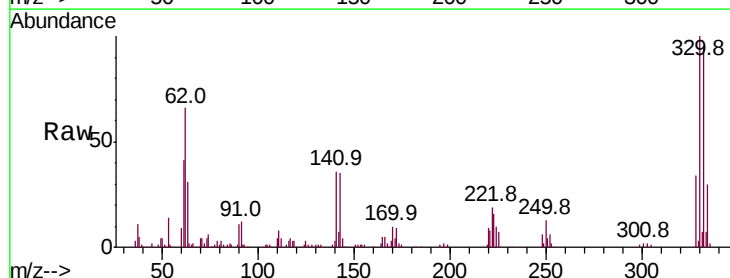
RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

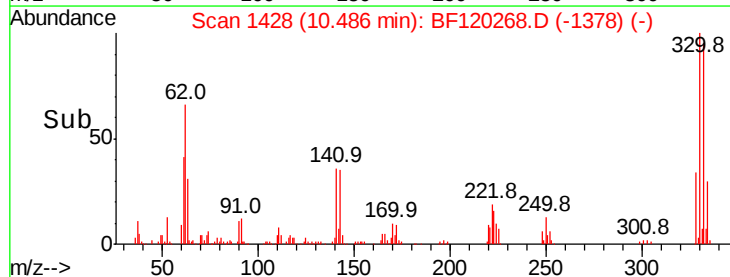
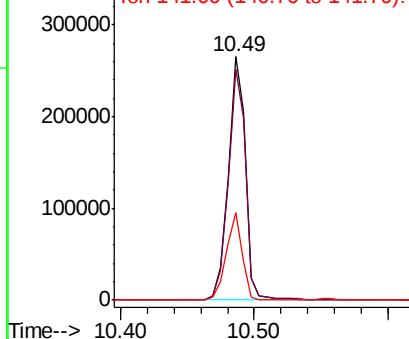
Lab File: BF120268.D

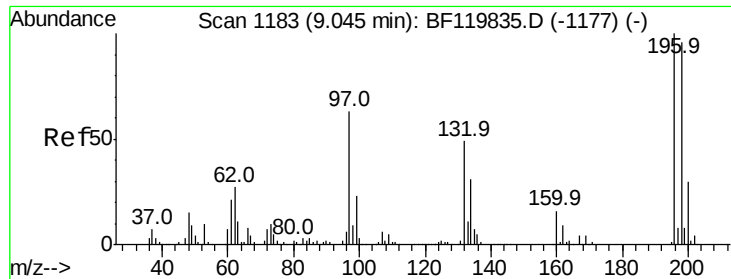
Acq: 1 May 2020 19:50

Tgt Ion:	330	Resp:	242354
Ion Ratio	Lower	Upper	
330	100		
332	95.9	75.7	113.5
141	34.1	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





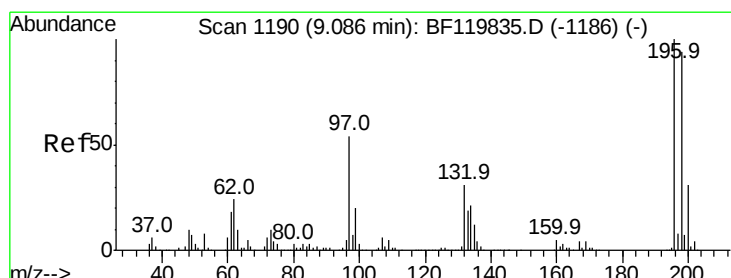
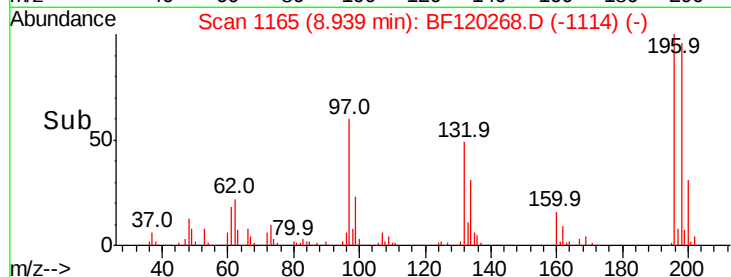
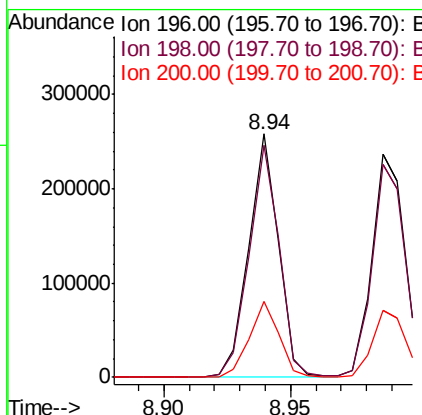
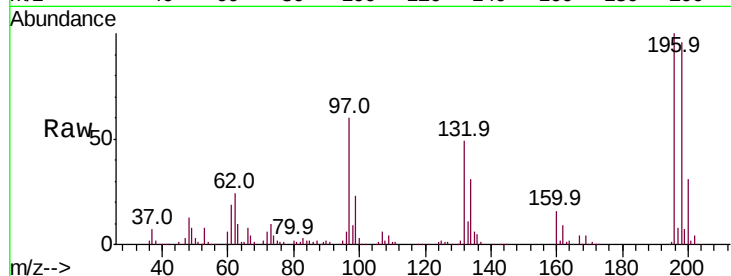
#43
 2,4,6-Trichlorophenol
 Concen: 49.521 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF120268.D
 Acq: 1 May 2020 19:50

Instrument :
 BNA_F
 ClientSampleId :
 NB-04302020MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	211671		
198	95.5	76.6	115.0	
200	31.3	24.6	36.8	

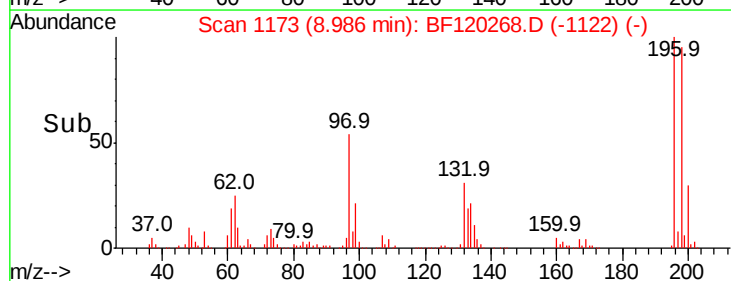
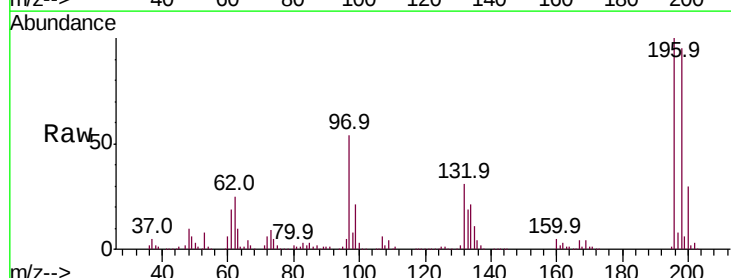
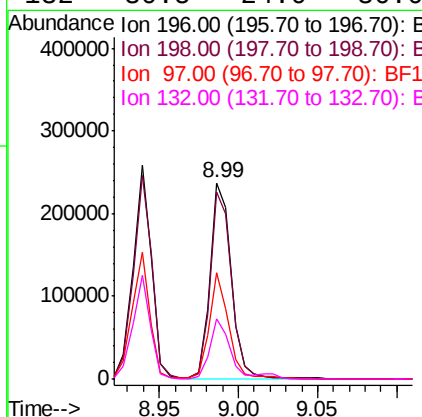
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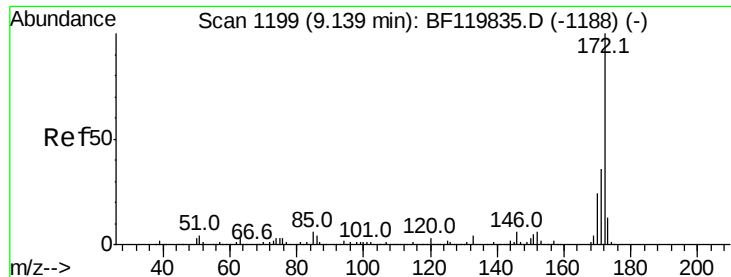
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 46.380 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF120268.D
 Acq: 1 May 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	223283		
198	95.0	73.8	110.8	
97	54.0	42.6	63.8	
132	30.5	24.0	36.0	





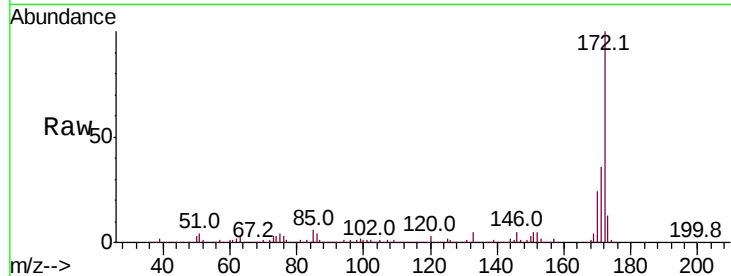
#45
2-Fluorobiphenyl
Concen: 90.247 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Instrument :
BNA_F
ClientSampleId :
NB-04302020MSD

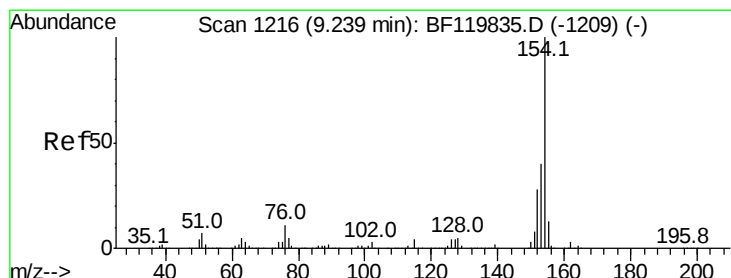
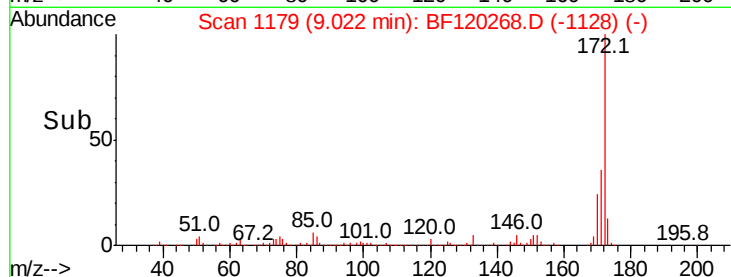
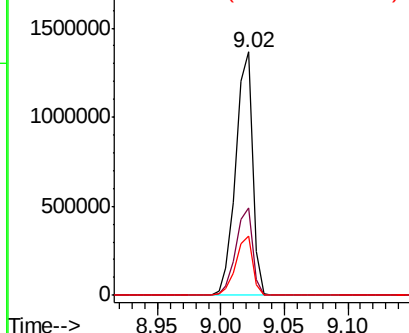
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.2	20.2	30.2

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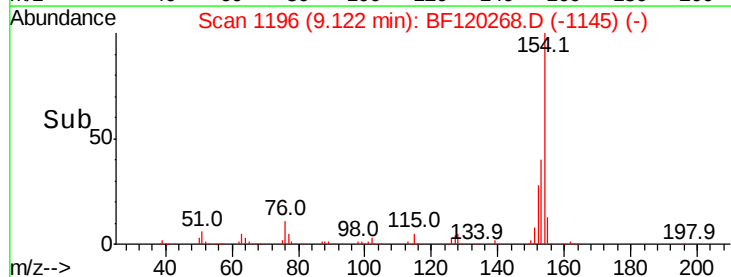
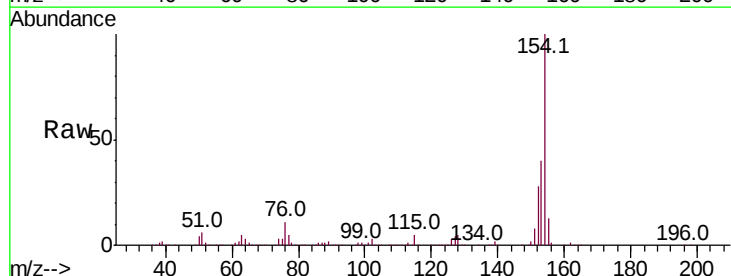
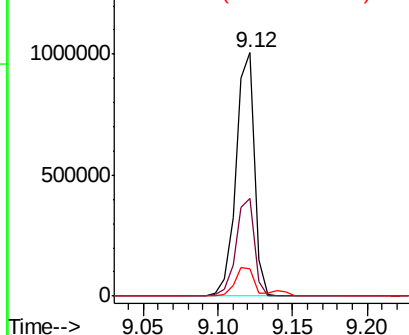
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

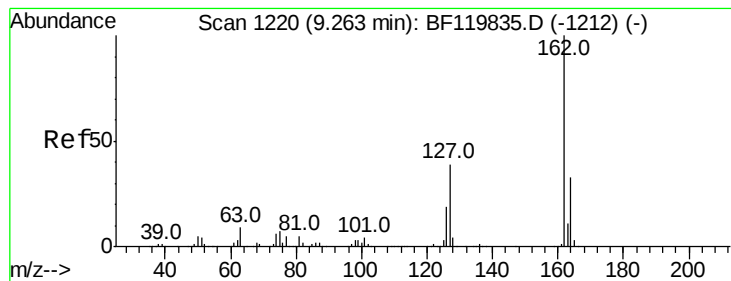


#46
1,1'-Biphenyl
Concen: 52.984 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.4	61.4
76	11.2	0.0	33.0

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 51.342 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF120268.D

Acq: 1 May 2020 19:50

Instrument :

BNA_F

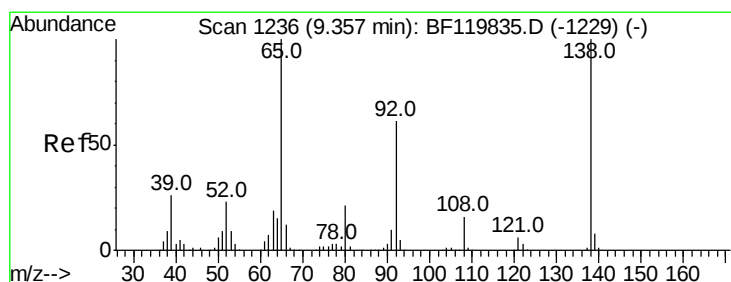
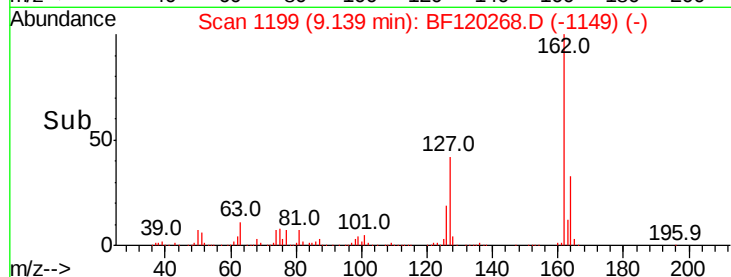
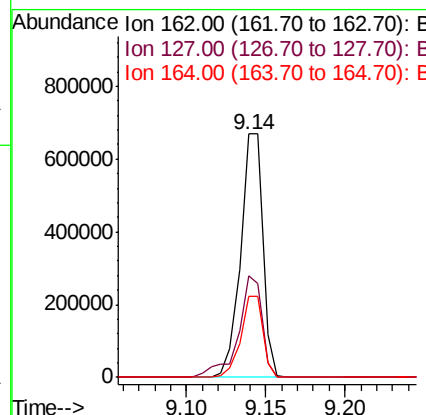
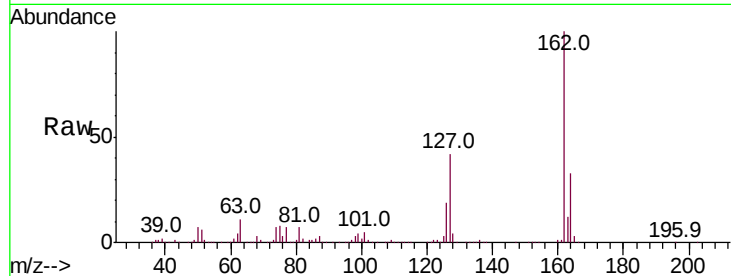
ClientSampleId :

NB-04302020MSD

Tot Ion:	162	Resp:	654249
Ion Ratio	Lower	Upper	
162	100		
127	41.9	33.7	50.5
164	33.5	26.3	39.5

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#48

2-Nitroaniline

Concen: 47.232 ng

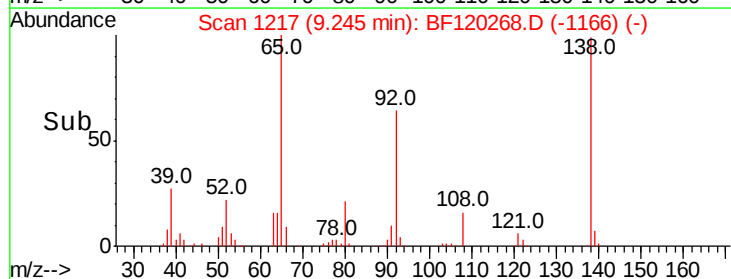
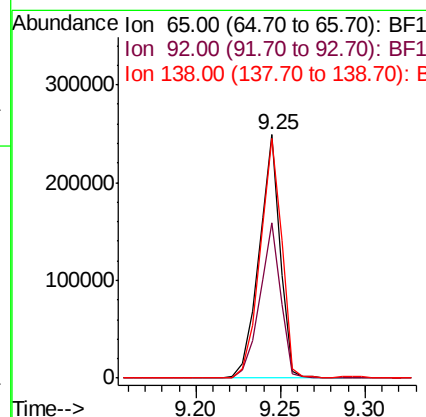
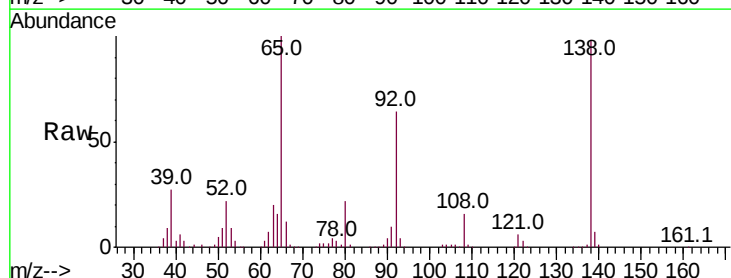
RT: 9.25 min Scan# 1217

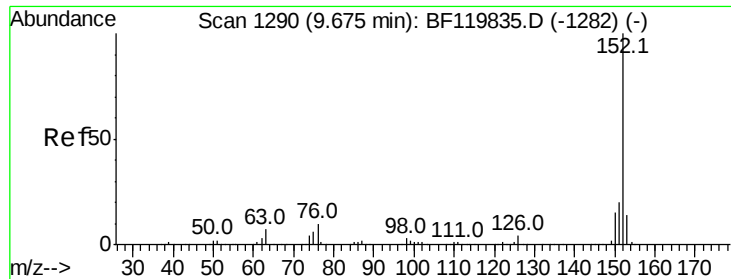
Delta R.T. 0.00 min

Lab File: BF120268.D

Acq: 1 May 2020 19:50

Tgt Ion:	65	Resp:	218110
Ion Ratio	Lower	Upper	
65	100		
92	63.9	50.0	75.0
138	98.4	75.0	112.4





#49

Acenaphthylene

Concen: 52.246 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF120268.D

Acq: 1 May 2020 19:50

Instrument :

BNA_F

ClientSampleId :

NB-04302020MSD

Tot Ion:152 Resp: 1012504

Ion Ratio Lower Upper

152 100

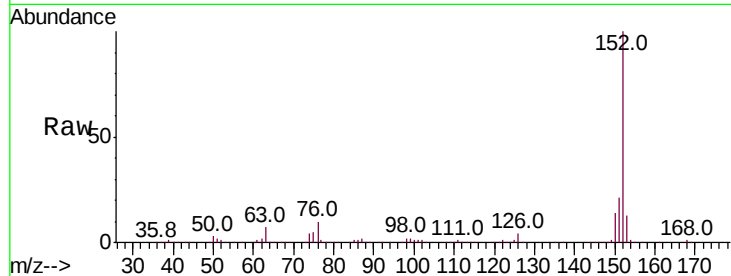
151 20.5 17.2 25.8

153 13.1 11.2 16.8

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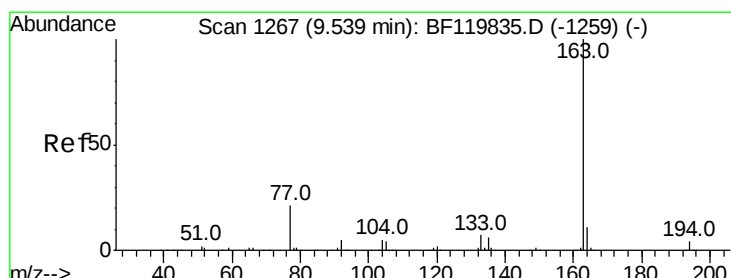
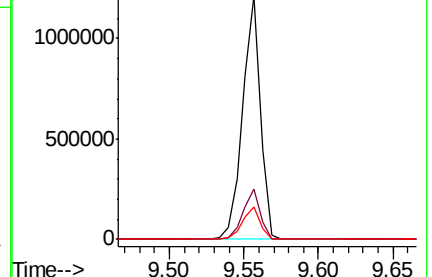
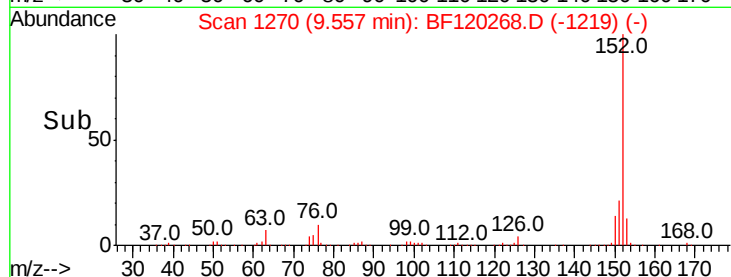
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 66.566 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF120268.D

Acq: 1 May 2020 19:50

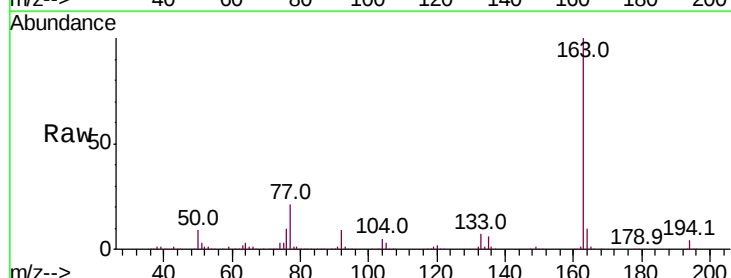
Tgt Ion:163 Resp: 1009064

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

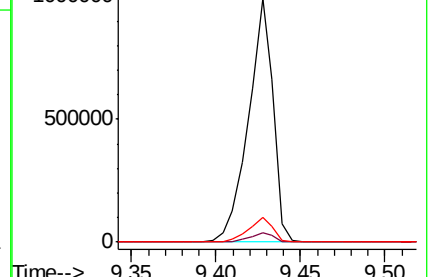
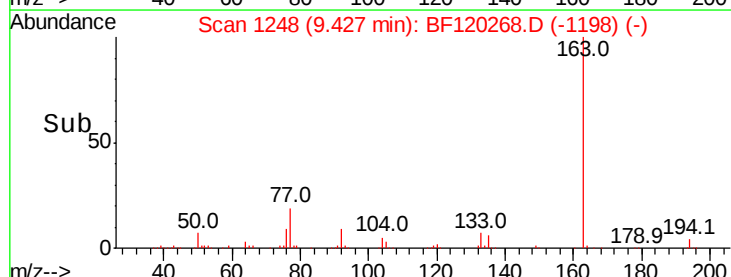
164 10.1 8.2 12.2

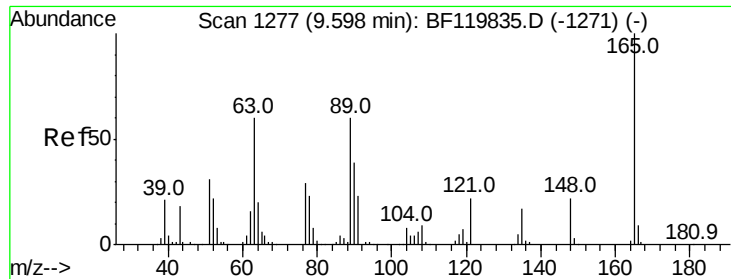


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





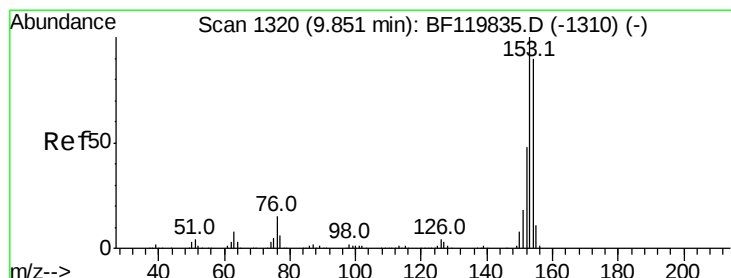
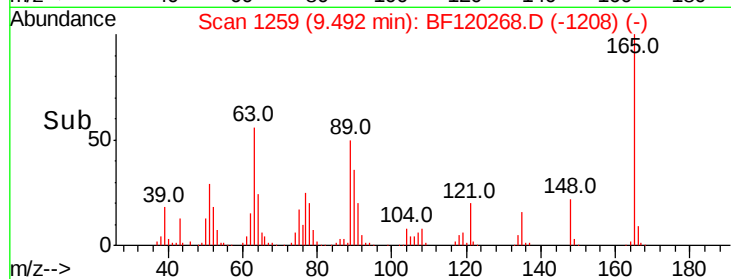
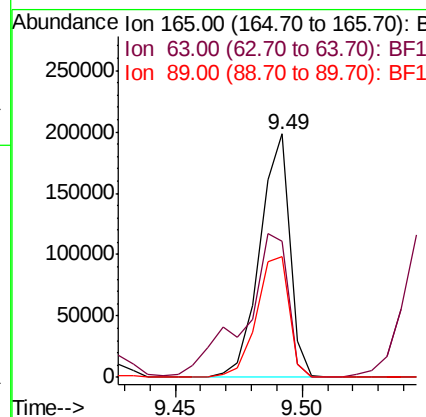
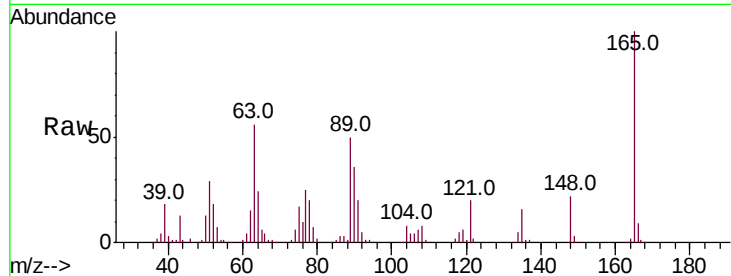
#51
2,6-Dinitrotoluene
Concen: 49.467 ng
RT: 9.49 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Instrument :
BNA_F
ClientSampleID :
NB-04302020MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	164208		
63	55.9	45.0	67.4	
89	49.6	41.5	62.3	

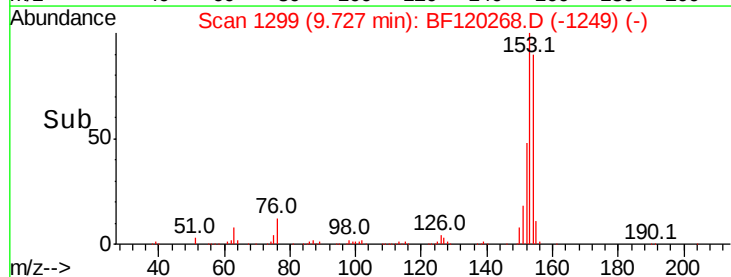
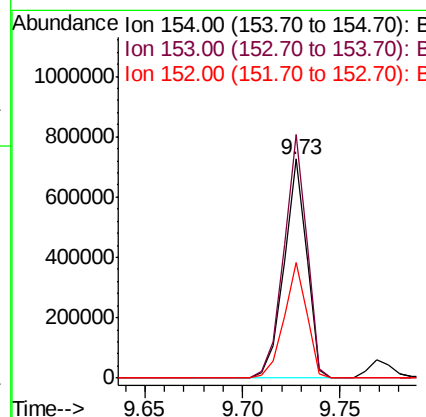
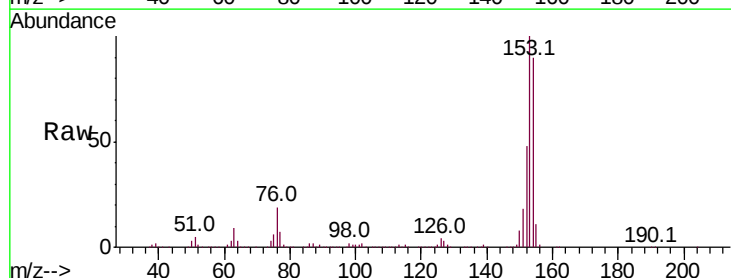
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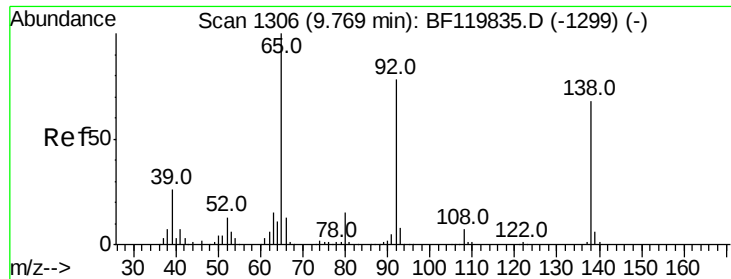
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#52
Acenaphthene
Concen: 45.445 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	587484		
153	111.1	88.1	132.1	
152	53.0	43.0	64.4	





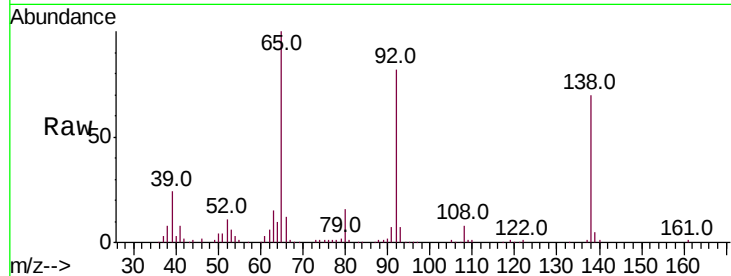
#53
3-Nitroaniline
Concen: 28.086 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Instrument :
BNA_F
ClientSampleId :
NB-04302020MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.6	13.0
92	117.1	95.4	143.0

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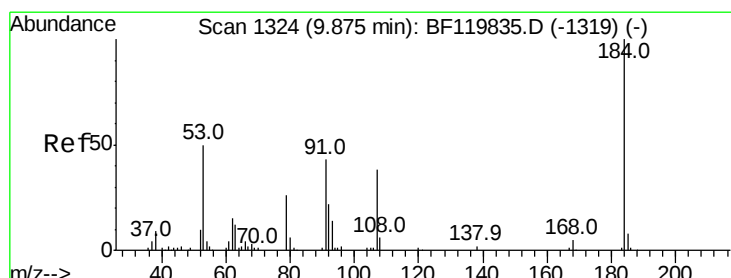
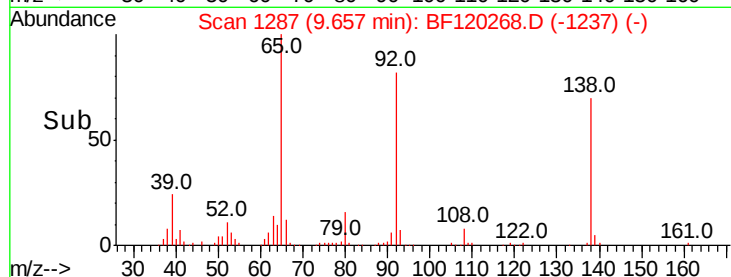
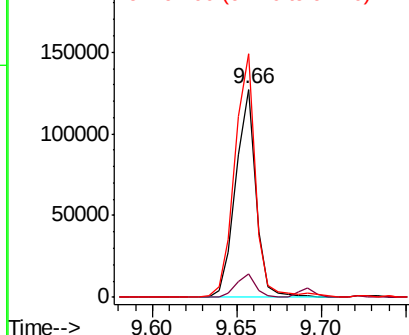


Abundance

Ion 138.00 (137.70 to 138.70): E

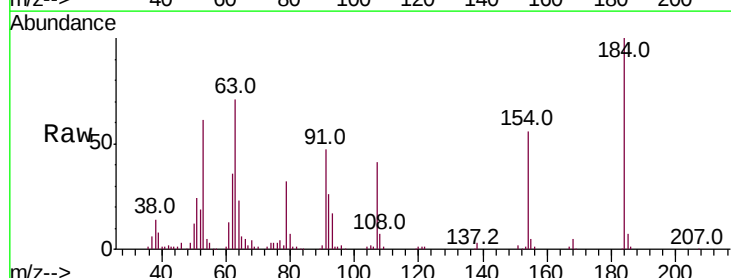
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 48.217 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.2	50.2	75.4
154	55.8	44.5	66.7

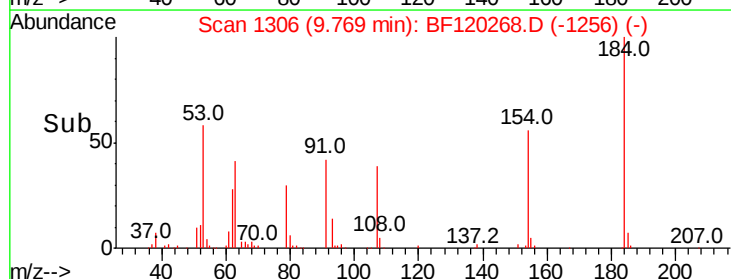
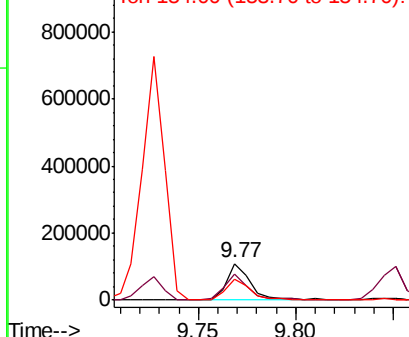


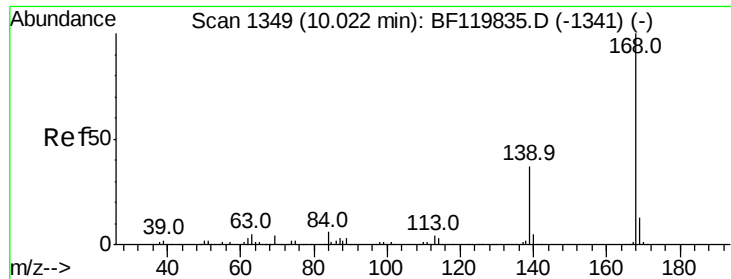
Abundance

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





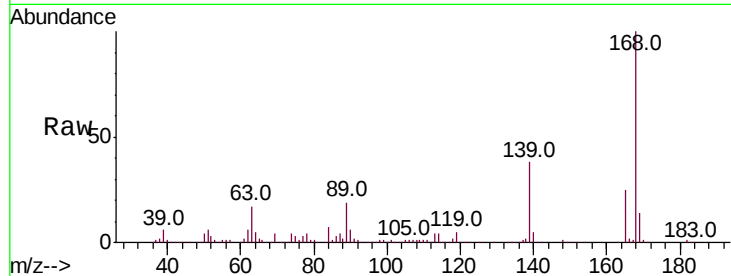
#55
Dibenzofuran
Concen: 50.270 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Instrument :
BNA_F
ClientSampleId :
NB-04302020MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.1	45.1
169	13.7	11.0	16.6

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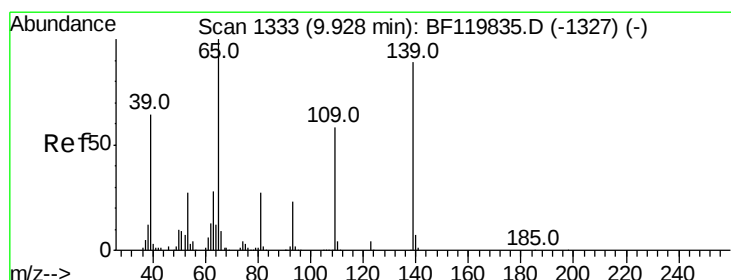
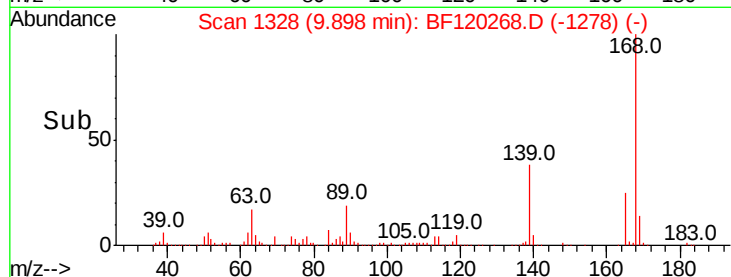
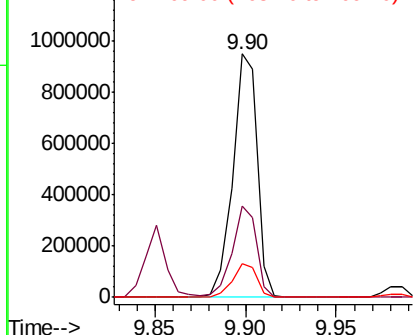


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 80.560 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

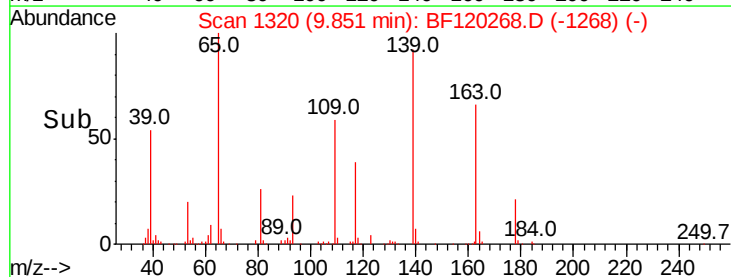
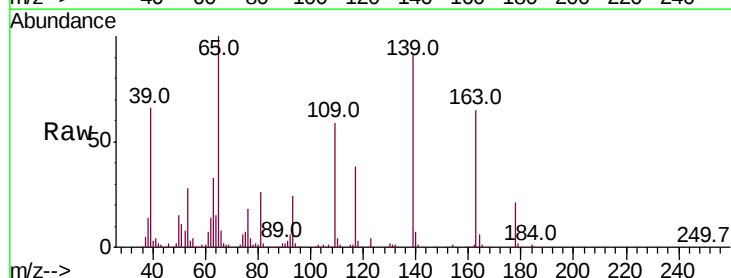
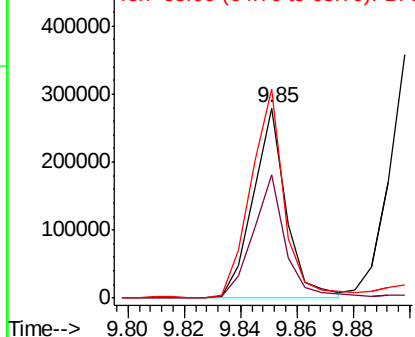
Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.7	43.3	83.3
65	109.9	91.0	131.0

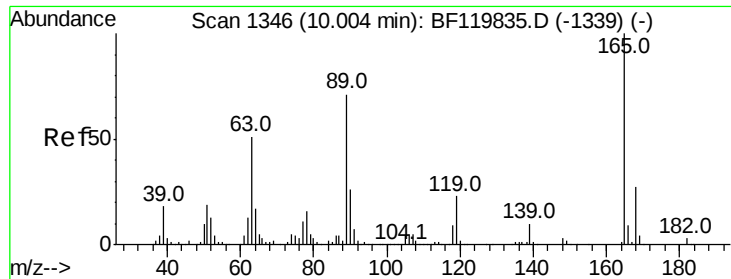
Abundance

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: 47.331 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF120268.D

Acq: 1 May 2020 19:50

Instrument :

BNA_F

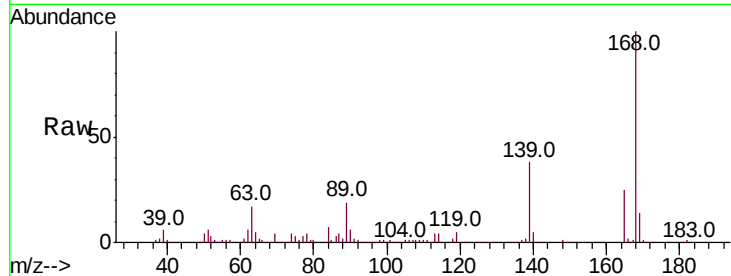
ClientSampleId :

NB-04302020MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	68.1	42.6	64.0	#
89	78.9	61.0	91.4	
182	2.5	2.2	3.2	

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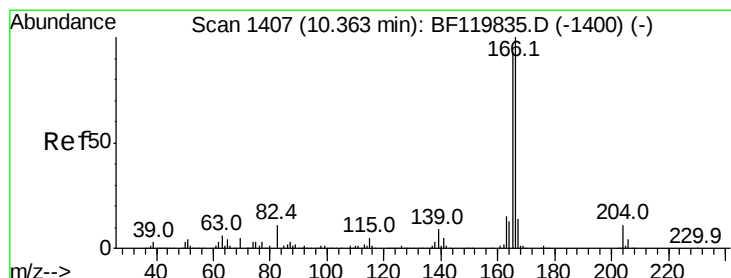
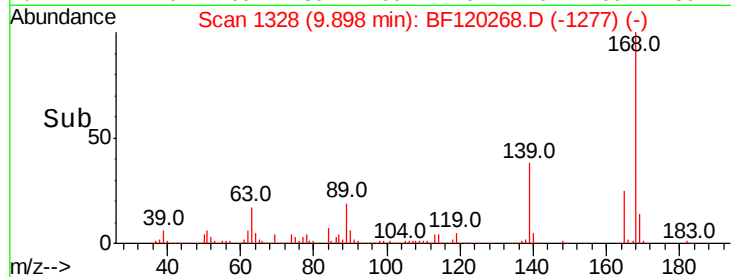
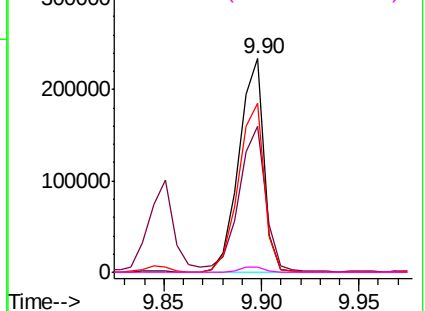


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 47.313 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.00 min

Lab File: BF120268.D

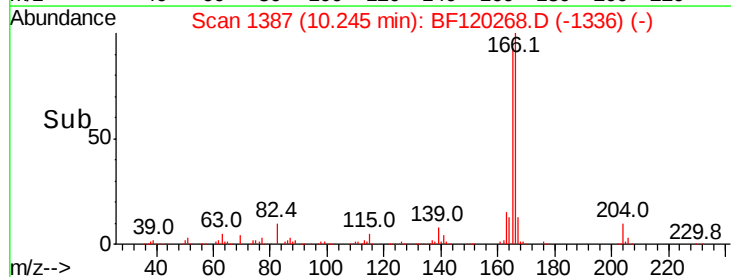
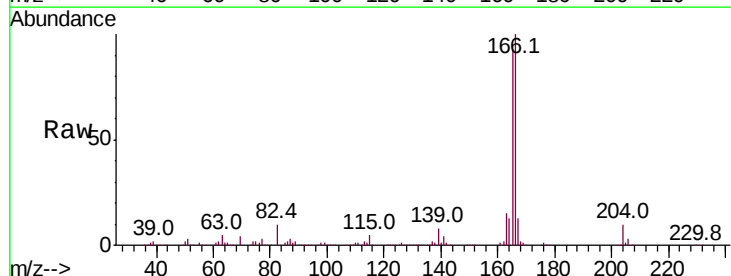
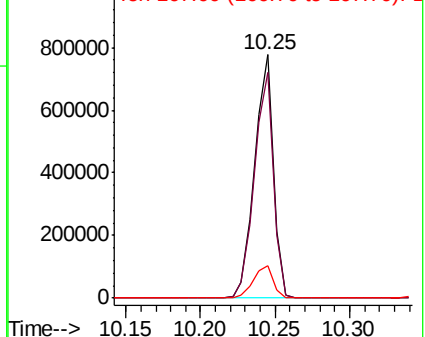
Acq: 1 May 2020 19:50

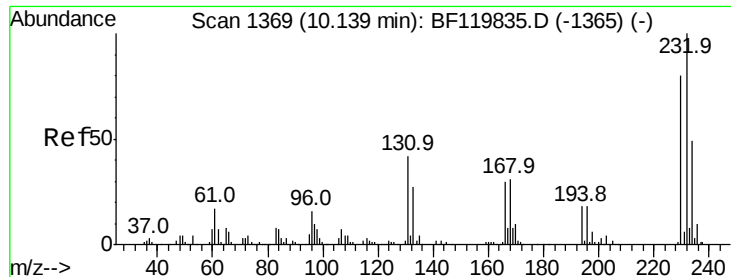
Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	92.9	75.4	113.2	
167	13.1	11.2	16.8	

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





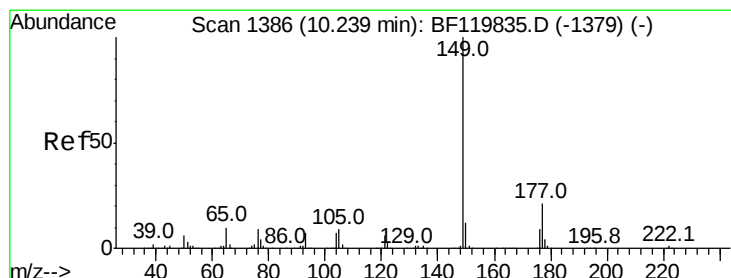
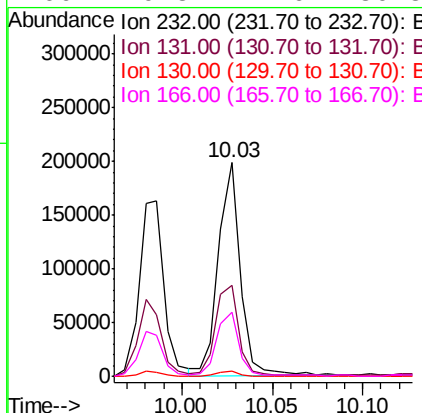
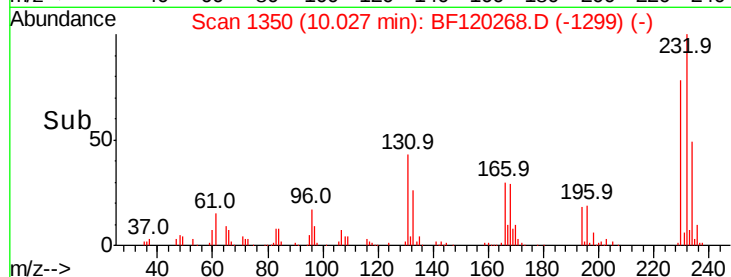
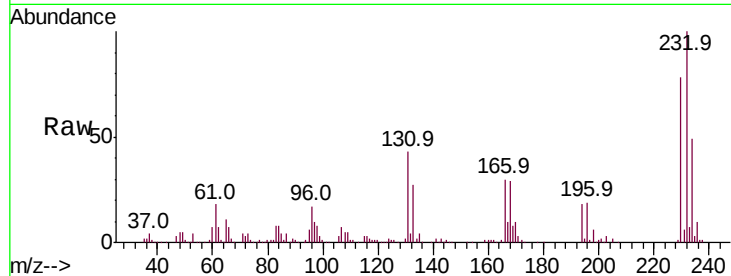
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.534 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF120268.D
 Acq: 1 May 2020 19:50

Instrument :
 BNA_F
 ClientSampleId :
 NB-04302020MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	167656		
131	45.6	37.5	56.3	
130	2.1	1.8	2.6	
166	29.8	24.6	36.8	

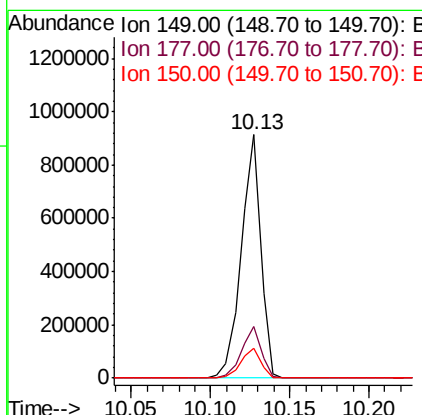
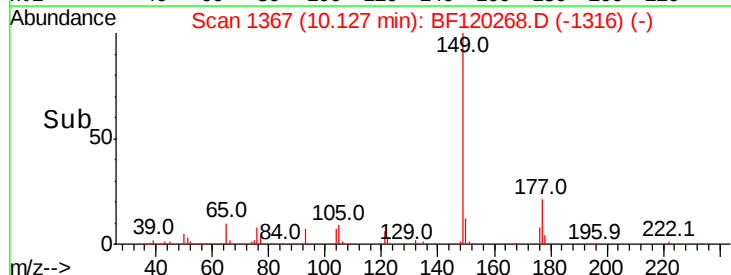
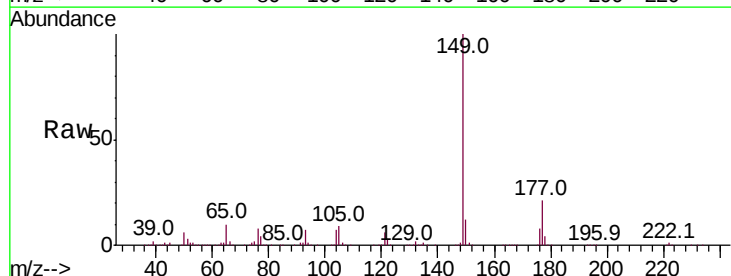
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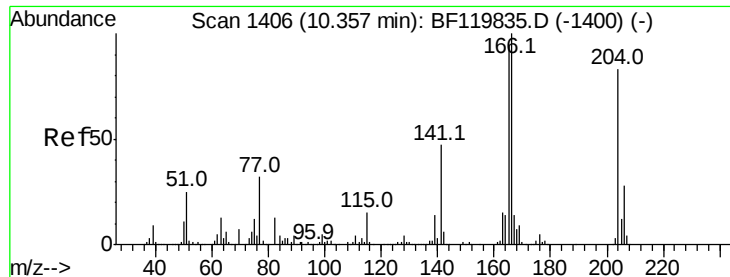
mohammad
 5/4/2020 3:45:22 PM



#60
 Diethylphthalate
 Concen: 49.412 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: BF120268.D
 Acq: 1 May 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	776312		
177	21.1	17.0	25.6	
150	12.1	10.1	15.1	





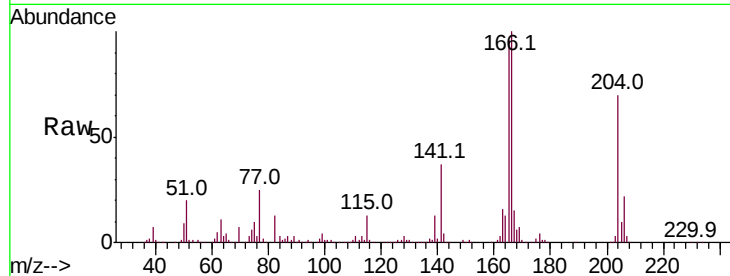
#61
4-Chlorophenyl-phenylether
Concen: 47.551 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Instrument :
BNA_F
ClientSampleId :
NB-04302020MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.7	40.1
141	53.2	47.3	70.9

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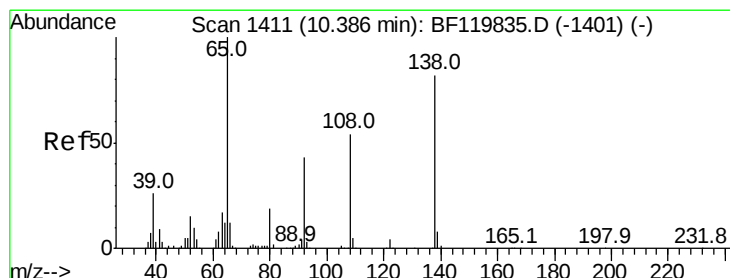
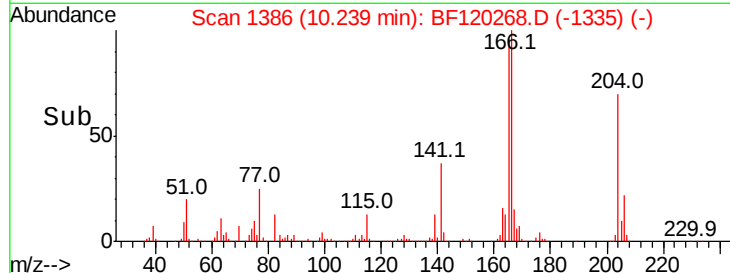
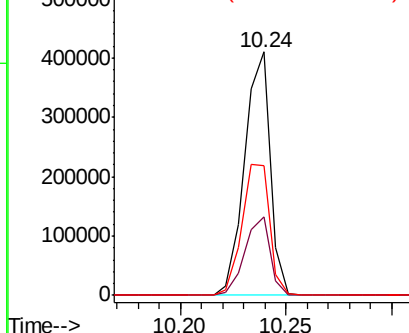


Abundance

Ion 204.00 (203.70 to 204.70): E

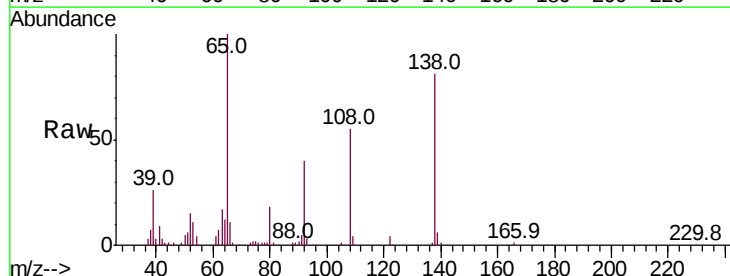
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.801 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.7	31.5	71.5
108	67.4	45.8	85.8

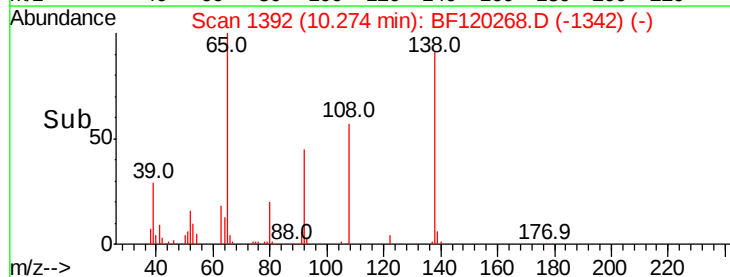
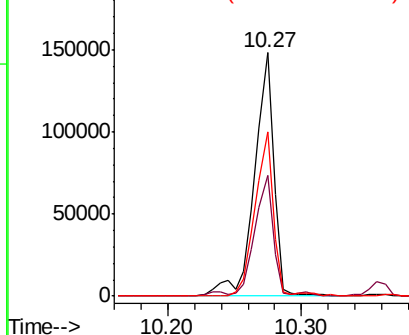


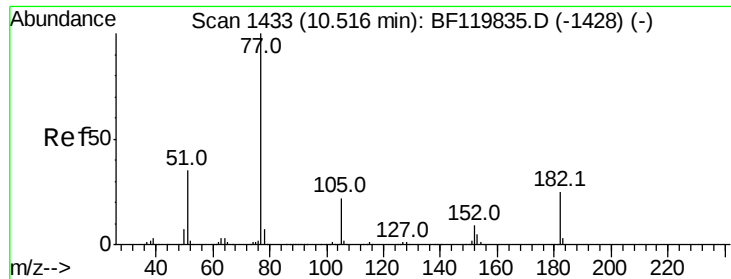
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





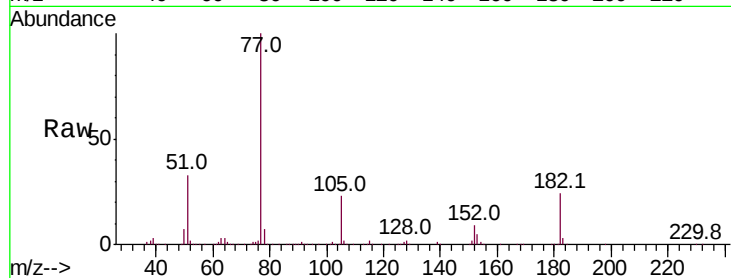
#63
Azobenzene
Concen: 49.507 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Instrument :
BNA_F
ClientSampleId :
NB-04302020MSD

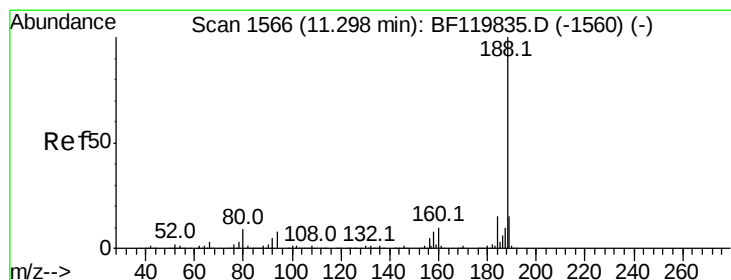
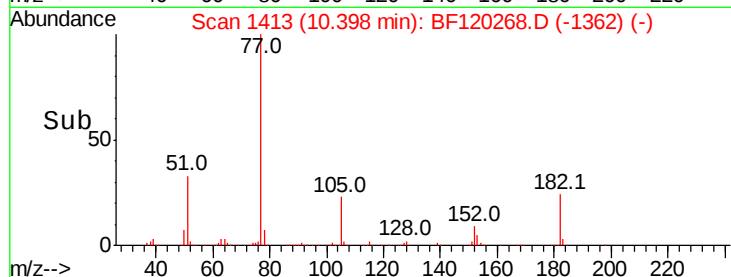
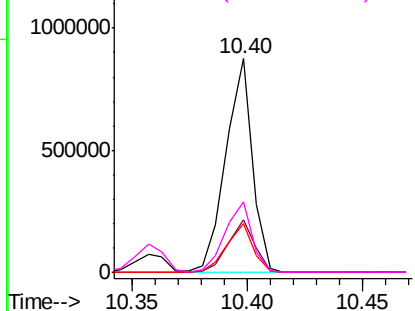
Tot Ion	Ratio	Lower	Upper
77	100		
182	24.5	4.4	44.4
105	22.8	2.6	42.6
51	33.2	15.1	55.1

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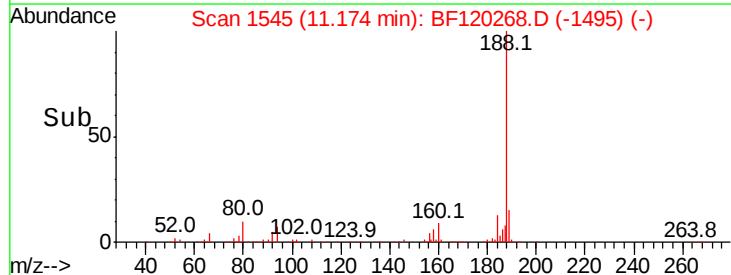
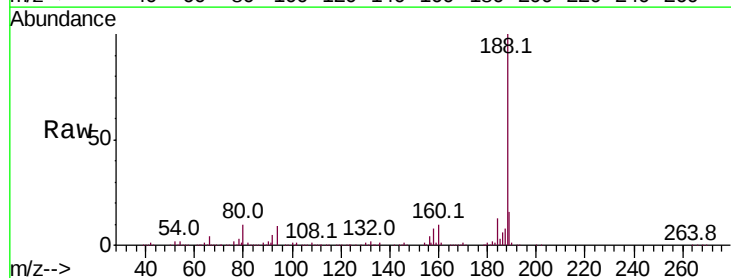
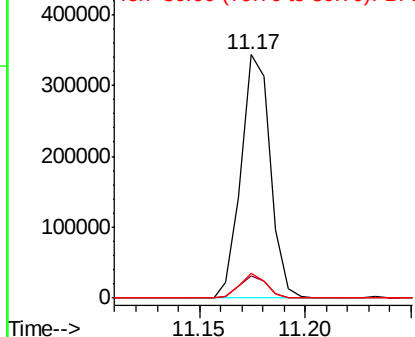
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

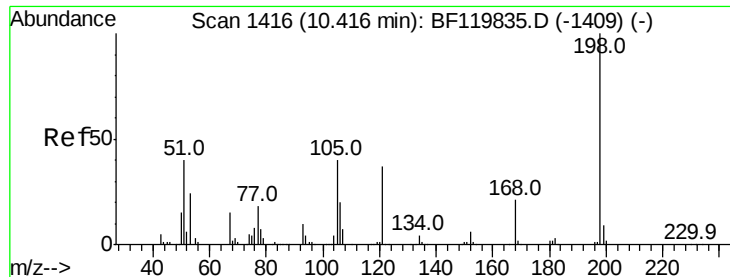


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.5	11.3
80	10.0	9.0	13.4

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





#65

4,6-Dinitro-2-methylphenol

Concen: 34.667 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF120268.D

Acq: 1 May 2020 19:50

Instrument :

BNA_F

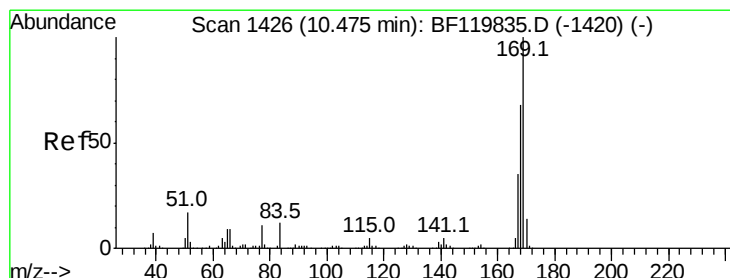
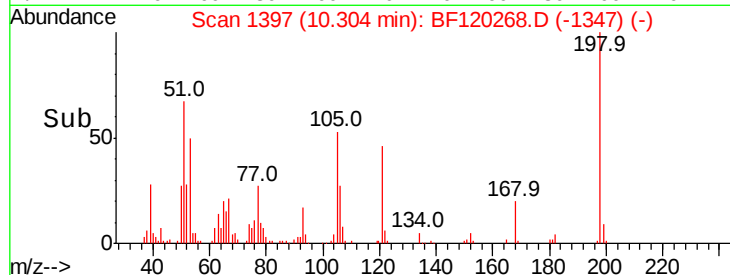
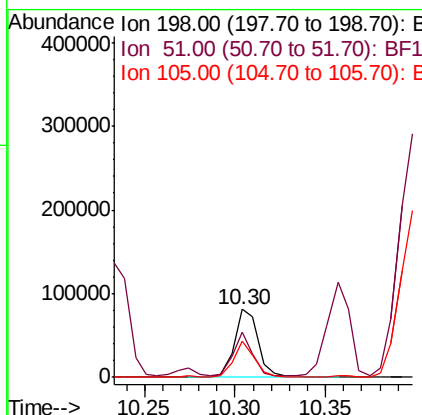
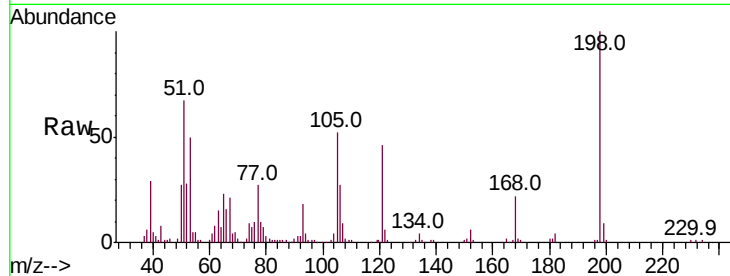
ClientSampleId :

NB-04302020MSD

Tot Ion:198	Resp:	75237
Ion Ratio	Lower	Upper
198 100		
51 66.9	29.0	69.0
105 52.4	22.2	62.2

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#66

n-Nitrosodiphenylamine

Concen: 57.151 ng

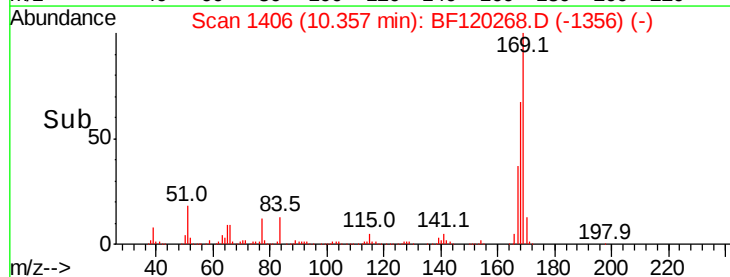
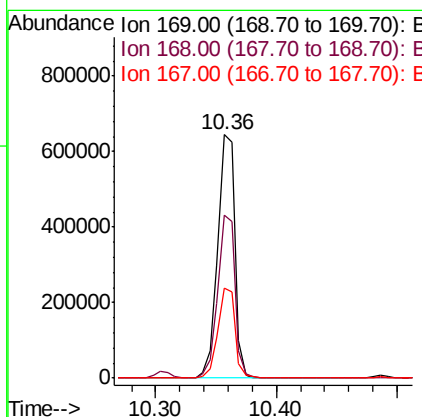
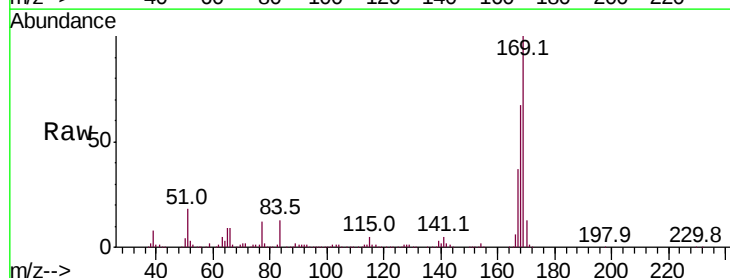
RT: 10.36 min Scan# 1406

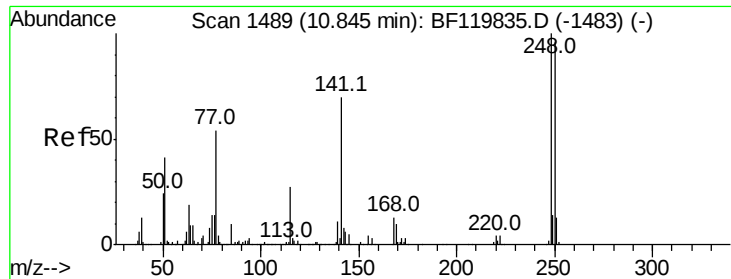
Delta R.T. -0.01 min

Lab File: BF120268.D

Acq: 1 May 2020 19:50

Tgt Ion:169	Resp:	626125
Ion Ratio	Lower	Upper
169 100		
168 66.9	53.2	79.8
167 37.0	29.1	43.7





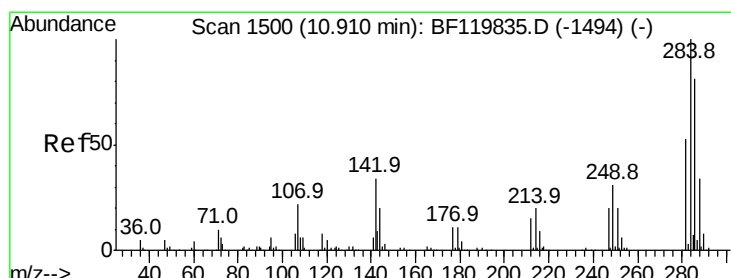
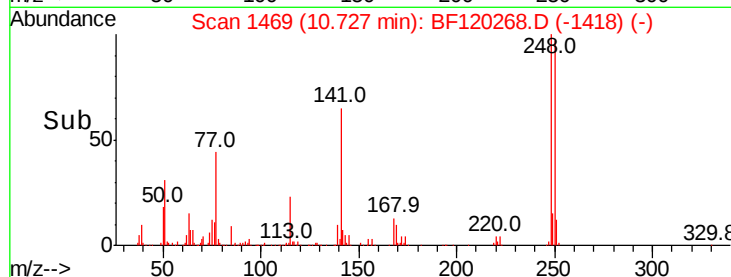
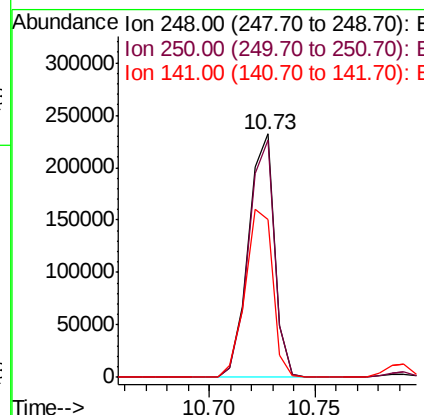
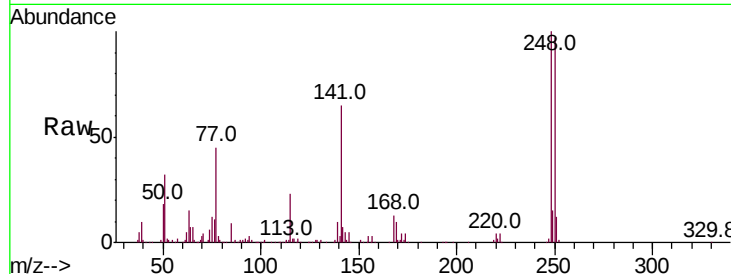
#67
4-Bromophenyl-phenylether
Concen: 48.505 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.00 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Instrument :
BNA_F
ClientSampleId :
NB-04302020MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.3	115.9
141	64.7	58.6	87.8

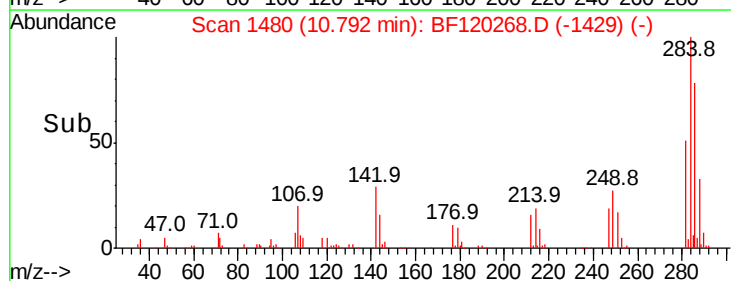
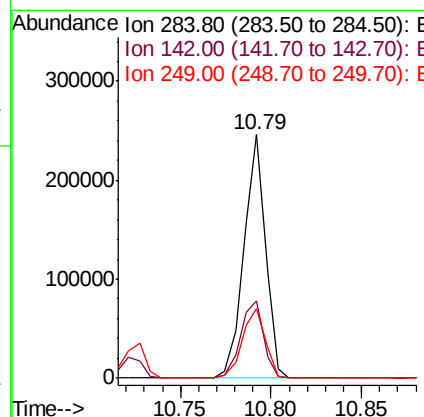
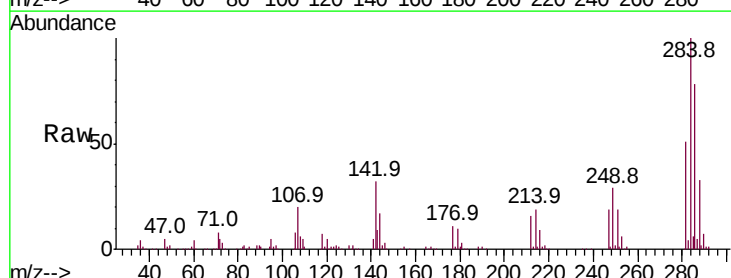
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#68
Hexachlorobenzene
Concen: 48.674 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.8	29.2	43.8
249	28.6	25.1	37.7





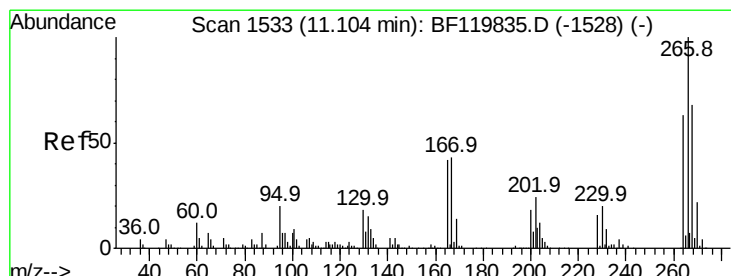
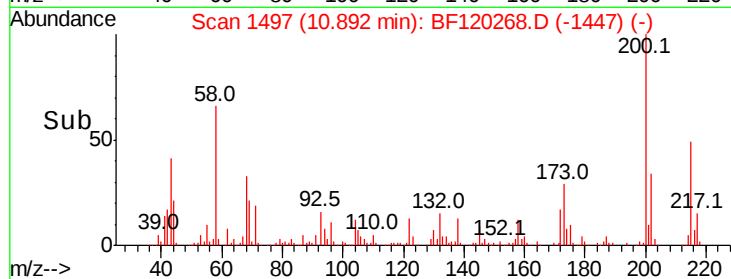
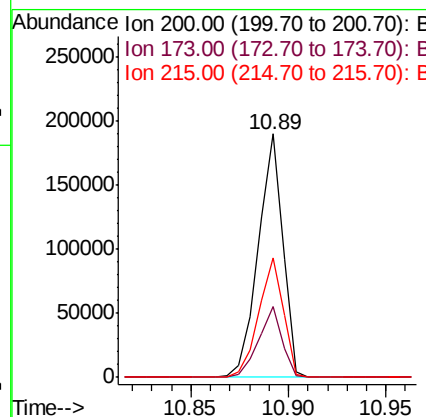
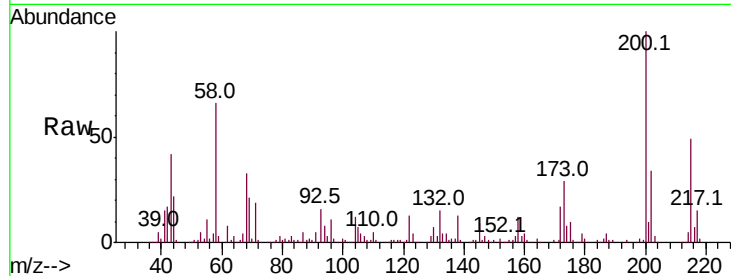
#69
Atrazine
Concen: 54.525 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Instrument :
BNA_F
ClientSampleId :
NB-04302020MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	166201		
173	29.1	9.3	49.3	
215	48.8	29.5	69.5	

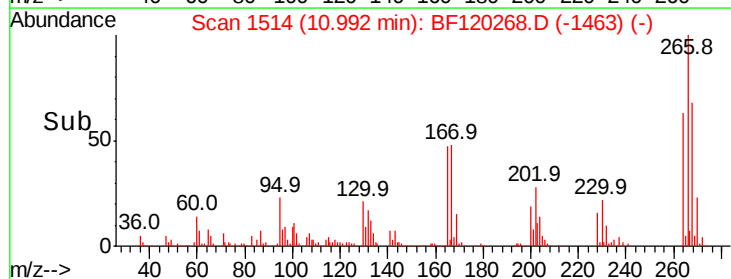
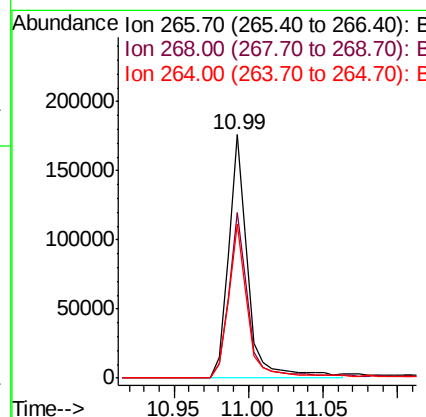
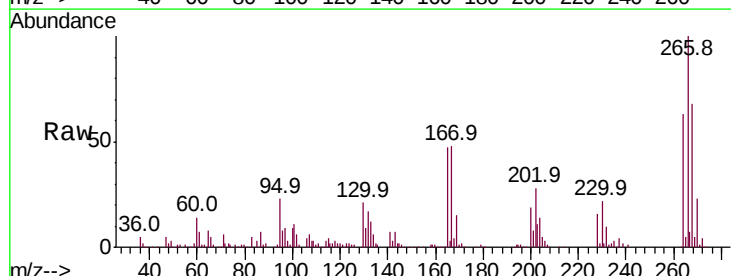
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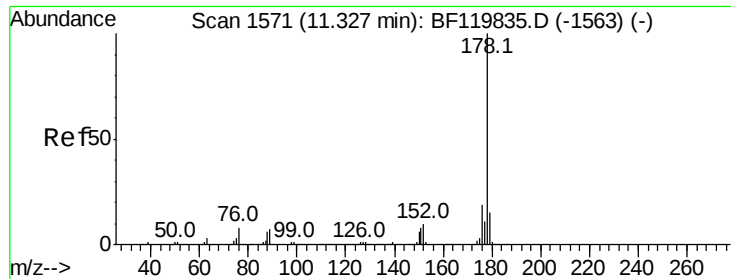
mohammad
5/4/2020 3:45:22 PM



#70
Pentachlorophenol
Concen: 67.998 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	162852		
268	68.1	53.3	79.9	
264	63.4	49.0	73.4	





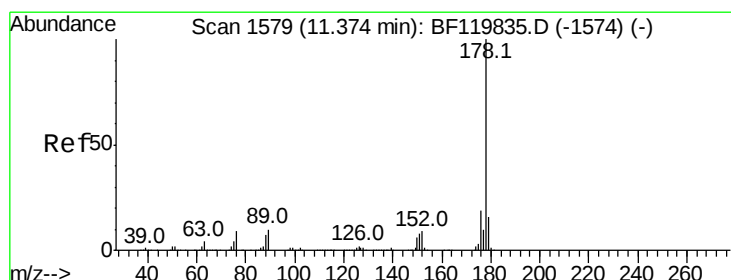
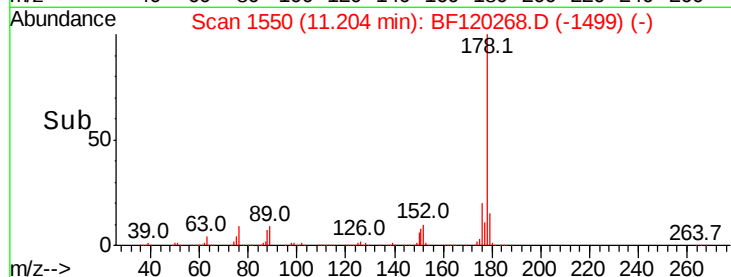
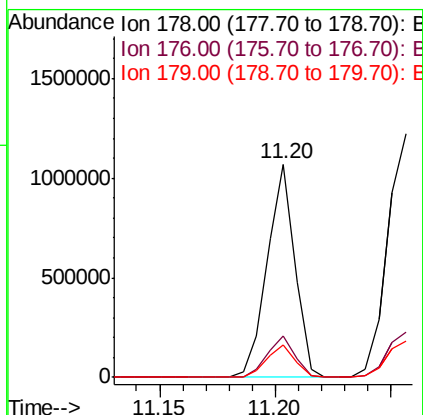
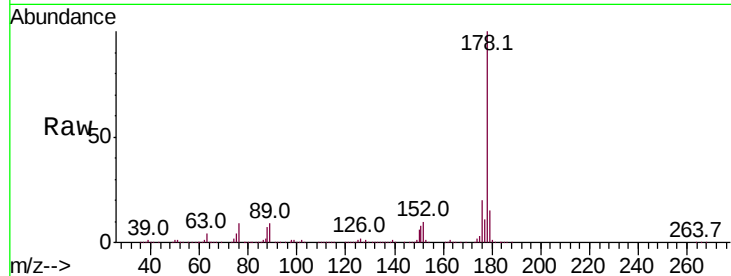
#71
Phenanthrene
Concen: 50.890 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Instrument :
BNA_F
ClientSampleId :
NB-04302020MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	15.2	13.2	19.8

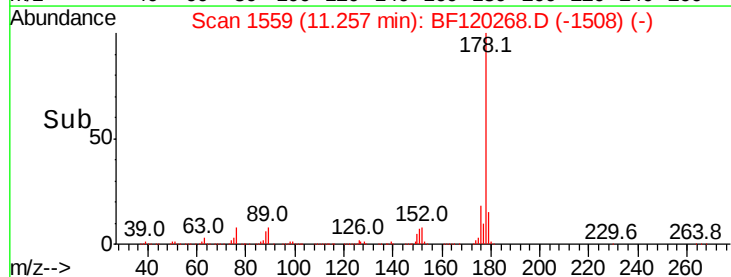
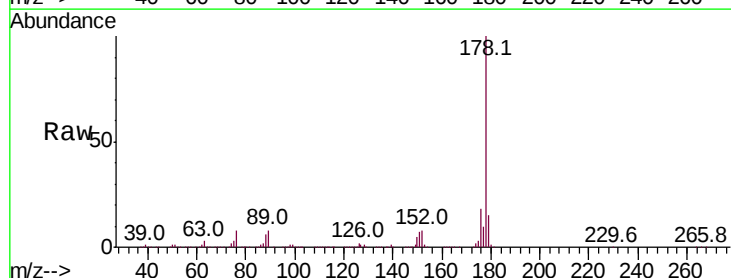
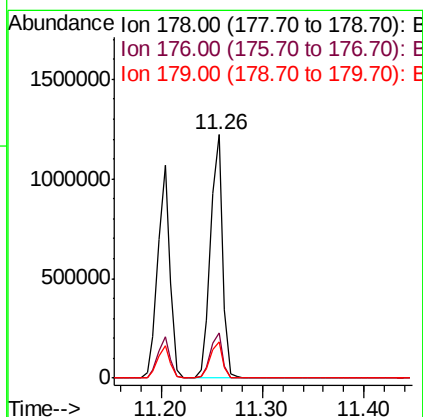
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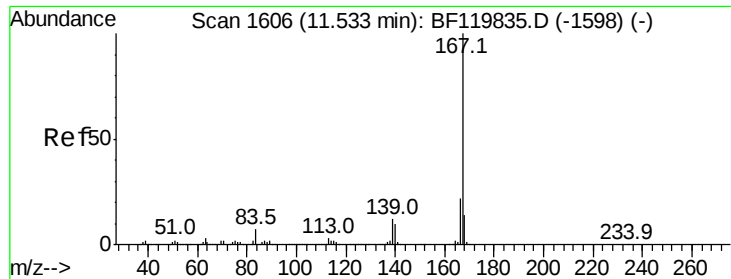
mohammad
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#72
Anthracene
Concen: 56.615 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.1	24.1
179	15.1	13.0	19.4





#73

Carbazole

Concen: 56.925 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF120268.D

Acq: 1 May 2020 19:50

Instrument :

BNA_F

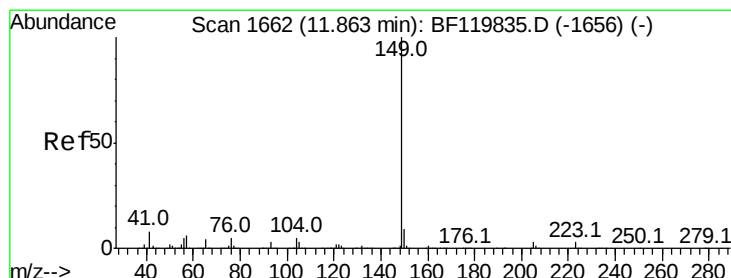
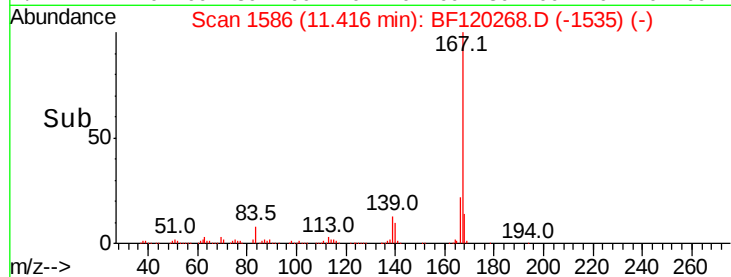
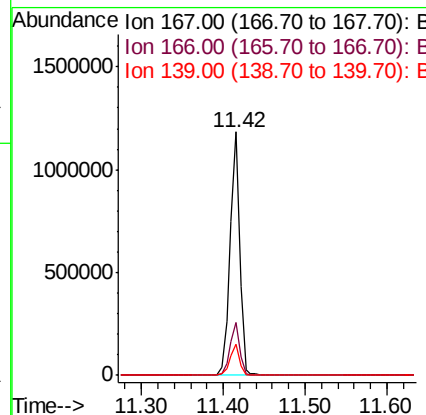
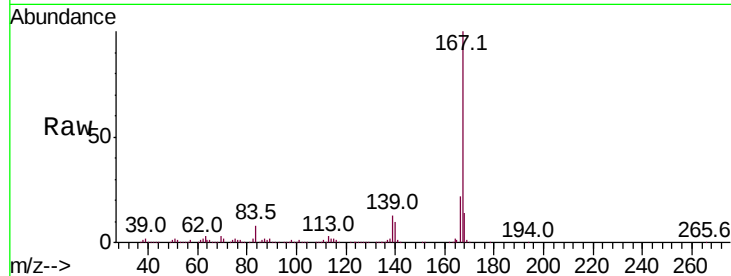
ClientSampleId :

NB-04302020MSD

Tot Ion:	167	Resp:	964151
Ion Ratio	Lower	Upper	
167	100		
166	21.8	18.2	27.4
139	12.7	10.7	16.1

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#74

Di-n-butylphthalate

Concen: 52.547 ng

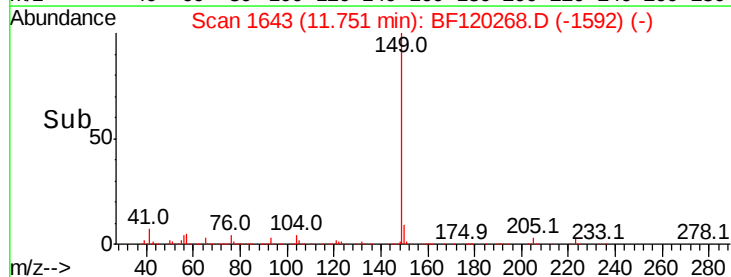
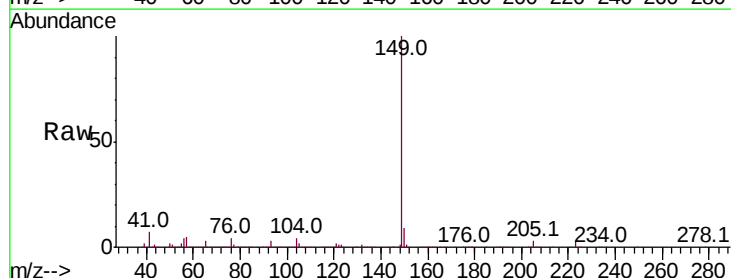
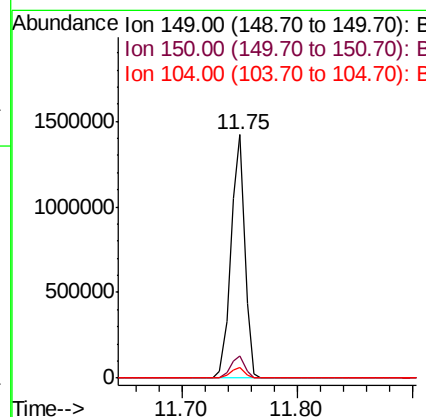
RT: 11.75 min Scan# 1643

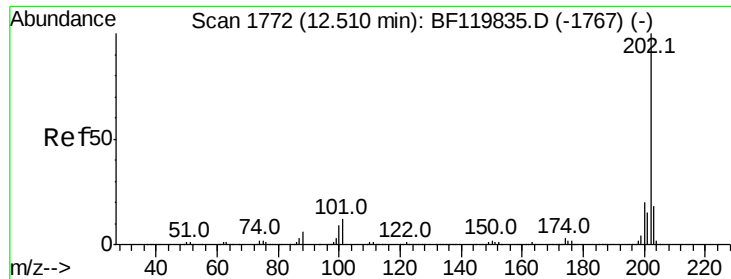
Delta R.T. 0.00 min

Lab File: BF120268.D

Acq: 1 May 2020 19:50

Tgt Ion:	149	Resp:	1169983
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.8
104	4.2	3.6	5.4





#75

Fluoranthene

Concen: 47.469 ng

RT: 12.39 min Scan# 1752

Delta R.T. 0.00 min

Lab File: BF120268.D

Acq: 1 May 2020 19:50

Instrument :

BNA_F

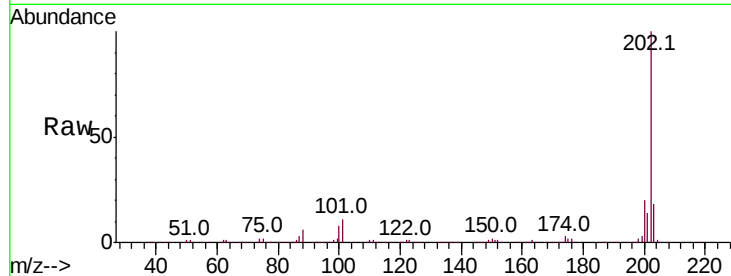
ClientSampleId :

NB-04302020MSD

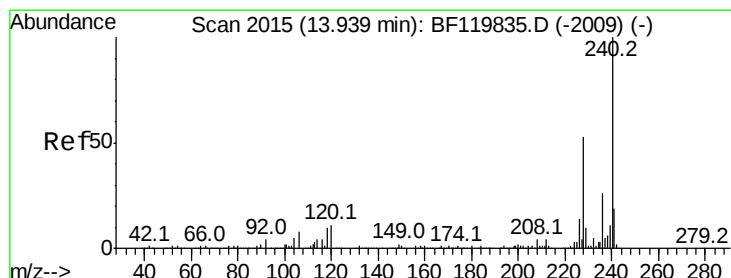
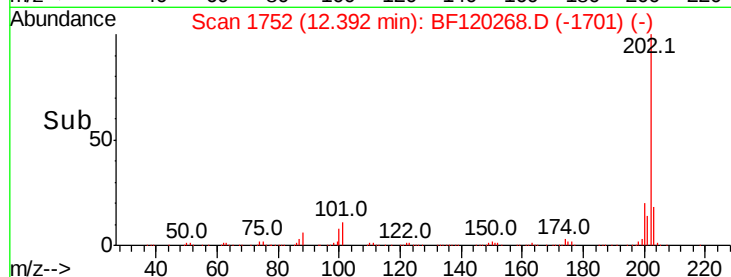
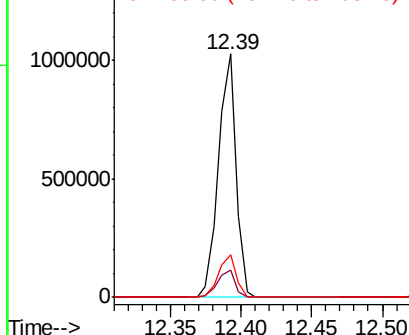
Tot Ion	Ratio	Resp	Lower	Upper
202	100	897959		
101	11.0	0.0	32.2	
203	17.8	0.0	38.8	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

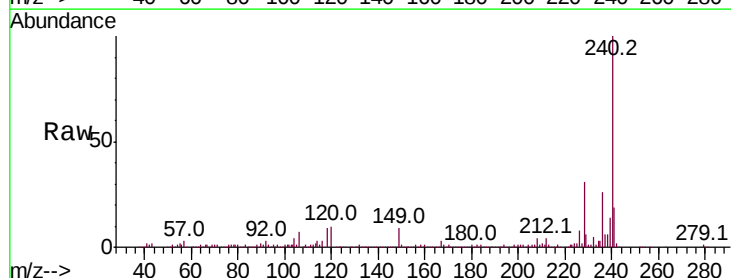
RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

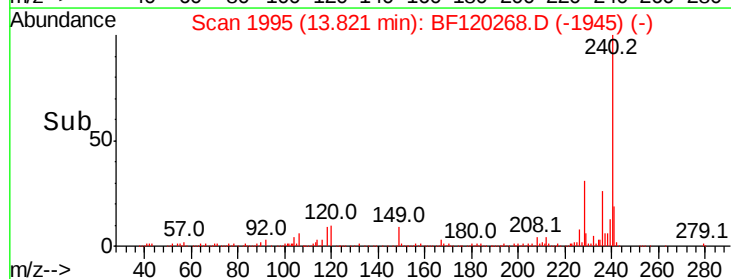
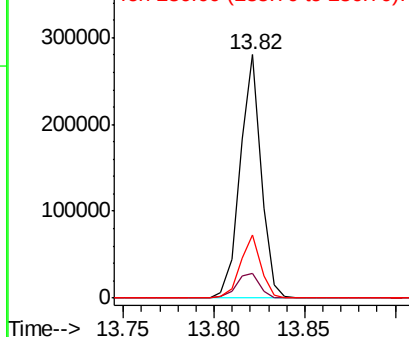
Lab File: BF120268.D

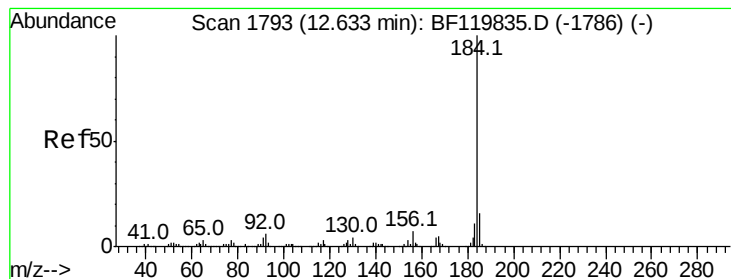
Acq: 1 May 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	224957		
120	10.1	10.6	15.8#	
236	25.8	20.2	30.2	



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 83.748 ng

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF120268.D

Acq: 1 May 2020 19:50

Instrument :

BNA_F

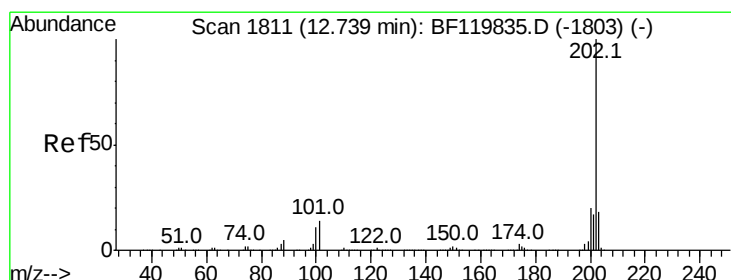
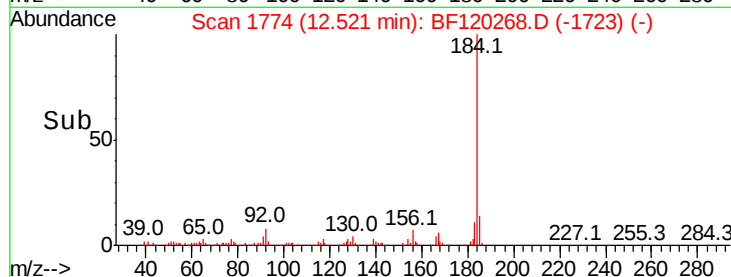
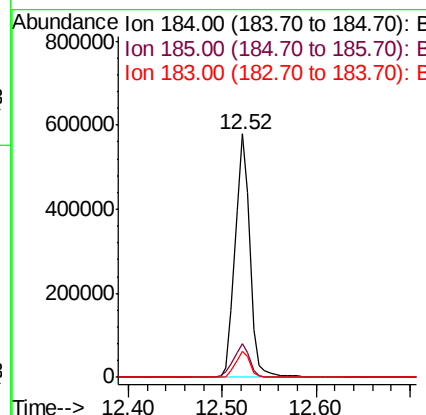
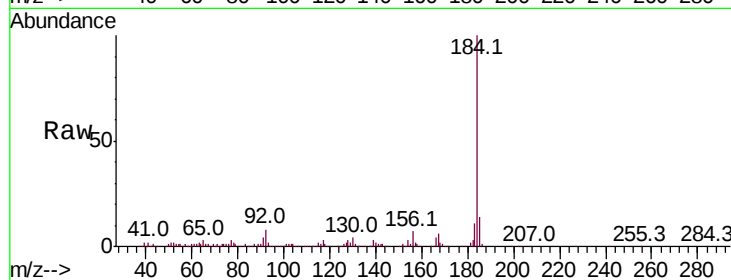
ClientSampleId :

NB-04302020MSD

Tot Ion:	184	Resp:	636838
Ion Ratio	Lower	Upper	
184	100		
185	14.0	12.3	18.5
183	10.9	9.0	13.6

Manual Integrations
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#78

Pyrene

Concen: 47.797 ng

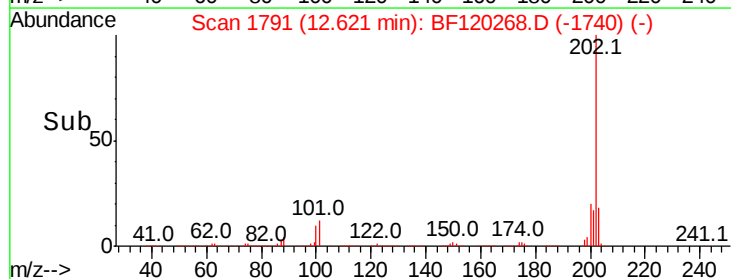
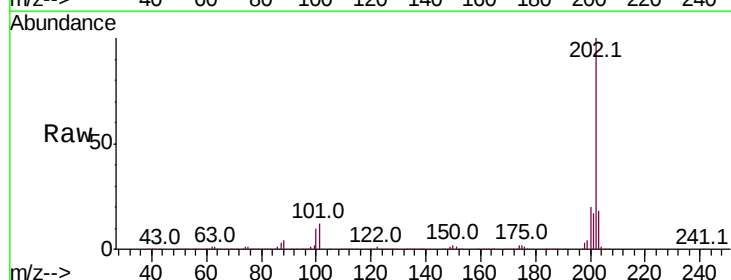
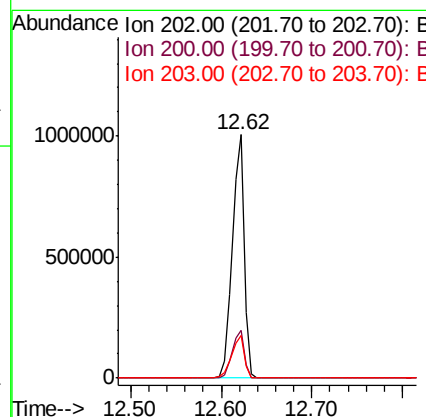
RT: 12.62 min Scan# 1791

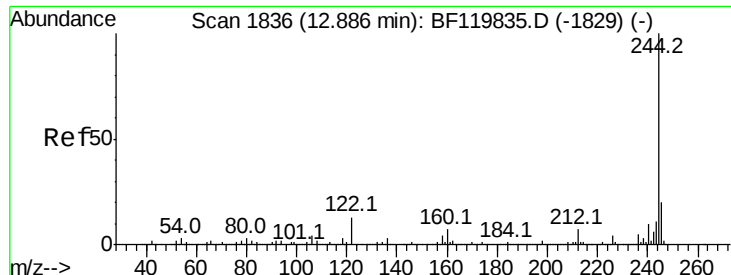
Delta R.T. 0.00 min

Lab File: BF120268.D

Acq: 1 May 2020 19:50

Tgt Ion:	202	Resp:	906436
Ion Ratio	Lower	Upper	
202	100		
200	19.9	16.8	25.2
203	17.6	15.1	22.7





#79

Terphenyl-d14

Concen: 80.957 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF120268.D

Acq: 1 May 2020 19:50

Instrument :

BNA_F

ClientSampleId :

NB-04302020MSD

Tot Ion:244 Resp: 1082330

Ion Ratio Lower Upper

244 100

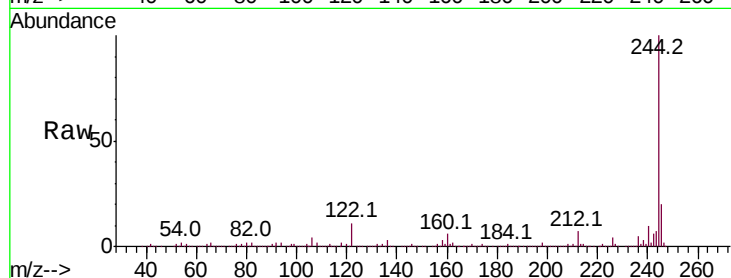
212 6.5 5.8 8.8

122 11.0 10.3 15.5

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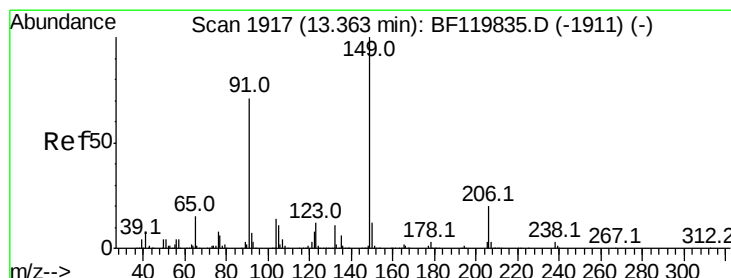
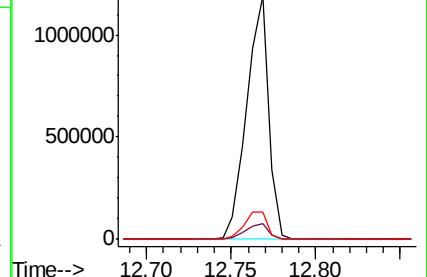
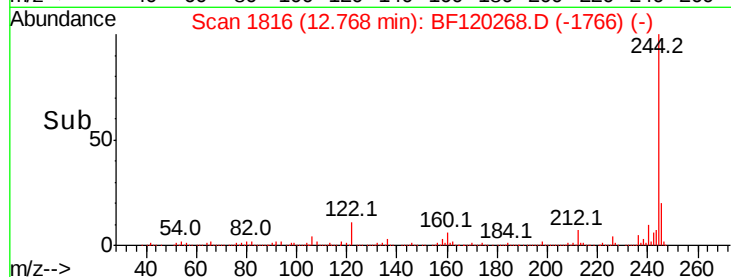
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.858 ng

RT: 13.24 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BF120268.D

Acq: 1 May 2020 19:50

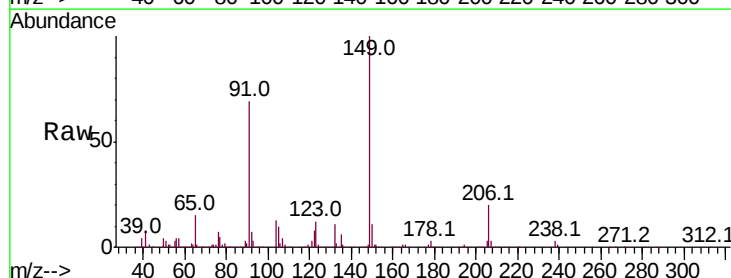
Tgt Ion:149 Resp: 431194

Ion Ratio Lower Upper

149 100

91 68.9 54.7 82.1

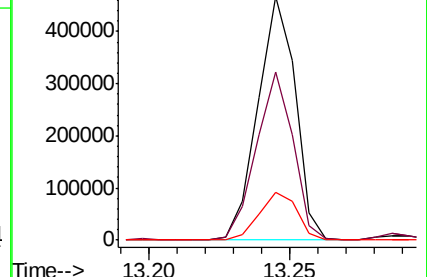
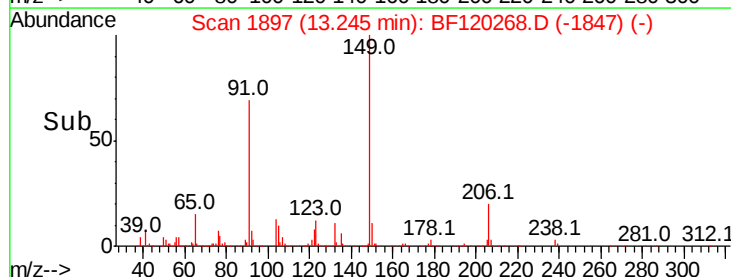
206 19.8 16.2 24.2



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





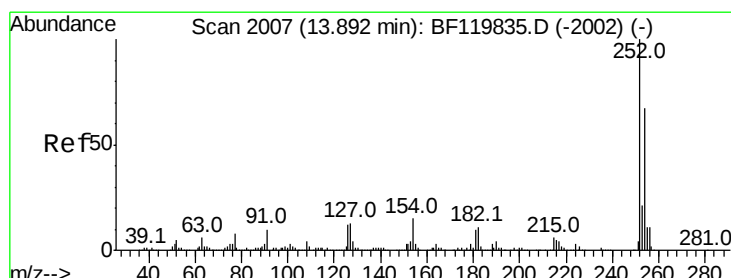
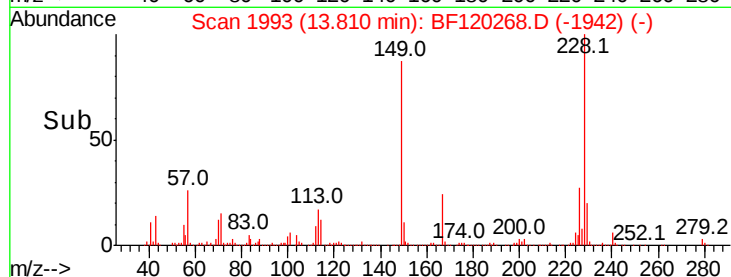
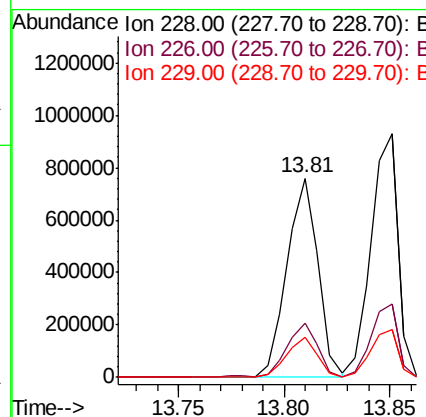
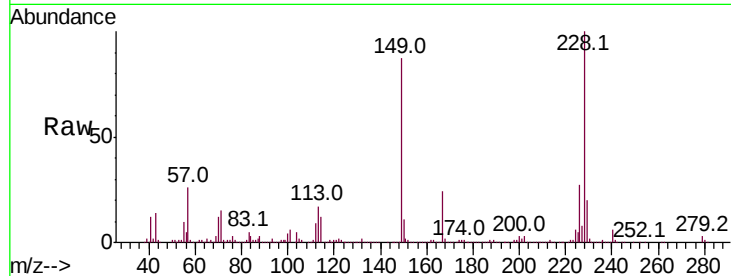
#81
Benzo(a)anthracene
Concen: 52.713 ng
RT: 13.81 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Instrument :
BNA_F
ClientSampleId :
NB-04302020MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.8
229	20.3	16.2	24.4

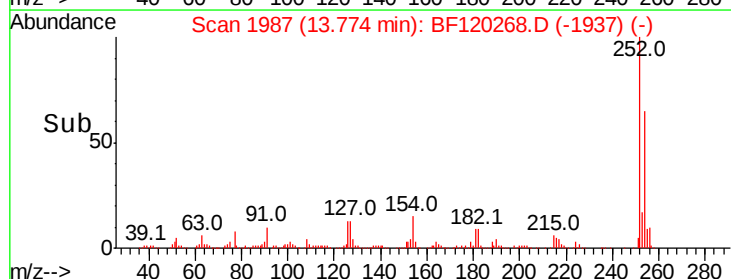
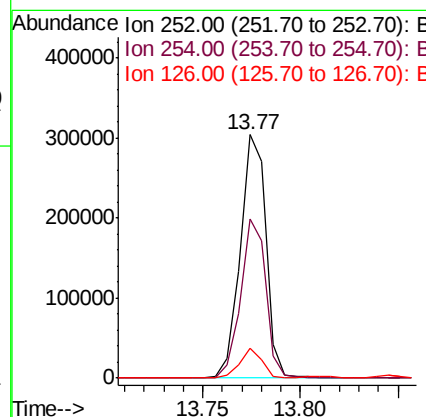
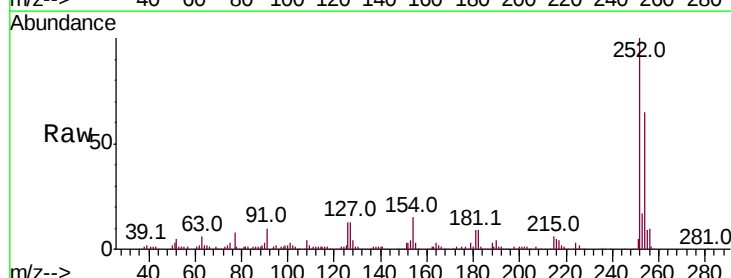
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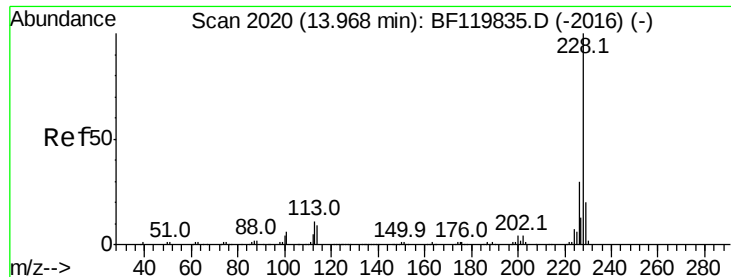
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 50.221 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.2	76.8
126	12.5	9.6	14.4





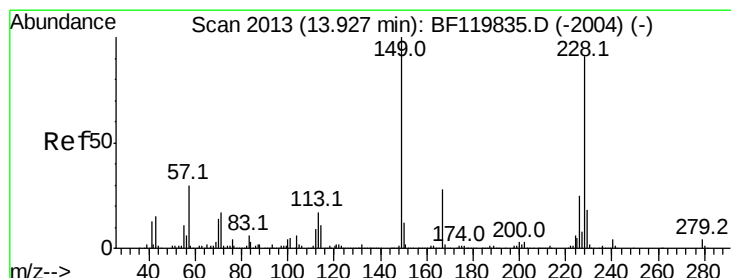
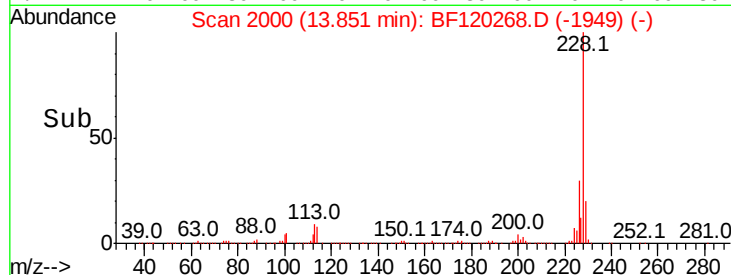
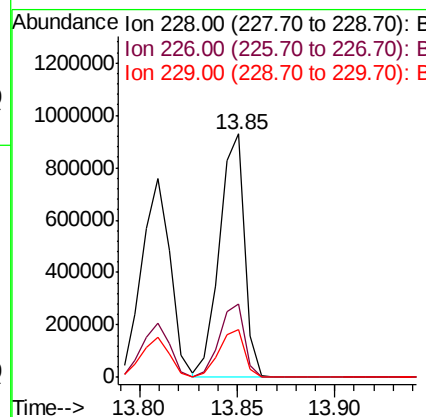
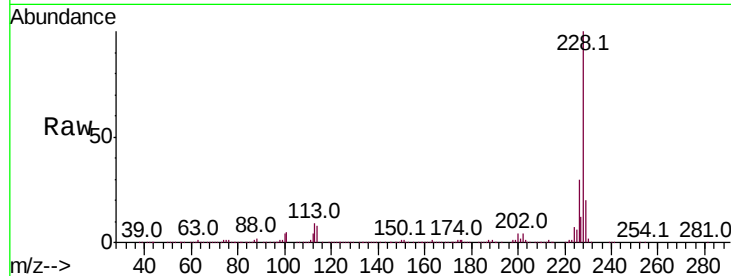
#83
 Chrysene
 Concen: 55.362 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BF120268.D
 Acq: 1 May 2020 19:50

Instrument :
 BNA_F
 ClientSampleId :
 NB-04302020MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.4	38.0
229	19.6	16.6	24.8

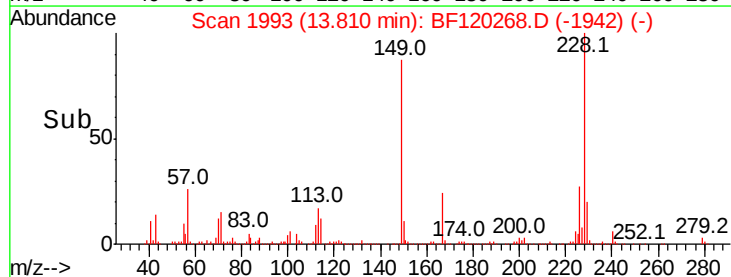
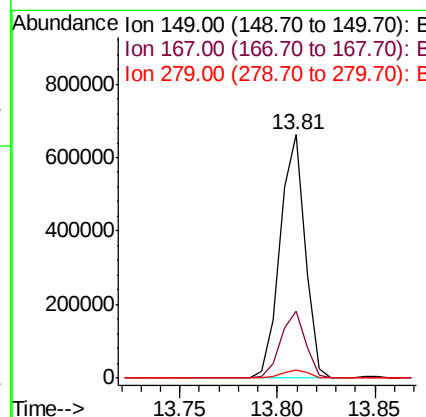
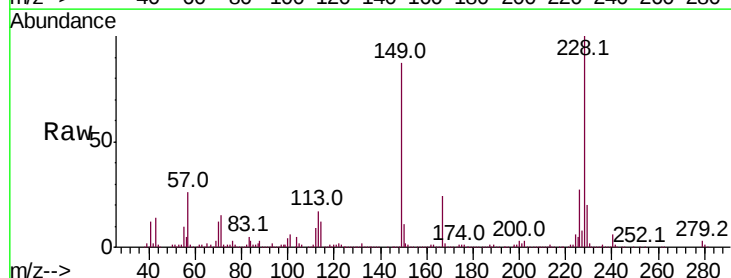
Manual Integrations
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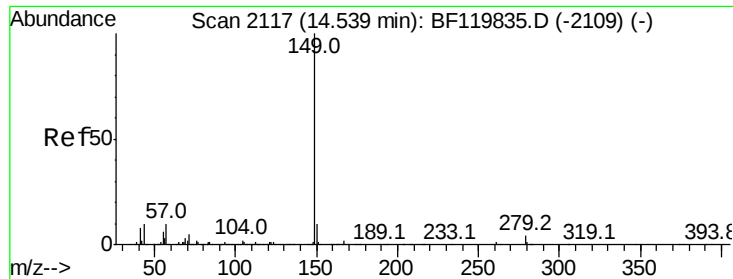
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.187 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. 0.00 min
 Lab File: BF120268.D
 Acq: 1 May 2020 19:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.3	31.9
279	3.5	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 47.973 ng

RT: 14.42 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BF120268.D

Acq: 1 May 2020 19:50

Instrument :

BNA_F

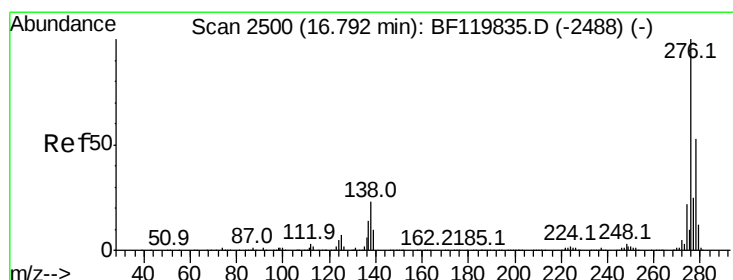
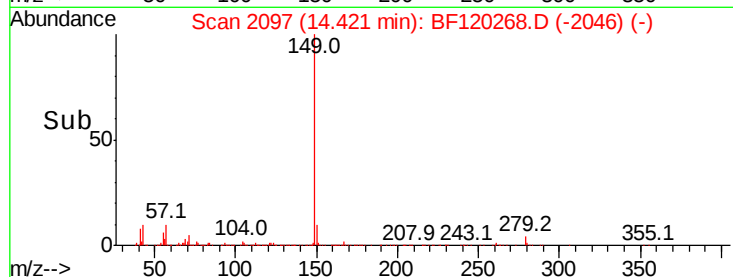
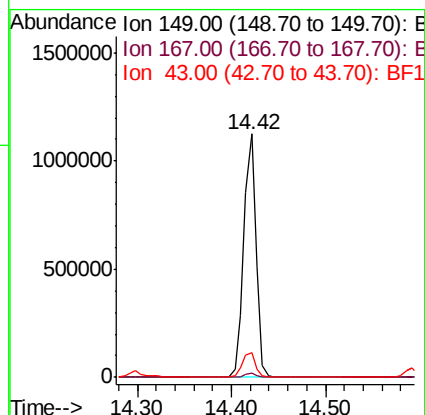
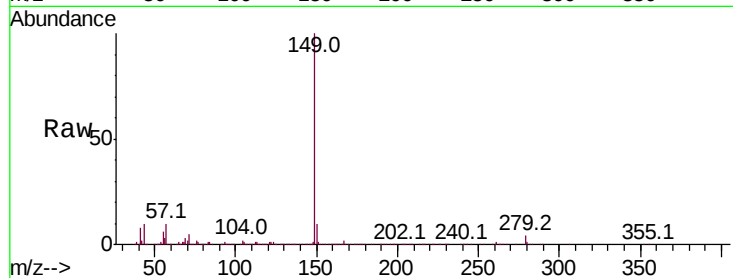
ClientSampleId :

NB-04302020MSD

Tot Ion:	149	Resp:	1017890
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	10.6	9.3	13.9

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#86

Indeno(1,2,3-cd)pyrene

Concen: 69.348 ng

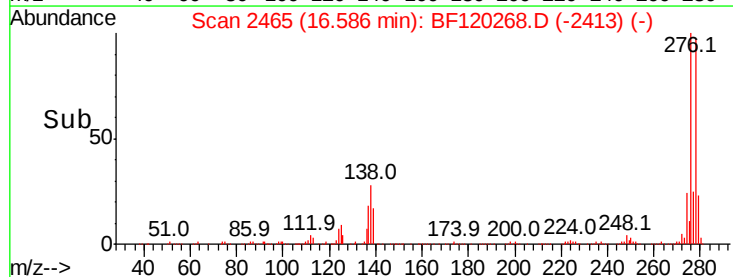
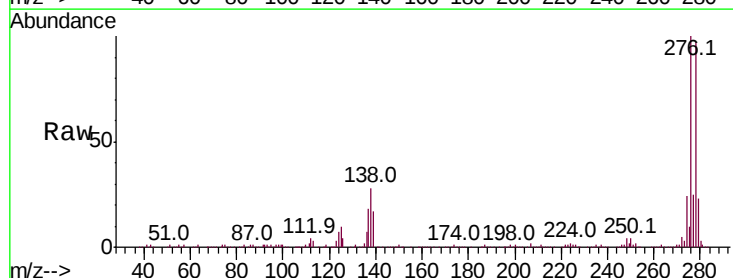
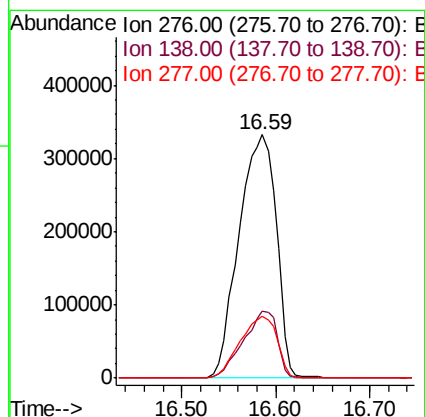
RT: 16.59 min Scan# 2465

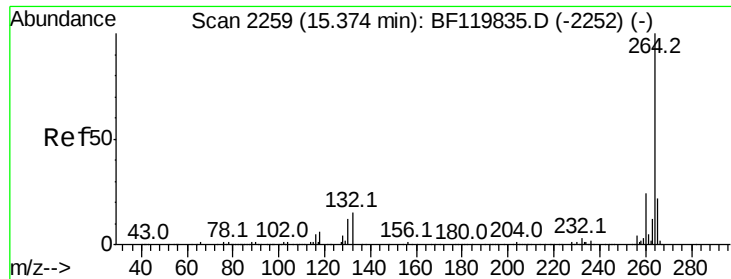
Delta R.T. 0.01 min

Lab File: BF120268.D

Acq: 1 May 2020 19:50

Tgt Ion:	276	Resp:	919215
Ion Ratio	Lower	Upper	
276	100		
138	24.9	19.6	29.4
277	25.1	20.0	30.0





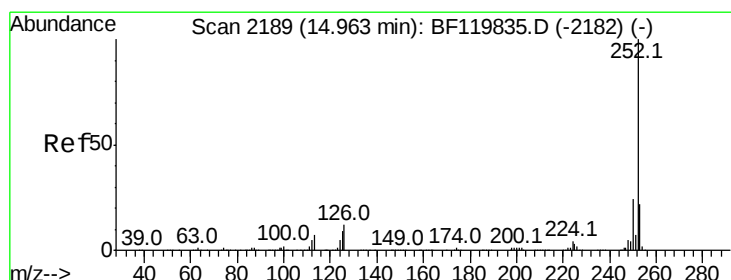
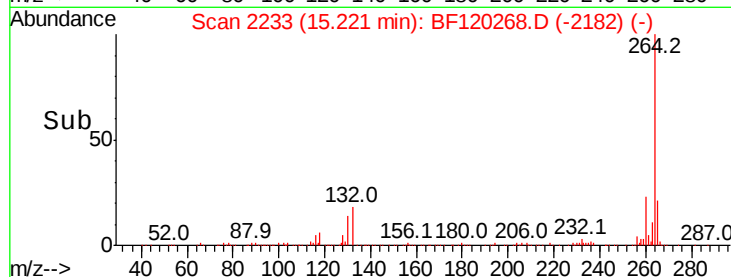
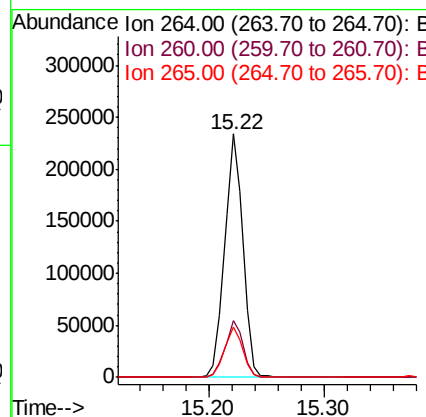
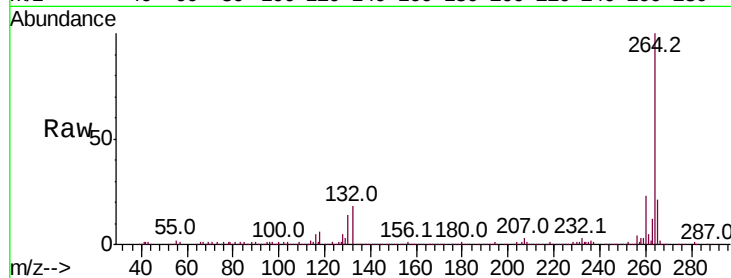
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Instrument :
BNA_F
ClientSampleId :
NB-04302020MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	20.7	17.7	26.5

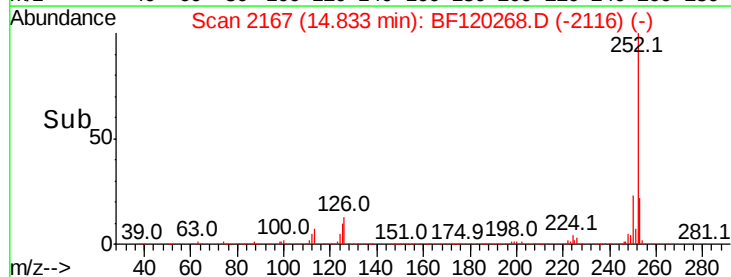
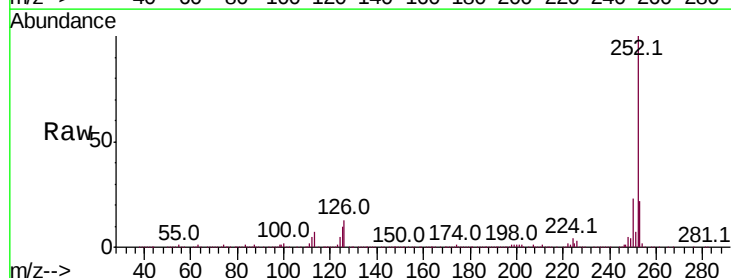
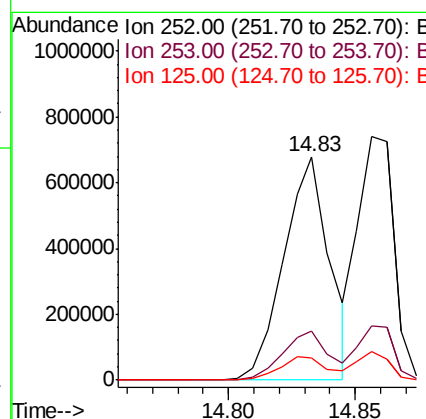
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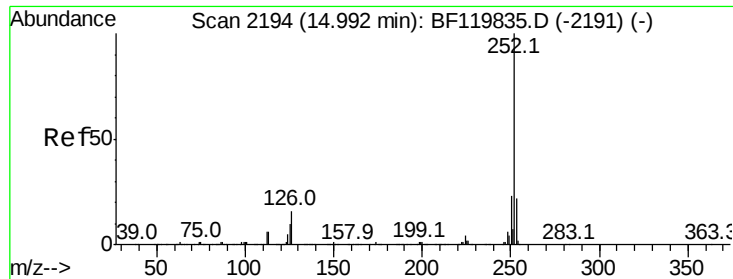
mohammad
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#88
Benzo(b)fluoranthene
Concen: 46.229 ng
RT: 14.83 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	10.2	7.9	11.9





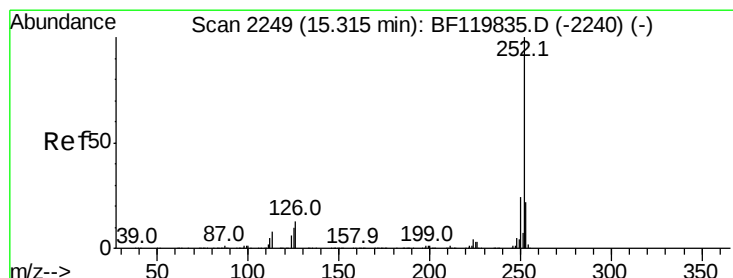
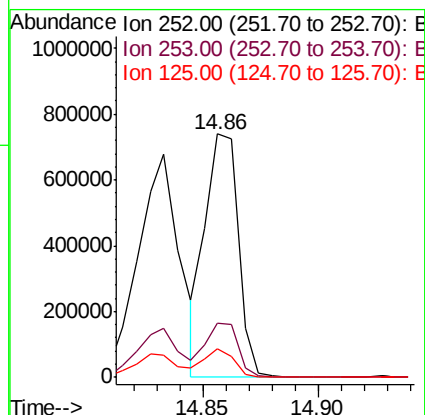
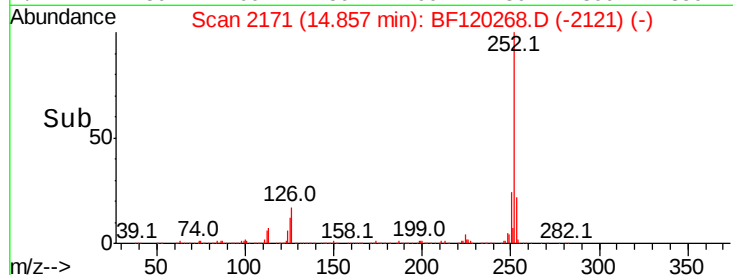
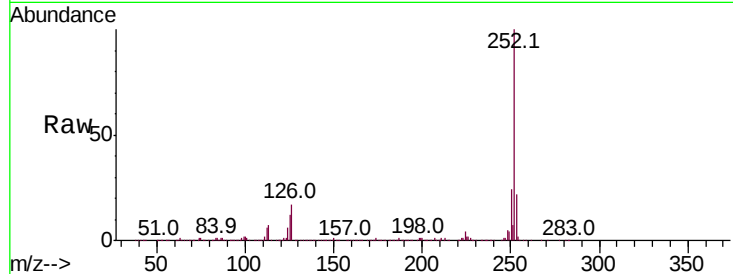
#89
Benzo(k)fluoranthene
Concen: 46.193 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Instrument :
BNA_F
ClientSampleId :
NB-04302020MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	11.6	8.4	12.6

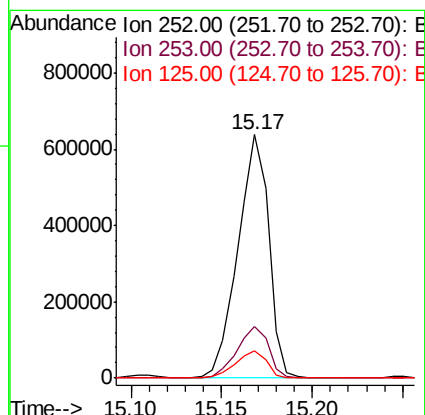
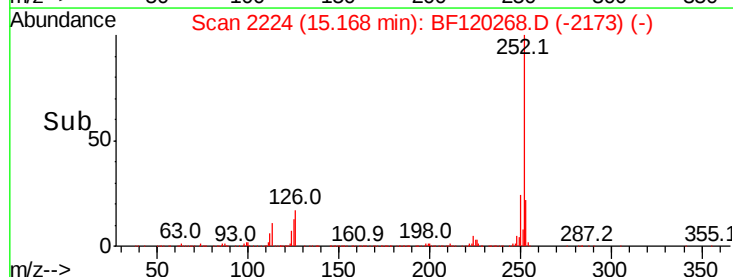
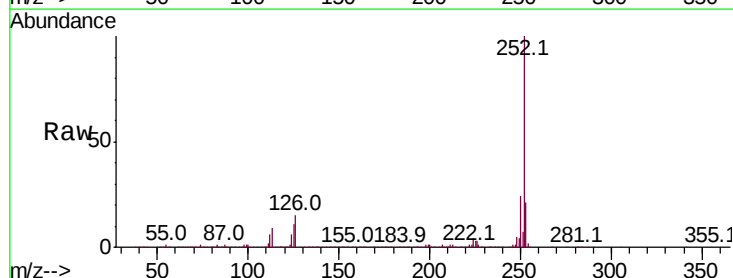
Manual Integrations
APPROVED

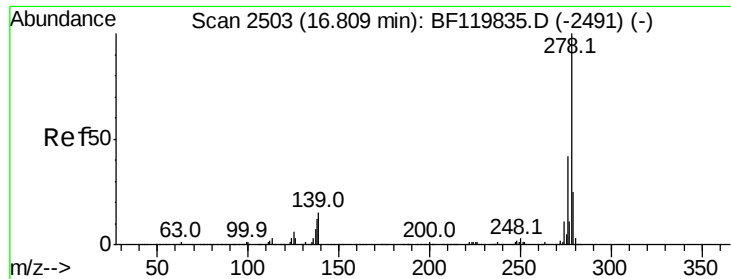
mohammad
5/4/2020 3:45:22 PM



#90
Benzo(a)pyrene
Concen: 48.535 ng
RT: 15.17 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BF120268.D
Acq: 1 May 2020 19:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.2
125	11.3	9.4	14.2





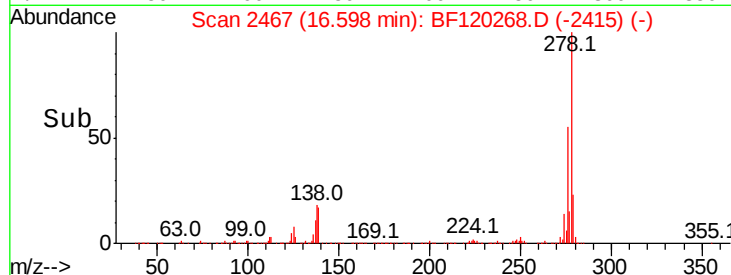
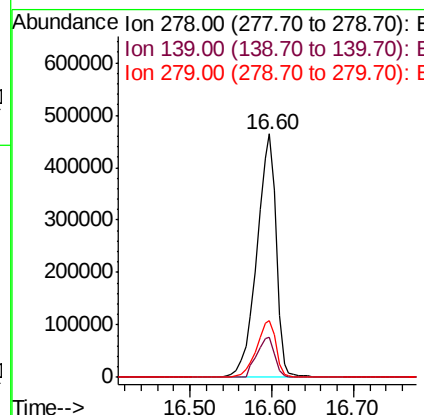
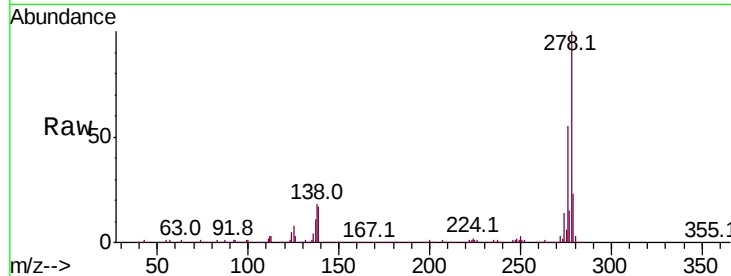
#91
 Dibenzo(a,h)anthracene
 Concen: 55.770 ng
 RT: 16.60 min Scan# 2467
 Delta R.T. 0.01 min
 Lab File: BF120268.D
 Acq: 1 May 2020 19:50

Instrument :
 BNA_F
 ClientSampleId :
 NB-04302020MSD

Tot Ion:	278	Resp:	765054
Ion Ratio	Lower	Upper	
278	100		
139	16.7	12.6	19.0
279	23.3	19.0	28.6

Manual Integrations
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#92
 Benzo(g,h,i)perylene
 Concen: 54.599 ng
 RT: 16.99 min Scan# 2534
 Delta R.T. 0.01 min
 Lab File: BF120268.D
 Acq: 1 May 2020 19:50

Tgt Ion:	276	Resp:	739322
Ion Ratio	Lower	Upper	
276	100		
277	24.1	18.4	27.6
138	21.3	15.4	23.0

