

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
 Data File : BF120267.D
 Acq On : 1 May 2020 19:22
 Operator : MA/SJ
 Sample : L2454-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-04302020MS

Manual Integrations
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 5/4/2020 3:45:20 PM

Quant Time: May 12 08:17:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 15:26:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	123020	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	405711	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	208551	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	297223	20.00	ng	0.00
76) Chrysene-d12	13.82	240	210149	20.00	ng	0.00
87) Perylene-d12	15.22	264	242313	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	669285	94.02	ng	0.00
7) Phenol-d6	6.31	99	757507	82.58	ng	0.00
23) Nitrobenzene-d5	7.22	82	556601	70.97	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	182298	71.39	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	1101856	75.01	ng	0.00
79) Terphenyl-d14	12.76	244	803351	64.32	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	114373	36.073	ng	97
3) Pyridine	2.96	79	349637	40.193	ng	94
4) n-Nitrosodimethylamine	2.92	42	218486	49.158	ng	99
6) Aniline	6.32	93	347896	28.897	ng	# 57
8) 2-Chlorophenol	6.45	128	407185	51.195	ng	94
9) Benzaldehyde	6.20	77	285857	56.429	ng	96
10) Phenol	6.32	94	462638	44.458	ng	88
11) bis(2-Chloroethyl)ether	6.39	93	403694	50.244	ng	98
12) 1,3-Dichlorobenzene	6.59	146	371035	42.610	ng	98
13) 1,4-Dichlorobenzene	6.67	146	427427	48.187	ng	99
14) 1,2-Dichlorobenzene	6.82	146	362280	44.318	ng	99
15) Benzyl Alcohol	6.80	79	315663	44.308	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.94	45	557175	35.636	ng	71
17) 2-Methylphenol	6.93	107	283839	39.989	ng	# 90
18) Hexachloroethane	7.16	117	166311	50.170	ng	93
19) n-Nitroso-di-n-propylamine	7.07	70	301543	51.123	ng	97
20) 3+4-Methylphenols	7.09	107	450518	51.897	ng	# 80
22) Acetophenone	7.07	105	600487	63.206	ng	# 97
24) Nitrobenzene	7.24	77	435193	55.164	ng	99
25) Isophorone	7.48	82	723987	47.890	ng	98
26) 2-Nitrophenol	7.56	139	187042	47.456	ng	96
27) 2,4-Dimethylphenol	7.61	122	295626	49.732	ng	97
28) bis(2-Chloroethoxy)methane	7.70	93	506653	56.954	ng	100
29) 2,4-Dichlorophenol	7.81	162	292780	48.051	ng	97
30) 1,2,4-Trichlorobenzene	7.88	180	312329	45.239	ng	99
31) Naphthalene	7.96	128	1061968	49.751	ng	98
32) Benzoic acid	7.76	122	226341	43.355	ng	97
33) 4-Chloroaniline	8.02	127	102192	10.997	ng	96
34) Hexachlorobutadiene	8.08	225	217281	52.575	ng	99
35) Caprolactam	8.40	113	87672m	47.038	ng	
36) 4-Chloro-3-methylphenol	8.52	107	353983	53.660	ng	97
37) 2-Methylnaphthalene	8.65	142	668064	46.164	ng	97
38) 1-Methylnaphthalene	8.75	142	634787	46.538	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	300142	45.566	ng	100

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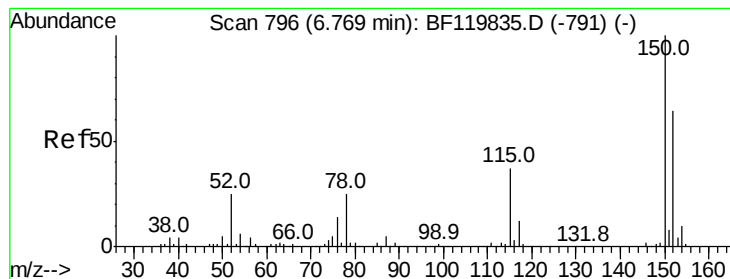
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	172260	45.990	nq	99
43) 2,4,6-Trichlorophenol	8.94	196	219578	48.274	nq	97
44) 2,4,5-Trichlorophenol	8.99	196	251544	49.100	nq	98
46) 1,1'-Biphenyl	9.12	154	960554	54.568	nq	98
47) 2-Chloronaphthalene	9.14	162	724516	53.429	nq	99
48) 2-Nitroaniline	9.25	65	241995	49.245	nq	94
49) Acenaphthylene	9.56	152	1104751	53.570	nq	98
50) Dimethylphthalate	9.43	163	1042544	64.629	nq	100
51) 2,6-Dinitrotoluene	9.49	165	180488	51.094	nq	89
52) Acenaphthene	9.73	154	635125	46.168	nq	98
53) 3-Nitroaniline	9.65	138	90260	22.373	nq	93
54) 2,4-Dinitrophenol	9.77	184	86423	40.864	nq	97
55) Dibenzofuran	9.90	168	850171	45.036	nq	99
56) 4-Nitrophenol	9.85	139	206869	68.915	nq	91
57) 2,4-Dinitrotoluene	9.89	165	190329	40.895	nq	# 89
58) Fluorene	10.25	166	653255	43.270	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.03	232	184834	47.173	nq	97
60) Diethylphthalate	10.13	149	713588	42.682	nq	99
61) 4-Chlorophenyl-phenylether	10.23	204	334571	43.238	nq	98
62) 4-Nitroaniline	10.27	138	131678	34.248	nq	98
63) Azobenzene	10.40	77	648978	43.314	nq	96
65) 4,6-Dinitro-2-methylphenol	10.30	198	67460	34.451	nq	97
66) n-Nitrosodiphenylamine	10.36	169	579454	58.621	nq	99
67) 4-Bromophenyl-phenylether	10.72	248	178761	48.362	nq	97
68) Hexachlorobenzene	10.79	284	184409	49.179	nq	94
69) Atrazine	10.89	200	148438	53.972	nq	98
70) Pentachlorophenol	10.99	266	151080	69.916	nq	99
71) Phenanthrene	11.20	178	833193	52.672	nq	97
72) Anthracene	11.26	178	864191	53.479	nq	97
73) Carbazole	11.42	167	747632	48.924	nq	98
74) Di-n-butylphthalate	11.75	149	1085740	54.046	nq	98
75) Fluoranthene	12.39	202	848020	49.685	nq	96
77) Benzidine	12.52	184	524754	73.871	nq	98
78) Pyrene	12.62	202	857739	48.416	nq	99
80) Butylbenzylphthalate	13.24	149	389791	45.343	nq	99
81) Benzo(a)anthracene	13.81	228	731235	52.892	nq	100
82) 3,3'-Dichlorobenzidine	13.77	252	238804	46.294	nq	97
83) Chrysene	13.84	228	727628	51.798	nq	97
84) Bis(2-ethylhexyl)phthalate	13.81	149	546125	46.913	nq	99
85) Di-n-octyl phthalate	14.42	149	966347	48.753	nq	99
86) Indeno(1,2,3-cd)pyrene	16.59	276	886276	71.574	nq	100
88) Benzo(b)fluoranthene	14.83	252	858553	49.253	nq	98
89) Benzo(k)fluoranthene	14.86	252	663577	44.120	nq	99
90) Benzo(a)pyrene	15.17	252	720638	49.169	nq	99
91) Dibenzo(a,h)anthracene	16.59	278	732761	56.442	nq	98
92) Benzo(g,h,i)perylene	16.99	276	726834	56.718	nq	98

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



#1

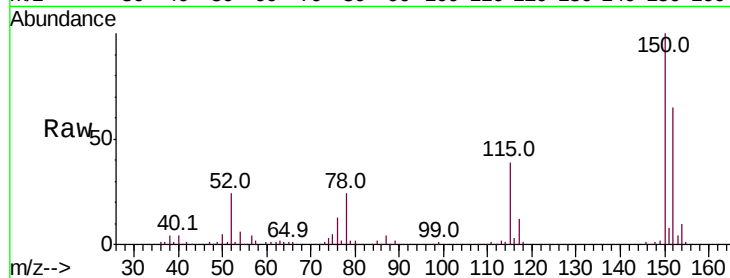
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Instrument :
BNA_F
ClientSampleId :
NB-04302020MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.5	186.7
115	60.2	49.6	74.4

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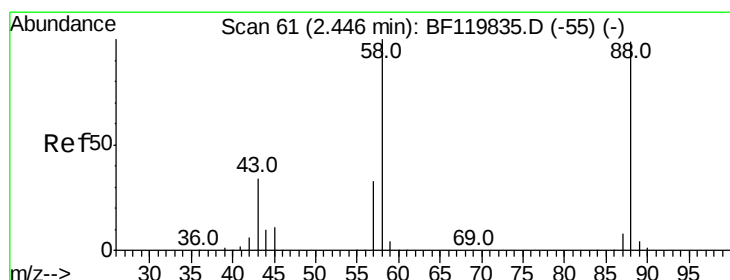
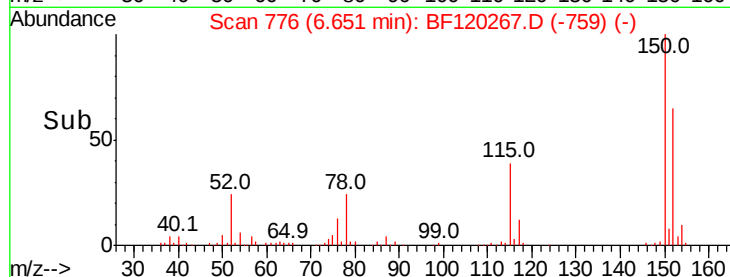
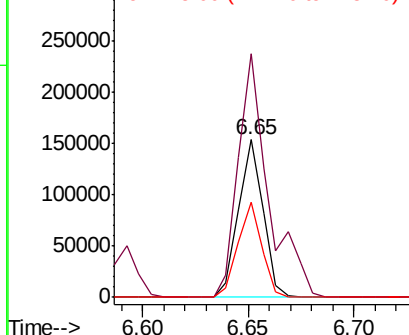


Abundance

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: 36.073 ng
RT: 2.28 min Scan# 33
Delta R.T. 0.05 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

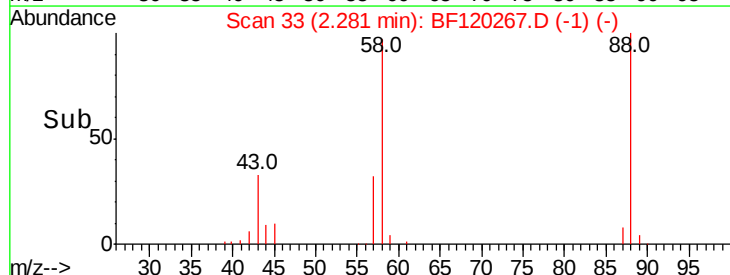
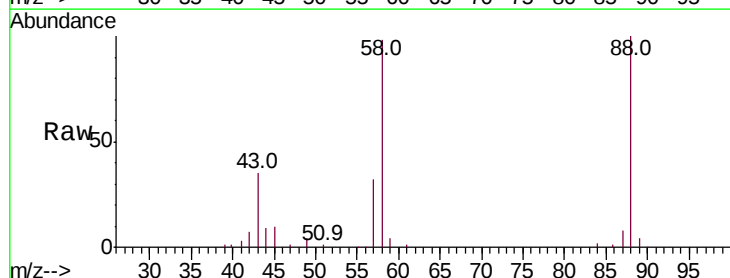
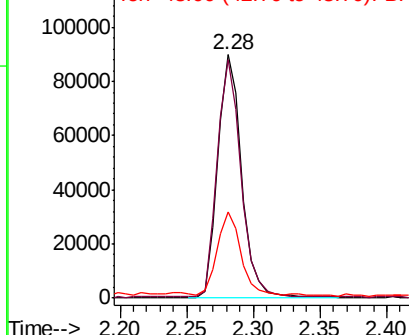
Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.3	80.6	121.0
43	34.7	27.5	41.3

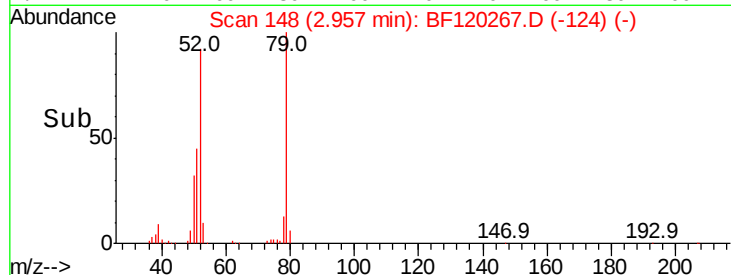
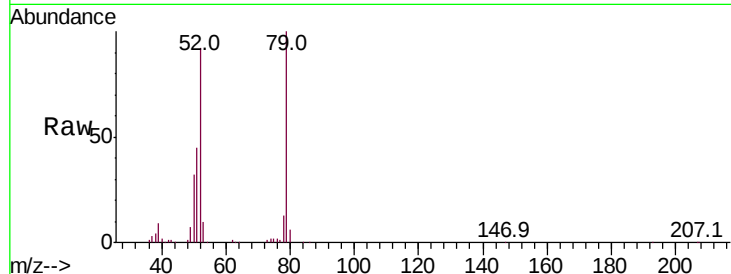
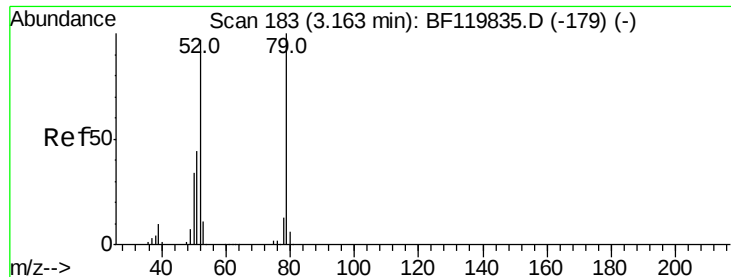
Abundance

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





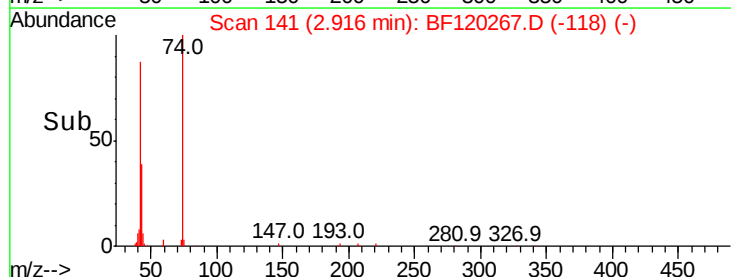
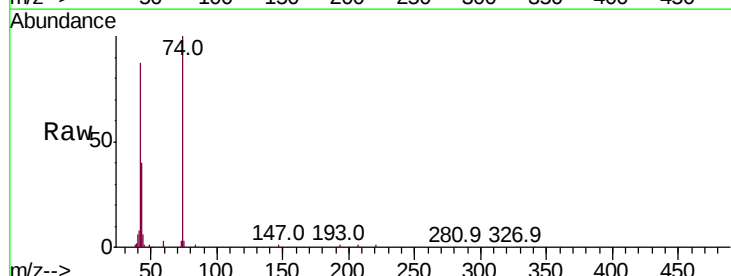
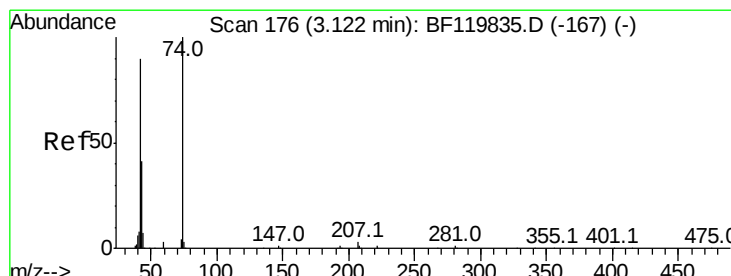
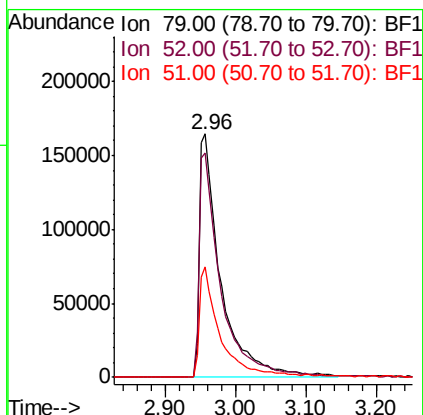
#3
Pvridine
Concen: 40.193 ng
RT: 2.96 min Scan# 148
Delta R.T. 0.04 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Tot Ion	Ratio	Lower	Upper
79	100		
52	92.1	80.2	120.2
51	45.5	37.7	56.5

Instrument :
BNA_F
ClientSampleId :
NB-04302020MS

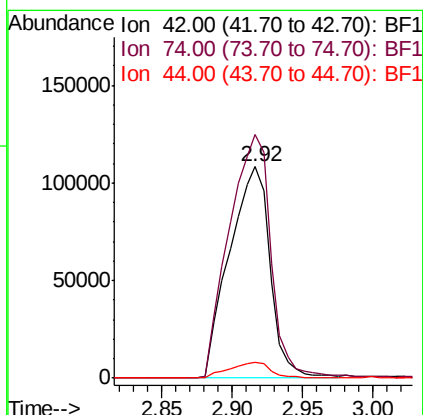
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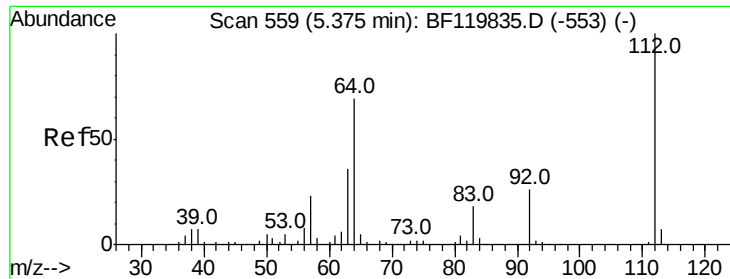
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#4
n-Nitrosodimethylamine
Concen: 49.158 ng
RT: 2.92 min Scan# 141
Delta R.T. 0.04 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Tgt Ion	Ratio	Lower	Upper
42	100		
74	115.2	91.5	137.3
44	7.3	6.2	9.4





#5

2-Fluorophenol

Concen: 94.021 ng

RT: 5.27 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Instrument :

BNA_F

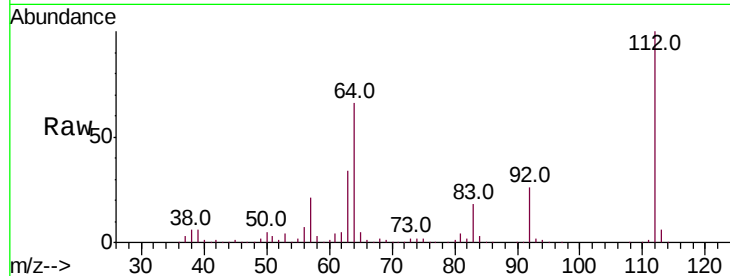
ClientSampleId :

NB-04302020MS

Tot Ion:	112	Resp:	669285
Ion Ratio	Lower	Upper	
112	100		
64	66.5	56.7	85.1
63	34.4	29.5	44.3

Manual Integrations
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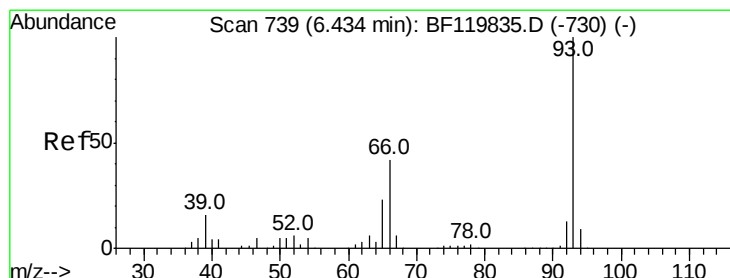
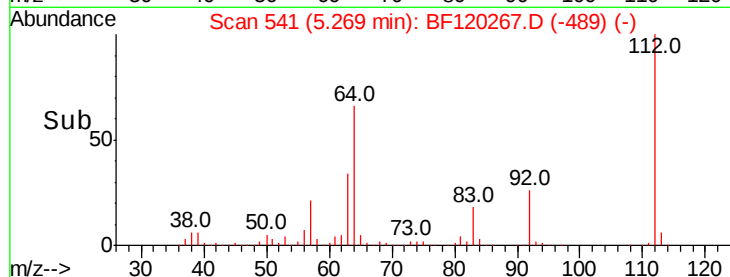
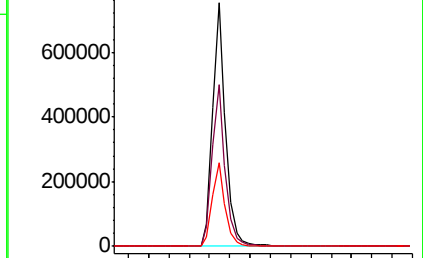
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.897 ng

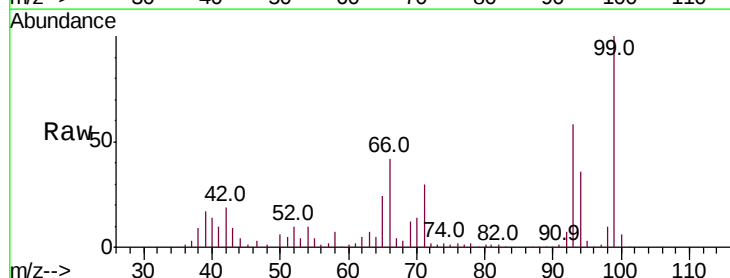
RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

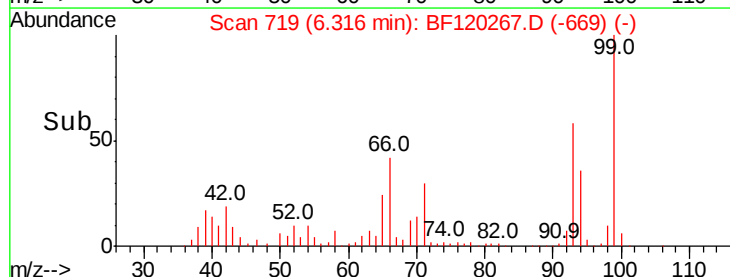
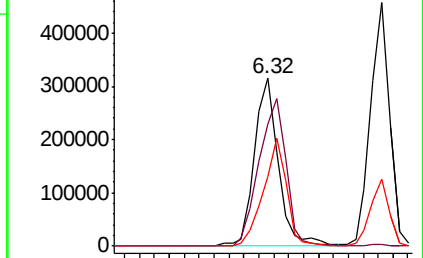
Tgt Ion:	93	Resp:	347896
Ion Ratio	Lower	Upper	
93	100		
66	72.6	34.9	52.3#
65	41.8	18.6	27.8#

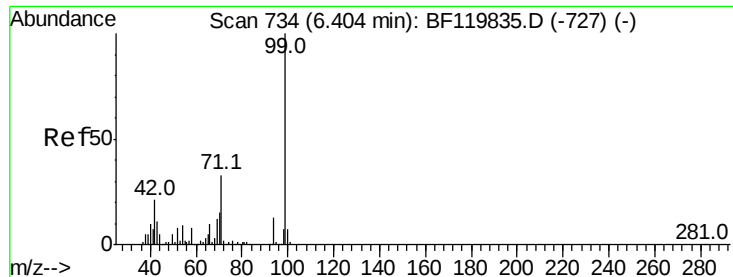


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.585 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Instrument :

BNA_F

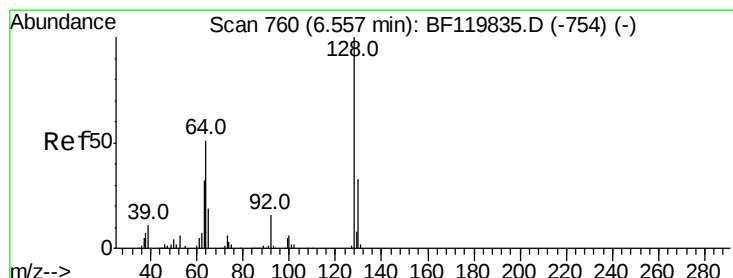
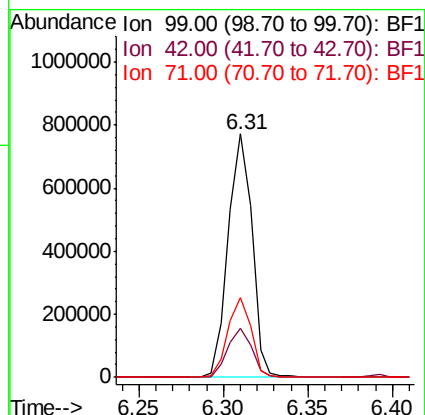
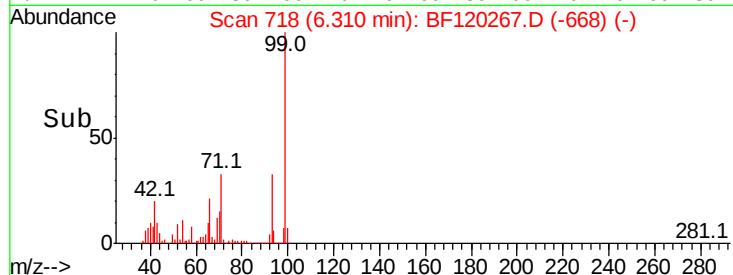
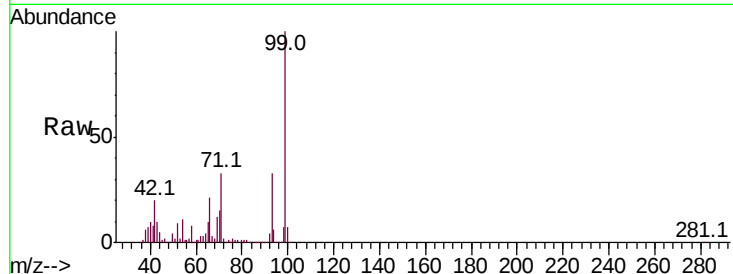
ClientSampleId :

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Tot Ion:	99	Resp:	757507
Ion Ratio	Lower	Upper	
99	100		
42	20.4	16.6	24.8
71	32.5	26.4	39.6

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#8

2-Chlorophenol

Concen: 51.195 ng

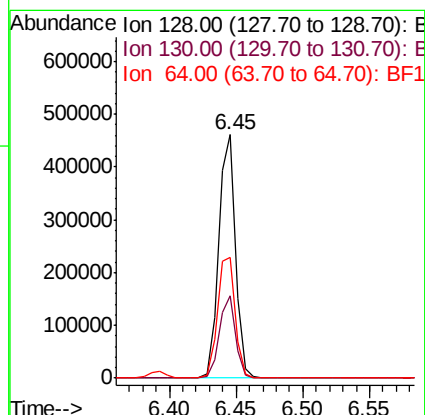
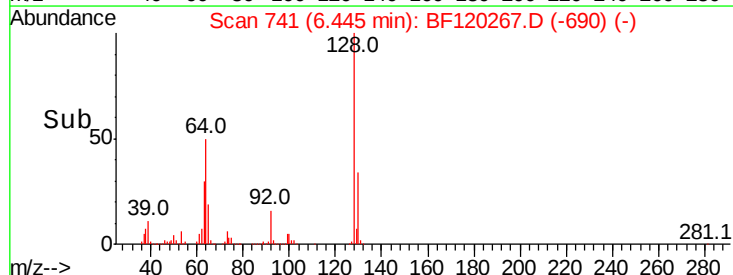
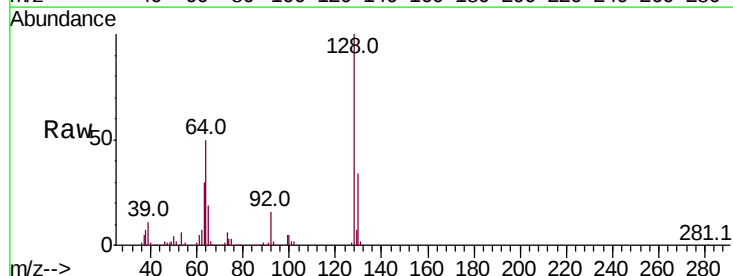
RT: 6.45 min Scan# 741

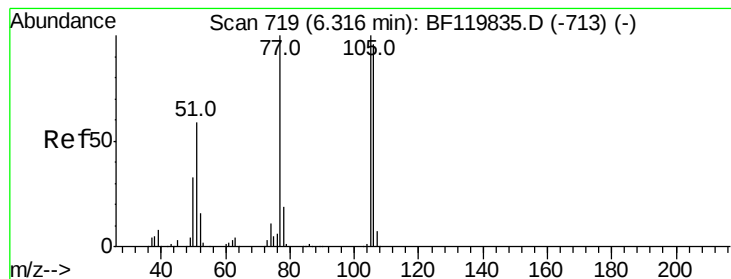
Delta R.T. 0.00 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Tgt Ion:	128	Resp:	407185
Ion Ratio	Lower	Upper	
128	100		
130	33.8	12.6	52.6
64	49.6	35.3	75.3





#9

Benzaldehyde

Concen: 56.429 ng

RT: 6.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Instrument :

BNA_F

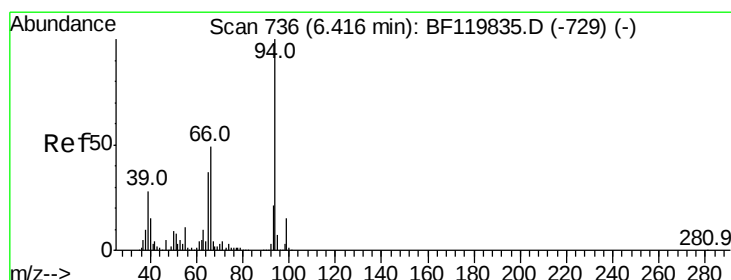
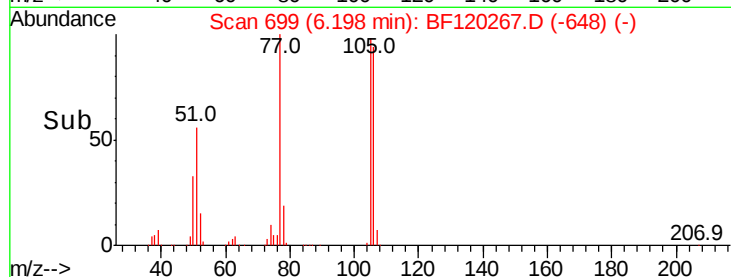
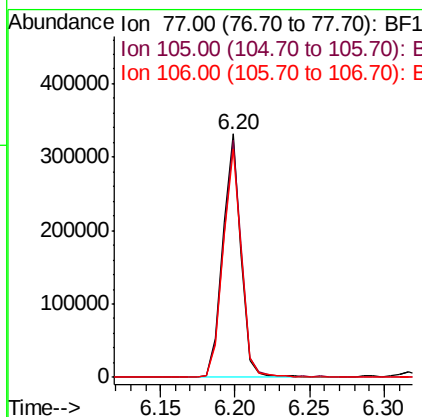
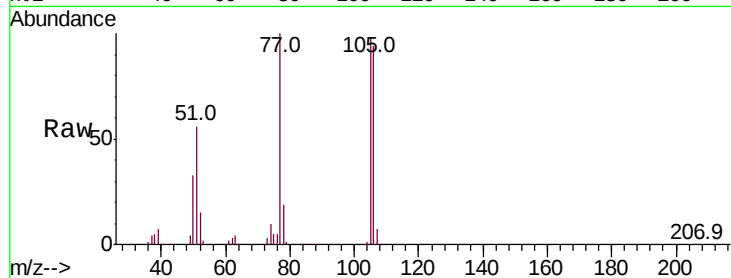
ClientSampleId :

NB-04302020MS

Tot Ion:	77	Resp:	285857
Ion Ratio	Lower	Upper	
77	100		
105	97.7	80.9	120.9
106	93.6	77.9	117.9

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#10

Phenol

Concen: 44.458 ng

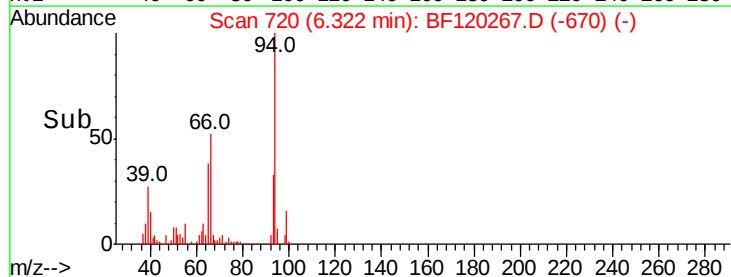
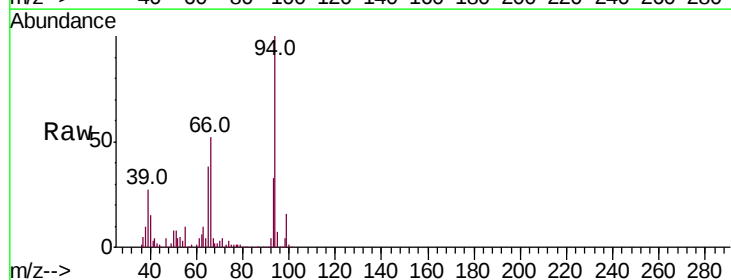
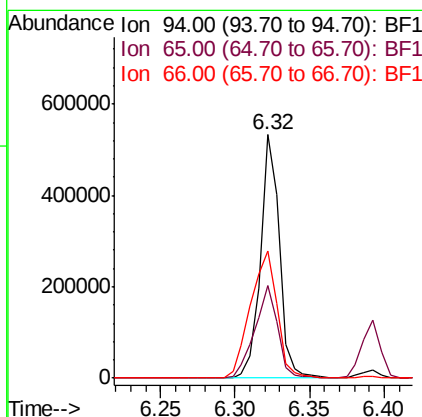
RT: 6.32 min Scan# 720

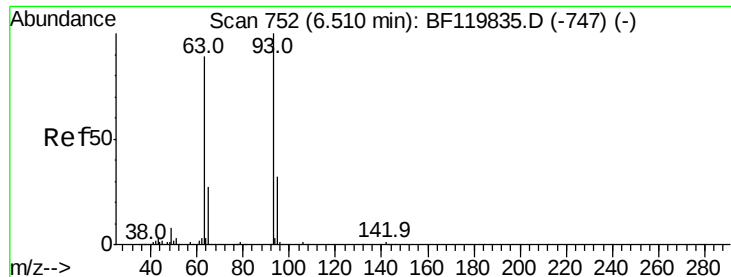
Delta R.T. -0.01 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Tgt Ion:	94	Resp:	462638
Ion Ratio	Lower	Upper	
94	100		
65	38.1	13.2	53.2
66	52.1	22.3	62.3





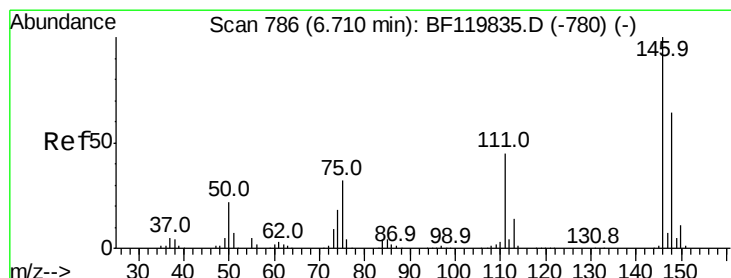
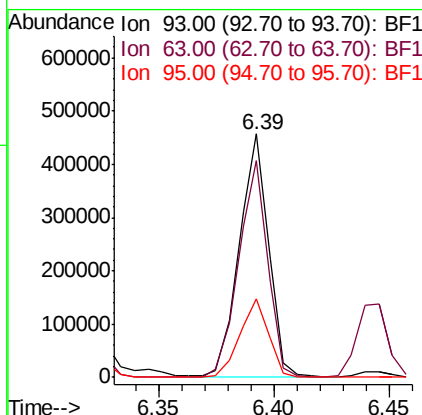
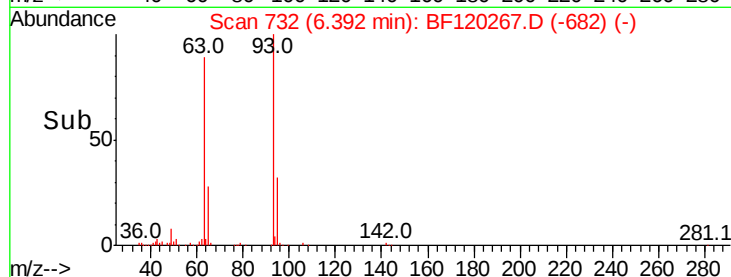
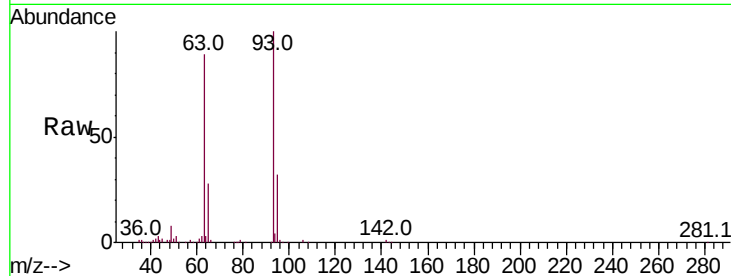
#11
bis(2-Chloroethyl)ether
Concen: 50.244 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Instrument :
BNA_F
ClientSampleId :
NB-04302020MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.9	70.2	110.2
95	32.2	13.4	53.4

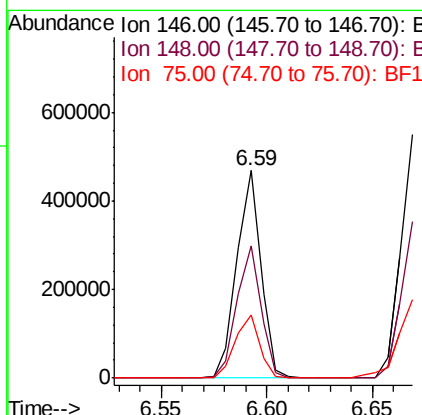
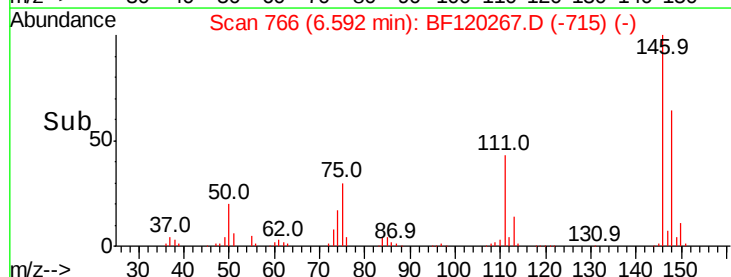
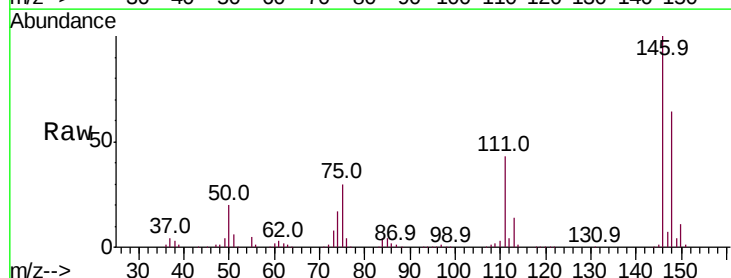
Manual Integrations
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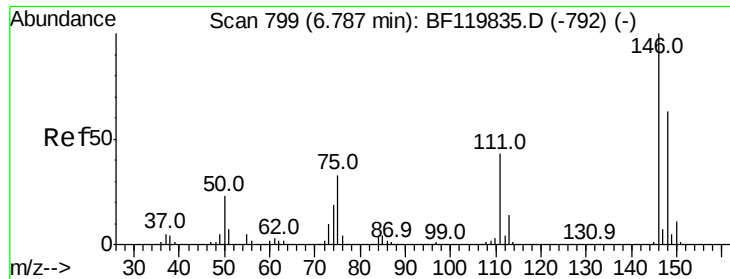
mohammad
5/4/2020 3:45:20 PM



#12
1,3-Dichlorobenzene
Concen: 42.610 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.2	78.4
75	30.4	23.0	34.4





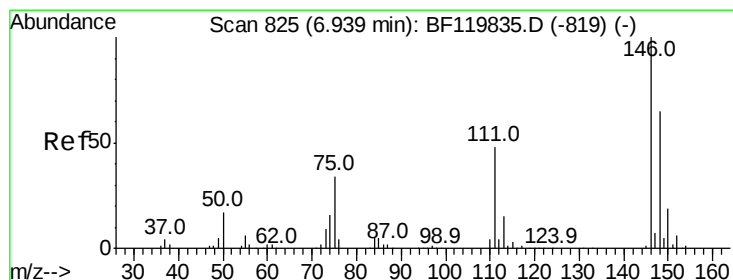
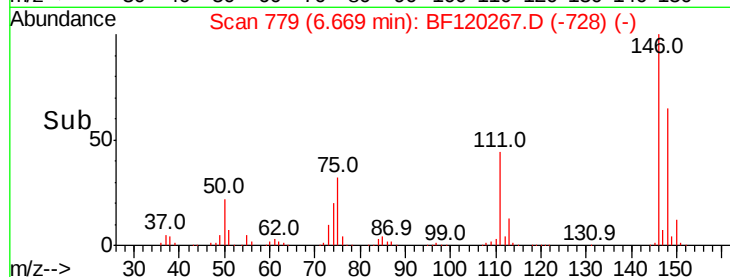
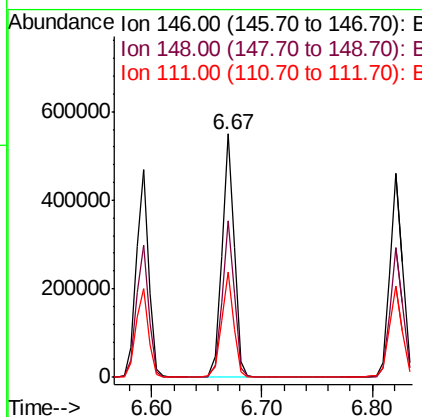
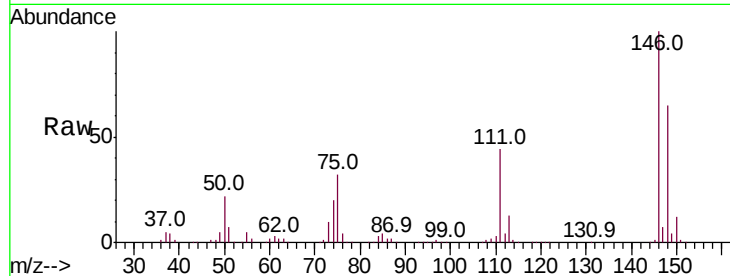
#13
 1,4-Dichlorobenzene
 Concen: 48.187 ng
 RT: 6.67 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

Instrument :
 BNA_F
 ClientSampleId :
 NB-04302020MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.5	77.3
111	43.5	33.3	49.9

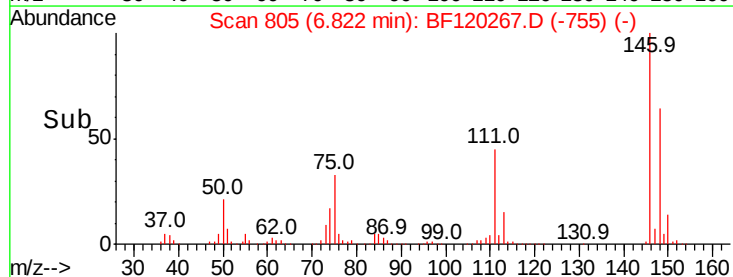
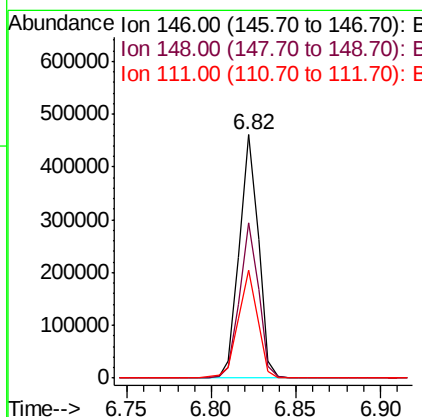
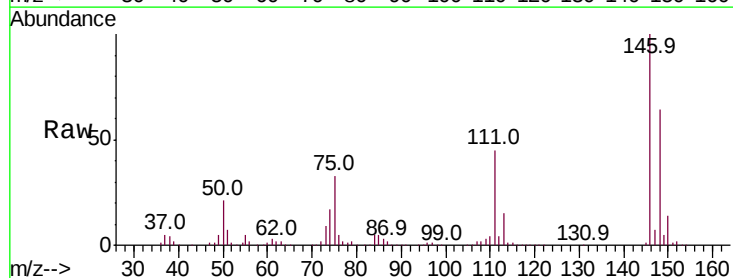
Manual Integrations
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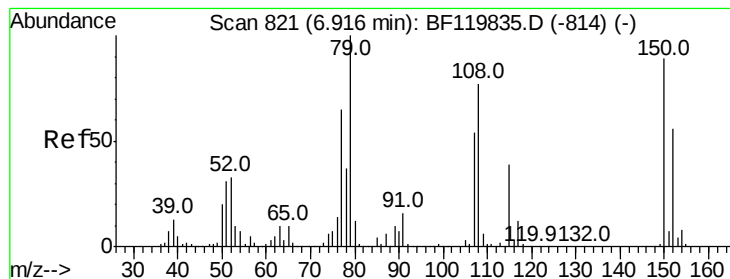
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 44.318 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	75.8
111	44.5	36.1	54.1





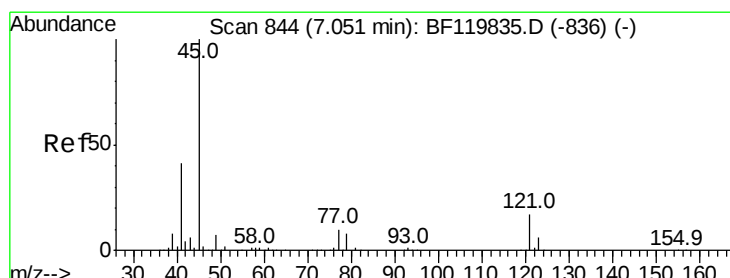
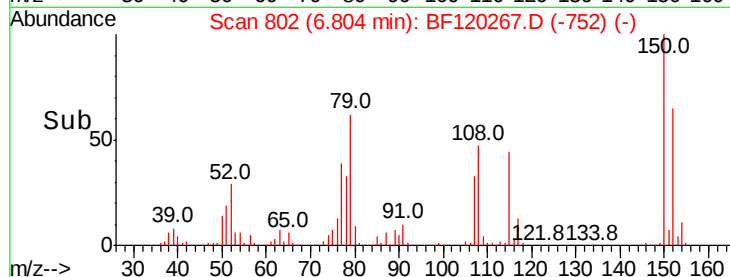
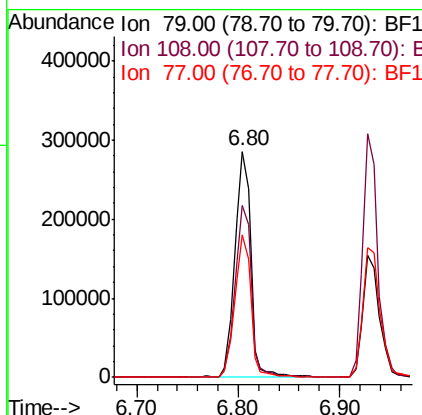
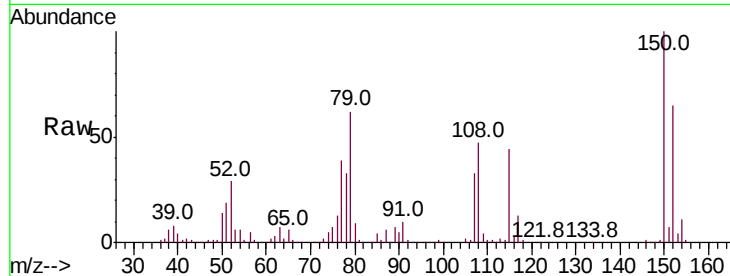
#15
Benzyl Alcohol
Concen: 44.308 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Instrument :
BNA_F
ClientSampleId :
NB-04302020MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.1	60.6	90.8
77	63.1	50.2	75.2

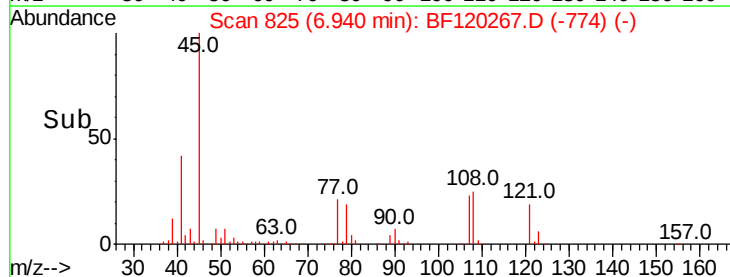
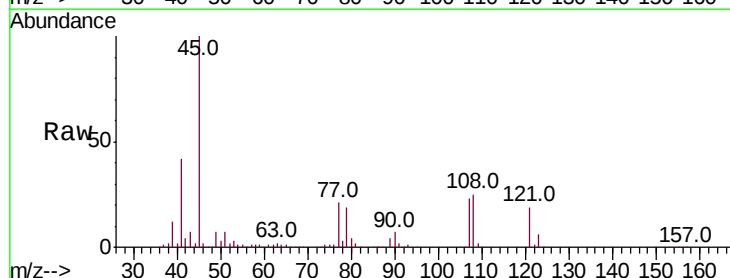
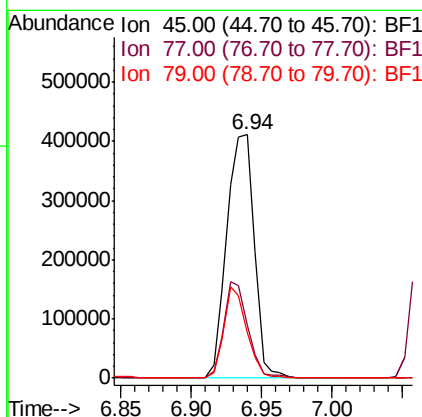
Manual Integrations
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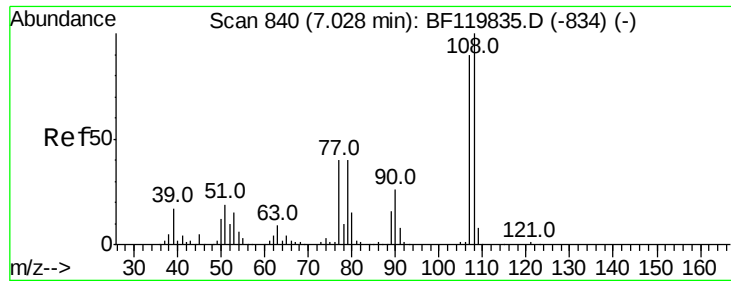
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 35.636 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.5	0.0	30.7
79	18.8	0.0	28.2





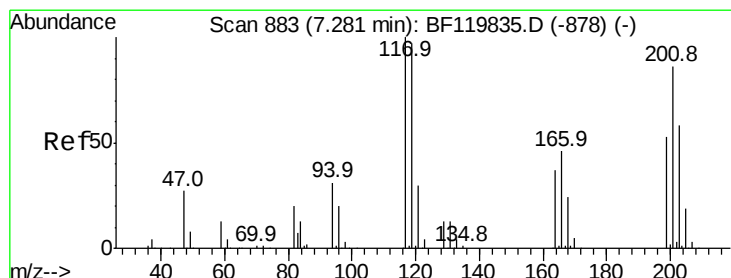
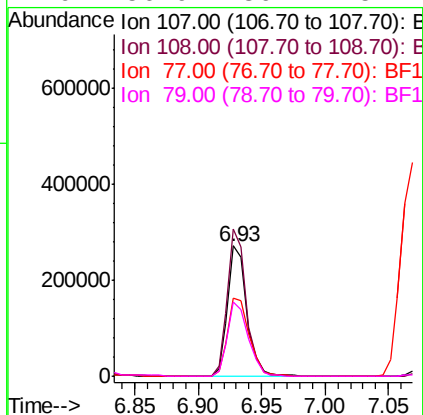
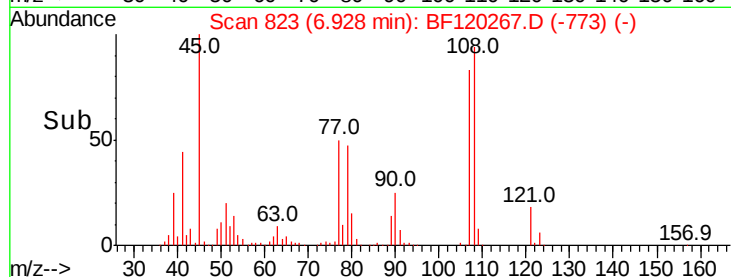
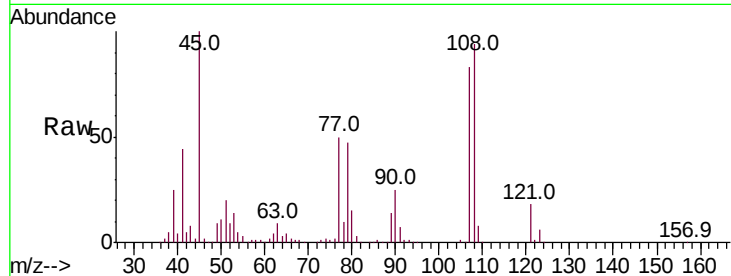
#17
2-Methylphenol
Concen: 39.989 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Instrument :
BNA_F
ClientSampleId :
NB-04302020MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.3	92.2	138.4	
77	60.3	36.6	54.8#	
79	56.9	36.2	54.4#	

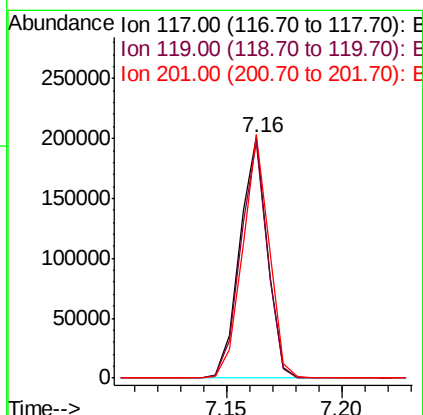
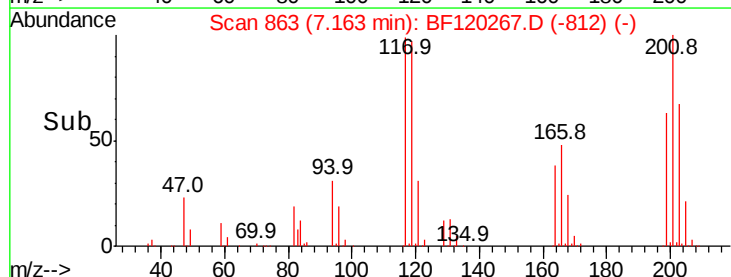
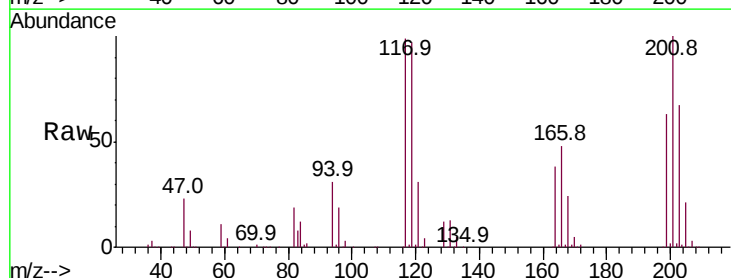
Manual Integrations
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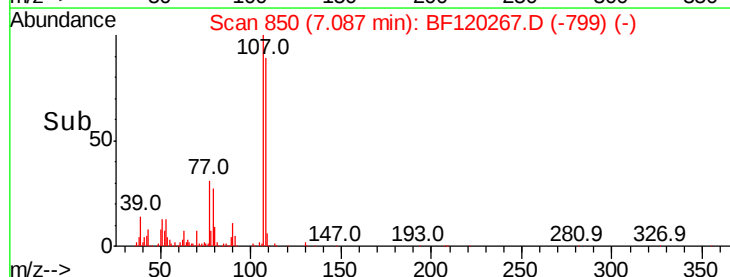
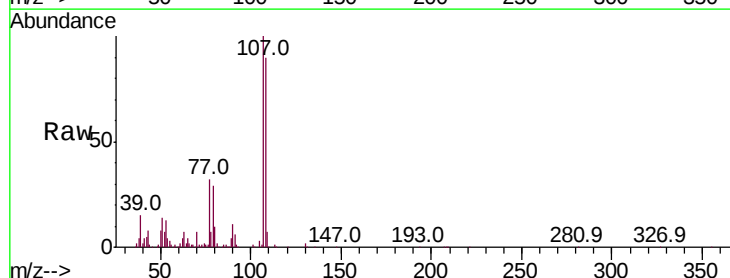
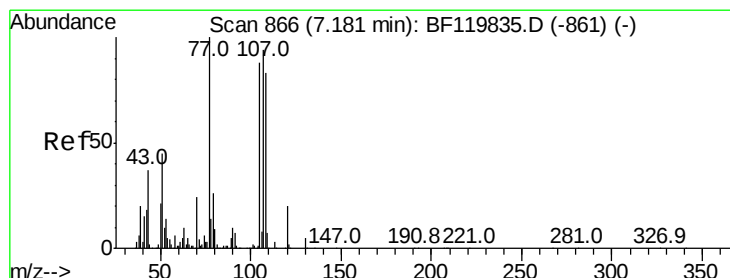
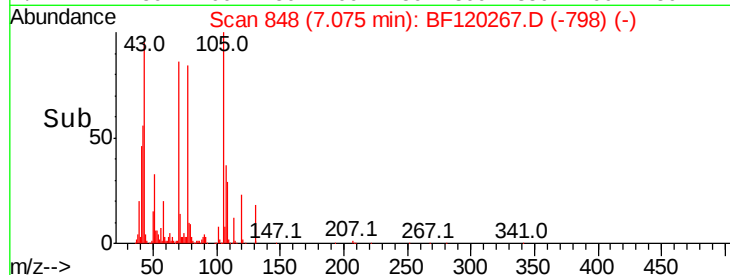
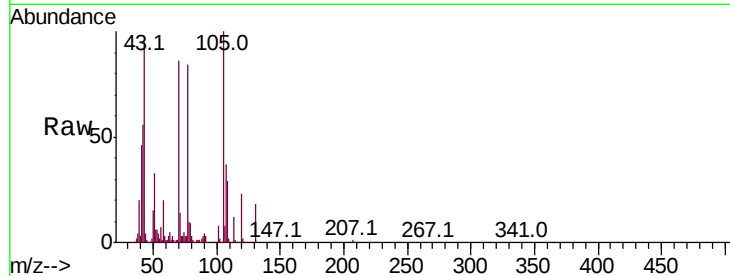
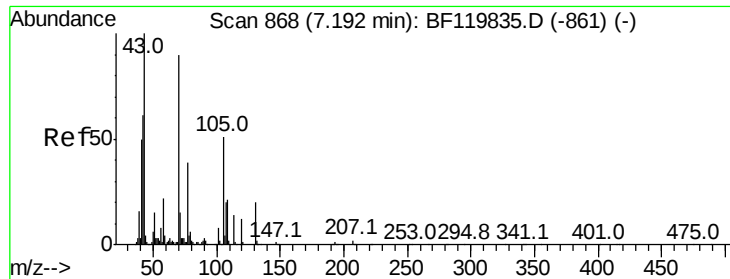
mohammad
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#18
Hexachloroethane
Concen: 50.170 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.1	76.1	114.1	
201	101.2	73.0	109.6	





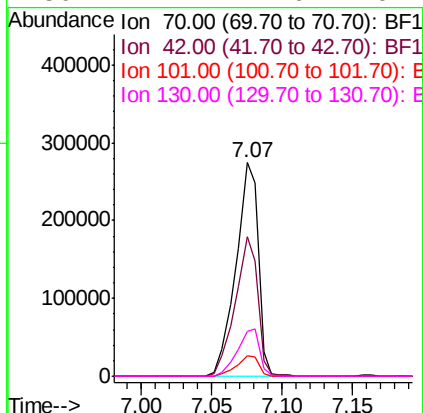
#19
n-Nitroso-di-n-propylamine
Concen: 51.123 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Instrument :
BNA_F
ClientSampleId :
NB-04302020MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.2	54.5	81.7
101	9.3	7.6	11.4
130	21.2	17.6	26.4

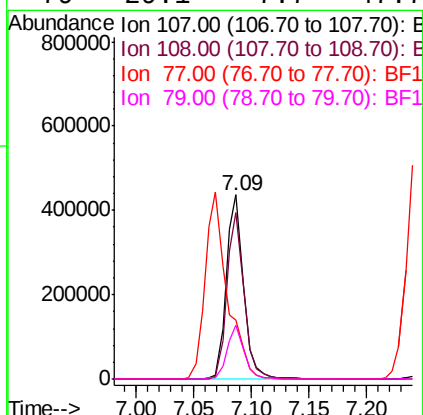
Manual Integrations
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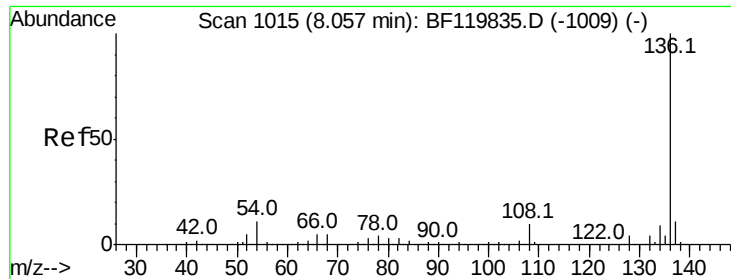
mohammad
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#20
3+4-Methylphenols
Concen: 51.897 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.1	67.9	107.9
77	32.3	52.9	92.9#
79	29.1	7.7	47.7





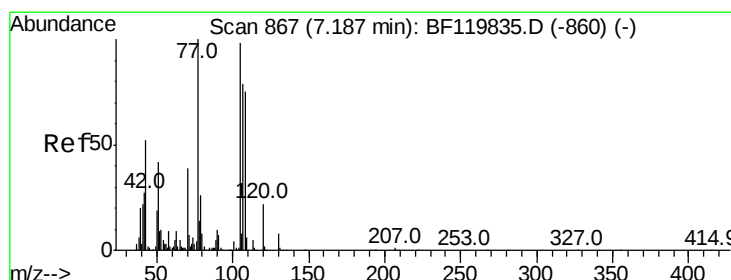
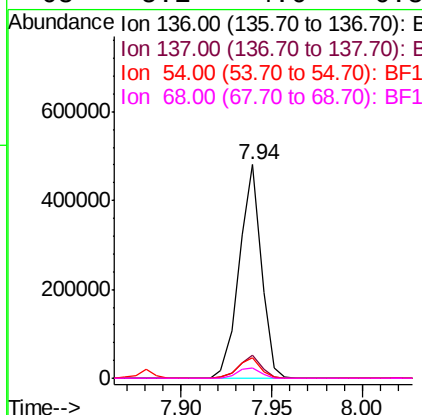
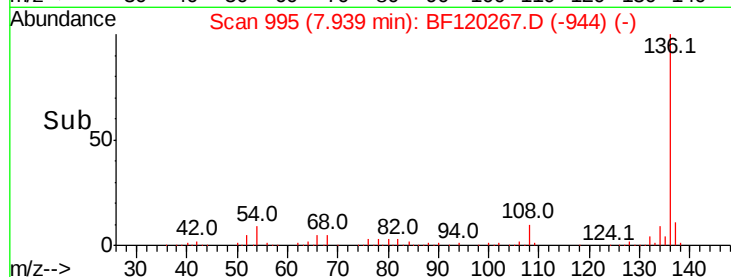
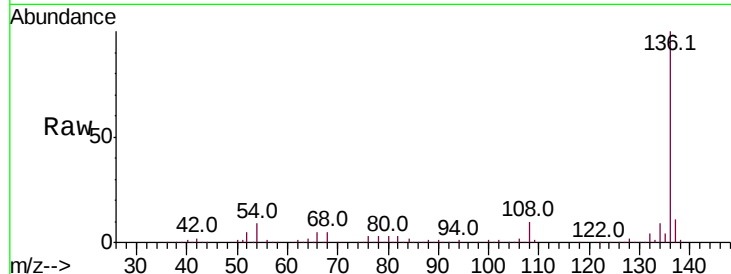
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Instrument :
BNA_F
ClientSampleId :
NB-04302020MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.7	13.1	
54	9.5	9.1	13.7	
68	5.1	4.6	6.8	

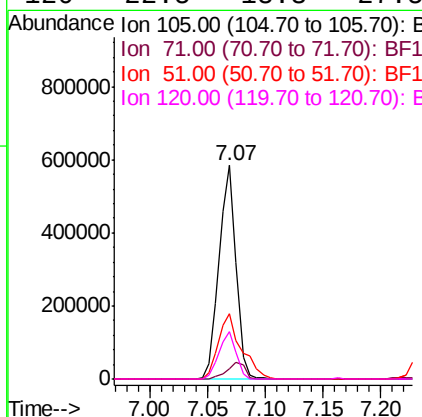
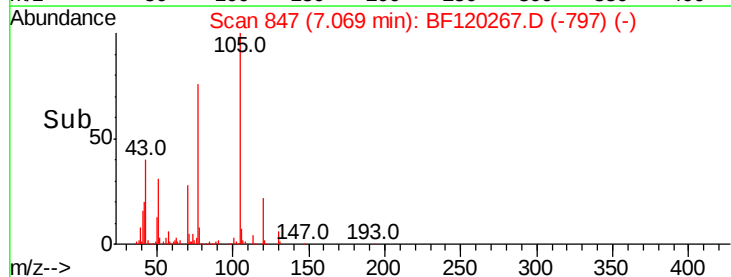
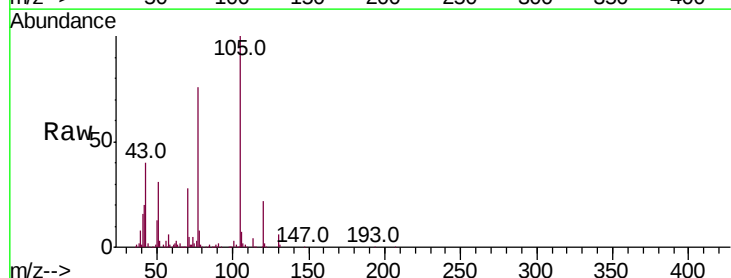
Manual Integrations
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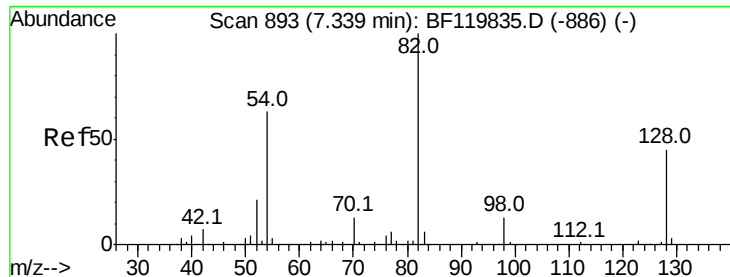
mohammad
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#22
Acetophenone
Concen: 63.206 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.8	5.7	8.5#	
51	30.8	26.2	39.4	
120	22.5	18.3	27.5	





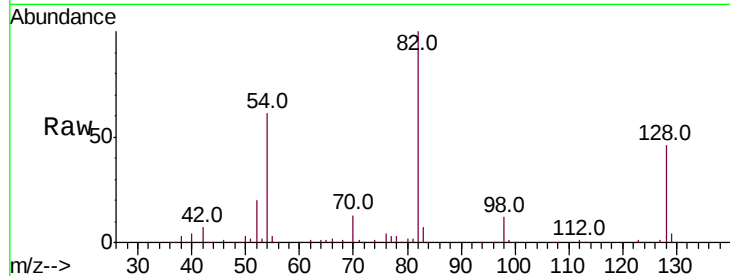
#23
Nitrobenzene-d5
Concen: 70.974 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Instrument :
BNA_F
ClientSampleId :
NB-04302020MS

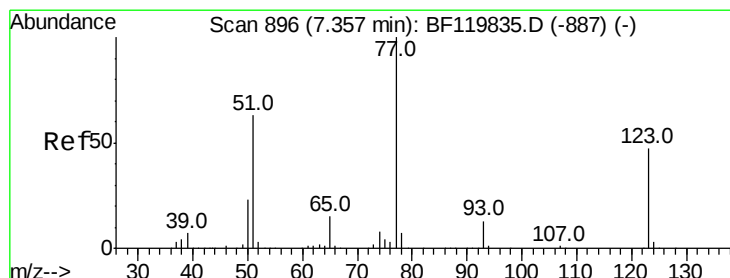
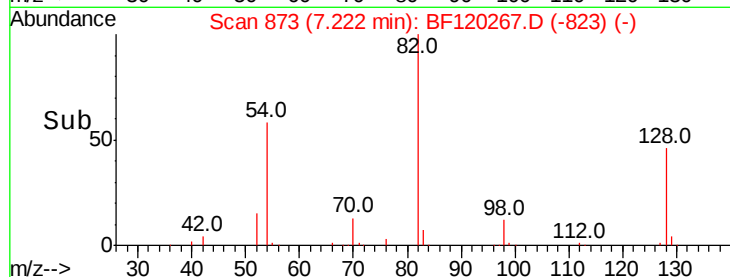
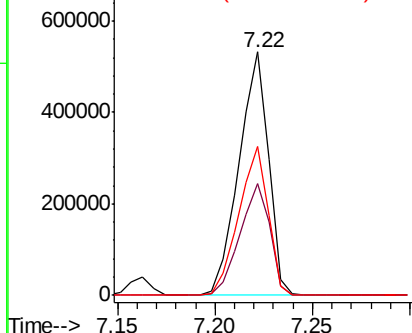
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.3	54.5
54	61.4	50.6	75.8

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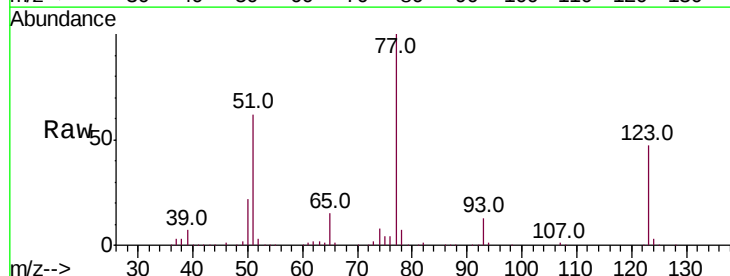


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

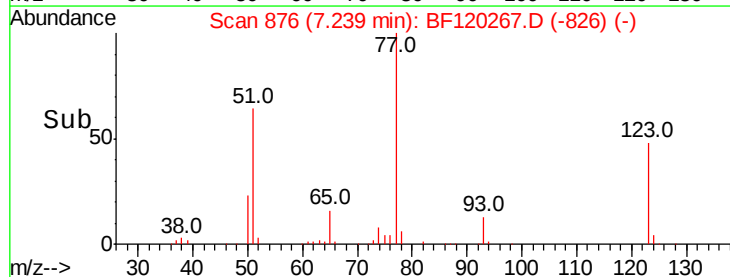
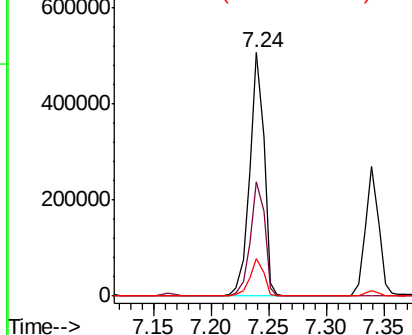


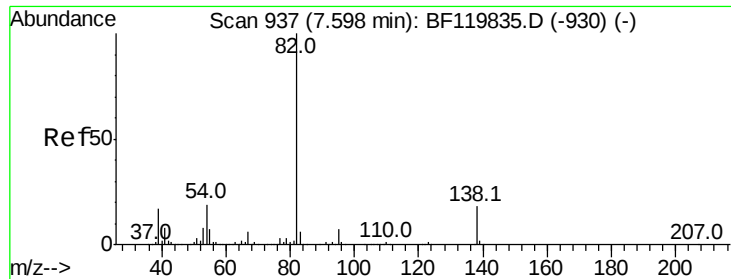
#24
Nitrobenzene
Concen: 55.164 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.1	38.0	57.0
65	15.4	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: 47.890 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Instrument :

BNA_F

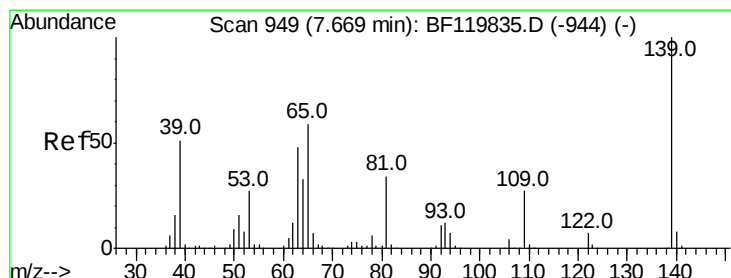
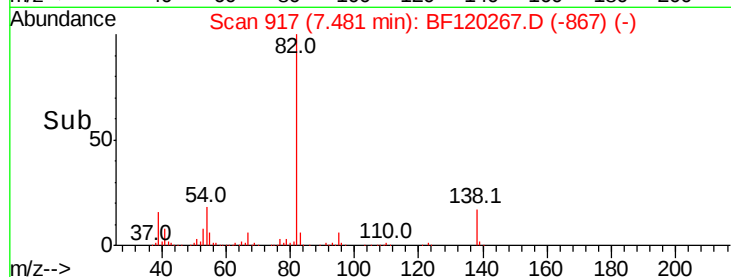
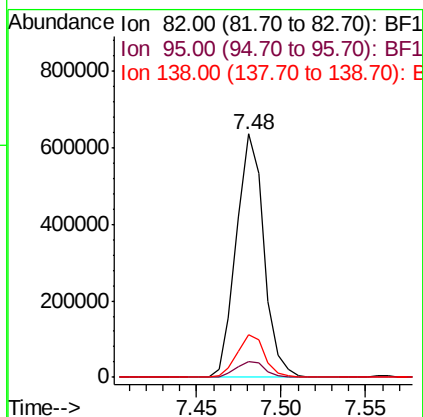
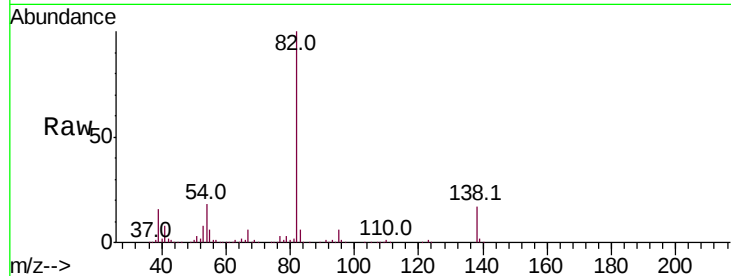
ClientSampleId :

NB-04302020MS

Tot Ion:	82	Resp:	723987
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.8	8.6
138	17.3	14.6	21.8

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#26

2-Nitrophenol

Concen: 47.456 ng

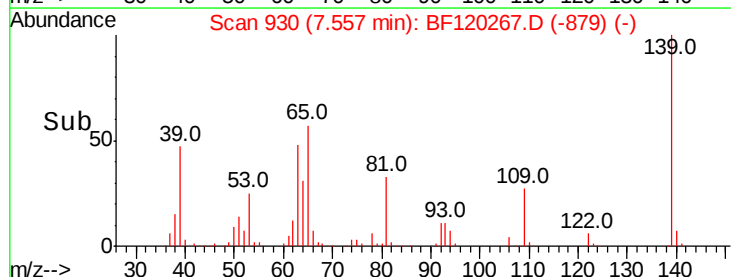
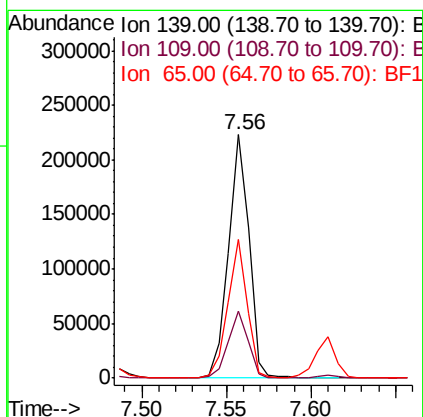
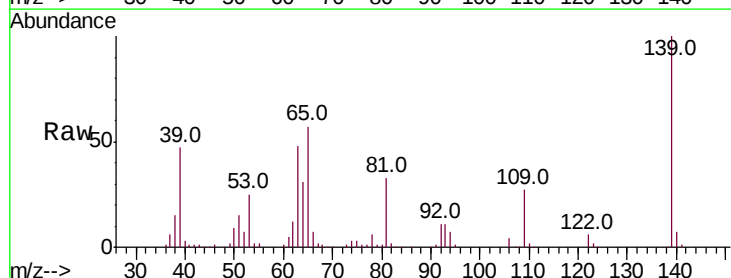
RT: 7.56 min Scan# 930

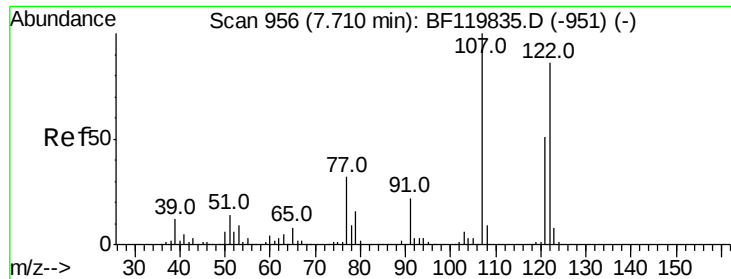
Delta R.T. 0.00 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Tgt Ion:	139	Resp:	187042
Ion Ratio	Lower	Upper	
139	100		
109	27.3	22.1	33.1
65	56.8	49.2	73.8





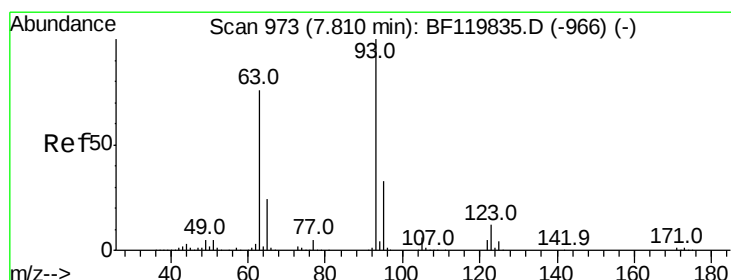
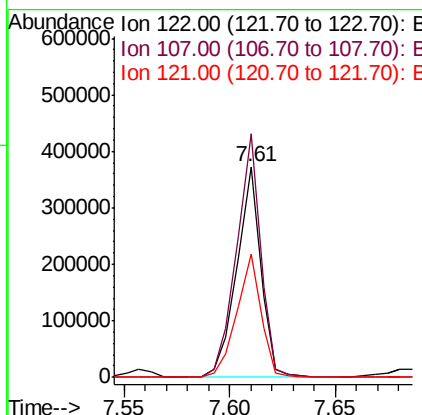
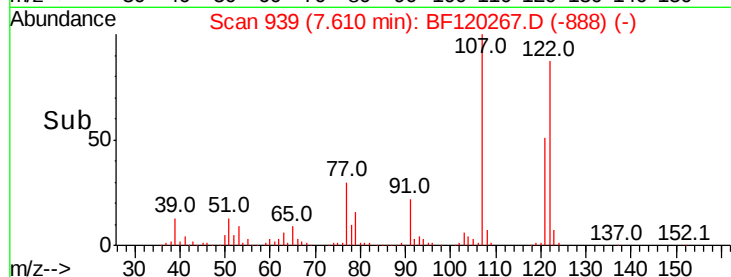
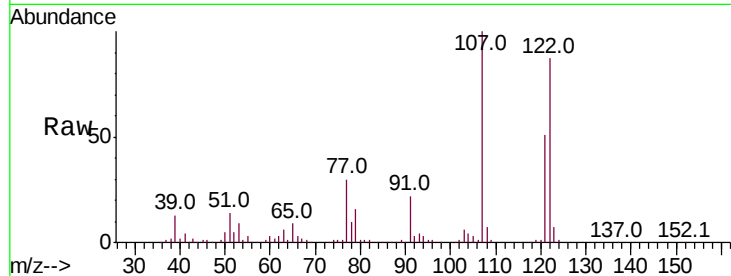
#27
2,4-Dimethylphenol
Concen: 49.732 ng
RT: 7.61 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Instrument :
BNA_F
ClientSampleId :
NB-04302020MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.6	89.0	133.6
121	58.7	46.7	70.1

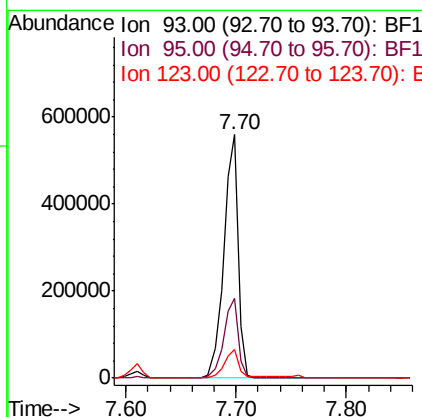
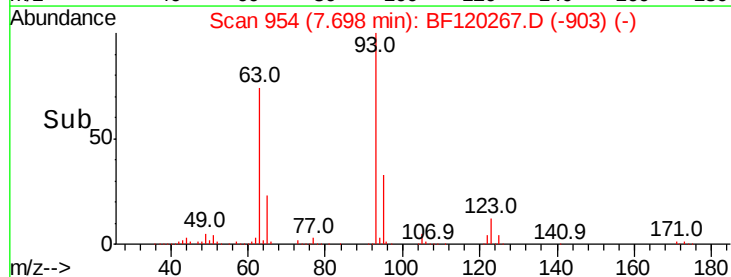
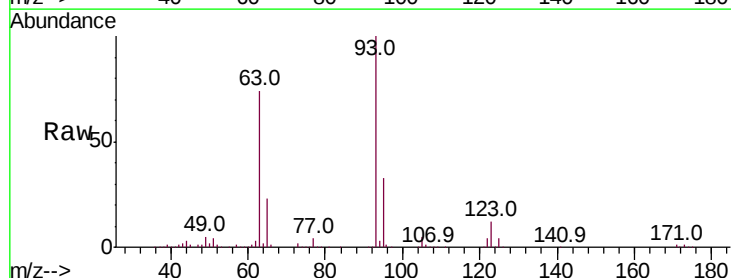
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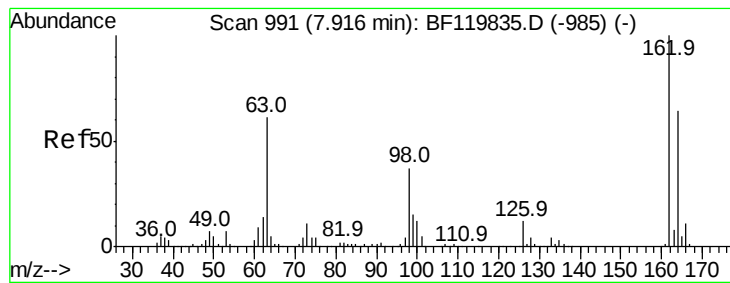
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 56.954 ng
RT: 7.70 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.3	39.5
123	11.9	9.7	14.5





#29

2,4-Dichlorophenol

Concen: 48.051 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Instrument :

BNA_F

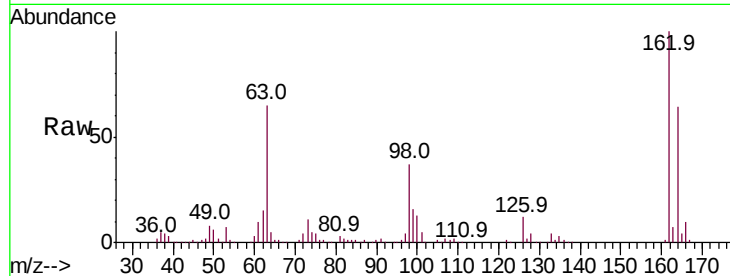
ClientSampleId :

NB-04302020MS

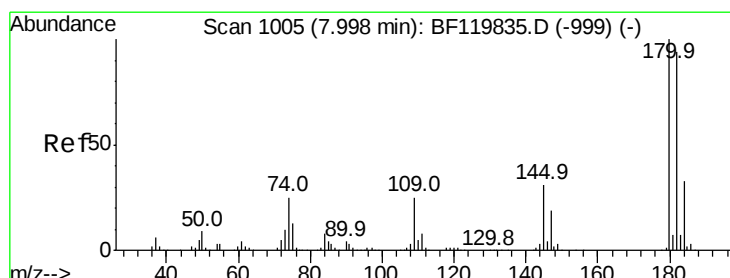
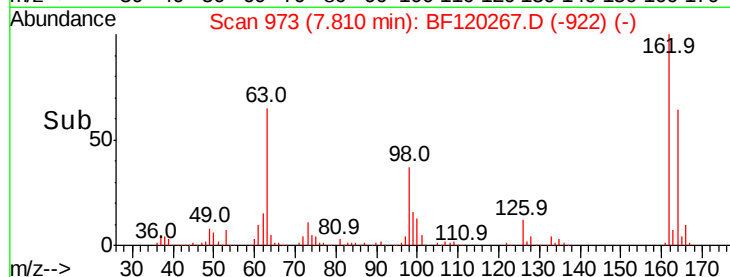
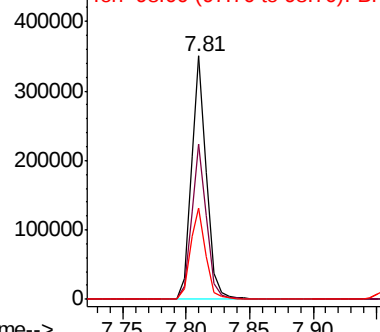
Tot Ion:	162	Resp:	292780
Ion Ratio	Lower	Upper	
162	100		
164	63.6	44.7	84.7
98	37.5	20.7	60.7

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 45.239 ng

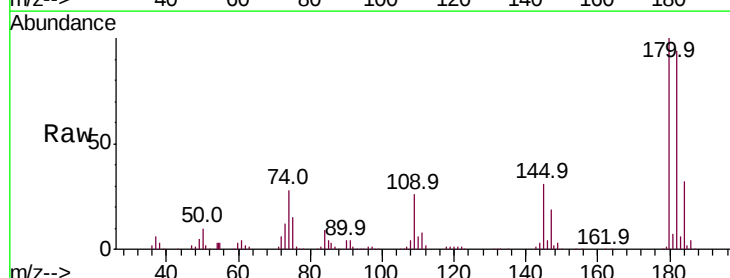
RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

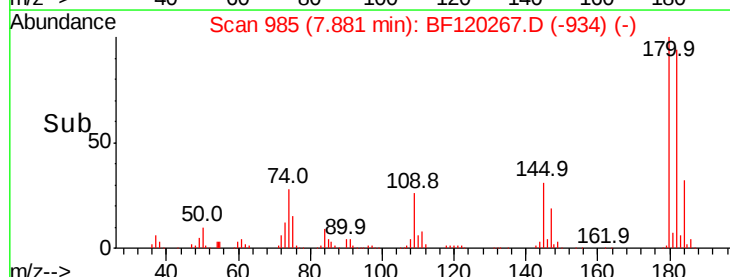
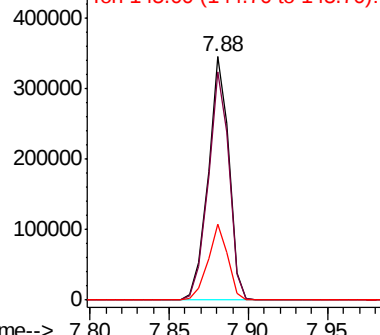
Lab File: BF120267.D

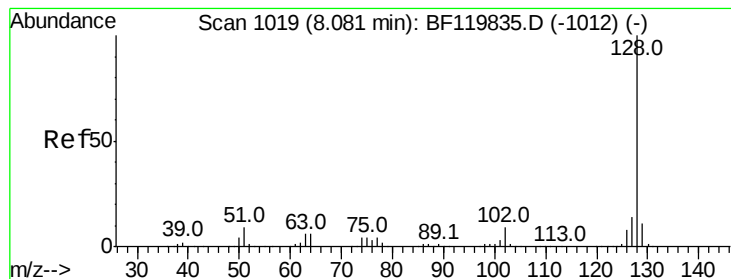
Acq: 1 May 2020 19:22

Tgt Ion:	180	Resp:	312329
Ion Ratio	Lower	Upper	
180	100		
182	93.7	74.7	112.1
145	31.2	24.5	36.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 49.751 ng

RT: 7.96 min Scan# 999

Delta R.T. 0.00 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Instrument :

BNA_F

ClientSampleId :

NB-04302020MS

Tot Ion:128 Resp: 1061968

Ion Ratio Lower Upper

128 100

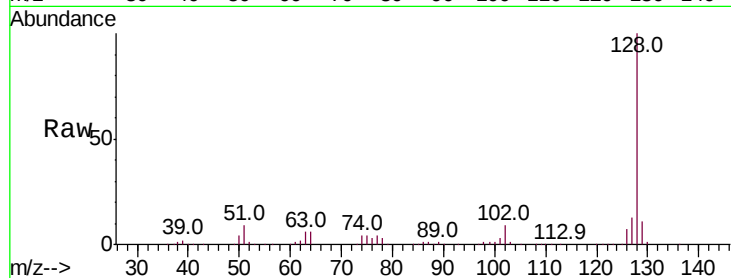
129 11.1 9.5 14.3

127 13.1 11.3 16.9

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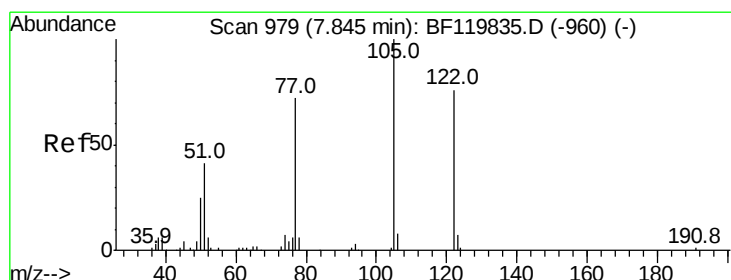
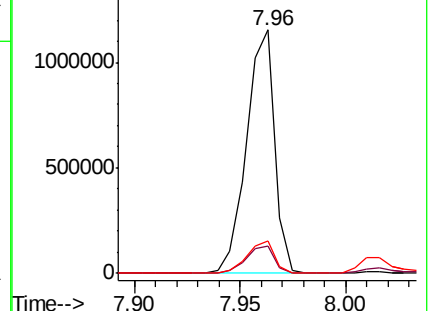
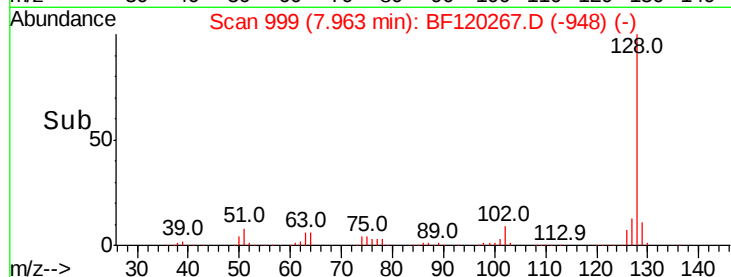
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.355 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

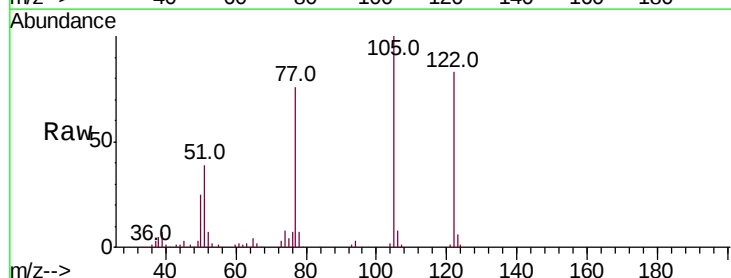
Tgt Ion:122 Resp: 226341

Ion Ratio Lower Upper

122 100

105 121.0 104.9 144.9

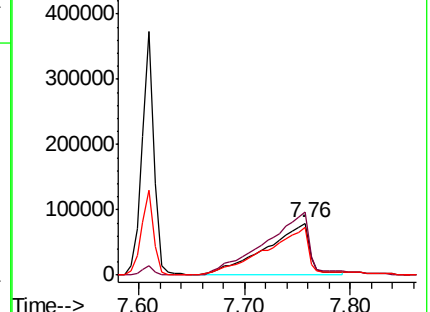
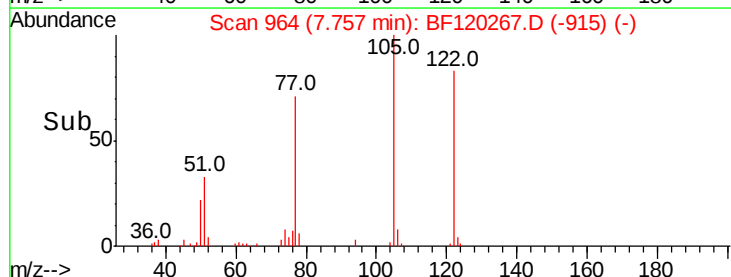
77 92.3 74.4 114.4

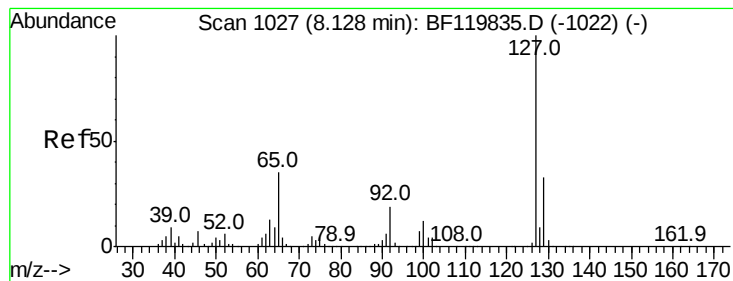


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 10.997 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Instrument :

BNA_F

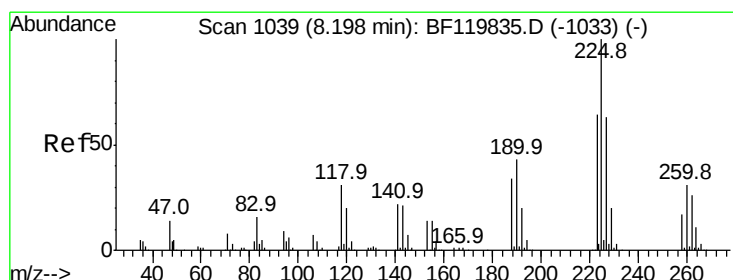
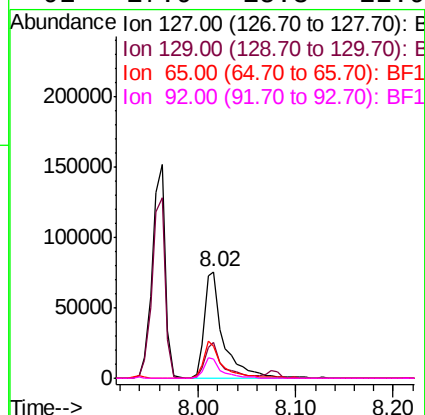
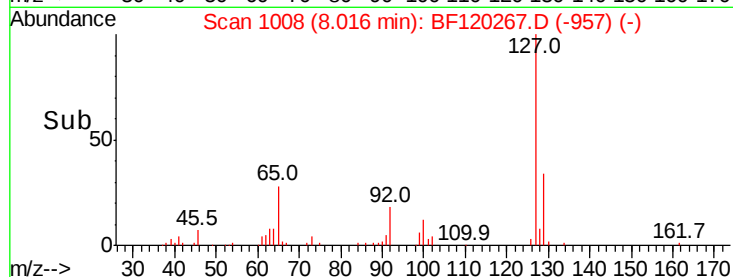
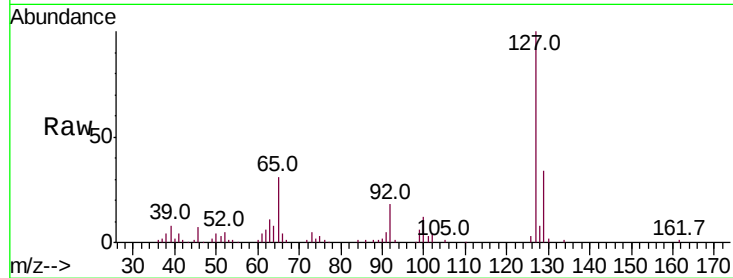
ClientSampleId :

NB-04302020MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.7	26.2	39.4		
65	30.6	27.4	41.0		
92	17.9	15.3	22.9		

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#34

Hexachlorobutadiene

Concen: 52.575 ng

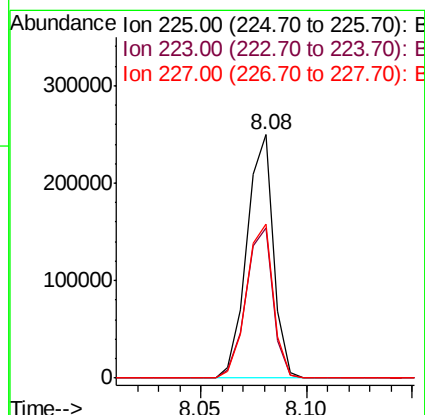
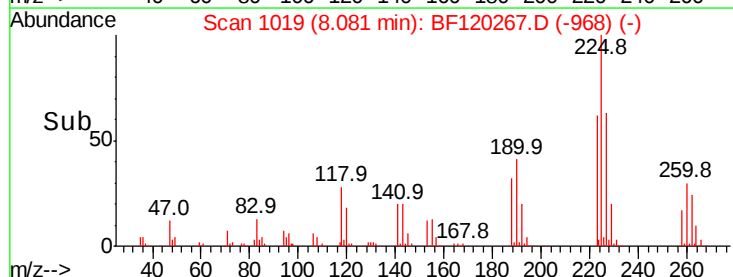
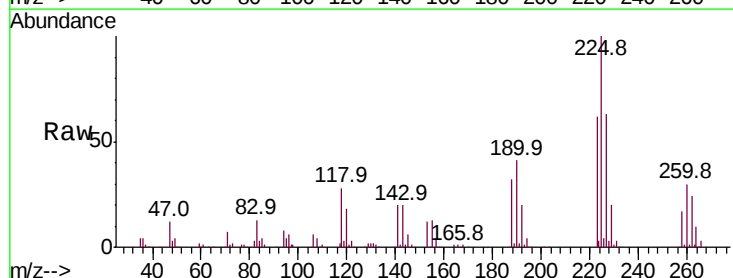
RT: 8.08 min Scan# 1019

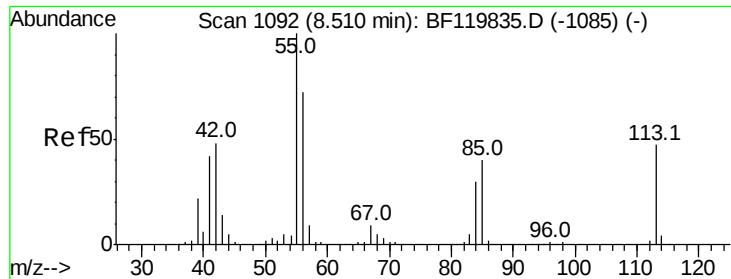
Delta R.T. 0.00 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.8	51.0	76.6		
227	63.1	50.7	76.1		





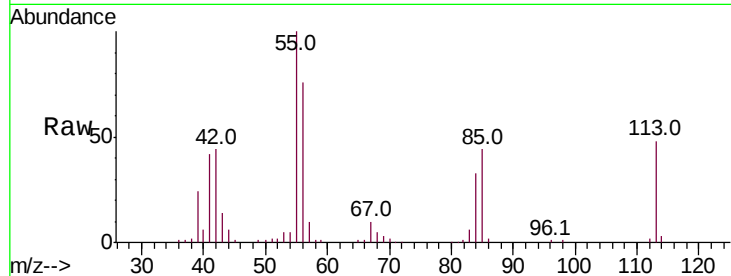
#35
 Caprolactam
 Concen: 47.038 ng/ml
 RT: 8.40 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

Instrument :
 BNA_F
 ClientSampleID :
 NB-04302020MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	207.2	218.4	258.4#
56	158.1	148.9	188.9

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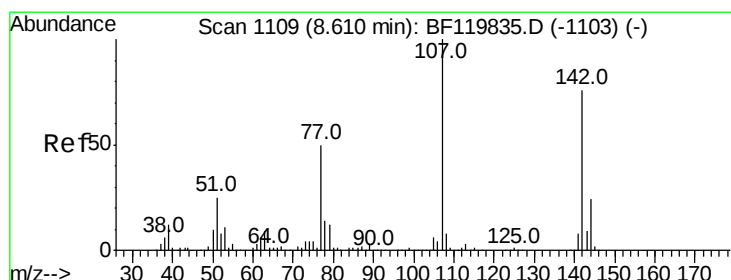
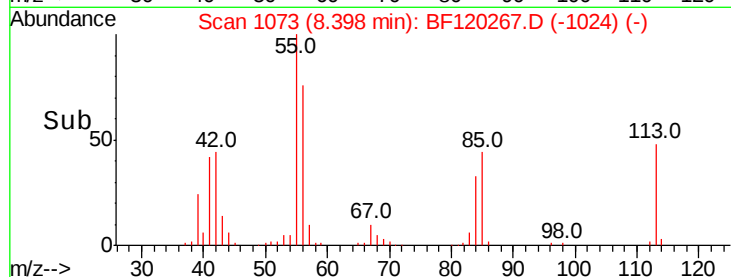
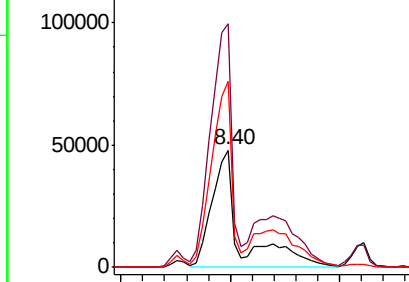


Abundance

Ion 113.00 (112.70 to 113.70): E

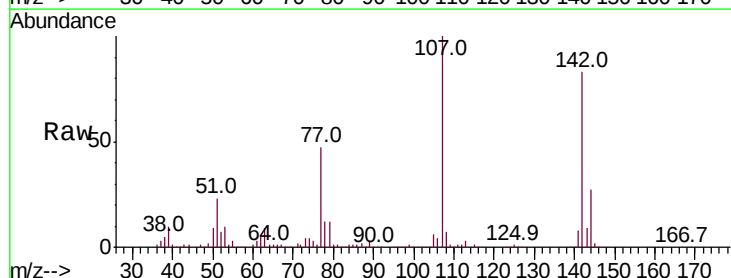
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 53.660 ng/ml
 RT: 8.52 min Scan# 1094
 Delta R.T. 0.01 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.1	21.0	31.6
142	83.3	64.4	96.6

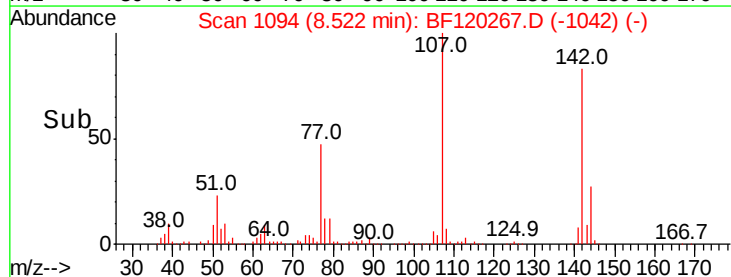
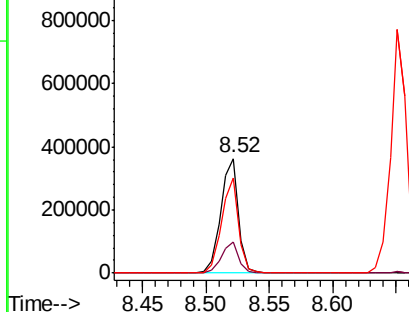


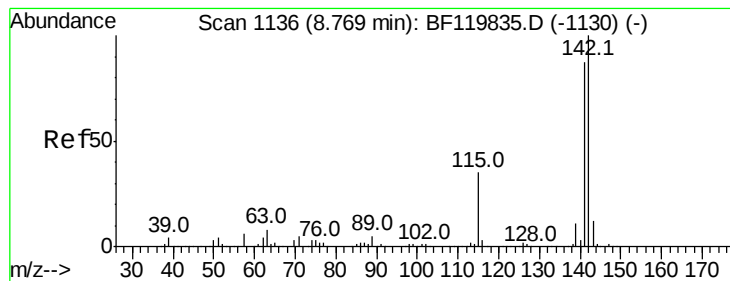
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





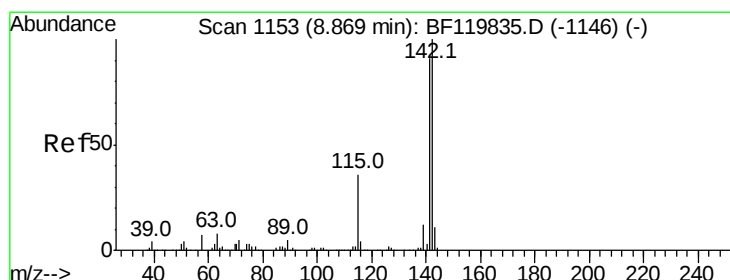
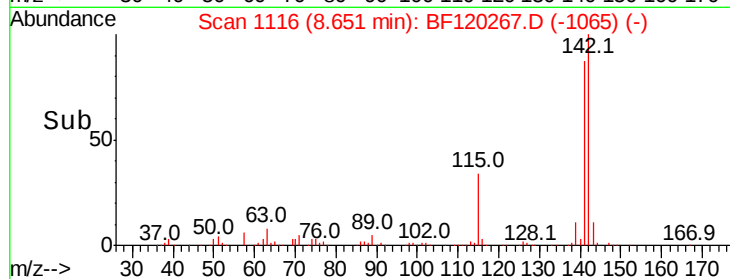
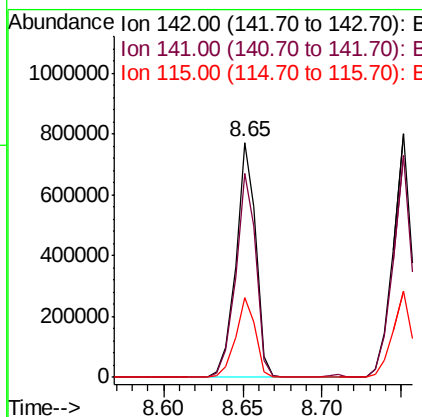
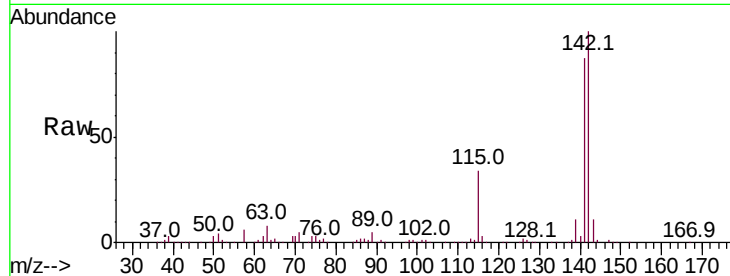
#37
2-Methylnaphthalene
Concen: 46.164 ng
RT: 8.65 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Instrument :
BNA_F
ClientSampleId :
NB-04302020MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.7	71.7	107.5
115	34.3	27.9	41.9

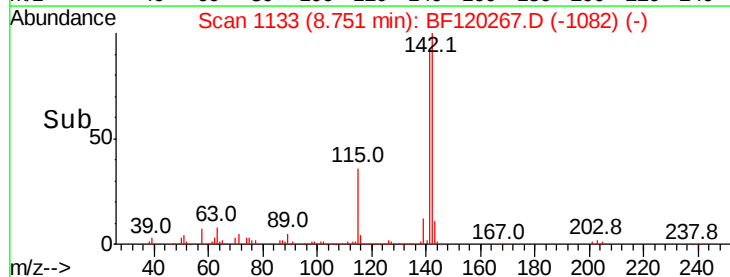
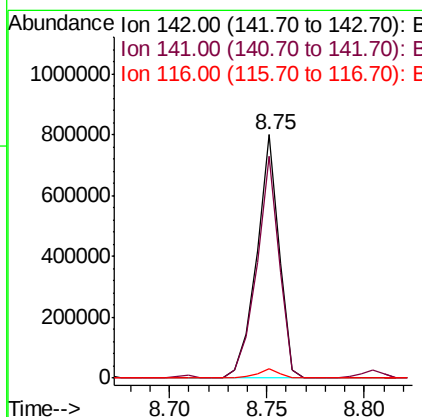
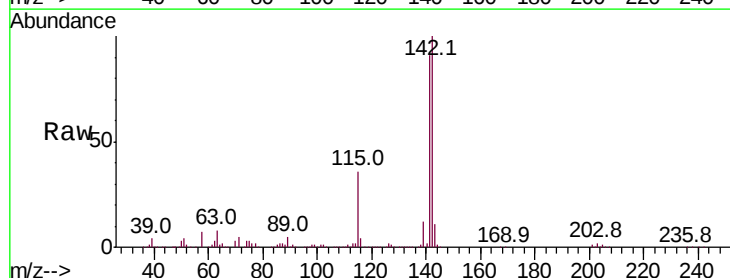
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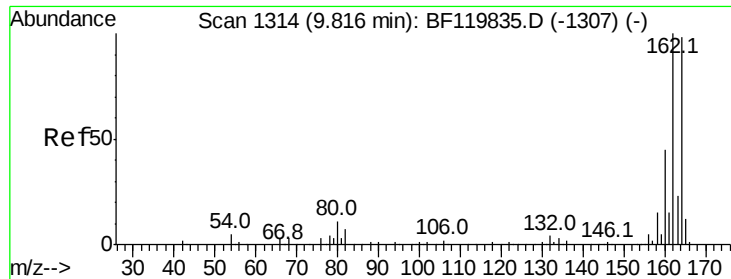
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#38
1-Methylnaphthalene
Concen: 46.538 ng
RT: 8.75 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.7	110.5
116	3.6	3.0	4.6





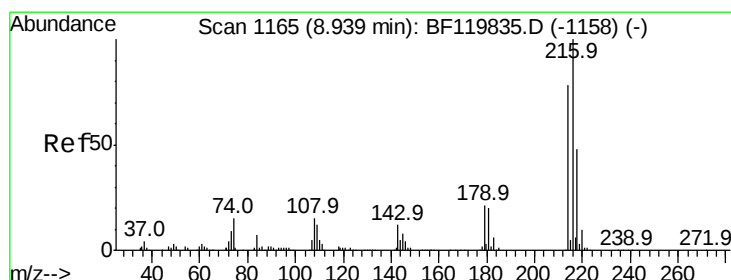
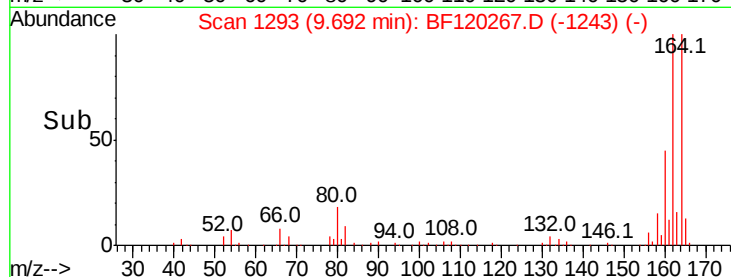
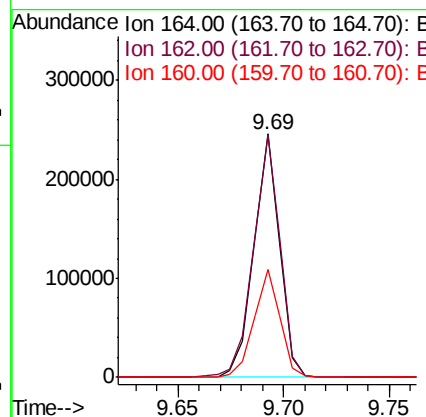
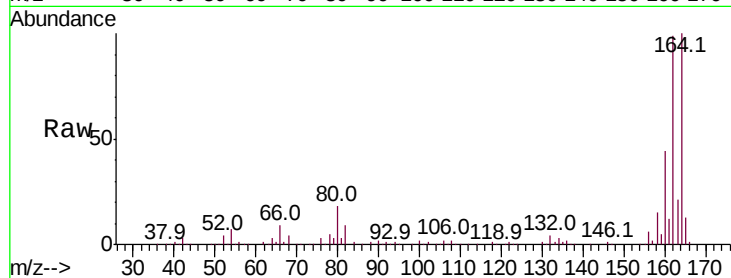
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

Instrument :
 BNA_F
 ClientSampleId :
 NB-04302020MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.3	80.6	121.0	
160	44.4	35.7	53.5	

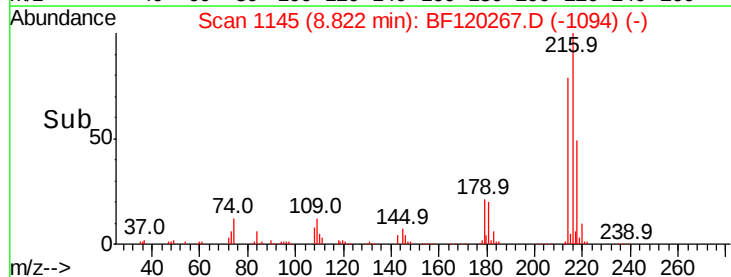
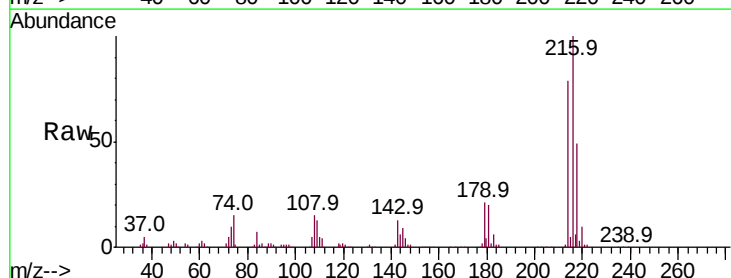
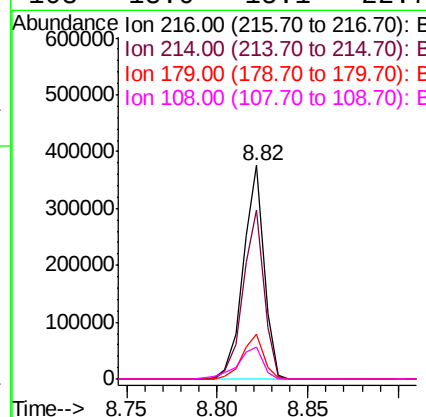
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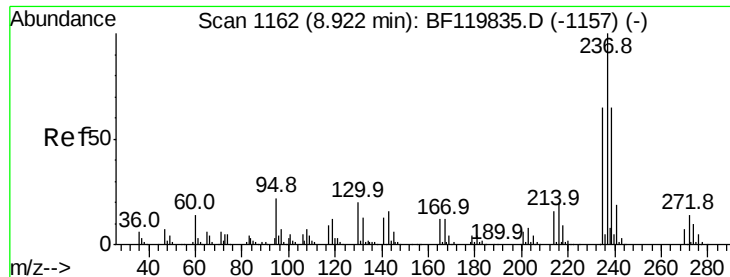
mohammad
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.566 ng
 RT: 8.82 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	63.2	94.8	
179	21.2	17.1	25.7	
108	18.0	15.1	22.7	





#41

Hexachlorocyclopentadiene

Concen: 45.990 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Instrument :

BNA_F

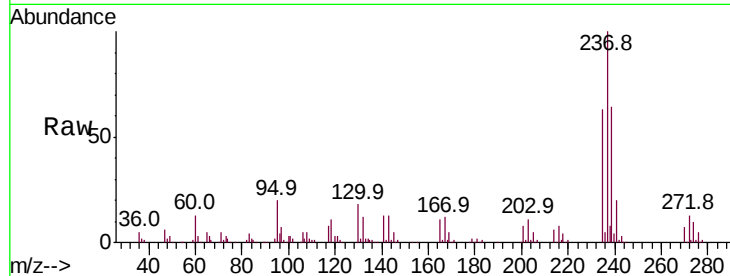
ClientSampleId :

NB-04302020MS

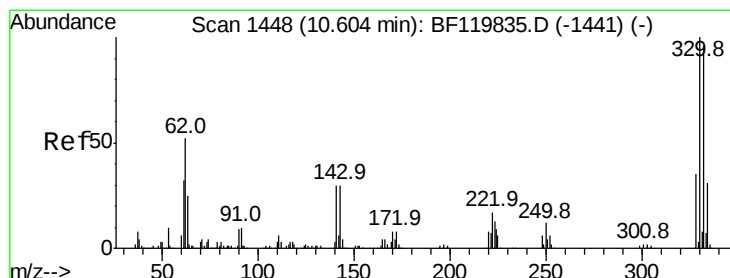
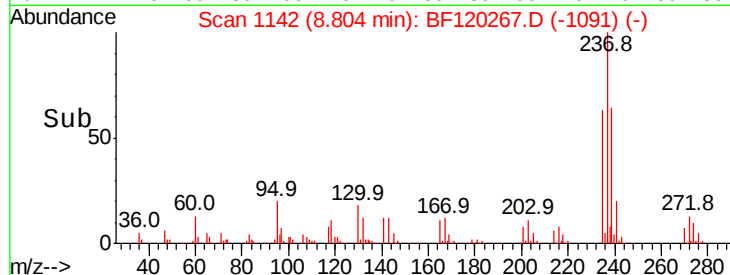
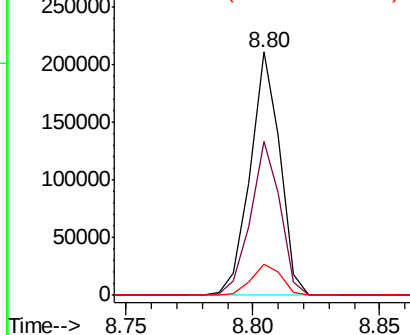
Tot Ion:	237	Resp:	172260
Ion Ratio	Lower	Upper	
237	100		
235	63.2	43.2	83.2
272	12.6	0.0	34.1

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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: 71.395 ng

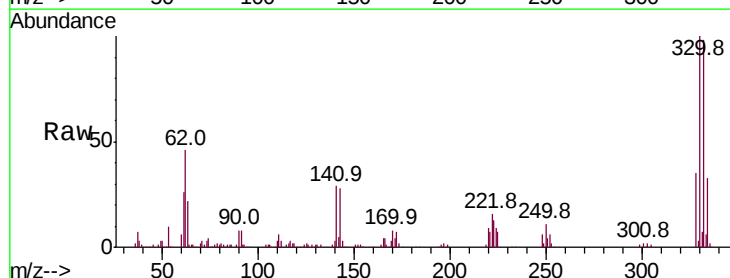
RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

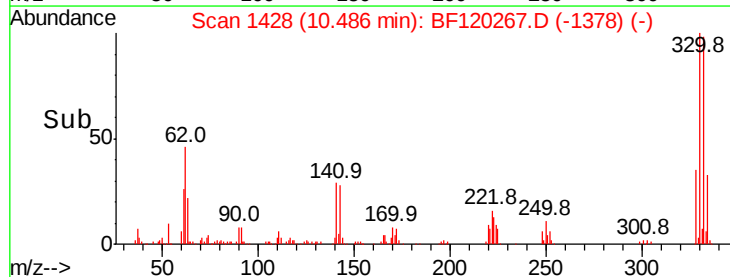
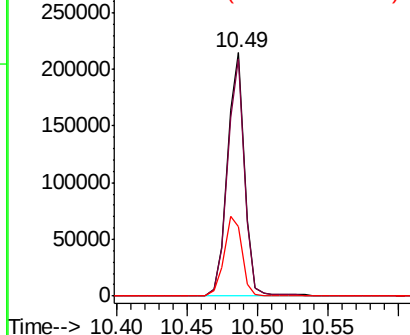
Lab File: BF120267.D

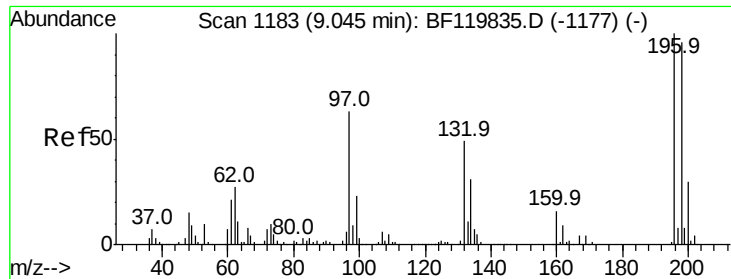
Acq: 1 May 2020 19:22

Tgt Ion:	330	Resp:	182298
Ion Ratio	Lower	Upper	
330	100		
332	97.0	75.7	113.5
141	34.5	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





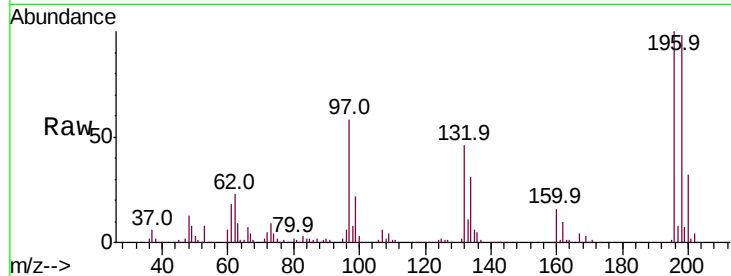
#43
 2,4,6-Trichlorophenol
 Concen: 48.274 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

Instrument :
 BNA_F
 ClientSampleId :
 NB-04302020MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	219578		
198	98.4	76.6	115.0	
200	32.1	24.6	36.8	

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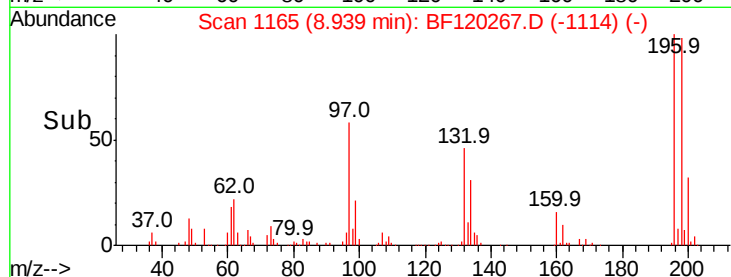
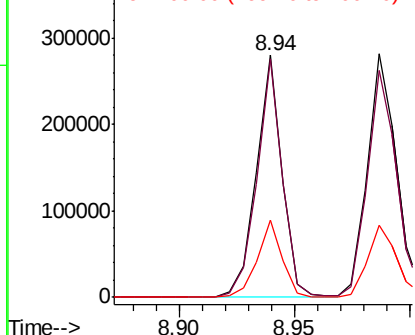


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 49.100 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	251544		
198	93.4	73.8	110.8	
97	50.2	42.6	63.8	
132	29.0	24.0	36.0	

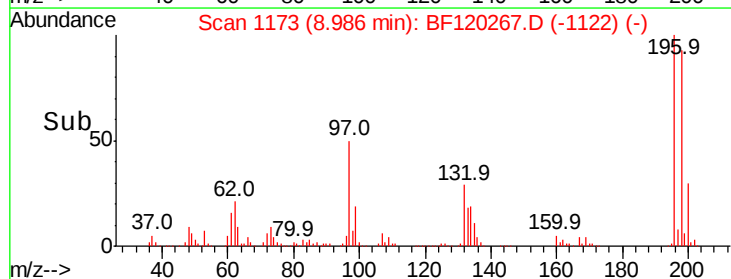
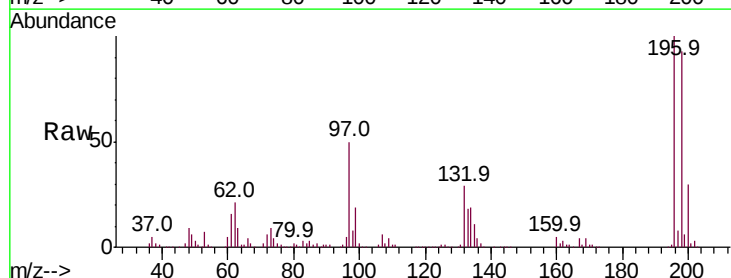
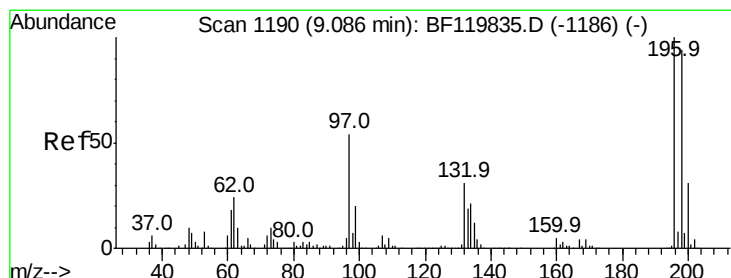
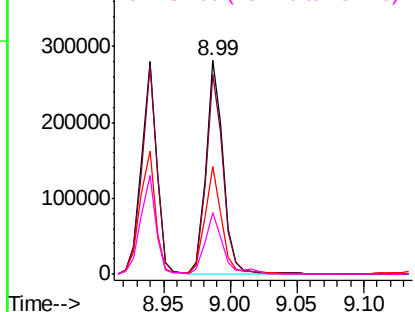
Abundance

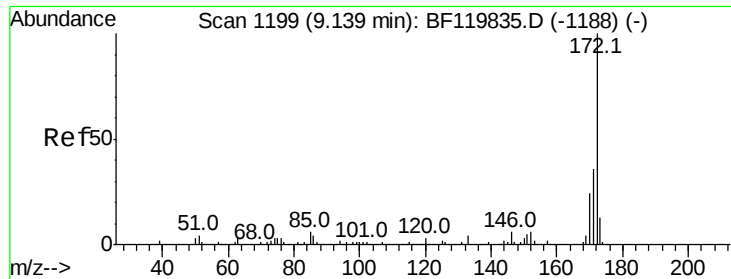
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





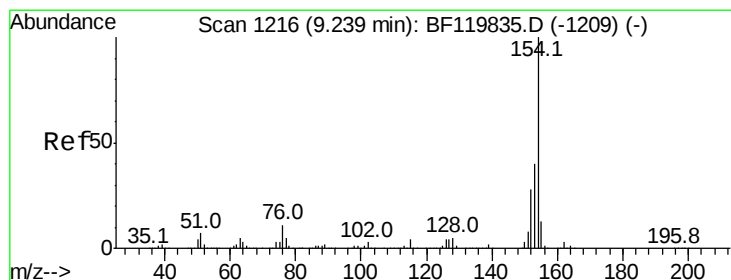
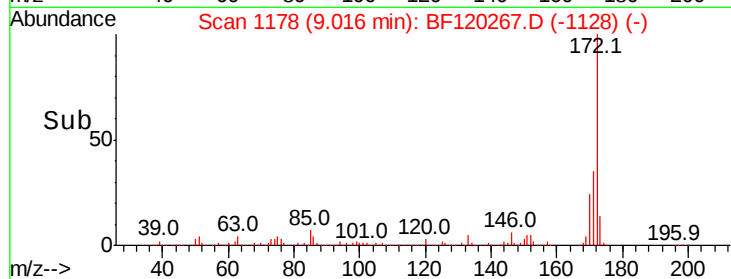
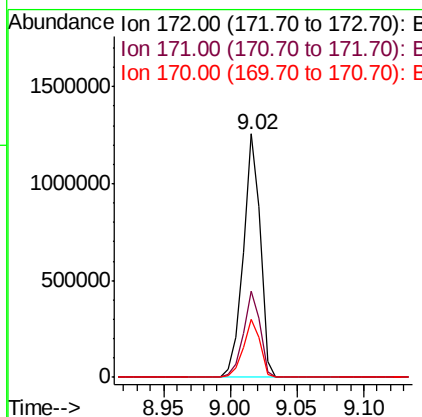
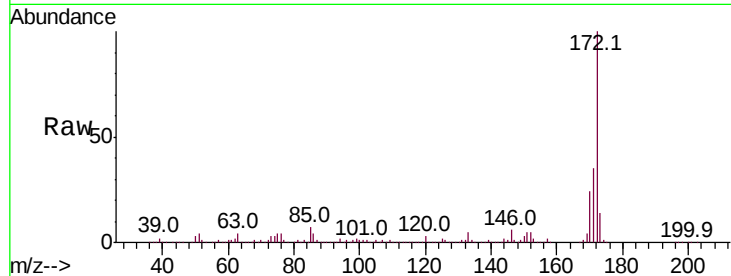
#45
2-Fluorobiphenyl
Concen: 75.013 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Instrument :
BNA_F
ClientSampleId :
NB-04302020MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	23.6	20.2	30.2

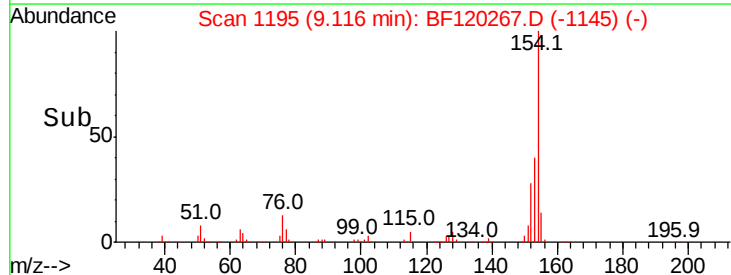
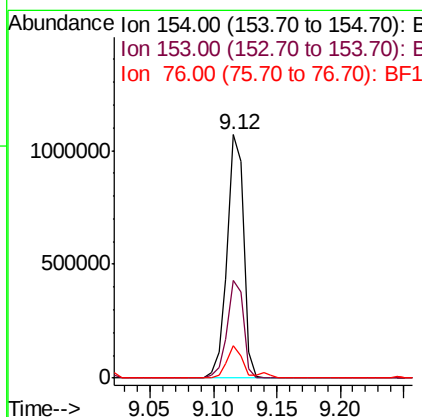
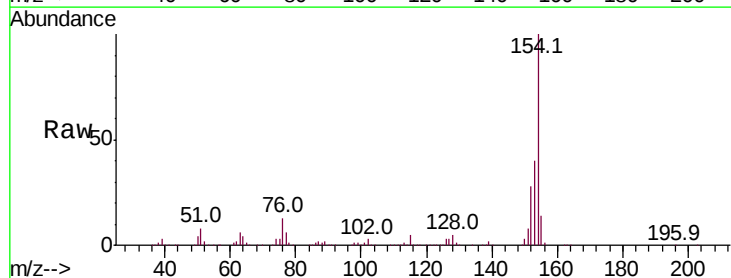
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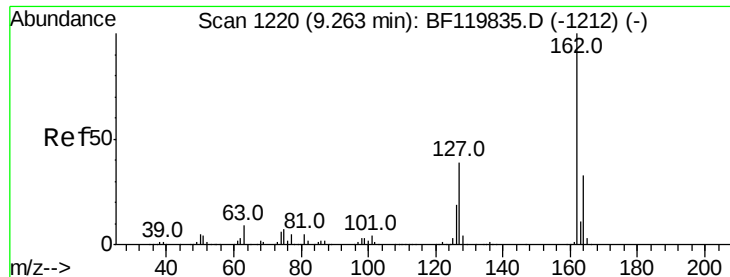
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#46
1,1'-Biphenyl
Concen: 54.568 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.4	61.4
76	13.1	0.0	33.0





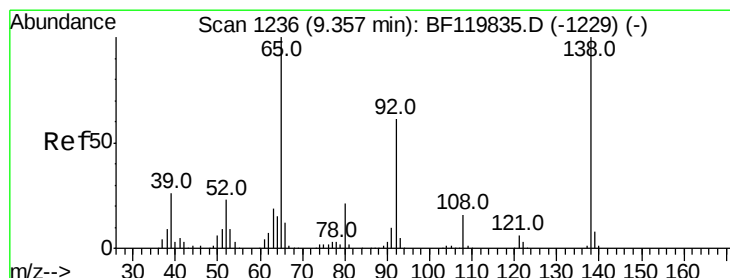
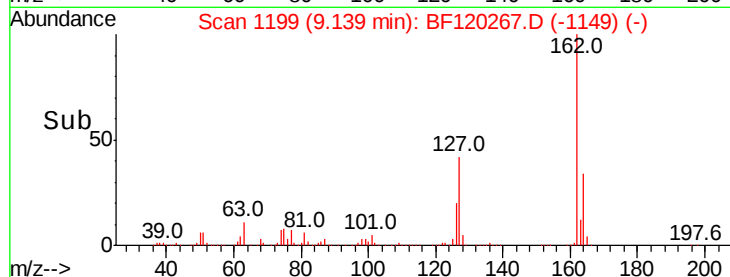
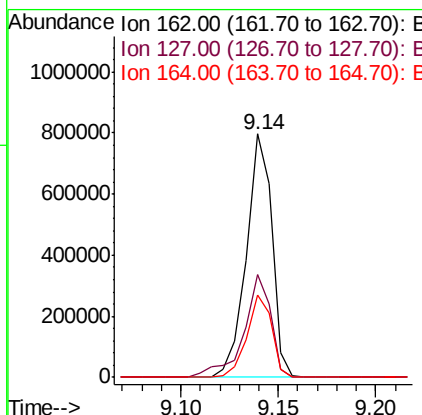
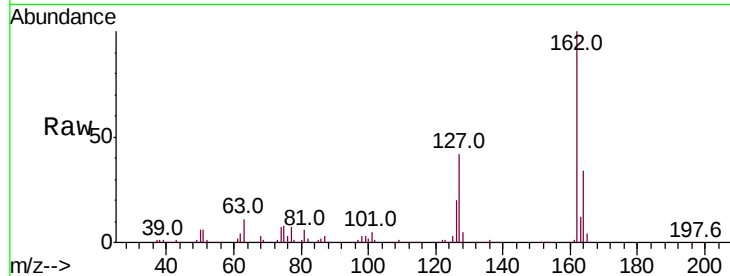
#47
 2-Chloronaphthalene
 Concen: 53.429 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

Instrument :
 BNA_F
 ClientSampleId :
 NB-04302020MS

Tot Ion:162	Resp:	724516
Ion Ratio	Lower	Upper
162 100		
127 42.3	33.7	50.5
164 33.6	26.3	39.5

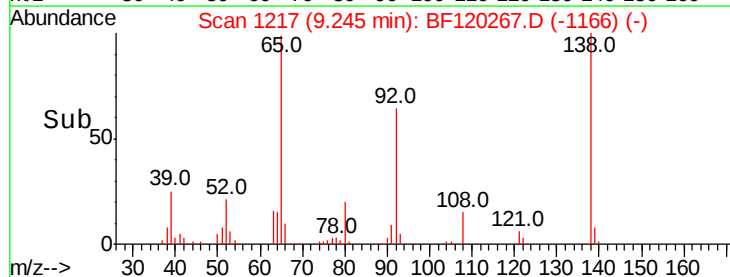
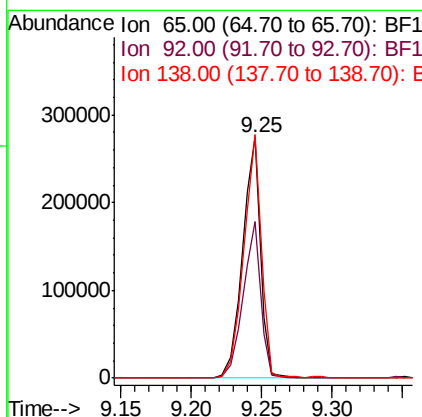
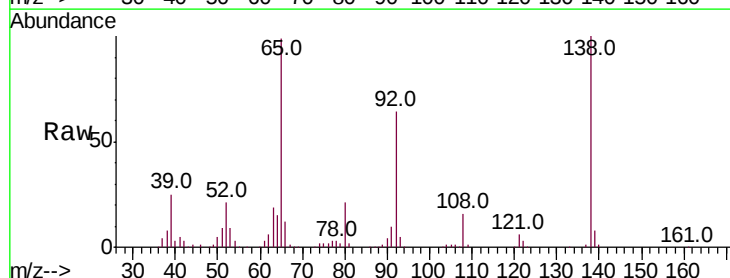
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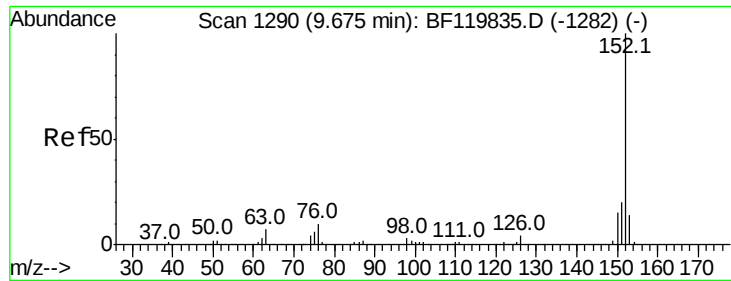
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#48
 2-Nitroaniline
 Concen: 49.245 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

Tgt Ion: 65	Resp:	241995
Ion Ratio	Lower	Upper
65 100		
92 65.1	50.0	75.0
138 101.1	75.0	112.4





#49

Acenaphthylene

Concen: 53.570 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Instrument :

BNA_F

ClientSampleId :

NB-04302020MS

Tot Ion:152 Resp: 1104751

Ion Ratio Lower Upper

152 100

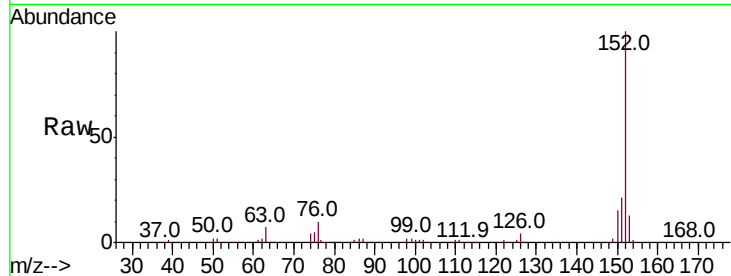
151 20.7 17.2 25.8

153 13.4 11.2 16.8

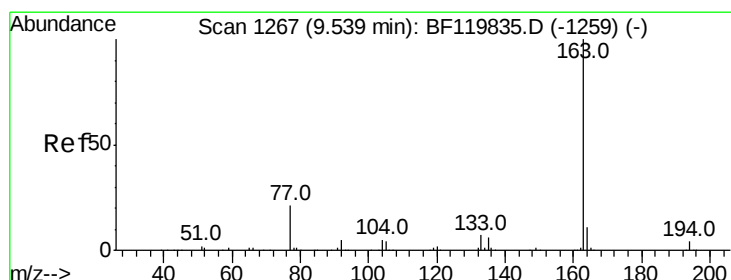
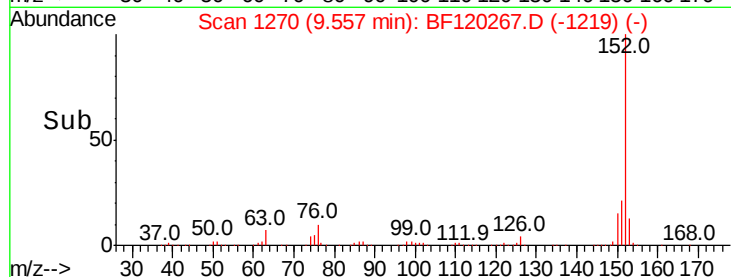
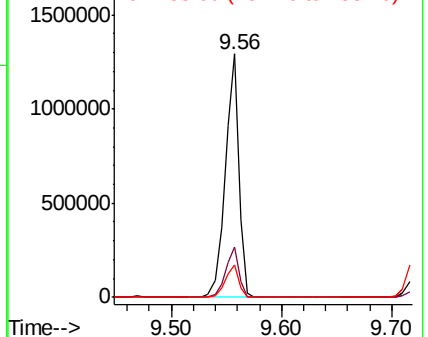
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 64.629 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

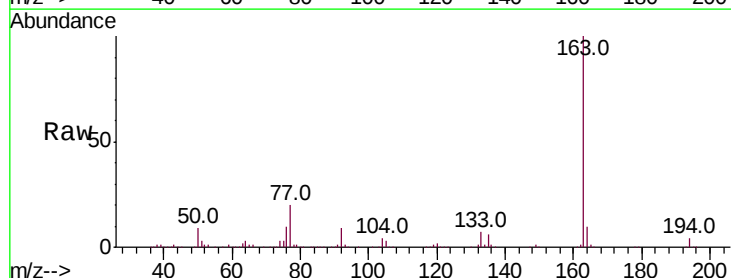
Tgt Ion:163 Resp: 1042544

Ion Ratio Lower Upper

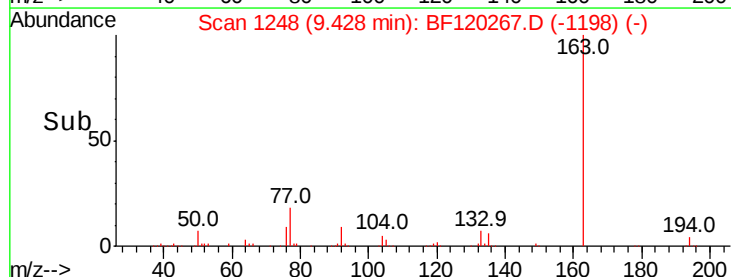
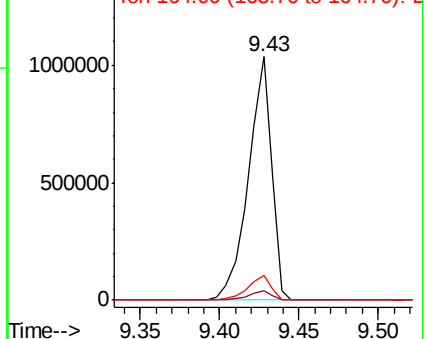
163 100

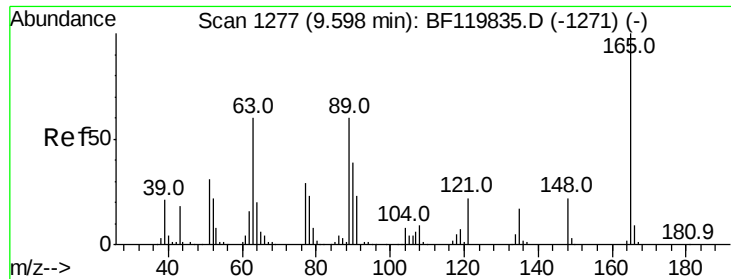
194 3.8 3.1 4.7

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





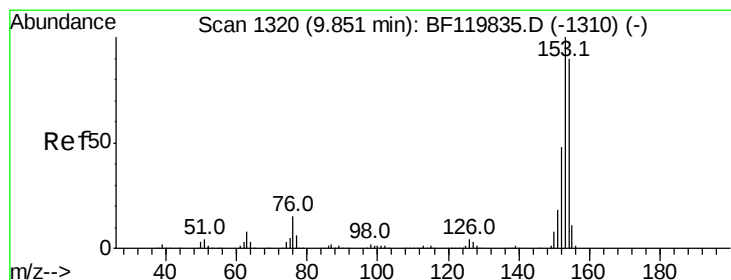
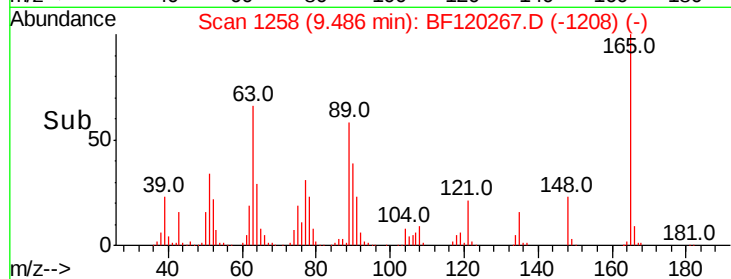
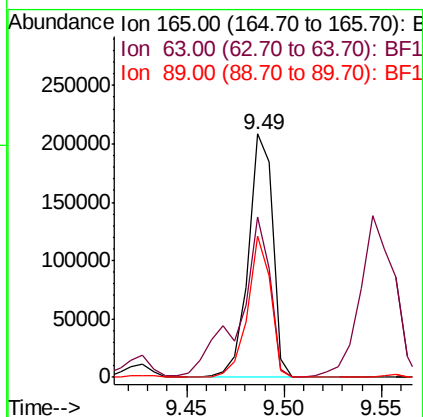
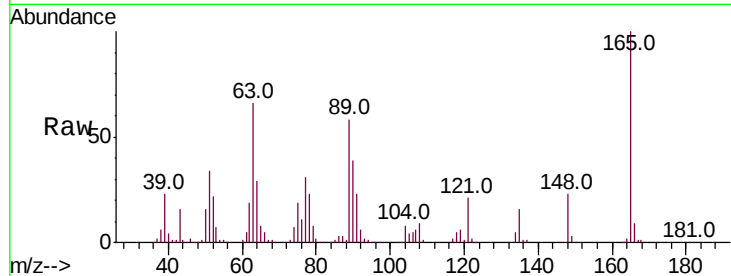
#51
 2,6-Dinitrotoluene
 Concen: 51.094 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. -0.01 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

Instrument :
 BNA_F
 ClientSampleId :
 NB-04302020MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	180488		
63	65.9	45.0	67.4	
89	57.8	41.5	62.3	

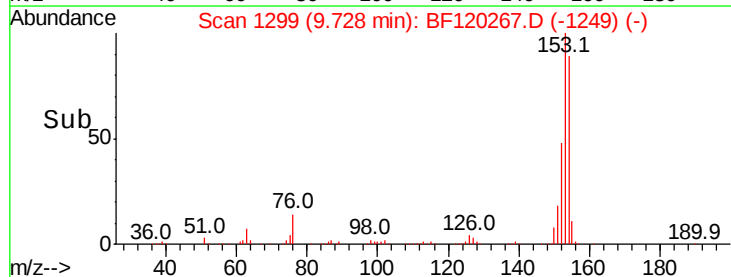
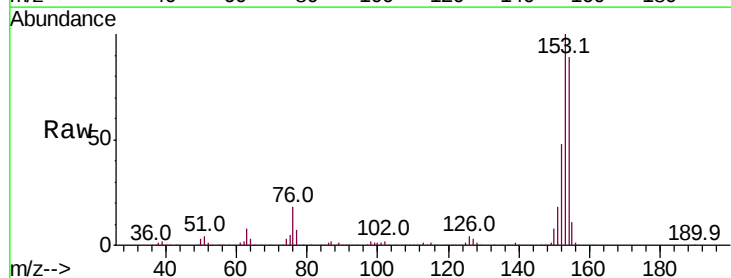
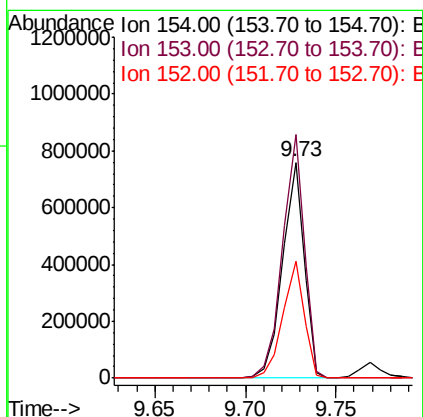
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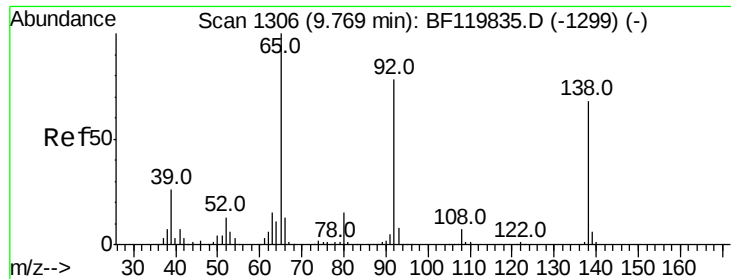
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#52
 Acenaphthene
 Concen: 46.168 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	635125		
153	112.8	88.1	132.1	
152	54.2	43.0	64.4	





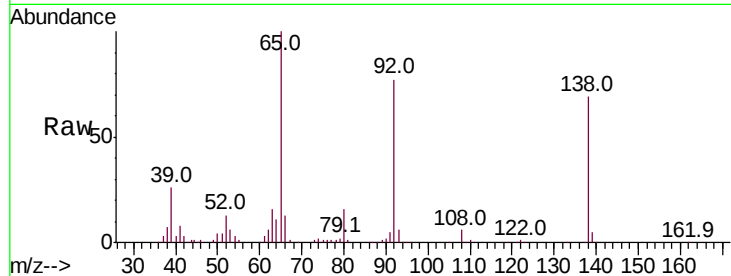
#53
 3-Nitroaniline
 Concen: 22.373 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. -0.01 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

Instrument :
 BNA_F
 ClientSampleId :
 NB-04302020MS

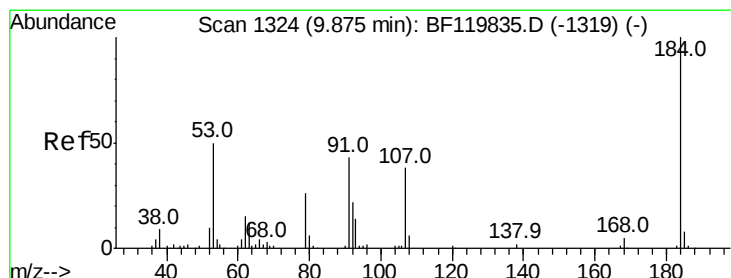
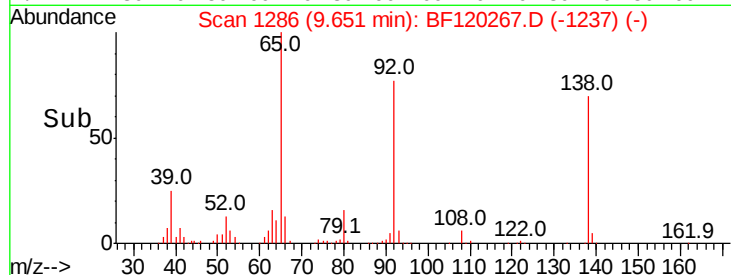
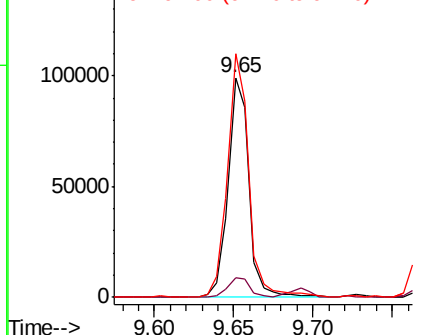
Tot Ion:138	Resp:	90260
Ion Ratio	Lower	Upper
138	100	
108	9.0	8.6 13.0
92	111.0	95.4 143.0

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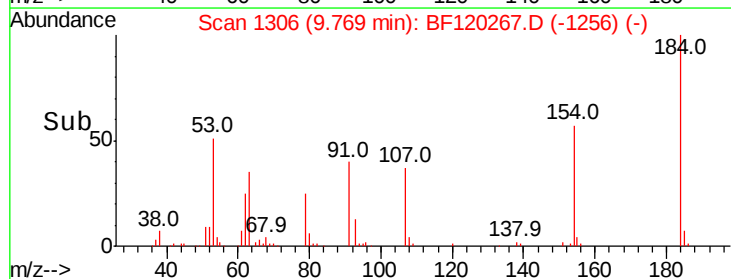
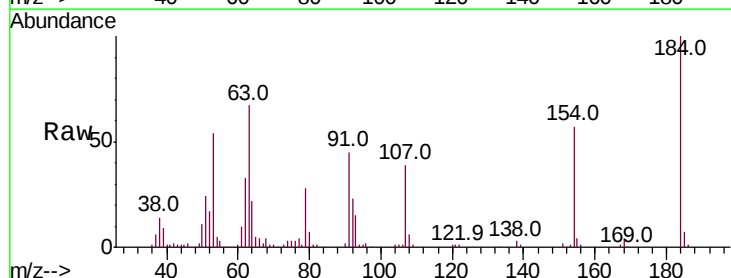
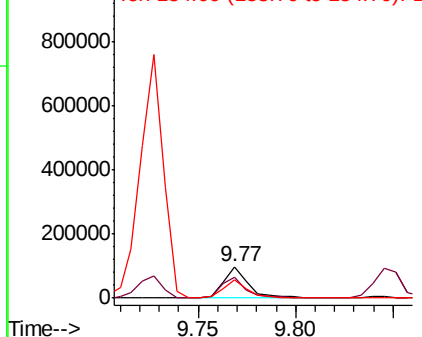
Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

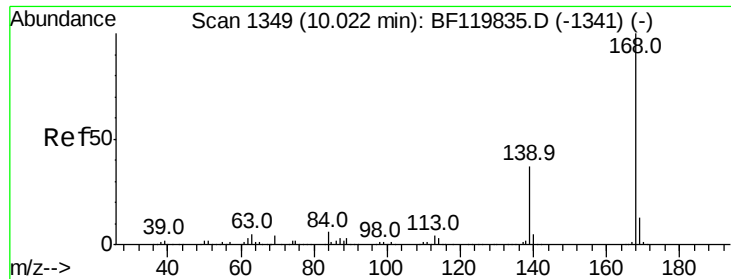


#54
 2,4-Dinitrophenol
 Concen: 40.864 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

Tgt Ion:184	Resp:	86423
Ion Ratio	Lower	Upper
184	100	
63	66.6	50.2 75.4
154	56.7	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





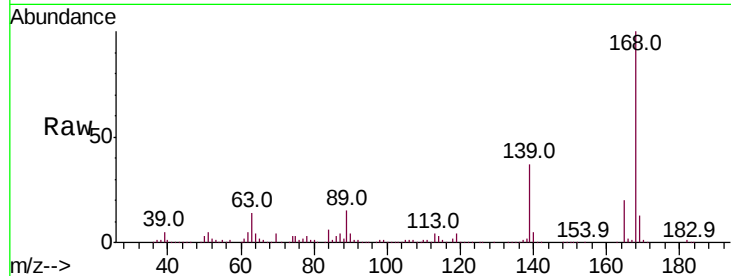
#55
Dibenzofuran
Concen: 45.036 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Instrument :
BNA_F
ClientSampleId :
NB-04302020MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	850171		
139	36.8	30.1	45.1	
169	13.3	11.0	16.6	

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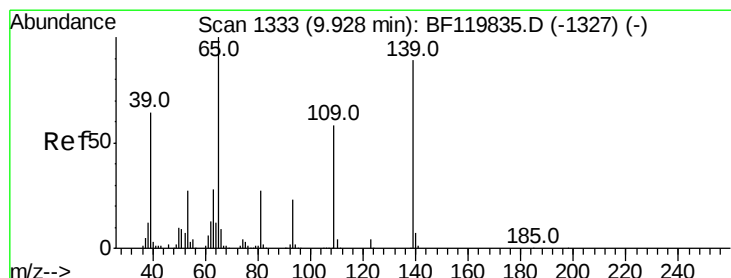
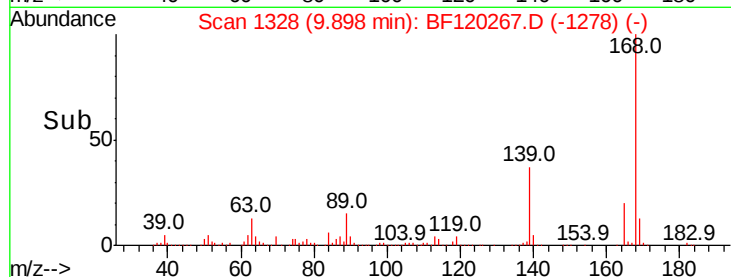
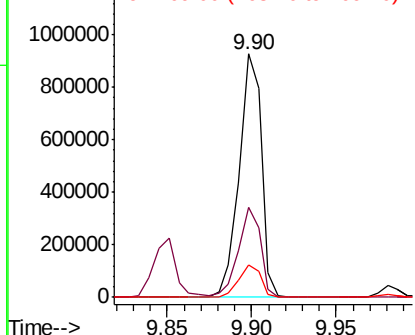


Abundance

Ion 168.00 (167.70 to 168.70): E

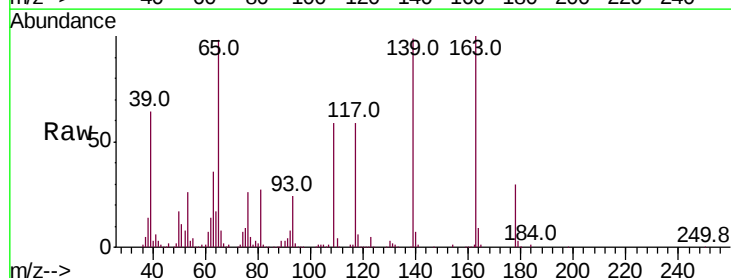
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 68.915 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	206869		
109	59.2	43.3	83.3	
65	99.2	91.0	131.0	

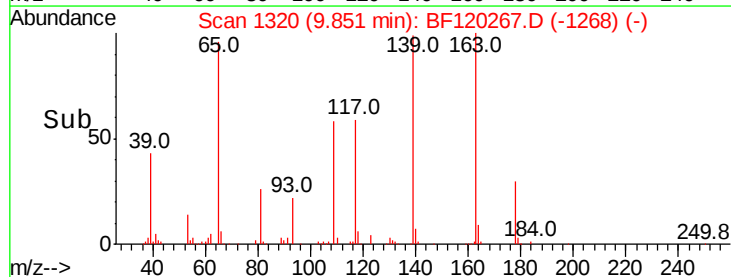
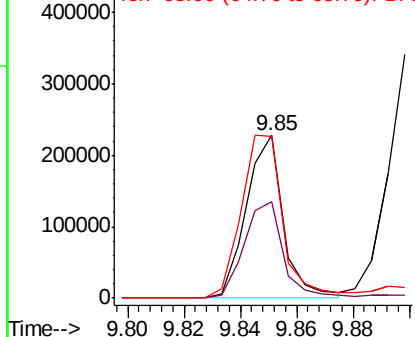


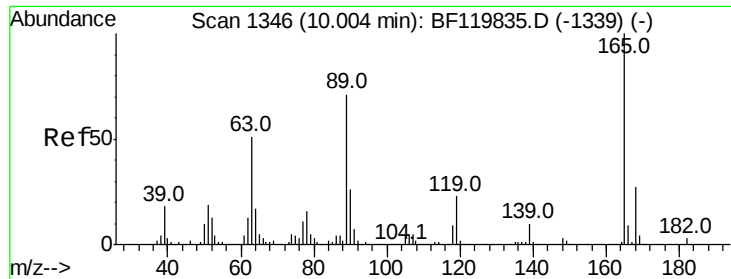
Abundance

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





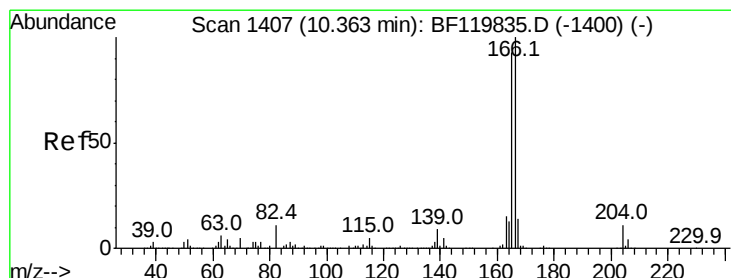
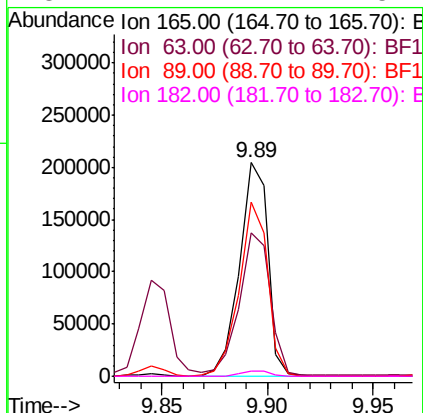
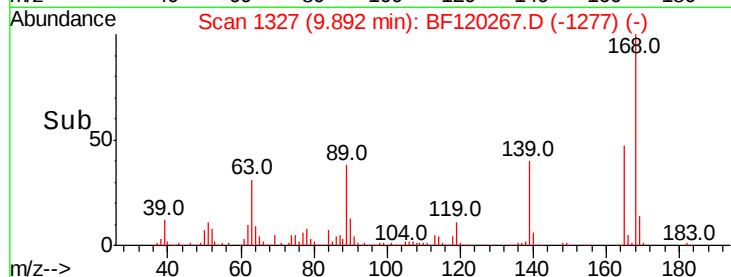
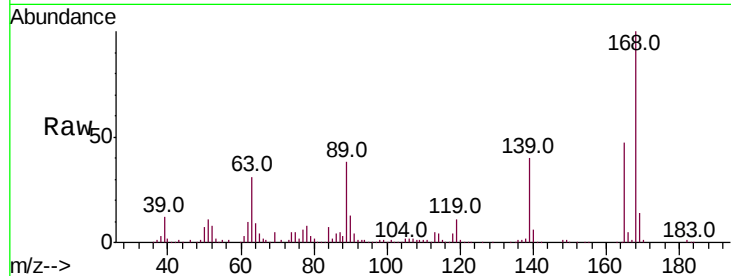
#57
 2,4-Dinitrotoluene
 Concen: 40.895 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

Instrument :
 BNA_F
 ClientSampleId :
 NB-04302020MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	190329		
63	66.9	42.6	64.0#	
89	81.7	61.0	91.4	
182	2.4	2.2	3.2	

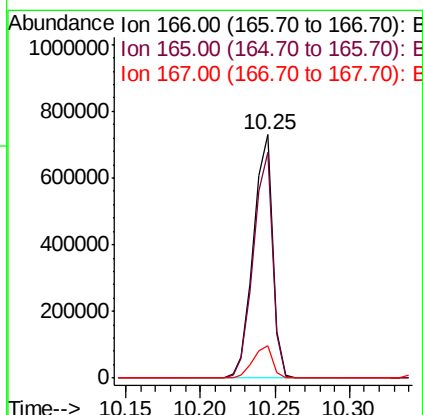
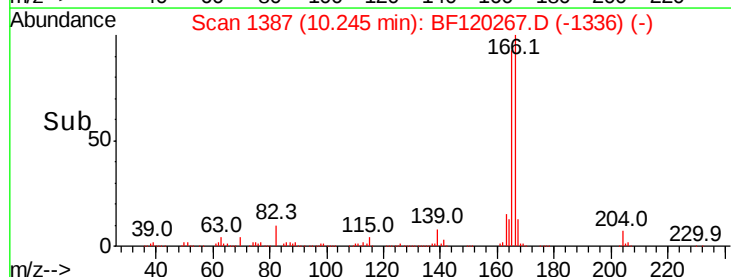
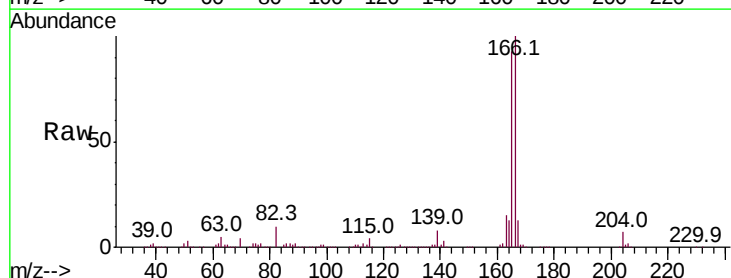
Manual Integrations
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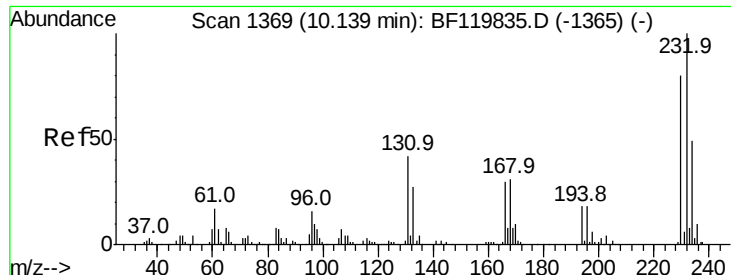
mohammad
 5/4/2020 3:45:20 PM



#58
 Fluorene
 Concen: 43.270 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	653255		
165	92.7	75.4	113.2	
167	13.3	11.2	16.8	





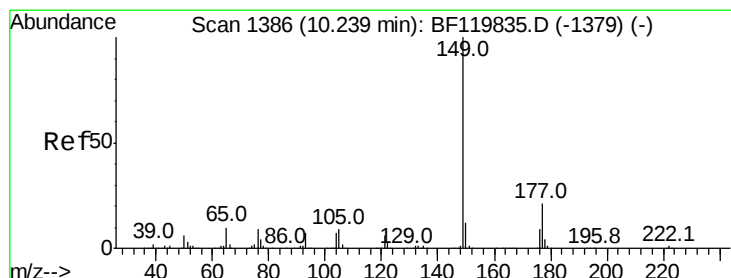
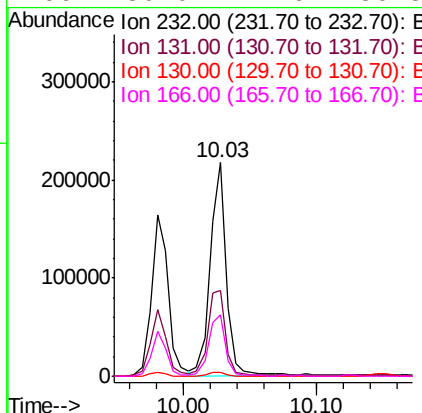
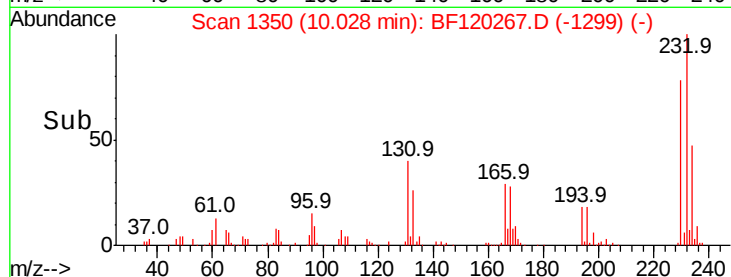
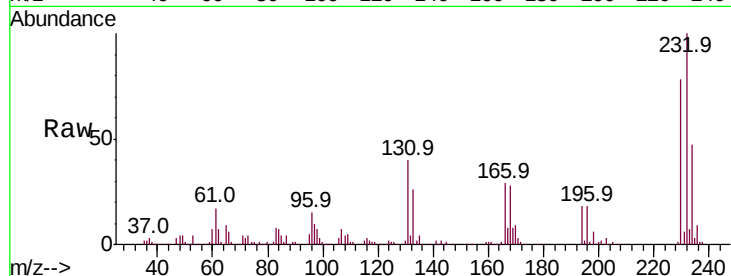
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.173 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

Instrument :
 BNA_F
 ClientSampleId :
 NB-04302020MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	184834		
131	44.5	37.5	56.3	
130	2.2	1.8	2.6	
166	30.0	24.6	36.8	

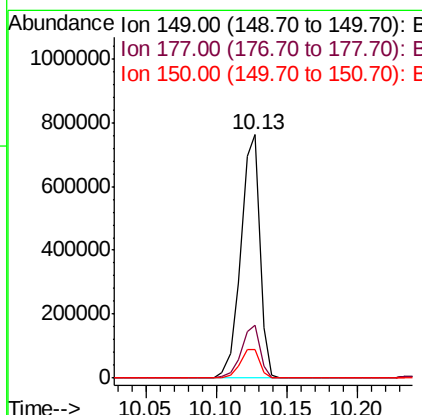
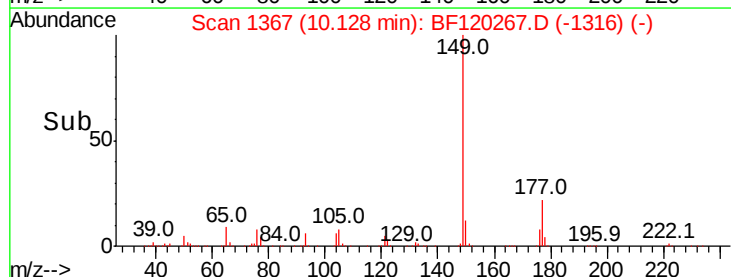
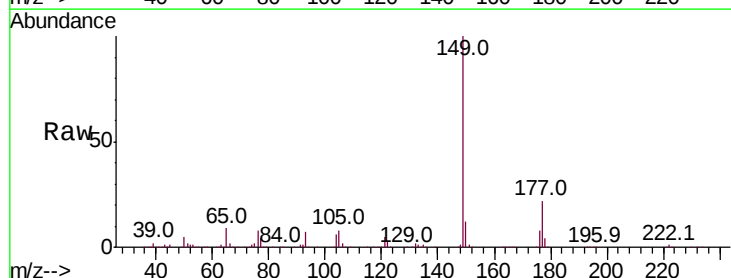
Manual Integrations
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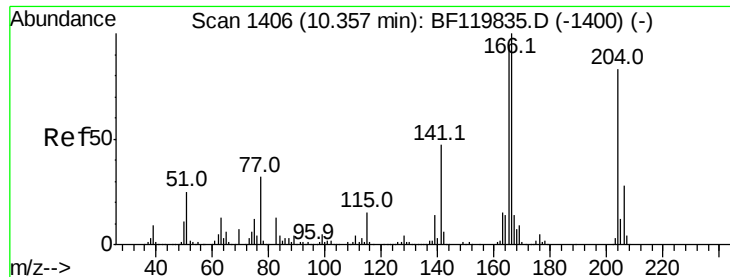
mohammad
 5/4/2020 3:45:20 PM



#60
 Diethylphthalate
 Concen: 42.682 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	713588		
177	21.5	17.0	25.6	
150	11.8	10.1	15.1	





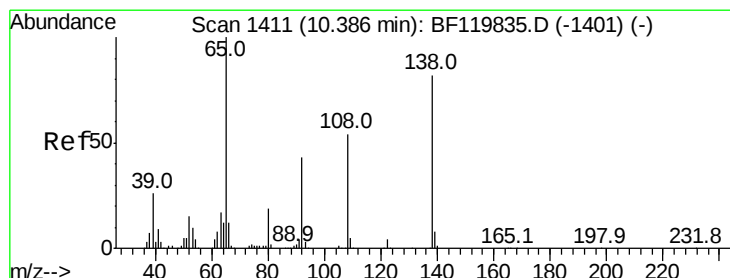
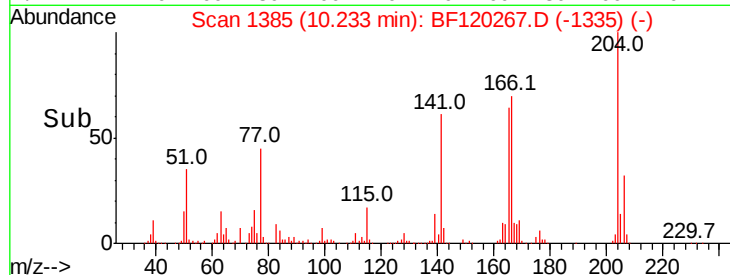
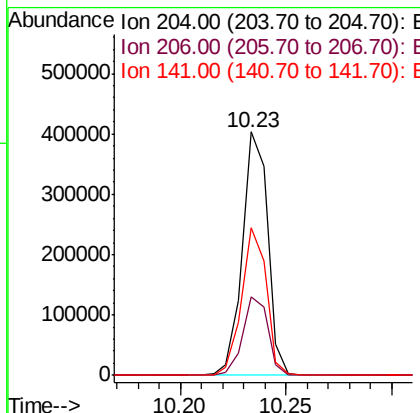
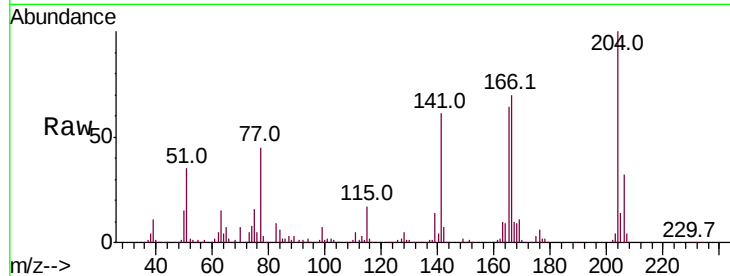
#61
4-Chlorophenyl-phenylether
Concen: 43.238 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Instrument :
BNA_F
ClientSampleId :
NB-04302020MS

Tot Ion:	204	Resp:	334571
Ion Ratio	Lower	Upper	
204	100		
206	32.3	26.7	40.1
141	60.6	47.3	70.9

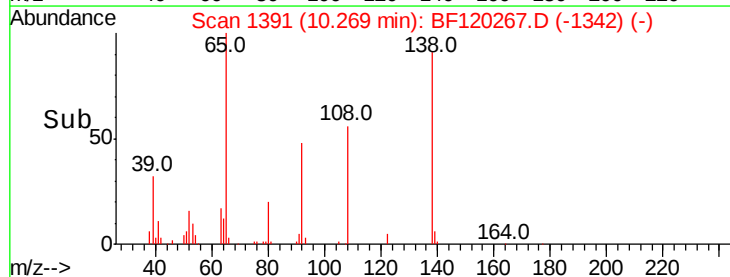
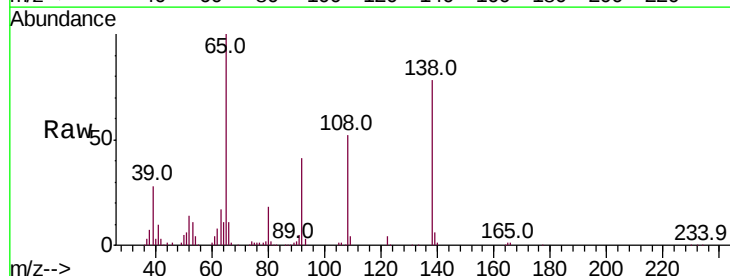
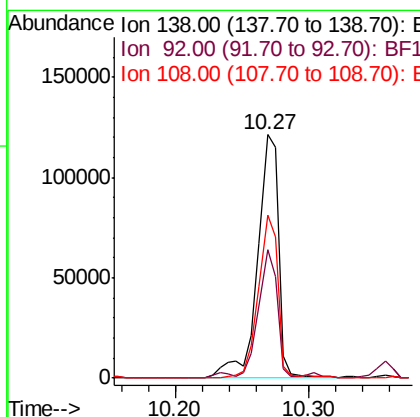
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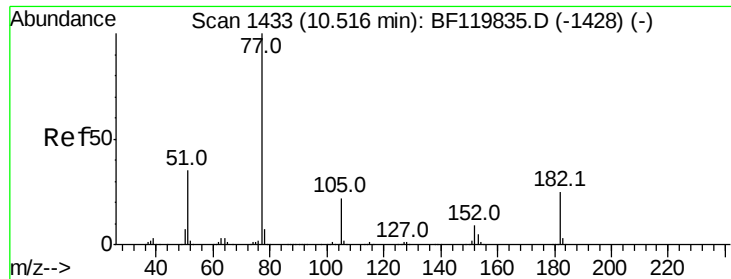
mohammad
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#62
4-Nitroaniline
Concen: 34.248 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Tgt Ion:	138	Resp:	131678
Ion Ratio	Lower	Upper	
138	100		
92	52.8	31.5	71.5
108	66.8	45.8	85.8





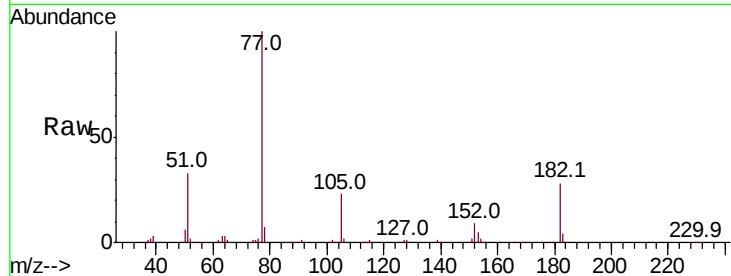
#63
Azobenzene
Concen: 43.314 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Instrument :
BNA_F
ClientSampleId :
NB-04302020MS

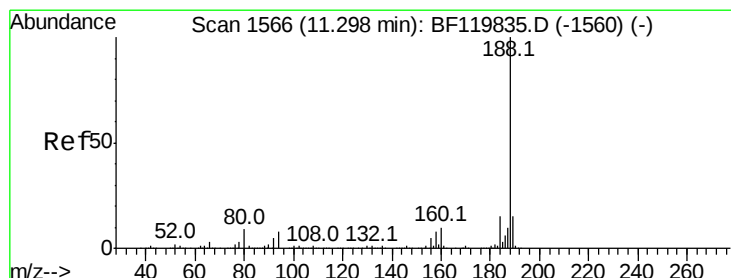
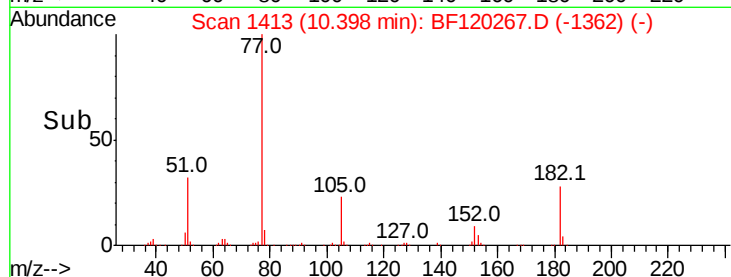
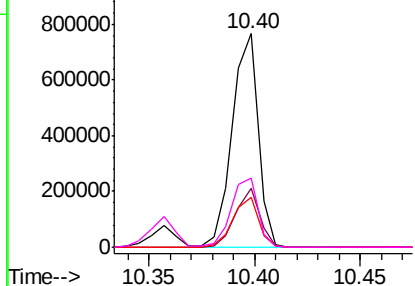
Tot Ion	Ratio	Resp	Lower	Upper
77	100	648978		
182	27.7	4.4	44.4	
105	23.4	2.6	42.6	
51	32.5	15.1	55.1	

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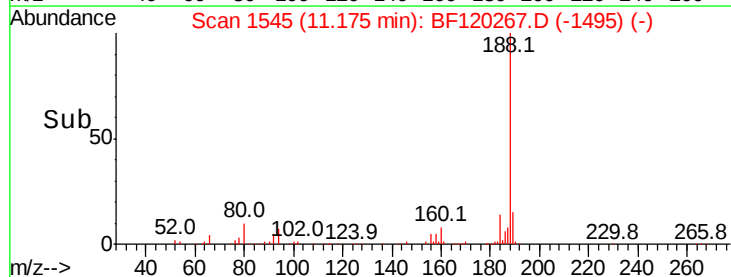
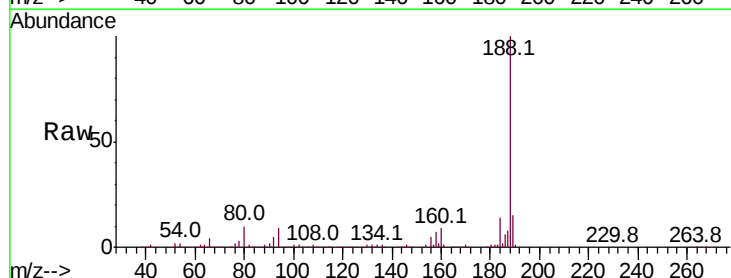
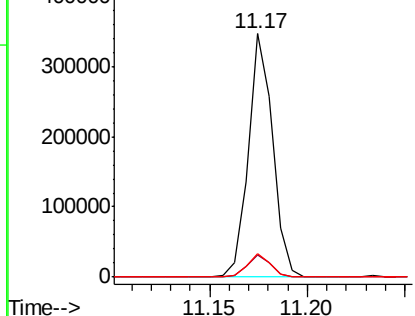
Abundance Ion 77.00 (76.70 to 77.70): BF1
1200000
Ion 182.00 (181.70 to 182.70): BF1
1000000
Ion 105.00 (104.70 to 105.70): BF1
500000
Ion 51.00 (50.70 to 51.70): BF1

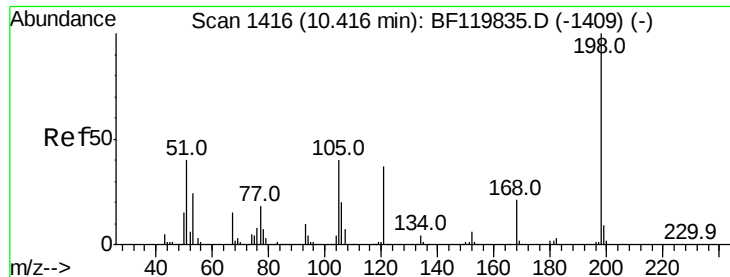


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	297223		
94	9.3	7.5	11.3	
80	9.8	9.0	13.4	

Abundance Ion 188.00 (187.70 to 188.70): BF1
400000
Ion 94.00 (93.70 to 94.70): BF1
300000
Ion 80.00 (79.70 to 80.70): BF1





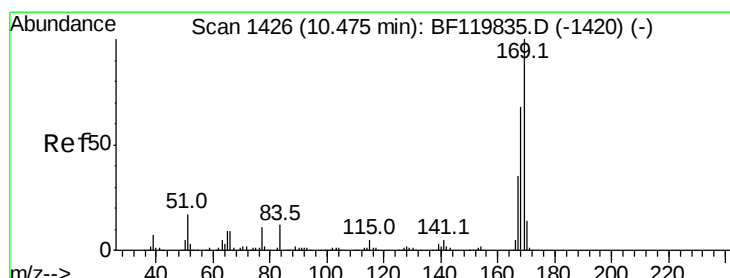
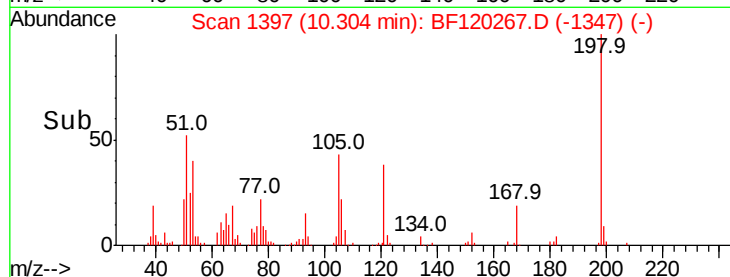
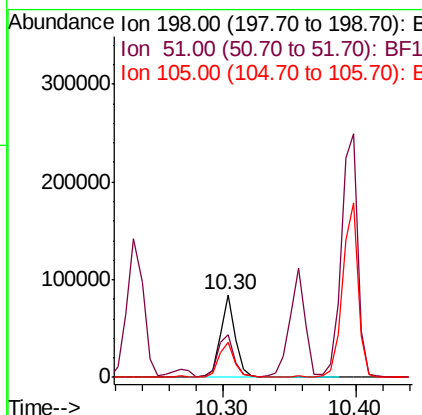
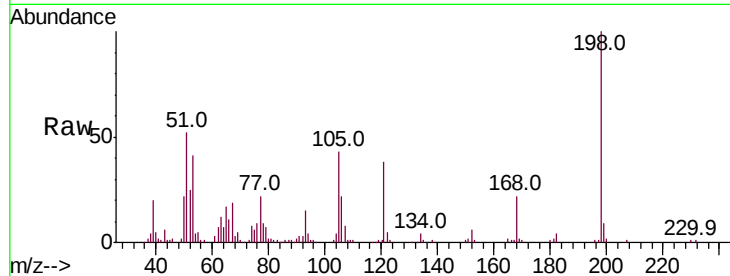
#65
4,6-Dinitro-2-methylphenol
Concen: 34.451 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Instrument :
BNA_F
ClientSampleId :
NB-04302020MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	52.0	29.0	69.0
105	42.9	22.2	62.2

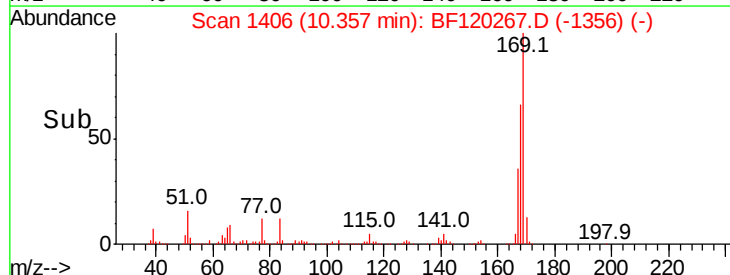
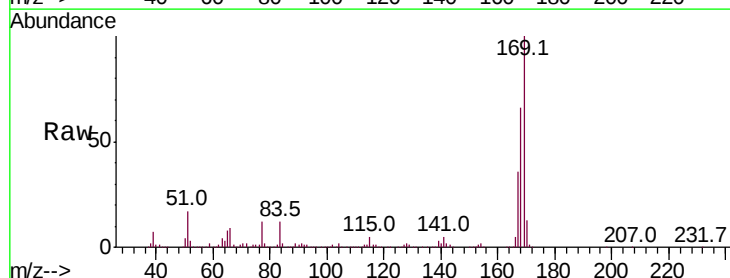
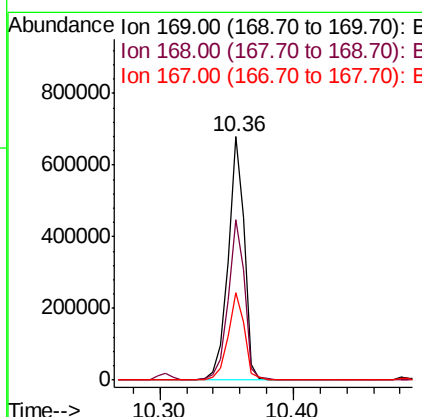
Manual Integrations
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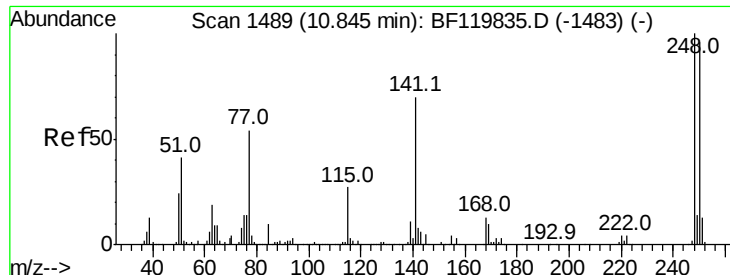
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 58.621 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.0	53.2	79.8
167	36.0	29.1	43.7





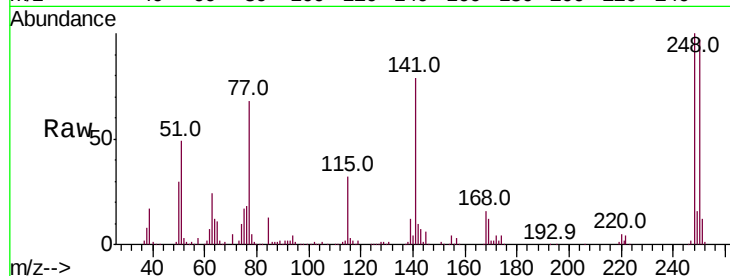
#67
4-Bromophenyl-phenylether
Concen: 48.362 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Instrument :
BNA_F
ClientSampleId :
NB-04302020MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.3	115.9
141	78.7	58.6	87.8

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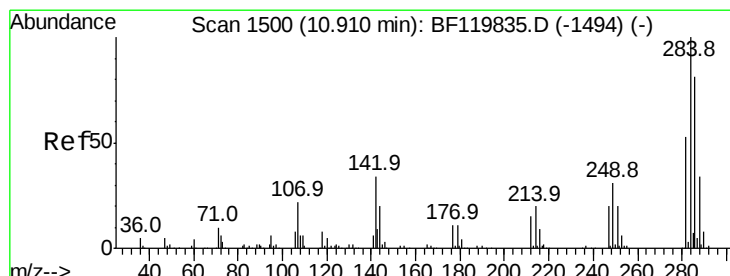
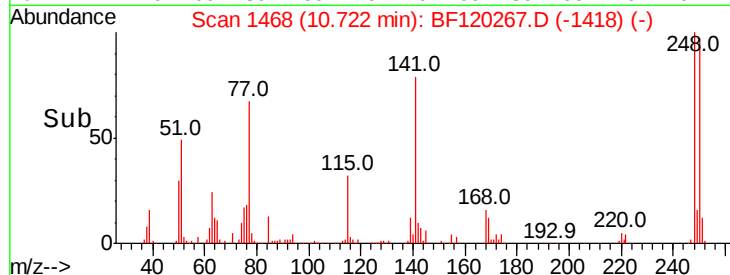
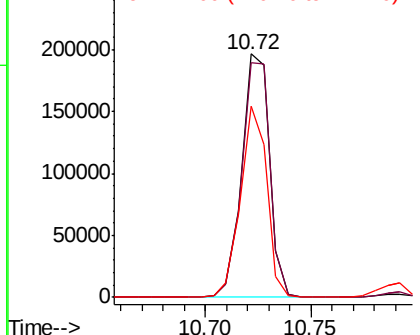


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 49.179 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

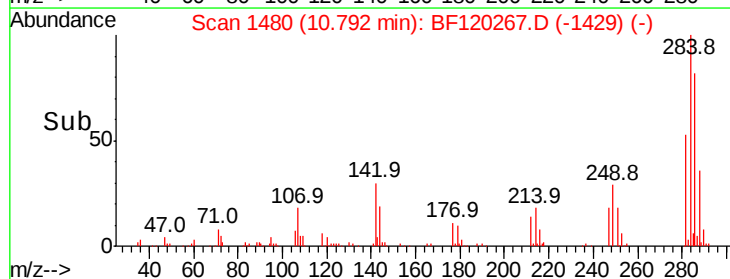
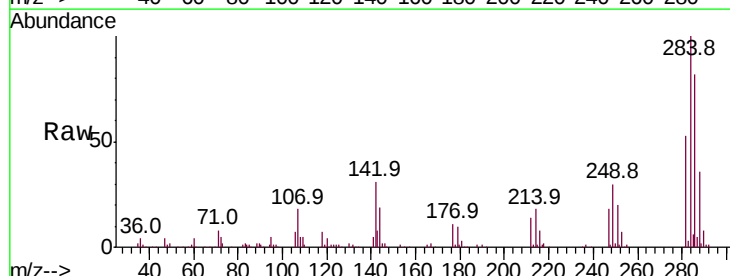
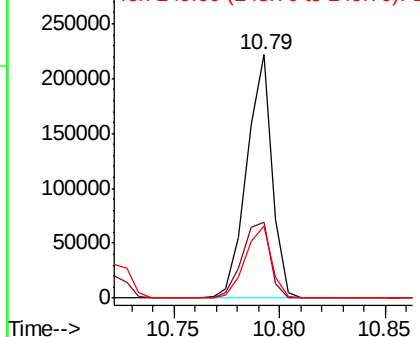
Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.0	29.2	43.8
249	29.7	25.1	37.7

Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





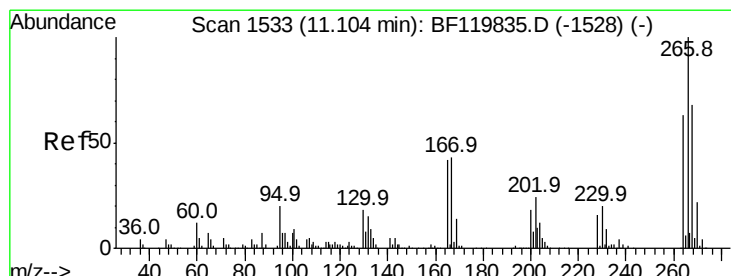
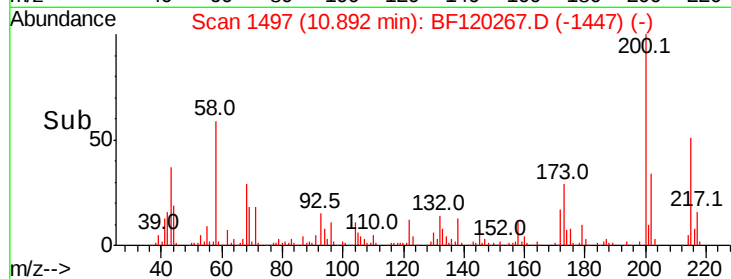
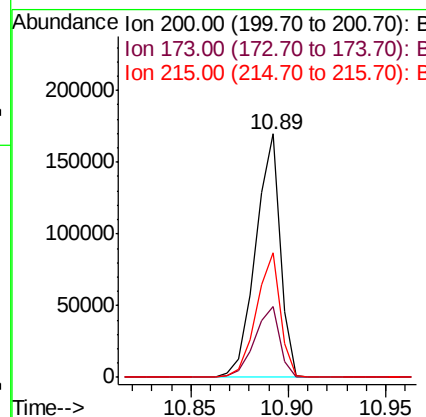
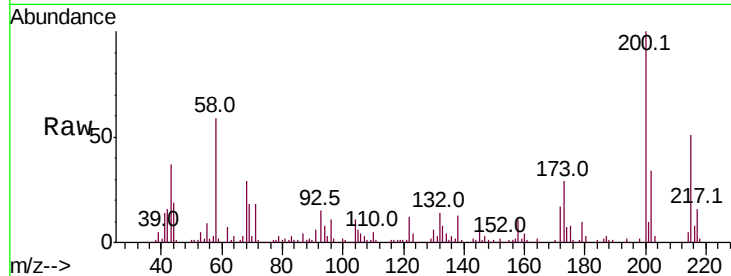
#69
Atrazine
Concen: 53.972 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Instrument :
BNA_F
ClientSampleId :
NB-04302020MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.8	9.3	49.3
215	51.2	29.5	69.5

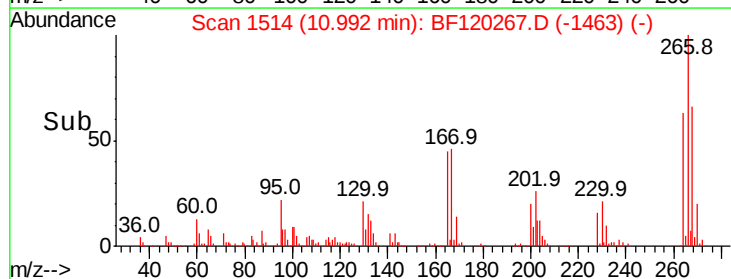
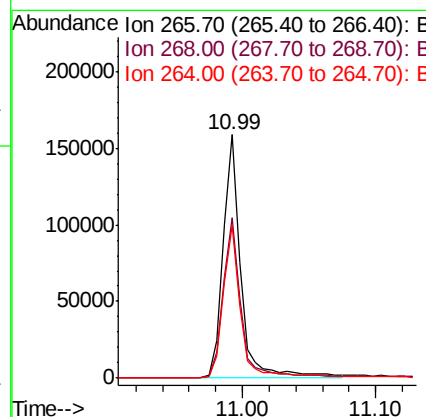
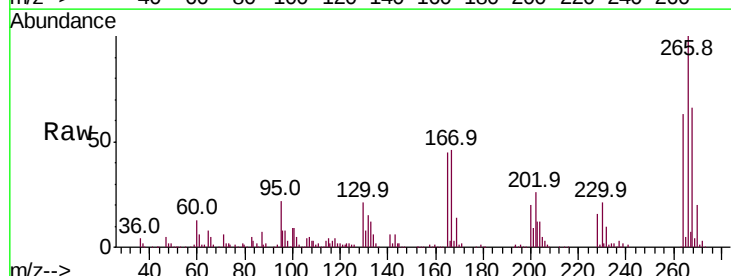
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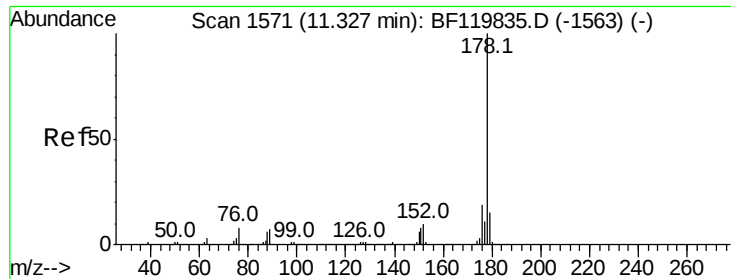
mohammad
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#70
Pentachlorophenol
Concen: 69.916 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.1	53.3	79.9
264	62.8	49.0	73.4





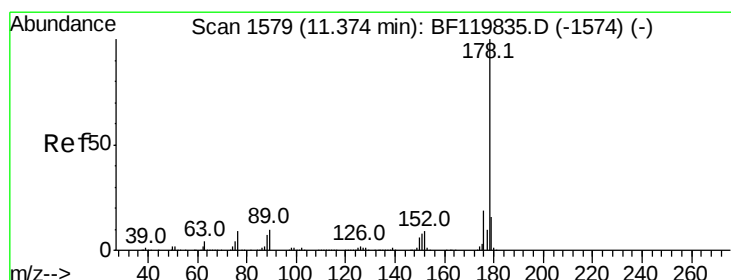
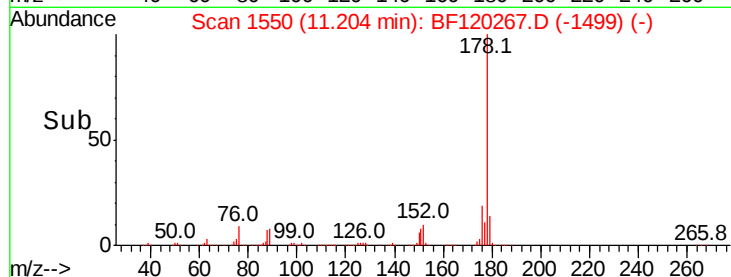
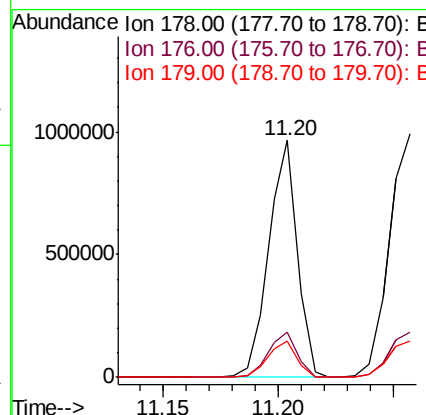
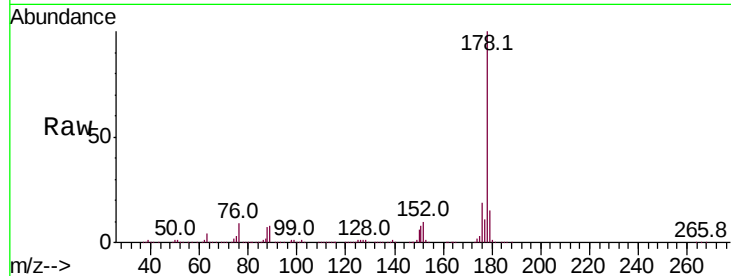
#71
Phenanthrene
Concen: 52.672 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Instrument :
BNA_F
ClientSampleId :
NB-04302020MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.2	24.4
179	15.4	13.2	19.8

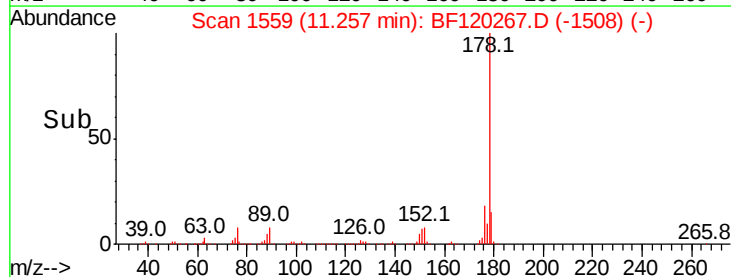
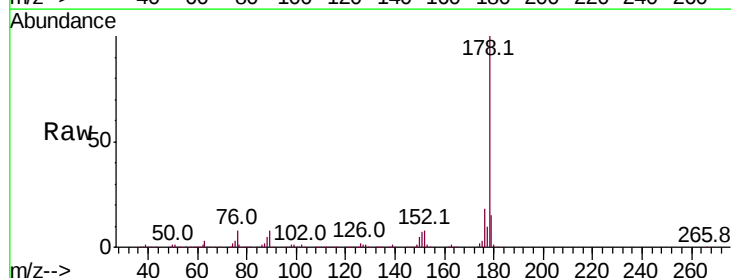
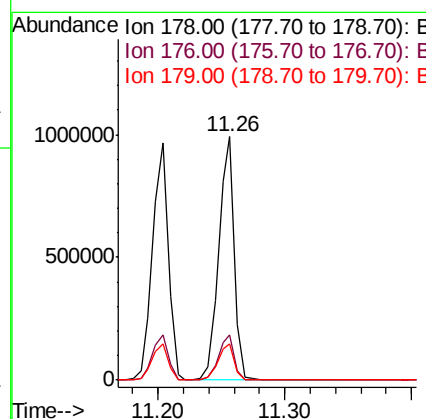
Manual Integrations
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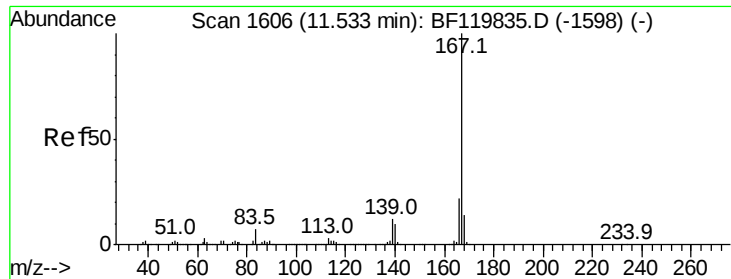
mohammad
5/4/2020 3:45:20 PM



#72
Anthracene
Concen: 53.479 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

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





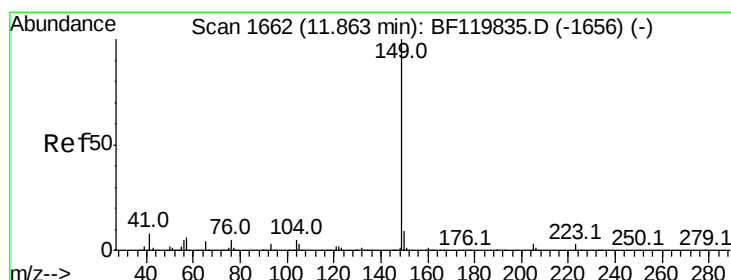
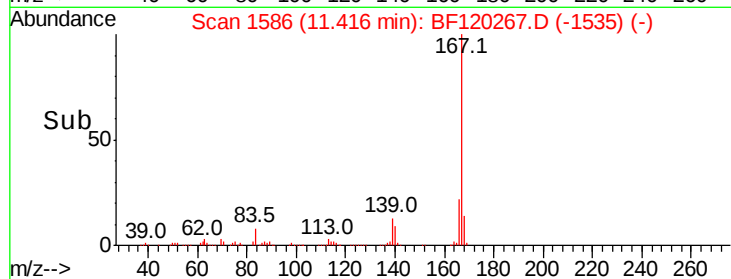
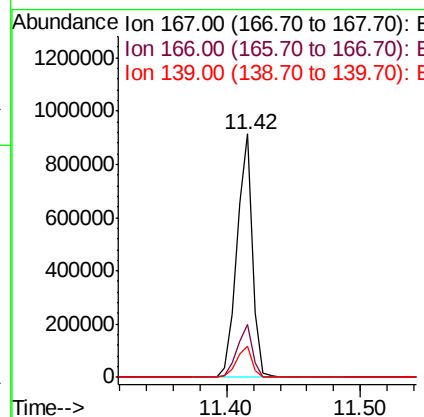
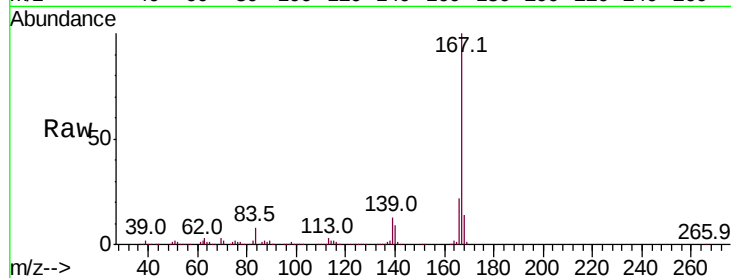
#73
 Carbazole
 Concen: 48.924 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

Instrument :
 BNA_F
 ClientSampleId :
 NB-04302020MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.2	27.4
139	12.8	10.7	16.1

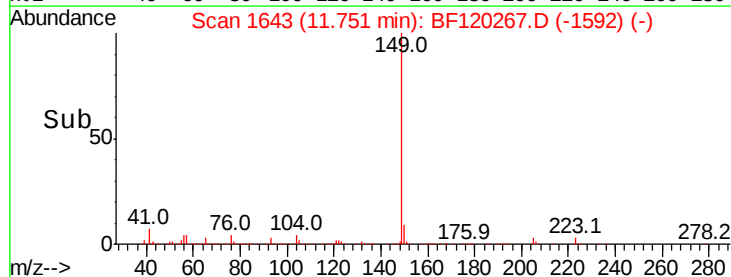
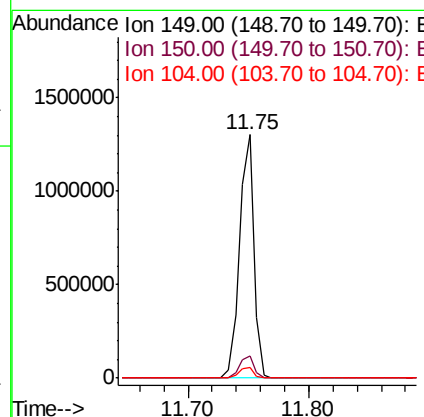
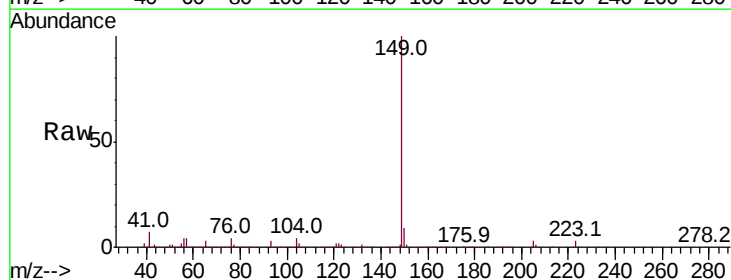
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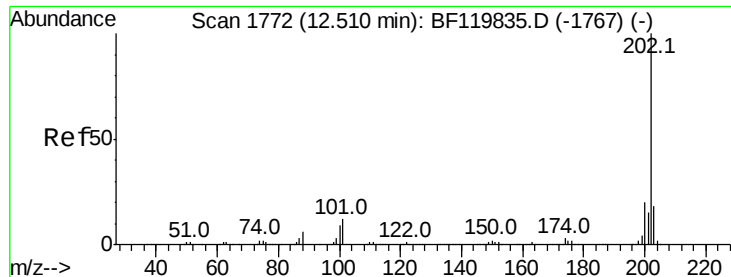
mohammad
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#74
 Di-n-butylphthalate
 Concen: 54.046 ng
 RT: 11.75 min Scan# 1643
 Delta R.T. 0.00 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.8	11.8
104	4.2	3.6	5.4





#75

Fluoranthene

Concen: 49.685 ng

RT: 12.39 min Scan# 1752

Delta R.T. 0.00 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Instrument :

BNA_F

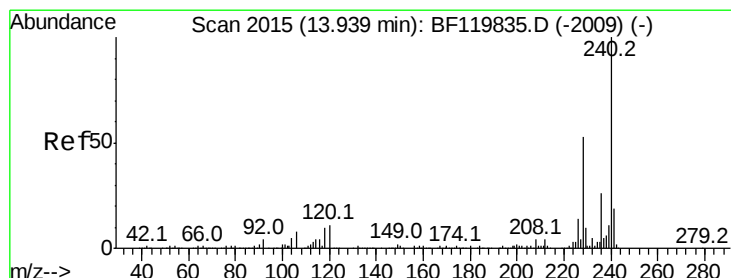
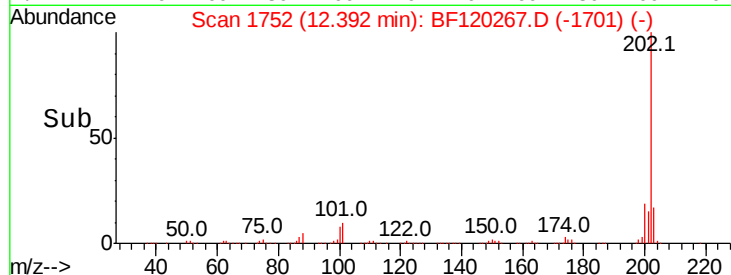
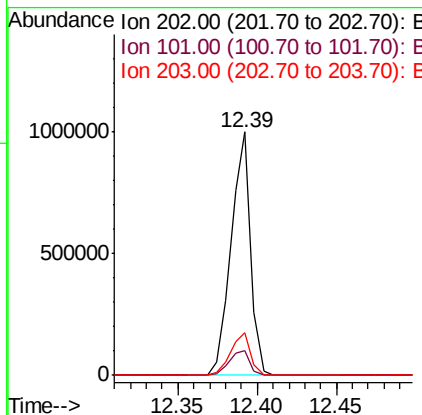
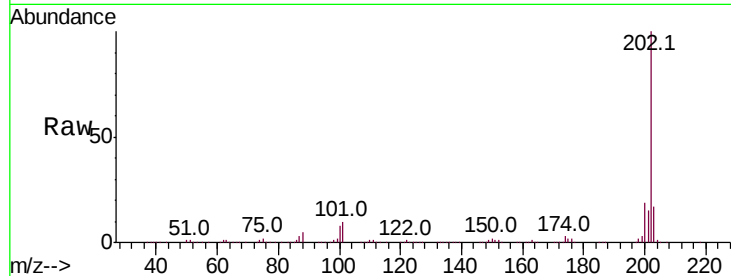
ClientSampleId :

NB-04302020MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	848020		
101	10.2	0.0	32.2	
203	17.4	0.0	38.8	

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#76

Chrysene-d12

Concen: 20.000 ng

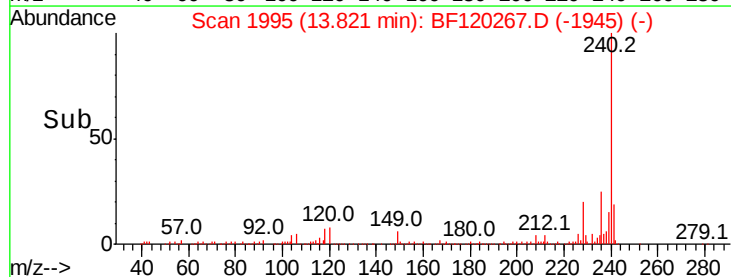
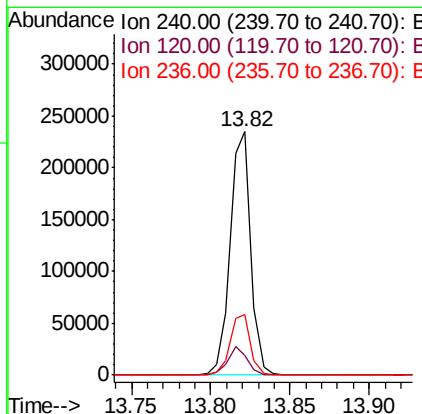
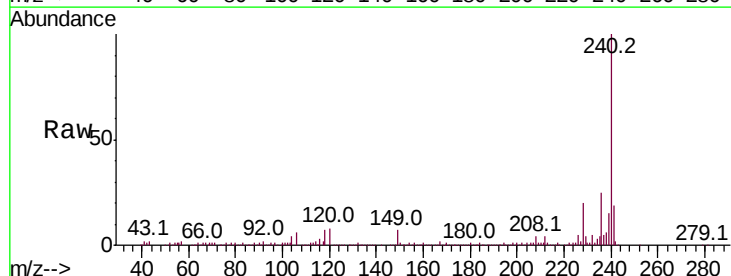
RT: 13.82 min Scan# 1995

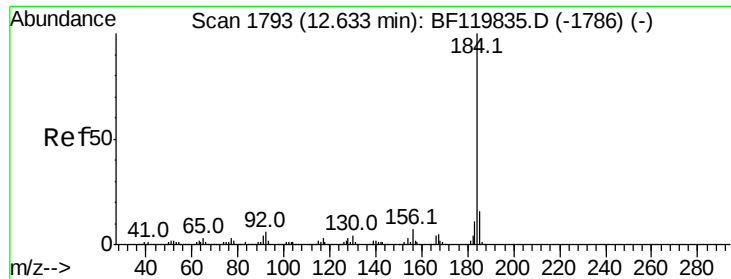
Delta R.T. -0.01 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	210149		
120	8.0	10.6	15.8#	
236	24.7	20.2	30.2	





#77

Benzidine

Concen: 73.871 ng

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Instrument :

BNA_F

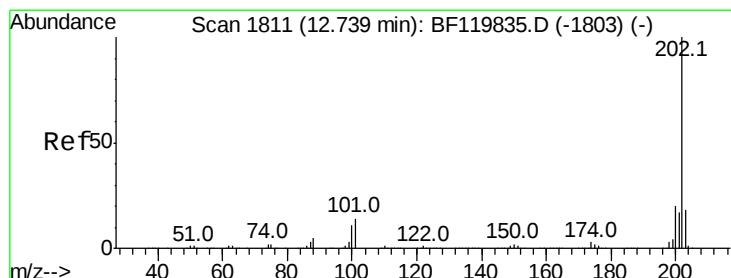
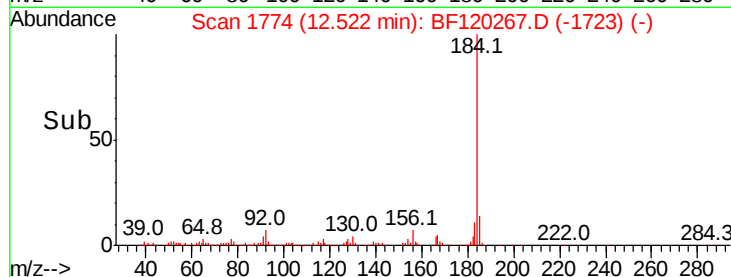
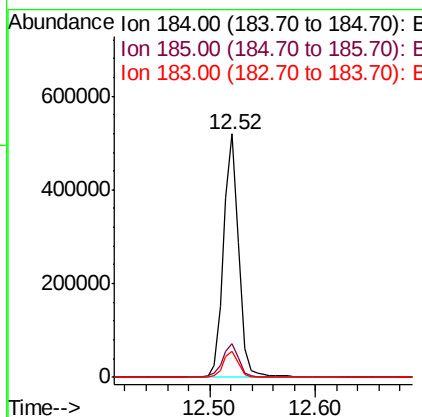
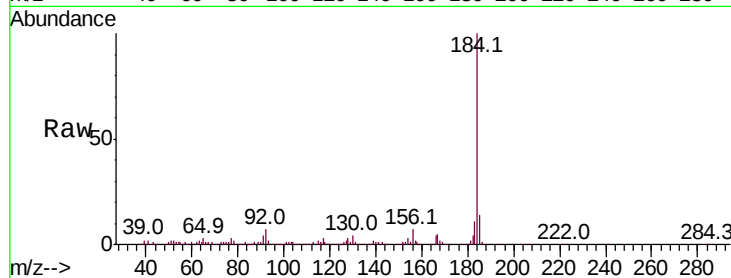
ClientSampleId :

NB-04302020MS

Tot Ion:	184	Resp:	524754
Ion Ratio	Lower	Upper	
184	100		
185	14.0	12.3	18.5
183	10.8	9.0	13.6

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#78

Pyrene

Concen: 48.416 ng

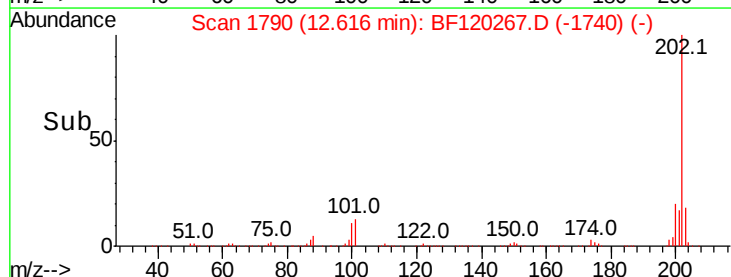
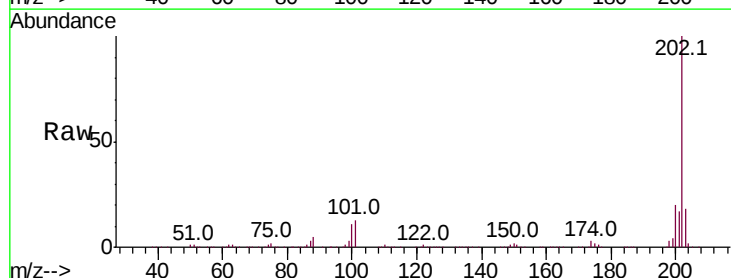
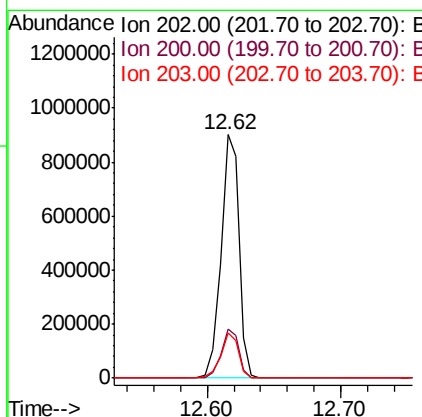
RT: 12.62 min Scan# 1790

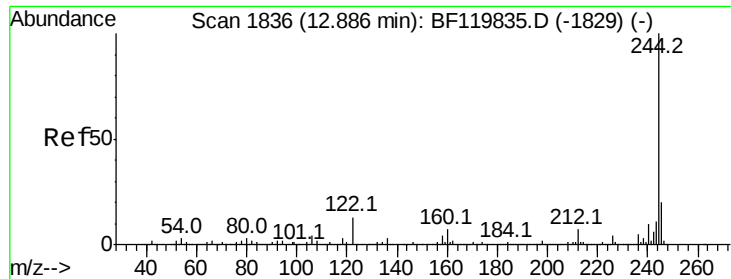
Delta R.T. -0.01 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Tgt Ion:	202	Resp:	857739
Ion Ratio	Lower	Upper	
202	100		
200	20.4	16.8	25.2
203	18.4	15.1	22.7





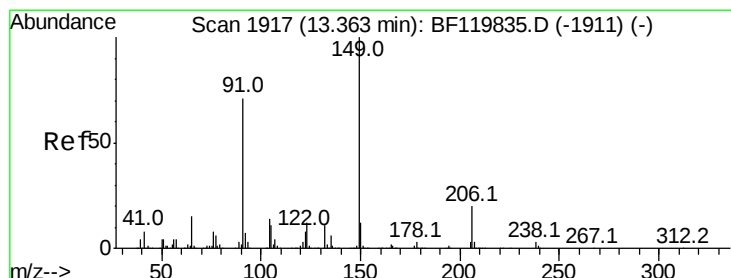
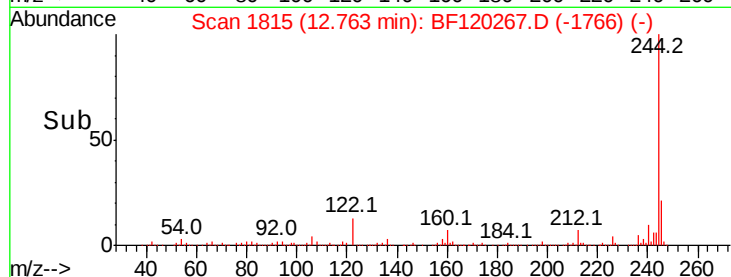
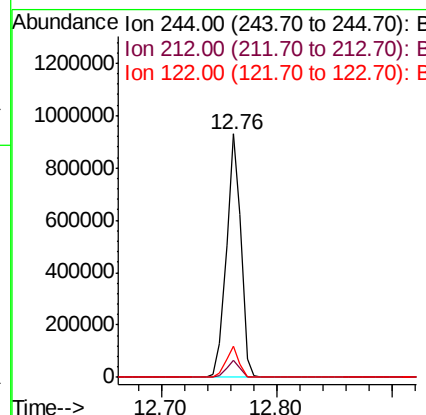
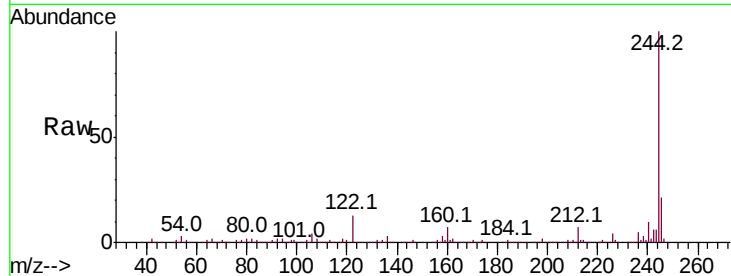
#79
 Terphenyl-d14
 Concen: 64.324 ng
 RT: 12.76 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

Instrument :
 BNA_F
 ClientSampleId :
 NB-04302020MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.6	10.3	15.5

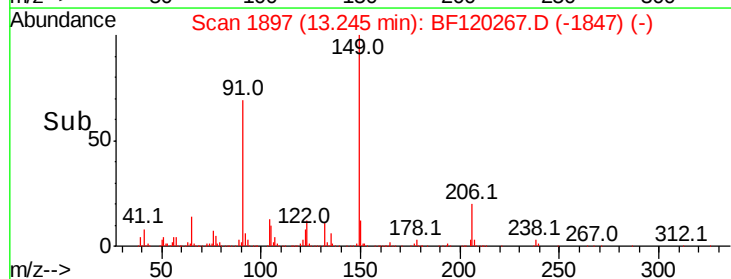
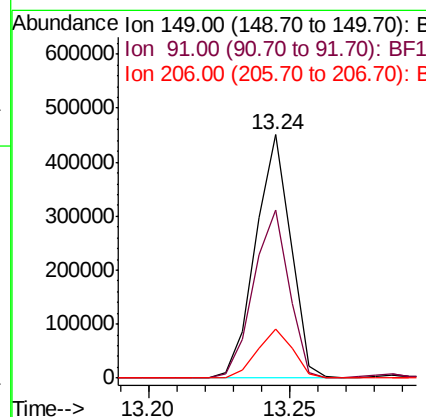
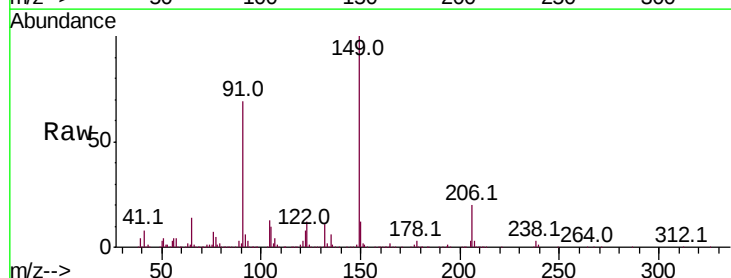
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#80
 Butylbenzylphthalate
 Concen: 45.343 ng
 RT: 13.24 min Scan# 1897
 Delta R.T. -0.01 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.9	54.7	82.1
206	19.9	16.2	24.2





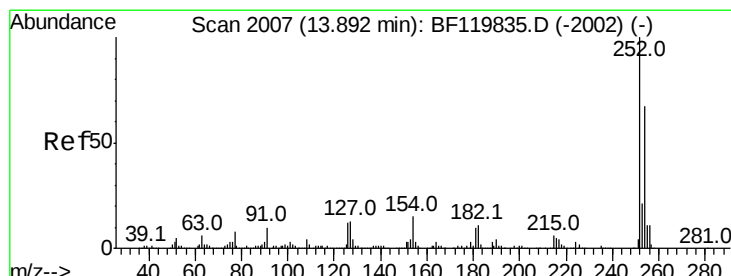
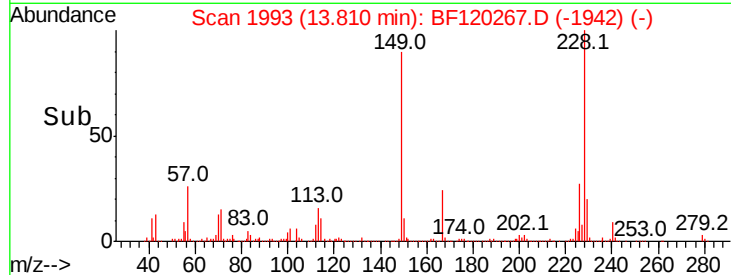
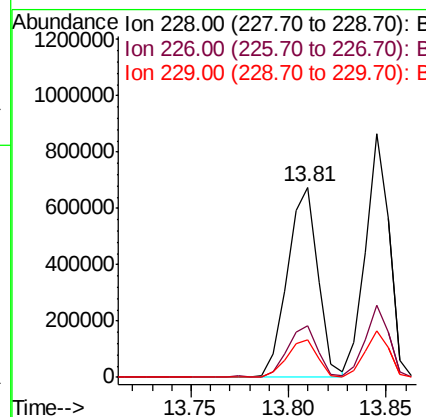
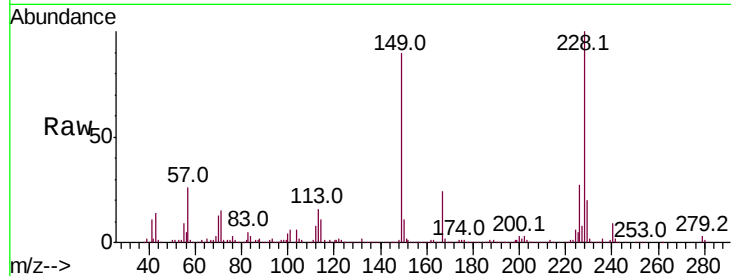
#81
 Benzo(a)anthracene
 Concen: 52.892 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. 0.00 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

Instrument :
 BNA_F
 ClientSampleId :
 NB-04302020MS

Tot Ion:	228	Resp:	731235
Ion Ratio	Lower	Upper	
228	100		
226	27.4	21.8	32.8
229	19.9	16.2	24.4

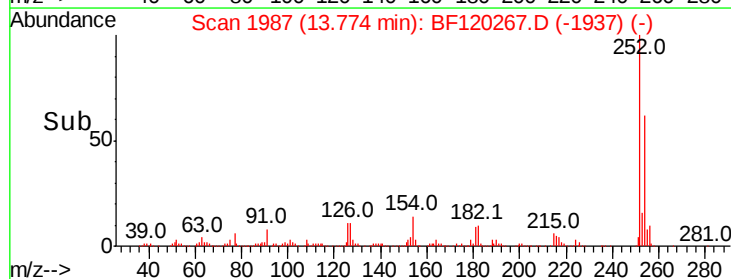
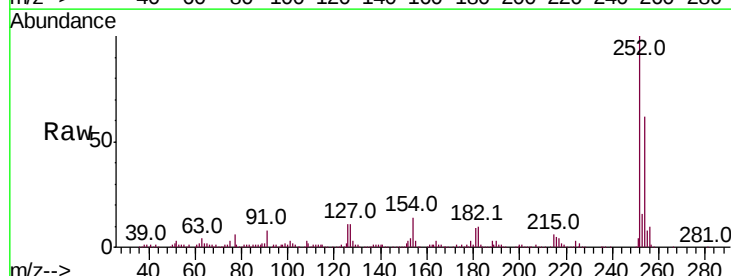
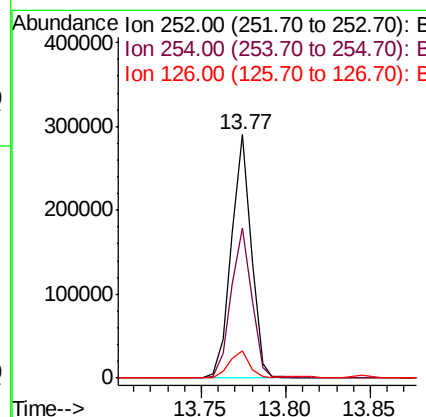
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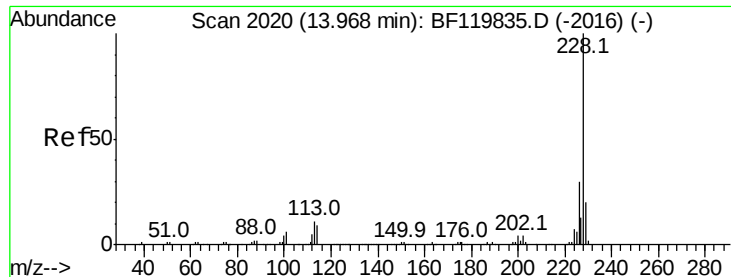
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#82
 3,3'-Dichlorobenzidine
 Concen: 46.294 ng
 RT: 13.77 min Scan# 1987
 Delta R.T. -0.01 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

Tgt Ion:	252	Resp:	238804
Ion Ratio	Lower	Upper	
252	100		
254	61.8	51.2	76.8
126	11.1	9.6	14.4





#83

Chrvsene

Concen: 51.798 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Instrument :

BNA_F

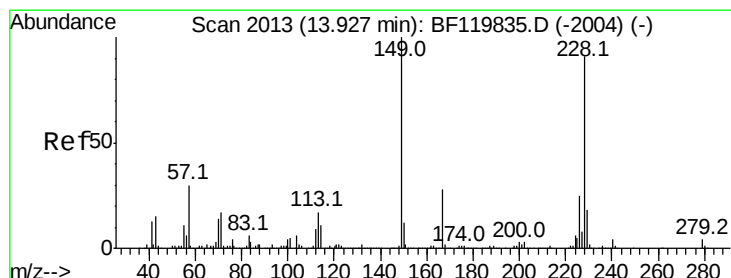
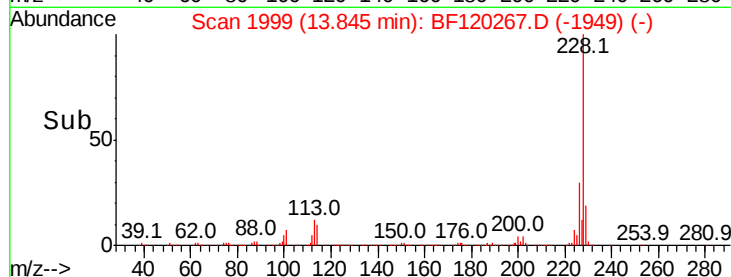
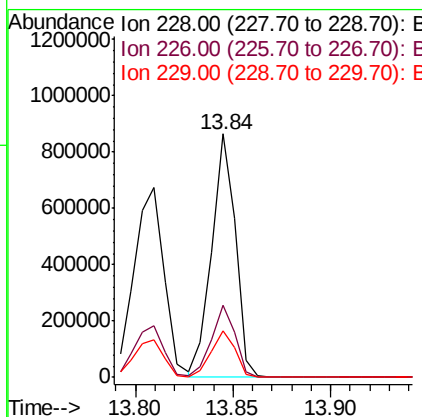
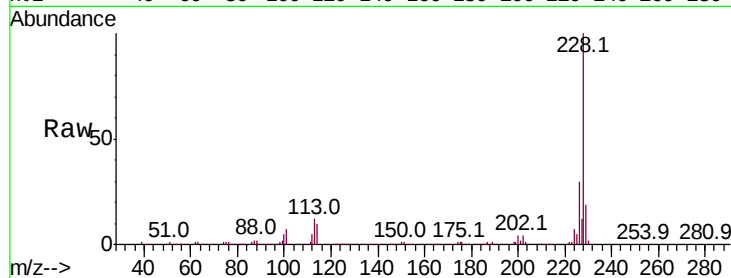
ClientSampleId :

NB-04302020MS

Tot Ion:	228	Resp:	727628
Ion Ratio	Lower	Upper	
228	100		
226	29.9	25.4	38.0
229	19.3	16.6	24.8

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#84

Bis(2-ethylhexyl)phthalate

Concen: 46.913 ng

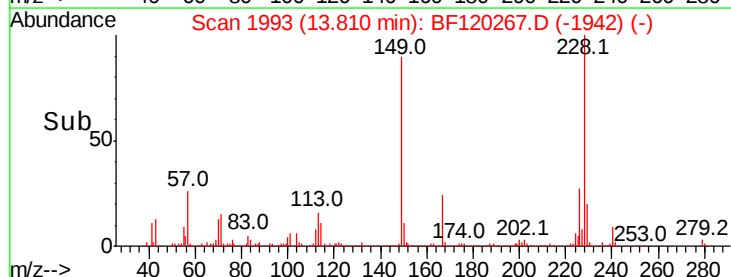
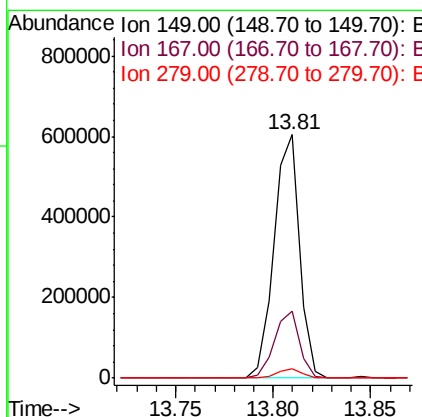
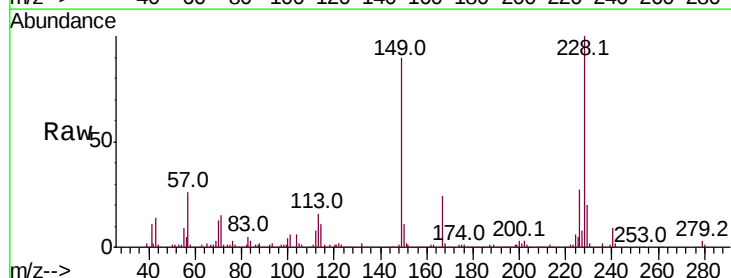
RT: 13.81 min Scan# 1993

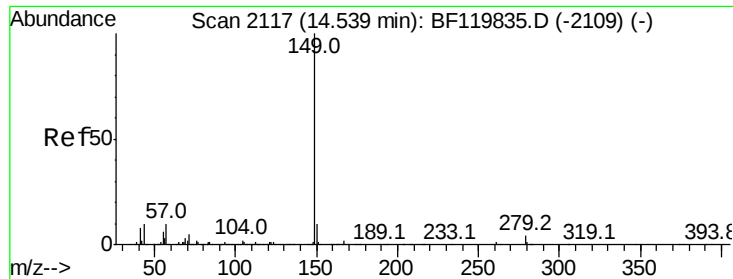
Delta R.T. 0.00 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Tgt Ion:	149	Resp:	546125
Ion Ratio	Lower	Upper	
149	100		
167	27.3	21.3	31.9
279	3.9	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 48.753 ng

RT: 14.42 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Instrument :

BNA_F

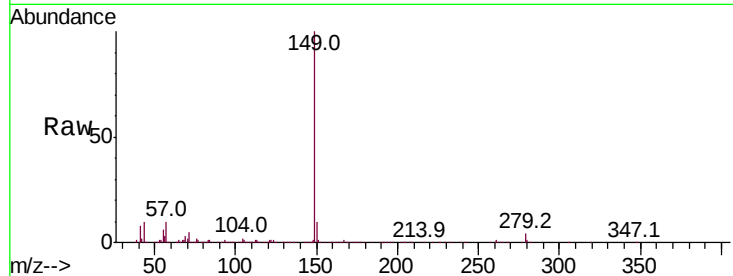
ClientSampleId :

NB-04302020MS

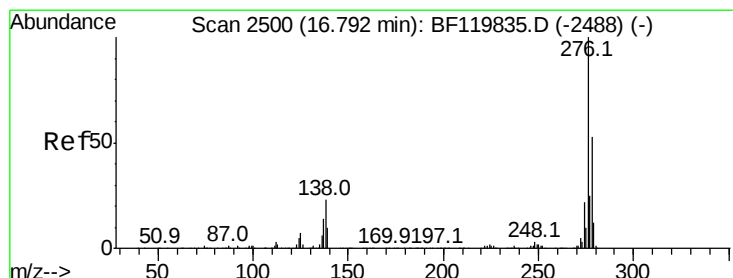
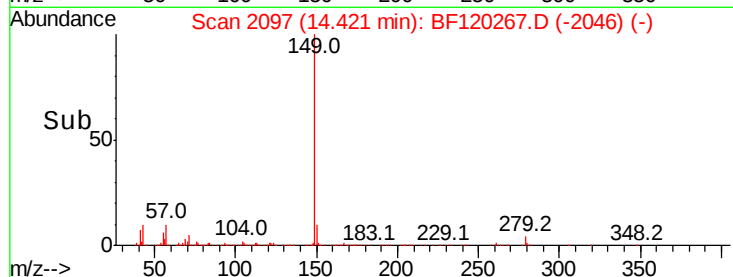
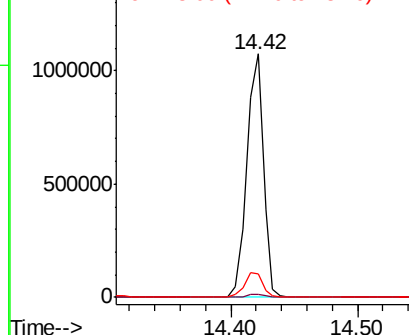
Tot Ion:	149	Resp:	966347
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	11.0	9.3	13.9

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 71.574 ng

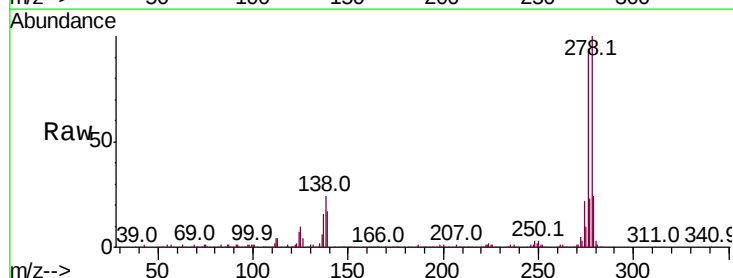
RT: 16.59 min Scan# 2465

Delta R.T. 0.01 min

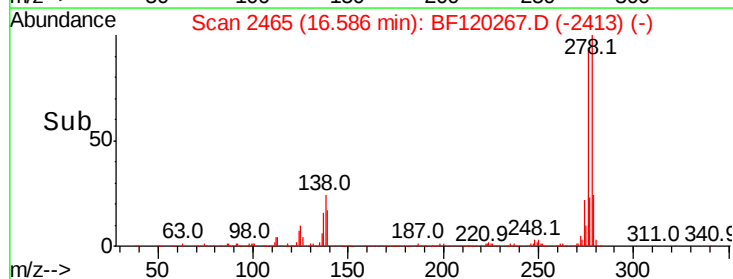
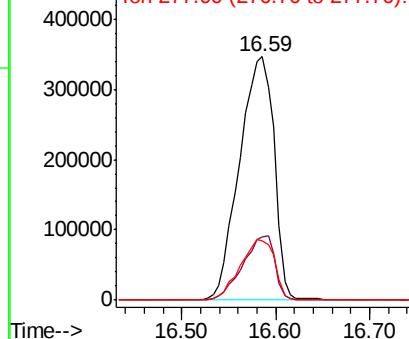
Lab File: BF120267.D

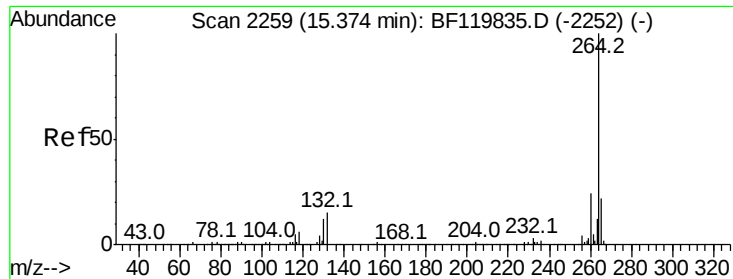
Acq: 1 May 2020 19:22

Tgt Ion:	276	Resp:	886276
Ion Ratio	Lower	Upper	
276	100		
138	24.6	19.6	29.4
277	24.8	20.0	30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





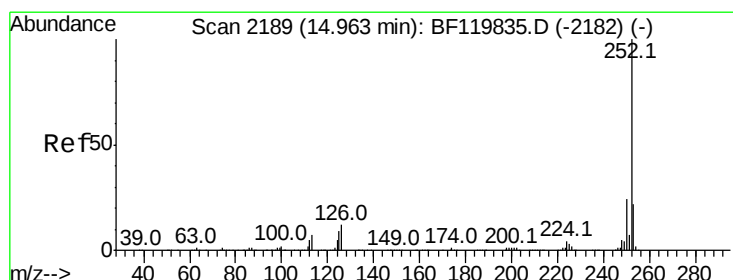
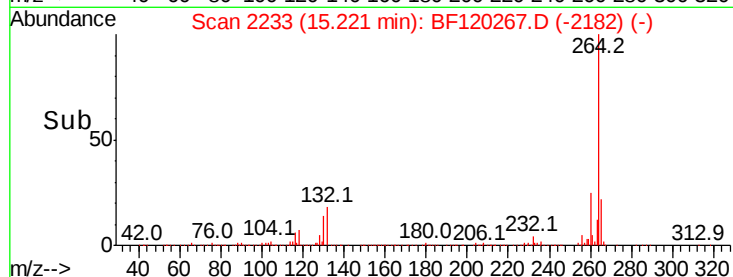
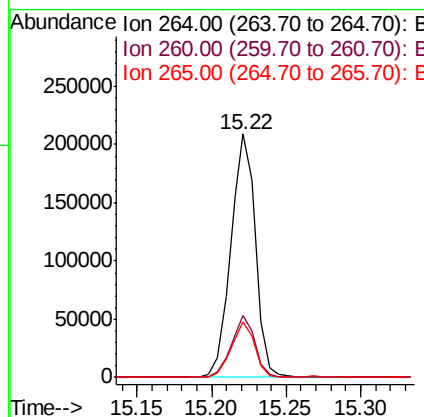
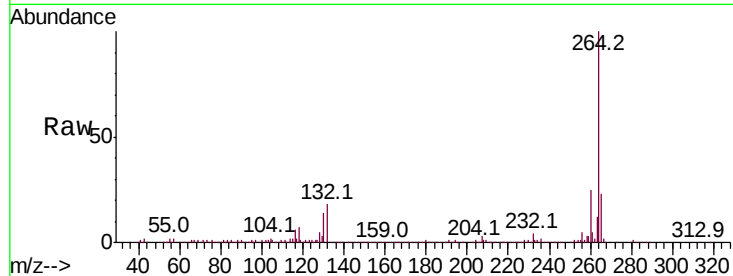
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Instrument :
BNA_F
ClientSampleId :
NB-04302020MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	18.7	28.1
265	22.6	17.7	26.5

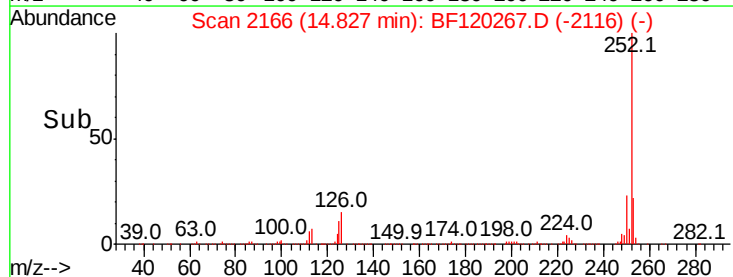
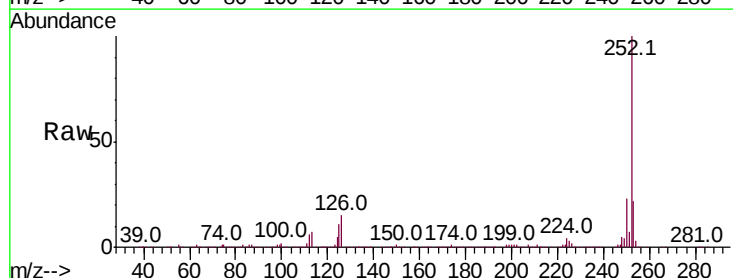
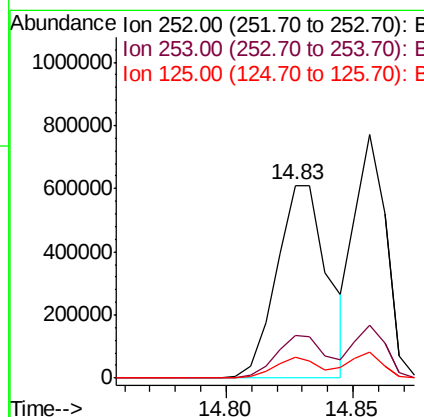
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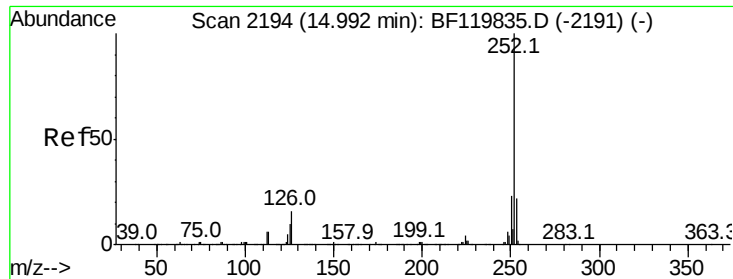
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#88
Benzo(b)fluoranthene
Concen: 49.253 ng
RT: 14.83 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	10.9	7.9	11.9





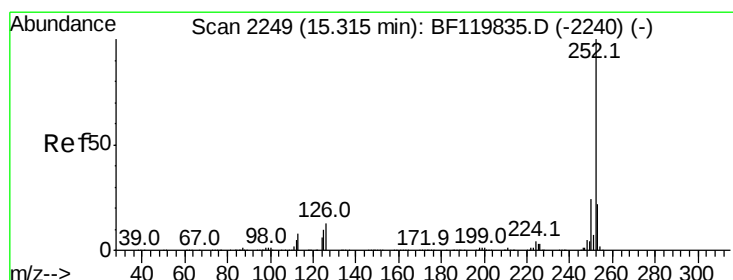
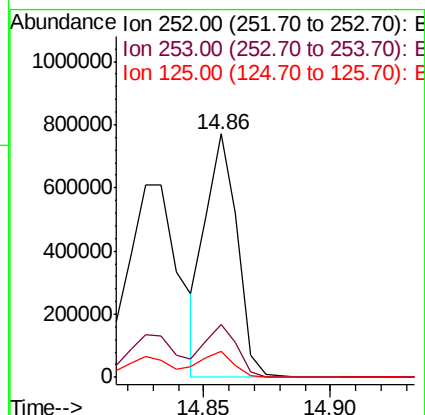
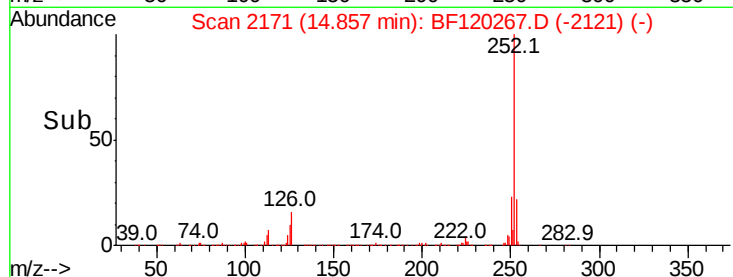
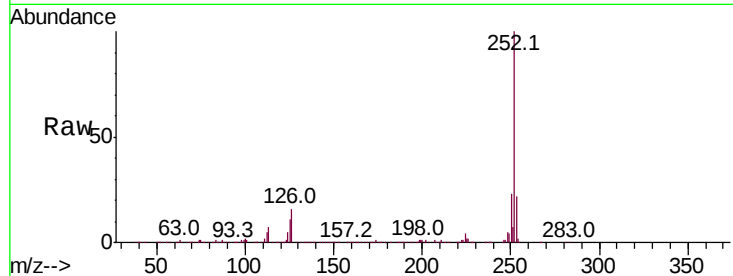
#89
Benzo(k)fluoranthene
Concen: 44.120 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Instrument :
BNA_F
ClientSampleId :
NB-04302020MS

Tot Ion:	252	Resp:	663577
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.8	26.6
125	10.6	8.4	12.6

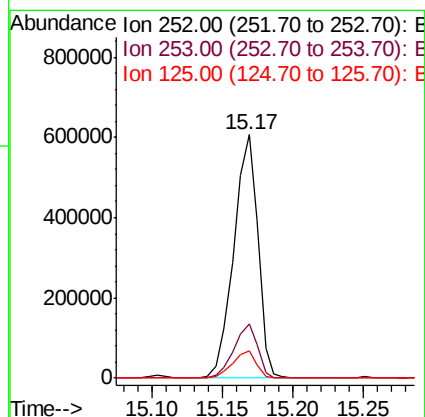
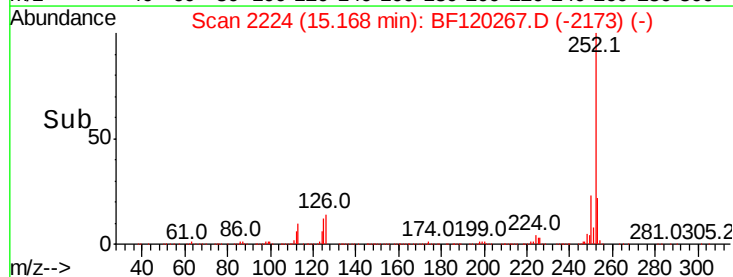
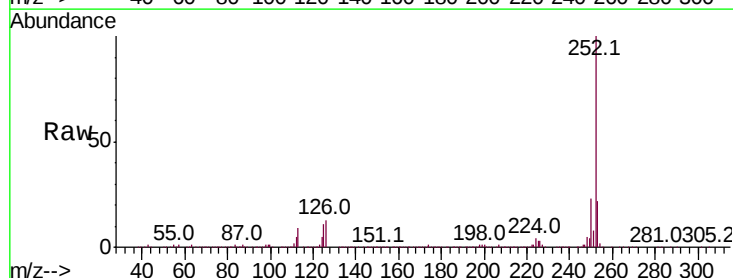
Manual Integrations
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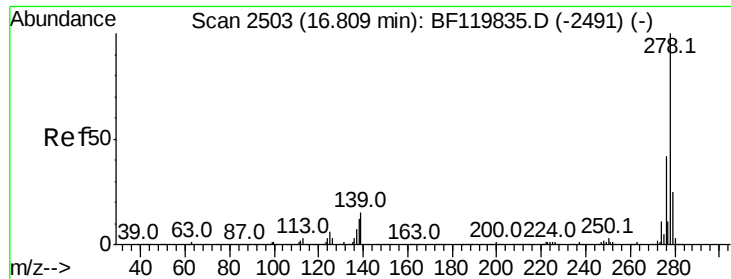
mohammad
5/4/2020 3:45:20 PM



#90
Benzo(a)pyrene
Concen: 49.169 ng
RT: 15.17 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Tgt Ion:	252	Resp:	720638
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.2	27.2
125	11.4	9.4	14.2





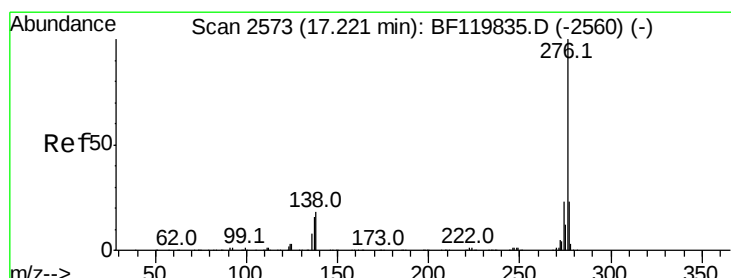
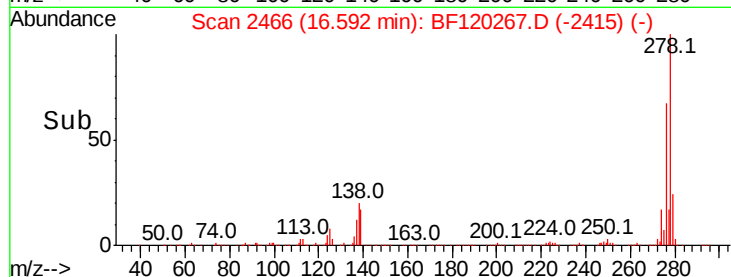
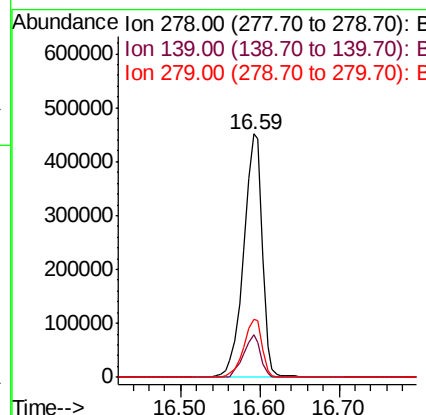
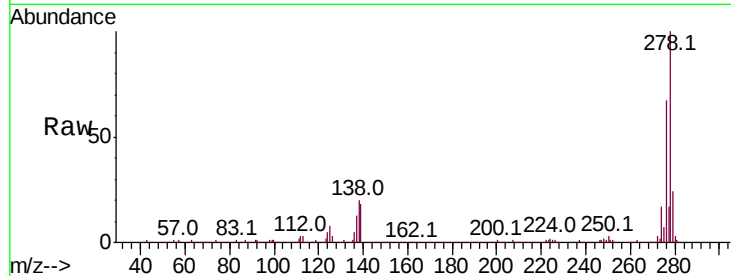
#91
Dibenzo(a,h)anthracene
Concen: 56.442 ng
RT: 16.59 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Instrument :
BNA_F
ClientSampleId :
NB-04302020MS

Tot Ion:278	Resp:	732761
Ion Ratio	Lower	Upper
278 100		
139 17.5	12.6	19.0
279 24.1	19.0	28.6

Manual Integrations
APPROVED

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#92
Benzo(g,h,i)perylene
Concen: 56.718 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.00 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Tgt Ion:276	Resp:	726834
Ion Ratio	Lower	Upper
276 100		
277 22.9	18.4	27.6
138 21.0	15.4	23.0

