

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062620\
 Data File : BF120710.D
 Acq On : 26 Jun 2020 15:50
 Operator : JU/CG
 Sample : L2811-04MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

Manual Integrations
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mohammad
 6/29/2020 3:18:28 PM

Quant Time: Jun 26 17:06:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	123613	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	556524	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	291653	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	564301	20.00	ng	0.00
76) Chrysene-d12	13.96	240	243954	20.00	ng	0.00
86) Perylene-d12	15.40	264	275659	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	985540	136.69	ng	0.00
7) Phenol-d6	6.44	99	1092925	121.71	ng	0.00
23) Nitrobenzene-d5	7.36	82	960839	96.51	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	453450	133.73	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1751151	91.86	ng	0.00
79) Terphenyl-d14	12.90	244	1243011	112.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	170135	49.787	ng	# 84
3) Pyridine	3.36	79	384803	40.057	ng	97
4) n-Nitrosodimethylamine	3.28	42	191865	48.127	ng	96
6) Aniline	6.46	93	313256	27.257	ng	# 57
8) 2-Chlorophenol	6.58	128	416080	51.068	ng	100
9) Benzaldehyde	6.35	77	102375	18.024	ng	98
10) Phenol	6.45	94	411691	42.969	ng	93
11) bis(2-Chloroethyl)ether	6.53	93	386787	48.466	ng	98
12) 1,3-Dichlorobenzene	6.73	146	418563	48.323	ng	97
13) 1,4-Dichlorobenzene	6.81	146	440359	51.528	ng	98
14) 1,2-Dichlorobenzene	6.97	146	395599	47.520	ng	99
15) Benzyl Alcohol	6.94	79	305923	48.038	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	651604	56.706	ng	96
17) 2-Methylphenol	7.06	107	380934	54.818	ng	98
18) Hexachloroethane	7.30	117	191072	60.676	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	310976	59.700	ng	96
20) 3+4-Methylphenols	7.21	107	432055	49.755	ng	92
22) Acetophenone	7.20	105	620864	49.900	ng	# 97
24) Nitrobenzene	7.38	77	498849	47.879	ng	99
25) Isophorone	7.62	82	913733	47.113	ng	98
26) 2-Nitrophenol	7.69	139	275374	49.959	ng	99
27) 2,4-Dimethylphenol	7.73	122	404668	49.862	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	584059	51.952	ng	100
29) 2,4-Dichlorophenol	7.94	162	414030	50.187	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	455072	49.776	ng	99
31) Naphthalene	8.10	128	1374060	50.282	ng	99
32) Benzoic acid	7.86	122	139115	22.341	ng	97
33) 4-Chloroaniline	8.15	127	295855	23.587	ng	99
34) Hexachlorobutadiene	8.22	225	263396	49.425	ng	99
35) Caprolactam	8.53	113	104627m	39.654	ng	
36) 4-Chloro-3-methylphenol	8.64	107	427253	51.838	ng	98
37) 2-Methylnaphthalene	8.79	142	941953	52.802	ng	100
38) 1-Methylnaphthalene	8.89	142	887217	52.853	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	431147	49.509	ng	99

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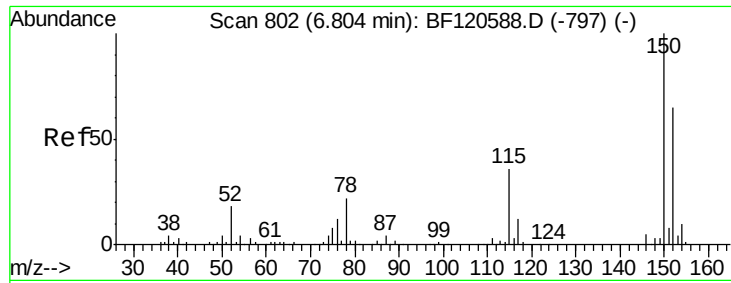
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	411886	84.403	nq	100
43) 2,4,6-Trichlorophenol	9.07	196	307323	49.749	nq	98
44) 2,4,5-Trichlorophenol	9.12	196	331552	47.307	nq	97
46) 1,1'-Biphenyl	9.26	154	1120533	51.453	nq	100
47) 2-Chloronaphthalene	9.28	162	888877	49.913	nq	99
48) 2-Nitroaniline	9.38	65	273772	48.948	nq	94
49) Acenaphthylene	9.70	152	1372429	49.935	nq	99
50) Dimethylphthalate	9.56	163	1066240	50.761	nq	99
51) 2,6-Dinitrotoluene	9.62	165	239992	50.415	nq	99
52) Acenaphthene	9.87	154	810063	49.419	nq	99
53) 3-Nitroaniline	9.79	138	167553	29.305	nq	98
54) 2,4-Dinitrophenol	9.90	184	185231	66.852	nq	95
55) Dibenzofuran	10.04	168	1222414	48.636	nq	97
56) 4-Nitrophenol	9.97	139	327032	75.944	nq	90
57) 2,4-Dinitrotoluene	10.03	165	309629	49.018	nq	91
58) Fluorene	10.38	166	935457	48.281	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	276999	50.237	nq	99
60) Diethylphthalate	10.26	149	1039673	50.256	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	462691	46.243	nq	94
62) 4-Nitroaniline	10.41	138	251729	44.348	nq	95
63) Azobenzene	10.53	77	945541	50.352	nq	100
65) 4,6-Dinitro-2-methylphenol	10.44	198	158323	46.758	nq	91
66) n-Nitrosodiphenylamine	10.49	169	887544	51.217	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	308546	48.178	nq	98
68) Hexachlorobenzene	10.93	284	347398	50.452	nq	93
69) Atrazine	11.02	200	260197	48.521	nq	99
70) Pentachlorophenol	11.13	266	353520	92.347	nq	98
71) Phenanthrene	11.35	178	1389407	49.531	nq	100
72) Anthracene	11.40	178	1432895	50.677	nq	99
73) Carbazole	11.55	167	1333561	47.645	nq	99
74) Di-n-butylphthalate	11.88	149	897121	28.510	nq	100
75) Fluoranthene	12.53	202	886558	27.643	nq	97
77) Benzidine	12.65	184	228394	27.683	nq	99
78) Pyrene	12.76	202	906670	52.463	nq	99
80) Butylbenzylphthalate	13.38	149	385392	50.221	nq	95
81) Benzo(a)anthracene	13.95	228	785080	53.565	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	188854	33.734	nq	99
83) Chrysene	13.99	228	783753	52.132	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	541820	57.853	nq	98
85) Di-n-octyl phthalate	14.55	149	949036	53.097	nq	98
87) Indeno(1,2,3-cd)pyrene	16.84	276	960939	57.309	nq	98
88) Benzo(b)fluoranthene	14.99	252	869531	52.954	nq	98
89) Benzo(k)fluoranthene	15.02	252	759691	52.285	nq	99
90) Benzo(a)pyrene	15.34	252	757314	51.533	nq	99
91) Dibenzo(a,h)anthracene	16.86	278	786840	58.518	nq	99
92) Benzo(g,h,i)perylene	17.28	276	798924	58.947	nq	96

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



#1

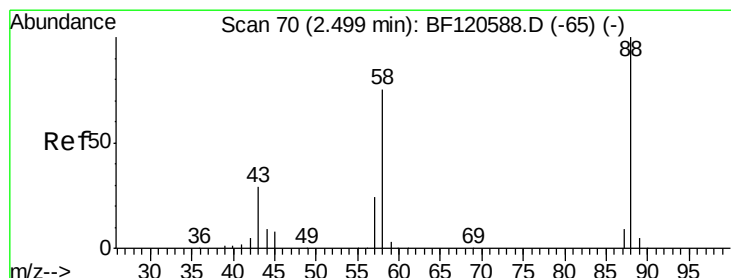
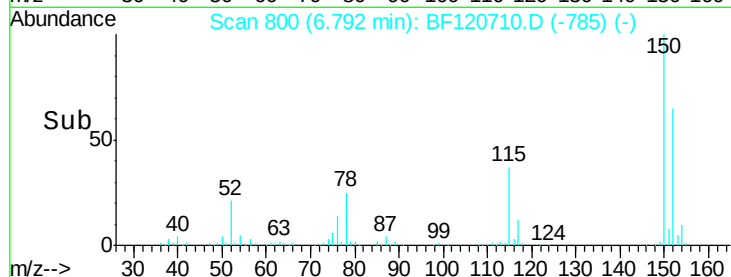
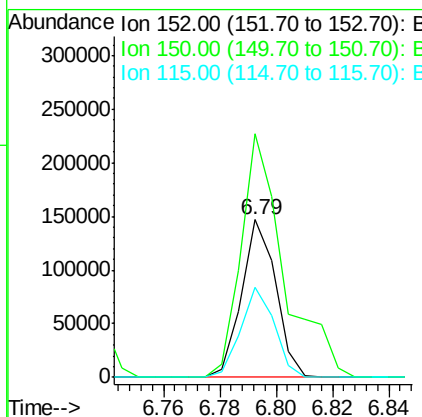
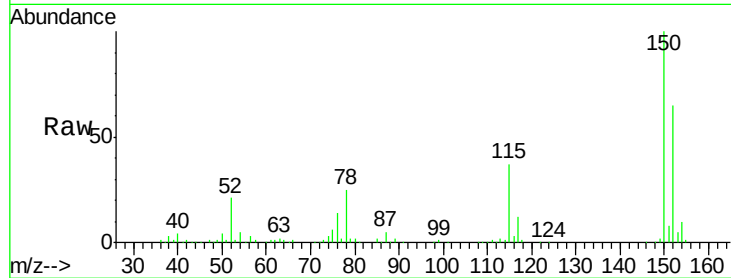
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	123.2	184.8
115	56.9	43.9	65.9

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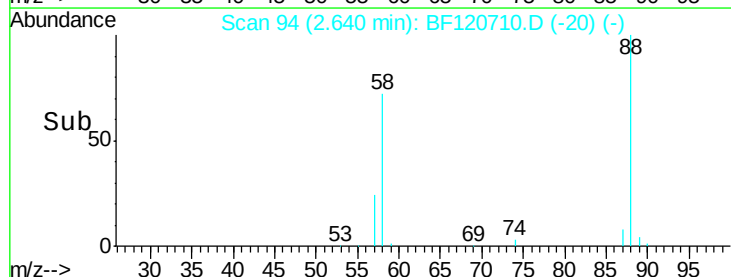
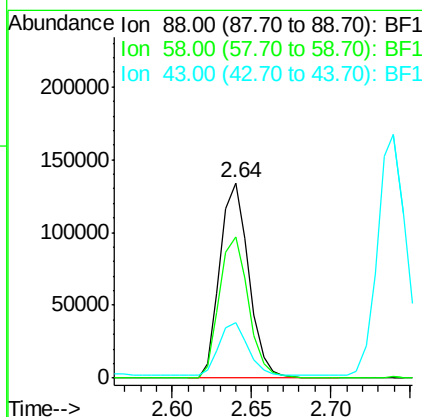
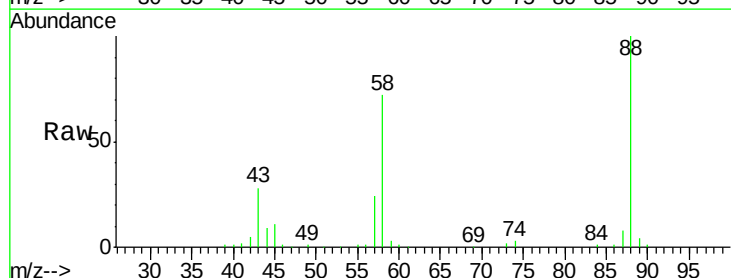
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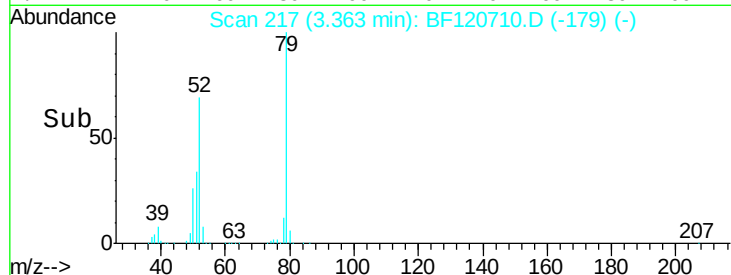
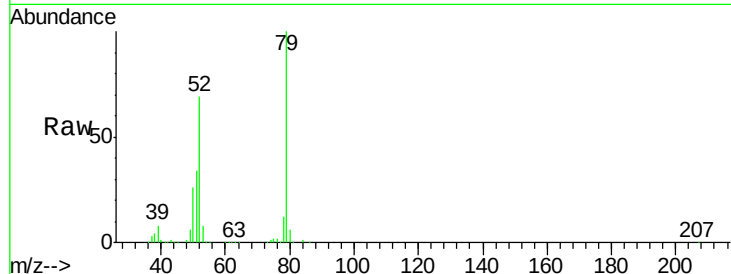
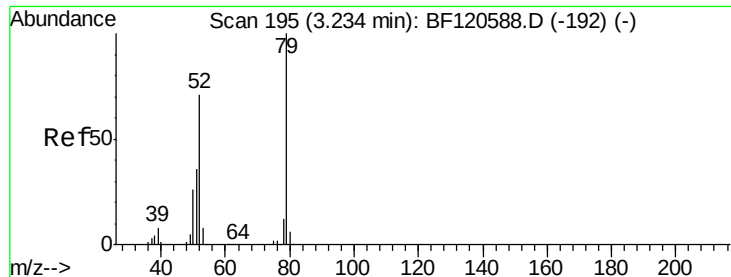


#2

1,4-Dioxane
 Concen: 49.787 ng
 RT: 2.64 min Scan# 94
 Delta R.T. 0.14 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.5	59.6	89.4
43	0.0	23.1	34.7#





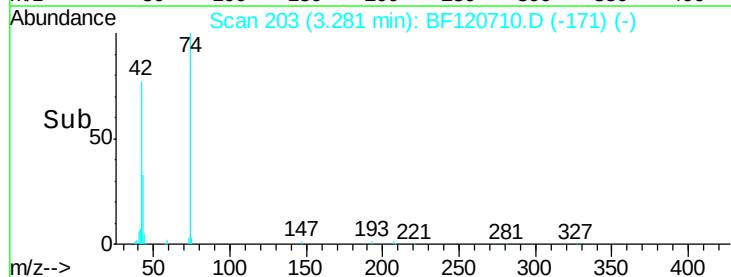
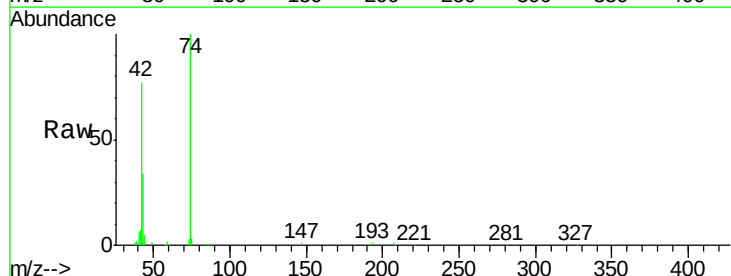
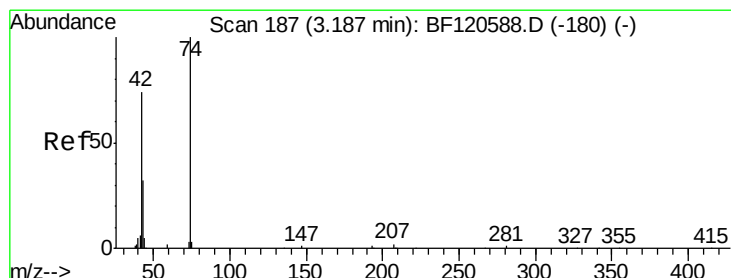
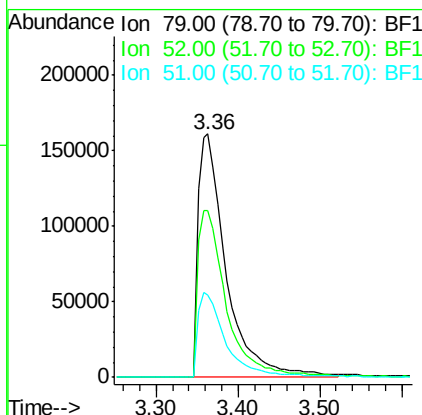
#3
 Pvridine
 Concen: 40.057 ng
 RT: 3.36 min Scan# 217
 Delta R.T. 0.12 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.7	57.0	85.6
51	33.8	28.5	42.7

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

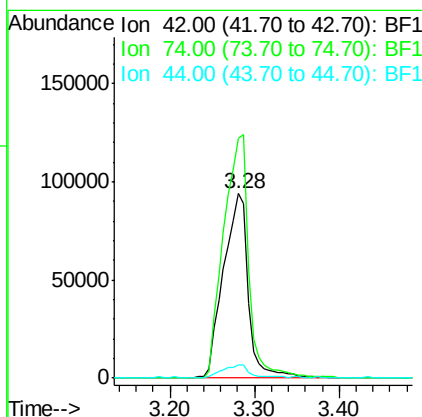
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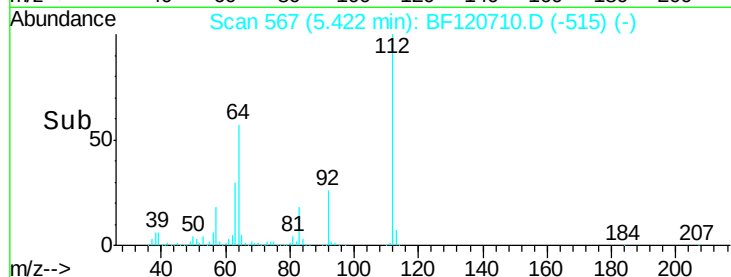
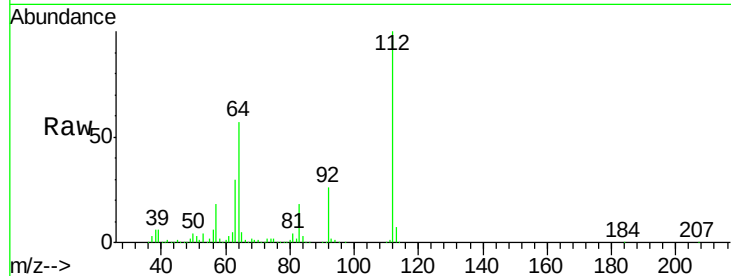
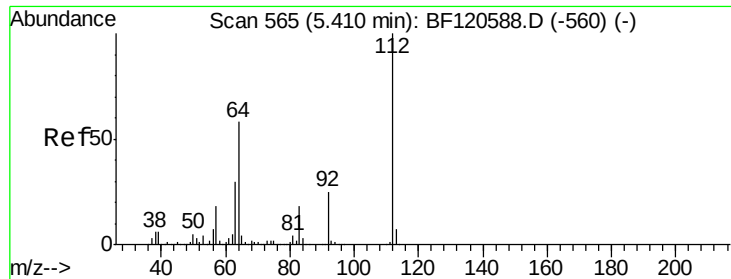
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#4
 n-Nitrosodimethylamine
 Concen: 48.127 ng
 RT: 3.28 min Scan# 203
 Delta R.T. 0.09 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
42	100		
74	129.8	107.8	161.6
44	7.0	5.1	7.7





#5

2-Fluorophenol

Concen: 136.690 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

Tot Ion	112	Resp	985540
Ion Ratio	Lower	Upper	
112	100		
64	57.3	46.1	69.1
63	29.5	23.7	35.5

Instrument :

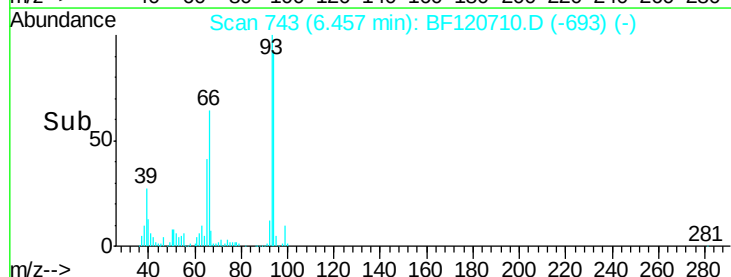
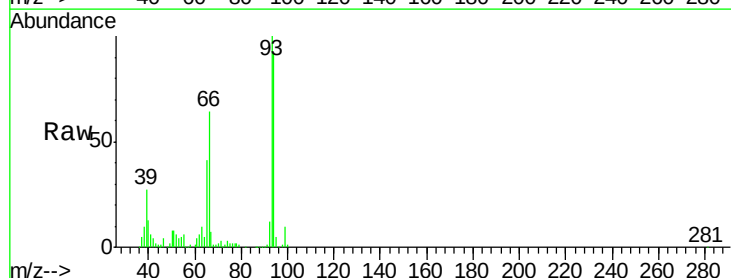
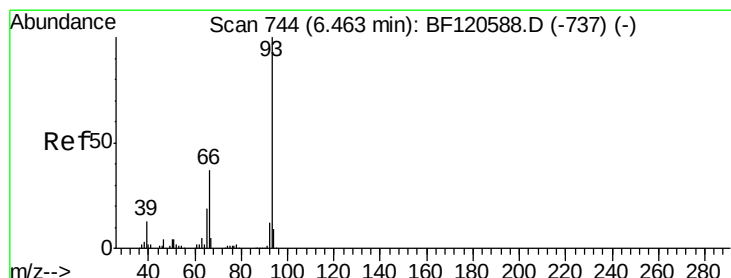
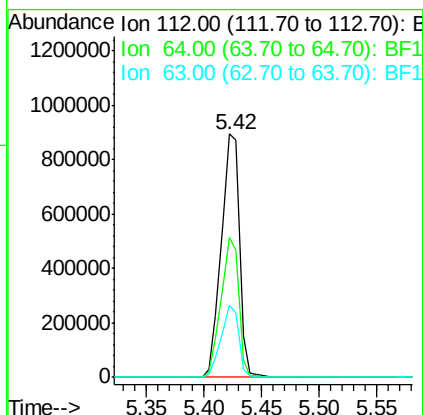
BNA_F

ClientSampleId :

NB-08-061620MS

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#6

Aniline

Concen: 27.257 ng

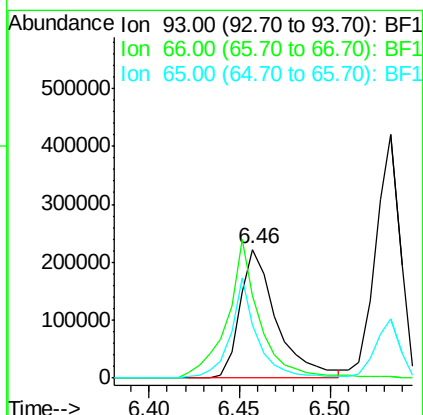
RT: 6.46 min Scan# 743

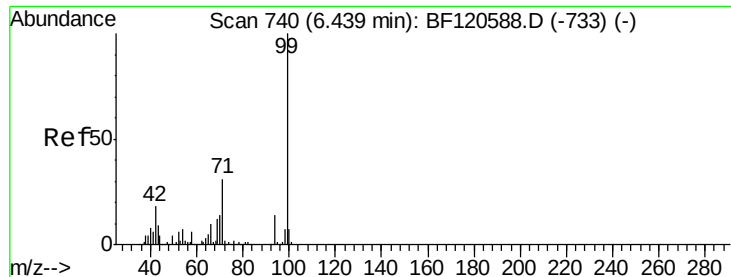
Delta R.T. -0.01 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

Tgt Ion	93	Resp	313256
Ion Ratio	Lower	Upper	
93	100		
66	64.1	30.9	46.3#
65	40.7	15.9	23.9#





#7

Phenol-d6

Concen: 121.705 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

Tot Ion: 99 Resp: 1092925

Ion Ratio Lower Upper

99 100

42 17.8 14.0 21.0

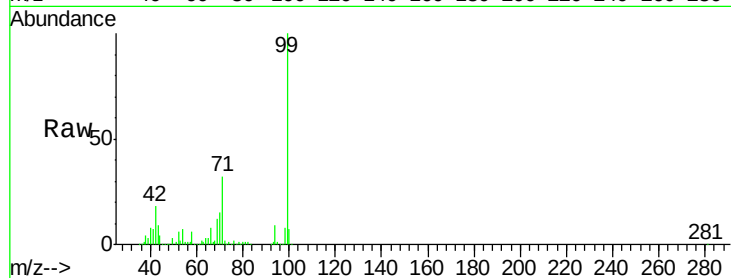
71 32.5 24.9 37.3

Manual Integrations

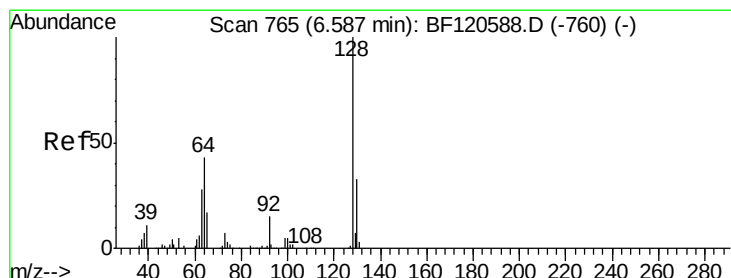
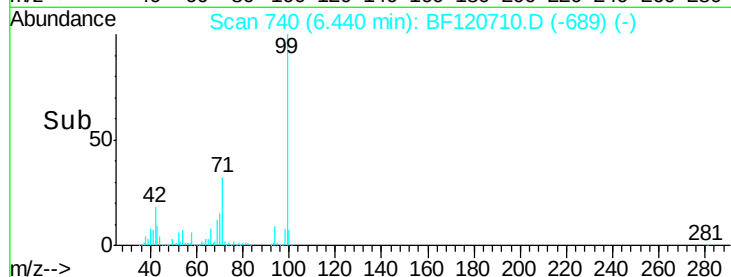
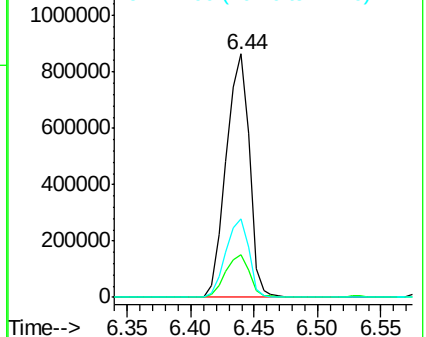
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 51.068 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

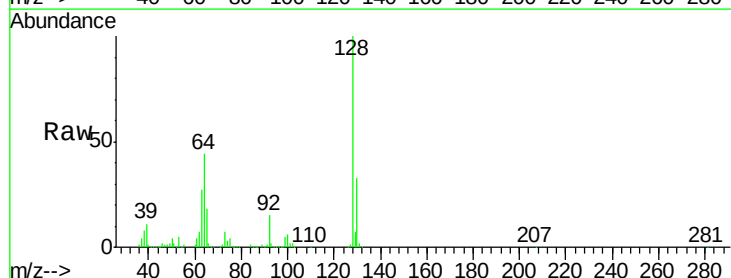
Tgt Ion: 128 Resp: 416080

Ion Ratio Lower Upper

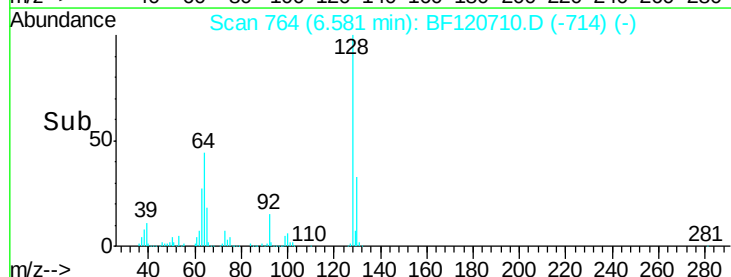
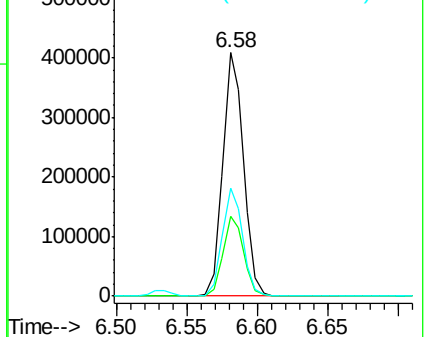
128 100

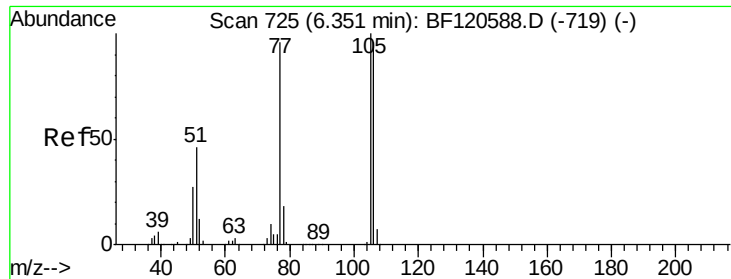
130 32.6 12.6 52.6

64 44.3 24.3 64.3



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





#9

Benzaldehyde

Concen: 18.024 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

Instrument :

BNA_F

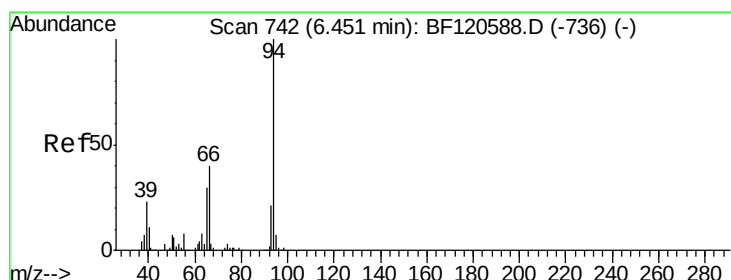
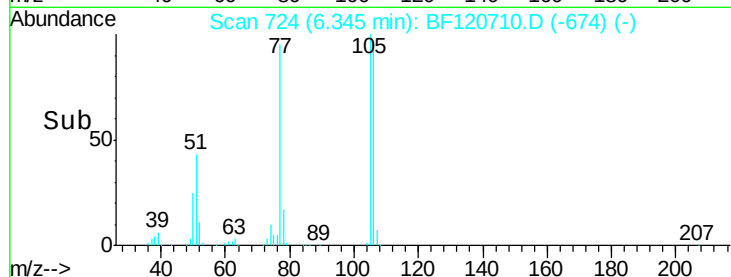
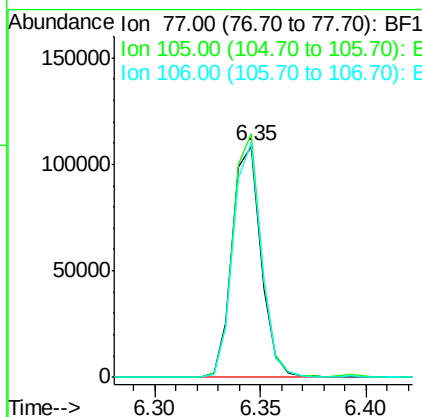
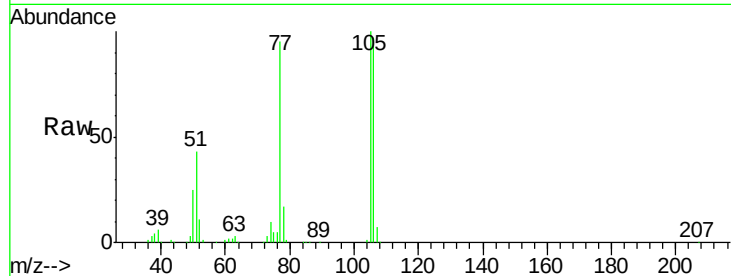
ClientSampleId :

NB-08-061620MS

Tot Ion:	77	Resp:	102375
Ion	Ratio	Lower	Upper
77	100		
105	105.4	83.8	123.8
106	101.7	79.3	119.3

Manual Integrations
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#10

Phenol

Concen: 42.969 ng

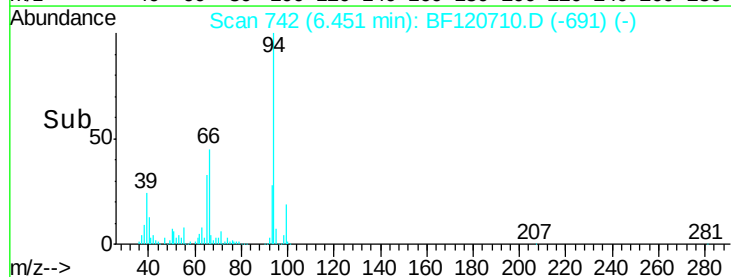
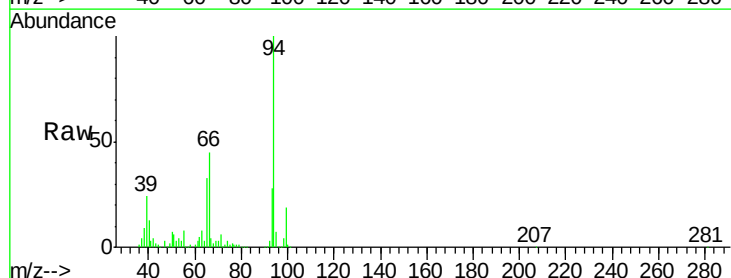
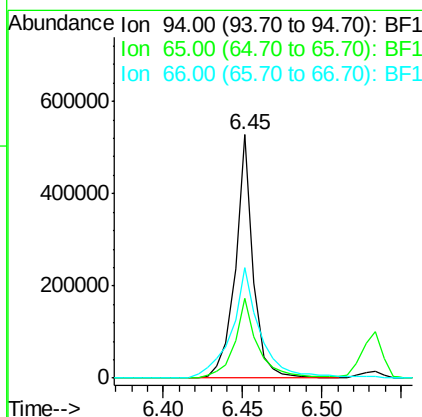
RT: 6.45 min Scan# 742

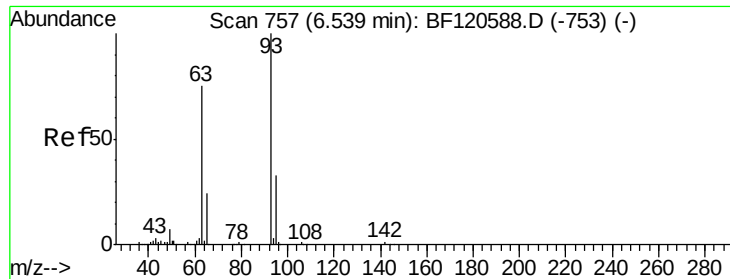
Delta R.T. 0.00 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

Tgt Ion:	94	Resp:	411691
Ion	Ratio	Lower	Upper
94	100		
65	32.8	9.9	49.9
66	45.1	20.1	60.1





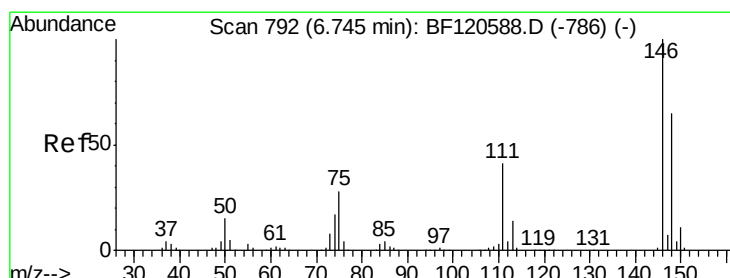
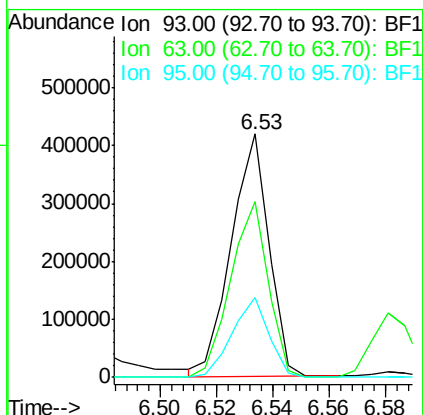
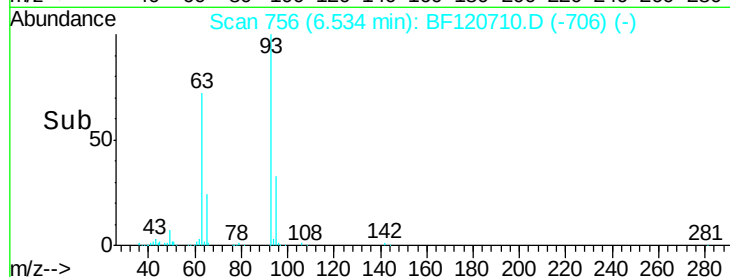
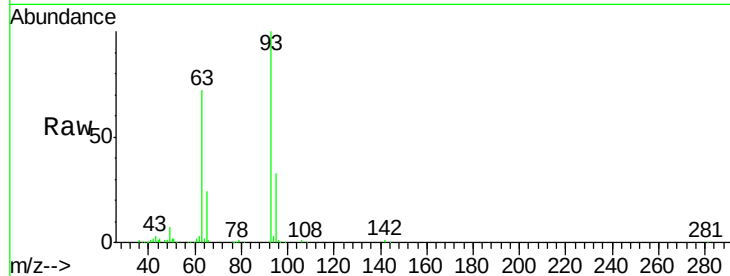
#11
bis(2-Chloroethyl)ether
Concen: 48.466 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.3	54.4	94.4
95	32.6	12.9	52.9

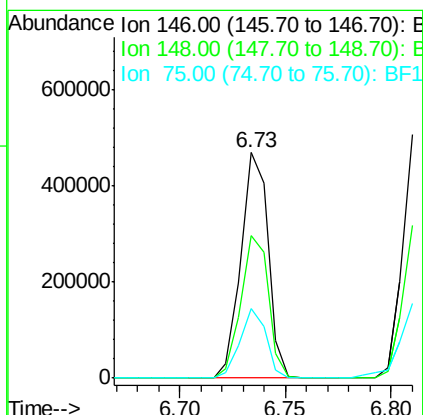
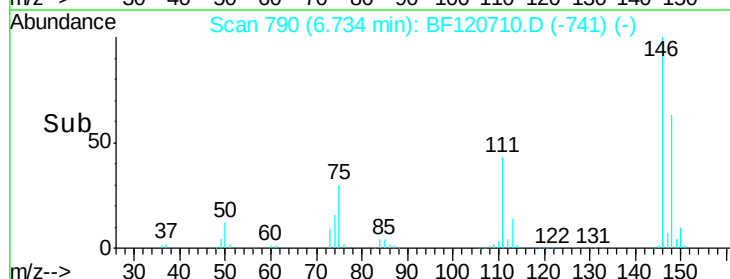
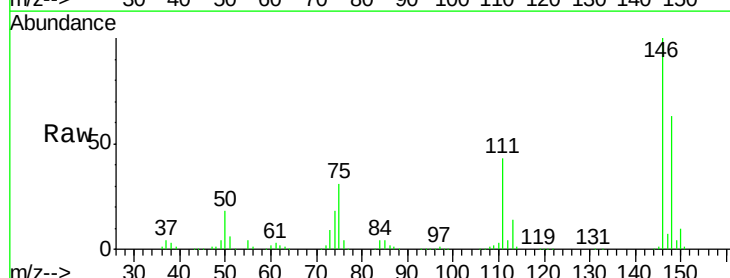
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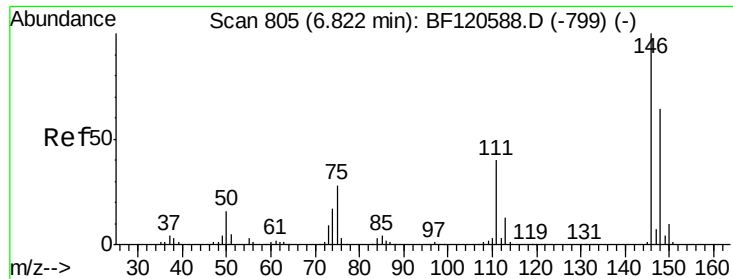
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#12
1,3-Dichlorobenzene
Concen: 48.323 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.8	77.6
75	30.9	22.2	33.4





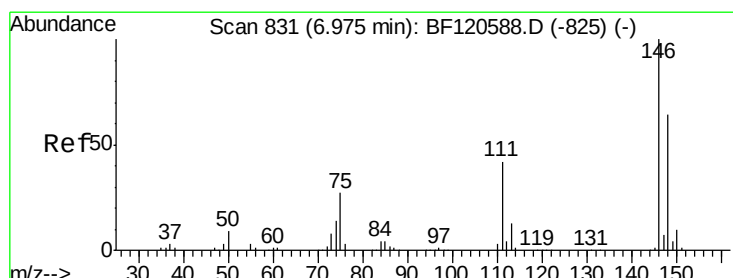
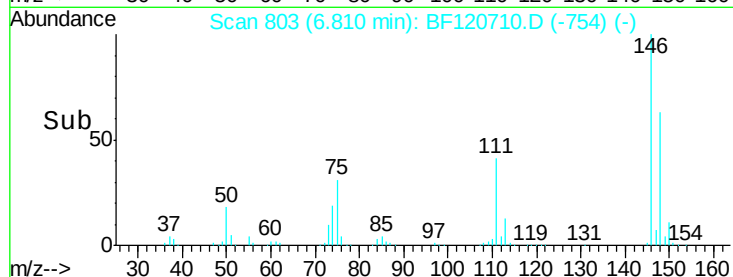
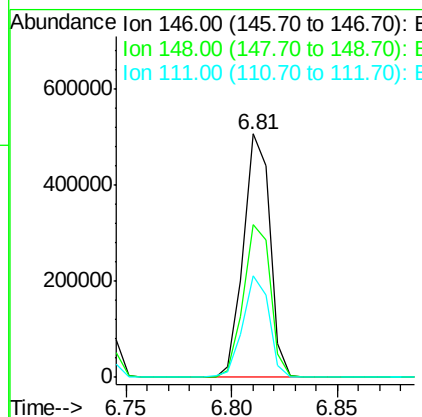
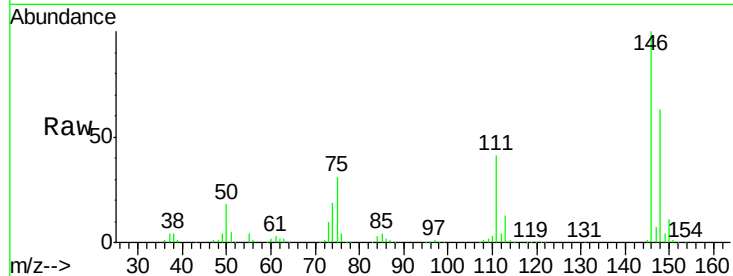
#13
 1,4-Dichlorobenzene
 Concen: 51.528 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.5	77.3
111	41.5	32.2	48.4

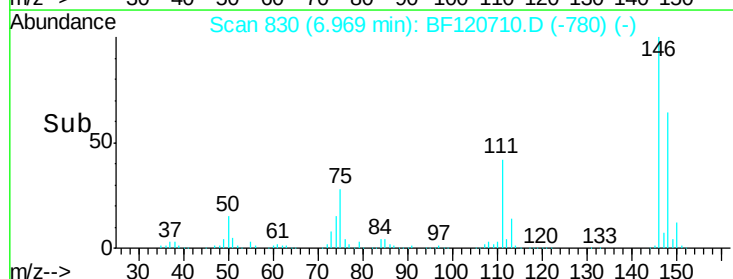
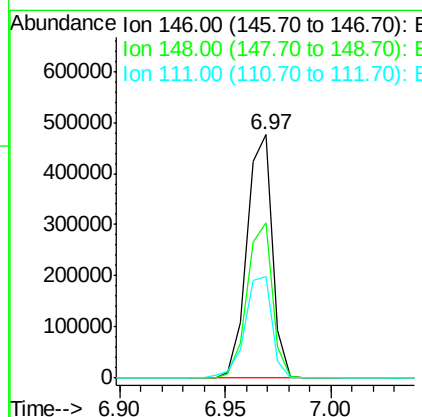
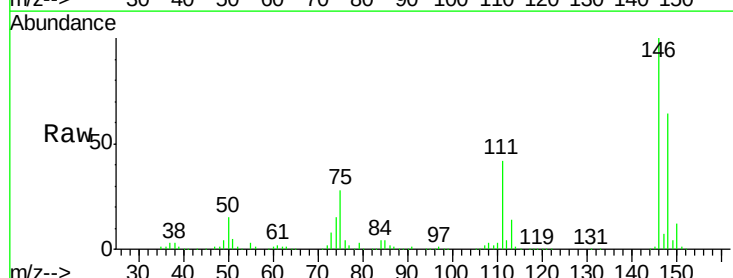
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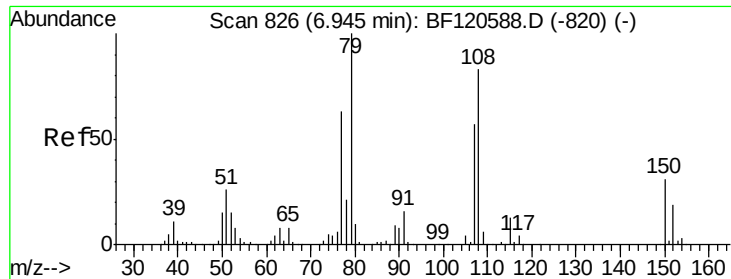
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#14
 1,2-Dichlorobenzene
 Concen: 47.520 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.8	76.2
111	41.7	33.6	50.4





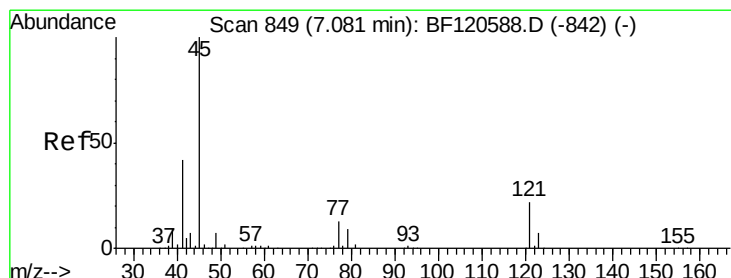
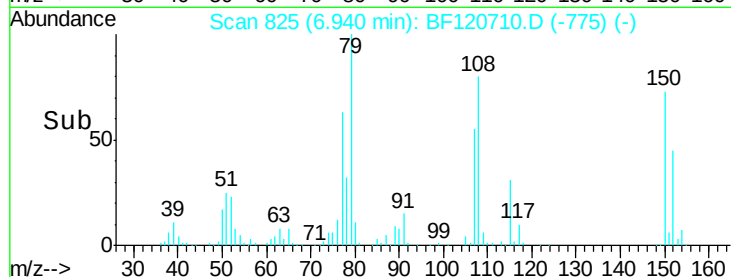
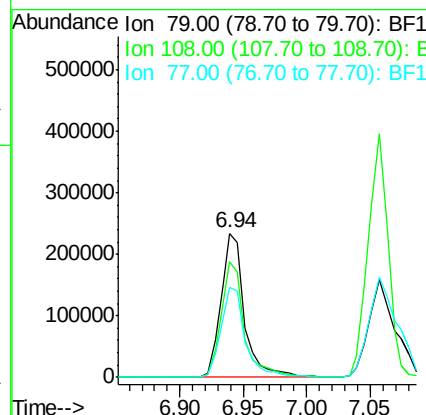
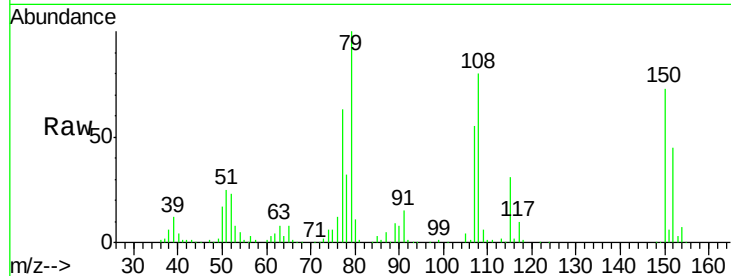
#15
Benzyl Alcohol
Concen: 48.038 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.1	66.8	100.2
77	62.8	50.6	76.0

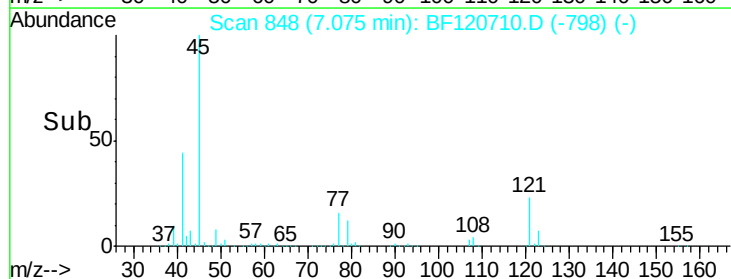
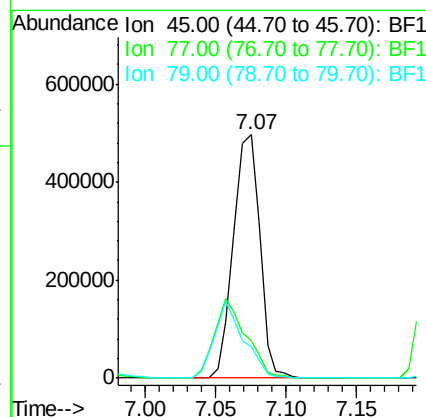
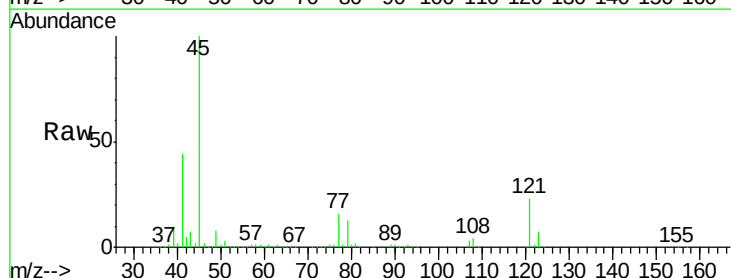
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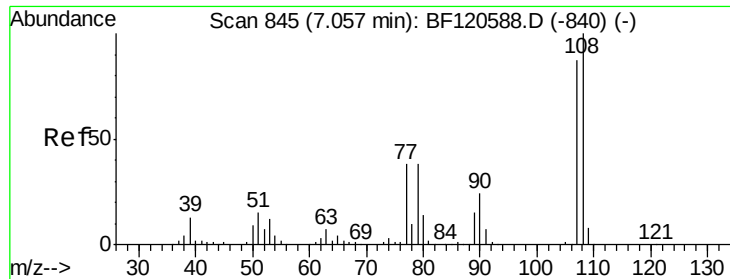
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#16
2,2'-oxybis(1-chloropropane)
Concen: 56.706 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.6	0.0	34.2
79	12.5	0.0	30.9





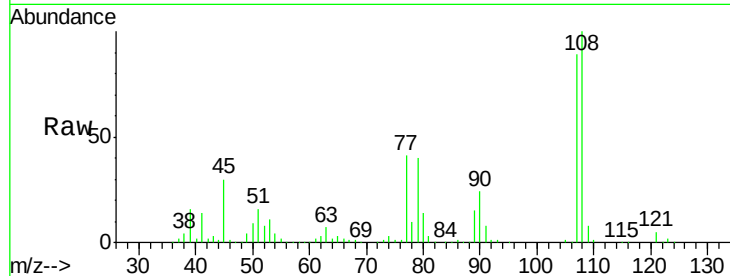
#17
2-Methylphenol
Concen: 54.818 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

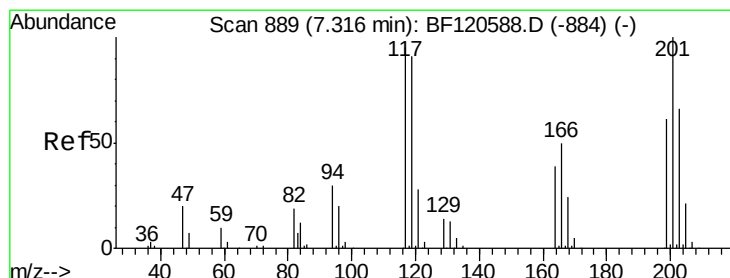
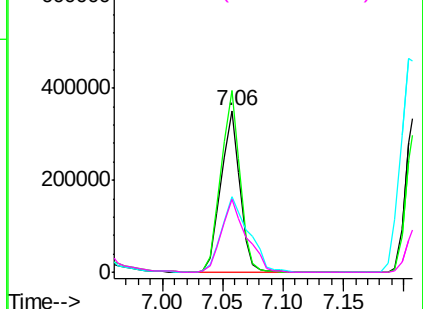
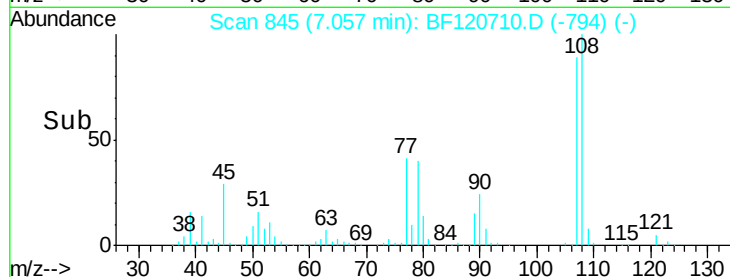
Tot Ion	107	Resp	380934
Ion	Ratio	Lower	Upper
107	100		
108	112.7	91.9	137.9
77	46.6	35.4	53.2
79	45.0	34.8	52.2

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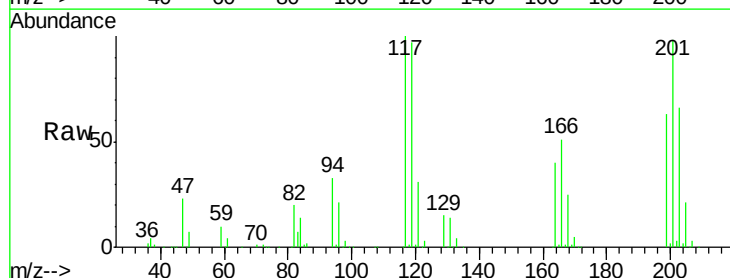


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

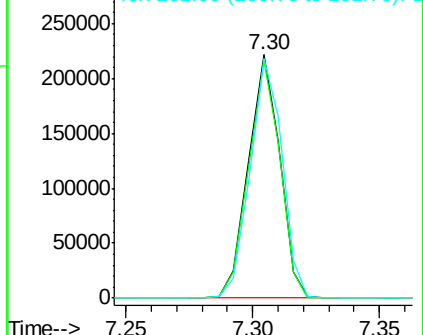
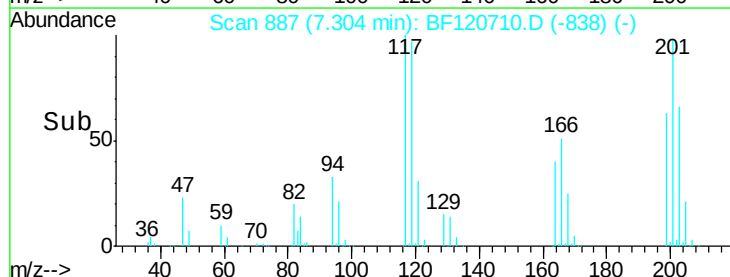


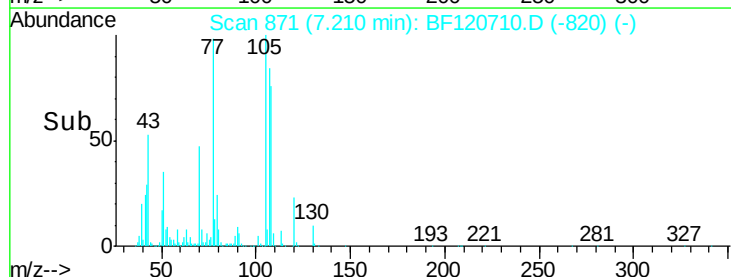
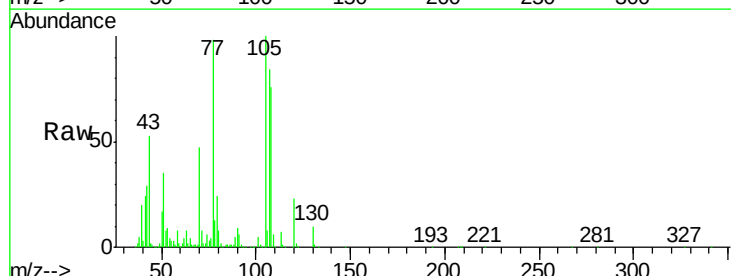
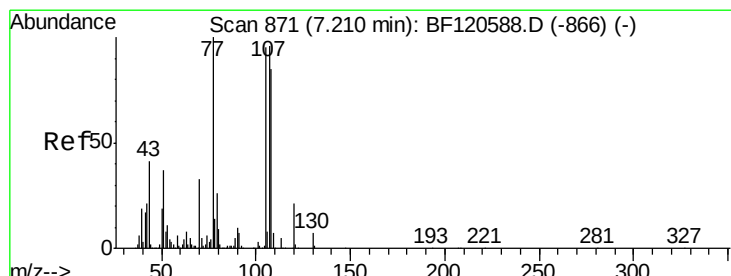
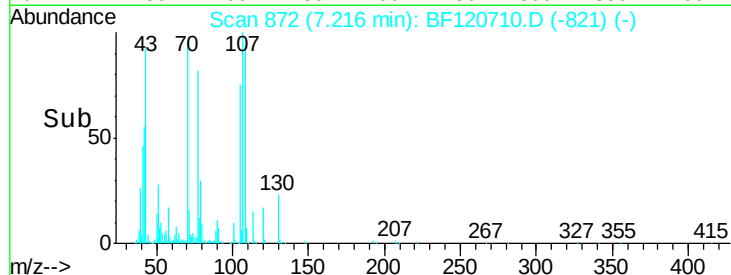
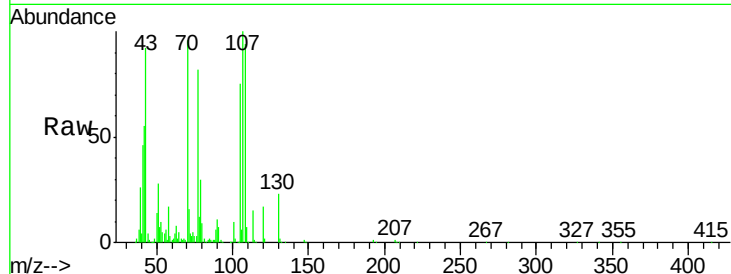
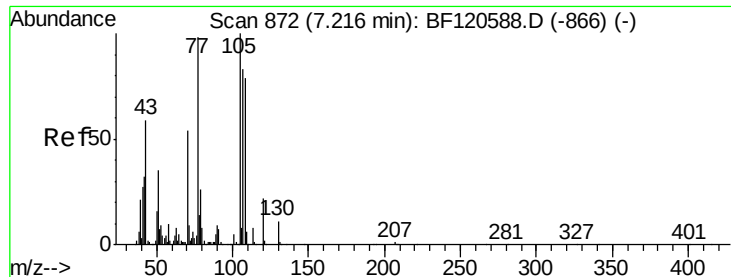
#18
Hexachloroethane
Concen: 60.676 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Tgt Ion	117	Resp	191072
Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.9	115.3
201	98.3	84.6	127.0



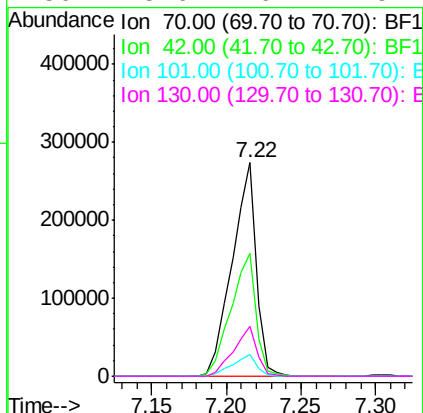
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 59.700 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.3	47.7	71.5
101	10.1	7.6	11.4
130	23.6	16.7	25.1



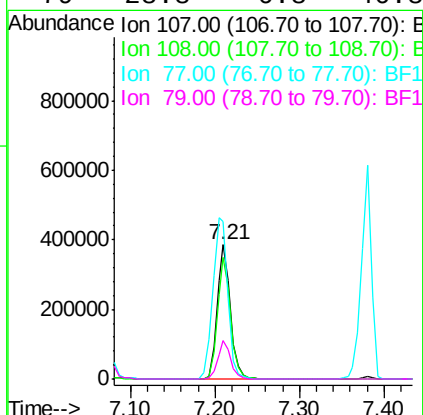
Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

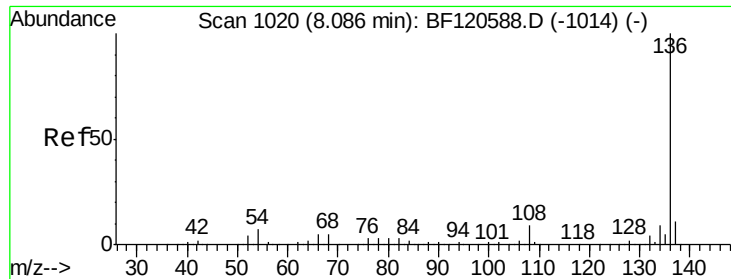
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#20
3+4-Methylphenols
Concen: 49.755 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.9	68.7	108.7
77	117.4	84.2	124.2
79	28.8	6.8	46.8





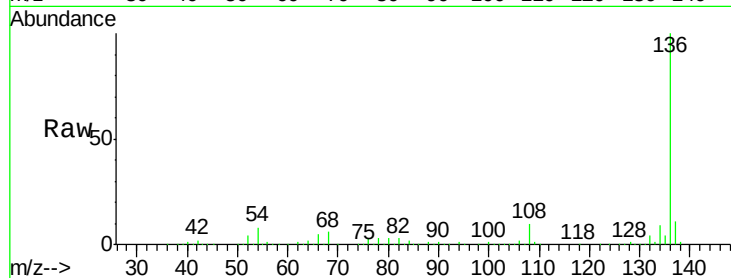
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

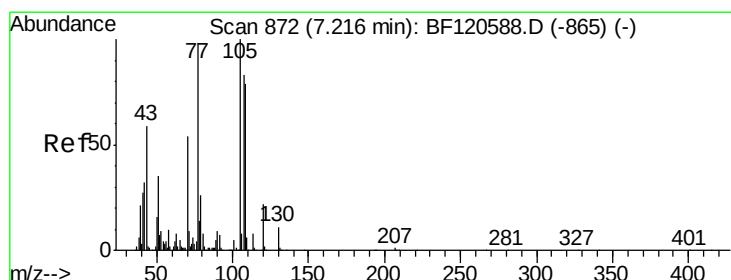
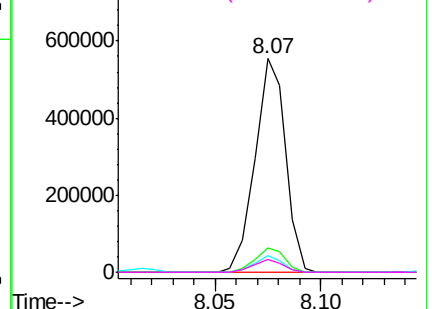
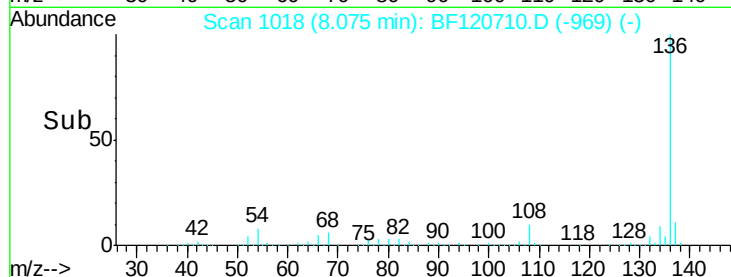
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		556524		
137	11.2		8.6	13.0	
54	7.9		5.8	8.6	
68	6.0		4.4	6.6	

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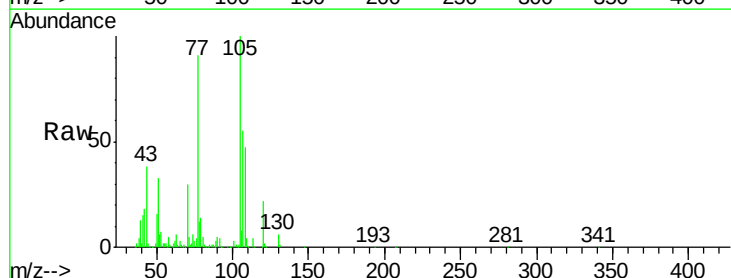


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

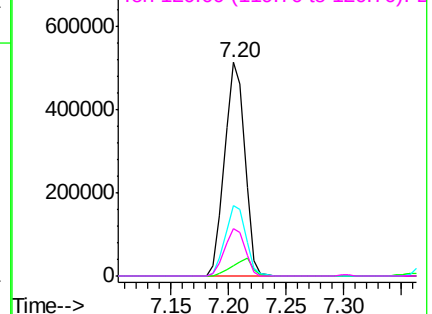
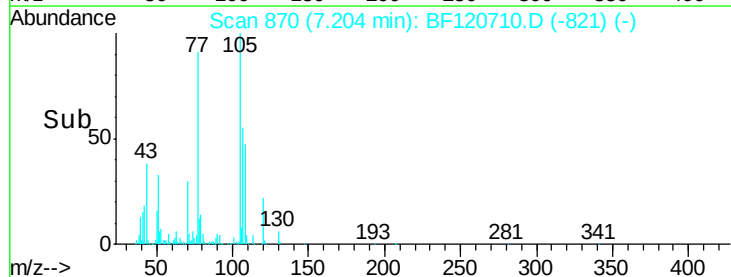


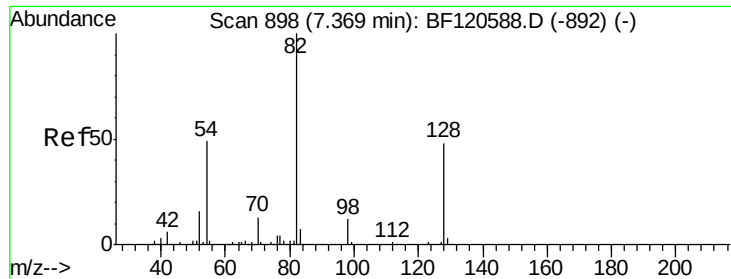
#22
Acetophenone
Concen: 49.900 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		620864		
71	4.9		7.2	10.8#	
51	33.1		27.8	41.8	
120	22.3		18.0	27.0	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 96.506 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

Instrument :

BNA_F

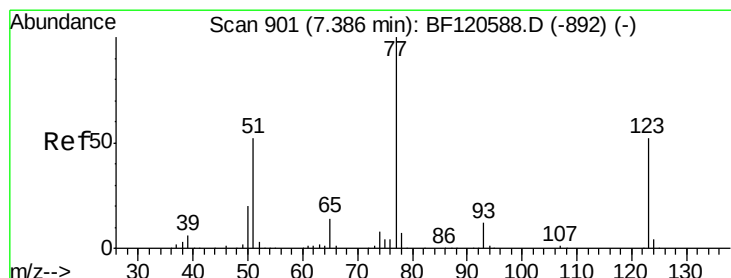
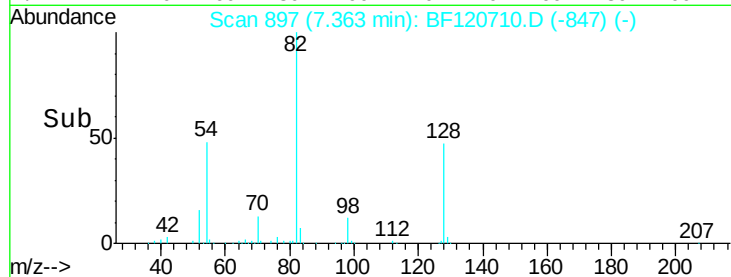
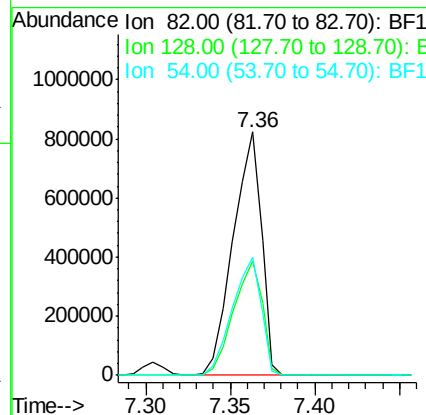
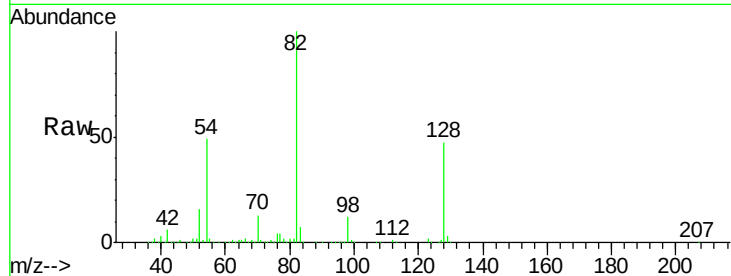
ClientSampleId :

NB-08-061620MS

Tot Ion:	82	Resp:	960839
Ion Ratio	Lower	Upper	
82	100		
128	46.8	38.0	57.0
54	48.6	38.8	58.2

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#24

Nitrobenzene

Concen: 47.879 ng

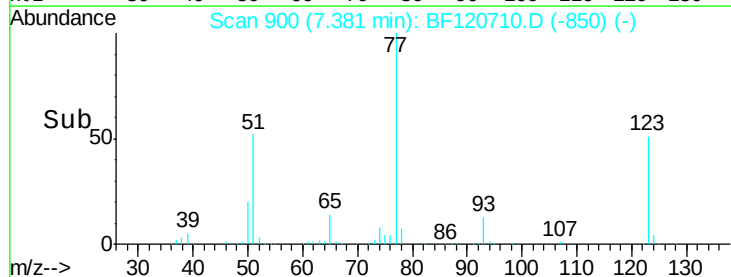
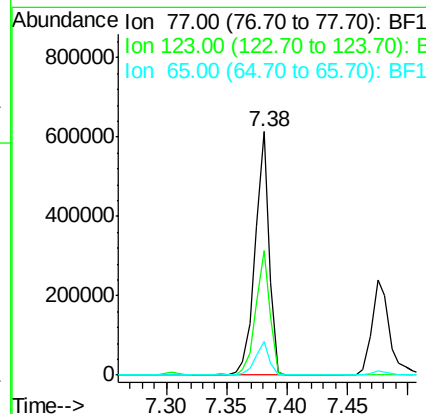
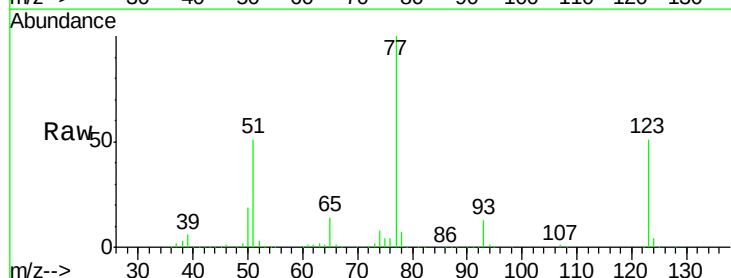
RT: 7.38 min Scan# 900

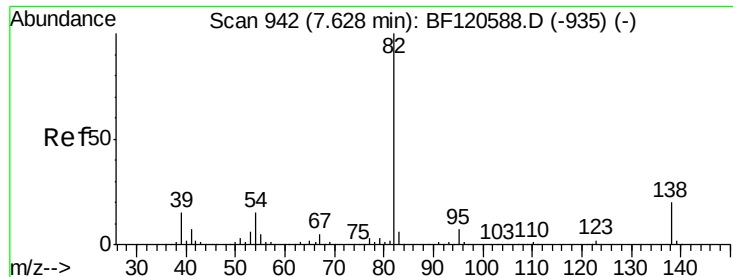
Delta R.T. -0.01 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

Tgt Ion:	77	Resp:	498849
Ion Ratio	Lower	Upper	
77	100		
123	50.9	41.4	62.0
65	13.7	11.0	16.4





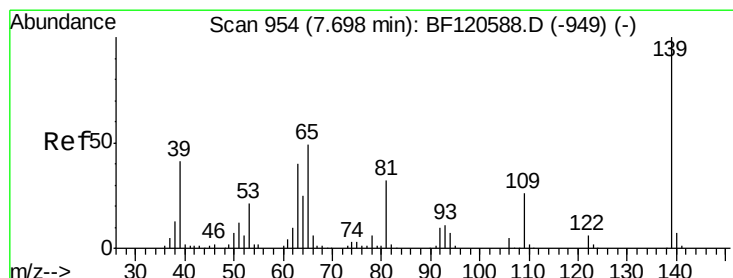
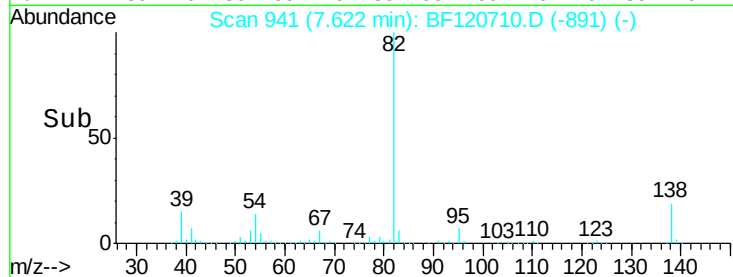
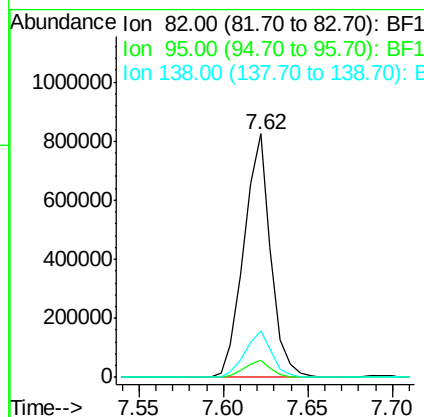
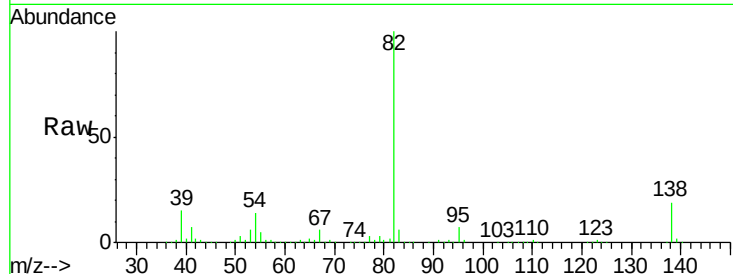
#25
Isophorone
Concen: 47.113 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.1	5.7	8.5	
138	19.3	16.2	24.4	

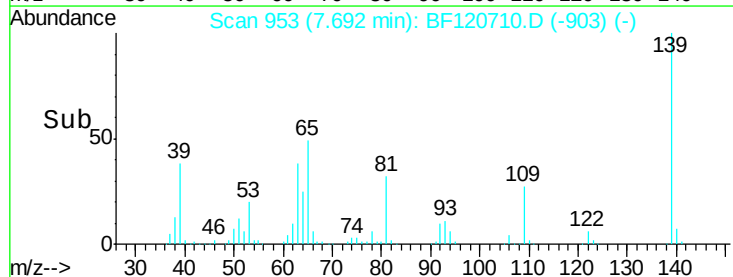
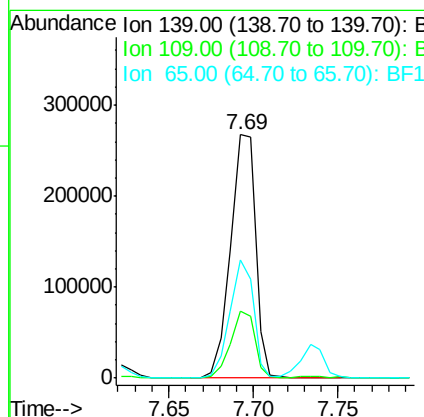
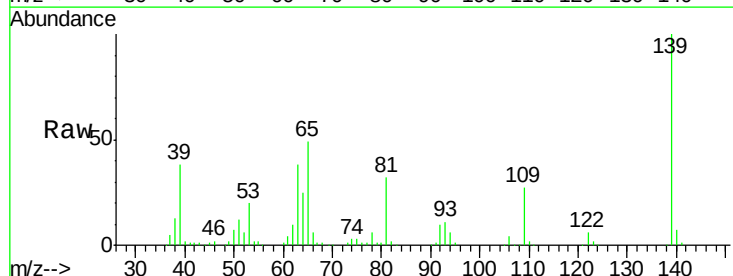
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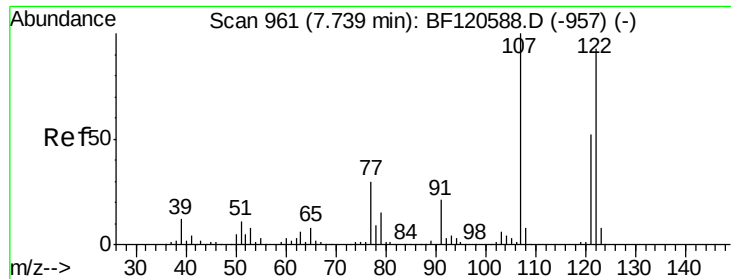
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#26
2-Nitrophenol
Concen: 49.959 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	27.3	21.1	31.7	
65	48.5	39.4	59.0	





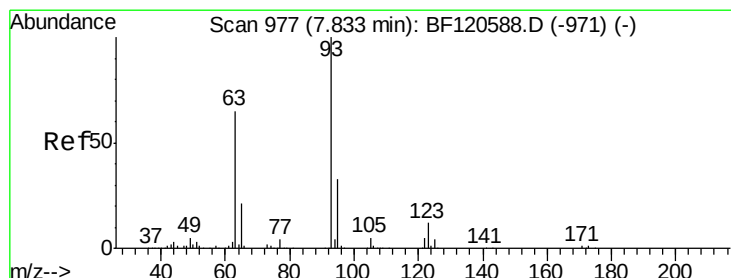
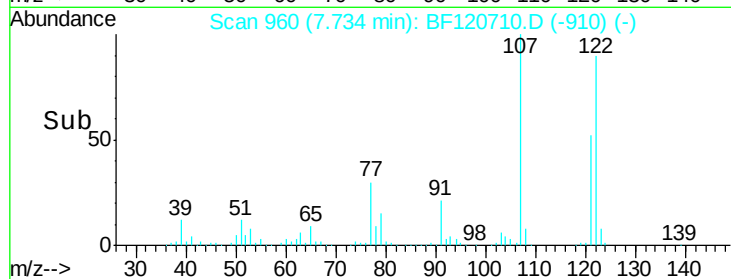
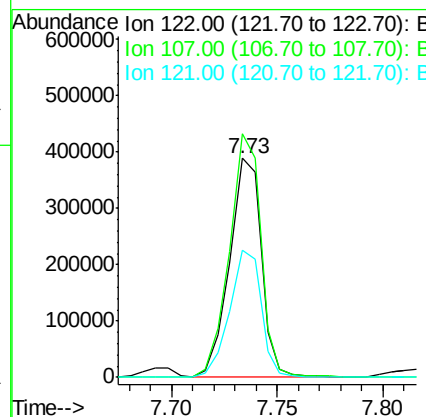
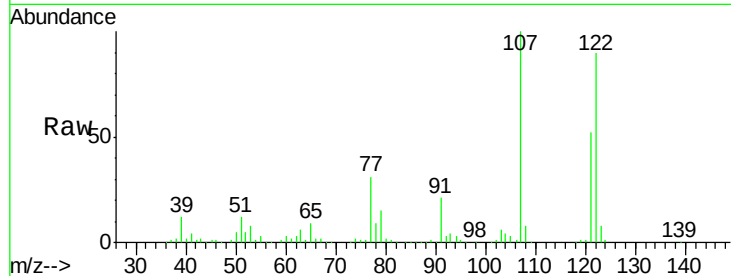
#27
2,4-Dimethylphenol
Concen: 49.862 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.2	86.4	129.6
121	58.0	45.2	67.8

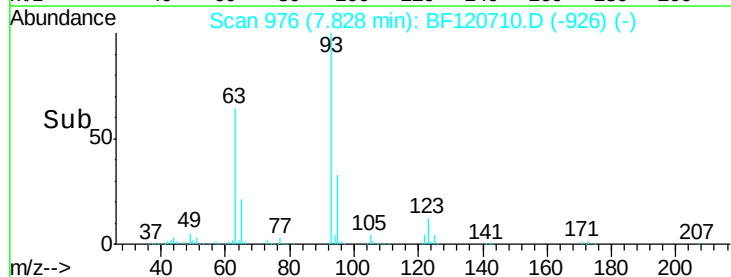
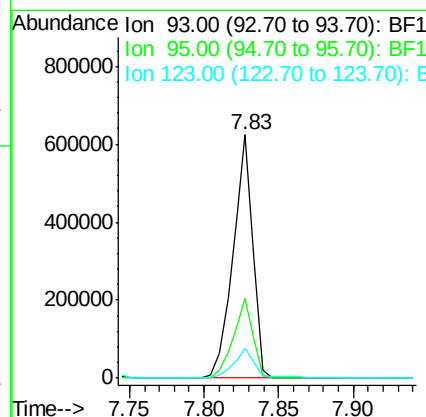
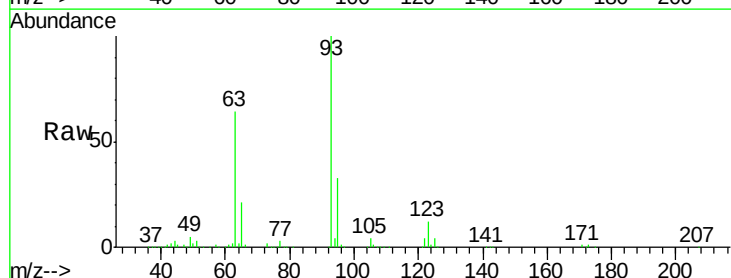
Manual Integrations
APPROVED

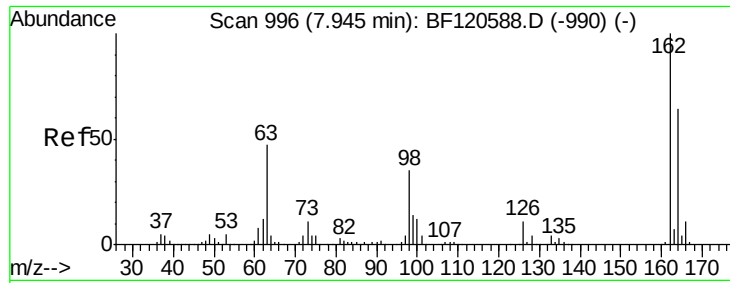
mohammad
6/29/2020 3:18:28 PM



#28
bis(2-Chloroethoxy)methane
Concen: 51.952 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.4
123	12.1	9.5	14.3





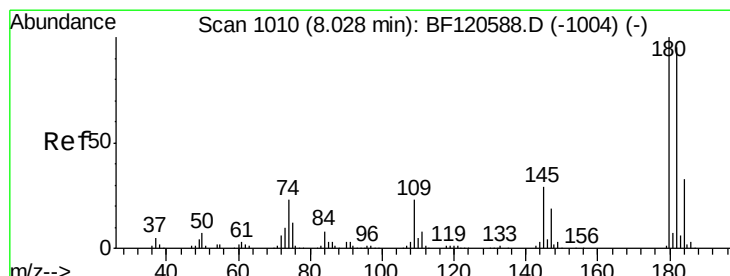
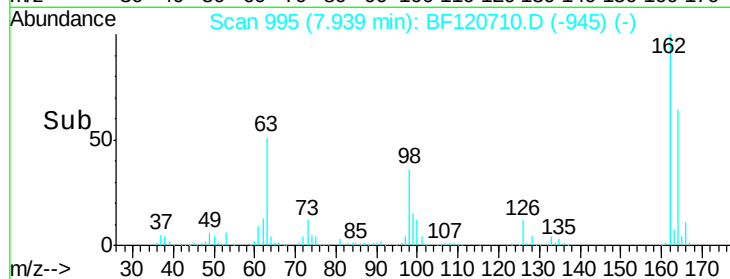
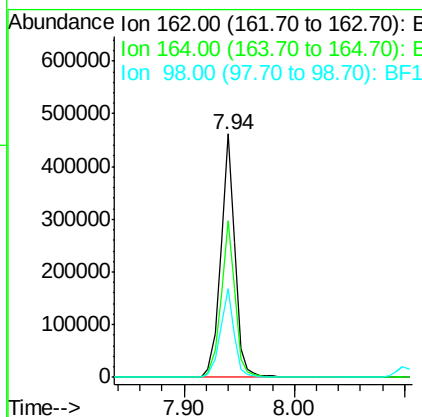
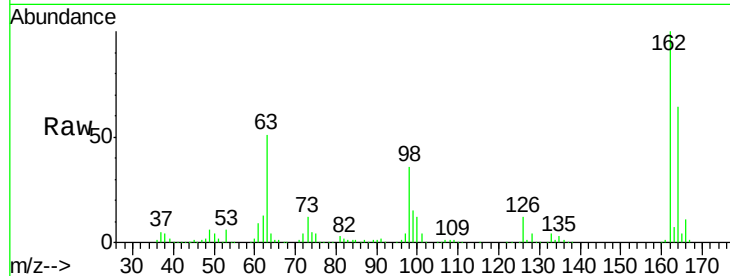
#29
2,4-Dichlorophenol
Concen: 50.187 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	414030		
164	64.2	44.1	84.1	
98	36.3	14.7	54.7	

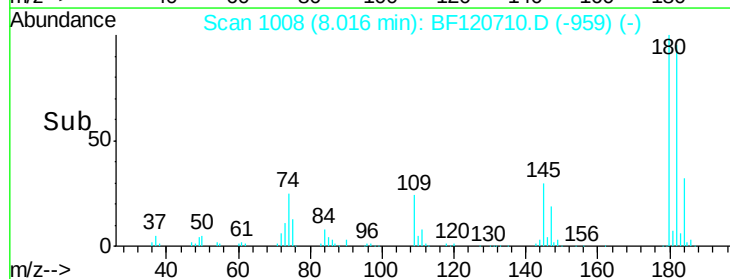
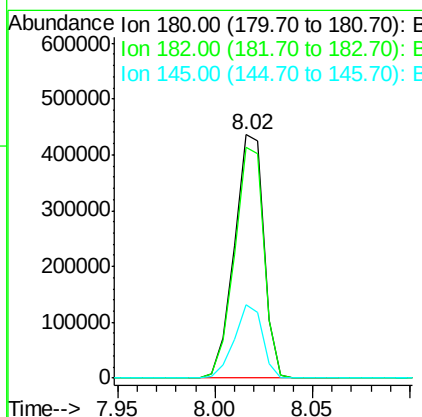
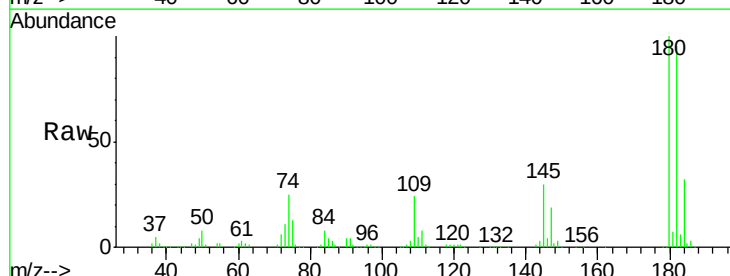
Manual Integrations
APPROVED

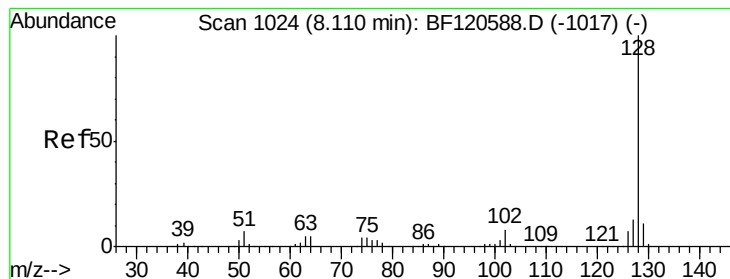
mohammad
6/29/2020 3:18:28 PM



#30
1,2,4-Trichlorobenzene
Concen: 49.776 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	455072		
182	94.7	75.8	113.6	
145	30.0	23.0	34.6	





#31

Naphthalene

Concen: 50.282 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

Tot Ion:128 Resp: 1374060

Ion Ratio Lower Upper

128 100

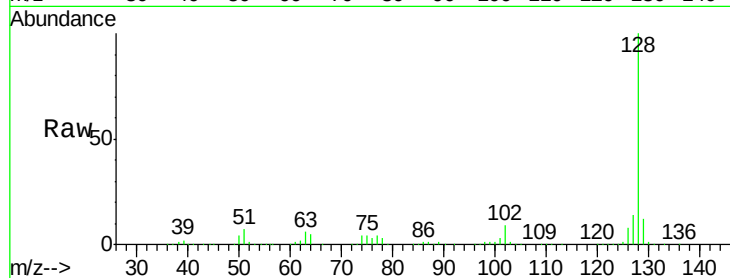
129 11.7 8.8 13.2

127 13.5 10.6 15.8

Manual Integrations
APPROVED

mohammad

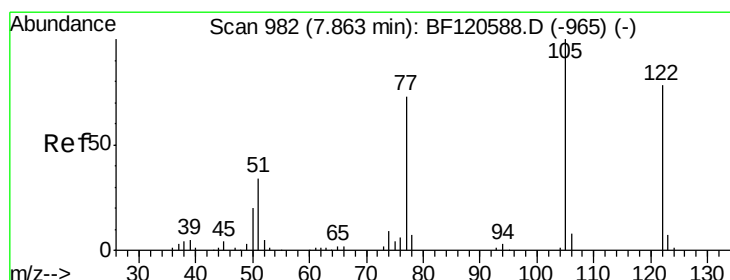
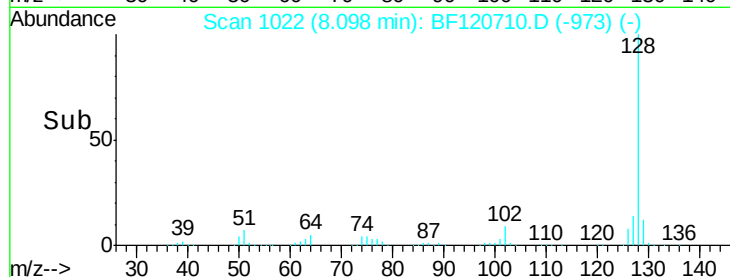
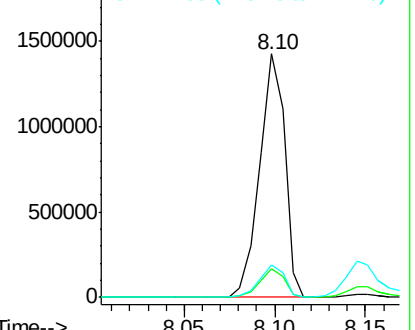
6/29/2020 3:18:28 PM



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: 22.341 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

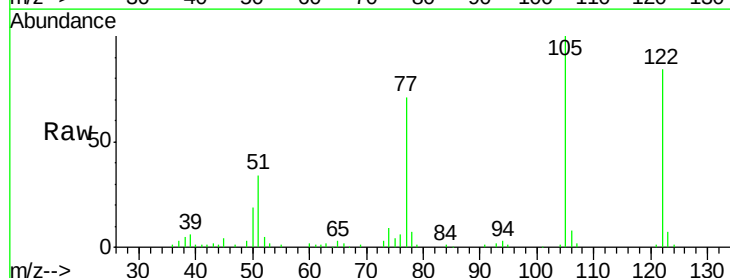
Tgt Ion:122 Resp: 139115

Ion Ratio Lower Upper

122 100

105 119.4 101.0 141.0

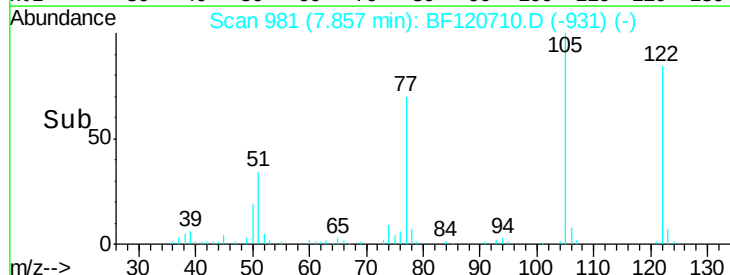
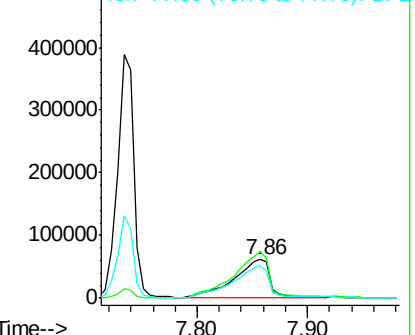
77 84.8 69.8 109.8

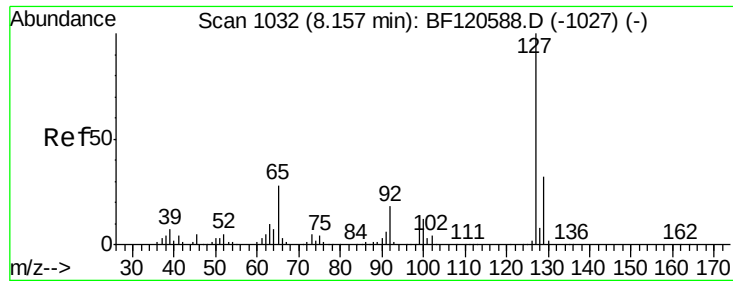


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





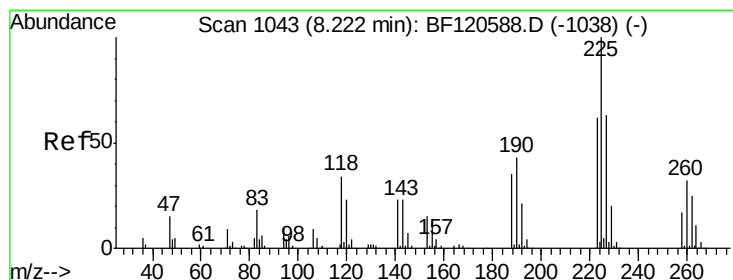
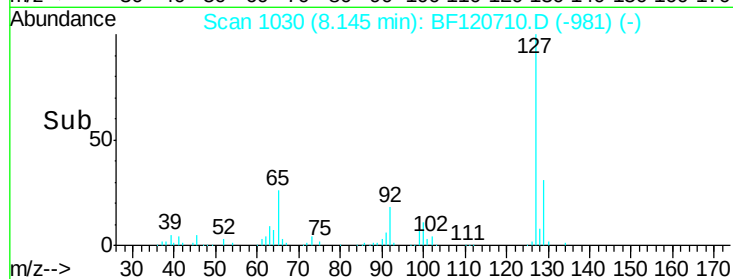
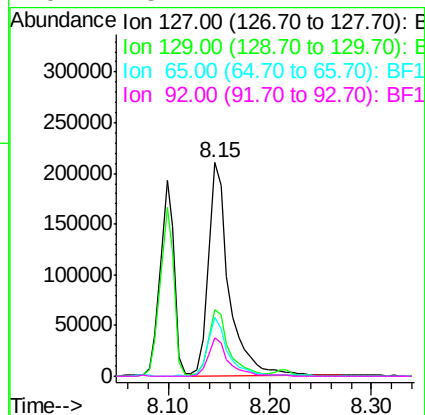
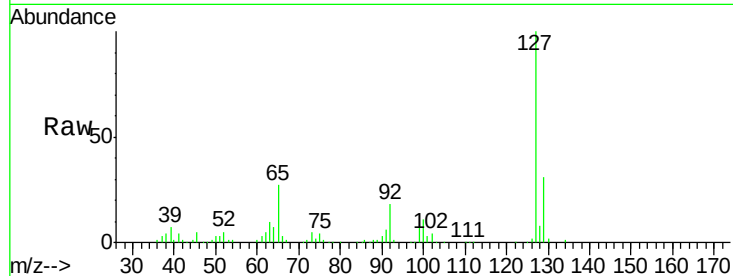
#33
4-Chloroaniline
Concen: 23.587 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		295855		
129	31.2	25.9	38.9		
65	27.3	22.2	33.4		
92	18.1	14.2	21.2		

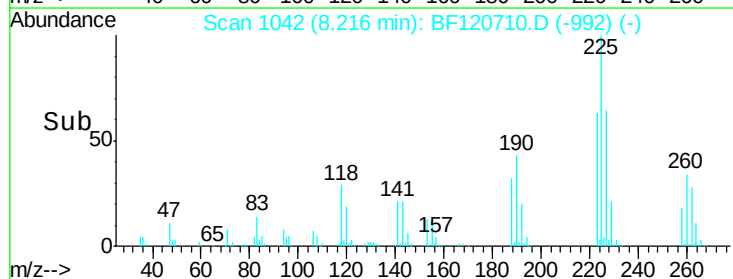
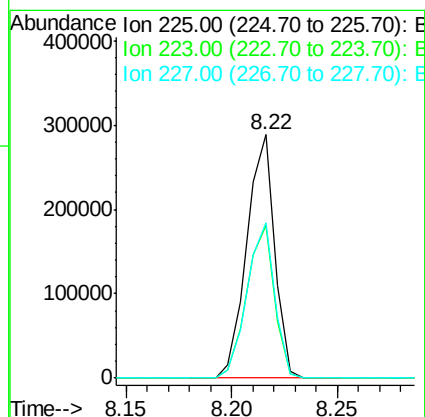
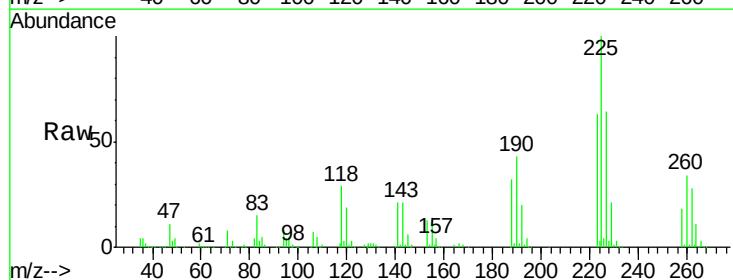
Manual Integrations
APPROVED

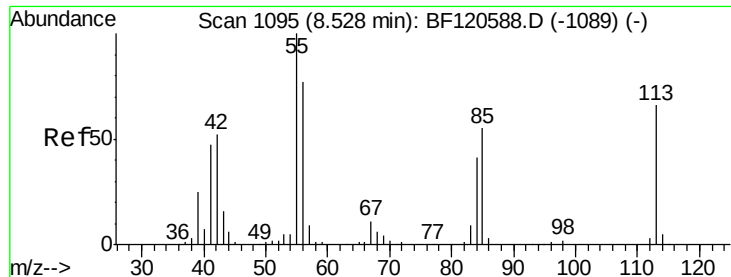
mohammad
6/29/2020 3:18:28 PM



#34
Hexachlorobutadiene
Concen: 49.425 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		263396		
223	62.8	49.9	74.9		
227	63.9	50.5	75.7		





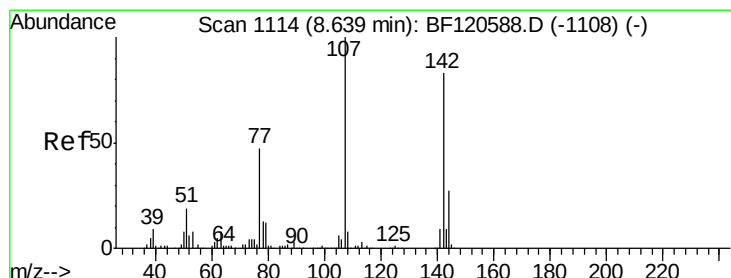
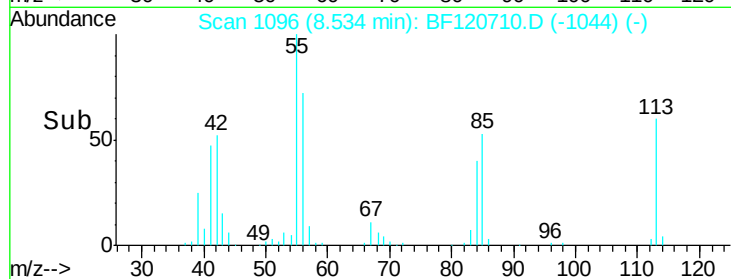
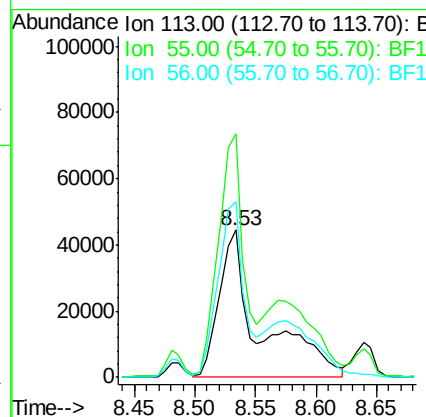
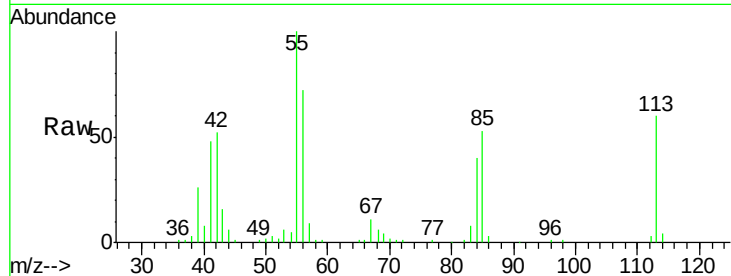
#35
 Caprolactam
 Concen: 39.654 ng/ml
 RT: 8.53 min Scan# 1096
 Delta R.T. 0.01 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	165.5	133.1	173.1
56	119.5	98.4	138.4

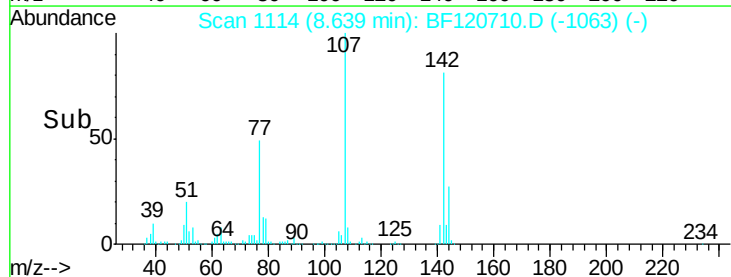
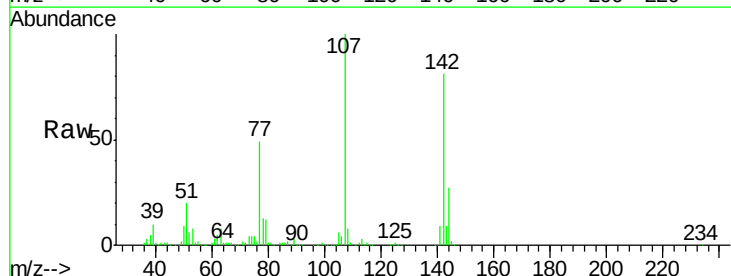
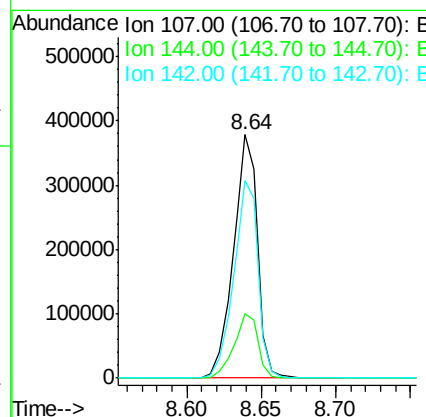
Manual Integrations
 APPROVED

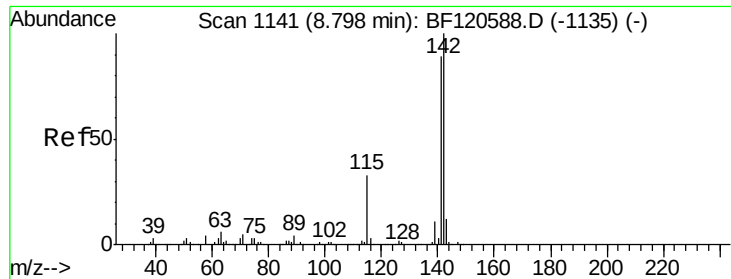
mohammad
 6/29/2020 3:18:28 PM



#36
 4-Chloro-3-methylphenol
 Concen: 51.838 ng/ml
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.5	21.4	32.2
142	81.0	66.3	99.5





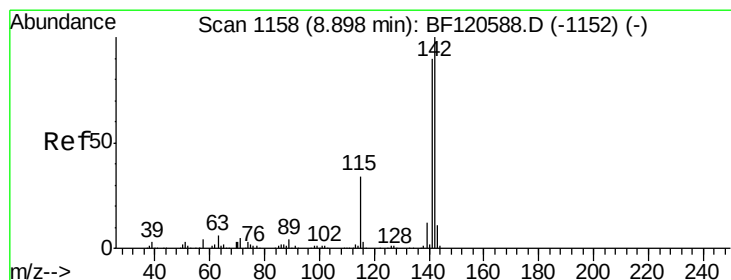
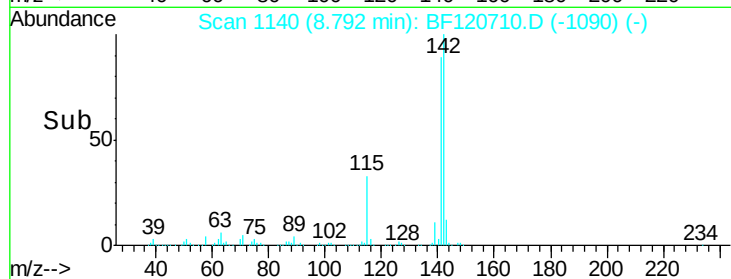
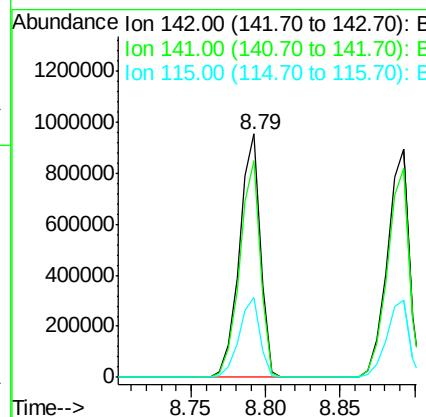
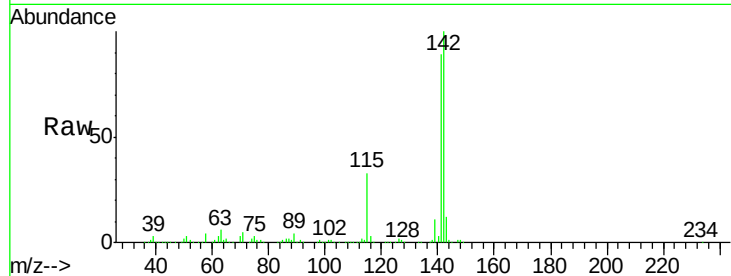
#37
2-Methylnaphthalene
Concen: 52.802 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.0
115	32.9	26.1	39.1

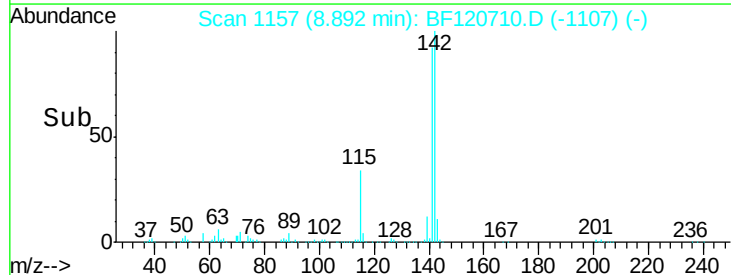
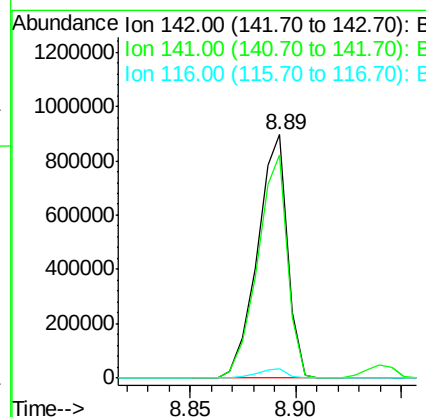
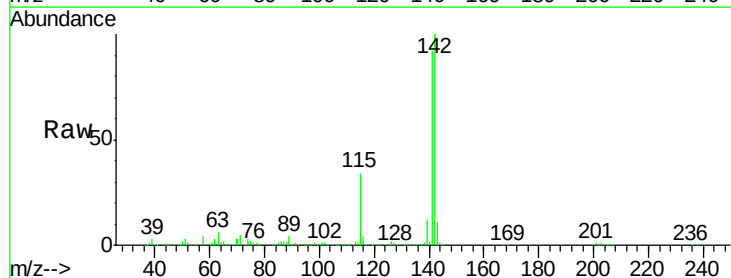
Manual Integrations
APPROVED

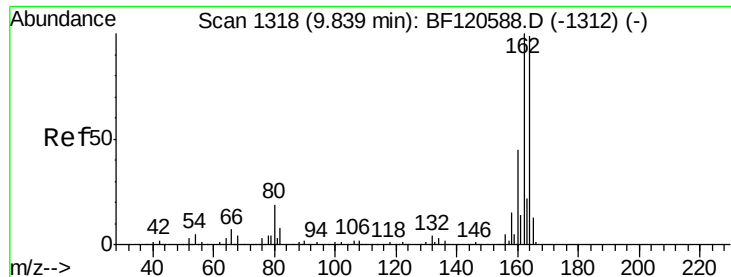
mohammad
6/29/2020 3:18:28 PM



#38
1-Methylnaphthalene
Concen: 52.853 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.1	108.1
116	3.6	2.7	4.1





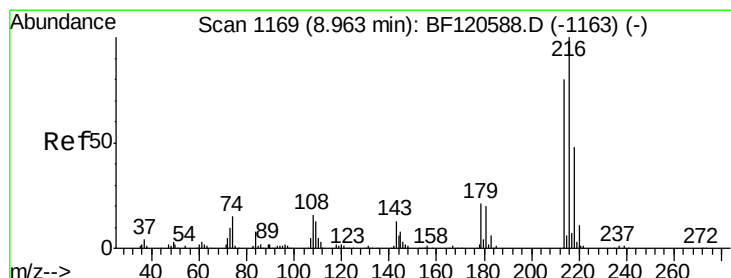
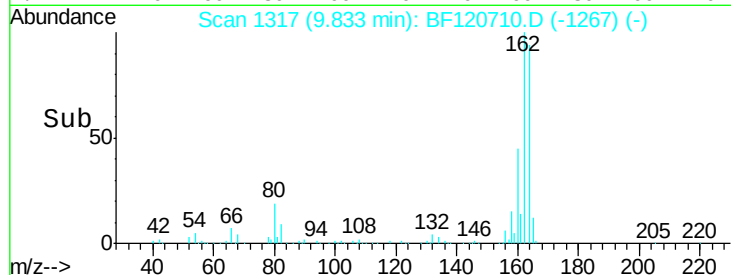
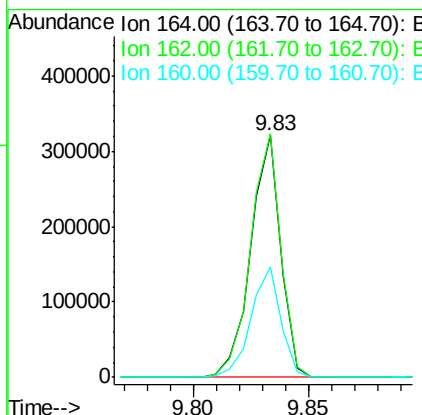
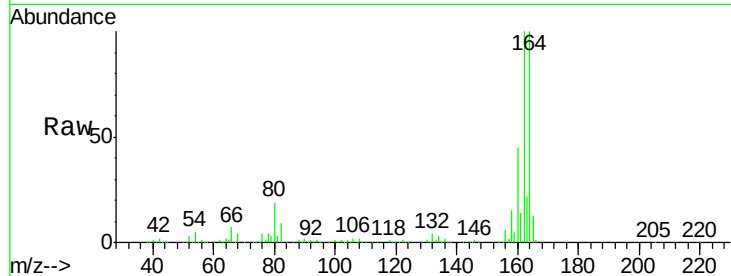
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	291653		
162	100.5	80.6	120.8	
160	45.5	36.2	54.2	

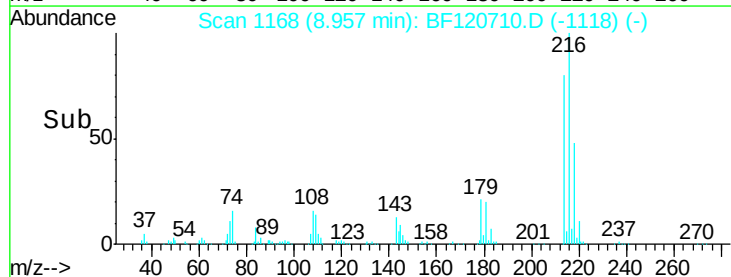
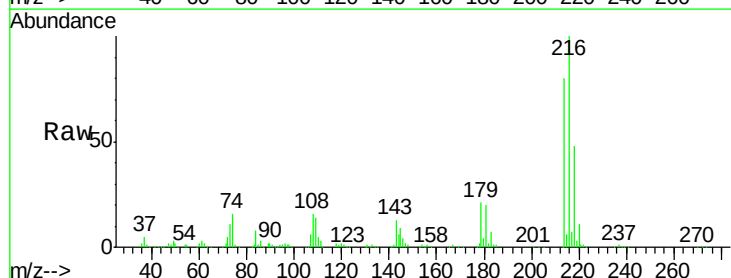
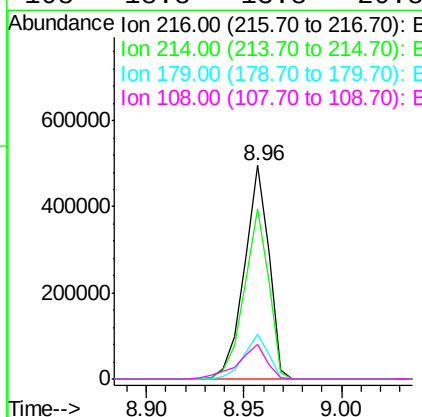
Manual Integrations
APPROVED

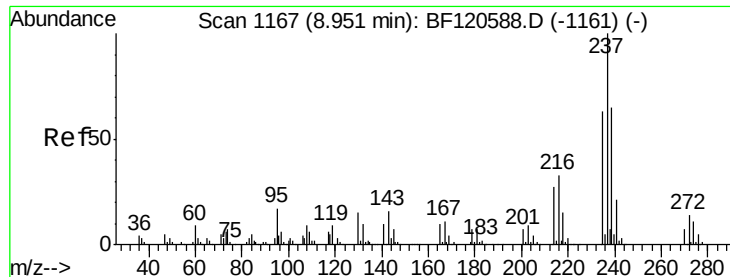
mohammad
6/29/2020 3:18:28 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.509 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	431147		
214	79.5	63.8	95.6	
179	20.9	16.4	24.6	
108	18.8	13.8	20.8	





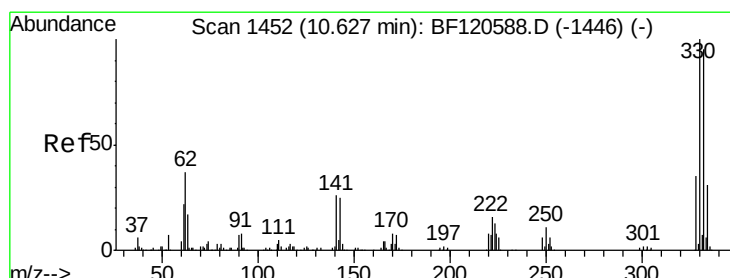
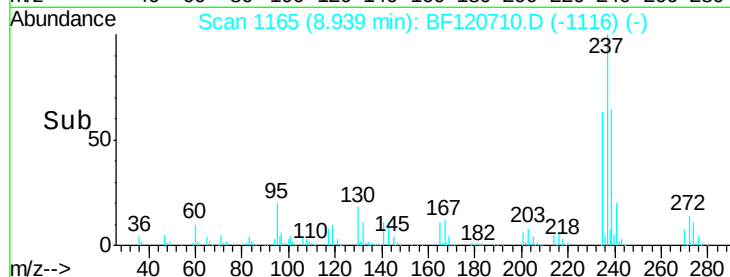
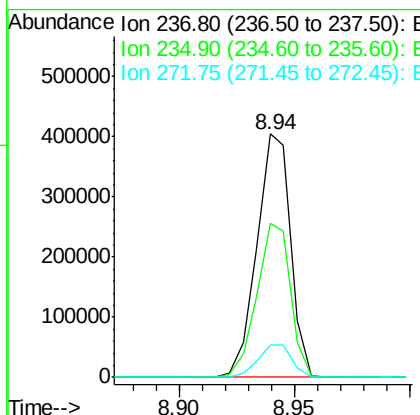
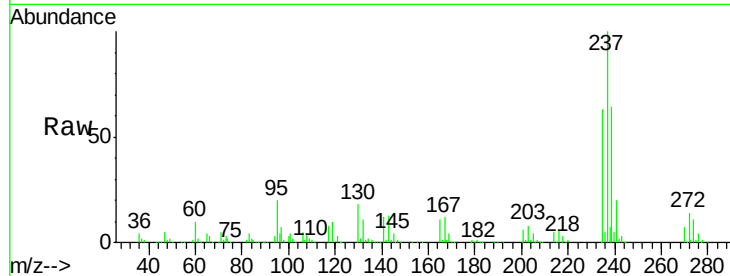
#41
Hexachlorocyclopentadiene
Concen: 84.403 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion:	237	Resp:	411886
Ion Ratio	Lower	Upper	
237	100		
235	63.2	43.2	83.2
272	13.5	0.0	33.9

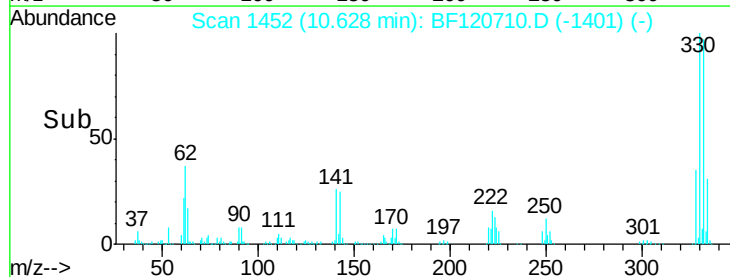
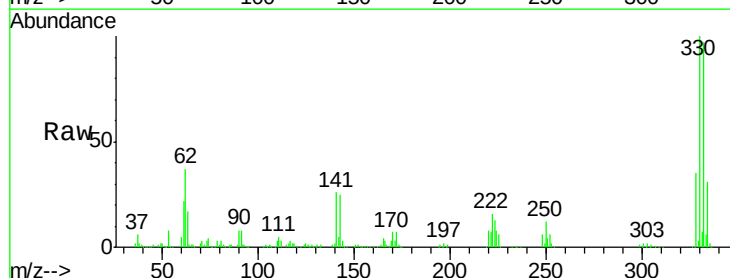
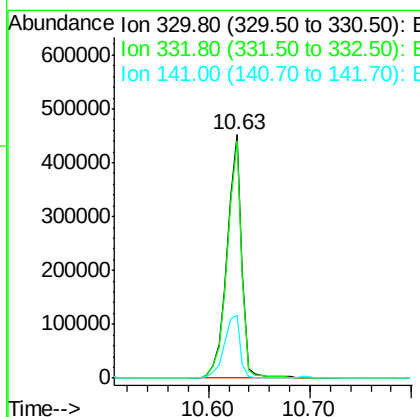
Manual Integrations
APPROVED

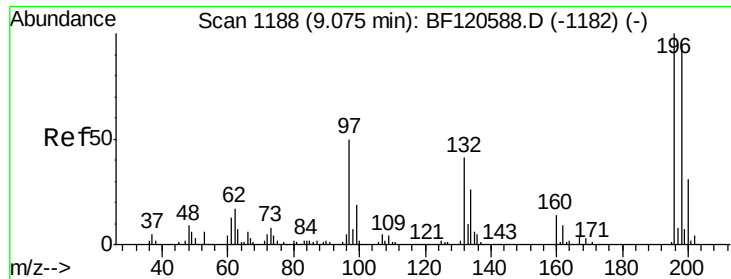
mohammad
6/29/2020 3:18:28 PM



#42
2,4,6-Tribromophenol
Concen: 133.727 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Tgt Ion:	330	Resp:	453450
Ion Ratio	Lower	Upper	
330	100		
332	96.8	76.8	115.2
141	28.2	23.2	34.8





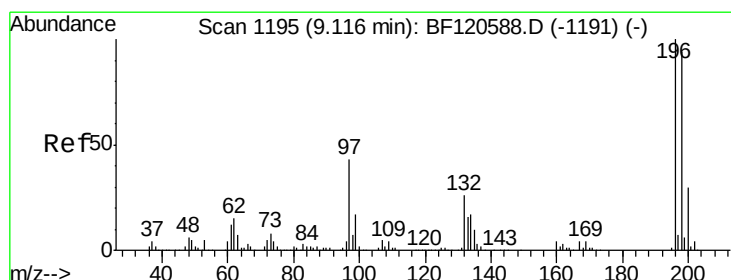
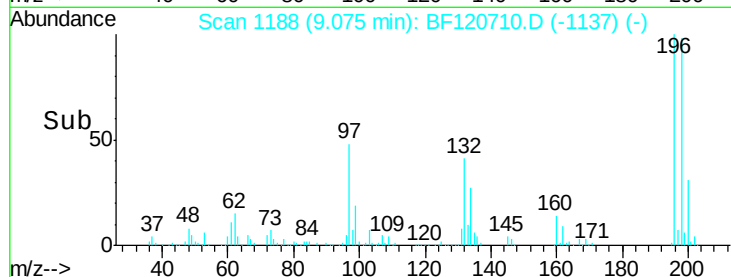
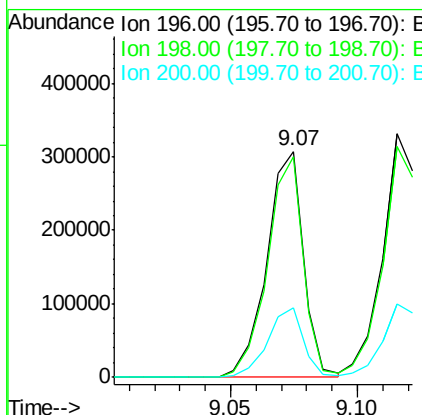
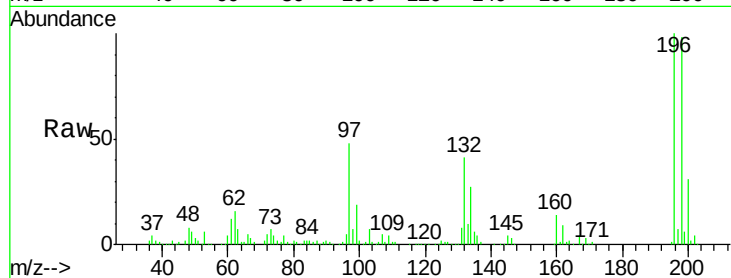
#43
 2,4,6-Trichlorophenol
 Concen: 49.749 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

Tot Ion:	196	Resp:	307323
Ion Ratio	Lower	Upper	
196	100		
198	97.6	76.2	114.2
200	30.6	24.6	37.0

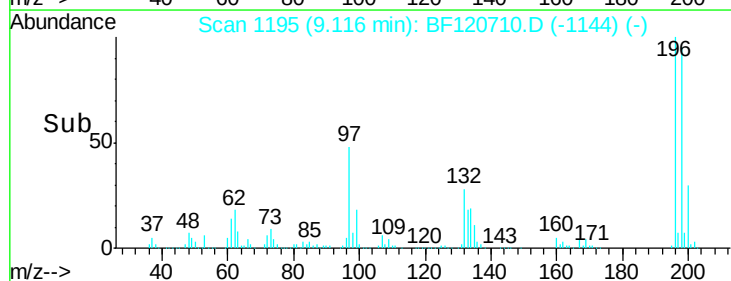
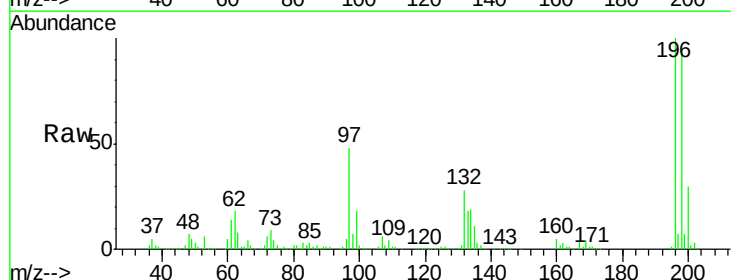
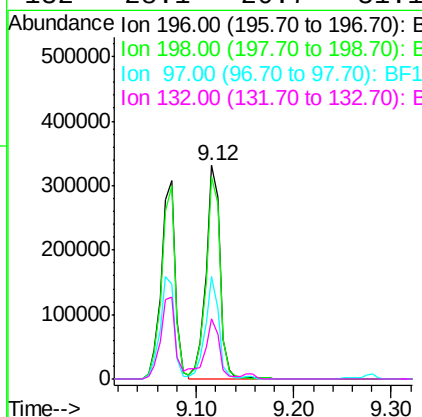
Manual Integrations
 APPROVED

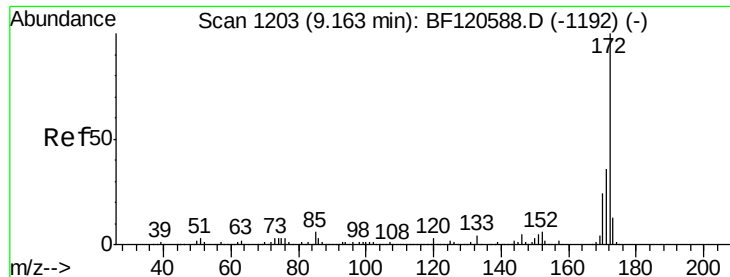
mohammad
 6/29/2020 3:18:28 PM



#44
 2,4,5-Trichlorophenol
 Concen: 47.307 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Tgt Ion:	196	Resp:	331552
Ion Ratio	Lower	Upper	
196	100		
198	95.0	75.5	113.3
97	48.1	34.4	51.6
132	28.1	20.7	31.1





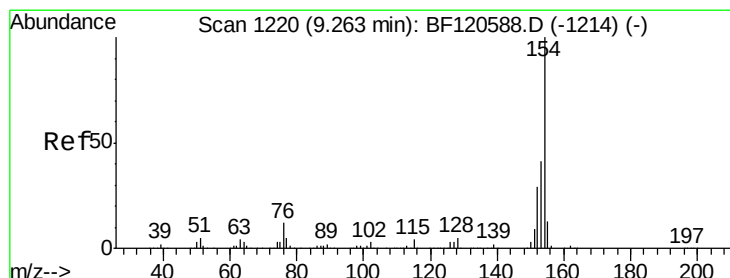
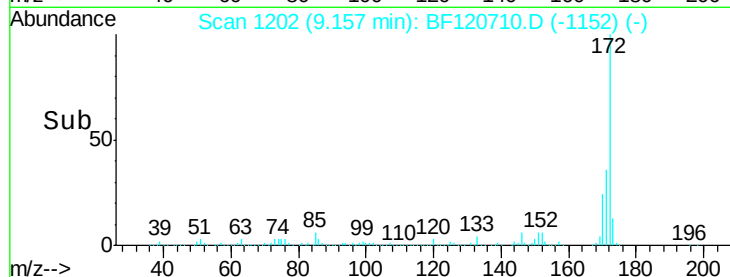
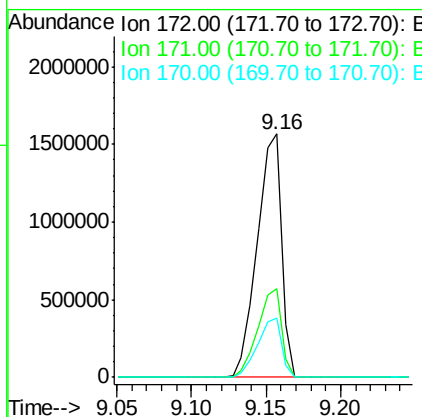
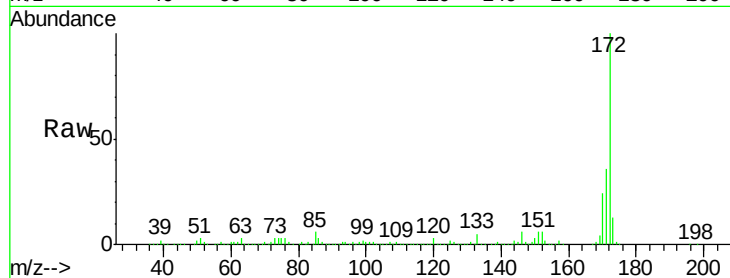
#45
2-Fluorobiphenyl
Concen: 91.864 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.4
170	24.3	19.4	29.2

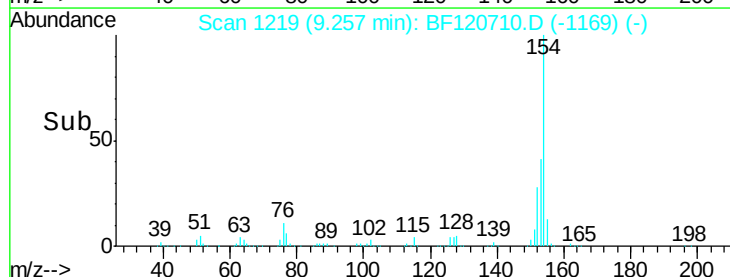
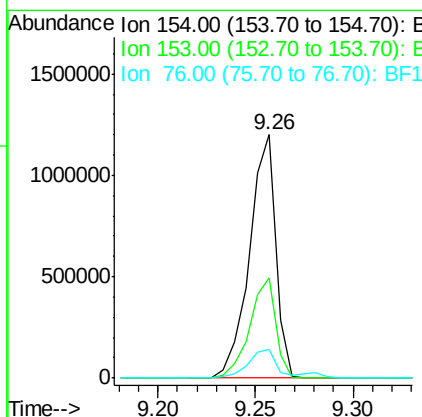
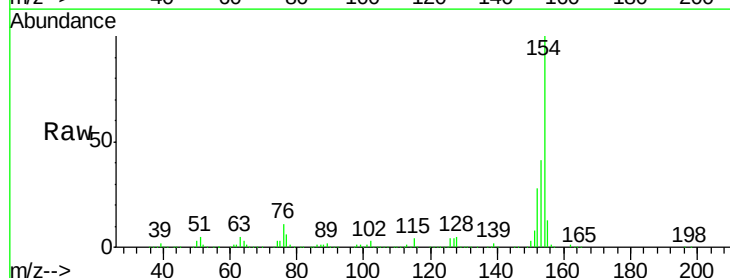
Manual Integrations
APPROVED

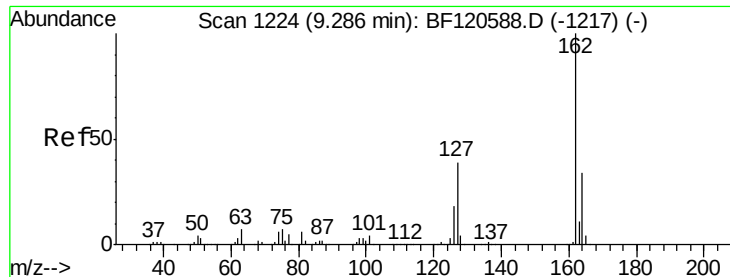
mohammad
6/29/2020 3:18:28 PM



#46
1,1'-Biphenyl
Concen: 51.453 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.4	61.4
76	11.5	0.0	31.6





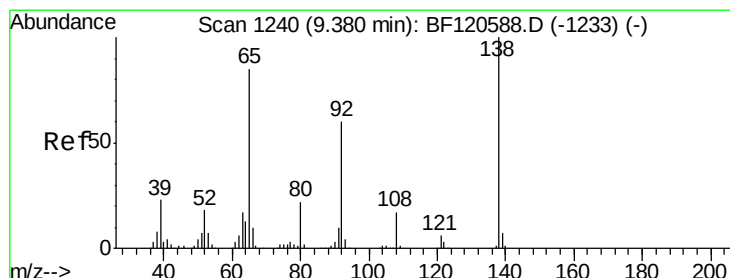
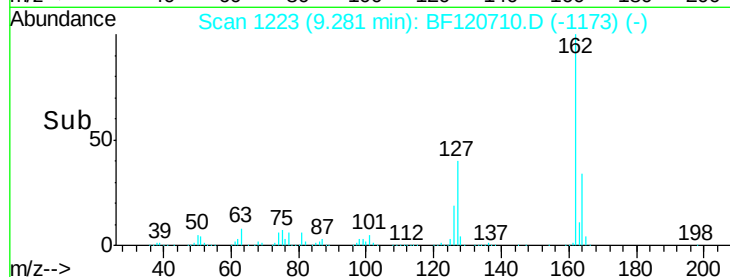
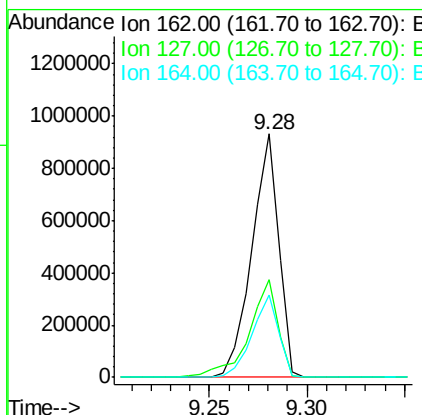
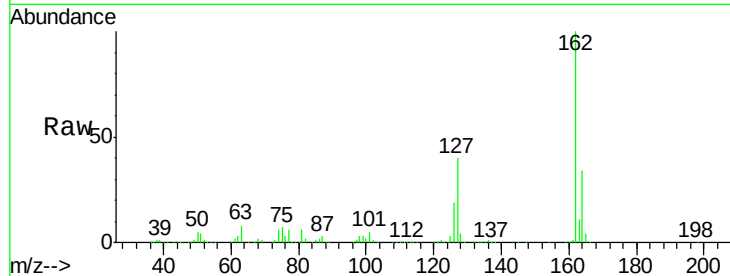
#47
 2-Chloronaphthalene
 Concen: 49.913 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		888877		
127	40.1	31.3	46.9		
164	33.8	26.9	40.3		

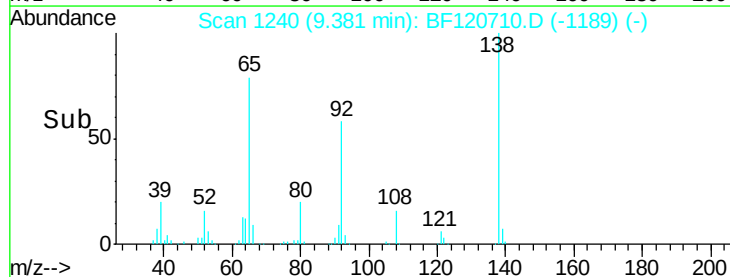
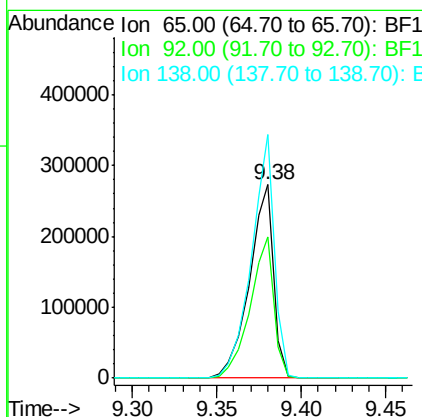
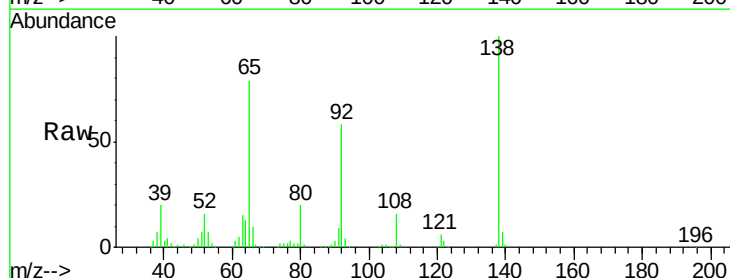
Manual Integrations
 APPROVED

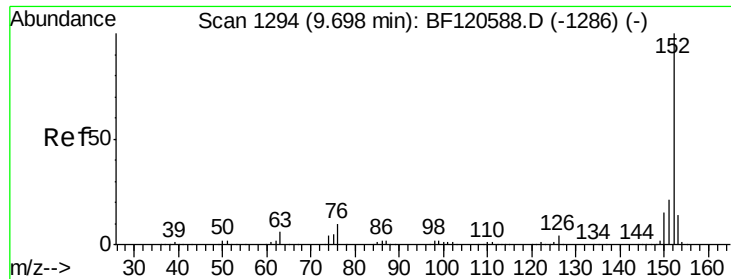
mohammad
 6/29/2020 3:18:28 PM



#48
 2-Nitroaniline
 Concen: 48.948 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		273772		
92	73.3	56.0	84.0		
138	126.1	94.0	141.0		





#49

Acenaphthylene

Concen: 49.935 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

Tot Ion:152 Resp: 1372429

Ion Ratio Lower Upper

152 100

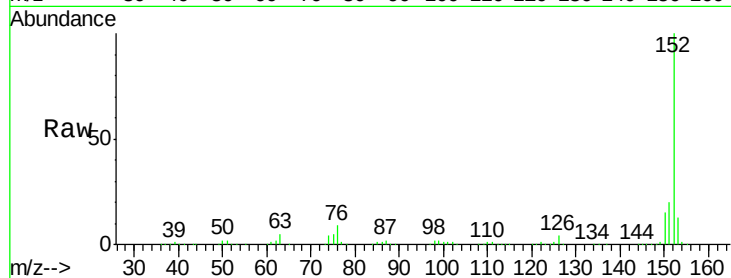
151 20.4 16.6 25.0

153 13.3 11.0 16.6

Manual Integrations
APPROVED

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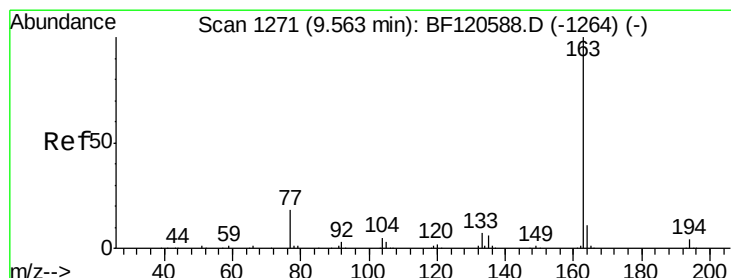
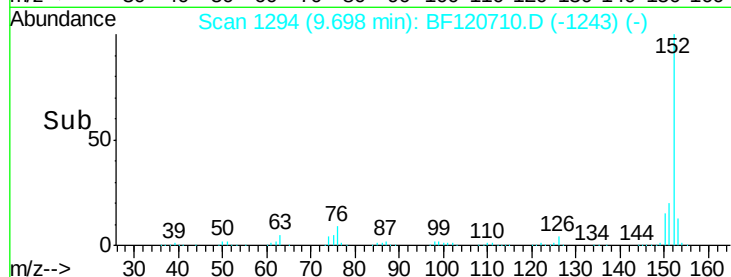
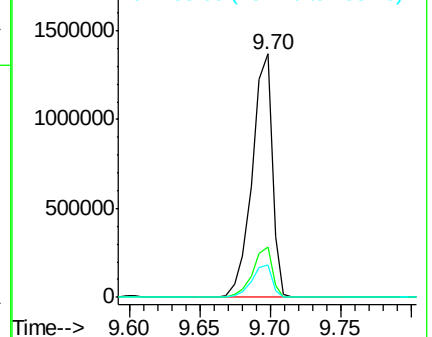
6/29/2020 3:18:28 PM



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: 50.761 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

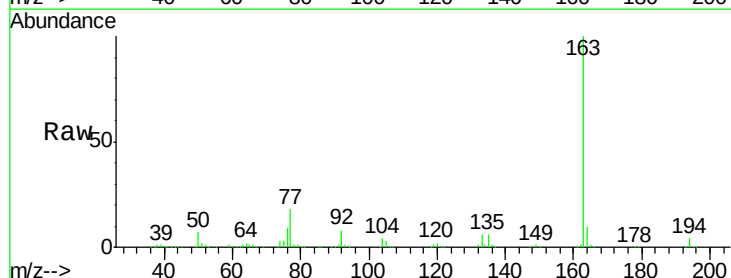
Tgt Ion:163 Resp: 1066240

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

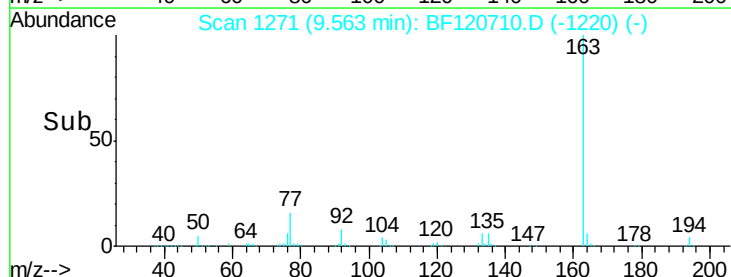
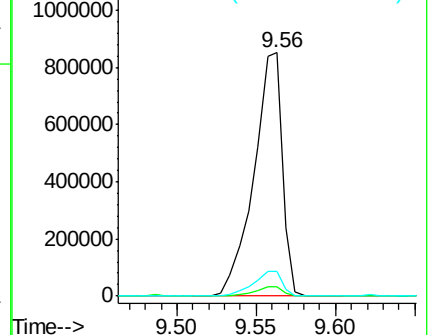
164 10.0 8.5 12.7

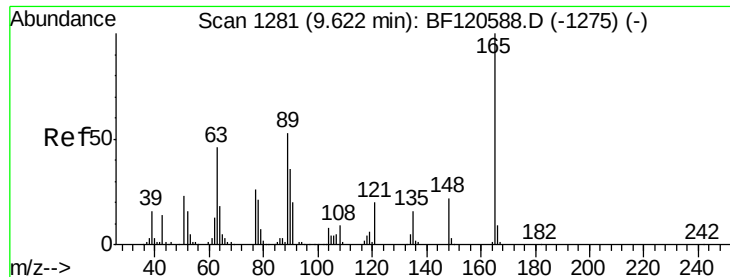


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 50.415 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

Instrument :

BNA_F

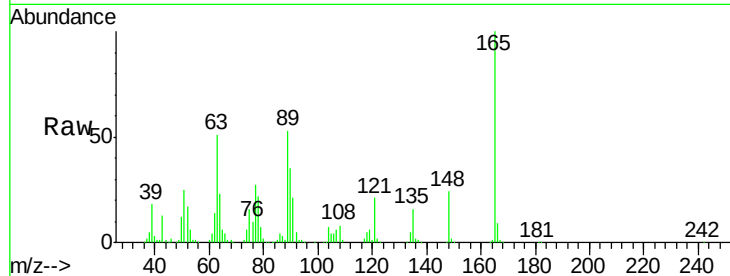
ClientSampleId :

NB-08-061620MS

Tot Ion:	165	Resp:	239992
Ion Ratio	Lower	Upper	
165	100		
63	51.2	41.7	62.5
89	52.6	42.6	64.0

Manual Integrations
APPROVED

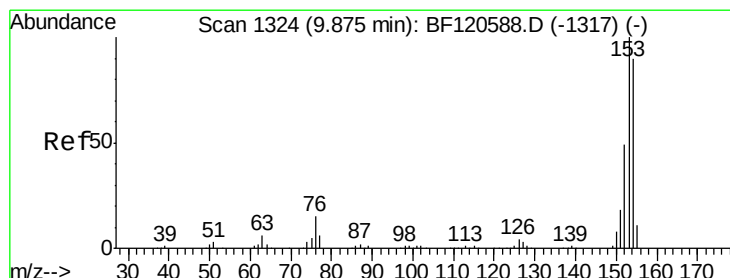
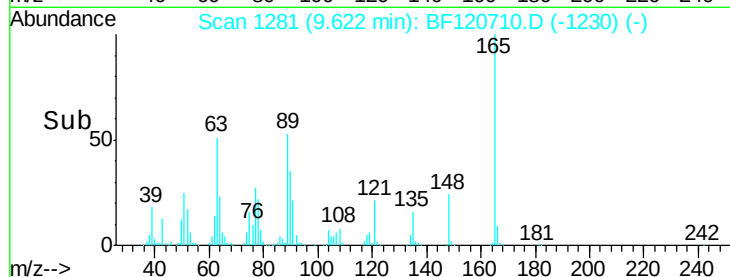
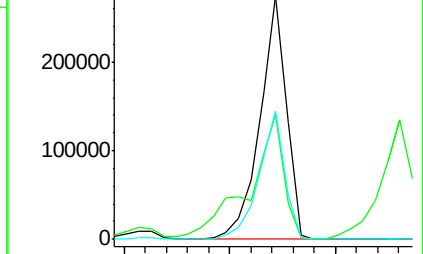
mohammad
6/29/2020 3:18:28 PM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 49.419 ng

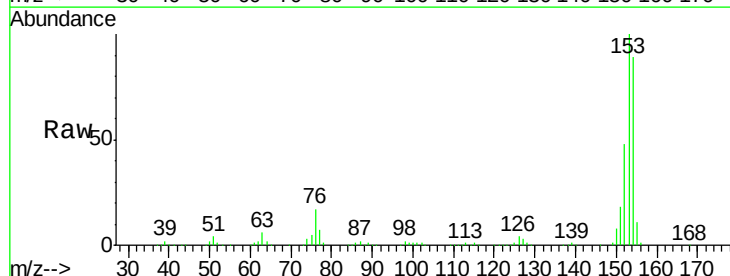
RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

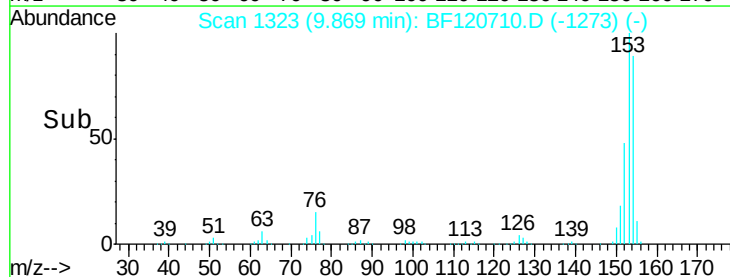
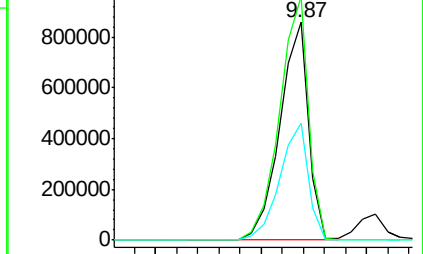
Tgt Ion:	154	Resp:	810063
Ion Ratio	Lower	Upper	
154	100		
153	111.9	89.1	133.7
152	53.8	43.7	65.5

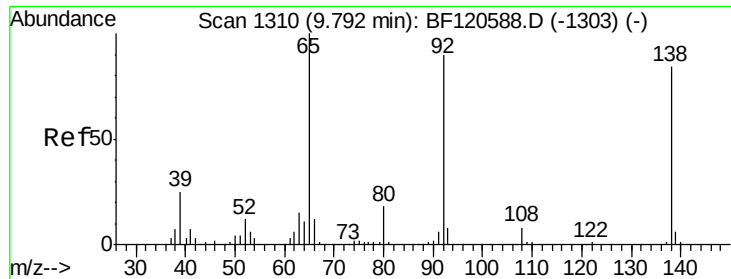


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





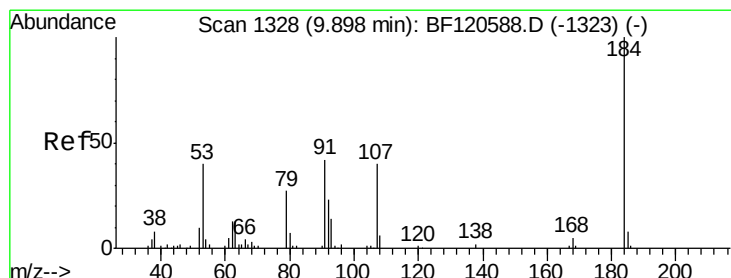
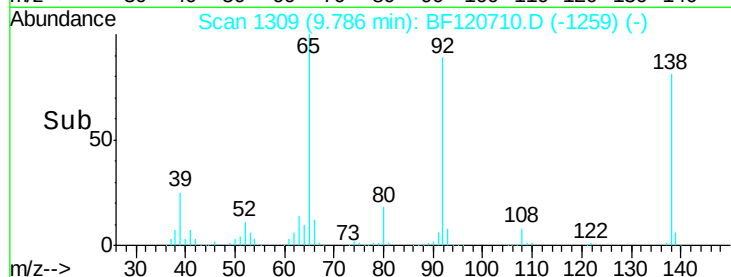
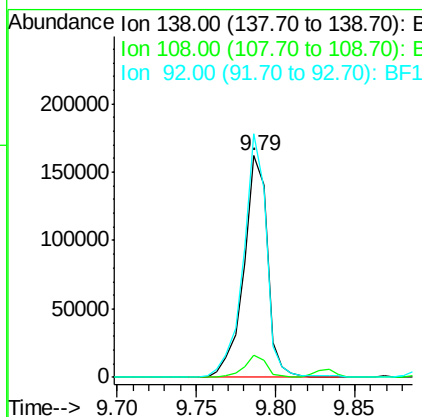
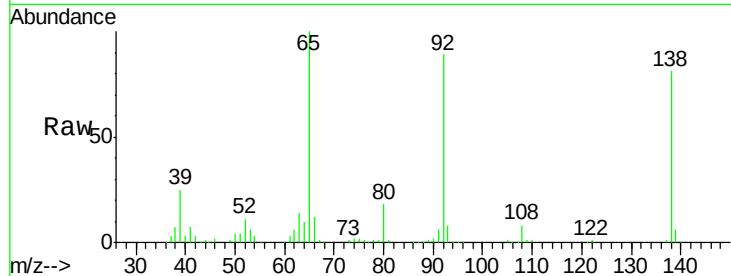
#53
3-Nitroaniline
Concen: 29.305 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.0	12.0
92	109.9	86.0	129.0

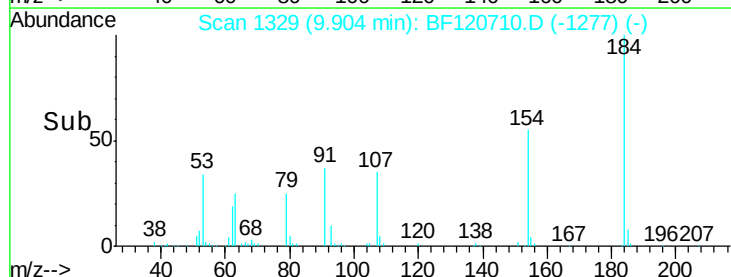
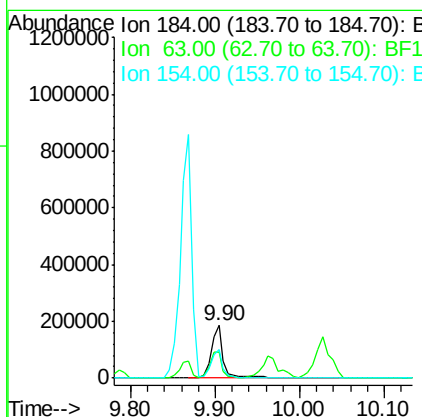
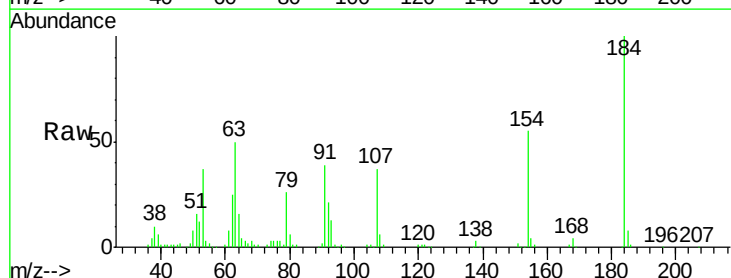
Manual Integrations
APPROVED

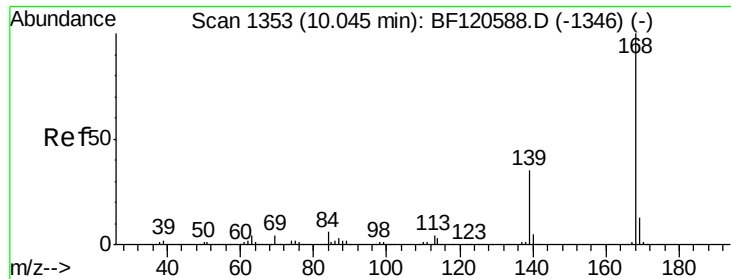
mohammad
6/29/2020 3:18:28 PM



#54
2,4-Dinitrophenol
Concen: 66.852 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.3	44.2	66.2
154	55.4	45.9	68.9





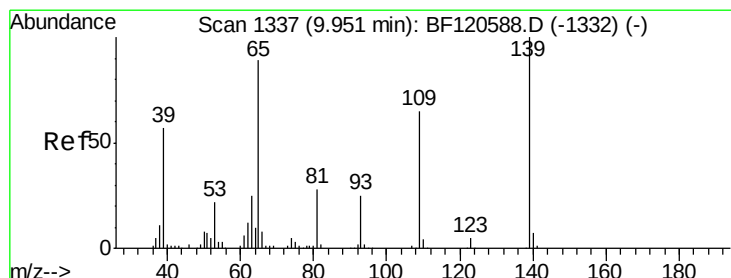
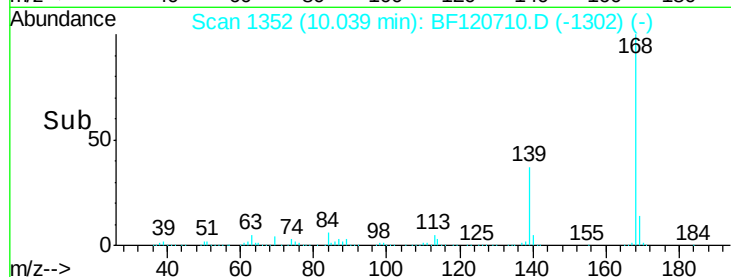
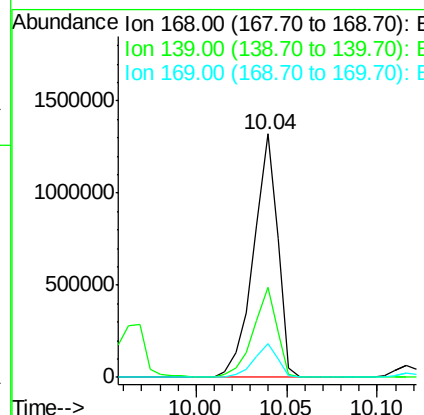
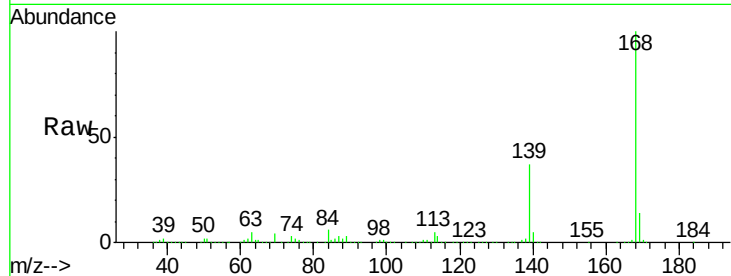
#55
Dibenzenofuran
Concen: 48.636 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.2	28.1	42.1
169	14.0	10.6	16.0

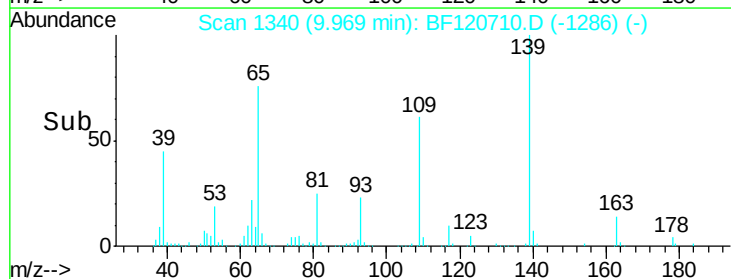
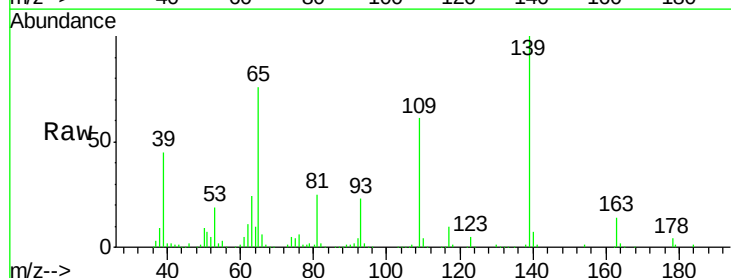
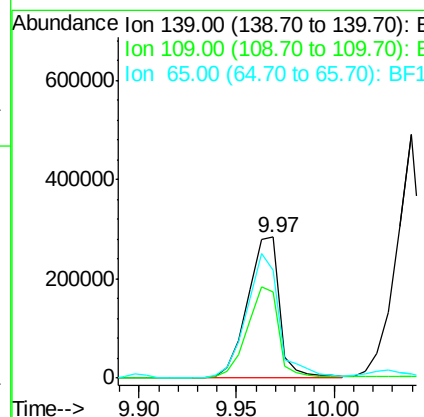
Manual Integrations
APPROVED

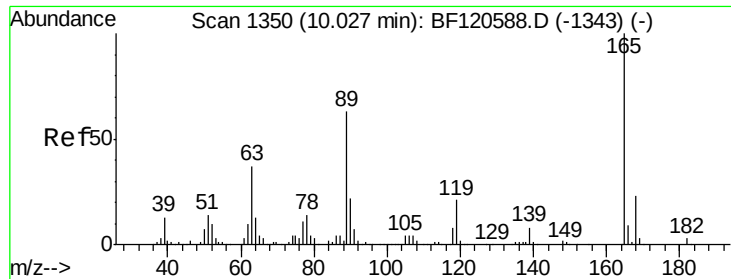
mohammad
6/29/2020 3:18:28 PM



#56
4-Nitrophenol
Concen: 75.944 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.02 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.3	44.6	84.6
65	76.1	69.2	109.2





#57

2,4-Dinitrotoluene

Concen: 49.018 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

Instrument :

BNA_F

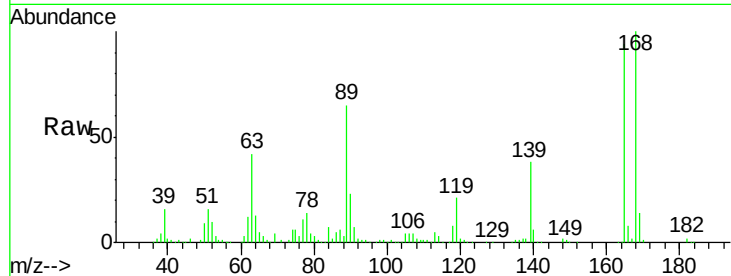
ClientSampleId :

NB-08-061620MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.6	29.8	44.8	
89	69.2	50.4	75.6	
182	2.6	2.1	3.1	

Manual Integrations
APPROVED

mohammad
6/29/2020 3:18:28 PM

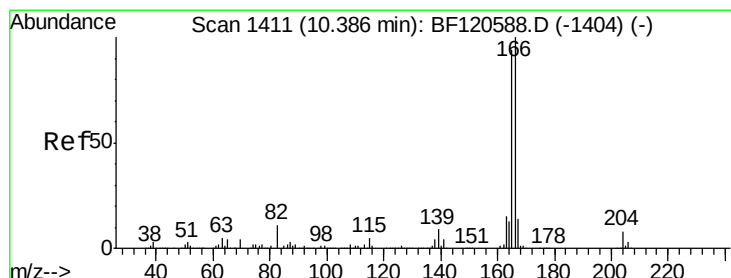
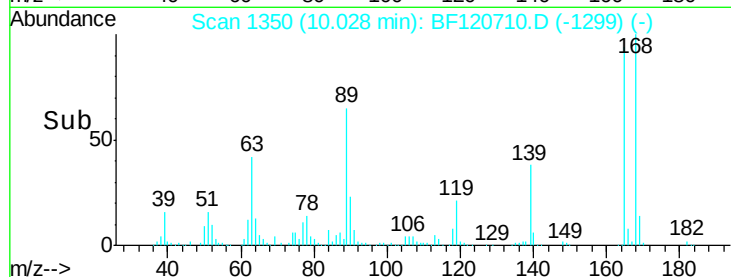
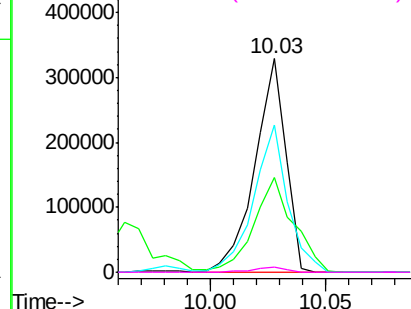


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 48.281 ng

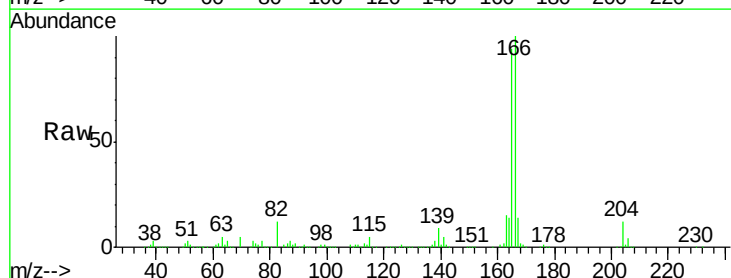
RT: 10.38 min Scan# 1410

Delta R.T. -0.01 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

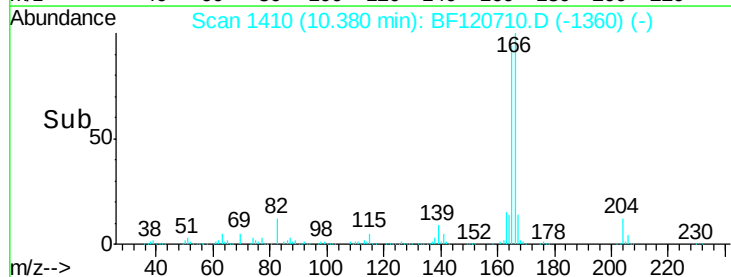
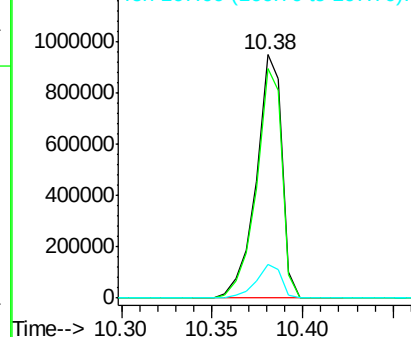
Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	94.4	75.0	112.6	
167	14.0	11.0	16.4	

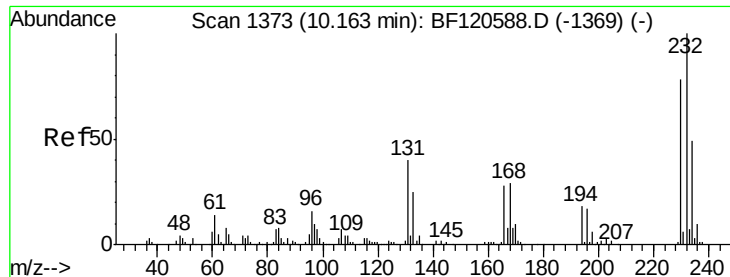


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





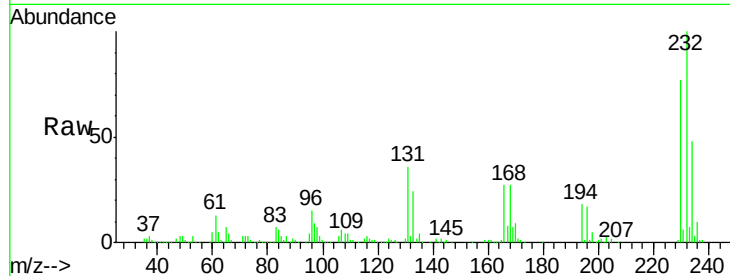
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.237 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

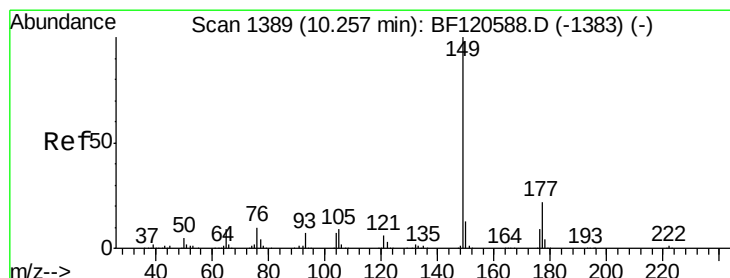
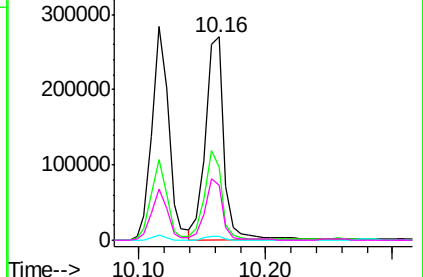
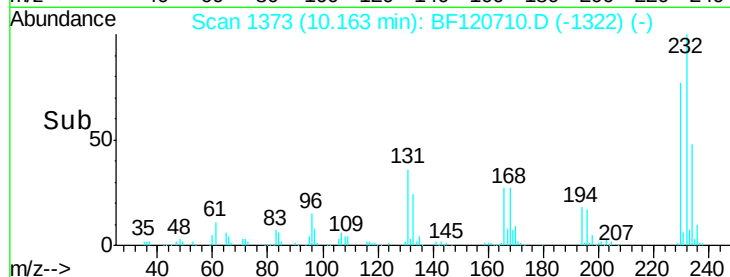
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		276999		
131	41.4	33.5	50.3		
130	2.0	1.5	2.3		
166	28.9	23.4	35.0		

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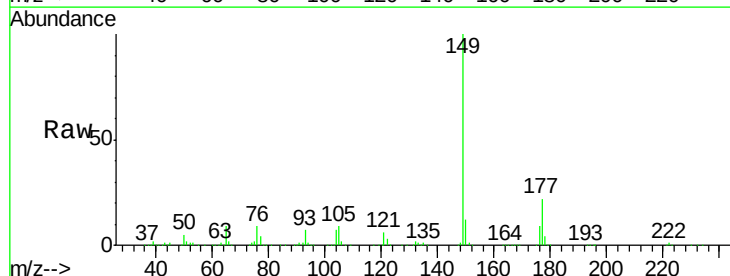


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

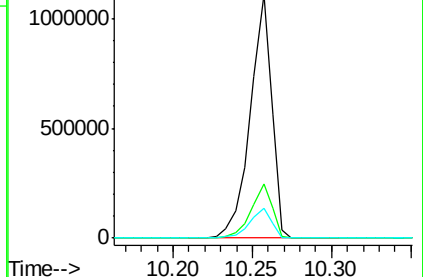
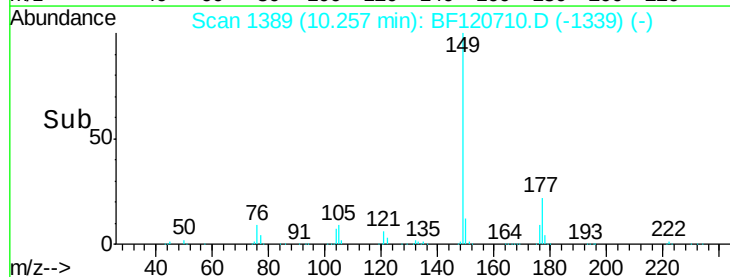


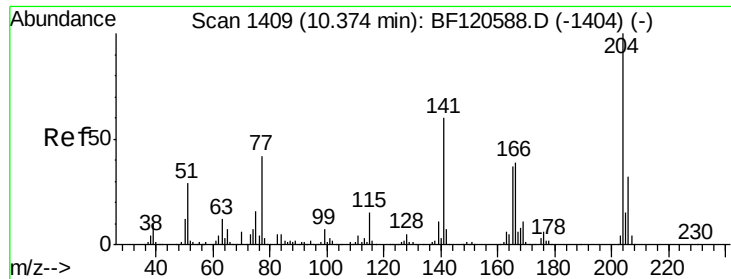
#60
 Diethylphthalate
 Concen: 50.256 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1039673		
177	22.1	17.3	25.9		
150	12.5	10.3	15.5		



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





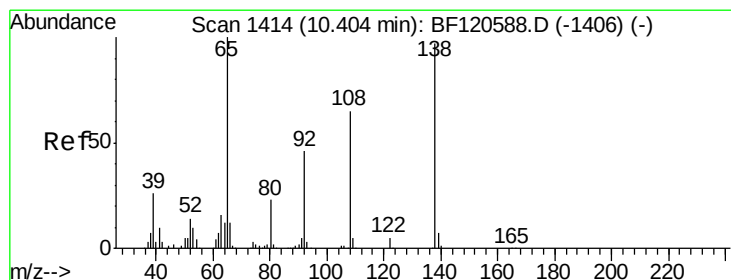
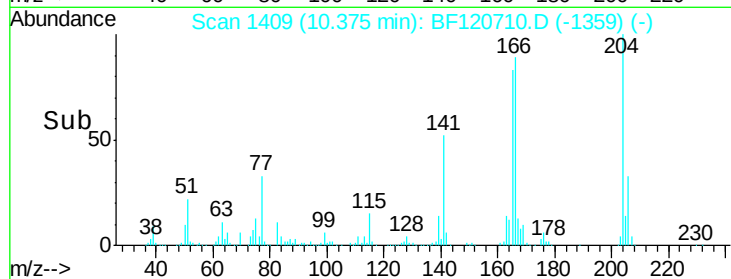
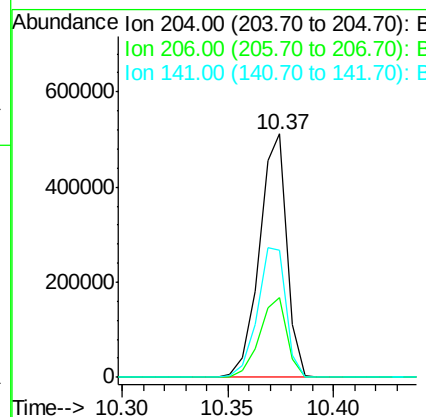
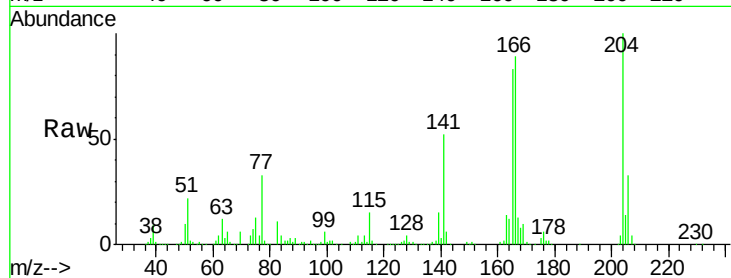
#61
 4-Chlorophenyl-phenylether
 Concen: 46.243 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.9	38.9
141	52.4	47.6	71.4

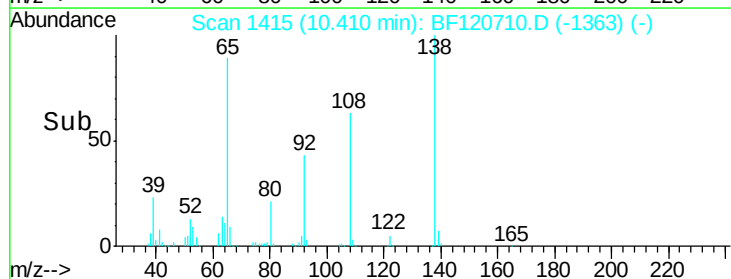
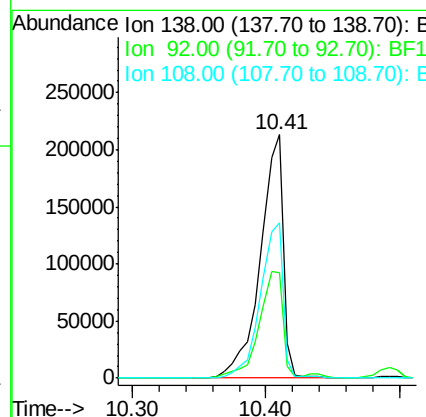
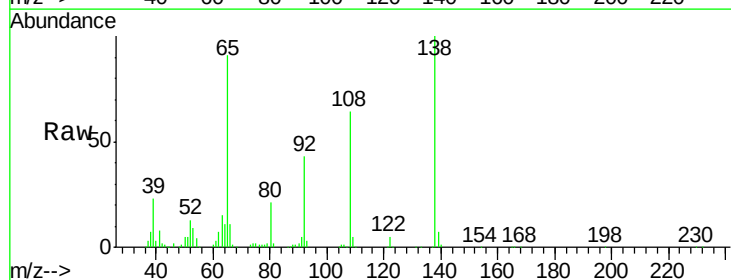
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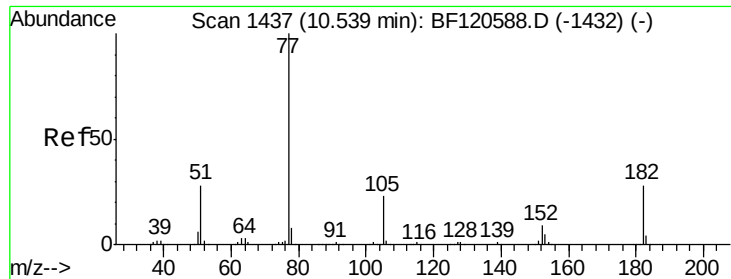
mohammad
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#62
 4-Nitroaniline
 Concen: 44.348 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. 0.01 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.3	27.3	67.3
108	63.9	47.4	87.4





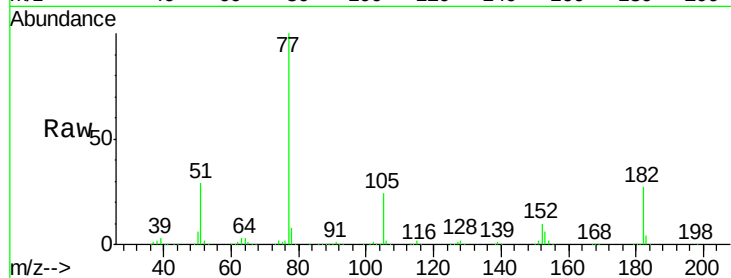
#63
Azobenzene
Concen: 50.352 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

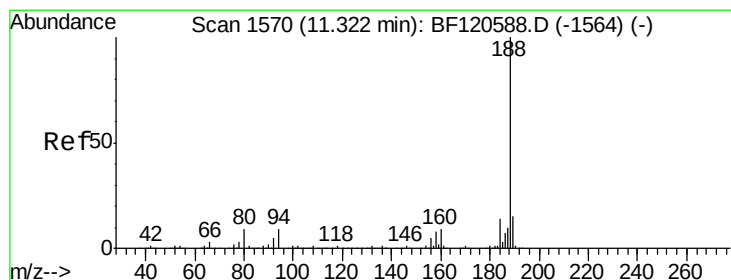
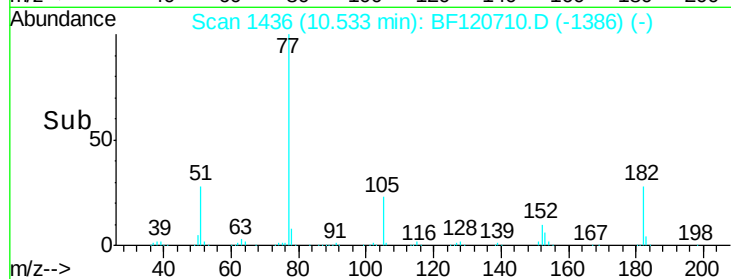
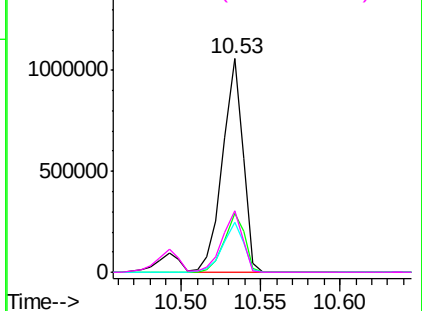
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.5	7.7	47.7	
105	23.6	3.2	43.2	
51	28.6	8.5	48.5	

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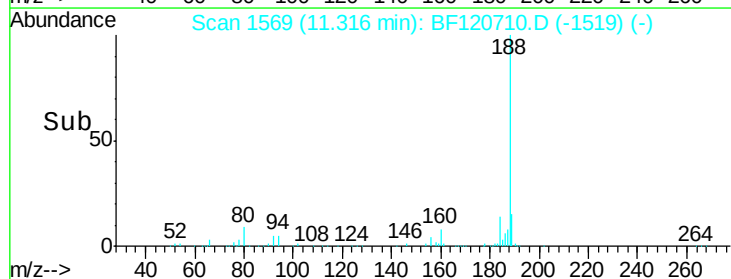
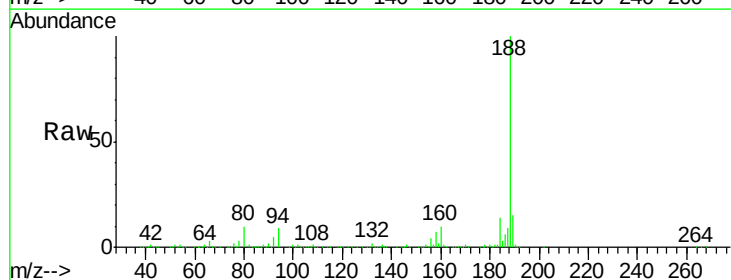
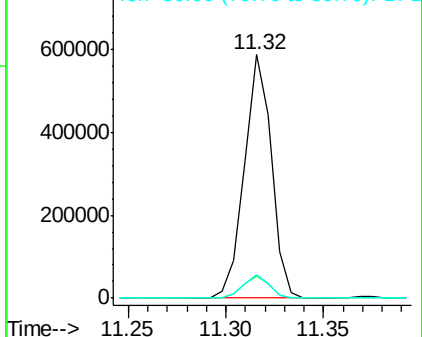
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

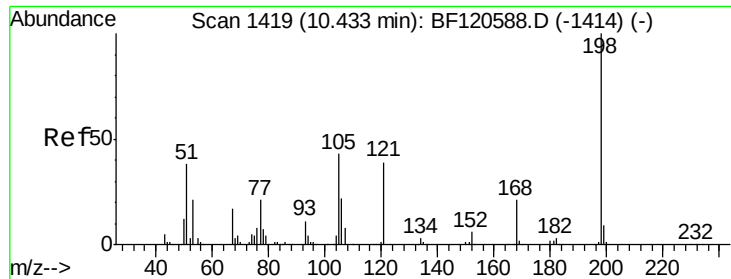


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.1	7.2	10.8	
80	9.8	7.4	11.2	

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





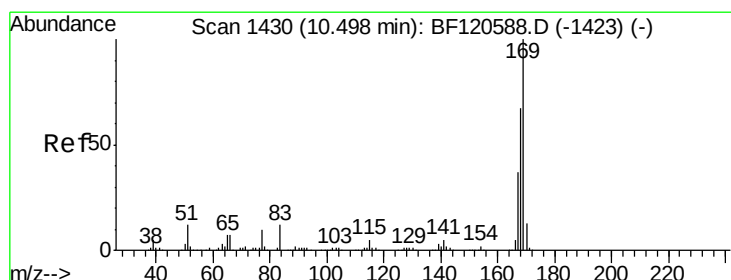
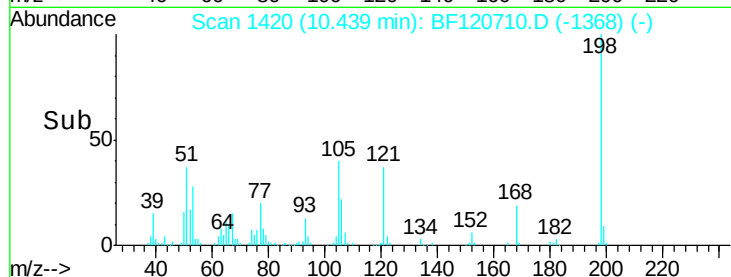
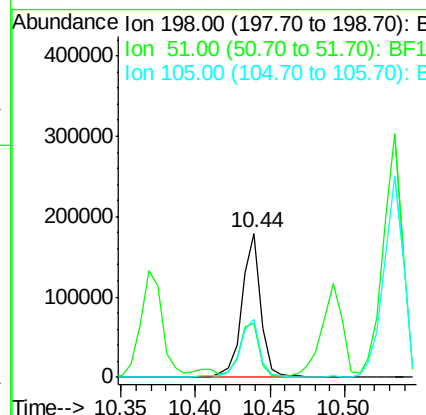
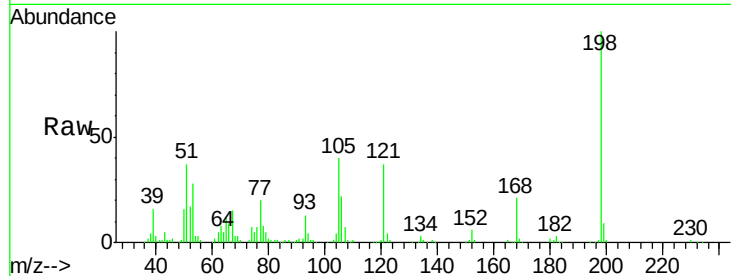
#65
4,6-Dinitro-2-methylphenol
Concen: 46.758 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	158323		
51	37.2	24.8	64.8	
105	40.2	23.9	63.9	

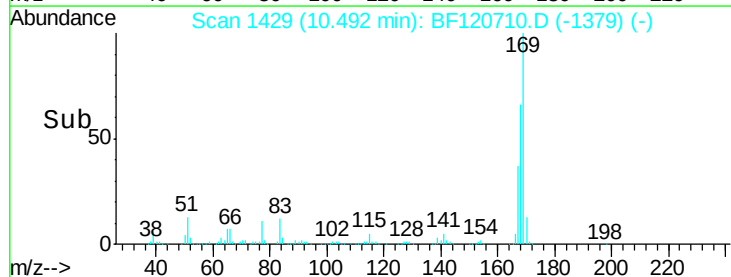
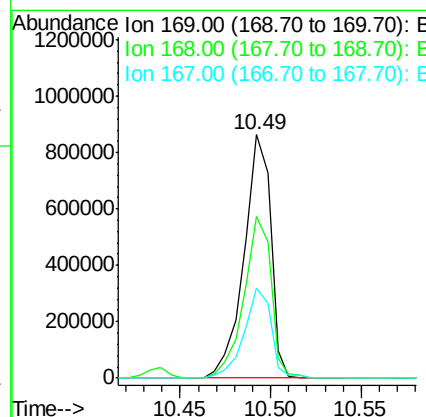
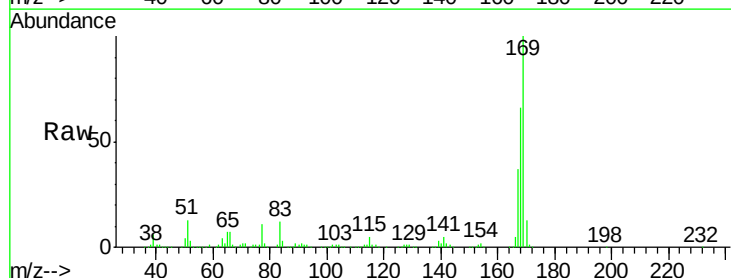
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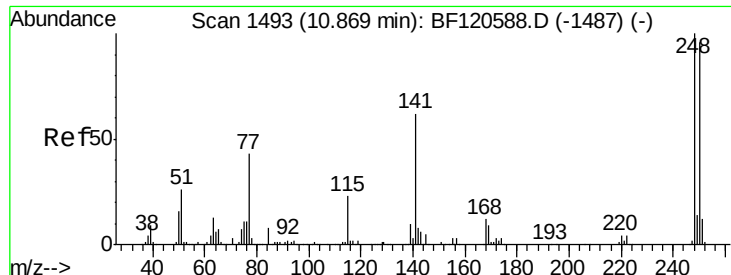
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#66
n-Nitrosodiphenylamine
Concen: 51.217 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	887544		
168	66.4	53.7	80.5	
167	36.8	29.9	44.9	





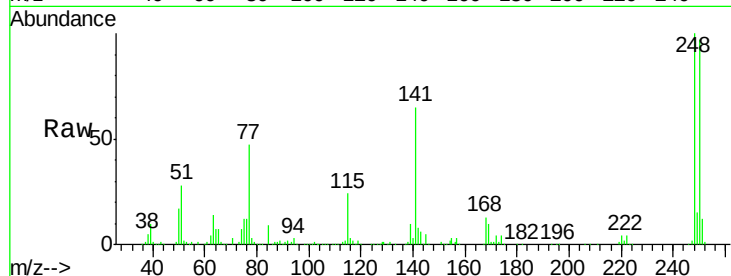
#67
 4-Bromophenyl-phenylether
 Concen: 48.178 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	76.7	115.1
141	65.3	49.4	74.0

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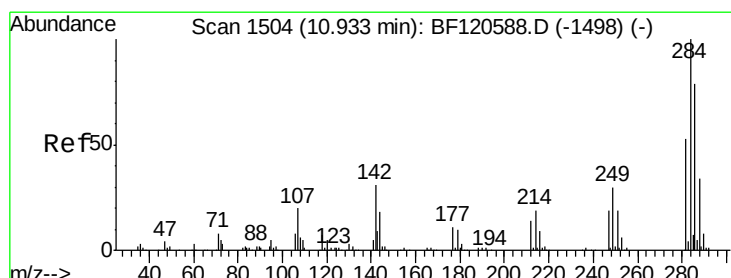
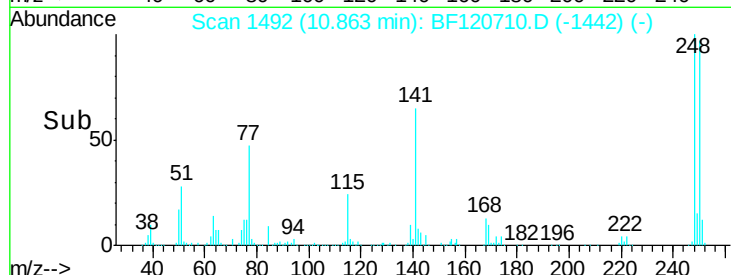
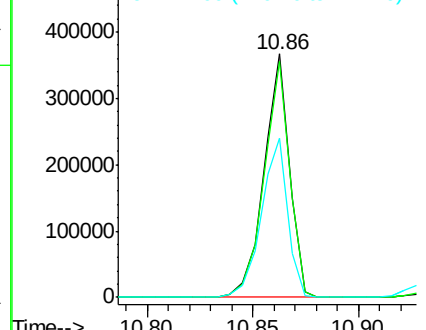


Abundance

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: 50.452 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

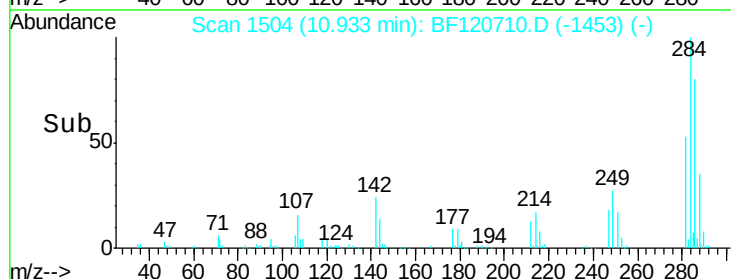
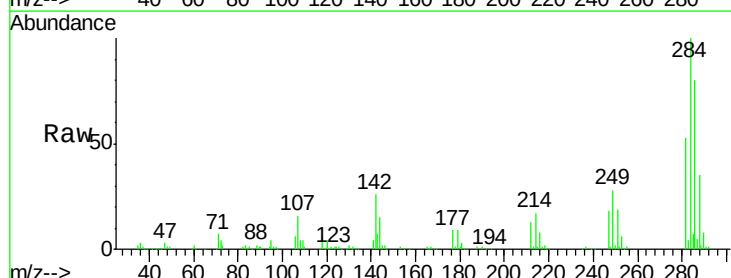
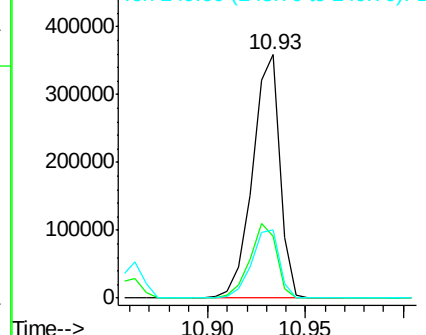
Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.6	25.1	37.7
249	28.2	24.0	36.0

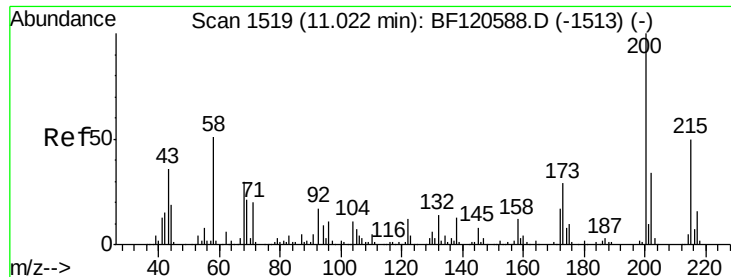
Abundance

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





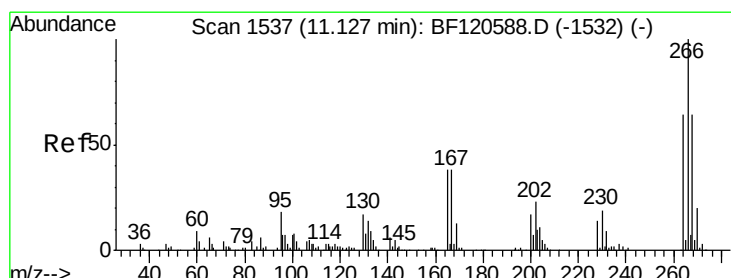
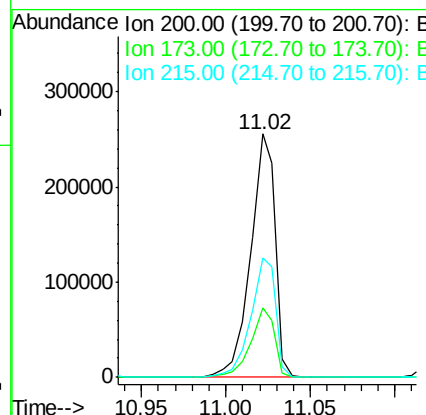
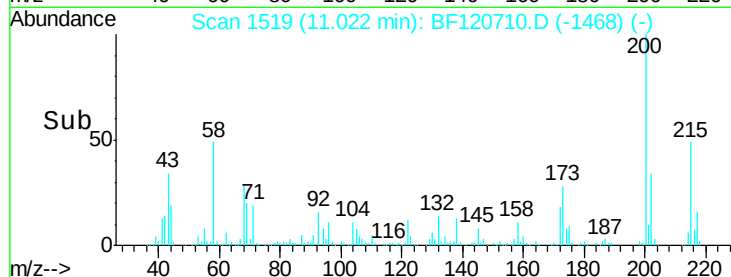
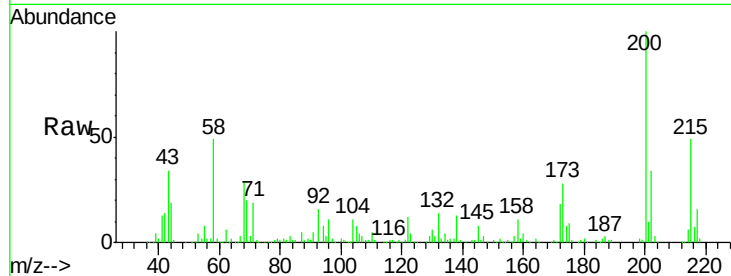
#69
 Atrazine
 Concen: 48.521 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	9.1	49.1
215	49.0	29.8	69.8

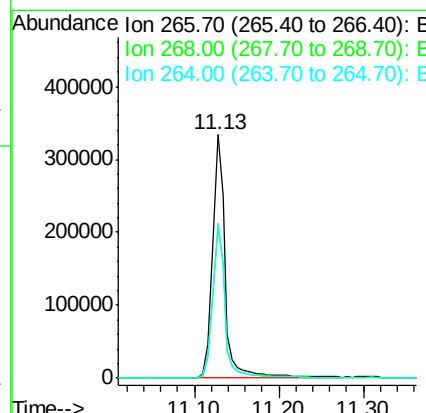
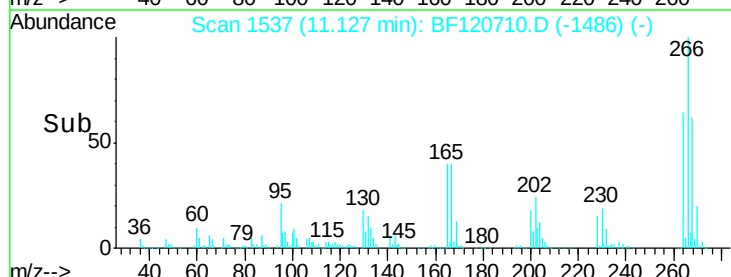
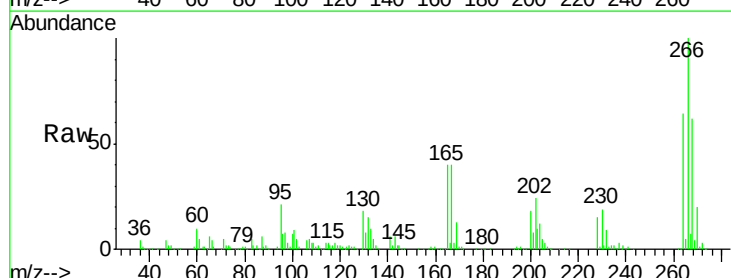
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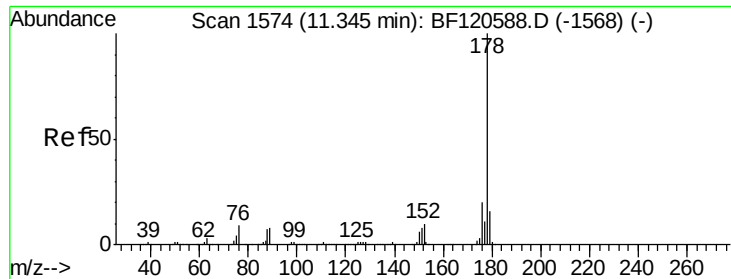
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#70
 Pentachlorophenol
 Concen: 92.347 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.1	51.4	77.0
264	63.8	50.8	76.2





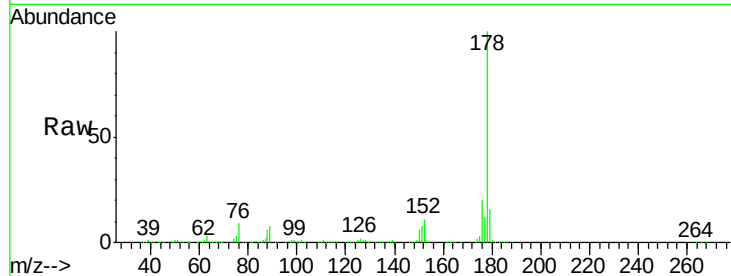
#71
Phenanthrene
Concen: 49.531 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

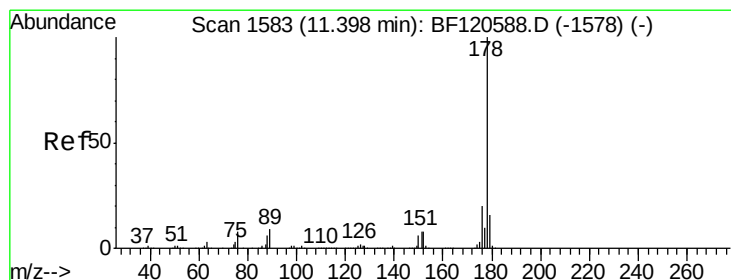
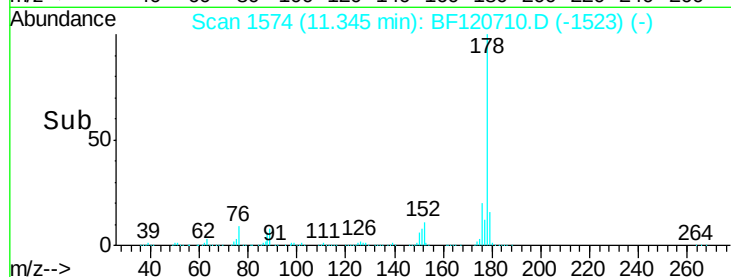
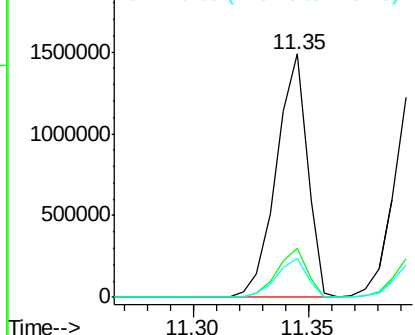
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	16.0	12.8	19.2

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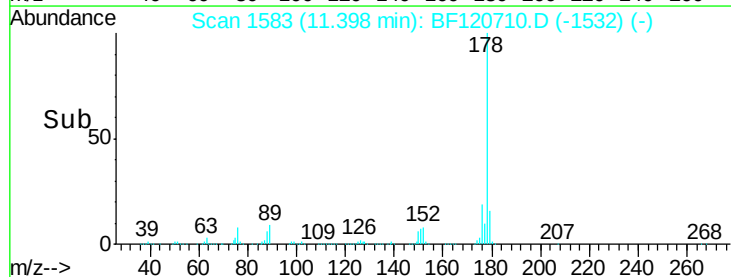
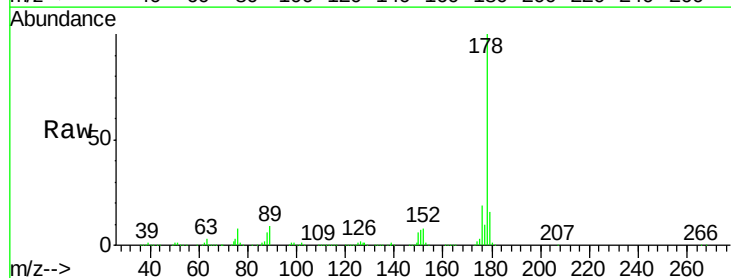
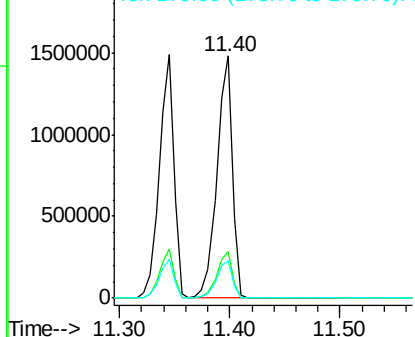
Abundance Ion 178.00 (177.70 to 178.70): E
2000000
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

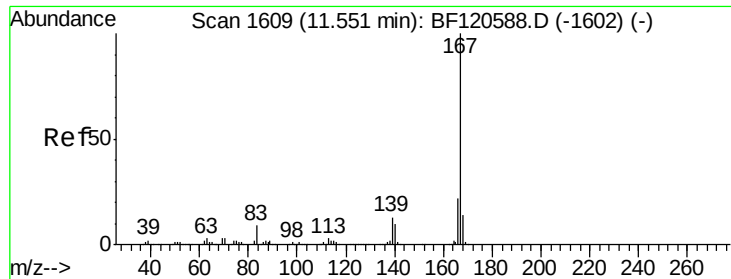


#72
Anthracene
Concen: 50.677 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.8	12.9	19.3

Abundance Ion 178.00 (177.70 to 178.70): E
2000000
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





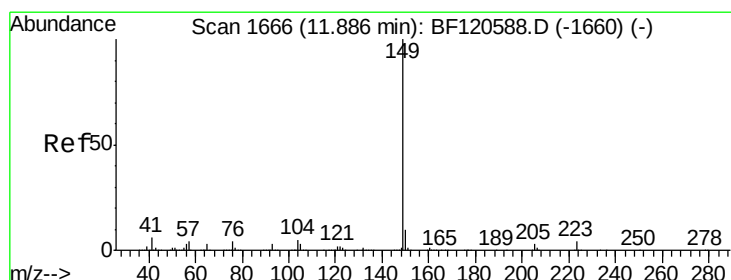
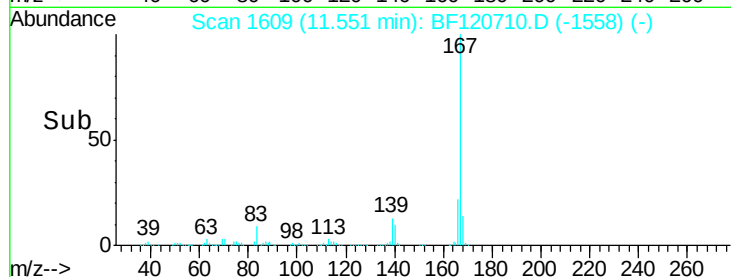
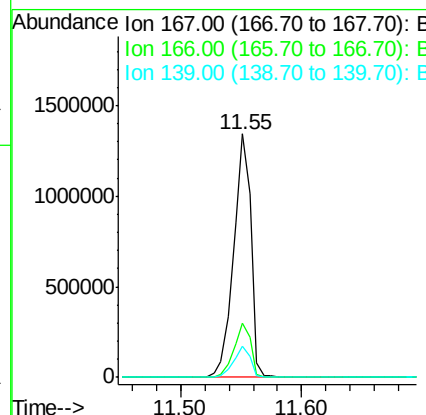
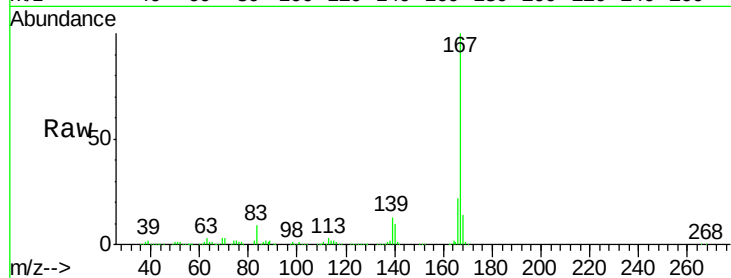
#73
 Carbazole
 Concen: 47.645 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.2	25.8
139	12.8	10.1	15.1

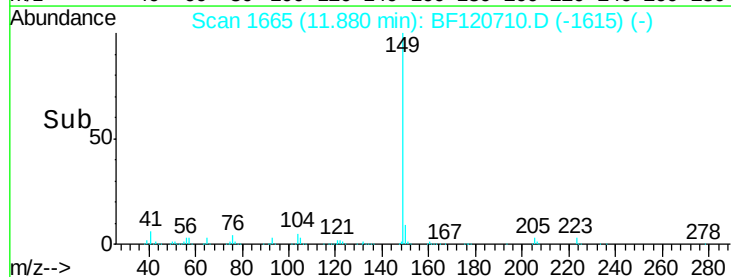
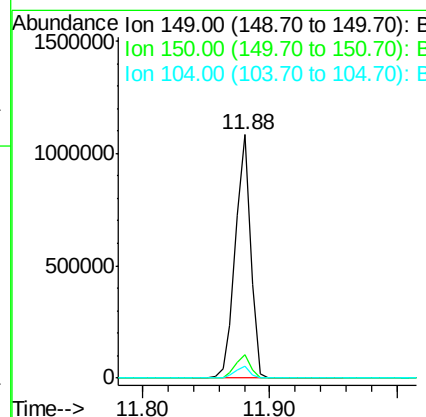
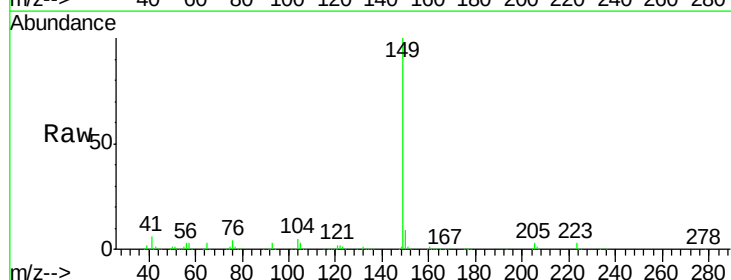
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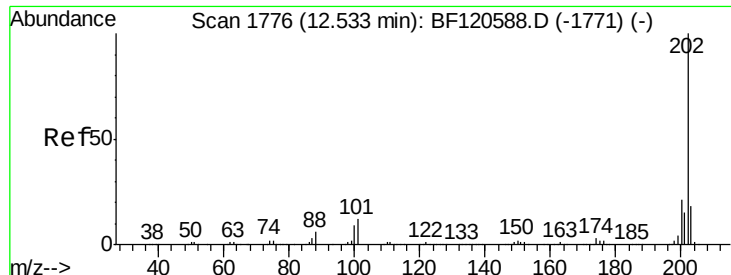
mohammad
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#74
 Di-n-butylphthalate
 Concen: 28.510 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	4.7	3.7	5.5





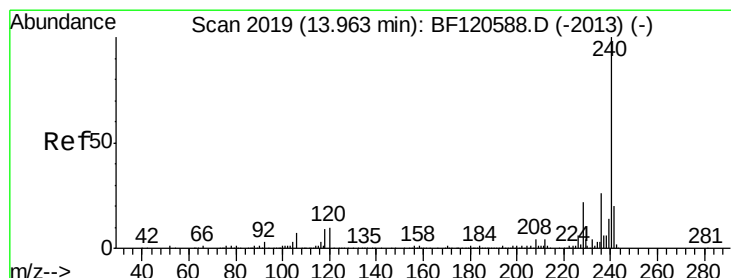
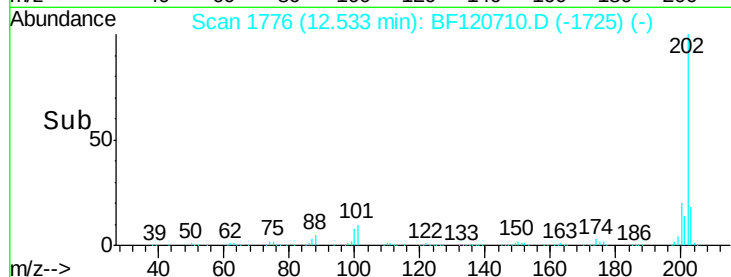
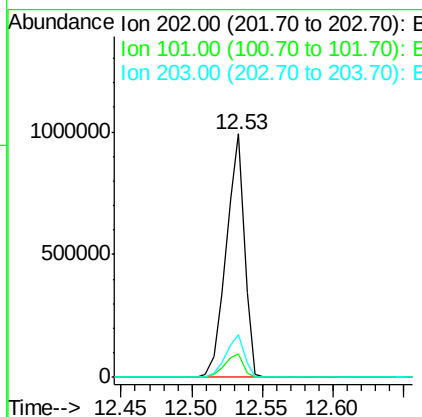
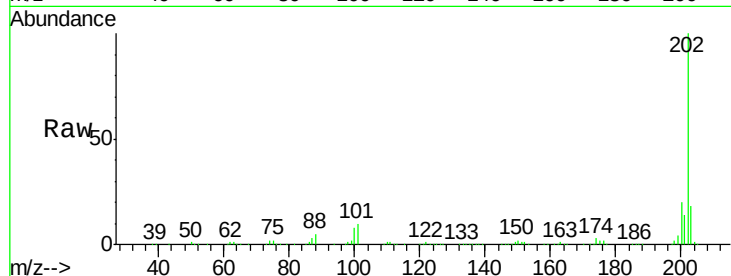
#75
Fluoranthene
Concen: 27.643 ng
RT: 12.53 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	0.0	32.0
203	17.6	0.0	38.3

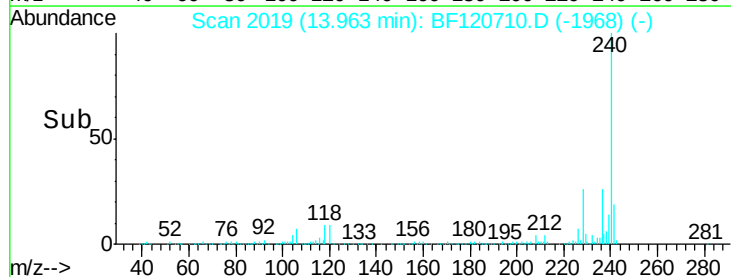
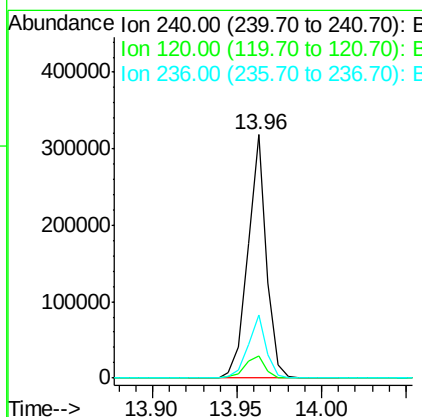
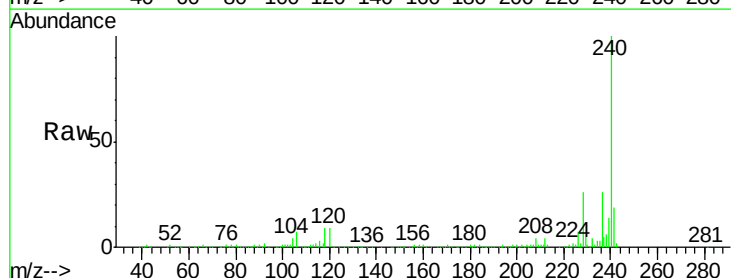
Manual Integrations
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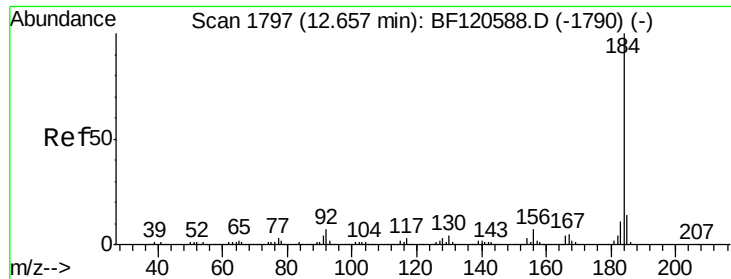
mohammad
6/29/2020 3:18:28 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.3	8.3	12.5
236	25.7	21.0	31.4





#77

Benzidine

Concen: 27.683 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

Instrument :

BNA_F

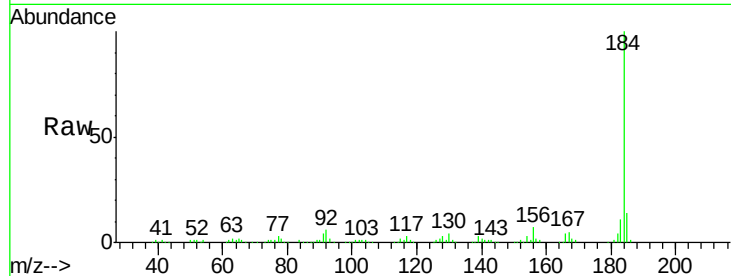
ClientSampleId :

NB-08-061620MS

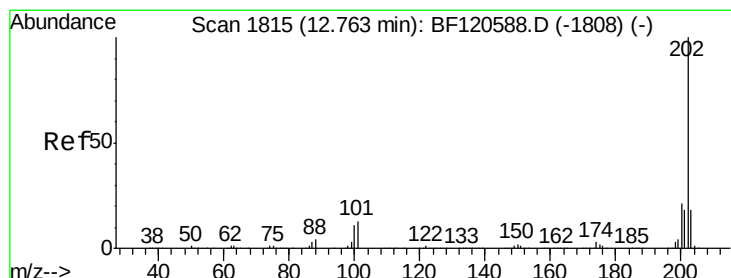
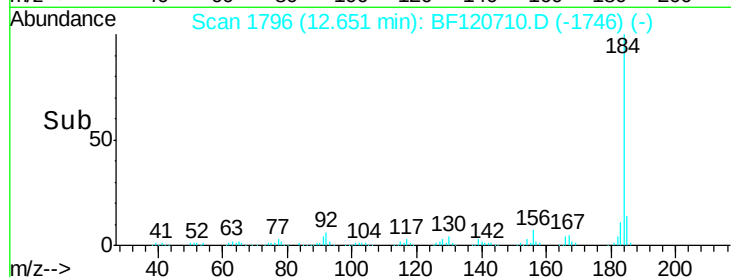
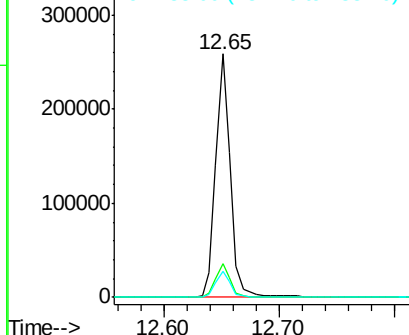
Tot Ion:	184	Resp:	228394
Ion Ratio		Lower	Upper
184	100		
185	14.1	11.4	17.0
183	10.9	9.0	13.6

Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 52.463 ng

RT: 12.76 min Scan# 1815

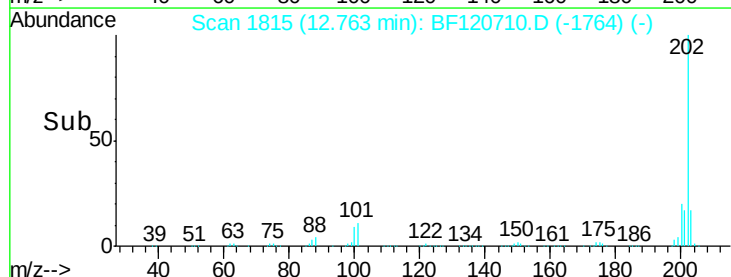
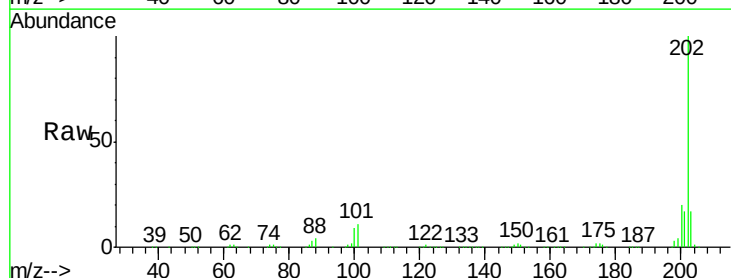
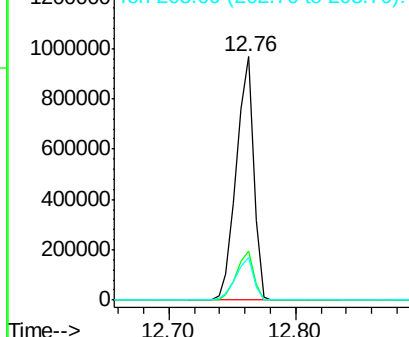
Delta R.T. 0.00 min

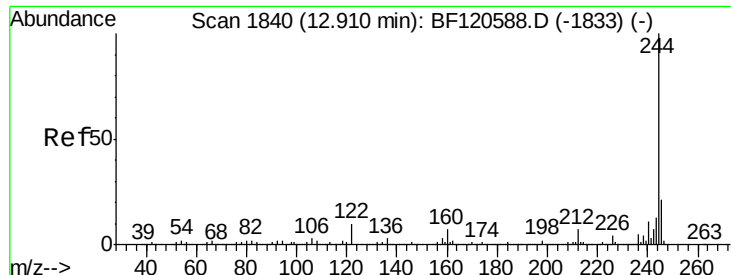
Lab File: BF120710.D

Acq: 26 Jun 2020 15:50

Tgt Ion:	202	Resp:	906670
Ion Ratio		Lower	Upper
202	100		
200	20.4	16.8	25.2
203	17.5	14.3	21.5

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





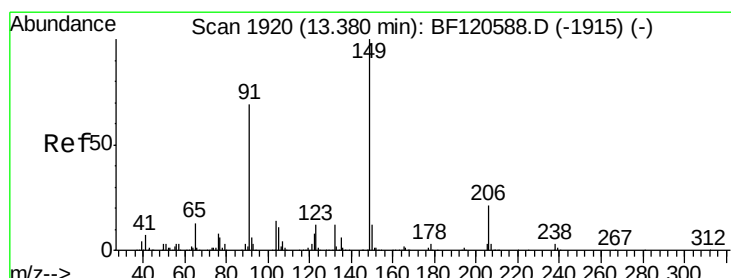
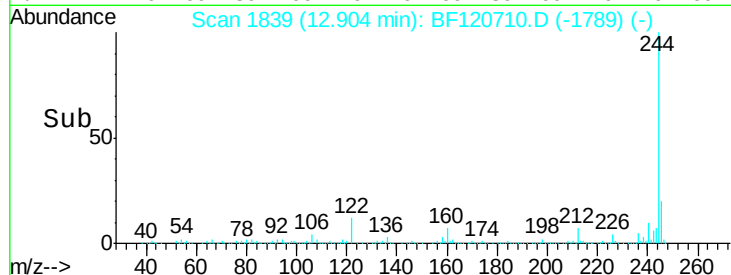
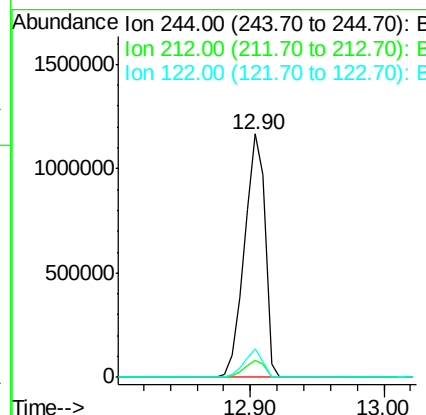
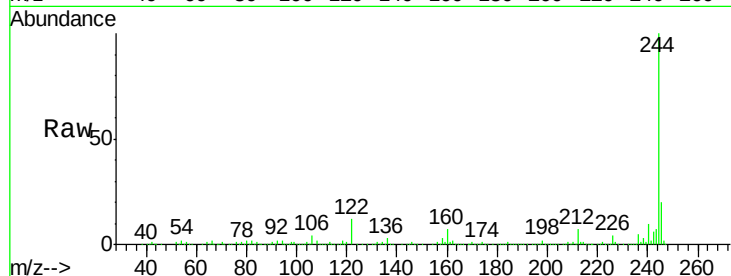
#79
 Terphenyl-d14
 Concen: 112.548 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	11.6	8.3	12.5

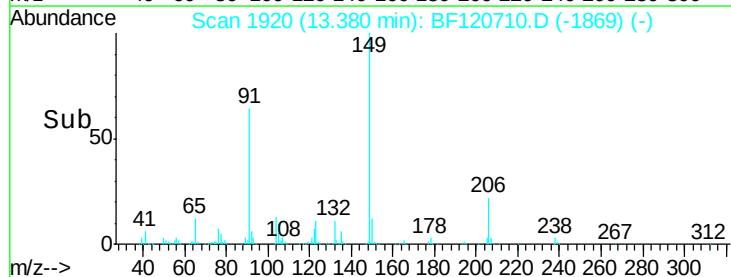
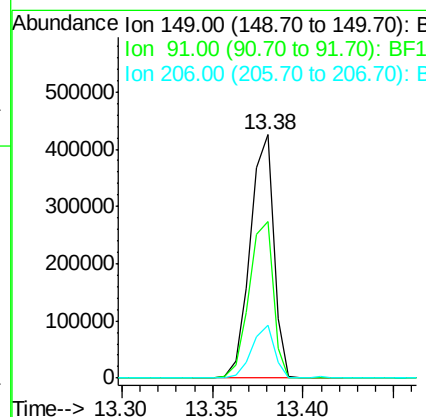
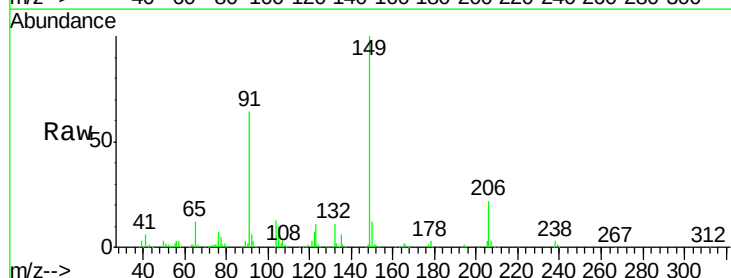
Manual Integrations
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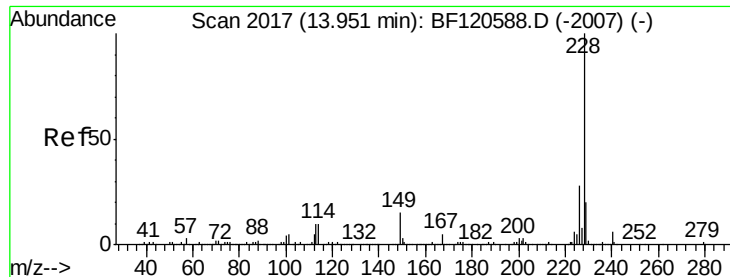
mohammad
 6/29/2020 3:18:28 PM



#80
 Butylbenzylphthalate
 Concen: 50.221 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.2	55.4	83.0
206	21.9	17.0	25.4





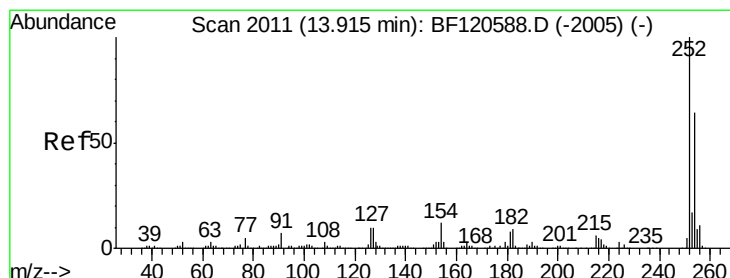
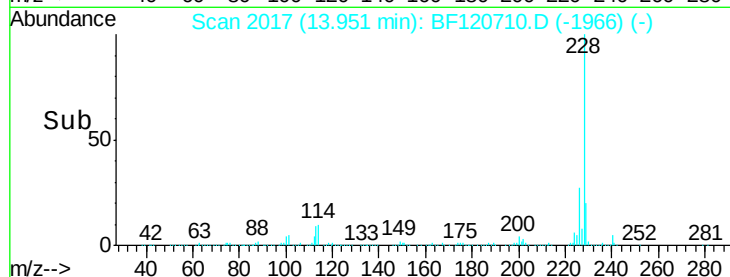
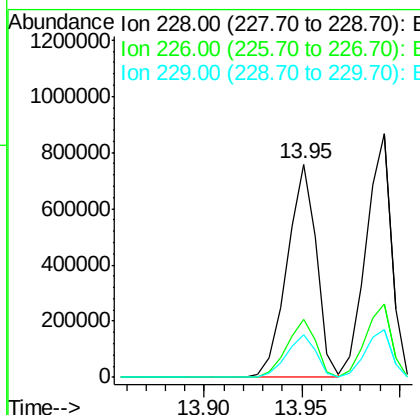
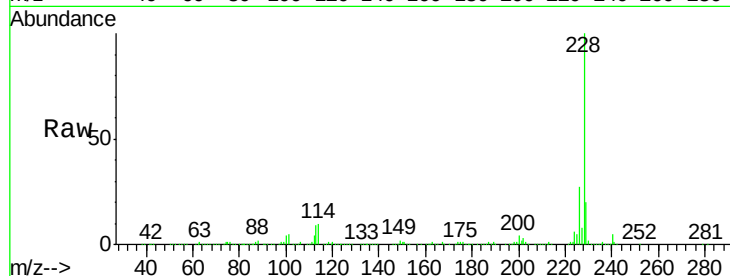
#81
Benzo(a)anthracene
Concen: 53.565 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.5	33.7
229	20.0	16.1	24.1

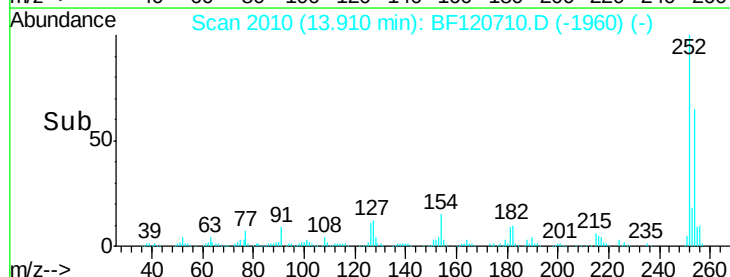
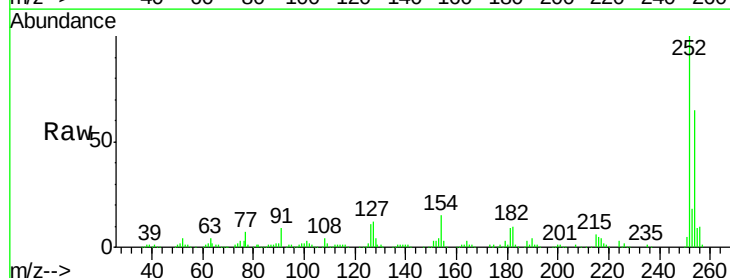
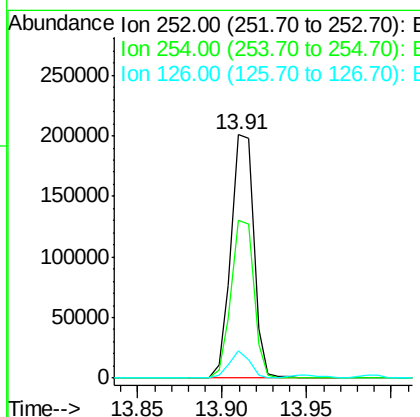
Manual Integrations
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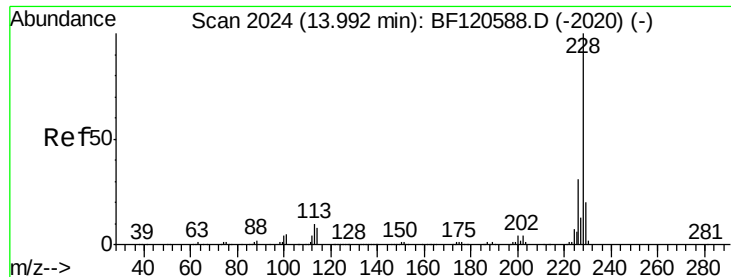
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 33.734 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.4	77.2
126	11.4	7.9	11.9





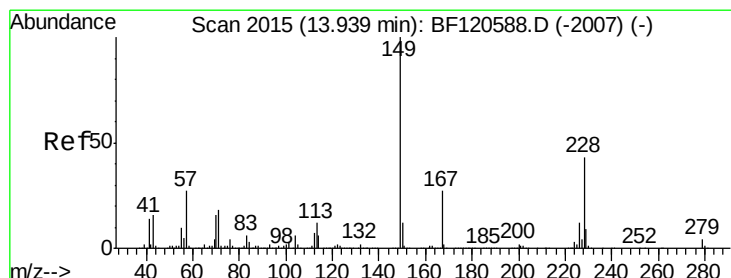
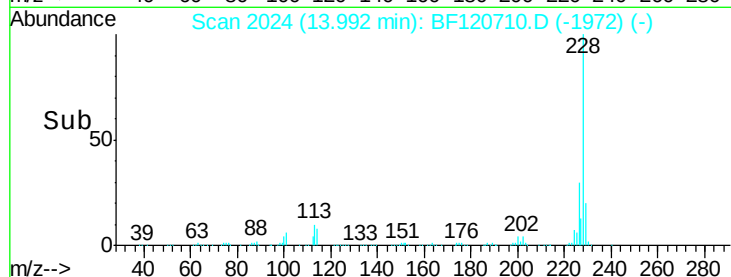
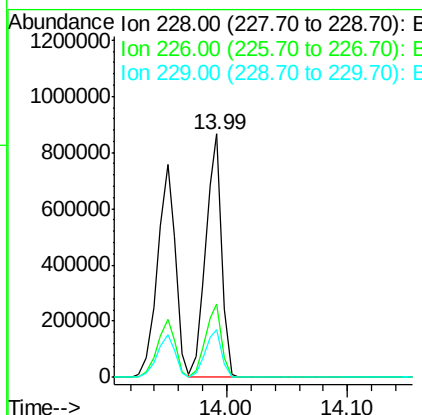
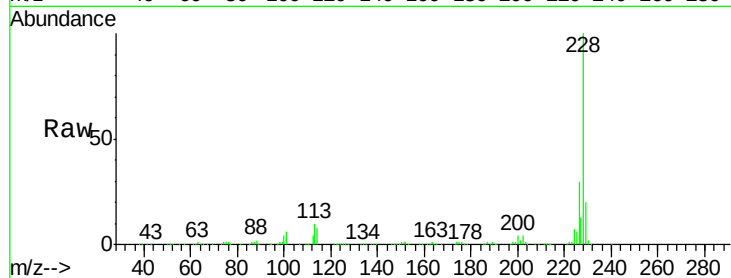
#83
 Chrysene
 Concen: 52.132 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.01 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

Tot Ion:	228	Resp:	783753
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.9	37.3
229	19.6	16.1	24.1

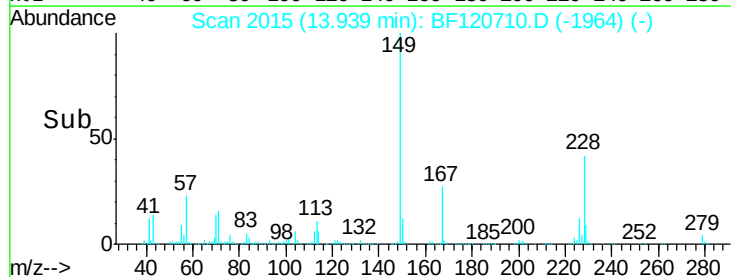
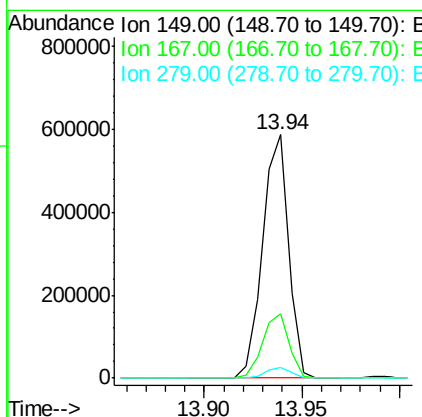
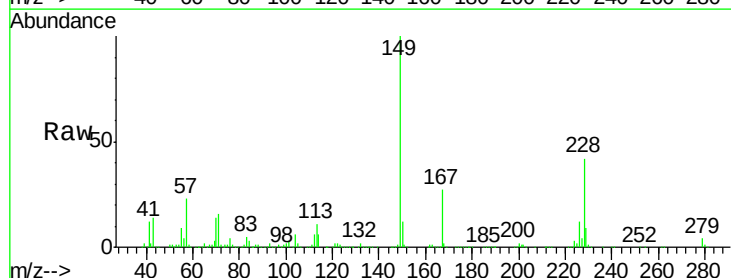
Manual Integrations
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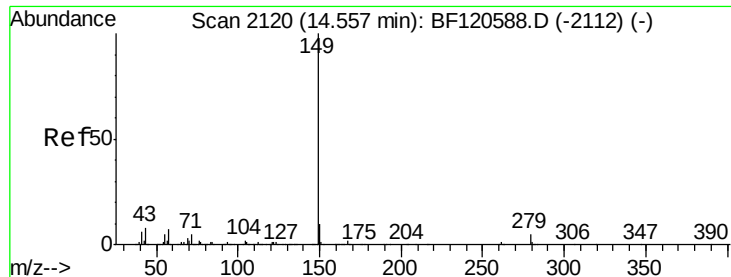
mohammad
 6/29/2020 3:18:28 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 57.853 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Tgt Ion:	149	Resp:	541820
Ion Ratio	Lower	Upper	
149	100		
167	26.6	22.0	33.0
279	4.4	3.0	4.6





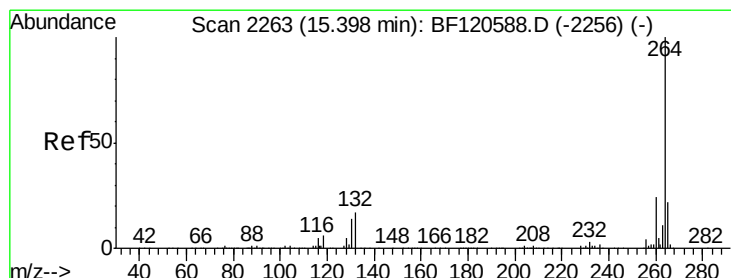
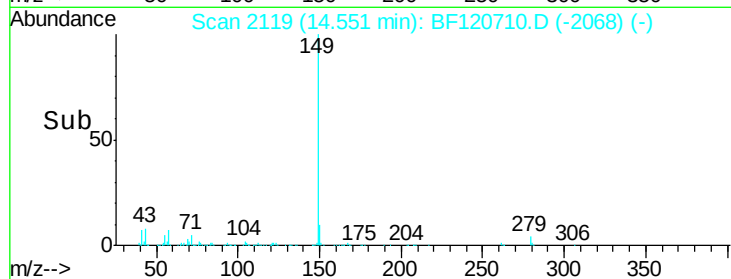
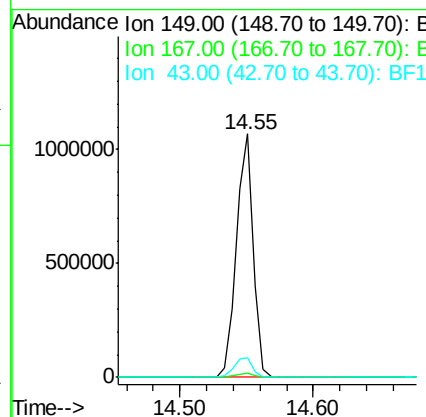
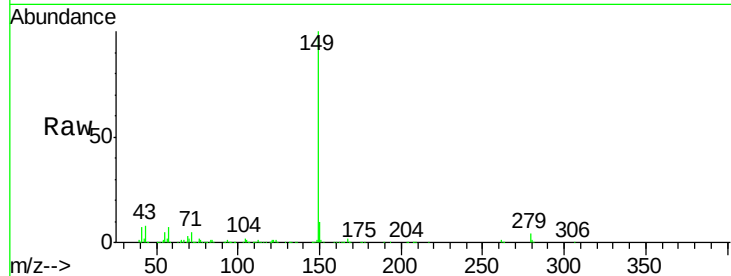
#85
Di-n-octyl phthalate
Concen: 53.097 ng
RT: 14.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	949036		
167	1.6		1.3	1.9
43	8.6		7.6	11.4

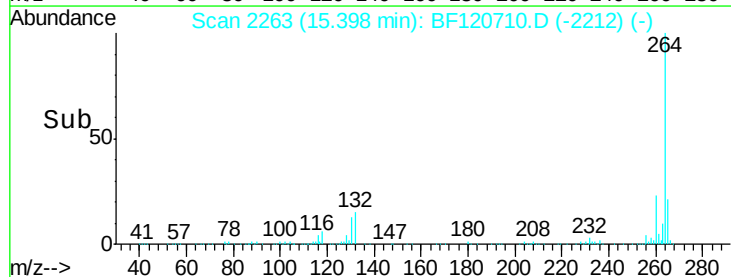
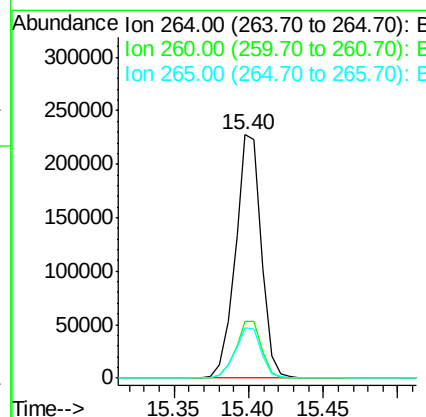
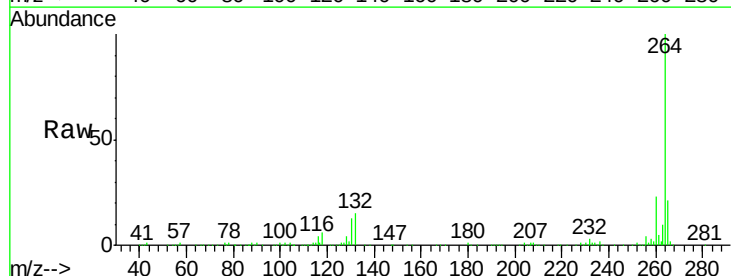
Manual Integrations
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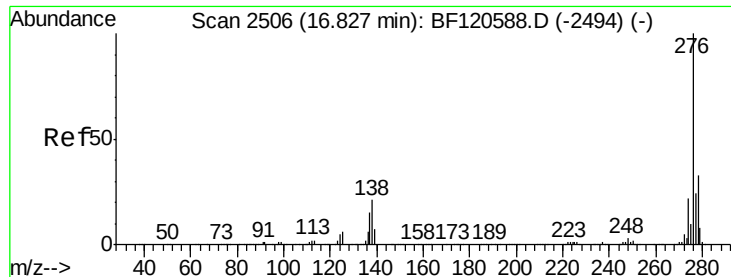
mohammad
6/29/2020 3:18:28 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	275659		
260	23.3		19.3	28.9
265	20.8		17.8	26.8





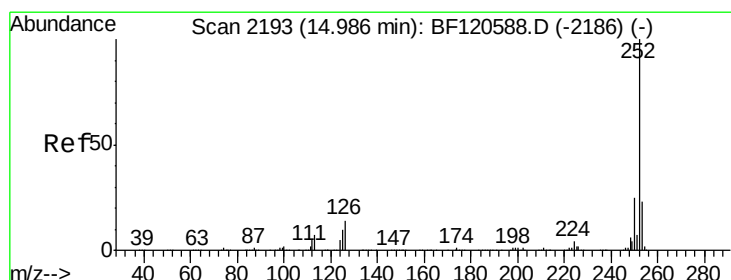
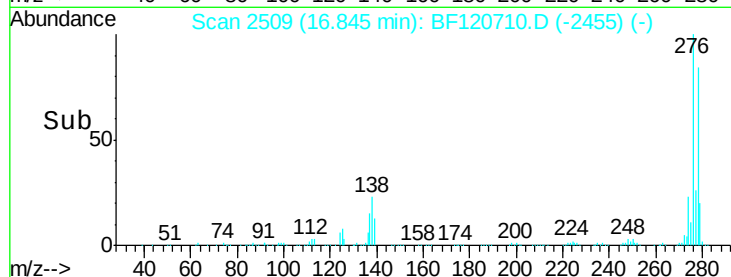
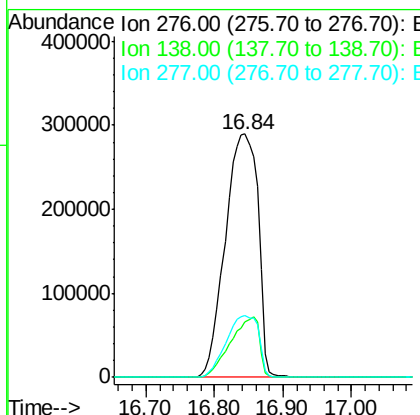
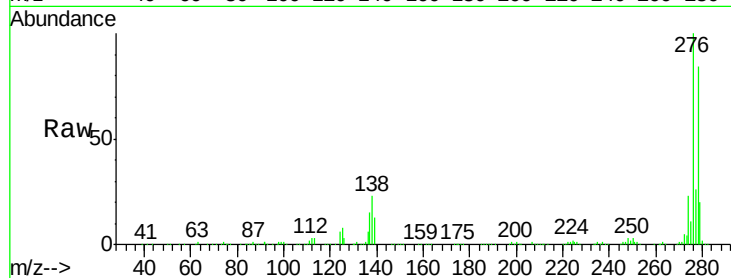
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 57.309 ng
 RT: 16.84 min Scan# 2509
 Delta R.T. 0.02 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.0	18.9	28.3
277	25.3	20.2	30.2

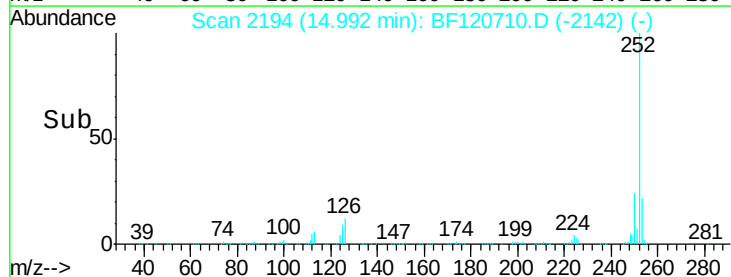
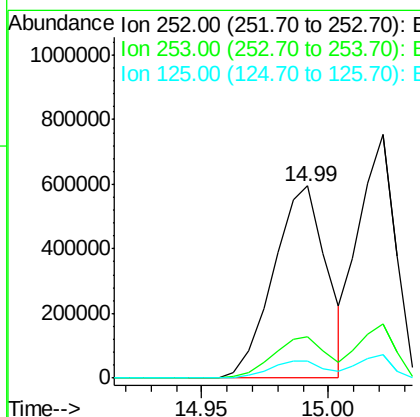
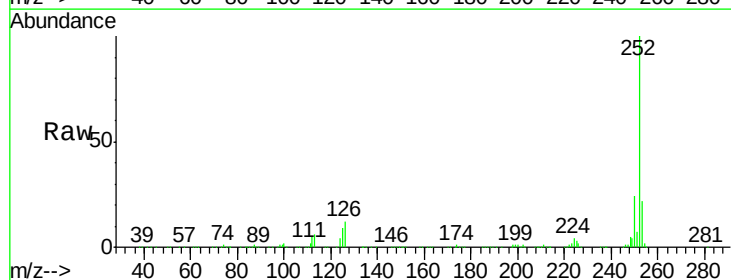
Manual Integrations
 APPROVED

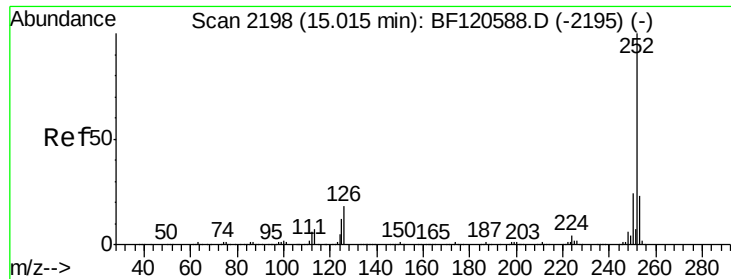
mohammad
 6/29/2020 3:18:28 PM



#88
 Benzo(b)fluoranthene
 Concen: 52.954 ng
 RT: 14.99 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: BF120710.D
 Acq: 26 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	9.0	8.3	12.5





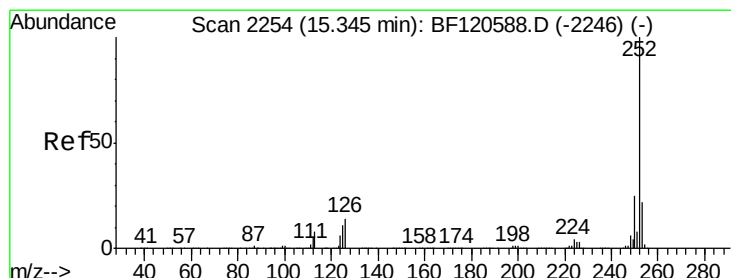
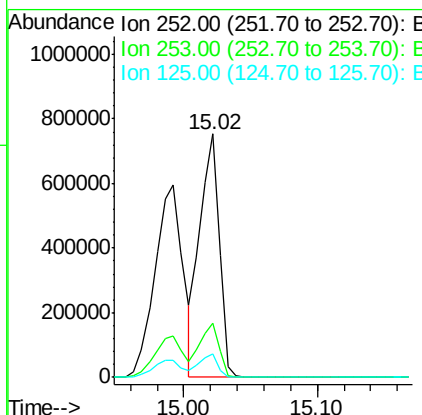
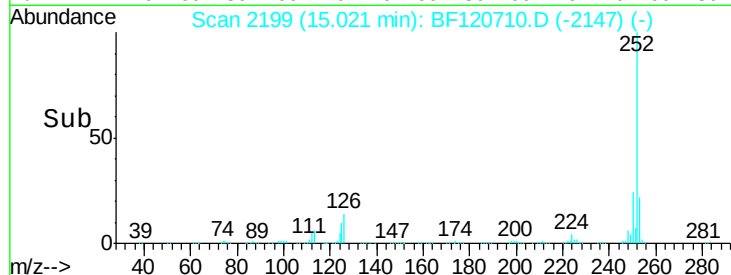
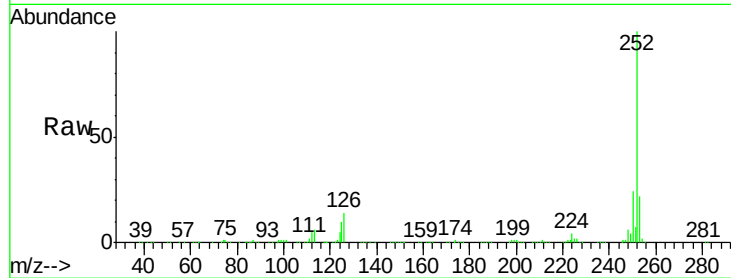
#89
Benzo(k)fluoranthene
Concen: 52.285 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	9.6	8.3	12.5

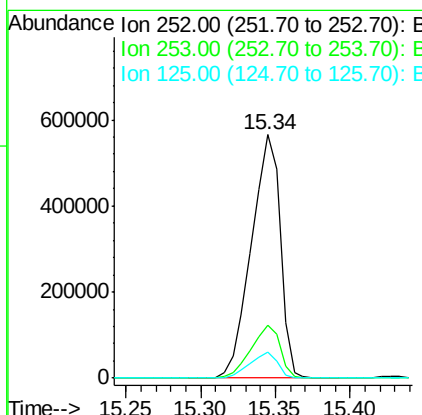
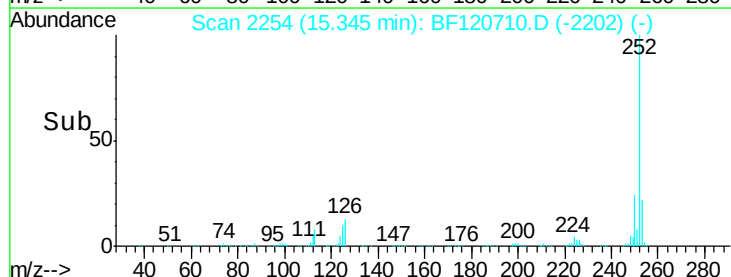
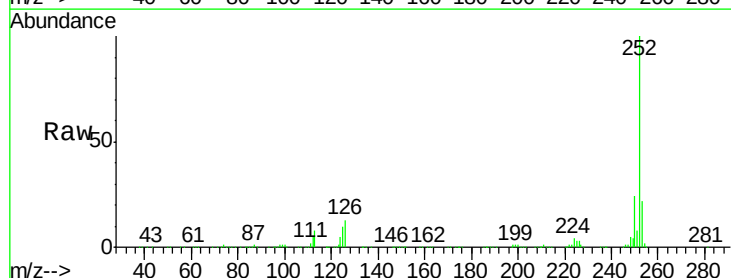
Manual Integrations
APPROVED

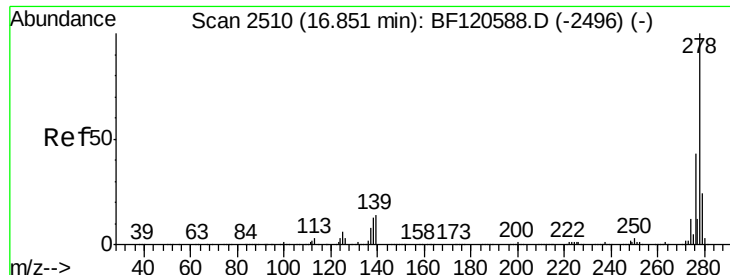
mohammad
6/29/2020 3:18:28 PM



#90
Benzo(a)pyrene
Concen: 51.533 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.01 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.8
125	10.5	8.6	12.8





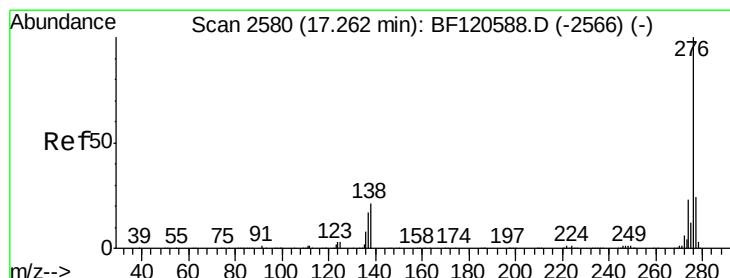
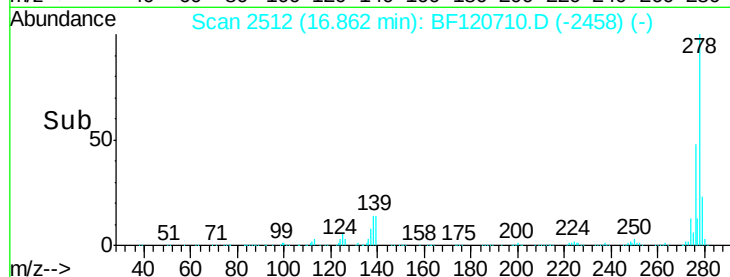
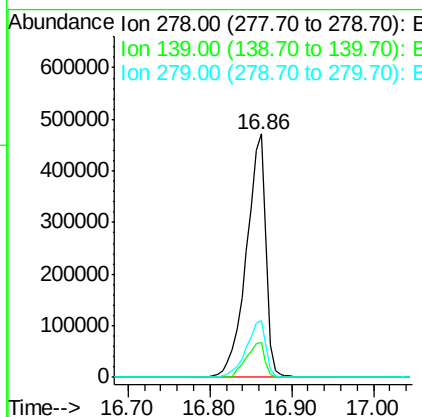
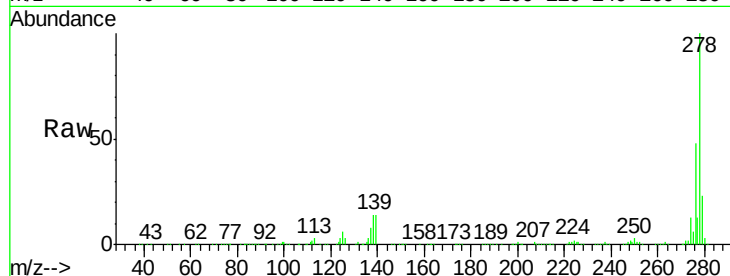
#91
Dibenzo(a,h)anthracene
Concen: 58.518 ng
RT: 16.86 min Scan# 2512
Delta R.T. 0.02 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.2	11.4	17.2
279	23.3	19.1	28.7

Manual Integrations
APPROVED

mohammad
6/29/2020 3:18:28 PM



#92
Benzo(g,h,i)perylene
Concen: 58.947 ng
RT: 17.28 min Scan# 2583
Delta R.T. 0.02 min
Lab File: BF120710.D
Acq: 26 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.6	29.4
138	18.2	16.5	24.7

