

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
 Data File : BF120531.D
 Acq On : 4 Jun 2020 14:03
 Operator : JU/CG
 Sample : PB129254BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129254BS

Manual Integrations
 APPROVED

mohammad
 6/5/2020 11:57:13 AM

Quant Time: Jun 04 15:00:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 03 14:26:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	198807	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	753995	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	390412	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	742425	20.00	ng	0.00
76) Chrysene-d12	14.00	240	563535	20.00	ng	-0.01
86) Perylene-d12	15.45	264	569393	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1059897	101.60	ng	0.00
7) Phenol-d6	6.47	99	1327270	103.22	ng	0.00
23) Nitrobenzene-d5	7.39	82	857710	74.41	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	405870	112.20	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1636594	71.12	ng	-0.01
79) Terphenyl-d14	12.94	244	1509779	59.62	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.66	88	175879	34.035 ng	99
3) Pyridine	3.40	79	458438	32.032 ng	99
4) n-Nitrosodimethylamine	3.35	42	242735	40.078 ng	98
6) Aniline	6.49	93	541724	30.216 ng	100
8) 2-Chlorophenol	6.62	128	455804	38.750 ng	98
9) Benzaldehyde	6.37	77	239789	30.598 ng	99
10) Phenol	6.48	94	536208	38.134 ng	96
11) bis(2-Chloroethyl)ether	6.56	93	425297	36.195 ng	99
12) 1,3-Dichlorobenzene	6.77	146	463401	35.859 ng	98
13) 1,4-Dichlorobenzene	6.85	146	472651	36.659 ng	99
14) 1,2-Dichlorobenzene	7.00	146	434082	36.450 ng	99
15) Benzyl Alcohol	6.97	79	362565	37.406 ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	614184	33.156 ng	99
17) 2-Methylphenol	7.09	107	369779	35.155 ng	98
18) Hexachloroethane	7.34	117	174975	37.074 ng	94
19) n-Nitroso-di-n-propylamine	7.25	70	286891	35.100 ng	97
20) 3+4-Methylphenols	7.24	107	416588	31.351 ng	98
22) Acetophenone	7.24	105	558093	36.445 ng	# 97
24) Nitrobenzene	7.41	77	446866	35.989 ng	99
25) Isophorone	7.65	82	835503	36.064 ng	100
26) 2-Nitrophenol	7.73	139	244914	43.748 ng	96
27) 2,4-Dimethylphenol	7.76	122	396591	40.793 ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	529259	37.936 ng	100
29) 2,4-Dichlorophenol	7.97	162	378985	38.594 ng	100
30) 1,2,4-Trichlorobenzene	8.05	180	414923	37.652 ng	99
31) Naphthalene	8.13	128	1167961	35.271 ng	99
32) Benzoic acid	7.89	122	234828	32.549 ng	97
33) 4-Chloroaniline	8.18	127	354432	24.151 ng	98
34) Hexachlorobutadiene	8.25	225	214870	32.895 ng	97
35) Caprolactam	8.56	113	96768m	30.428 ng	
36) 4-Chloro-3-methylphenol	8.67	107	350936	35.225 ng	96
37) 2-Methylnaphthalene	8.83	142	764873	34.872 ng	98
38) 1-Methylnaphthalene	8.93	142	776895	37.525 ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	394247	39.378 ng	98

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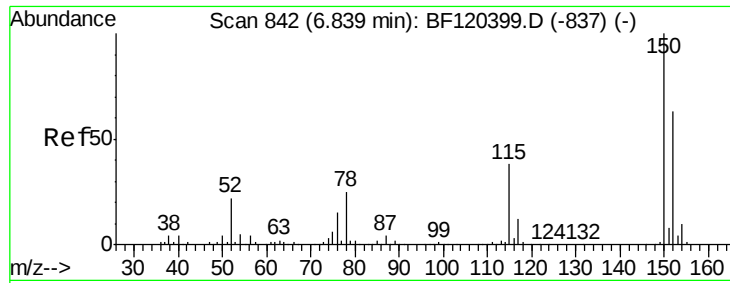
Manual Integrations
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 6/5/2020 11:57:13 AM

Quant Time: Jun 04 15:00:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 03 14:26:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	493631	88.342	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	287322	39.680	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	301981	36.791	nq	99
46) 1,1'-Biphenyl	9.29	154	1041547	40.611	nq	97
47) 2-Chloronaphthalene	9.32	162	803588	38.051	nq	99
48) 2-Nitroaniline	9.41	65	241828	37.595	nq	96
49) Acenaphthylene	9.73	152	1285016	39.375	nq	99
50) Dimethylphthalate	9.59	163	924624	37.883	nq	99
51) 2,6-Dinitrotoluene	9.65	165	212118	39.106	nq	99
52) Acenaphthene	9.90	154	865418m	42.489	nq	
53) 3-Nitroaniline	9.82	138	165051	25.913	nq	96
54) 2,4-Dinitrophenol	9.93	184	220640	99.006	nq	98
55) Dibenzofuran	10.07	168	1137174	38.420	nq	98
56) 4-Nitrophenol	9.99	139	367369	75.336	nq	98
57) 2,4-Dinitrotoluene	10.06	165	280824	40.453	nq	99
58) Fluorene	10.42	166	847102	38.138	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	254670	39.817	nq	99
60) Diethylphthalate	10.29	149	916047	37.140	nq	100
61) 4-Chlorophenyl-phenylether	10.41	204	419055	34.799	nq	96
62) 4-Nitroaniline	10.44	138	229053	38.092	nq	99
63) Azobenzene	10.57	77	862027	37.157	nq	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	149914	55.361	nq	94
66) n-Nitrosodiphenylamine	10.53	169	797122	38.652	nq	98
67) 4-Bromophenyl-phenylether	10.90	248	279804	37.336	nq	97
68) Hexachlorobenzene	10.97	284	308528	38.658	nq	96
69) Atrazine	11.06	200	231161	39.767	nq	99
70) Pentachlorophenol	11.16	266	322893	66.172	nq	99
71) Phenanthrene	11.38	178	1273582	38.931	nq	99
72) Anthracene	11.43	178	1313823	40.028	nq	99
73) Carbazole	11.59	167	1206614	38.007	nq	100
74) Di-n-butylphthalate	11.92	149	1218348	32.991	nq	99
75) Fluoranthene	12.57	202	1118513	31.776	nq	99
77) Benzidine	12.69	184	605628	40.902	nq	97
78) Pyrene	12.80	202	1147615	29.283	nq	99
80) Butylbenzylphthalate	13.42	149	565558	34.567	nq	98
81) Benzo(a)anthracene	13.99	228	1176491	38.954	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	326435	29.771	nq	99
83) Chrysene	14.03	228	1192575	37.664	nq	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	765069	39.835	nq	99
85) Di-n-octyl phthalate	14.59	149	1340552	40.339	nq	99
87) Indeno(1,2,3-cd)pyrene	16.90	276	1114841	35.798	nq	100
88) Benzo(b)fluoranthene	15.03	252	1138365	35.995	nq	99
89) Benzo(k)fluoranthene	15.06	252	1083251	36.690	nq	99
90) Benzo(a)pyrene	15.39	252	1032600	37.328	nq	99
91) Dibenzo(a,h)anthracene	16.92	278	926551	36.493	nq	97
92) Benzo(g,h,i)perylene	17.34	276	910170	36.346	nq	99

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



#1

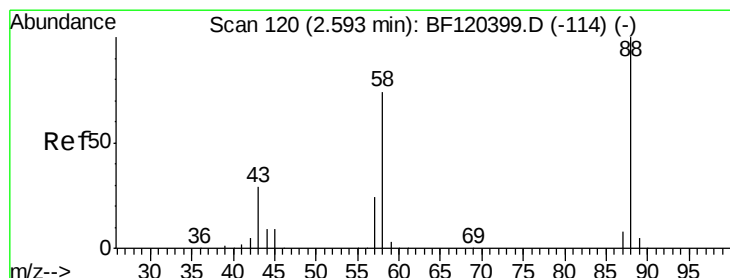
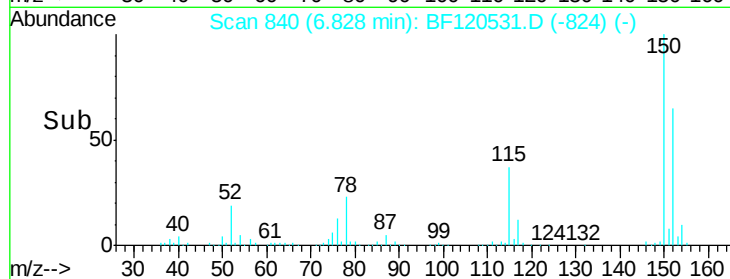
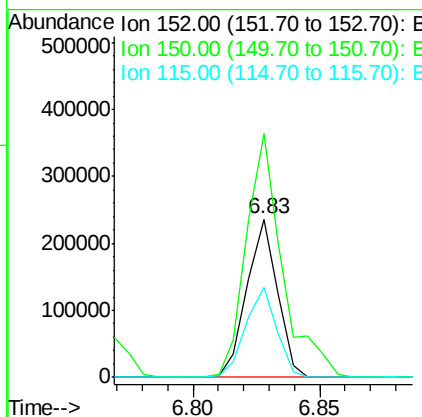
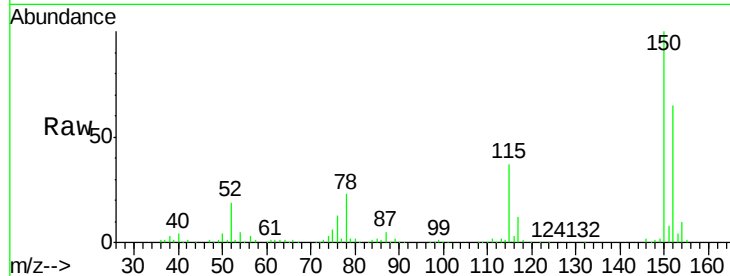
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Instrument :
BNA_F
ClientSampleId :
PB129254BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	127.1	190.7
115	56.8	48.7	73.1

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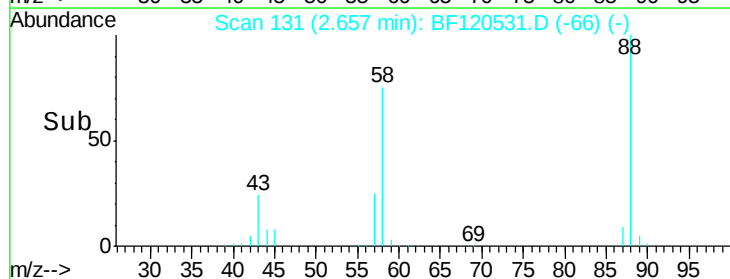
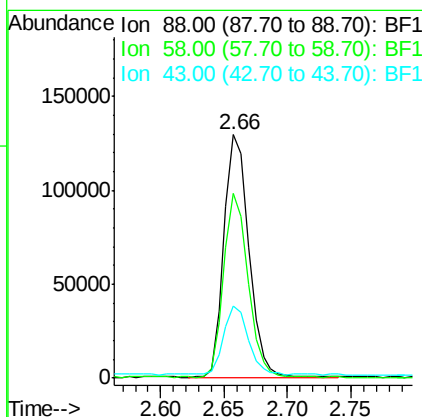
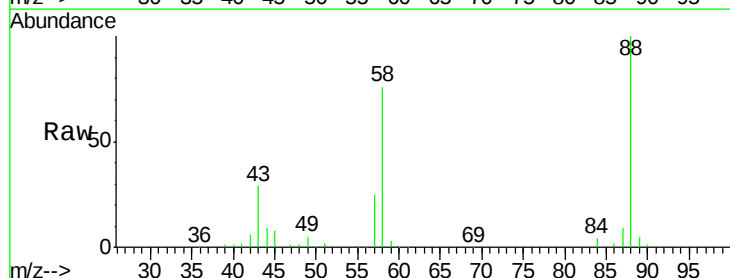
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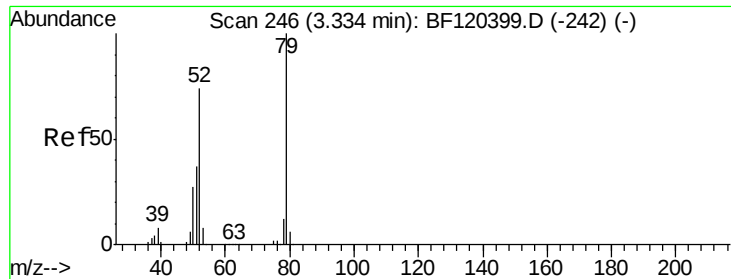


#2

1,4-Dioxane
Concen: 34.035 ng
RT: 2.66 min Scan# 131
Delta R.T. 0.08 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.2	59.7	89.5
43	27.6	23.0	34.6





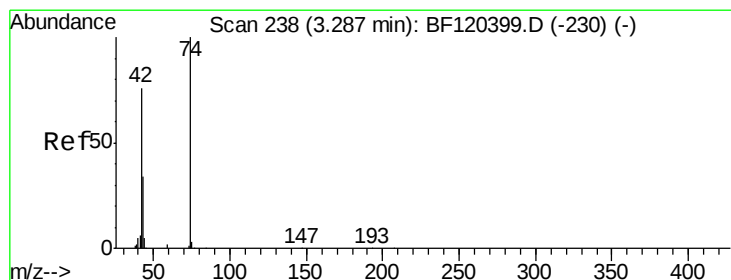
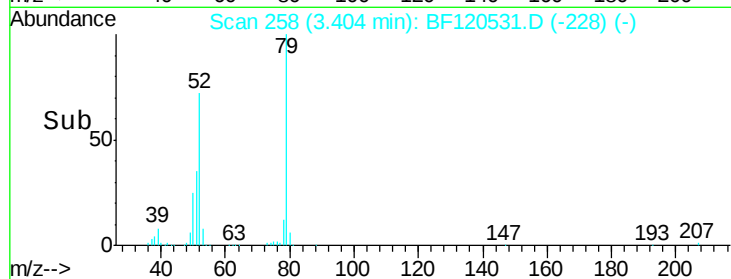
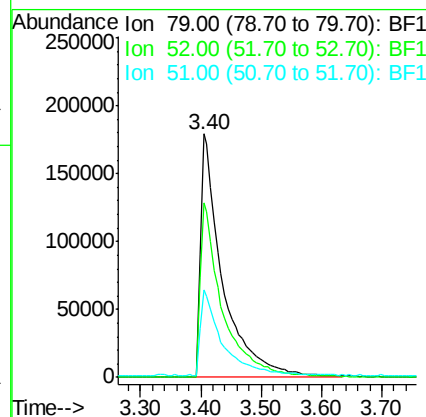
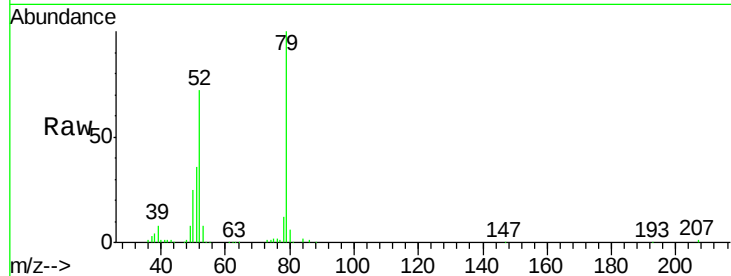
#3
 Pvridine
 Concen: 32.032 ng
 RT: 3.40 min Scan# 258
 Delta R.T. 0.08 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

Instrument :
 BNA_F
 ClientSampleId :
 PB129254BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		458438		
52	71.7	57.4	86.0		
51	36.2	27.5	41.3		

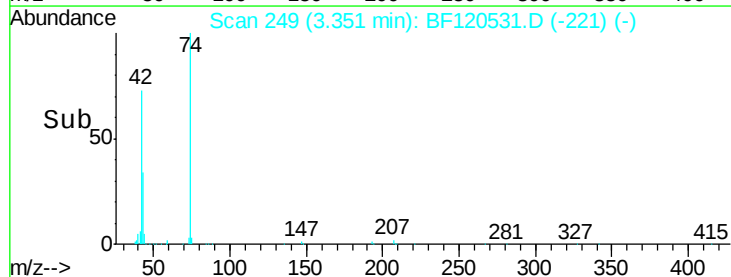
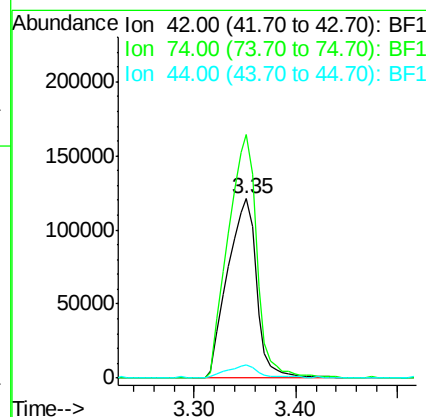
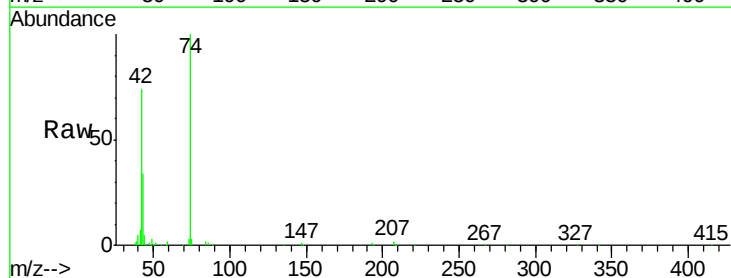
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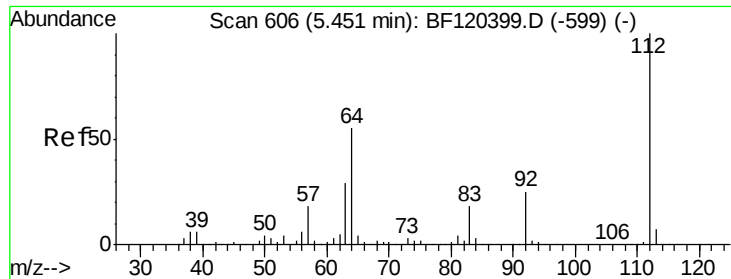
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#4
 n-Nitrosodimethylamine
 Concen: 40.078 ng
 RT: 3.35 min Scan# 249
 Delta R.T. 0.06 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		242735		
74	135.7	106.3	159.5		
44	7.3	5.9	8.9		





#5

2-Fluorophenol

Concen: 101.601 ng

RT: 5.46 min Scan# 607

Delta R.T. 0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Instrument :

BNA_F

ClientSampleId :

PB129254BS

Tot Ion: 112 Resp: 1059897

Ion Ratio Lower Upper

112 100

64 57.7 45.8 68.8

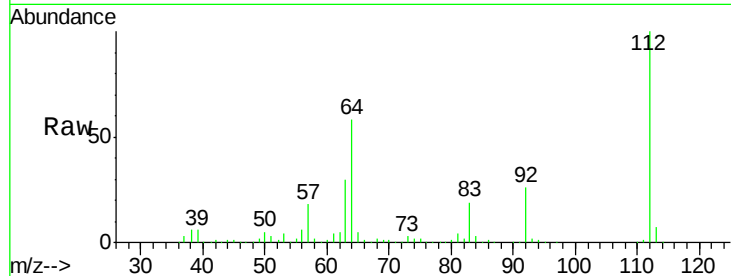
63 29.7 23.7 35.5

Manual Integrations

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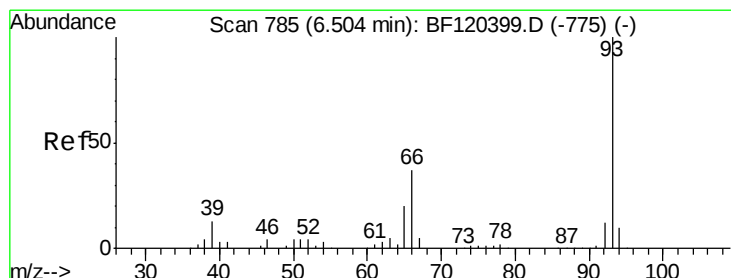
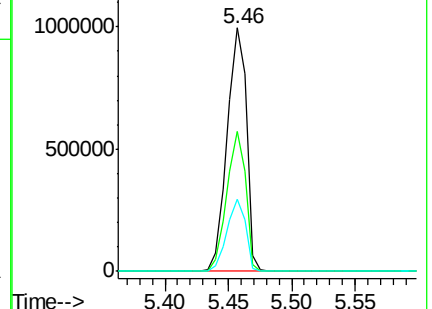
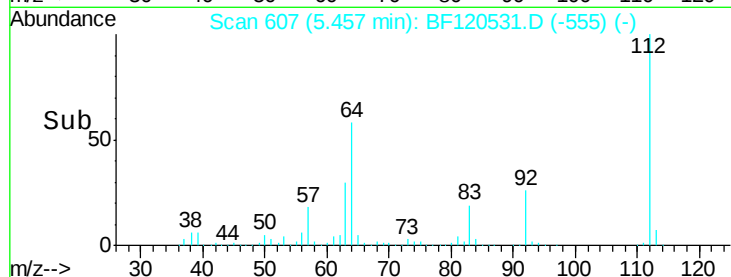
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.216 ng

RT: 6.49 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

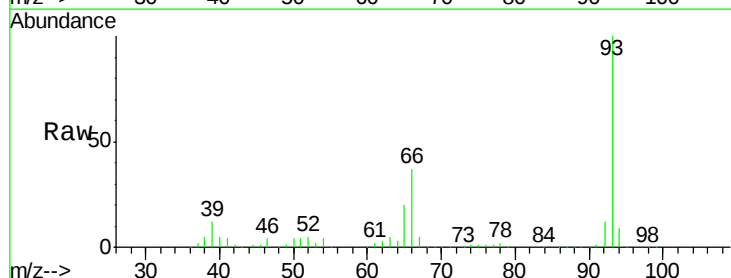
Tgt Ion: 93 Resp: 541724

Ion Ratio Lower Upper

93 100

66 37.4 29.9 44.9

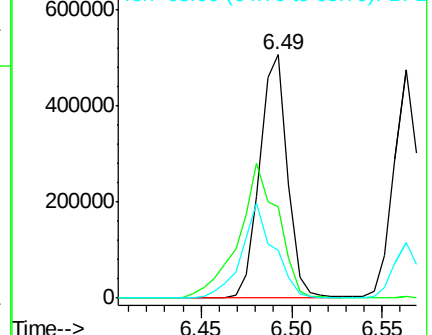
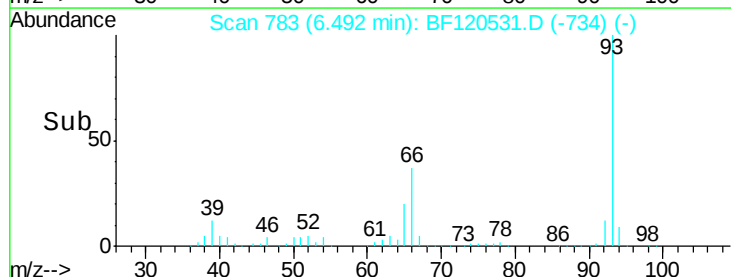
65 19.6 15.5 23.3

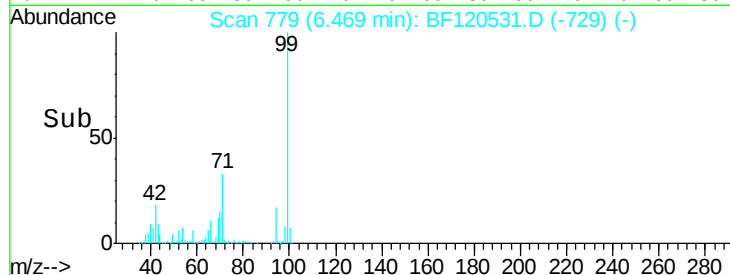
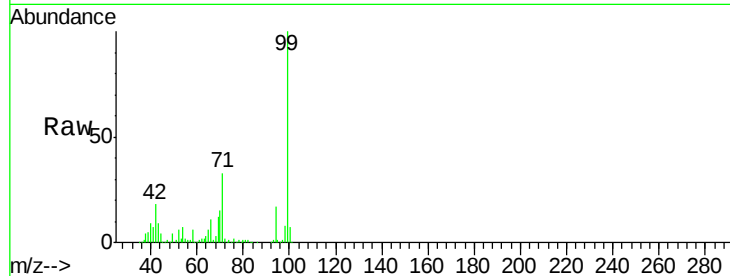
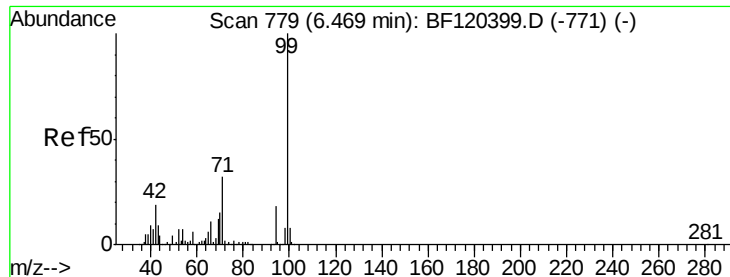


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 103.224 ng

RT: 6.47 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Tot Ion: 99 Resp: 1327270

Ion Ratio Lower Upper

99 100

42 17.8 15.0 22.4

71 32.7 26.3 39.5

Instrument :

BNA_F

ClientSampleId :

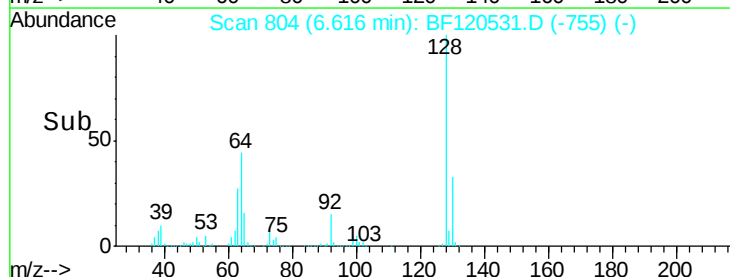
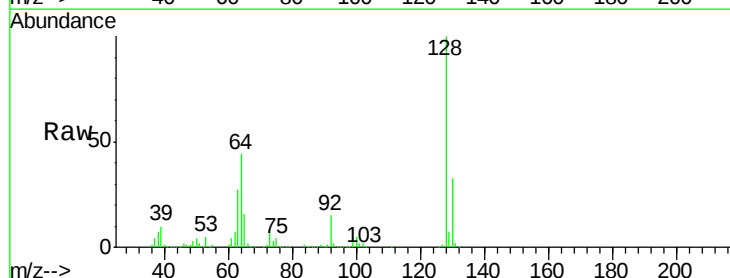
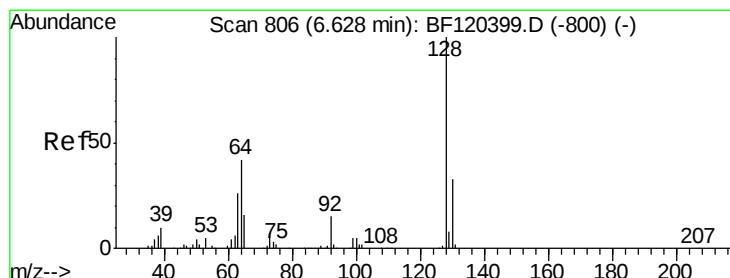
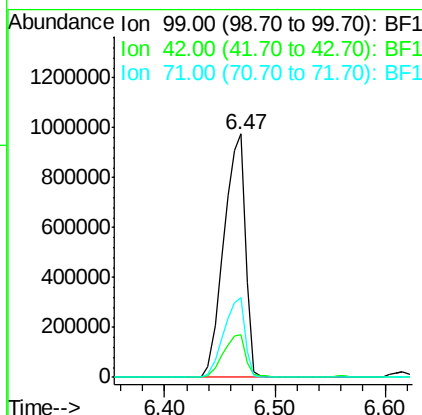
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#8

2-Chlorophenol

Concen: 38.750 ng

RT: 6.62 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

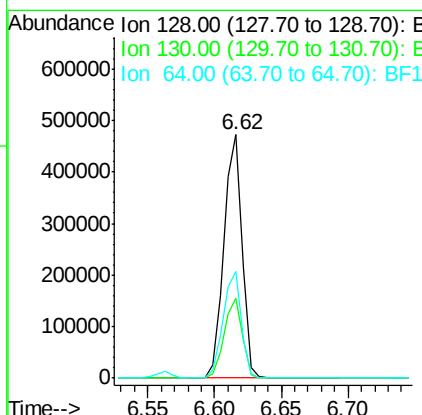
Tgt Ion:128 Resp: 455804

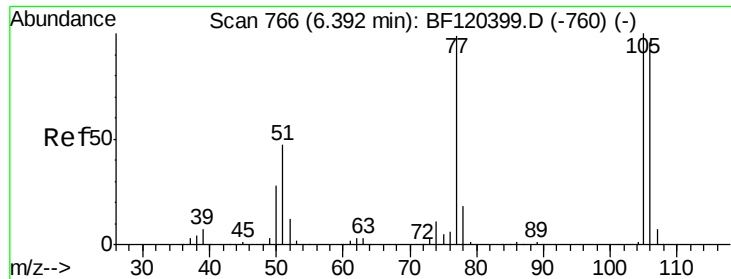
Ion Ratio Lower Upper

128 100

130 33.0 13.4 53.4

64 44.0 21.5 61.5





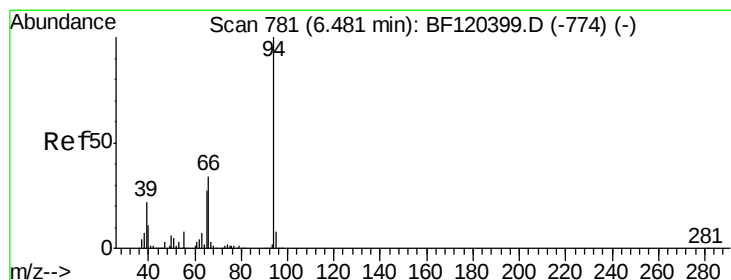
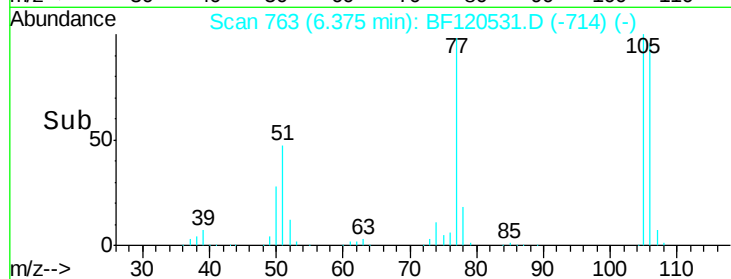
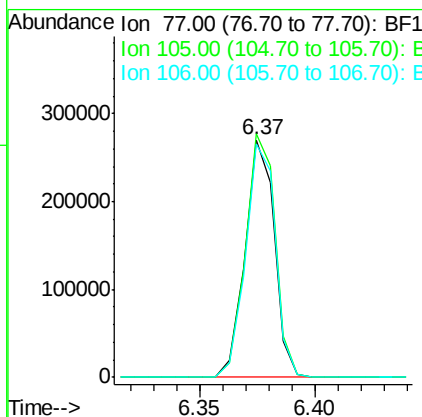
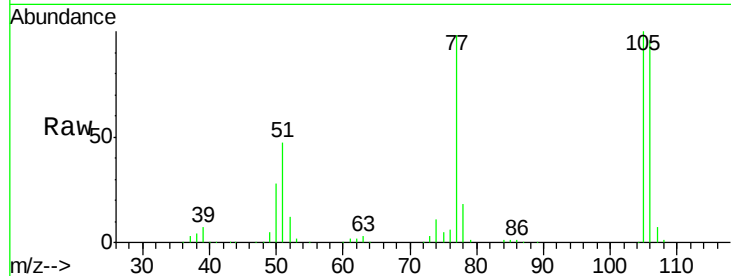
#9
Benzaldehyde
Concen: 30.598 ng
RT: 6.37 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Instrument :
BNA_F
ClientSampleId :
PB129254BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	102.5	83.2	123.2		
106	98.5	78.9	118.9		

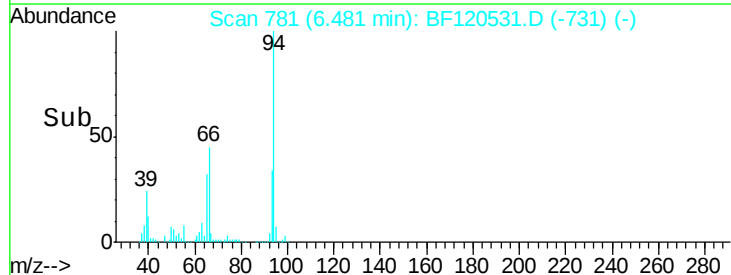
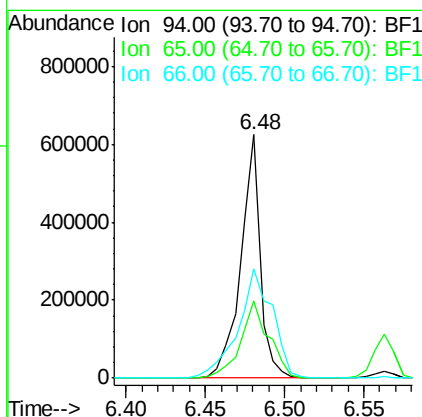
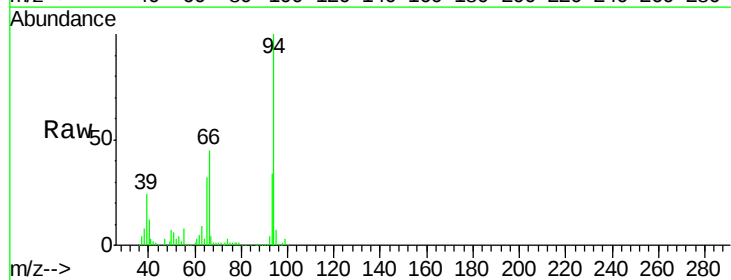
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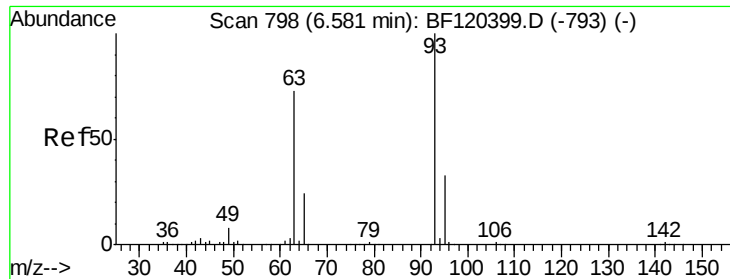
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#10
Phenol
Concen: 38.134 ng
RT: 6.48 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	31.5	14.2	54.2		
66	44.7	27.5	67.5		





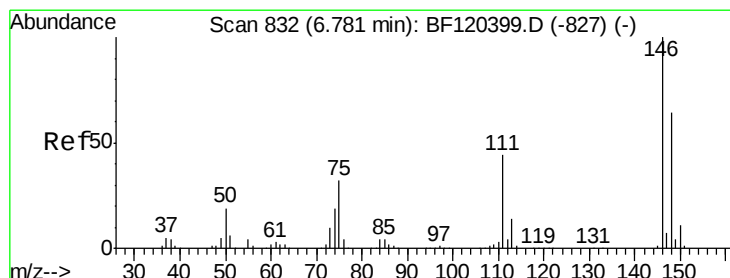
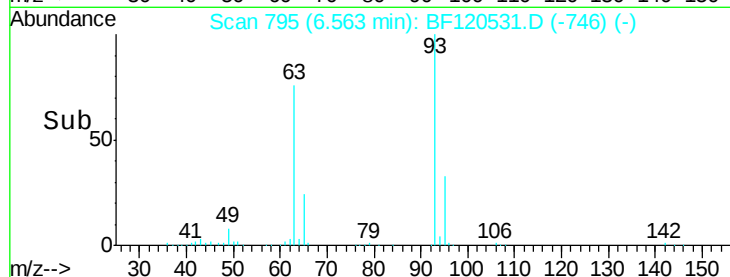
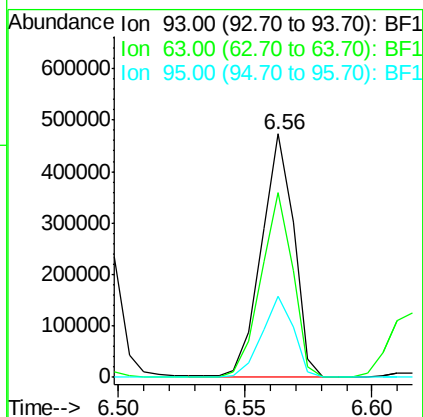
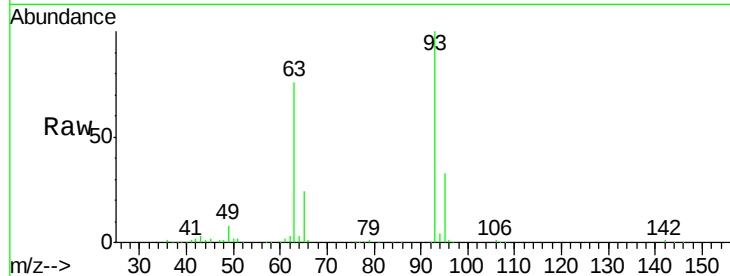
#11
bis(2-Chloroethyl)ether
Concen: 36.195 ng
RT: 6.56 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Instrument :
BNA_F
ClientSampleId :
PB129254BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	425297		
63	75.7	54.8	94.8	
95	33.3	12.7	52.7	

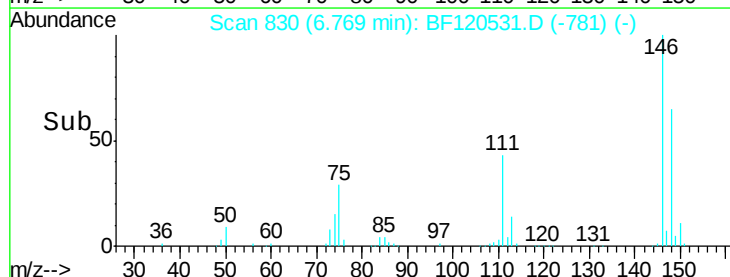
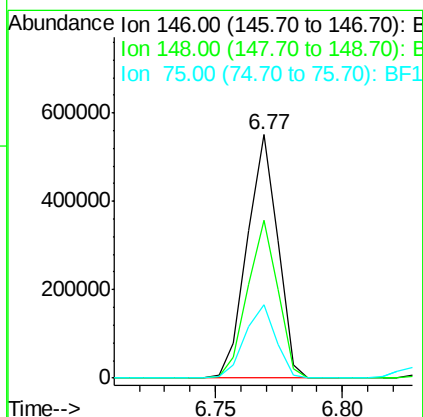
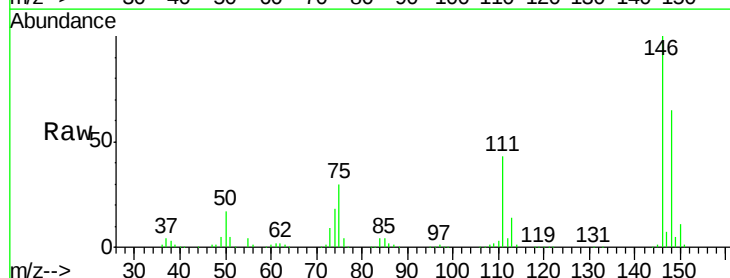
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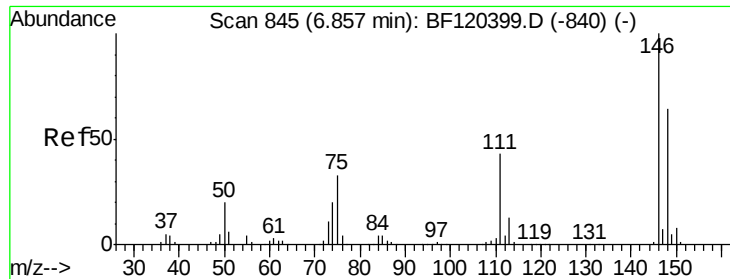
mohammad
6/5/2020 11:57:13 AM



#12
1,3-Dichlorobenzene
Concen: 35.859 ng
RT: 6.77 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	463401		
148	64.6	51.9	77.9	
75	30.3	22.2	33.2	





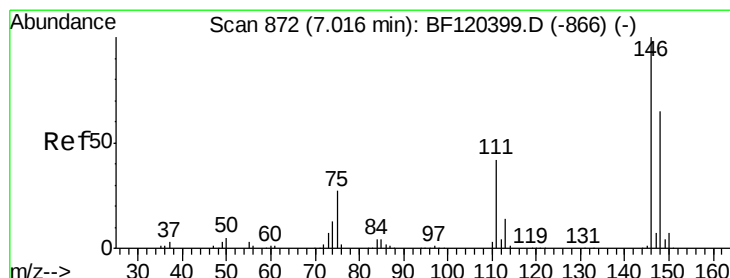
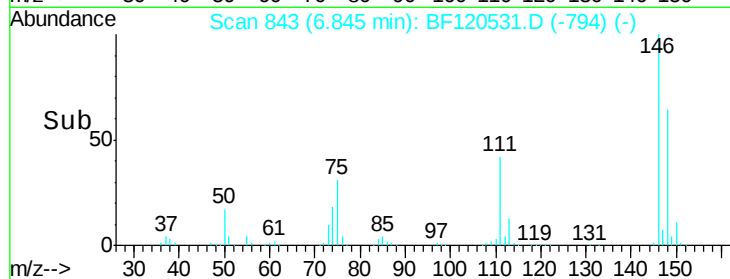
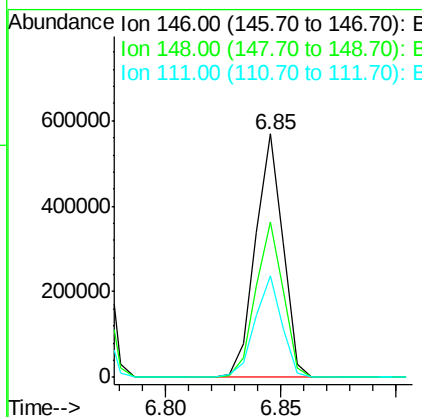
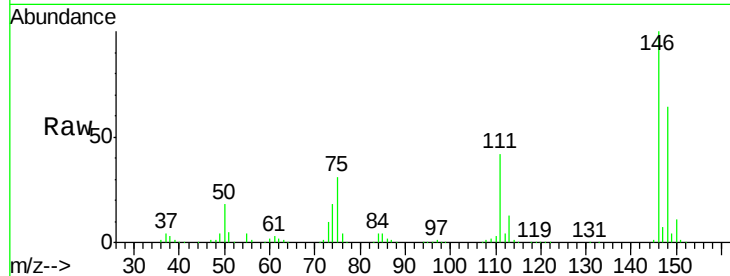
#13
 1,4-Dichlorobenzene
 Concen: 36.659 ng
 RT: 6.85 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

Instrument :
 BNA_F
 ClientSampleId :
 PB129254BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		472651		
148	63.7	51.1	76.7		
111	41.9	32.2	48.2		

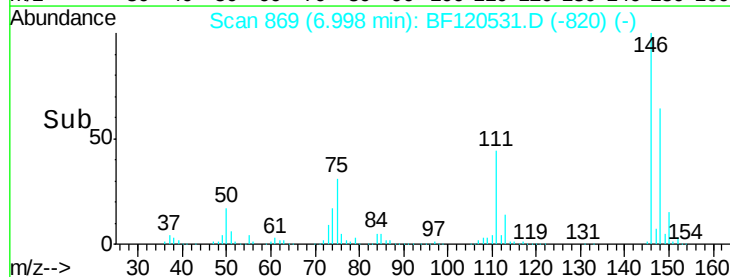
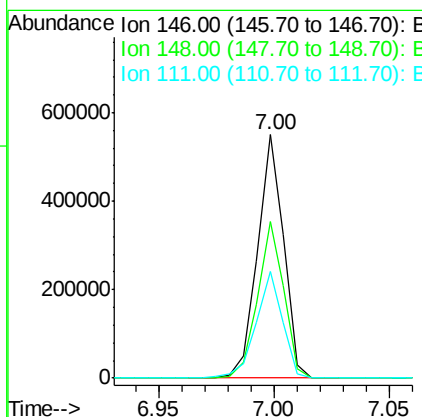
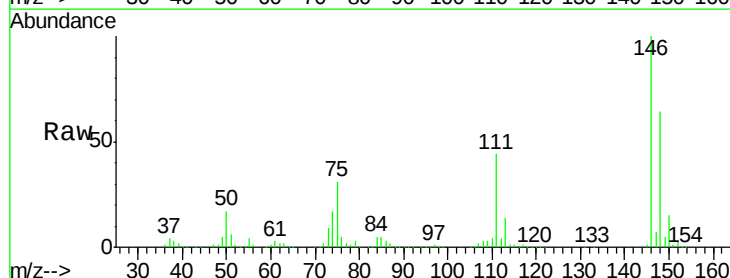
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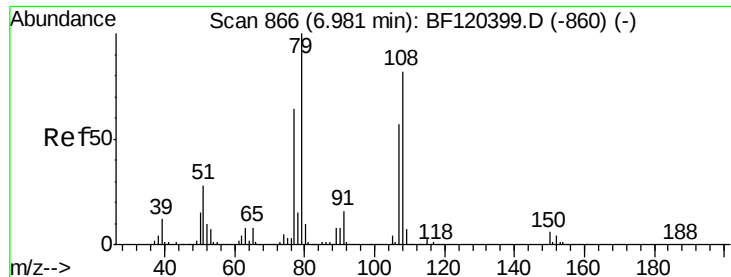
mohammad
 6/5/2020 11:57:13 AM



#14
 1,2-Dichlorobenzene
 Concen: 36.450 ng
 RT: 7.00 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		434082		
148	64.2	50.4	75.6		
111	44.0	34.6	52.0		





#15

Benzyl Alcohol

Concen: 37.406 ng

RT: 6.97 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Instrument :

BNA_F

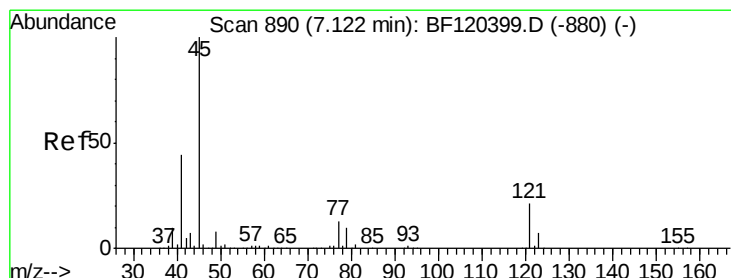
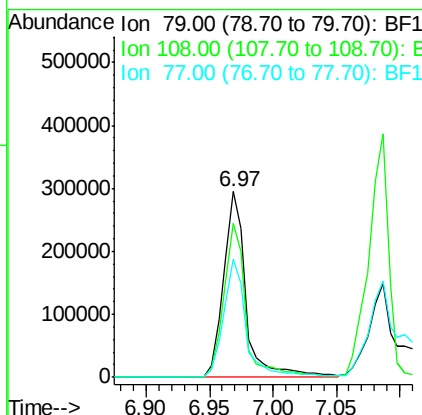
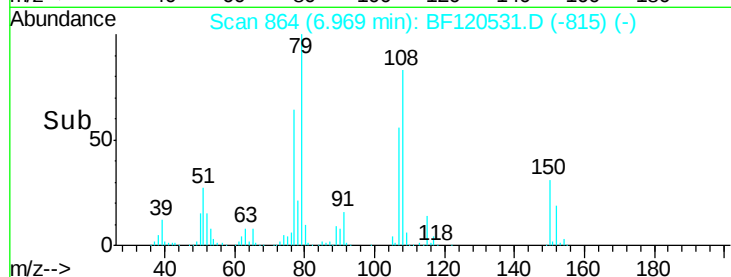
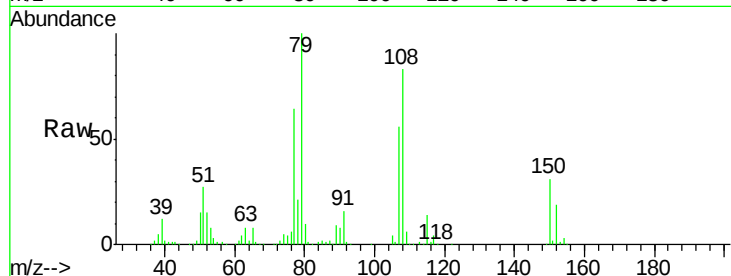
ClientSampleId :

PB129254BS

Tot Ion:	79	Resp:	362565
Ion Ratio	Lower	Upper	
79	100		
108	83.2	64.6	96.8
77	63.6	50.2	75.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 33.156 ng

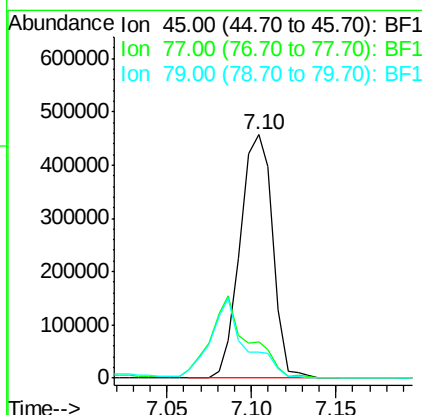
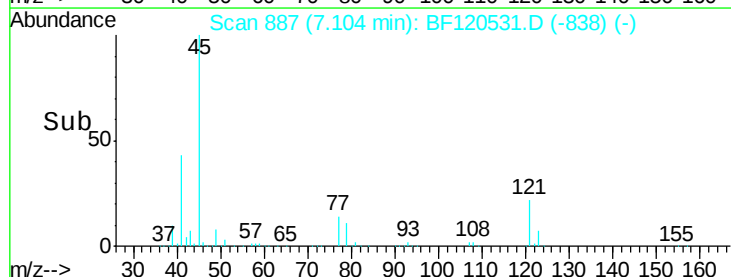
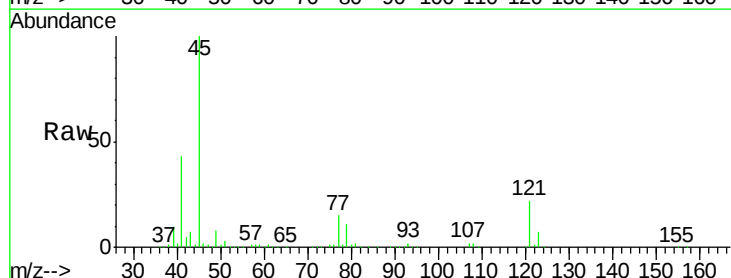
RT: 7.10 min Scan# 887

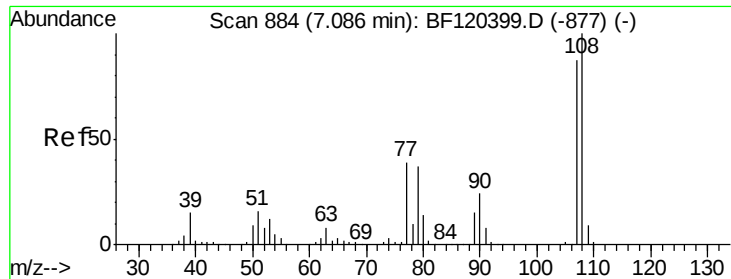
Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Tgt Ion:	45	Resp:	614184
Ion Ratio	Lower	Upper	
45	100		
77	14.7	0.0	34.3
79	10.9	0.0	31.4





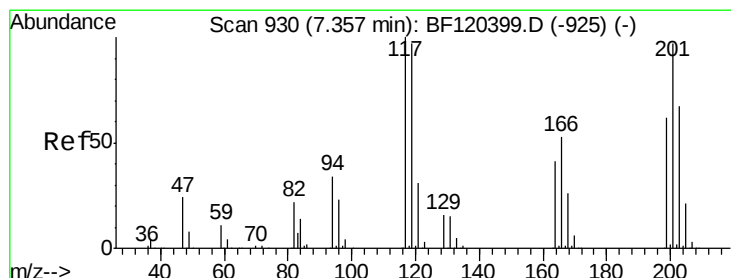
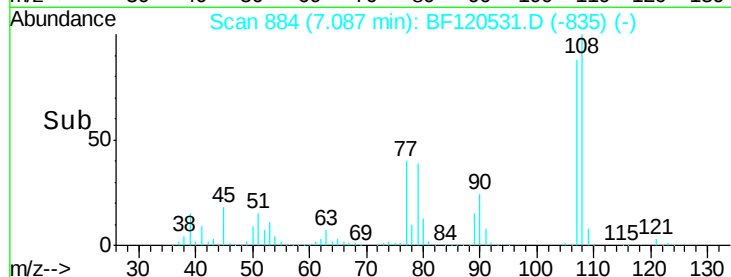
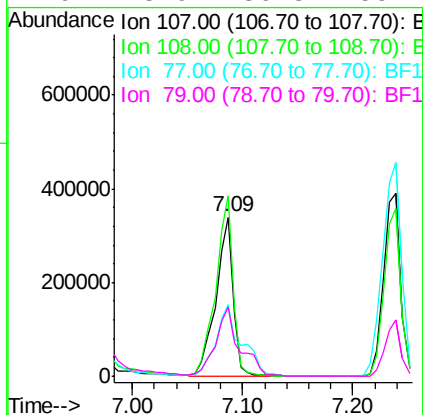
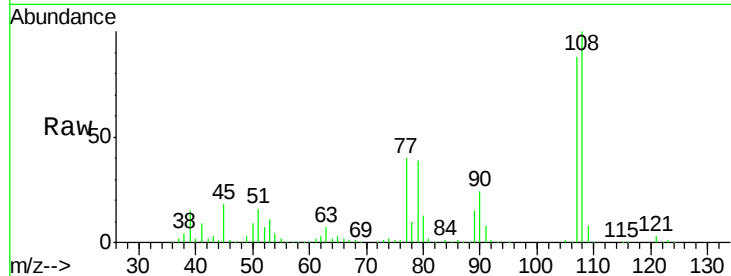
#17
2-Methylphenol
Concen: 35.155 ng
RT: 7.09 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Instrument :
BNA_F
ClientSampleId :
PB129254BS

Tot Ion	107	Resp	369779
Ion Ratio	Lower	Upper	
107	100		
108	114.0	91.9	137.9
77	45.3	38.2	57.2
79	43.9	36.8	55.2

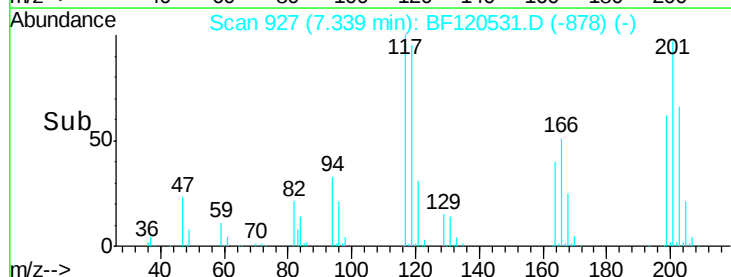
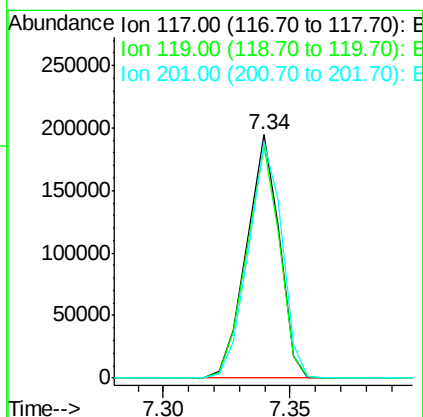
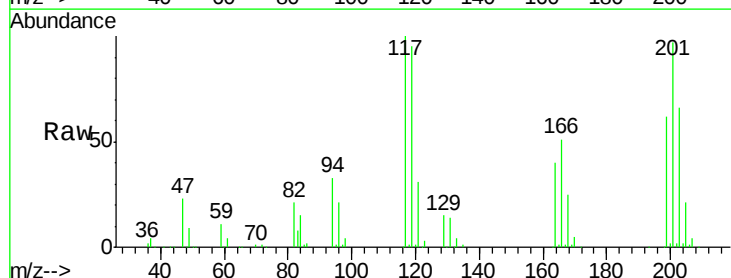
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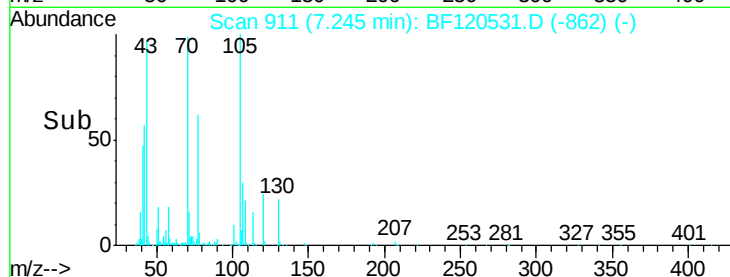
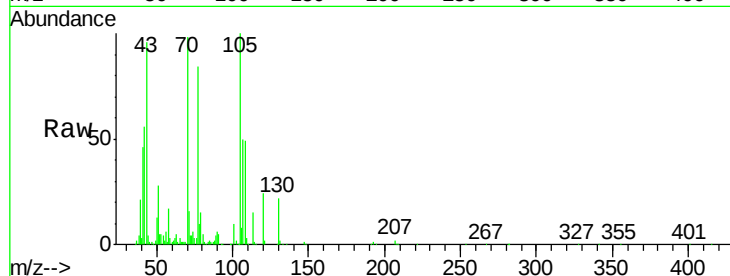
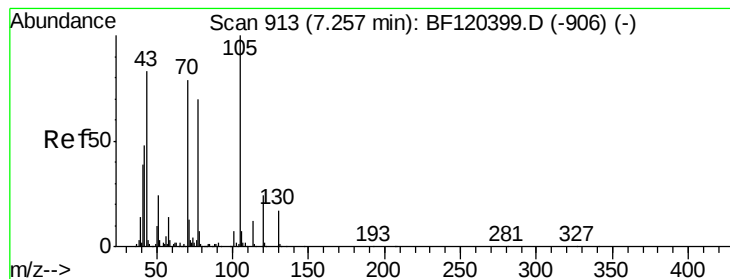
mohammad
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#18
Hexachloroethane
Concen: 37.074 ng
RT: 7.34 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Tgt Ion	117	Resp	174975
Ion Ratio	Lower	Upper	
117	100		
119	95.2	78.0	117.0
201	97.1	84.8	127.2





#19

n-Nitroso-di-n-propylamine

Concen: 35.100 ng

RT: 7.25 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Instrument :

BNA_F

ClientSampleId :

PB129254BS

Tot Ion: 70 Resp: 286891

Ion Ratio Lower Upper

70 100

42 57.5 47.6 71.4

101 9.8 7.4 11.0

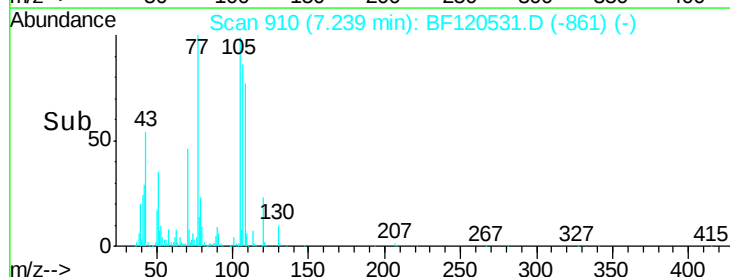
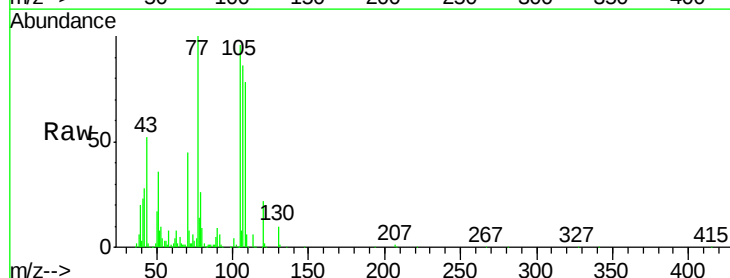
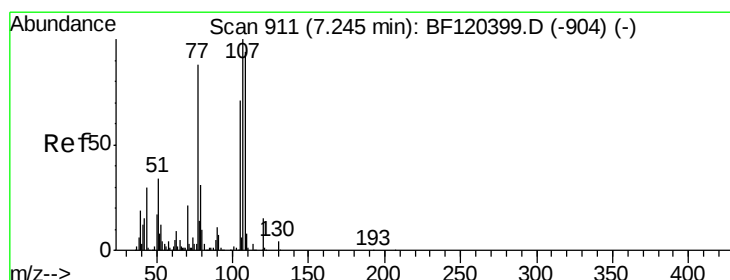
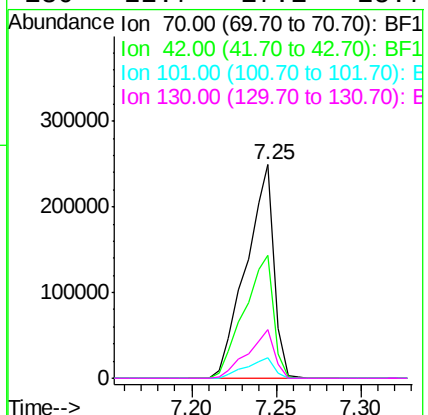
130 22.7 17.1 25.7

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#20

3+4-Methylphenols

Concen: 31.351 ng

RT: 7.24 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Tgt Ion: 107 Resp: 416588

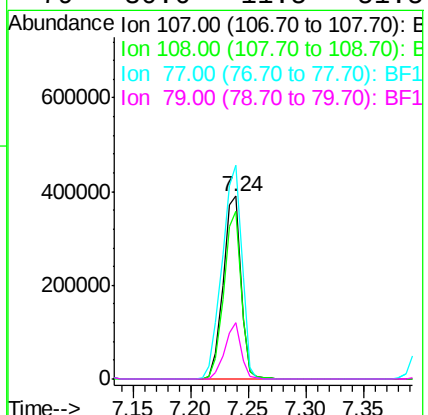
Ion Ratio Lower Upper

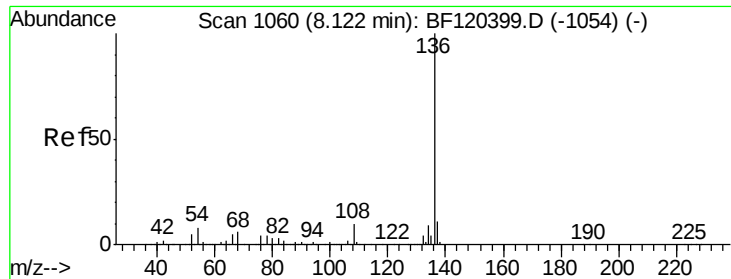
107 100

108 91.5 74.8 114.8

77 116.7 95.2 135.2

79 30.6 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Instrument :

BNA_F

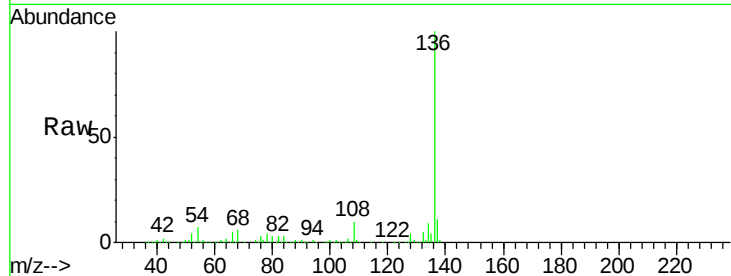
ClientSampleId :

PB129254BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	753995		
137	11.2		9.0	13.4
54	7.5		6.0	9.0
68	5.9		4.8	7.2

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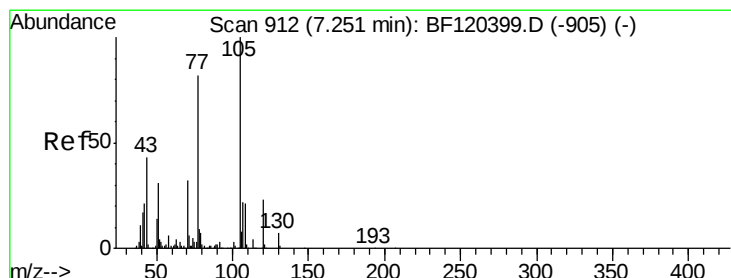
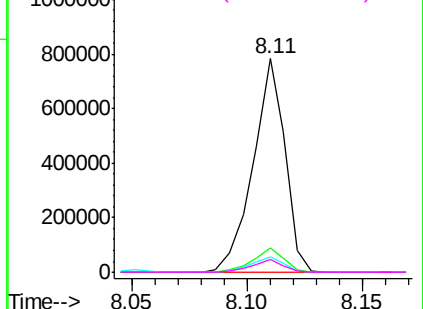
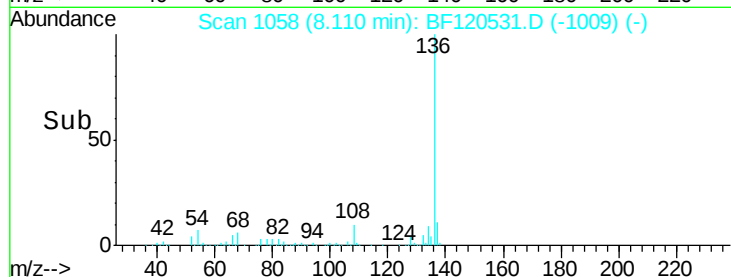


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.445 ng

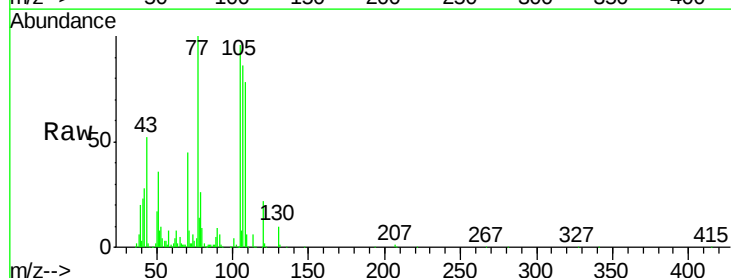
RT: 7.24 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	558093		
71	7.9		5.3	7.9#
51	37.0		31.4	47.0
120	22.7		17.7	26.5

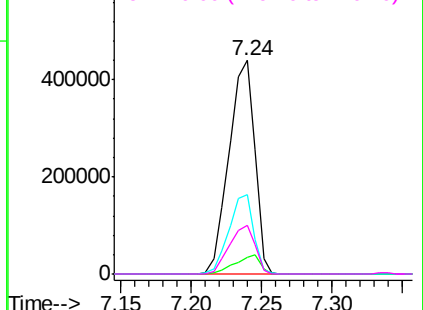
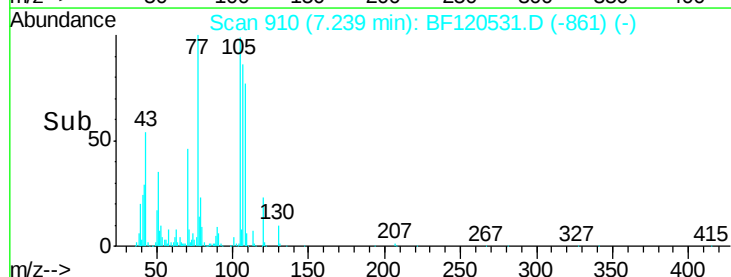


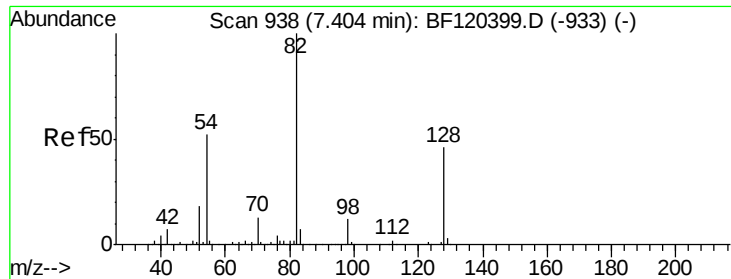
Abundance Ion 105.00 (104.70 to 105.70): E

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





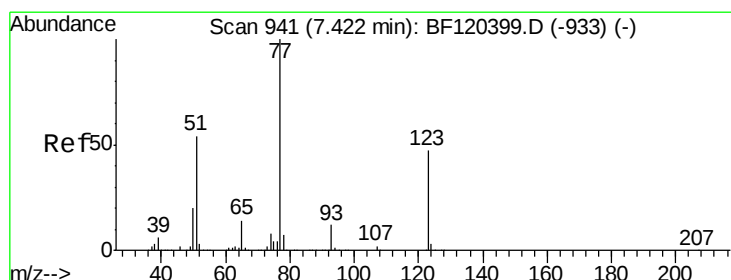
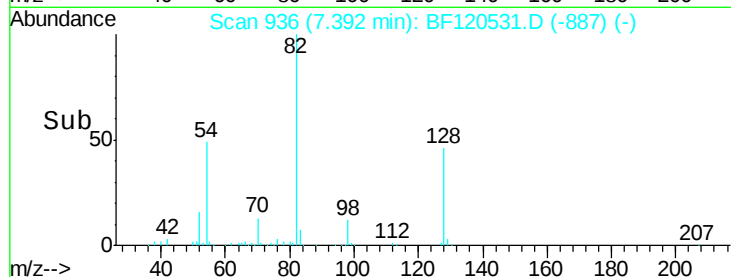
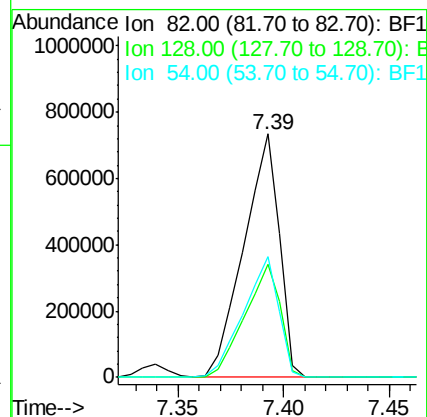
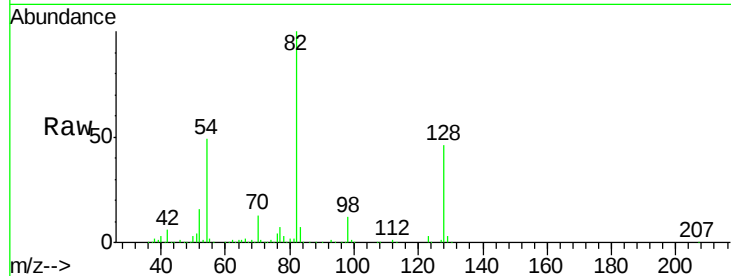
#23
 Nitrobenzene-d5
 Concen: 74.411 ng
 RT: 7.39 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

Instrument :
 BNA_F
 ClientSampleId :
 PB129254BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	857710		
128	46.4		37.4	56.0
54	49.5		40.7	61.1

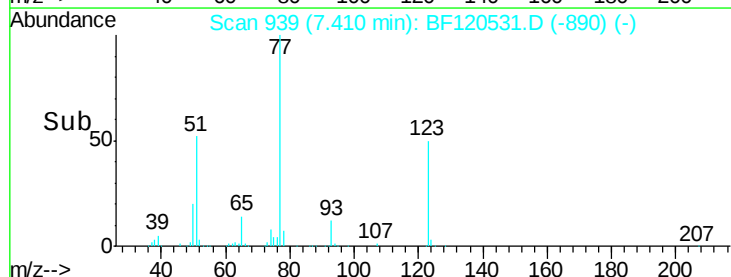
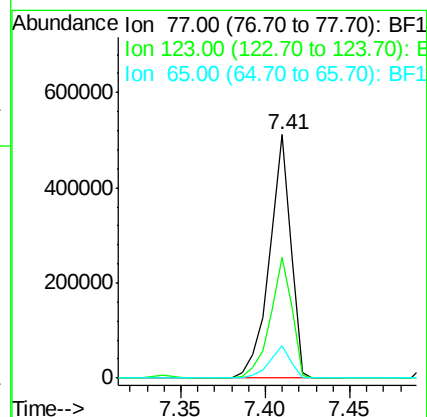
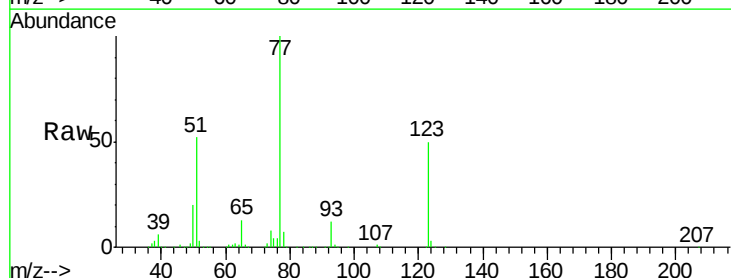
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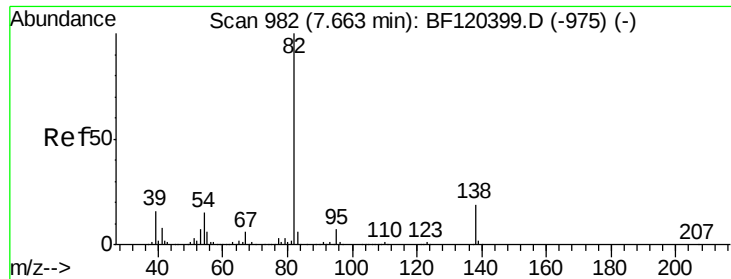
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#24
 Nitrobenzene
 Concen: 35.989 ng
 RT: 7.41 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	446866		
123	49.6		39.0	58.6
65	13.4		11.0	16.6





#25

Isophorone

Concen: 36.064 ng

RT: 7.65 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Instrument :

BNA_F

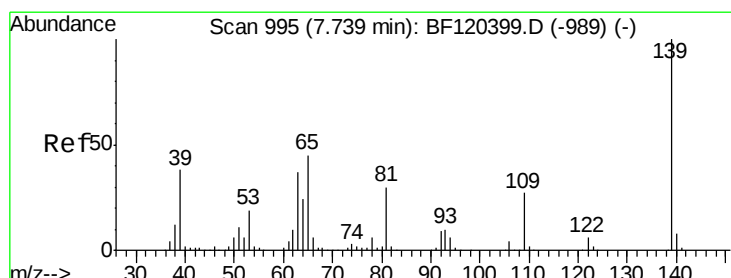
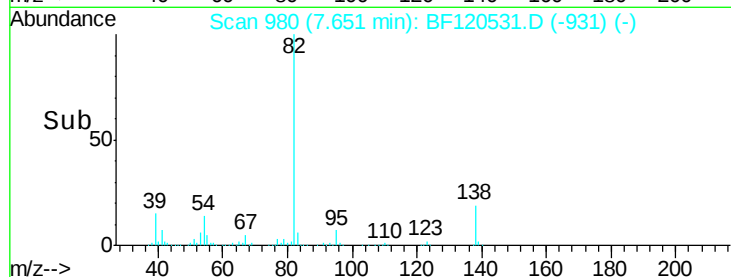
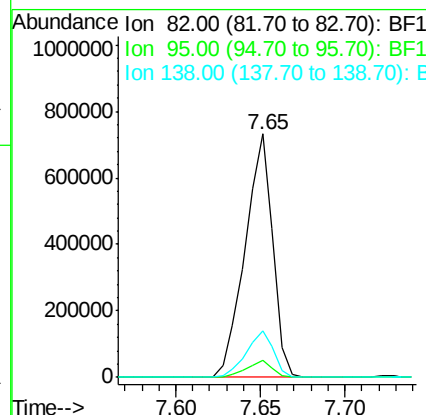
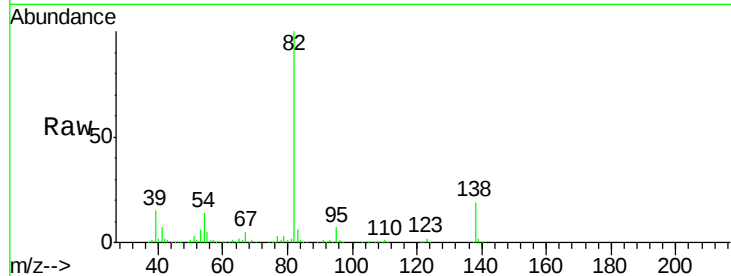
ClientSampleId :

PB129254BS

Tot Ion:	82	Resp:	835503
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.5	8.3
138	19.0	15.0	22.6

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#26

2-Nitrophenol

Concen: 43.748 ng

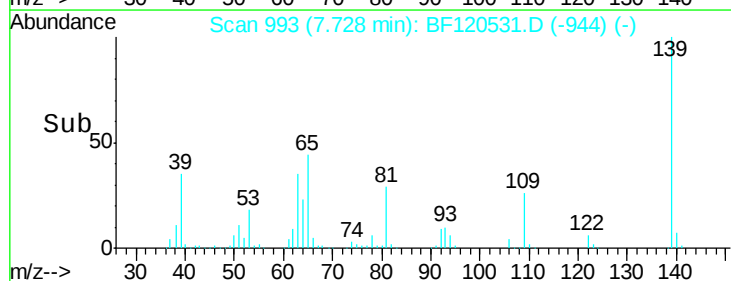
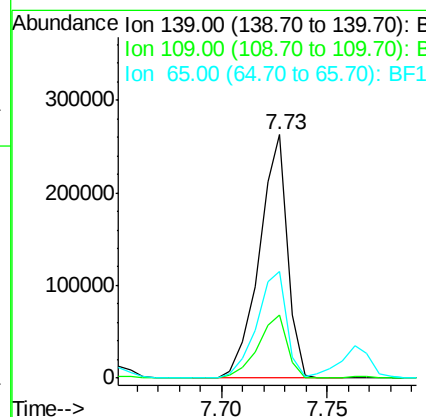
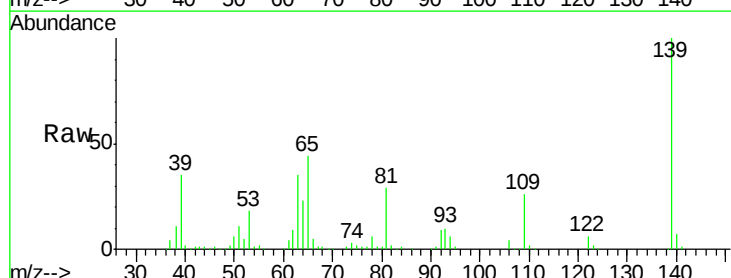
RT: 7.73 min Scan# 993

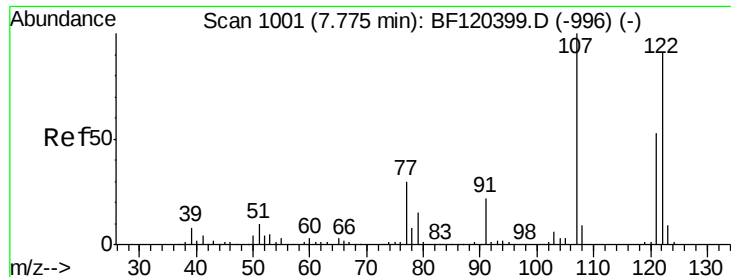
Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Tgt Ion:	139	Resp:	244914
Ion Ratio	Lower	Upper	
139	100		
109	26.1	19.7	29.5
65	43.9	32.8	49.2





#27

2,4-Dimethylphenol

Concen: 40.793 ng

RT: 7.76 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Instrument :

BNA_F

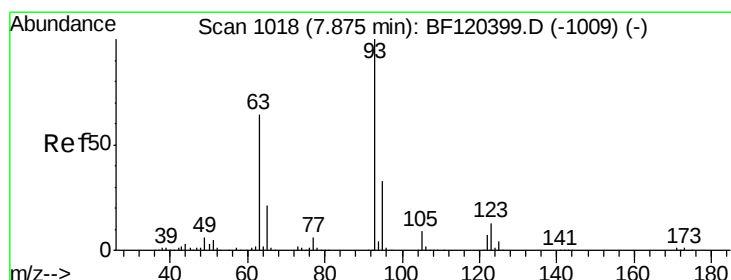
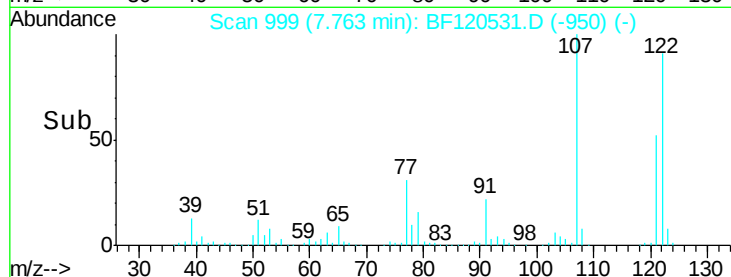
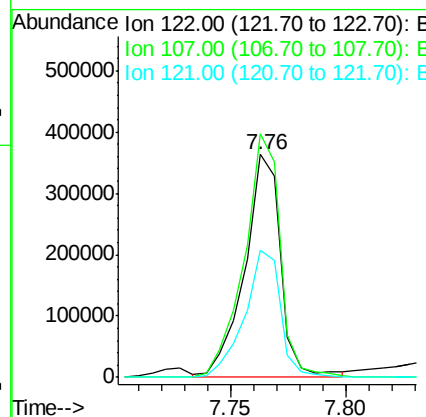
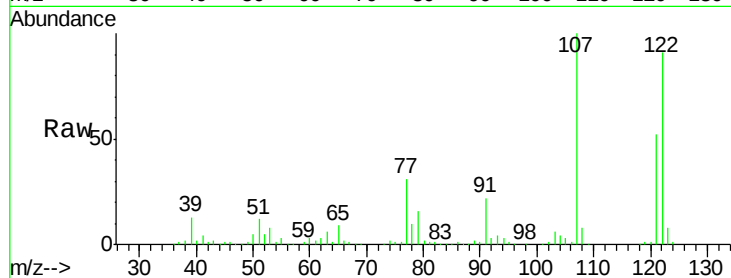
ClientSampleId :

PB129254BS

Tot Ion:	122	Resp:	396591
Ion Ratio	Lower	Upper	
122	100		
107	109.4	88.4	132.6
121	57.0	46.1	69.1

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#28

bis(2-Chloroethoxy)methane

Concen: 37.936 ng

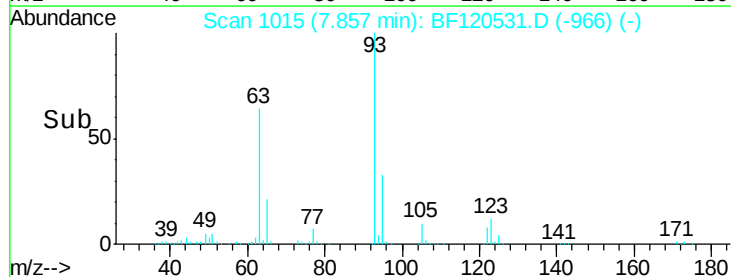
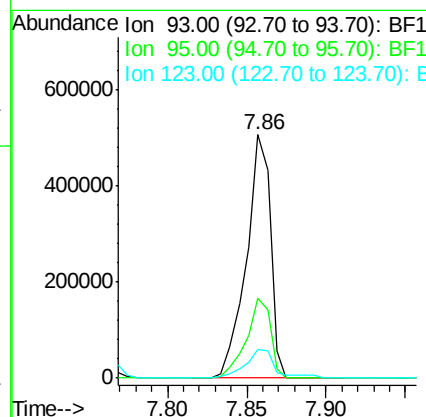
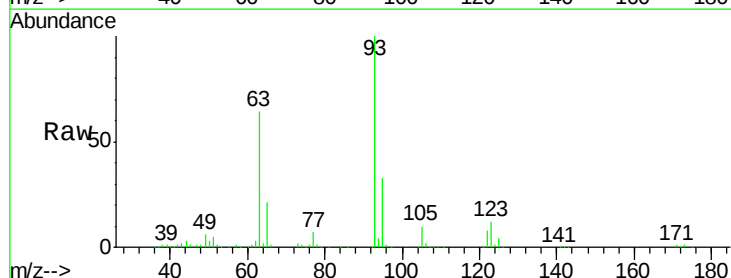
RT: 7.86 min Scan# 1015

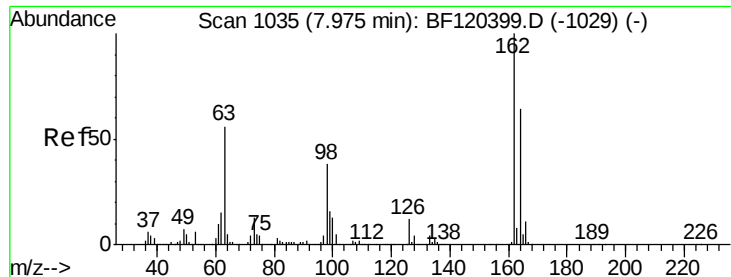
Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Tgt Ion:	93	Resp:	529259
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.4	39.6
123	11.9	9.6	14.4





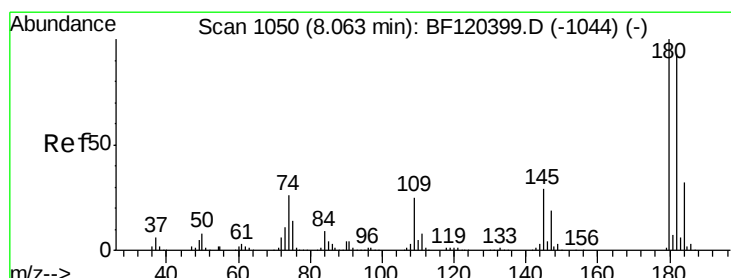
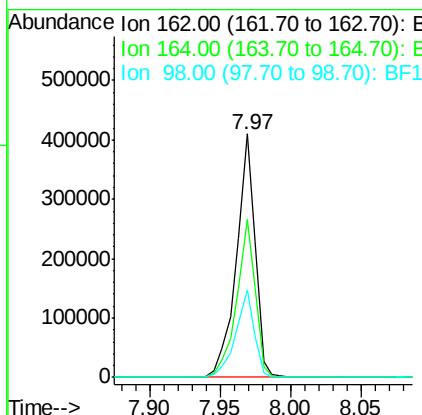
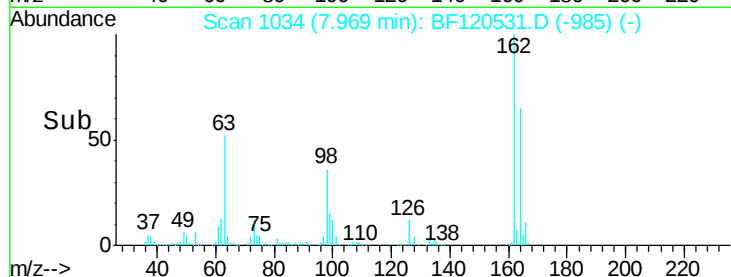
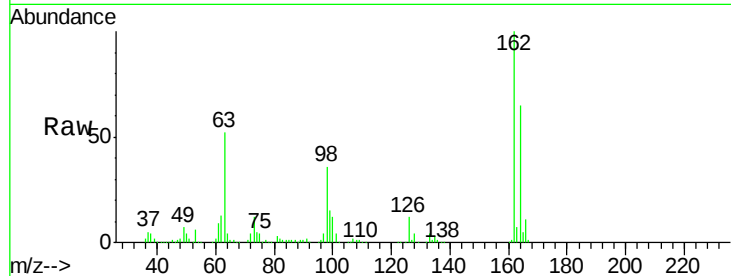
#29
2,4-Dichlorophenol
Concen: 38.594 ng
RT: 7.97 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Instrument :
BNA_F
ClientSampleID :
PB129254BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.6	44.4	84.4
98	36.2	16.5	56.5

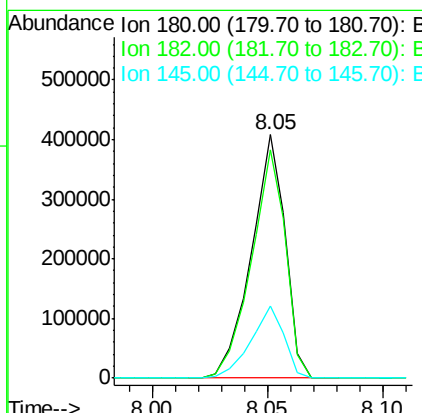
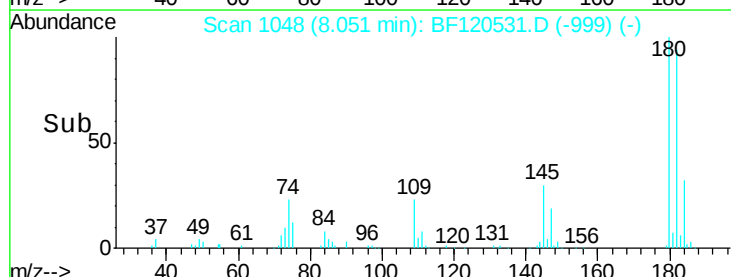
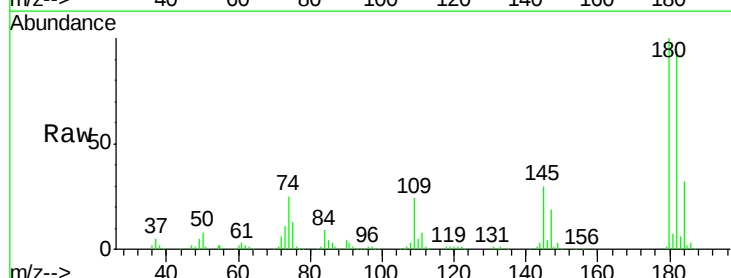
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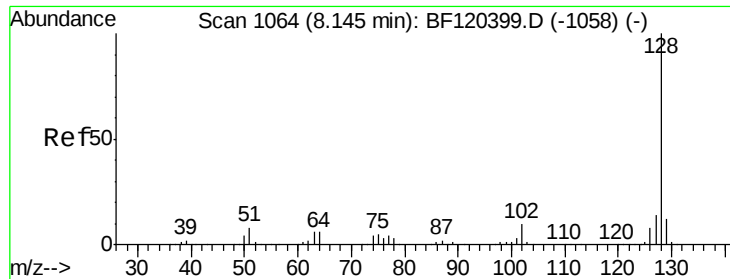
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#30
1,2,4-Trichlorobenzene
Concen: 37.652 ng
RT: 8.05 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.6	75.7	113.5
145	29.7	23.5	35.3





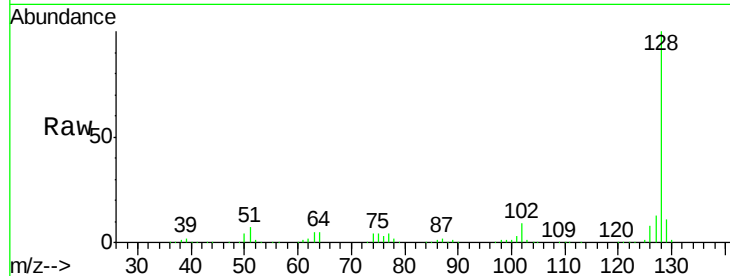
#31
Naphthalene
Concen: 35.271 ng
RT: 8.13 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Instrument :
BNA_F
ClientSampleId :
PB129254BS

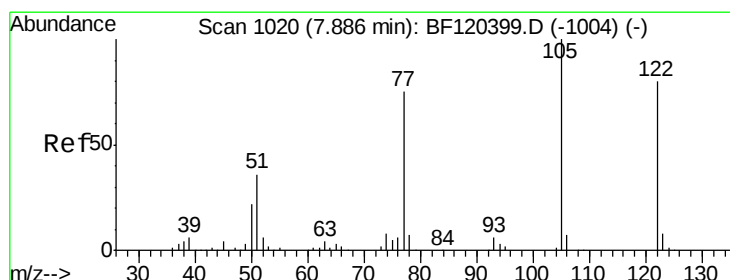
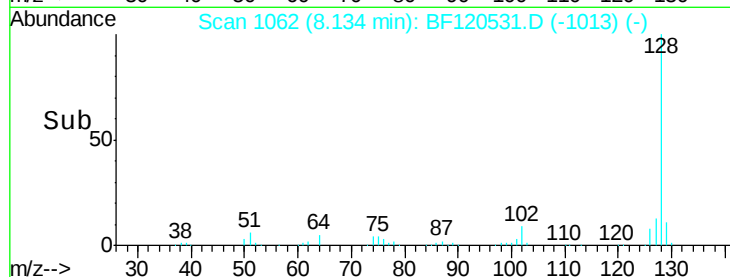
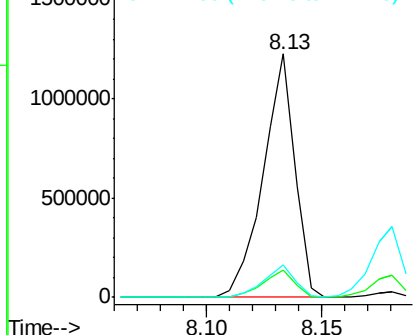
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.2	13.8
127	13.4	11.0	16.6

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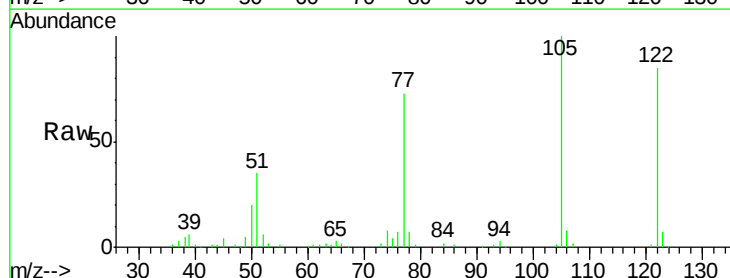


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

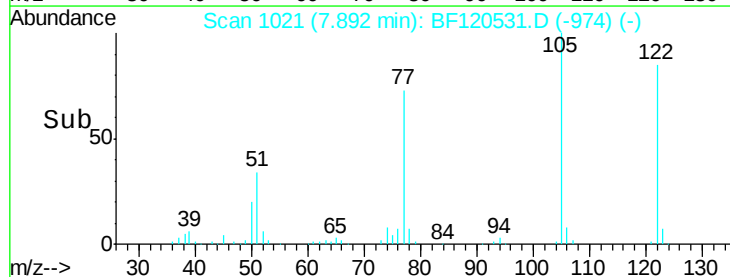
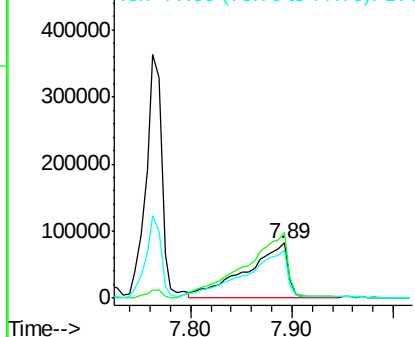


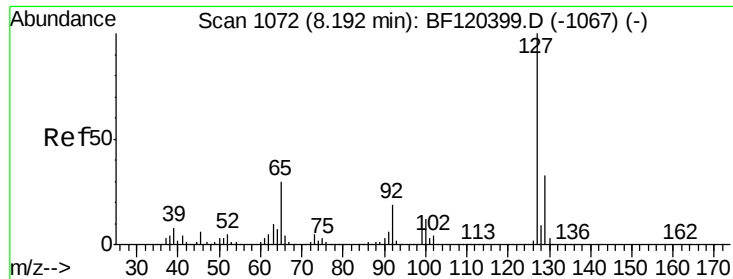
#32
Benzoic acid
Concen: 32.549 ng
RT: 7.89 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.9	100.7	140.7
77	85.6	68.3	108.3



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





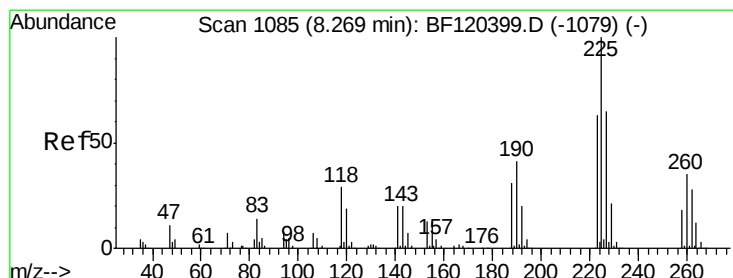
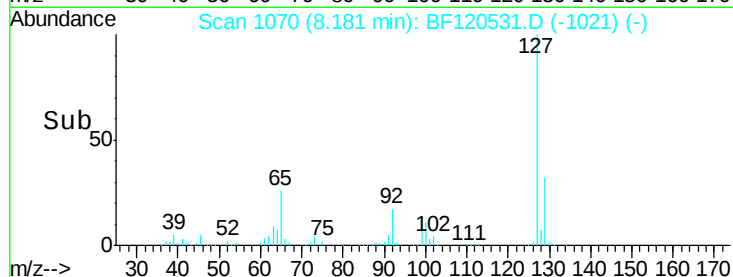
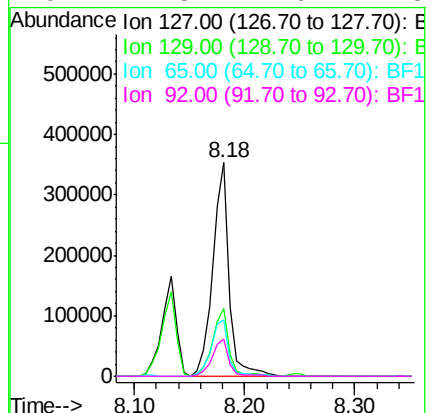
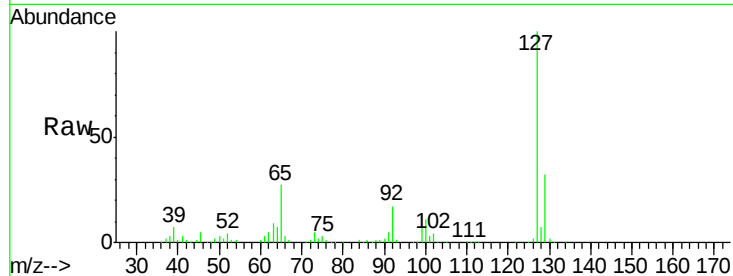
#33
4-Chloroaniline
Concen: 24.151 ng
RT: 8.18 min Scan# 1070
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Instrument :
BNA_F
ClientSampleId :
PB129254BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	25.8	38.8		
65	26.6	22.7	34.1		
92	17.3	14.6	21.8		

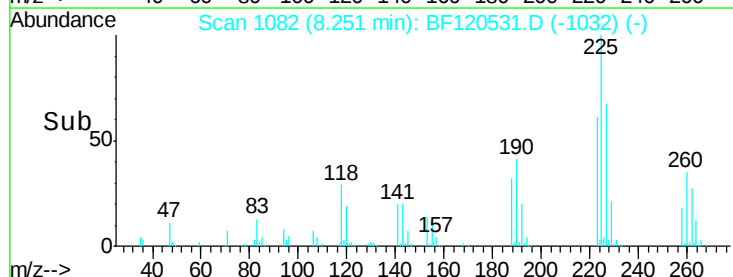
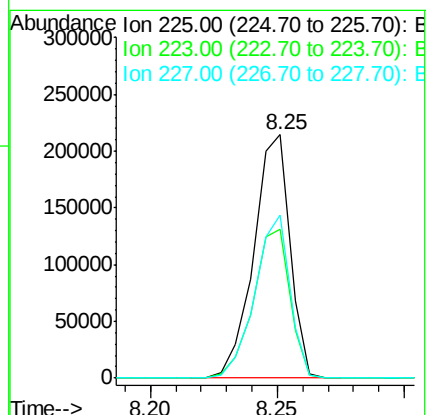
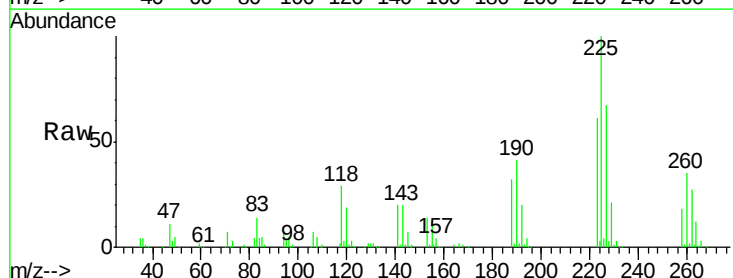
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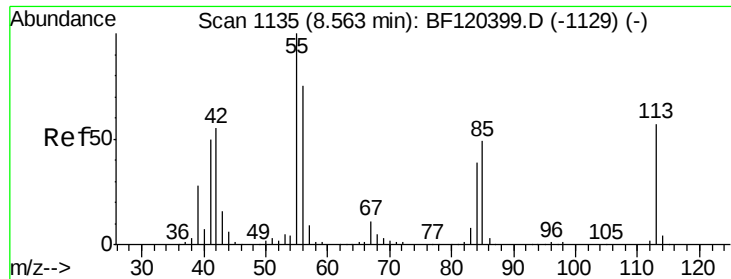
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#34
Hexachlorobutadiene
Concen: 32.895 ng
RT: 8.25 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.3	51.5	77.3		
227	66.8	51.9	77.9		





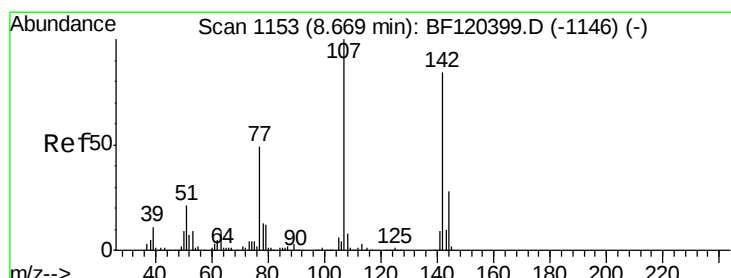
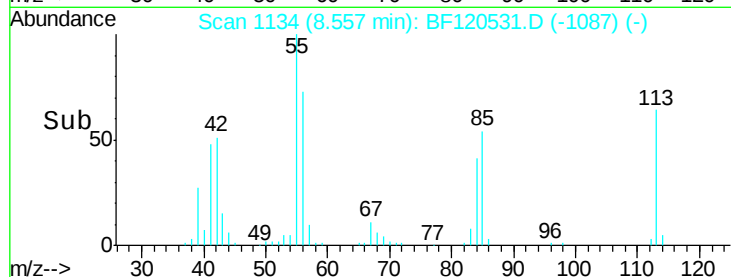
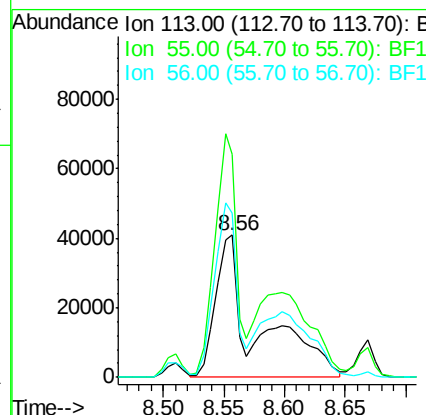
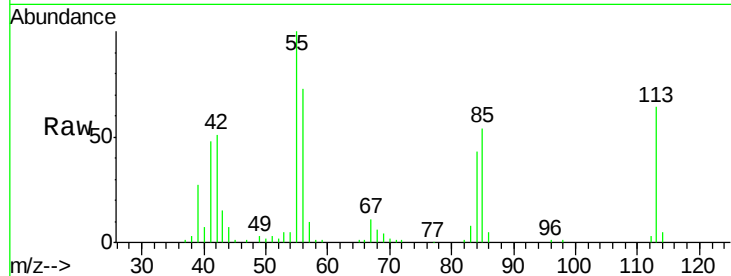
#35
Caprolactam
Concen: 30.428 ng/ml
RT: 8.56 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Instrument :
BNA_F
ClientSampleId :
PB129254BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	156.9	132.3	172.3
56	115.0	92.2	132.2

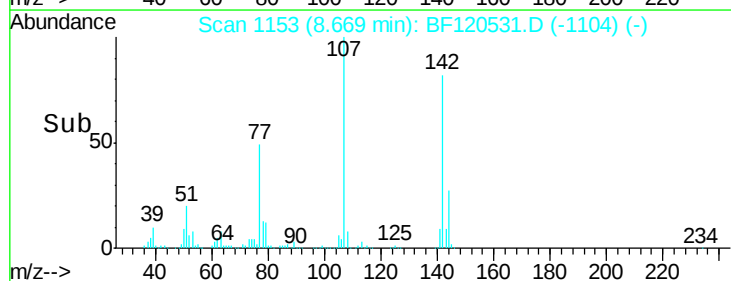
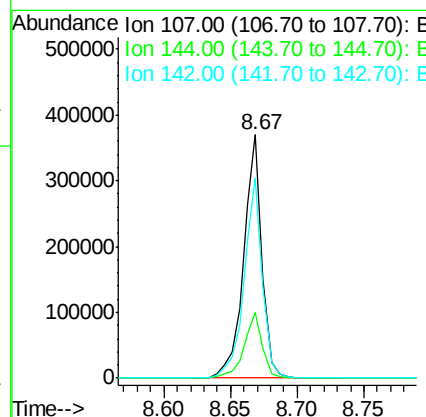
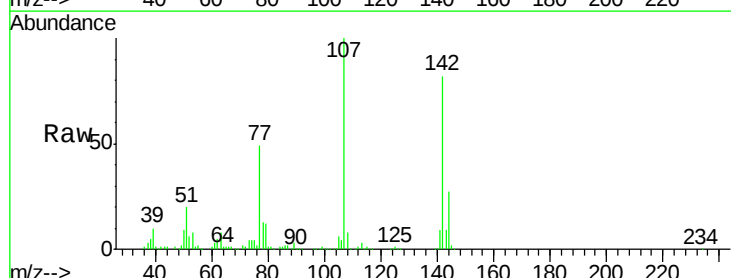
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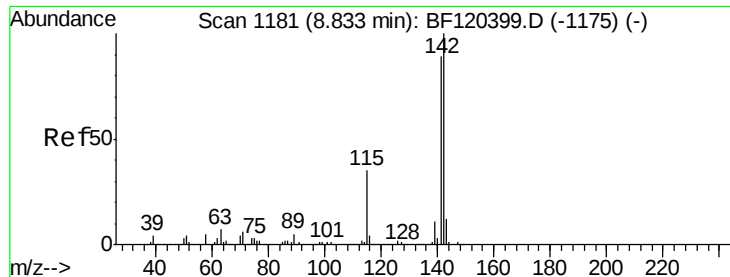
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#36
4-Chloro-3-methylphenol
Concen: 35.225 ng/ml
RT: 8.67 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.1	22.5	33.7
142	82.1	69.2	103.8





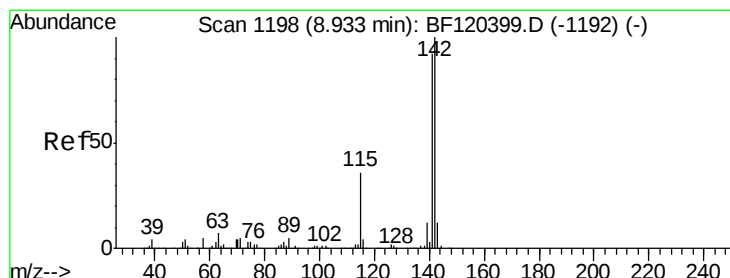
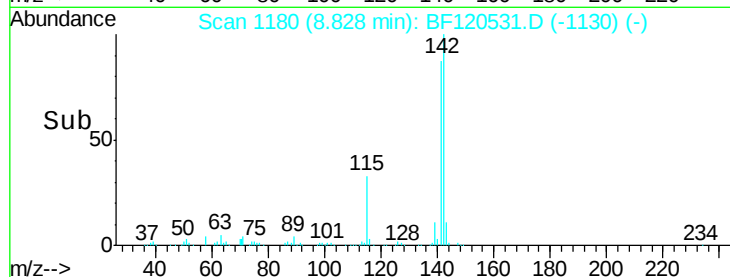
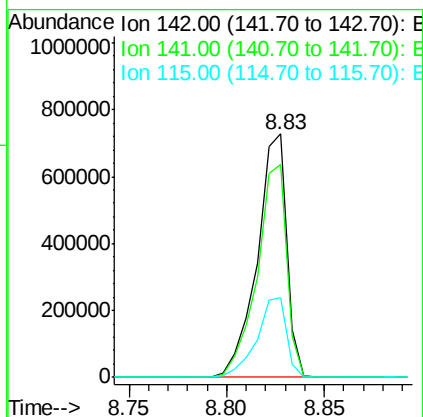
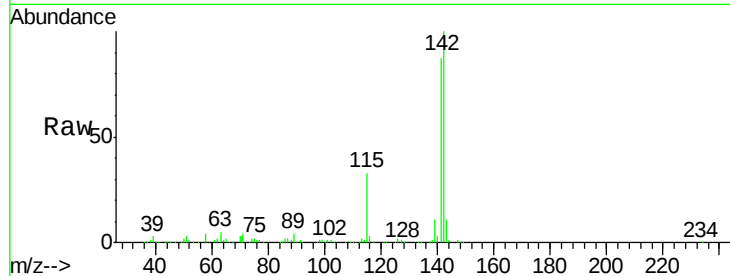
#37
2-Methylnaphthalene
Concen: 34.872 ng
RT: 8.83 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Instrument :
BNA_F
ClientSampleId :
PB129254BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.6	106.0
115	32.6	27.5	41.3

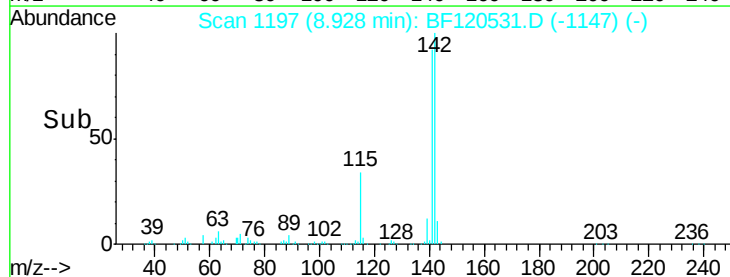
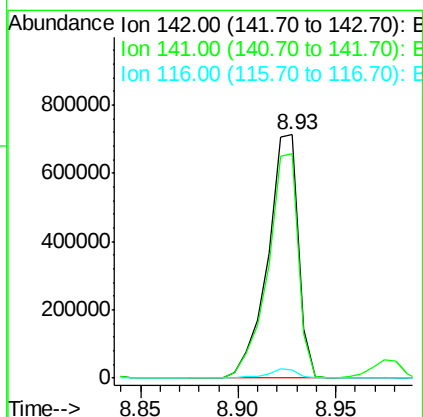
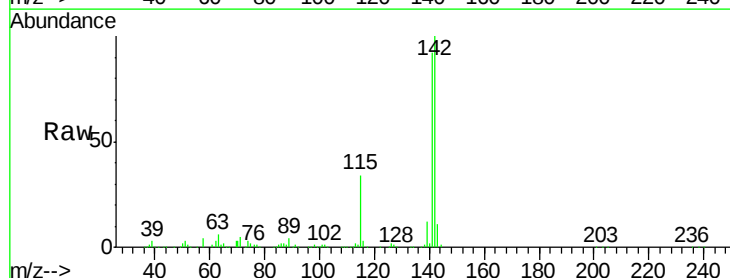
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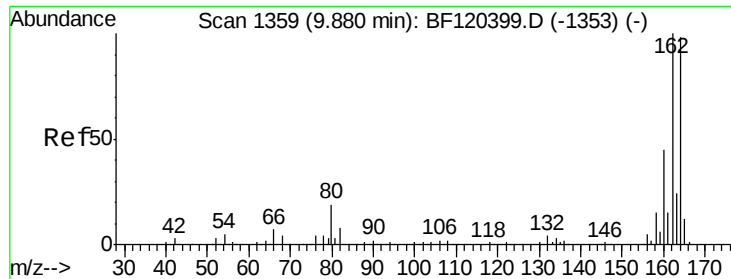
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#38
1-Methylnaphthalene
Concen: 37.525 ng
RT: 8.93 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.5	110.3
116	3.5	3.0	4.6





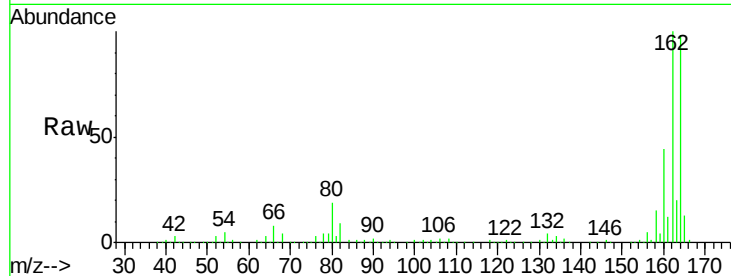
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Instrument :
BNA_F
ClientSampleId :
PB129254BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.8	122.6
160	44.9	37.3	55.9

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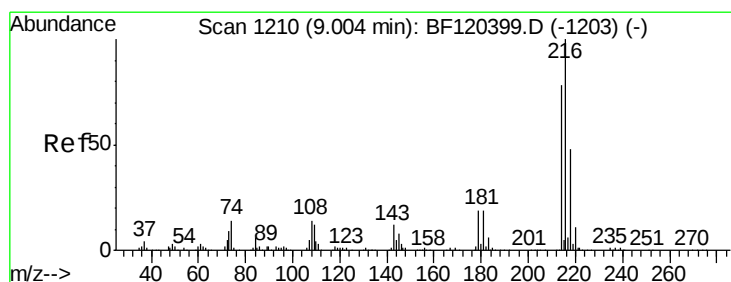
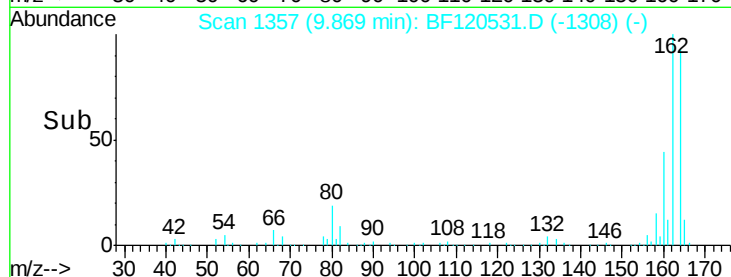
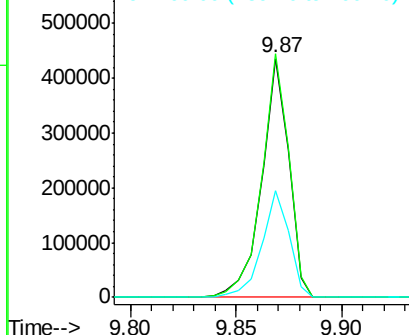


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.378 ng
RT: 8.99 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.5	62.6	93.8
179	20.6	16.4	24.6
108	20.2	14.7	22.1

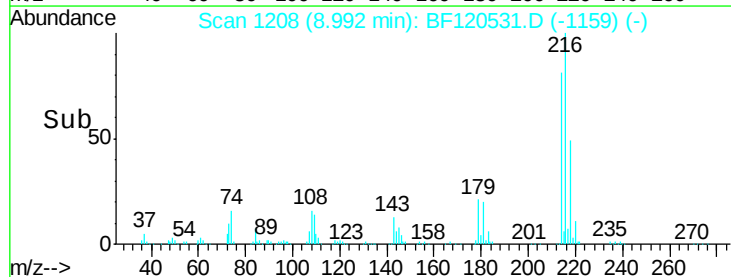
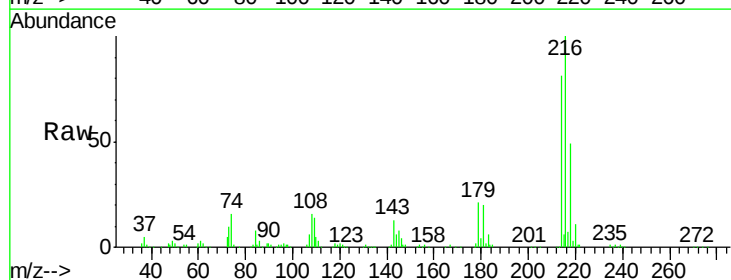
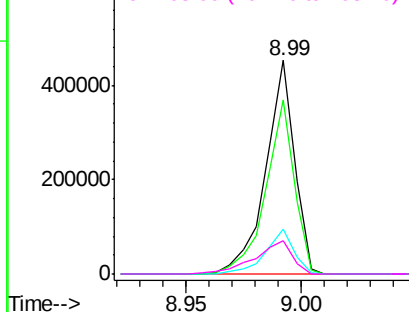
Abundance

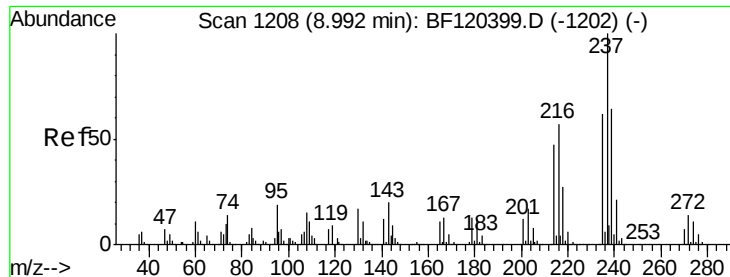
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





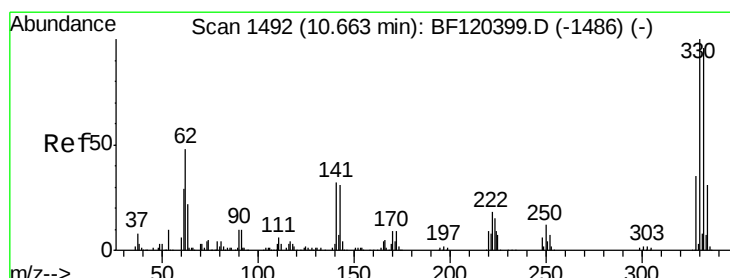
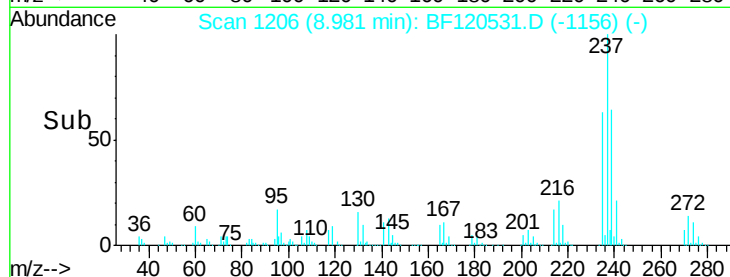
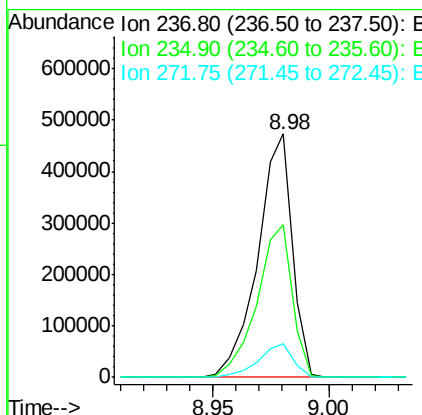
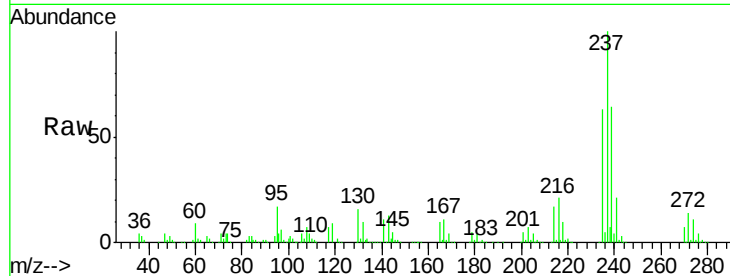
#41
Hexachlorocyclopentadiene
Concen: 88.342 ng
RT: 8.98 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Instrument :
BNA_F
ClientSampleId :
PB129254BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	493631		
235	62.9		44.1	84.1
272	14.0		0.0	33.6

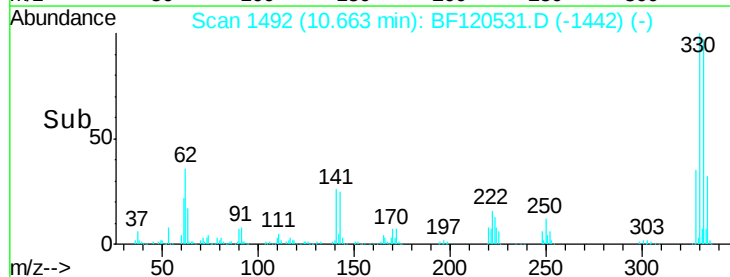
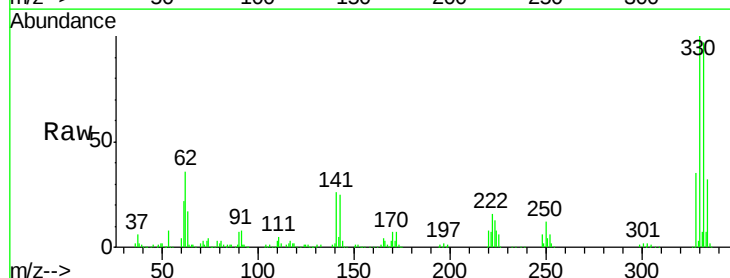
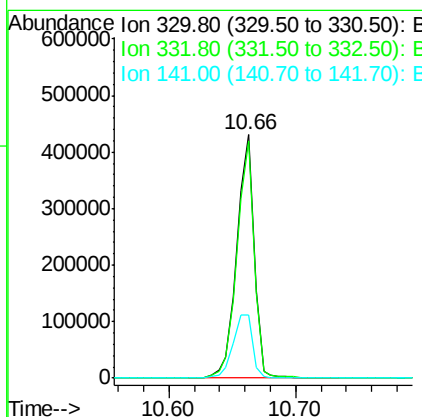
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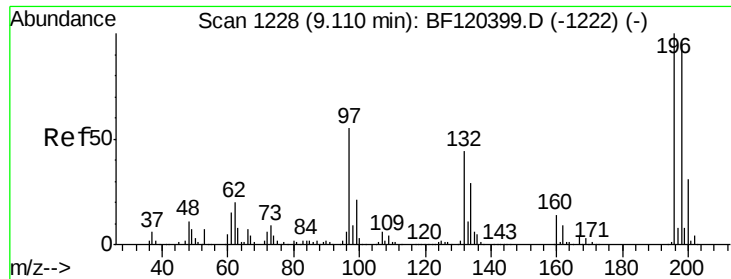
mohammad
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#42
2,4,6-Tribromophenol
Concen: 112.201 ng
RT: 10.66 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	405870		
332	96.9		77.4	116.2
141	29.3		23.5	35.3





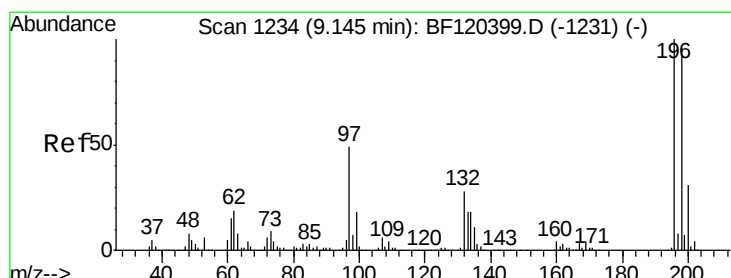
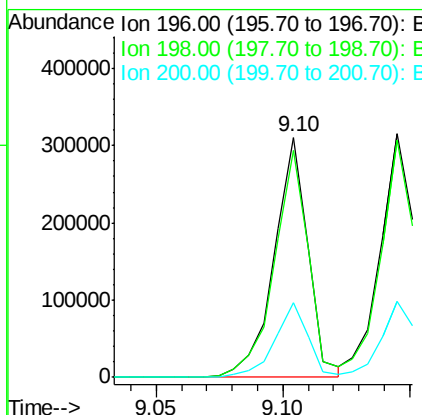
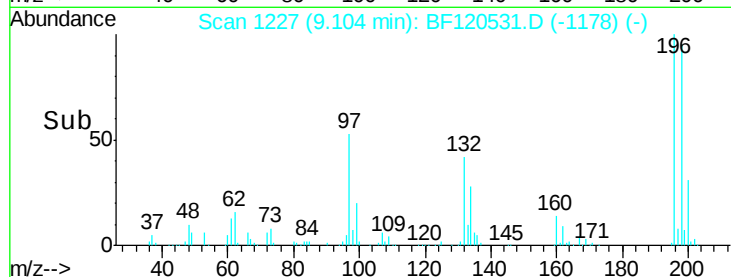
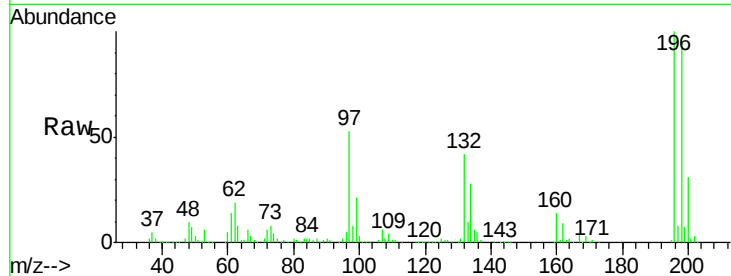
#43
 2,4,6-Trichlorophenol
 Concen: 39.680 ng
 RT: 9.10 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

Instrument :
 BNA_F
 ClientSampleId :
 PB129254BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	287322		
198	94.5	76.6	115.0	
200	31.0	24.9	37.3	

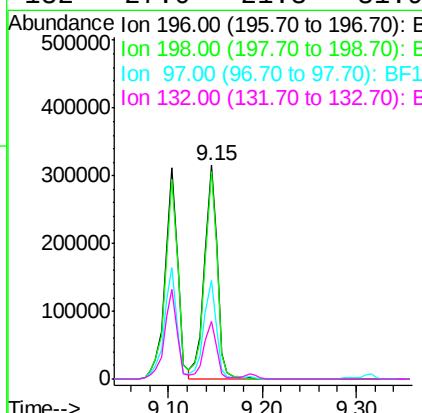
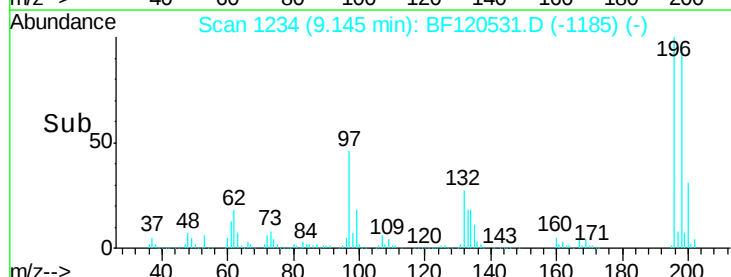
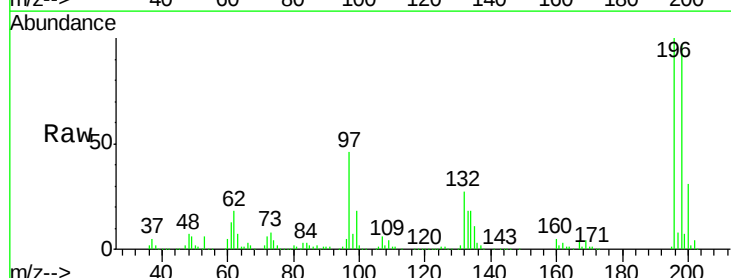
Manual Integrations
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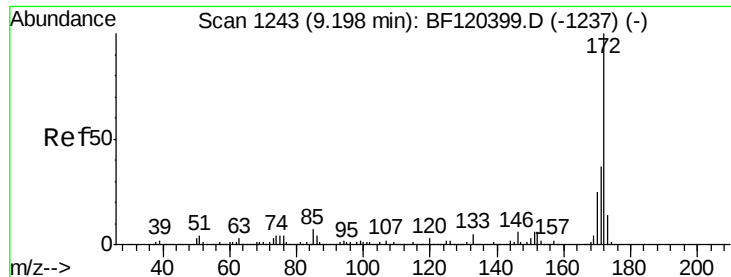
mohammad
 6/5/2020 11:57:13 AM



#44
 2,4,5-Trichlorophenol
 Concen: 36.791 ng
 RT: 9.15 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	301981		
198	97.2	76.7	115.1	
97	46.4	36.3	54.5	
132	27.0	21.3	31.9	





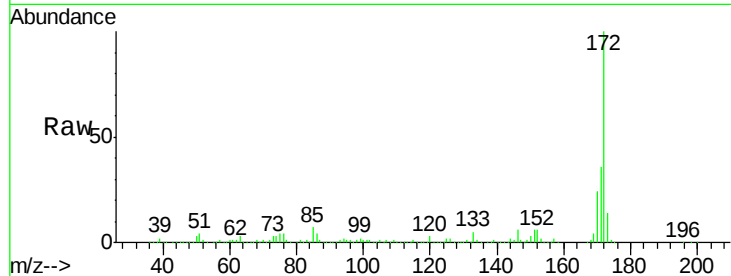
#45
2-Fluorobiphenyl
Concen: 71.125 ng
RT: 9.19 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Instrument :
BNA_F
ClientSampleId :
PB129254BS

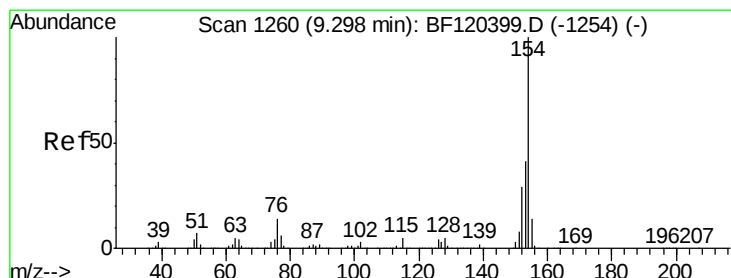
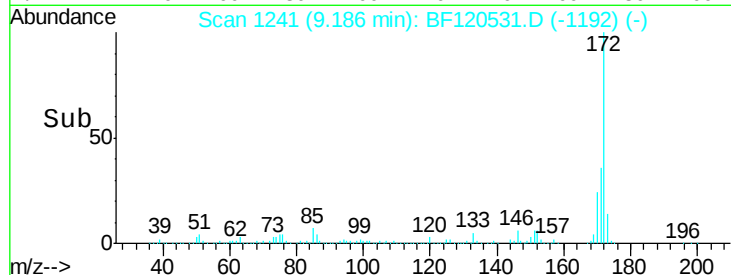
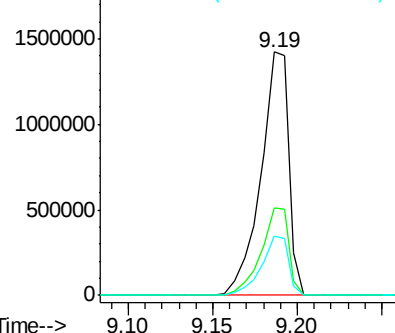
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	24.2	20.1	30.1

Manual Integrations
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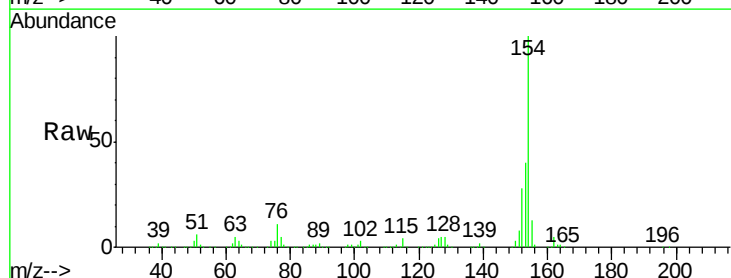


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

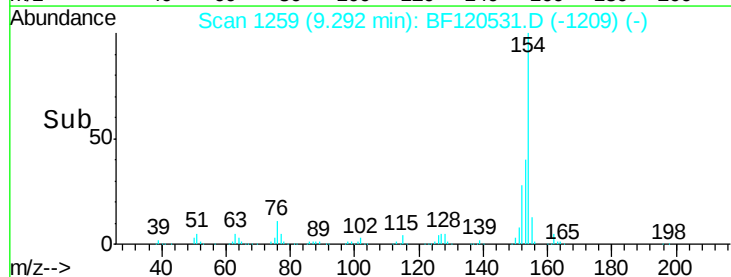
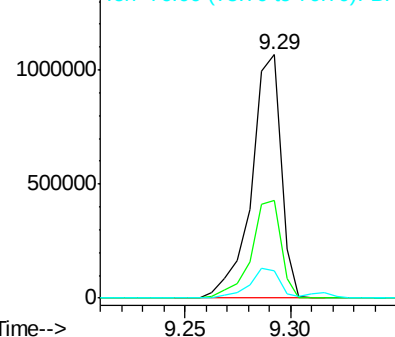


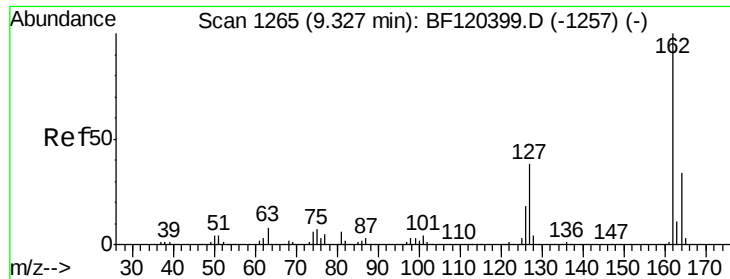
#46
1,1'-Biphenyl
Concen: 40.611 ng
RT: 9.29 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.5	61.5
76	11.2	0.0	33.0



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





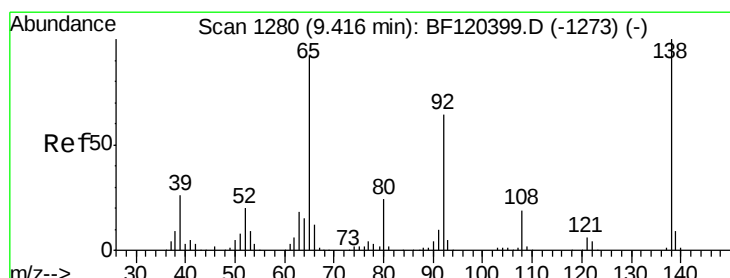
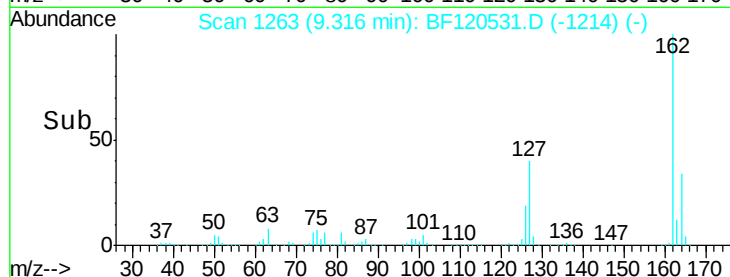
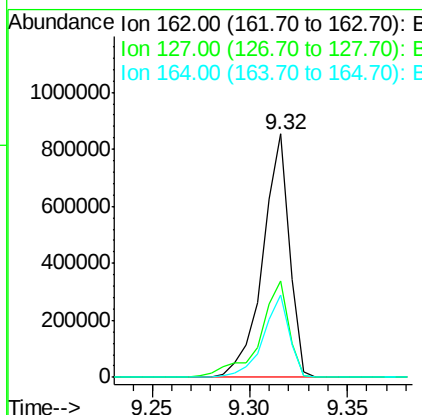
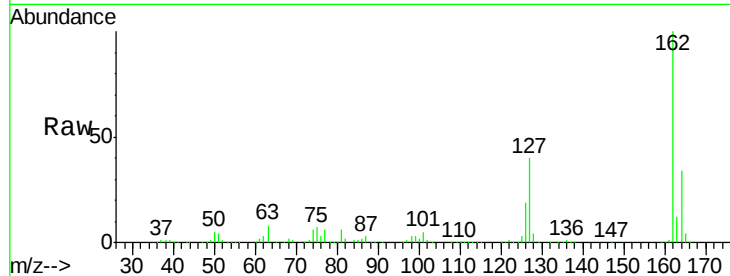
#47
 2-Chloronaphthalene
 Concen: 38.051 ng
 RT: 9.32 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

Instrument :
 BNA_F
 ClientSampleId :
 PB129254BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	803588		
127	39.6		31.4	47.2
164	33.6		27.2	40.8

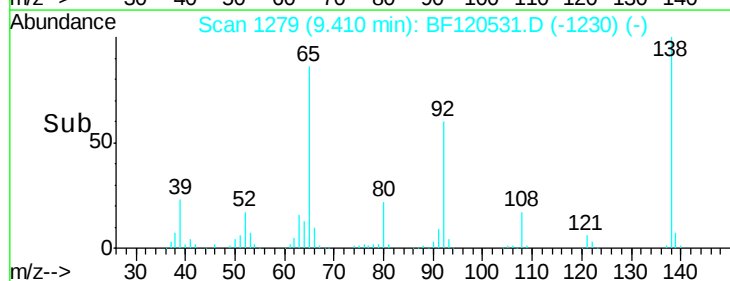
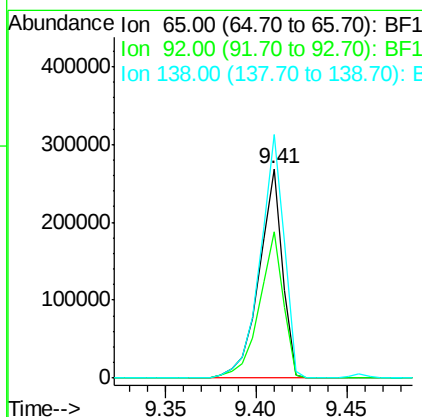
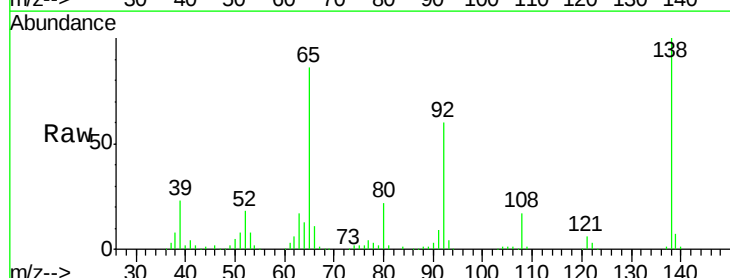
Manual Integrations
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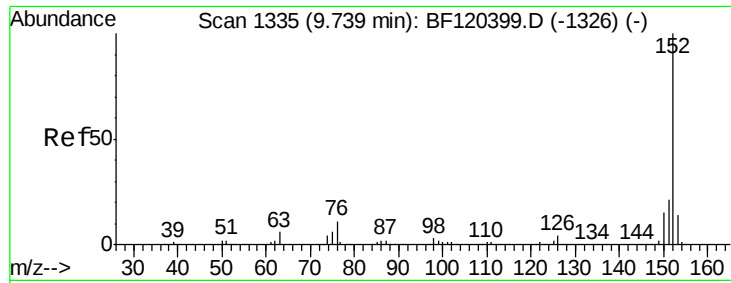
mohammad
 6/5/2020 11:57:13 AM



#48
 2-Nitroaniline
 Concen: 37.595 ng
 RT: 9.41 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	241828		
92	69.8		58.5	87.7
138	116.3		97.2	145.8





#49

Acenaphthylene

Concen: 39.375 ng

RT: 9.73 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Instrument :

BNA_F

ClientSampleId :

PB129254BS

Tot Ion:152 Resp: 1285016

Ion Ratio Lower Upper

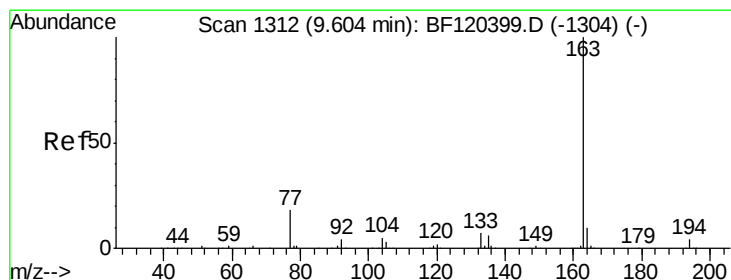
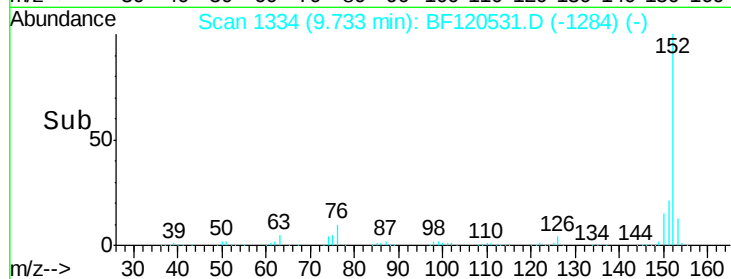
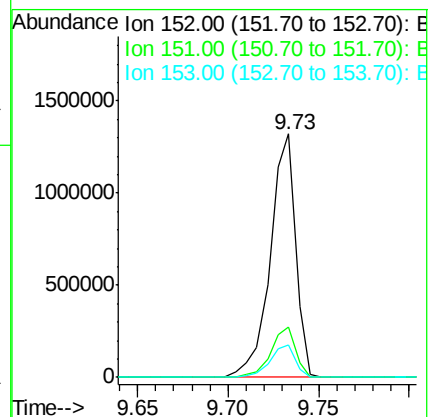
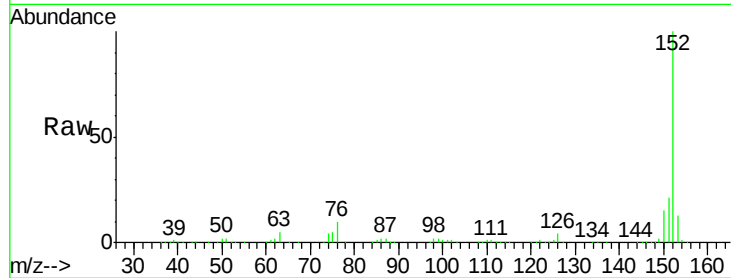
152 100

151 20.6 16.5 24.7

153 13.2 11.0 16.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 37.883 ng

RT: 9.59 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

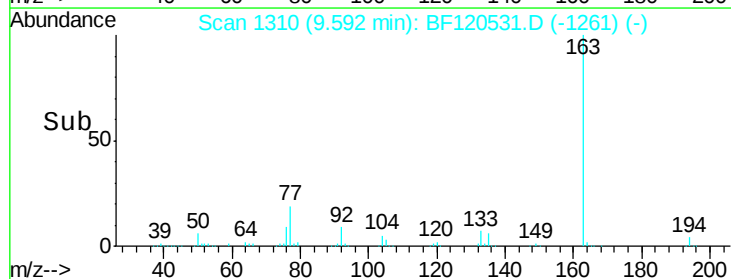
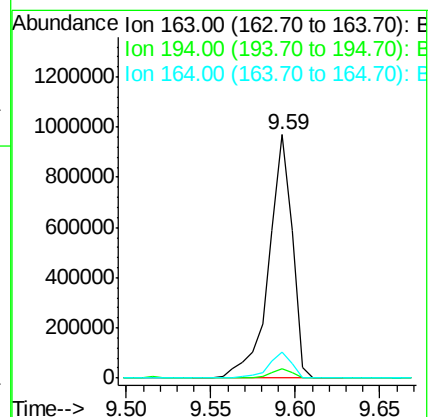
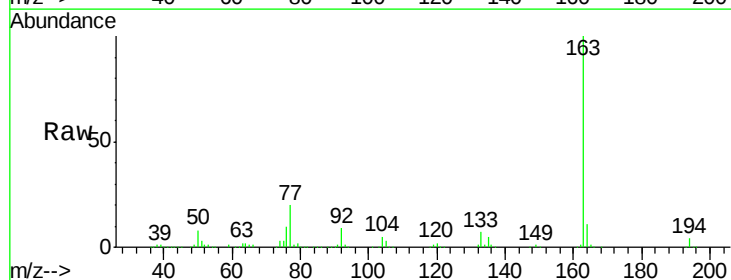
Tgt Ion:163 Resp: 924624

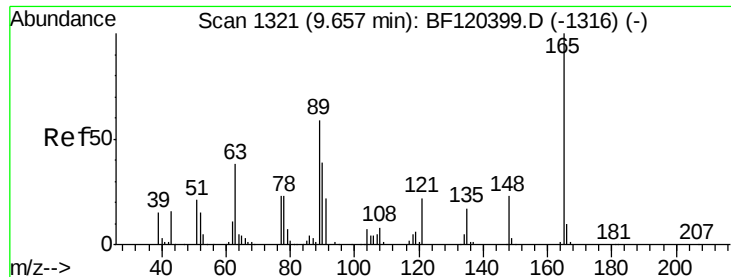
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.6 8.2 12.4





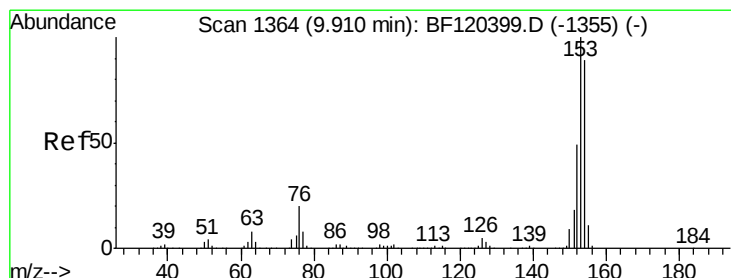
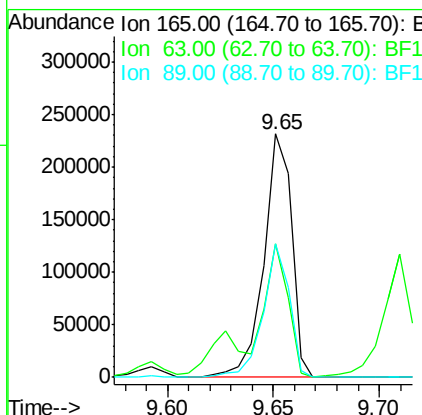
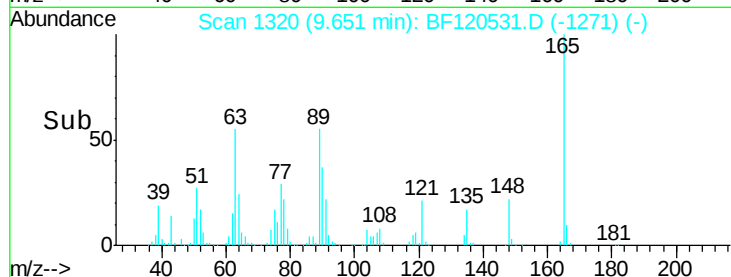
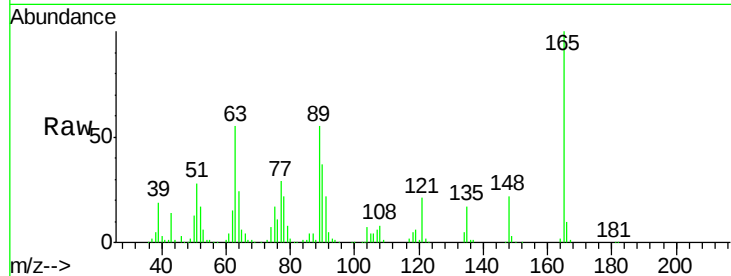
#51
 2,6-Dinitrotoluene
 Concen: 39.106 ng
 RT: 9.65 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

Instrument :
 BNA_F
 ClientSampleId :
 PB129254BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	212118		
63	54.6	43.0	64.6	
89	55.1	43.8	65.6	

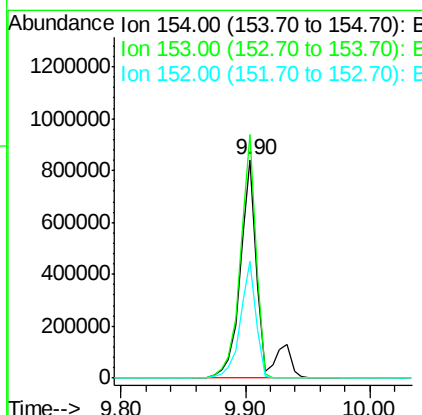
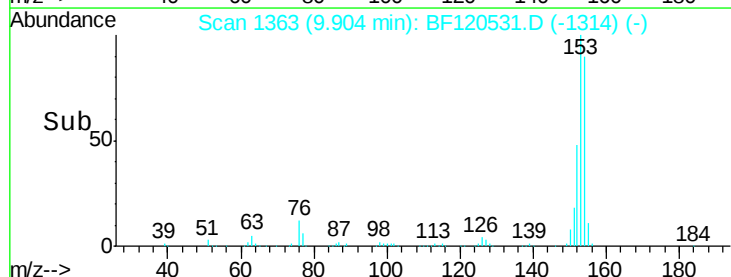
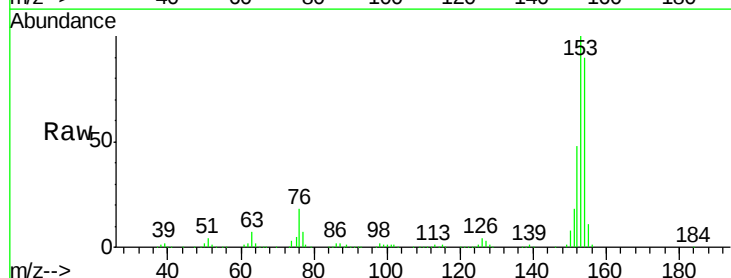
Manual Integrations
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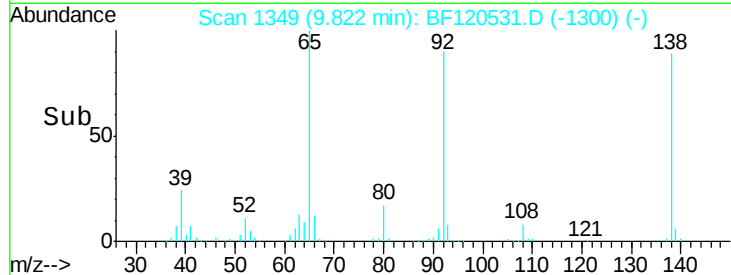
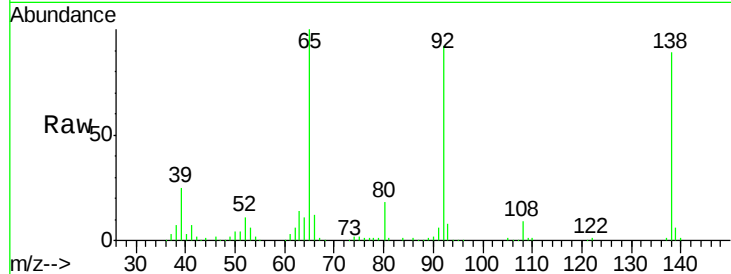
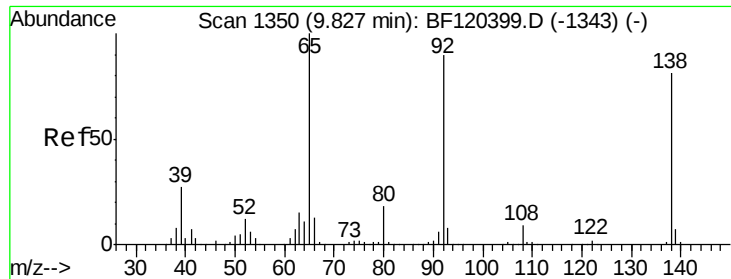
mohammad
 6/5/2020 11:57:13 AM



#52
 Acenaphthene
 Concen: 42.489 ng m
 RT: 9.90 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	865418		
153	111.5	89.8	134.8	
152	53.8	43.8	65.6	





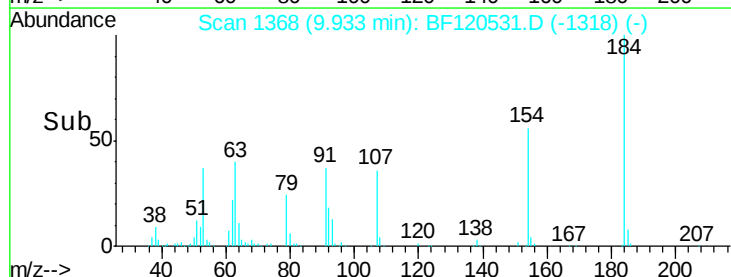
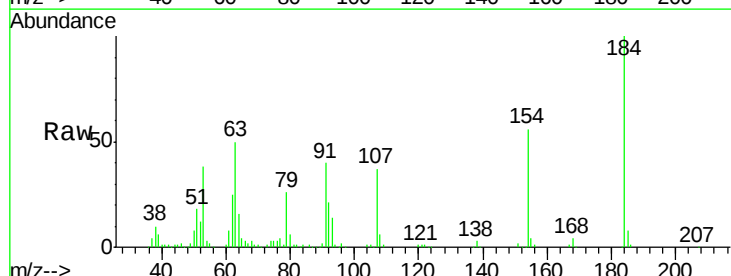
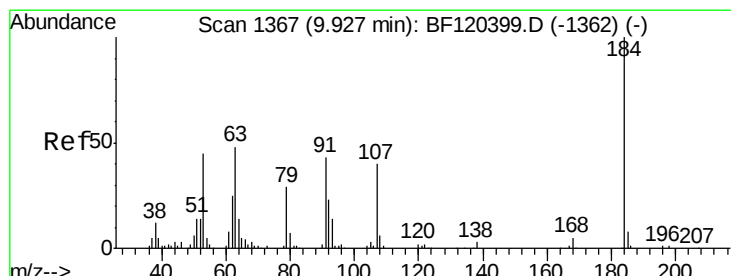
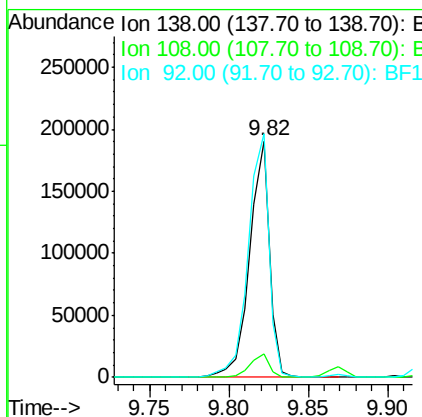
#53
3-Nitroaniline
Concen: 25.913 ng
RT: 9.82 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.9	11.9
92	103.2	86.4	129.6

Instrument :
BNA_F
ClientSampleId :
PB129254BS

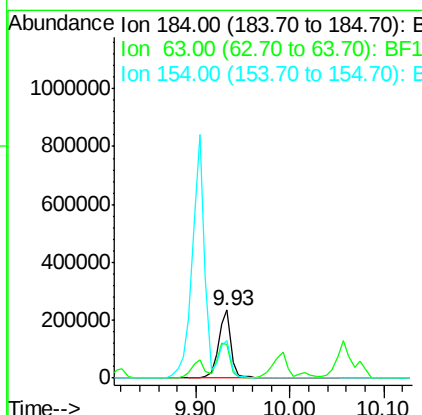
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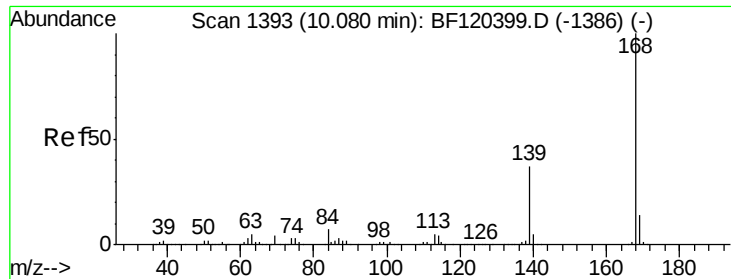
mohammad
6/5/2020 11:57:13 AM



#54
2,4-Dinitrophenol
Concen: 99.006 ng
RT: 9.93 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Tgt Ion	Ratio	Lower	Upper
184	100		
63	49.5	42.0	63.0
154	55.6	44.5	66.7





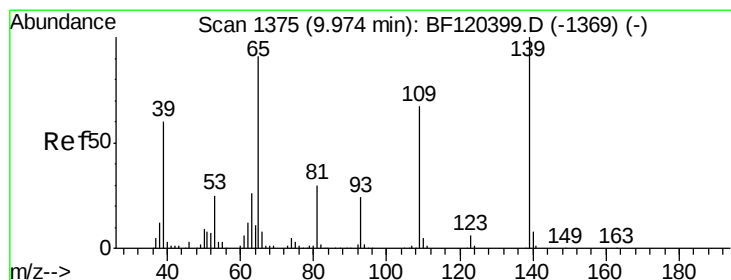
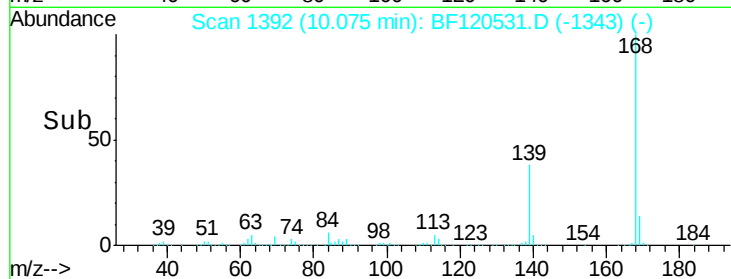
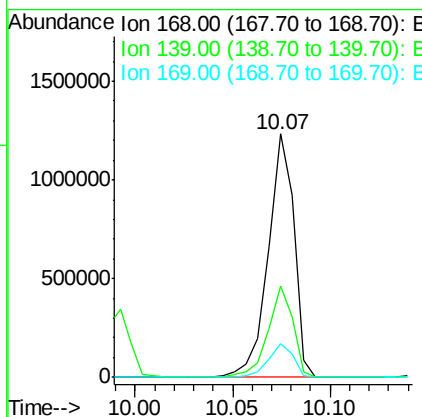
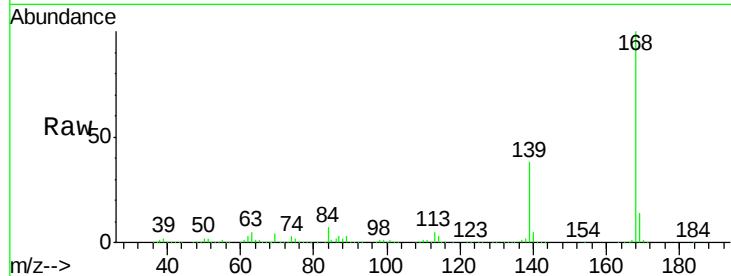
#55
Dibenzofuran
Concen: 38.420 ng
RT: 10.07 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Instrument :
BNA_F
ClientSampleId :
PB129254BS

Tot Ion:168 Resp: 1137174
Ion Ratio Lower Upper
168 100
139 37.6 29.0 43.4
169 14.1 11.0 16.4

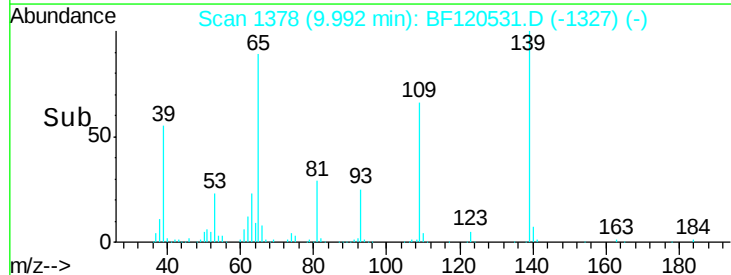
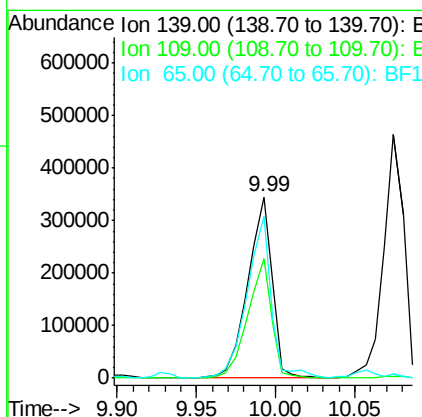
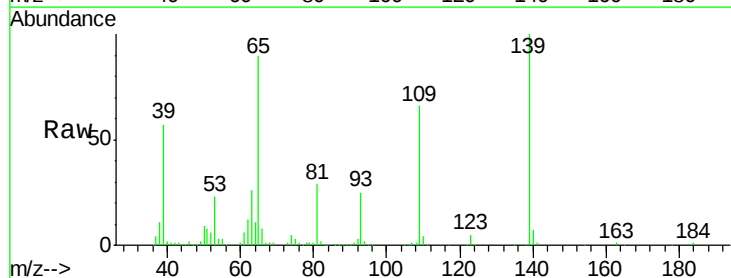
Manual Integrations
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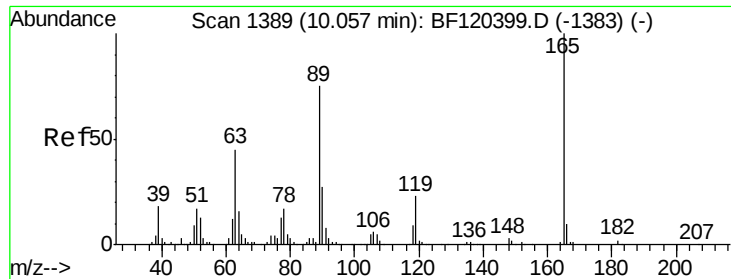
mohammad
6/5/2020 11:57:13 AM



#56
4-Nitrophenol
Concen: 75.336 ng
RT: 9.99 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Tgt Ion:139 Resp: 367369
Ion Ratio Lower Upper
139 100
109 66.3 47.8 87.8
65 89.6 72.0 112.0





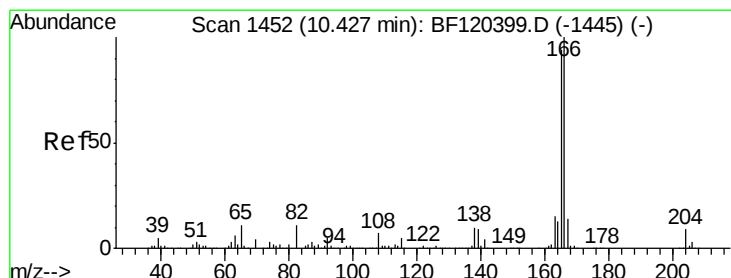
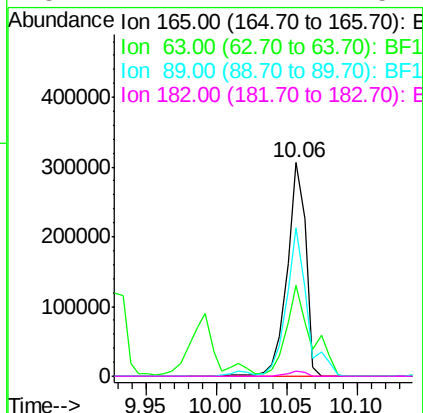
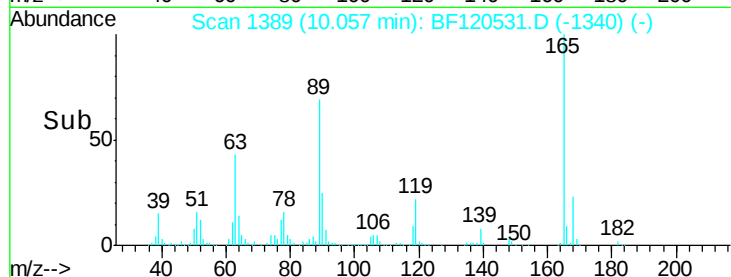
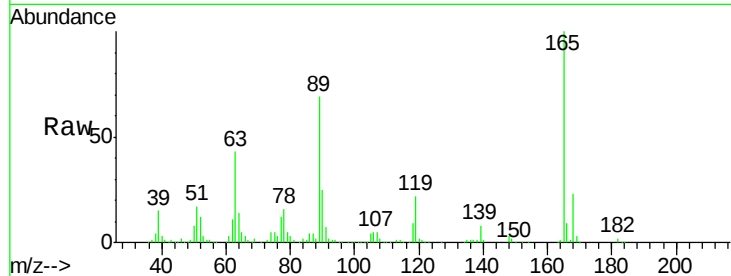
#57
2,4-Dinitrotoluene
Concen: 40.453 ng
RT: 10.06 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Instrument :
BNA_F
ClientSampleId :
PB129254BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	280824		
63	42.8	33.4	50.0	
89	69.5	54.7	82.1	
182	2.4	2.1	3.1	

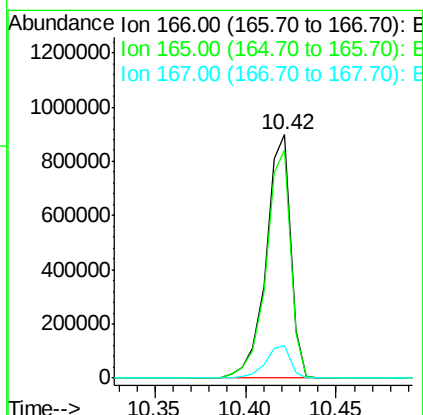
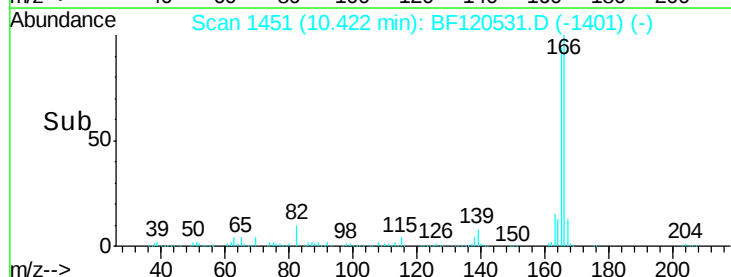
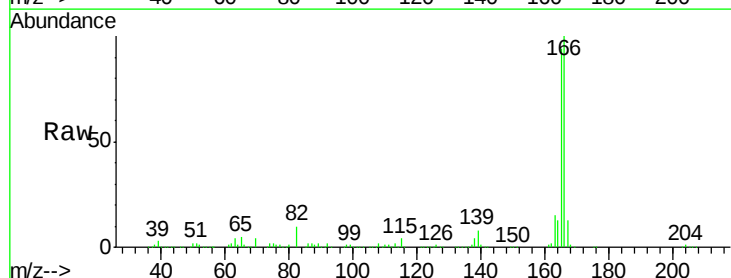
Manual Integrations
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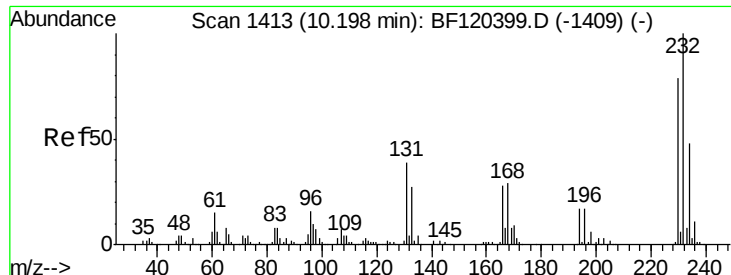
mohammad
6/5/2020 11:57:13 AM



#58
Fluorene
Concen: 38.138 ng
RT: 10.42 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	847102		
165	93.5	75.8	113.8	
167	13.3	11.1	16.7	





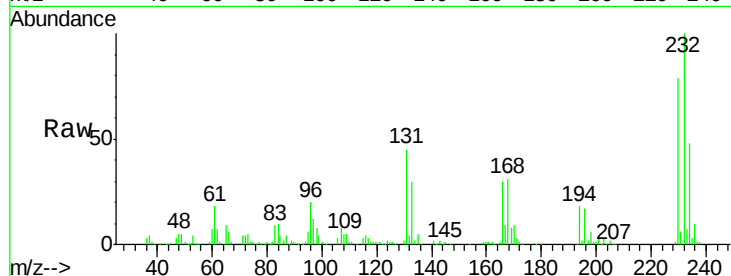
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.817 ng
 RT: 10.19 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

Instrument :
 BNA_F
 ClientSampleId :
 PB129254BS

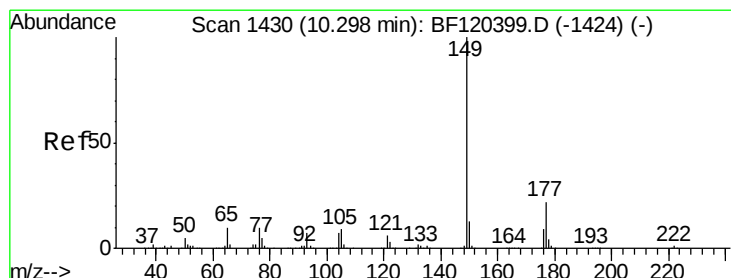
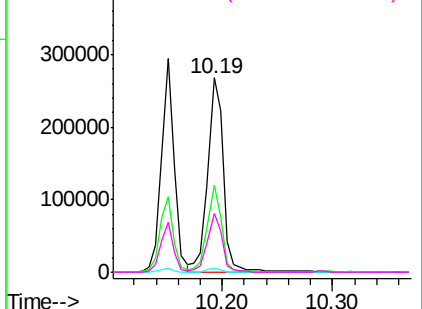
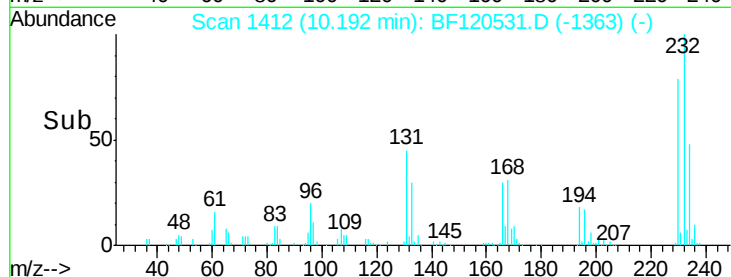
Tot Ion	Ratio	Lower	Upper
232	100		
131	41.2	34.2	51.2
130	2.0	1.7	2.5
166	29.1	23.4	35.0

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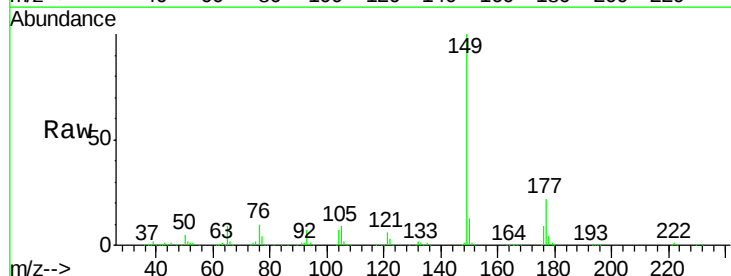


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

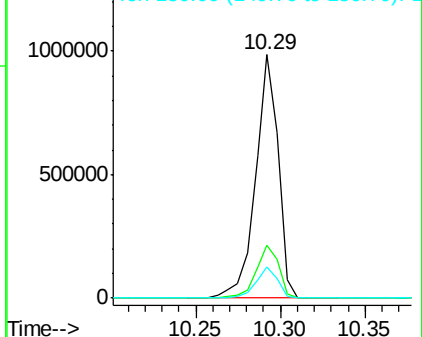
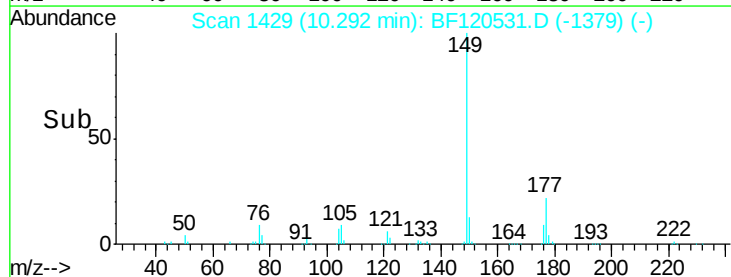


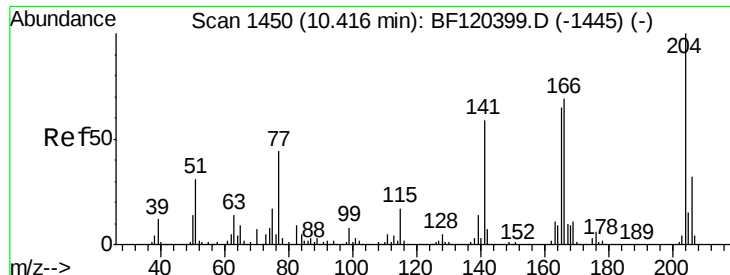
#60
 Diethylphthalate
 Concen: 37.140 ng
 RT: 10.29 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.7	26.5
150	12.9	10.2	15.2



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





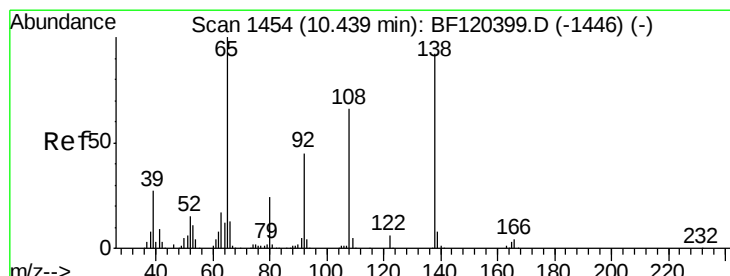
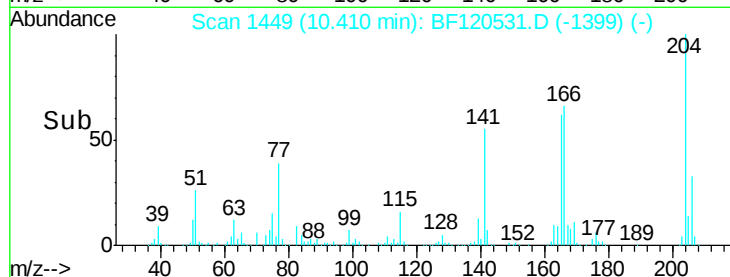
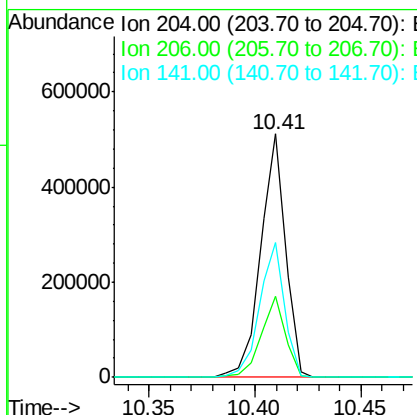
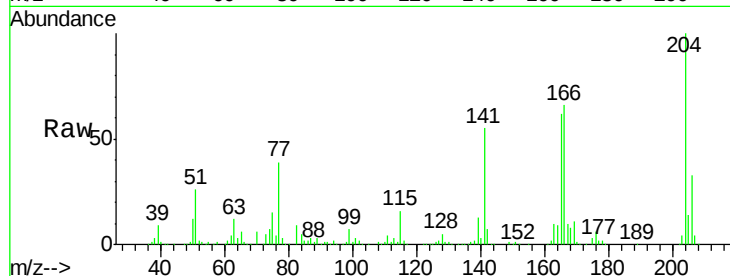
#61
 4-Chlorophenyl-phenylether
 Concen: 34.799 ng
 RT: 10.41 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

Instrument :
 BNA_F
 ClientSampleId :
 PB129254BS

Tot Ion:	204	Resp:	419055
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.5	39.7
141	55.5	48.2	72.2

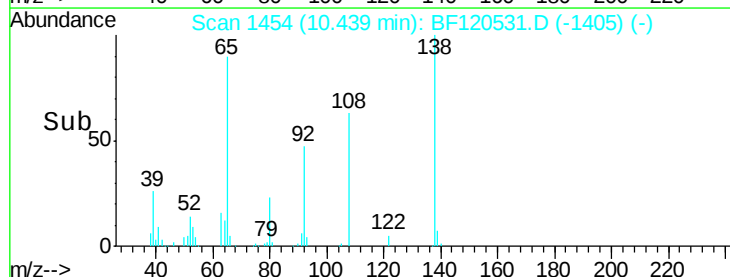
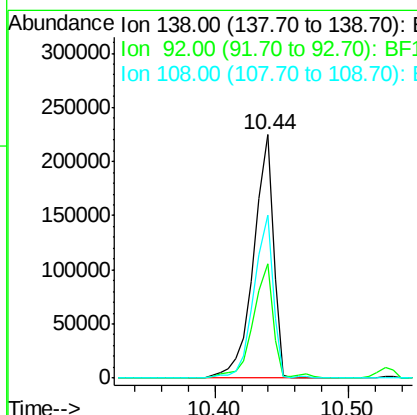
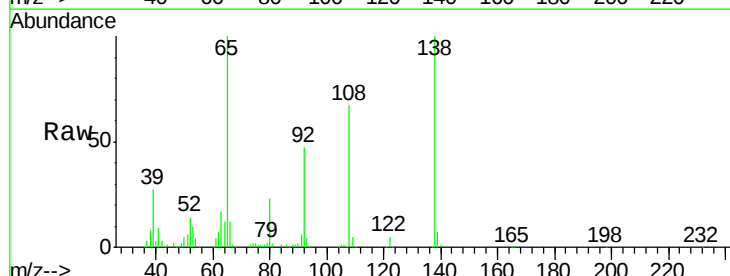
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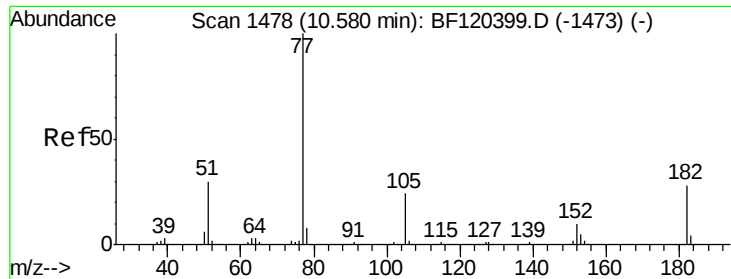
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#62
 4-Nitroaniline
 Concen: 38.092 ng
 RT: 10.44 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

Tgt Ion:	138	Resp:	229053
Ion Ratio	Lower	Upper	
138	100		
92	47.1	26.7	66.7
108	67.1	46.5	86.5





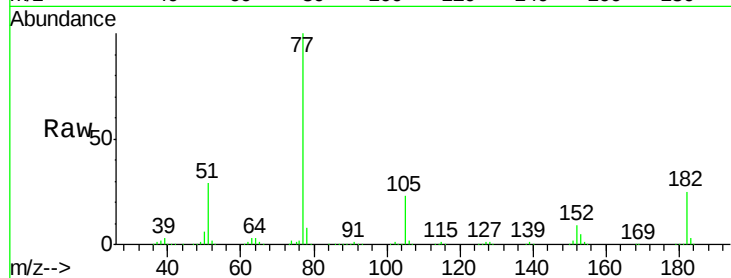
#63
Azobenzene
Concen: 37.157 ng
RT: 10.57 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Instrument :
BNA_F
ClientSampleId :
PB129254BS

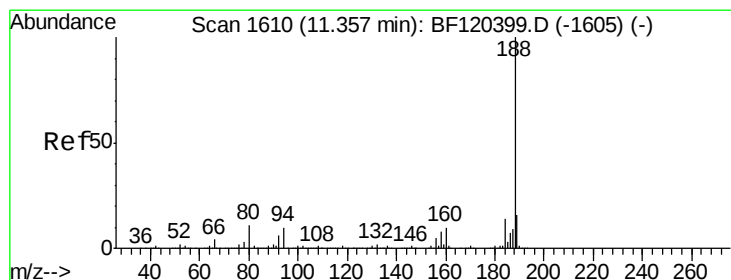
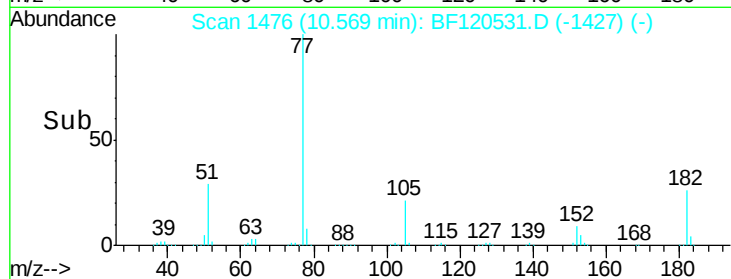
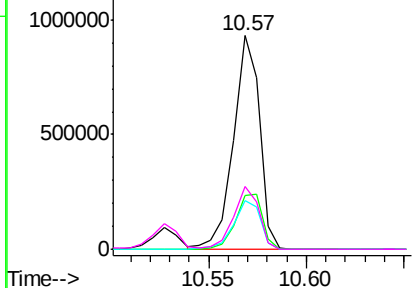
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	25.4	8.6	48.6		
105	23.0	3.6	43.6		
51	29.4	10.1	50.1		

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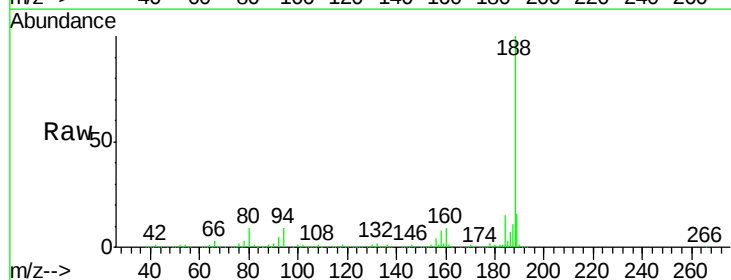


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

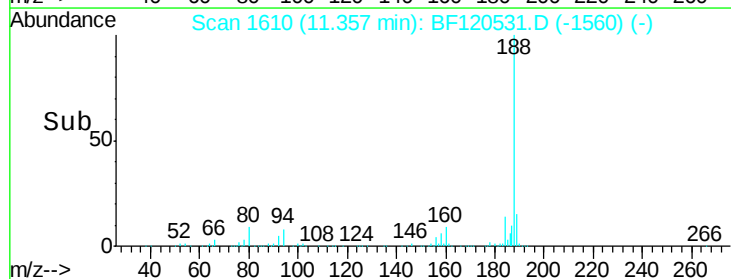
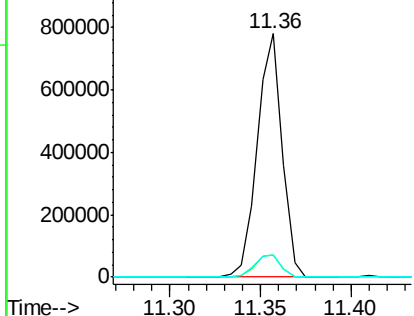


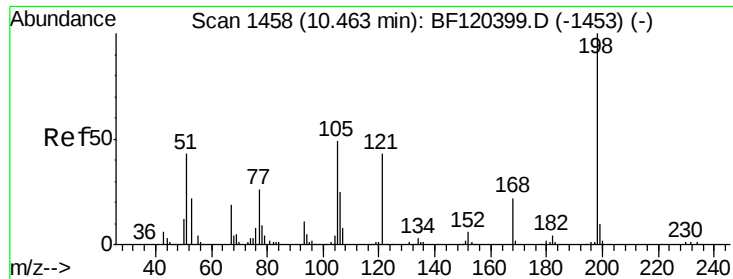
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.0	7.5	11.3		
80	9.2	7.9	11.9		



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





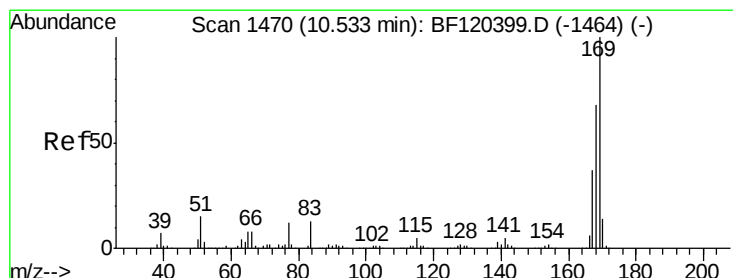
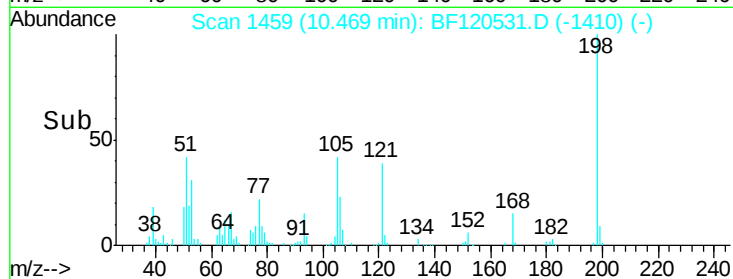
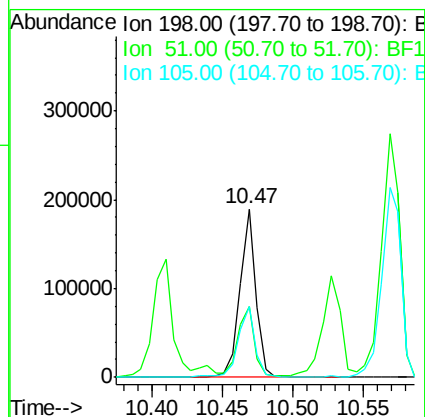
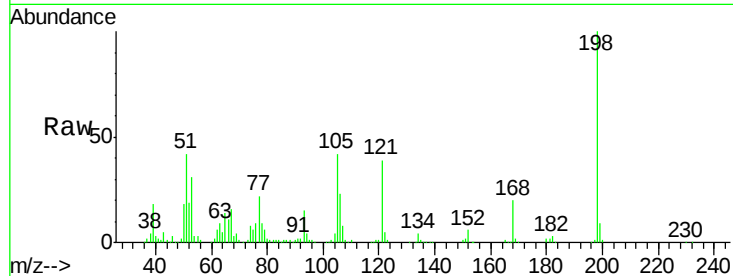
#65
 4,6-Dinitro-2-methylphenol
 Concen: 55.361 ng
 RT: 10.47 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

Instrument :
 BNA_F
 ClientSampleId :
 PB129254BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	149914		
51	41.7	17.0	57.0	
105	41.9	19.3	59.3	

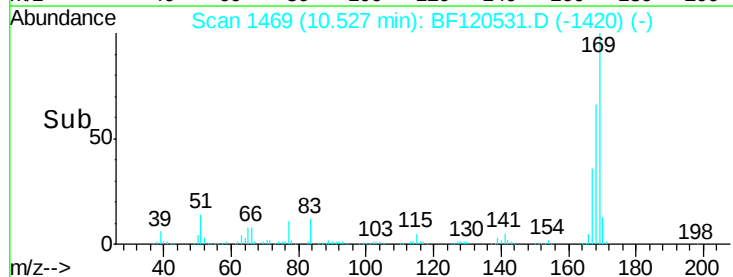
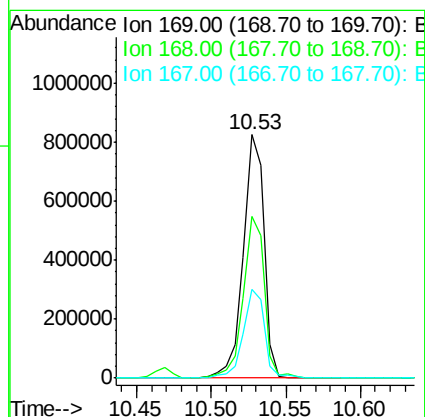
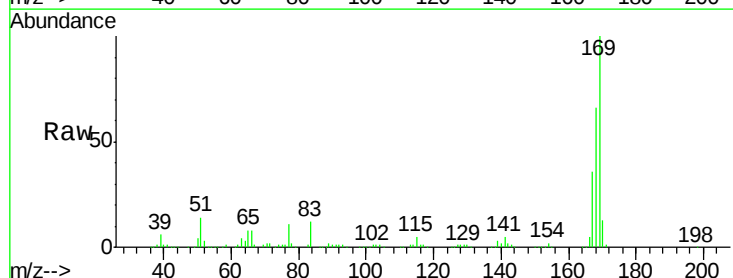
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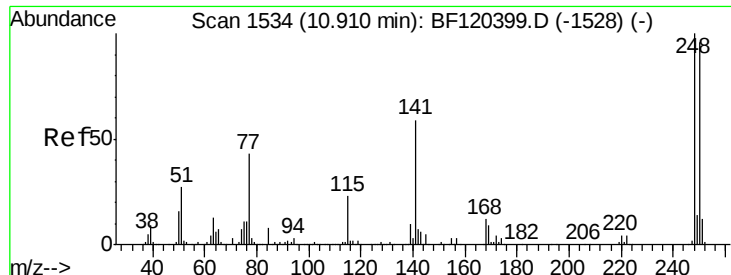
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#66
 n-Nitrosodiphenylamine
 Concen: 38.652 ng
 RT: 10.53 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	797122		
168	66.4	54.4	81.6	
167	36.4	30.0	45.0	





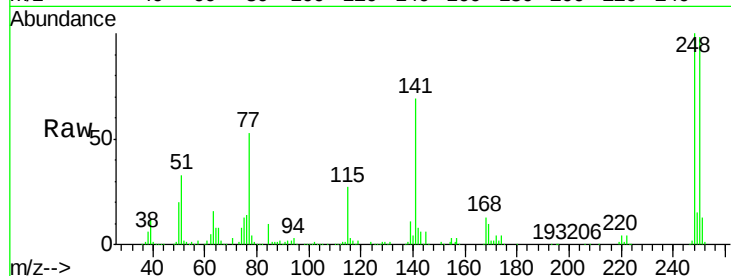
#67
4-Bromophenyl-phenylether
Concen: 37.336 ng
RT: 10.90 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Instrument :
BNA_F
ClientSampleId :
PB129254BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	78.0	117.0
141	69.1	50.3	75.5

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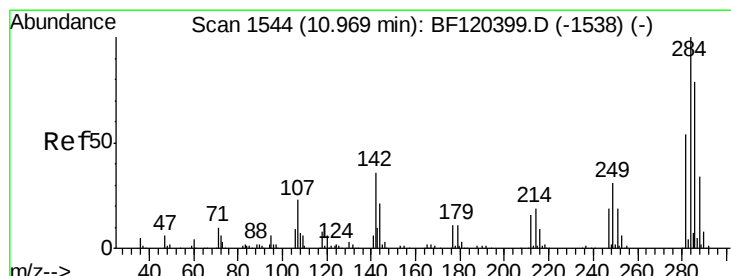
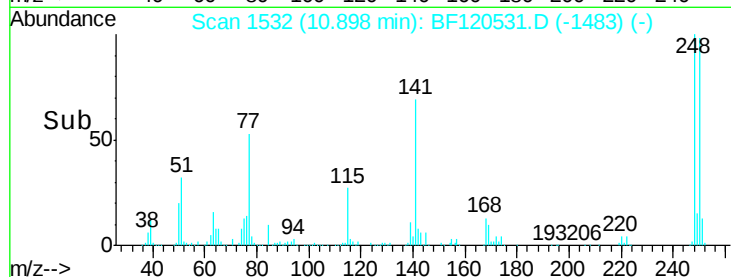
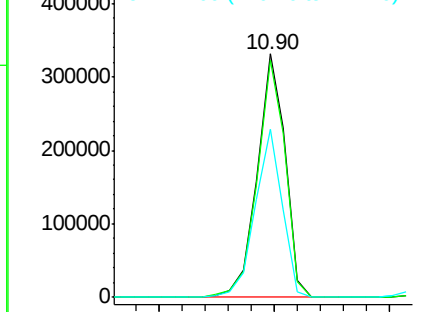


Abundance

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: 38.658 ng
RT: 10.97 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

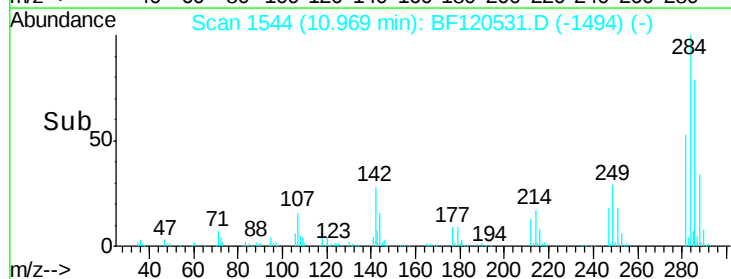
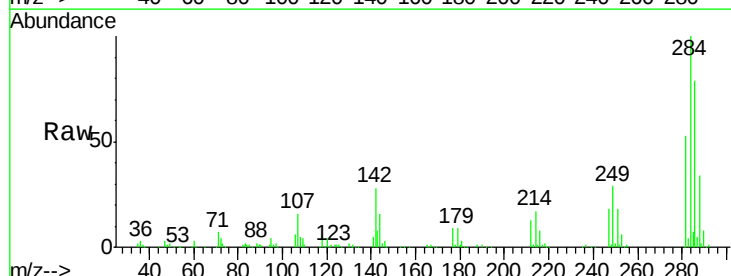
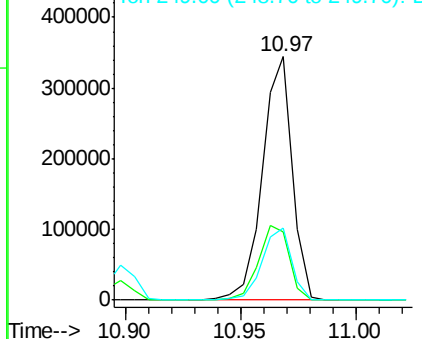
Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.2	25.7	38.5
249	29.4	23.5	35.3

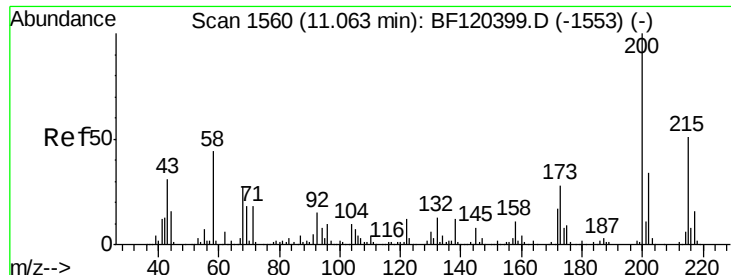
Abundance

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





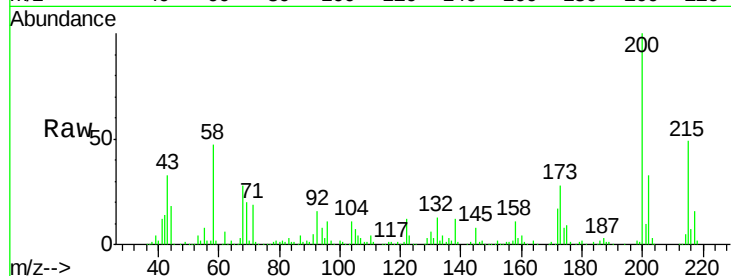
#69
 Atrazine
 Concen: 39.767 ng
 RT: 11.06 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

Instrument :
 BNA_F
 ClientSampleId :
 PB129254BS

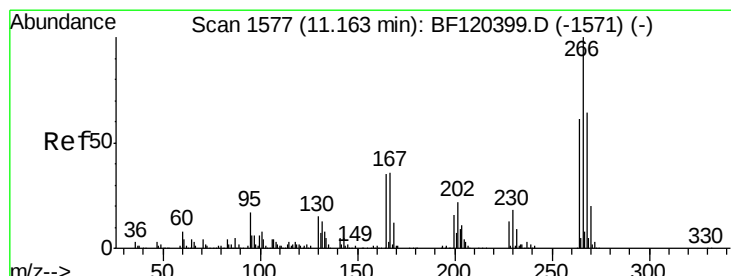
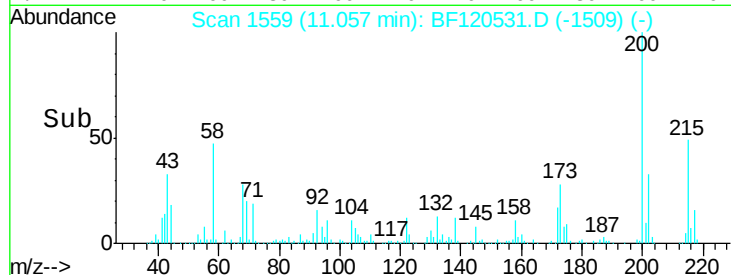
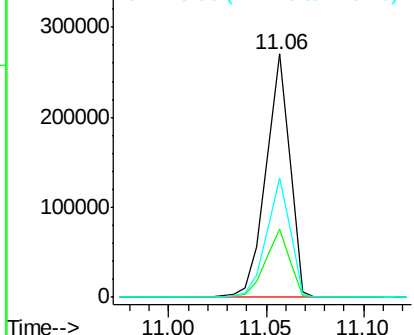
Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.9	8.7	48.7
215	48.9	29.0	69.0

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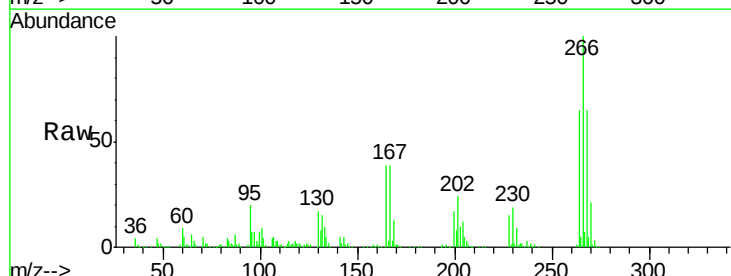


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

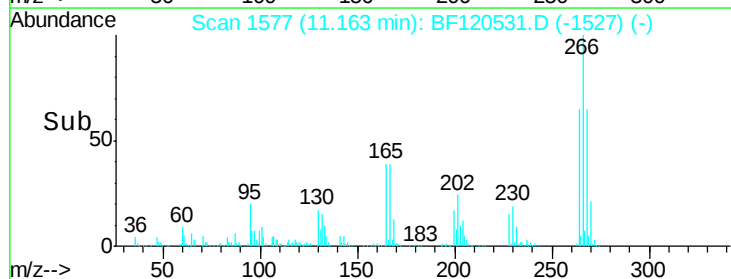
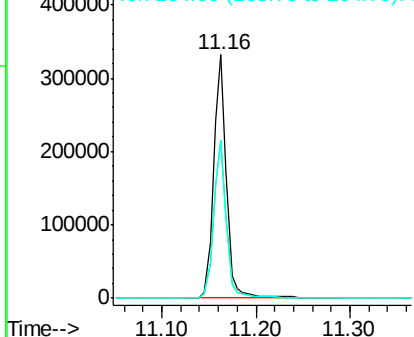


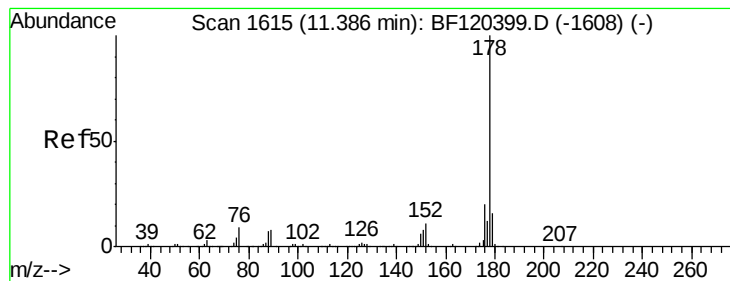
#70
 Pentachlorophenol
 Concen: 66.172 ng
 RT: 11.16 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.6	51.8	77.8
264	64.7	51.0	76.6



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





#71

Phenanthrene

Concen: 38.931 ng

RT: 11.38 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Instrument :

BNA_F

ClientSampleId :

PB129254BS

Tot Ion:178 Resp: 1273582

Ion Ratio Lower Upper

178 100

176 19.7 16.6 24.8

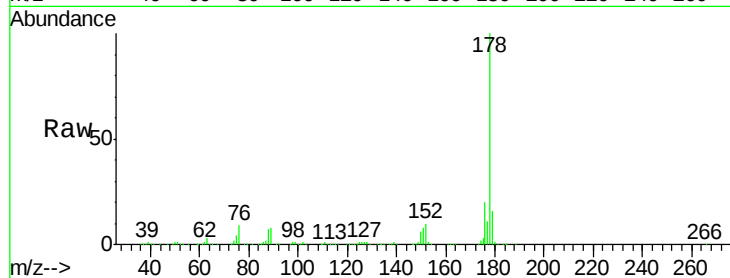
179 16.0 13.0 19.4

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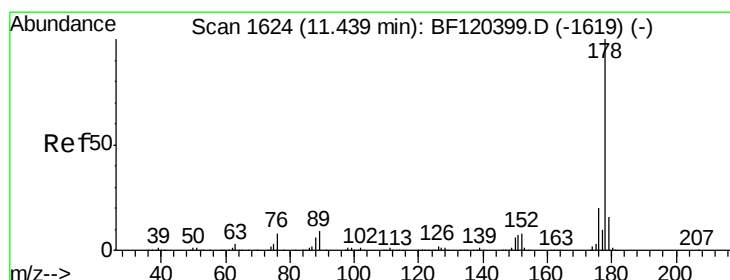
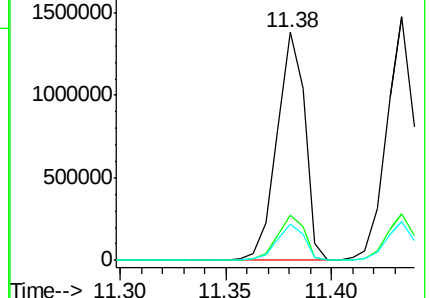
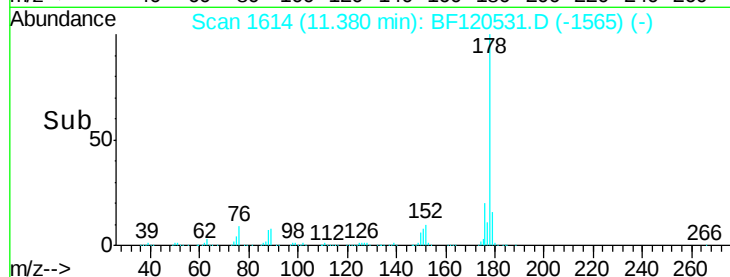
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.028 ng

RT: 11.43 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

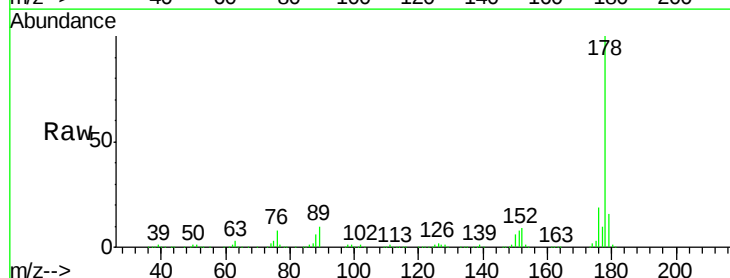
Tgt Ion:178 Resp: 1313823

Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

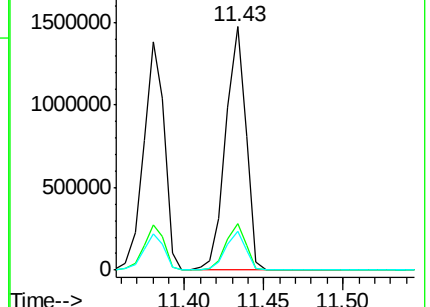
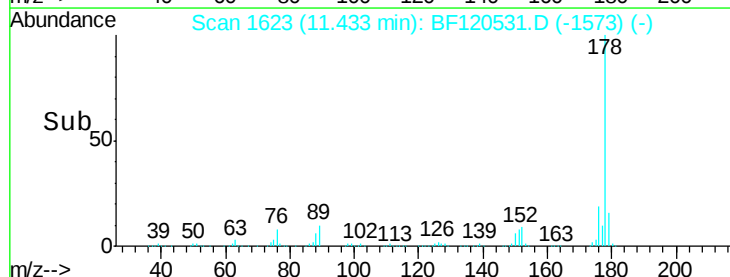
179 15.8 13.1 19.7

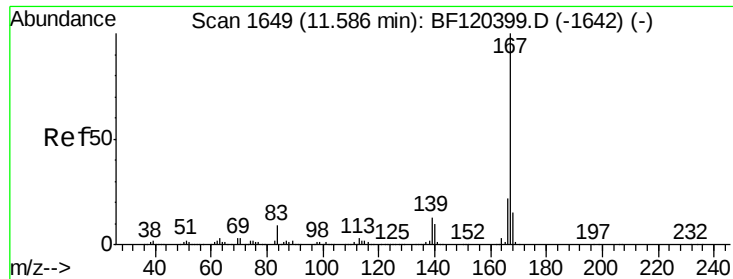


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





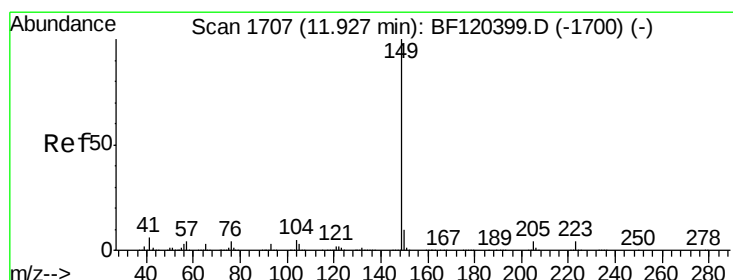
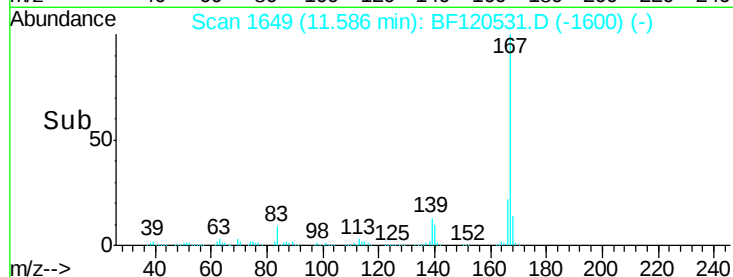
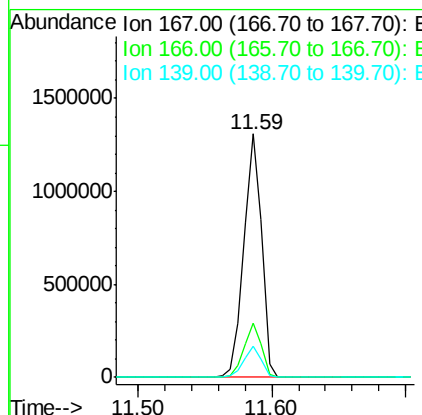
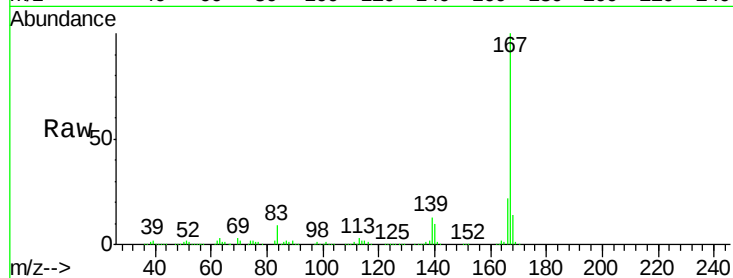
#73
 Carbazole
 Concen: 38.007 ng
 RT: 11.59 min Scan# 1649
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

Instrument :
 BNA_F
 ClientSampleId :
 PB129254BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.8
139	12.9	10.2	15.2

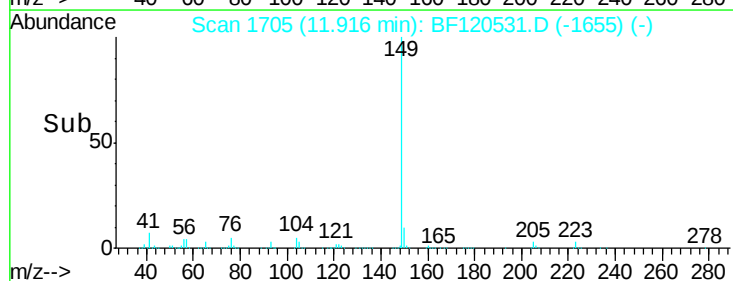
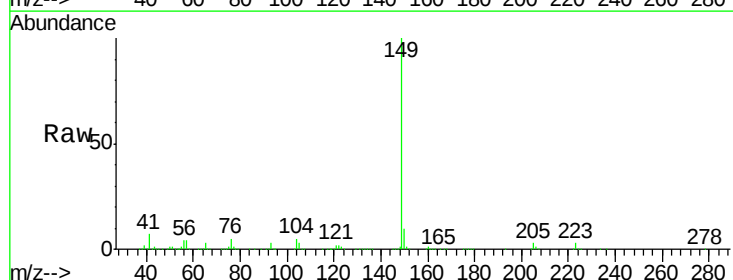
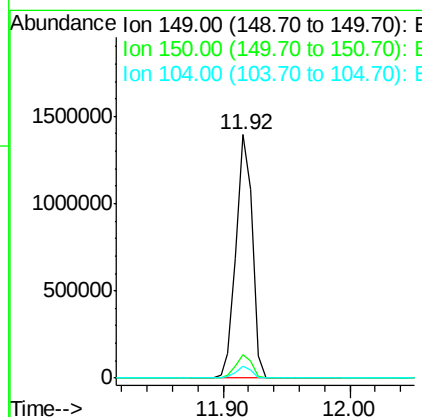
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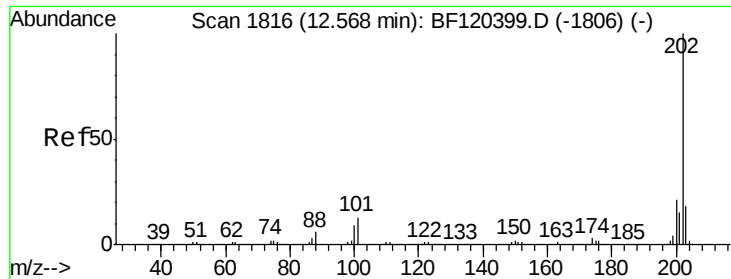
mohammad
 6/5/2020 11:57:13 AM



#74
 Di-n-butylphthalate
 Concen: 32.991 ng
 RT: 11.92 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.0	12.0
104	4.9	4.1	6.1





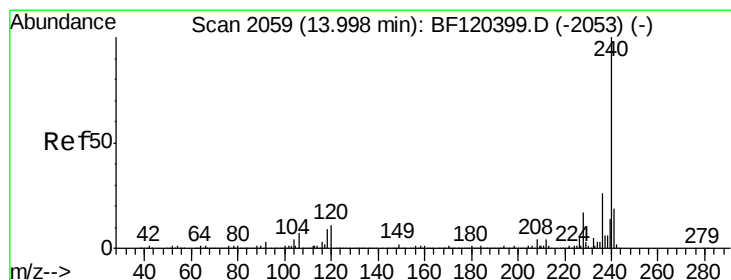
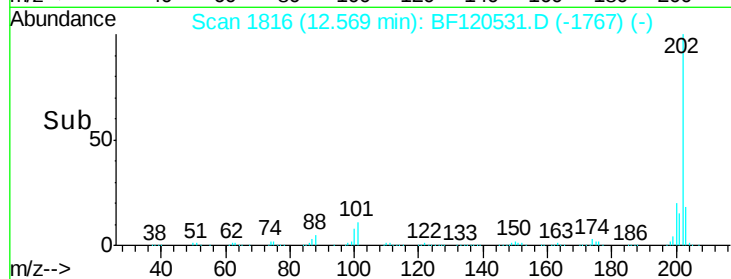
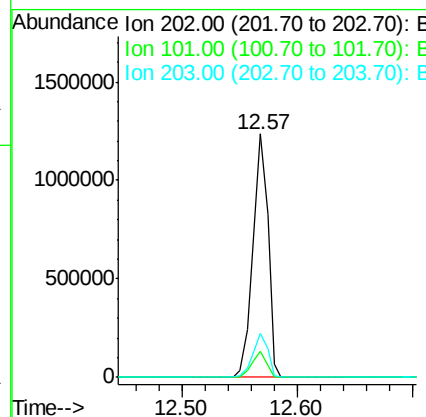
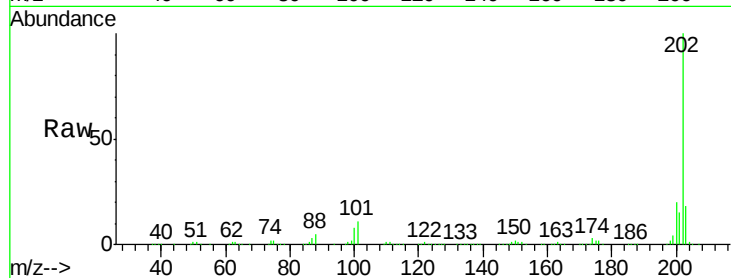
#75
 Fluoranthene
 Concen: 31.776 ng
 RT: 12.57 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

Instrument :
 BNA_F
 ClientSampleId :
 PB129254BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1118513		
101	10.9	0.0	30.4	
203	18.2	0.0	38.2	

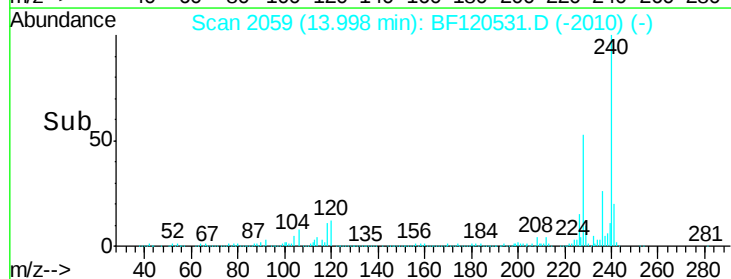
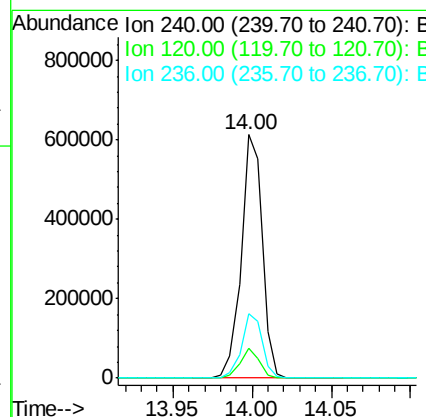
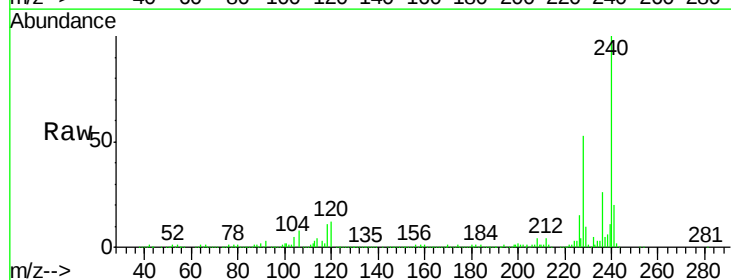
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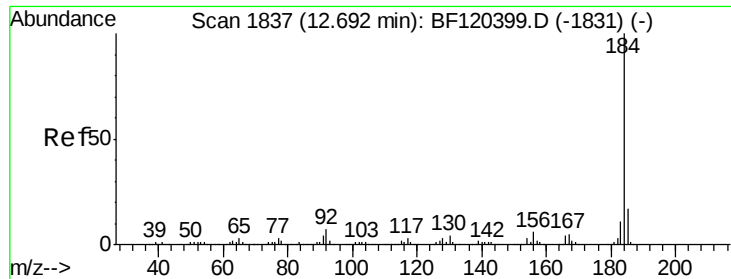
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2059
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	563535		
120	12.0	7.9	11.9#	
236	26.3	21.1	31.7	





#77

Benzidine

Concen: 40.902 ng

RT: 12.69 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Instrument :

BNA_F

ClientSampleId :

PB129254BS

Tot Ion:184 Resp: 605628

Ion Ratio Lower Upper

184 100

185 14.2 13.2 19.8

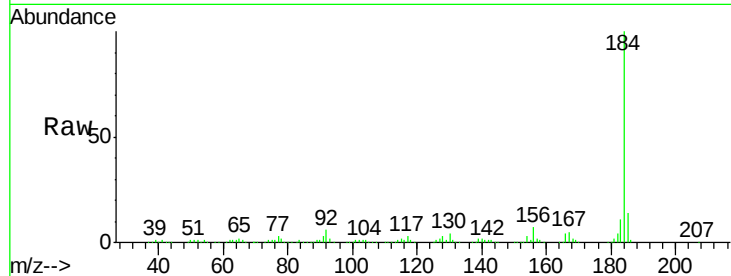
183 11.4 9.1 13.7

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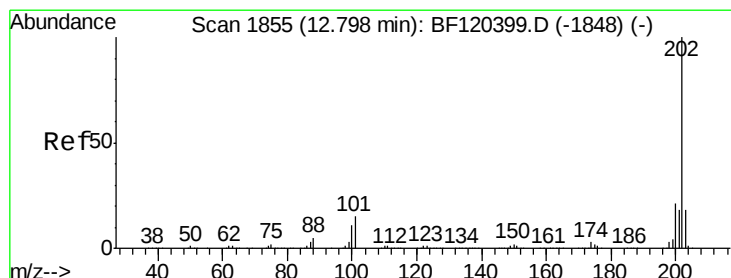
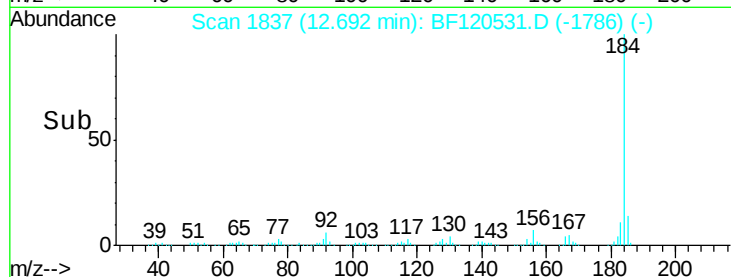
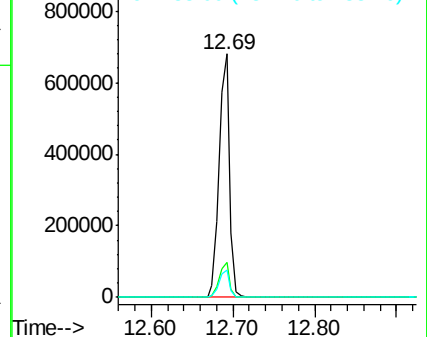
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 29.283 ng

RT: 12.80 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

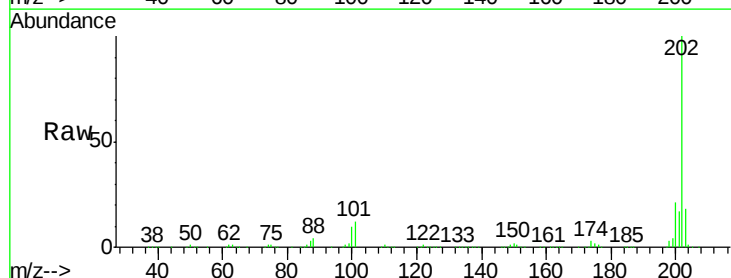
Tgt Ion:202 Resp: 1147615

Ion Ratio Lower Upper

202 100

200 20.7 17.3 25.9

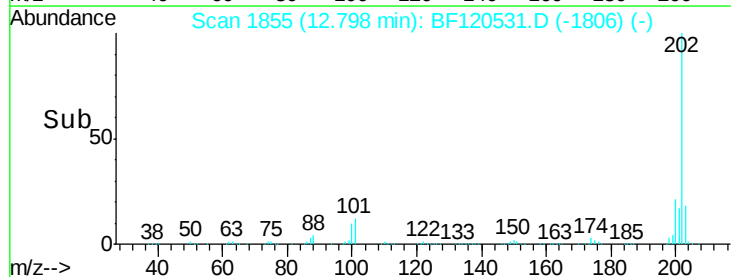
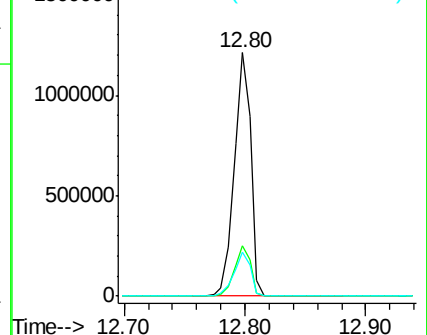
203 18.0 14.5 21.7

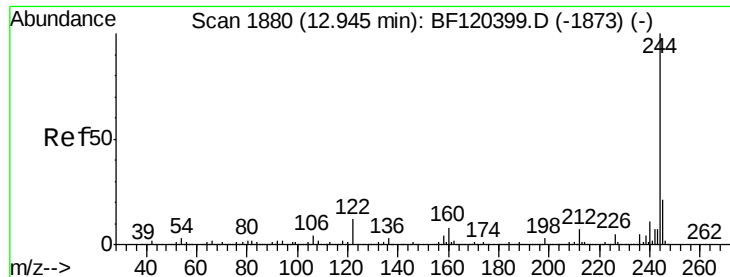


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 59.617 ng

RT: 12.94 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Instrument :

BNA_F

ClientSampleId :

PB129254BS

Tot Ion:244 Resp: 1509779

Ion Ratio Lower Upper

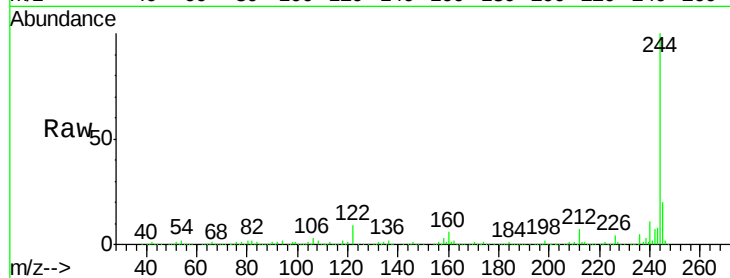
244 100

212 6.8 5.8 8.8

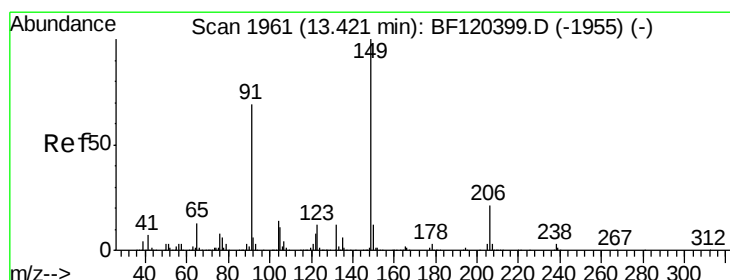
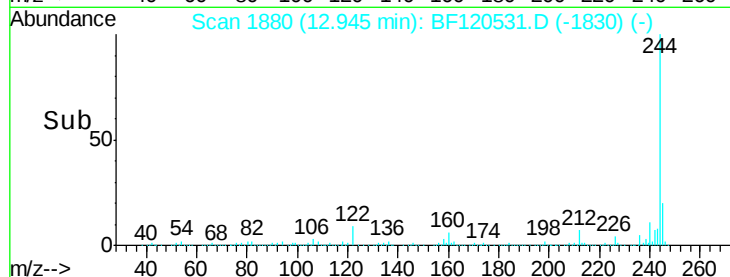
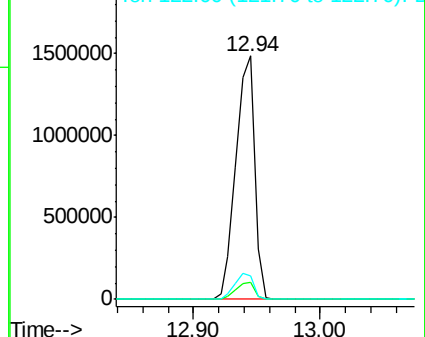
122 9.4 8.2 12.4

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 34.567 ng

RT: 13.42 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

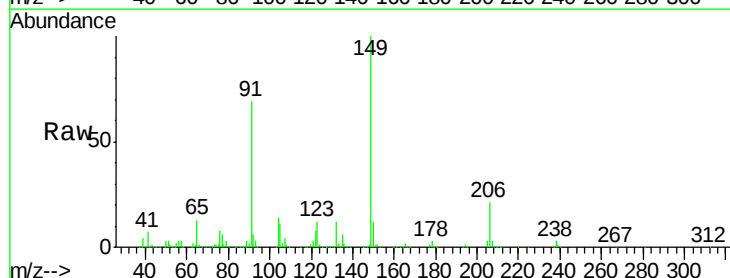
Tgt Ion:149 Resp: 565558

Ion Ratio Lower Upper

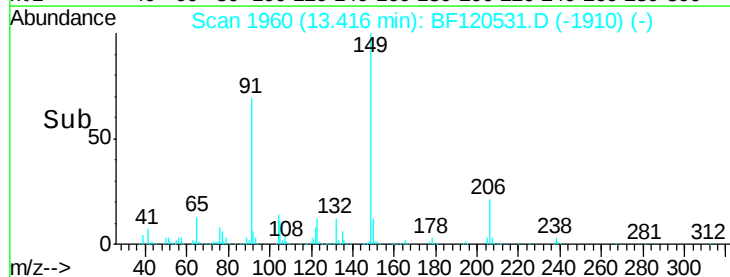
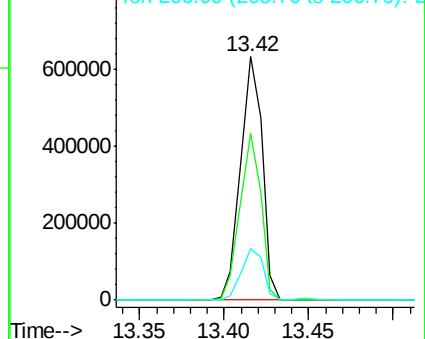
149 100

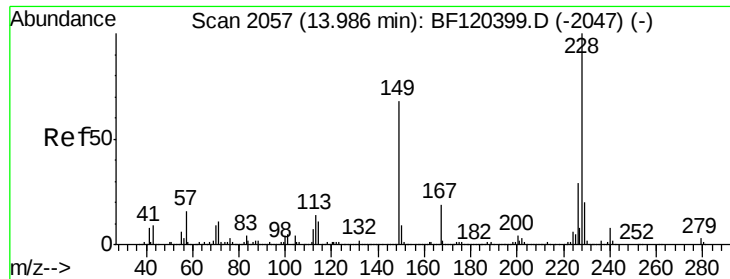
91 68.6 56.2 84.2

206 21.1 16.8 25.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.954 ng

RT: 13.99 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Instrument :

BNA_F

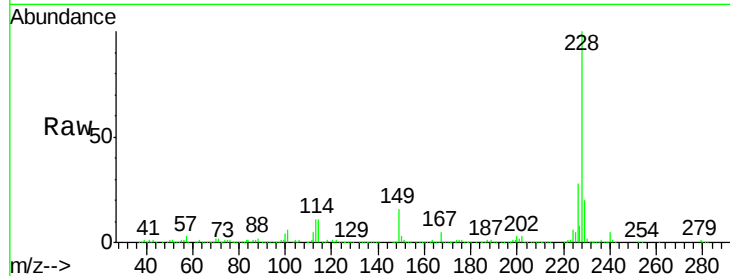
ClientSampleId :

PB129254BS

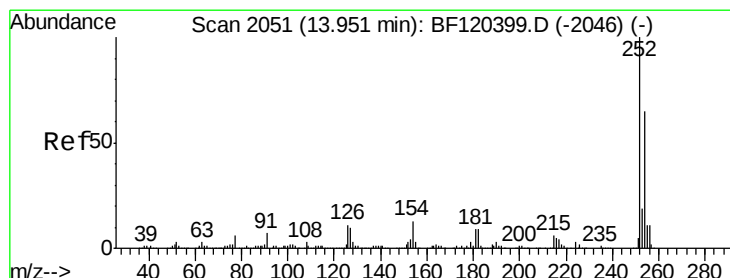
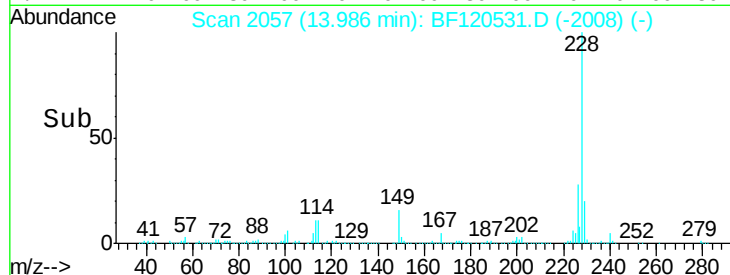
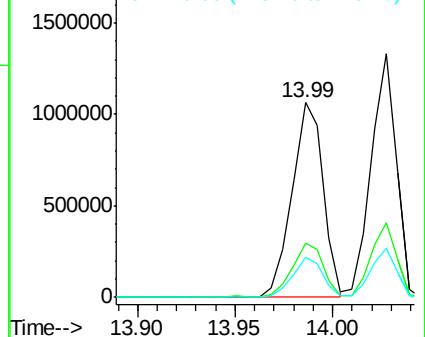
Tot Ion:	228	Resp:	1176491
Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.7	34.1
229	20.4	16.3	24.5

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.771 ng

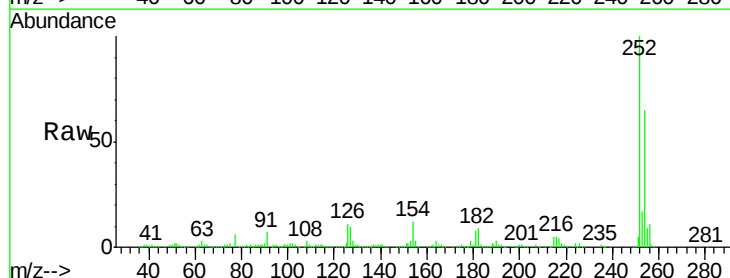
RT: 13.95 min Scan# 2051

Delta R.T. -0.01 min

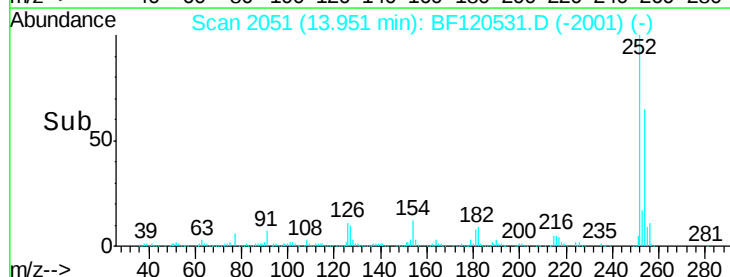
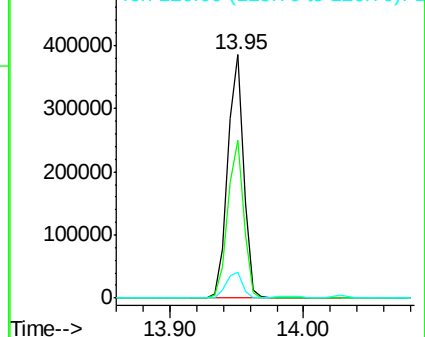
Lab File: BF120531.D

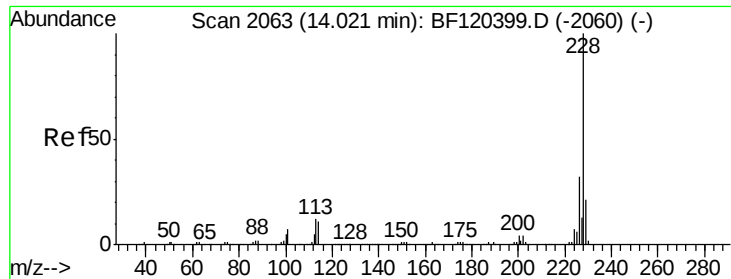
Acq: 4 Jun 2020 14:03

Tgt Ion:	252	Resp:	326435
Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.4	77.2
126	10.8	9.6	14.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 37.664 ng

RT: 14.03 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Instrument :

BNA_F

ClientSampleId :

PB129254BS

Tot Ion:228 Resp: 1192575

Ion Ratio Lower Upper

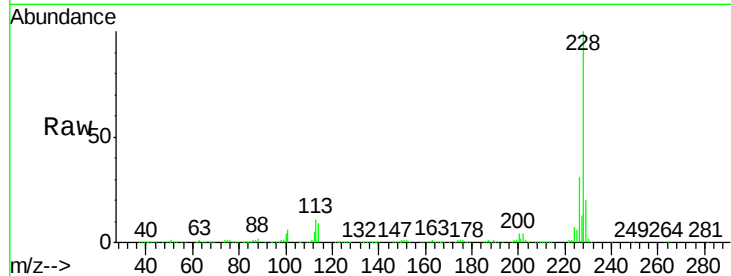
228 100

226 30.8 25.2 37.8

229 20.2 16.1 24.1

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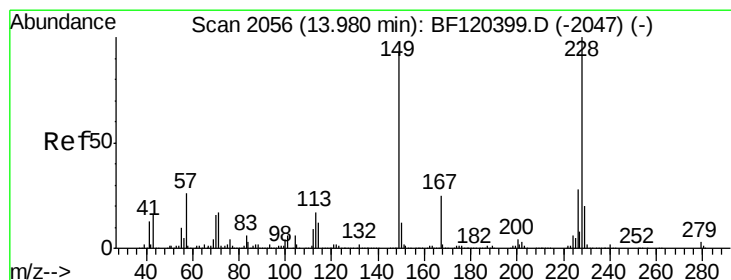
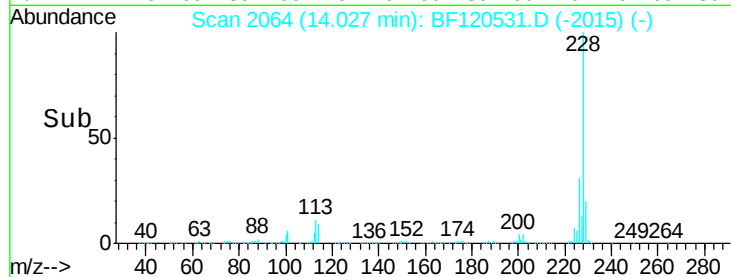
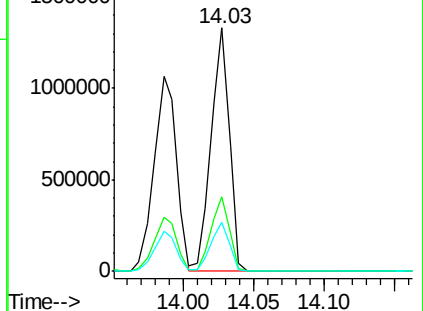
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.835 ng

RT: 13.97 min Scan# 2055

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

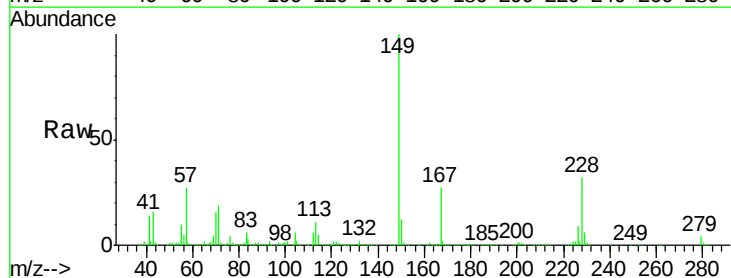
Tgt Ion:149 Resp: 765069

Ion Ratio Lower Upper

149 100

167 27.0 22.0 33.0

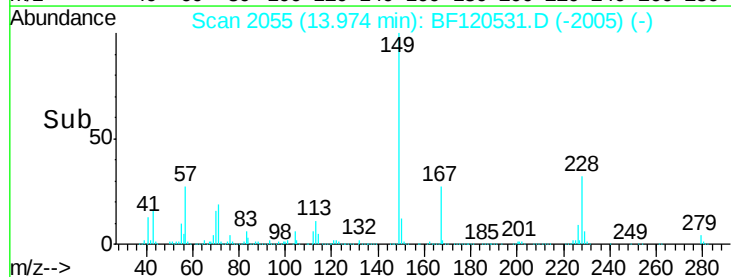
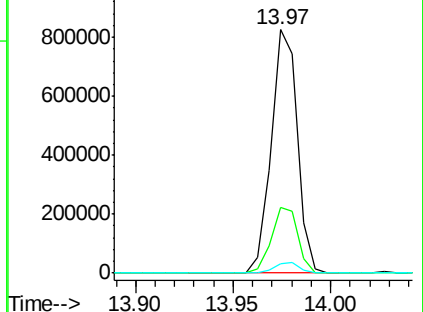
279 3.8 3.2 4.8

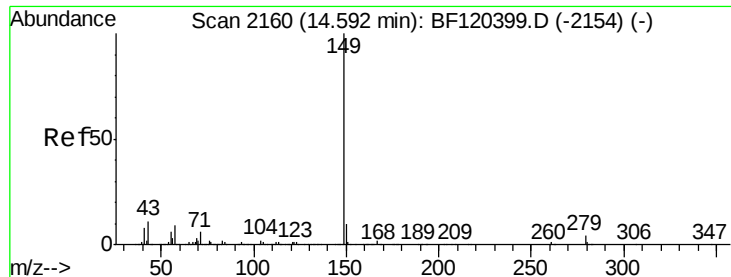


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





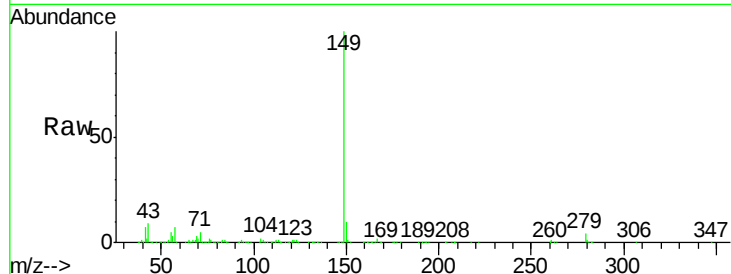
#85
Di-n-octyl phthalate
Concen: 40.339 ng
RT: 14.59 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Instrument :
BNA_F
ClientSampleId :
PB129254BS

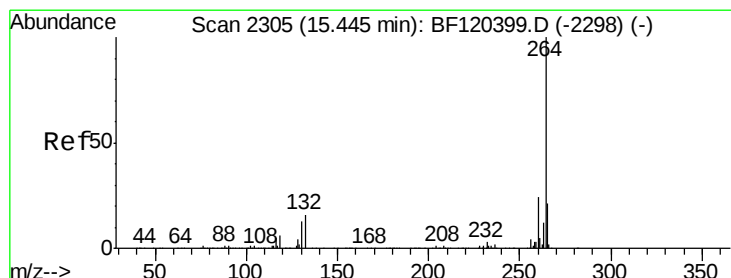
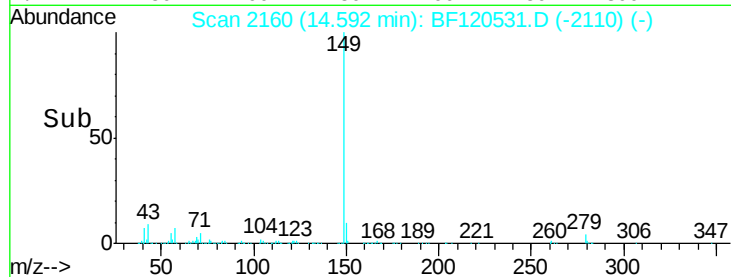
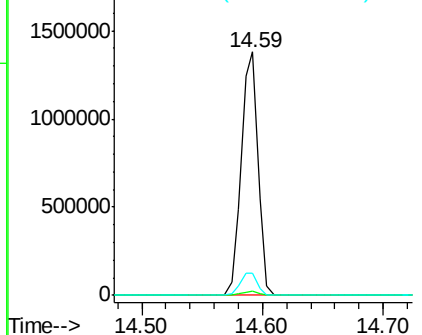
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.3	7.8	11.8

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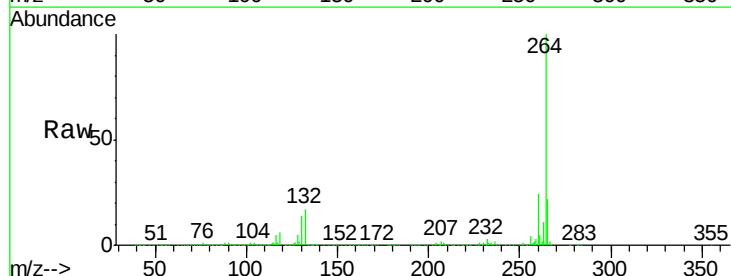


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

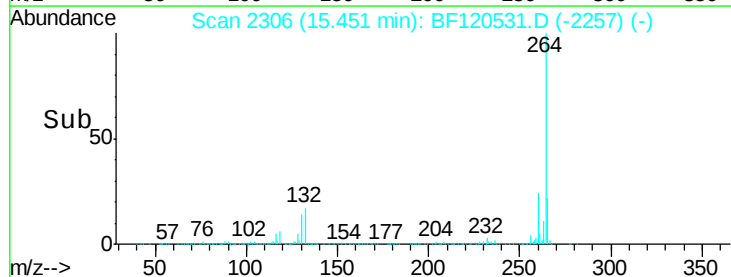
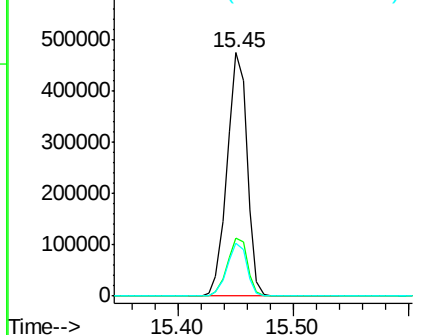


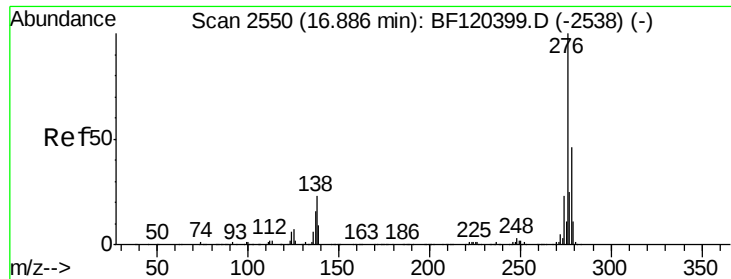
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.8	29.8
265	21.9	17.5	26.3



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





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 35.798 ng
 RT: 16.90 min Scan# 2553
 Delta R.T. -0.02 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

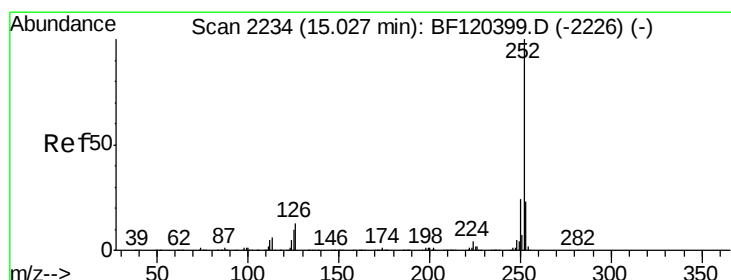
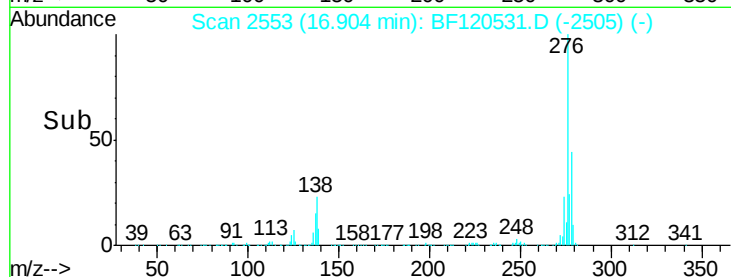
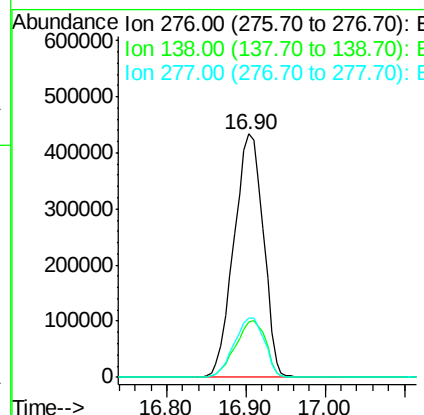
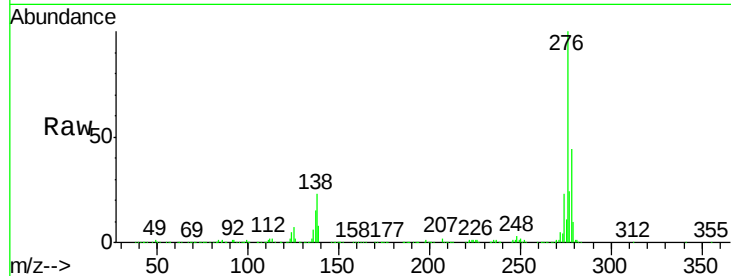
Instrument :
 BNA_F
 ClientSampleId :
 PB129254BS

Tot Ion:276 Resp: 1114841

Ion	Ratio	Lower	Upper
276	100		
138	24.0	19.2	28.8
277	25.2	20.4	30.6

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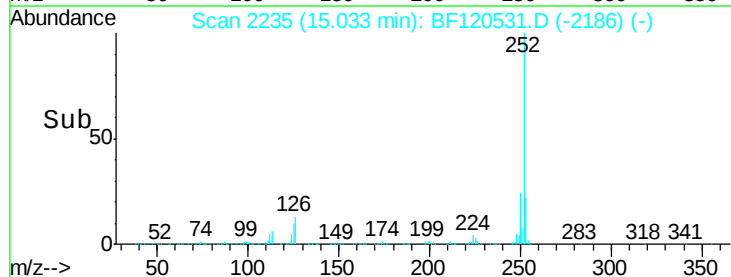
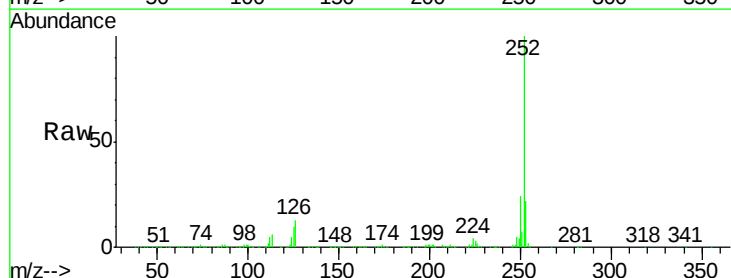
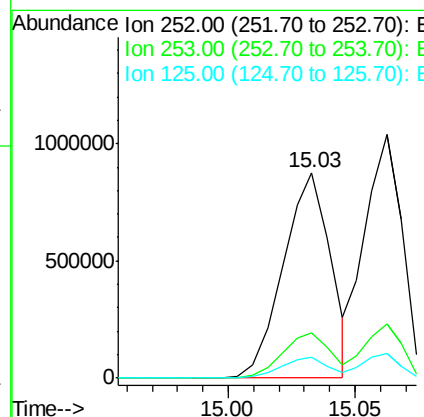
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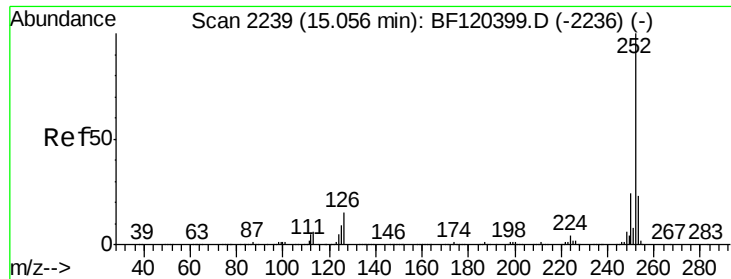


#88
 Benzo(b)fluoranthene
 Concen: 35.995 ng
 RT: 15.03 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

Tgt Ion:252 Resp: 1138365

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	9.9	7.6	11.4





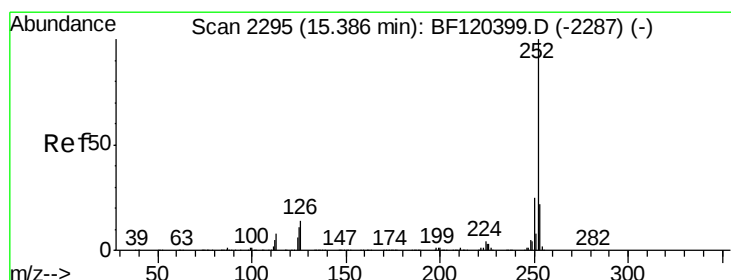
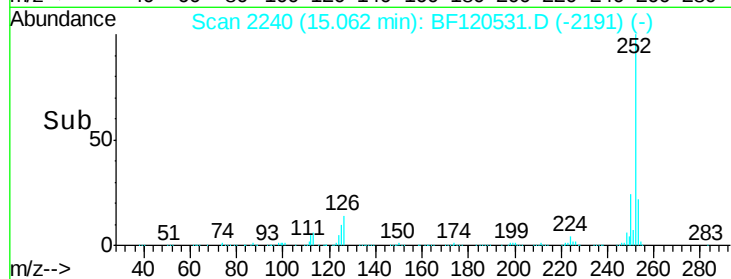
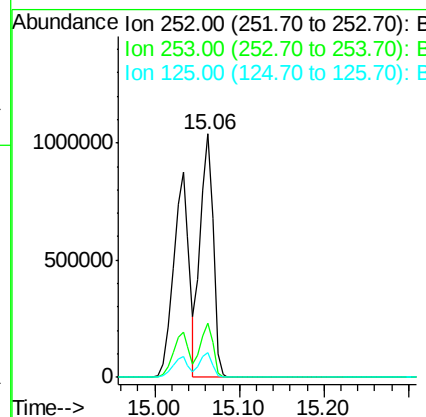
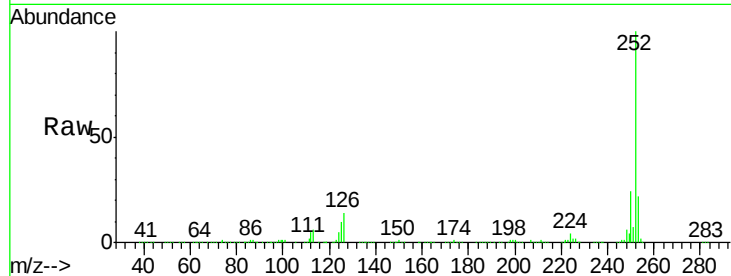
#89
Benzo(k)fluoranthene
Concen: 36.690 ng
RT: 15.06 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Instrument :
BNA_F
ClientSampleId :
PB129254BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	9.9	7.5	11.3

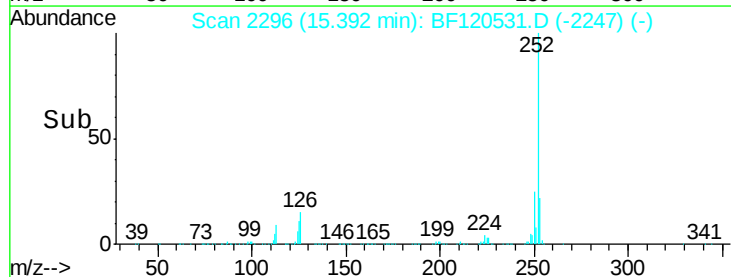
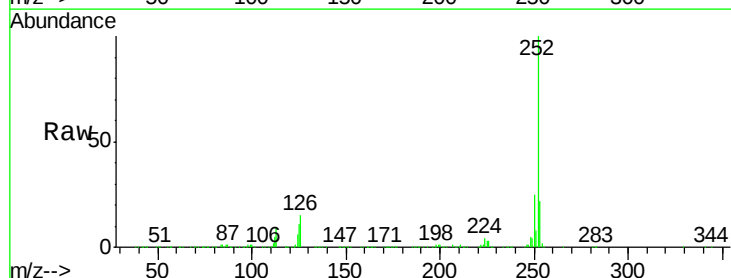
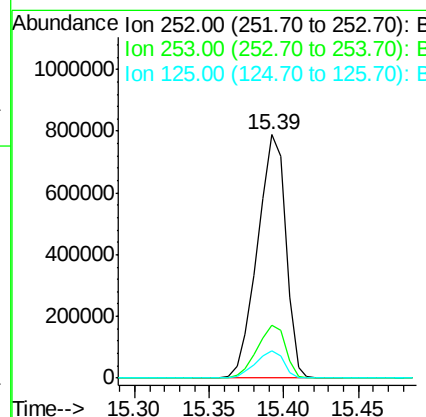
Manual Integrations
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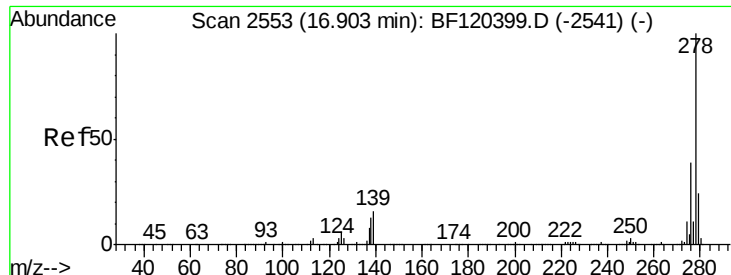
mohammad
6/5/2020 11:57:13 AM



#90
Benzo(a)pyrene
Concen: 37.328 ng
RT: 15.39 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	11.4	9.2	13.8





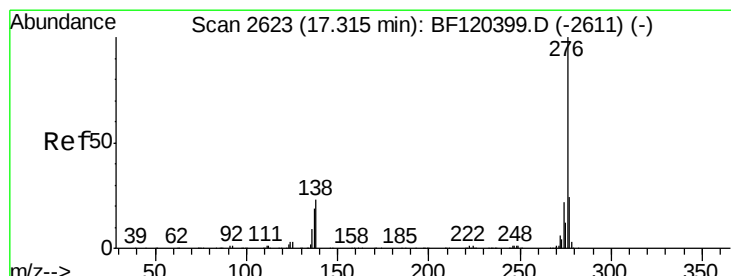
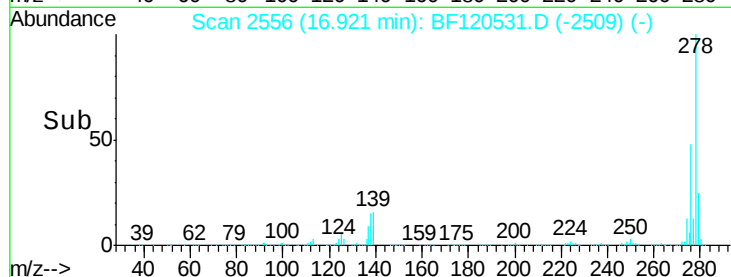
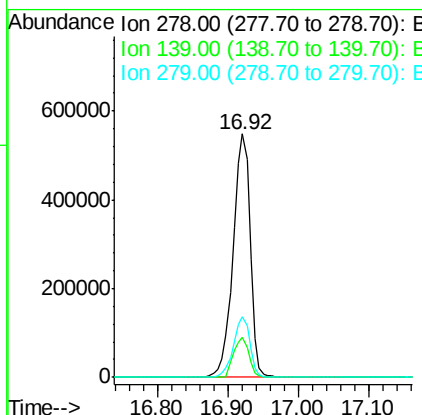
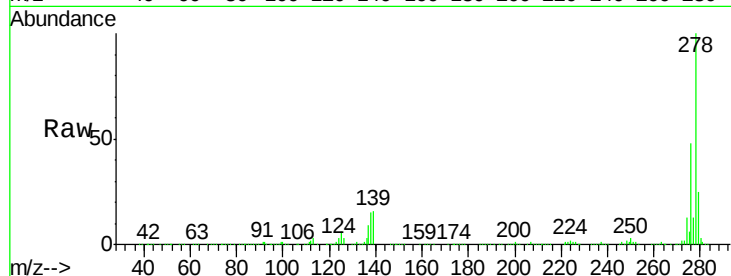
#91
Dibenzo(a,h)anthracene
Concen: 36.493 ng
RT: 16.92 min Scan# 2556
Delta R.T. -0.02 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Instrument :
BNA_F
ClientSampleId :
PB129254BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	11.6	17.4
279	24.9	19.2	28.8

Manual Integrations
APPROVED

mohammad
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#92
Benzo(g,h,i)perylene
Concen: 36.346 ng
RT: 17.34 min Scan# 2628
Delta R.T. -0.02 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.2
138	20.8	16.6	25.0

