

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
 Data File : BF121627.D
 Acq On : 21 Sep 2020 15:22
 Operator : JU/CG
 Sample : PB131752BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131752BS

Manual Integrations
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mohammad
 9/22/2020 10:08:49 AM

Quant Time: Sep 21 16:08:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 21 14:19:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	170618	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	683380	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	371989	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	696707	20.00	ng	0.00
76) Chrysene-d12	14.00	240	561017	20.00	ng	0.00
86) Perylene-d12	15.46	264	516682	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1057351	92.10	ng	0.02
7) Phenol-d6	6.46	99	1397838	92.81	ng	0.00
23) Nitrobenzene-d5	7.39	82	1200187	94.30	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	461618	99.85	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	2129383	86.70	ng	0.00
79) Terphenyl-d14	12.94	244	1976062	71.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	193098	36.610	ng	100
3) Pyridine	3.42	79	455537	31.242	ng	99
4) n-Nitrosodimethylamine	3.38	42	246665	36.470	ng	97
6) Aniline	6.48	93	494113	25.188	ng	# 82
8) 2-Chlorophenol	6.61	128	442048	37.817	ng	99
9) Benzaldehyde	6.37	77	256297	26.029	ng	99
10) Phenol	6.47	94	558942	34.848	ng	92
11) bis(2-Chloroethyl)ether	6.56	93	451936	37.385	ng	99
12) 1,3-Dichlorobenzene	6.76	146	485915	37.244	ng	98
13) 1,4-Dichlorobenzene	6.83	146	488387	37.281	ng	98
14) 1,2-Dichlorobenzene	6.99	146	443689	36.765	ng	98
15) Benzyl Alcohol	6.96	79	386772	37.780	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	687290	35.331	ng	94
17) 2-Methylphenol	7.08	107	382661	38.475	ng	98
18) Hexachloroethane	7.33	117	179796	38.330	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	318585	36.701	ng	98
20) 3+4-Methylphenols	7.23	107	446467	37.362	ng	91
22) Acetophenone	7.23	105	611975	35.296	ng	99
24) Nitrobenzene	7.40	77	492481	35.776	ng	98
25) Isophorone	7.65	82	902250	35.215	ng	98
26) 2-Nitrophenol	7.72	139	238419	37.387	ng	97
27) 2,4-Dimethylphenol	7.76	122	406359	35.531	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	560990	35.368	ng	99
29) 2,4-Dichlorophenol	7.96	162	385034	36.963	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	400088	36.469	ng	98
31) Naphthalene	8.13	128	1298196	35.986	ng	100
32) Benzoic acid	7.90	122	287574	35.768	ng	97
33) 4-Chloroaniline	8.17	127	399258	25.532	ng	98
34) Hexachlorobutadiene	8.24	225	238083	36.973	ng	99
35) Caprolactam	8.56	113	125391m	36.147	ng	
36) 4-Chloro-3-methylphenol	8.67	107	420660	37.487	ng	98
37) 2-Methylnaphthalene	8.82	142	872468	36.905	ng	99
38) 1-Methylnaphthalene	8.92	142	819266	37.236	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	401350	34.540	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	447742	67.475	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	298813	37.728	nq	100
44) 2,4,5-Trichlorophenol	9.15	196	289743	34.605	nq	98
46) 1,1'-Biphenyl	9.29	154	1043194	35.030	nq	100
47) 2-Chloronaphthalene	9.31	162	803933	34.257	nq	98
48) 2-Nitroaniline	9.41	65	277798	38.093	nq	97
49) Acenaphthylene	9.73	152	1291820	35.827	nq	100
50) Dimethylphthalate	9.59	163	959614	35.592	nq	100
51) 2,6-Dinitrotoluene	9.65	165	215018	37.448	nq	96
52) Acenaphthene	9.90	154	755045	33.154	nq	99
53) 3-Nitroaniline	9.82	138	167689	25.211	nq	92
54) 2,4-Dinitrophenol	9.93	184	232628	71.347	nq	95
55) Dibenzofuran	10.07	168	1124971	35.076	nq	96
56) 4-Nitrophenol	10.00	139	351146	66.196	nq	97
57) 2,4-Dinitrotoluene	10.06	165	283560	39.255	nq	97
58) Fluorene	10.42	166	856160	34.908	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	247511	36.362	nq	99
60) Diethylphthalate	10.29	149	933301	35.505	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	419625	35.716	nq	99
62) 4-Nitroaniline	10.44	138	223213	33.798	nq	99
63) Azobenzene	10.57	77	949115	33.905	nq	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	158344	38.602	nq	99
66) n-Nitrosodiphenylamine	10.53	169	818304	34.235	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	285930	36.046	nq	98
68) Hexachlorobenzene	10.96	284	321909	35.960	nq	100
69) Atrazine	11.06	200	235067	39.584	nq	98
70) Pentachlorophenol	11.16	266	351620	71.522	nq	99
71) Phenanthrene	11.38	178	1299765	34.241	nq	100
72) Anthracene	11.43	178	1340682	34.225	nq	100
73) Carbazole	11.59	167	1198532	33.905	nq	99
74) Di-n-butylphthalate	11.92	149	1389913	34.067	nq	100
75) Fluoranthene	12.57	202	1402375	34.608	nq	99
77) Benzidine	12.69	184	623343	33.515	nq	99
78) Pyrene	12.80	202	1421943	34.690	nq	100
80) Butylbenzylphthalate	13.42	149	591347	35.672	nq	99
81) Benzo(a)anthracene	13.99	228	1247293	35.142	nq	100
82) 3,3'-Dichlorobenzidine	13.95	252	371938	26.842	nq	100
83) Chrysene	14.03	228	1242358	34.567	nq	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	742820	33.542	nq	99
85) Di-n-octyl phthalate	14.59	149	1339516	34.273	nq	100
87) Indeno(1,2,3-cd)pyrene	16.92	276	1247366	37.071	nq	100
88) Benzo(b)fluoranthene	15.03	252	1325913	38.387	nq	100
89) Benzo(k)fluoranthene	15.07	252	1127773	35.655	nq	99
90) Benzo(a)pyrene	15.40	252	1120536	38.164	nq	100
91) Dibenzo(a,h)anthracene	16.93	278	1033041	36.882	nq	98
92) Benzo(g,h,i)perylene	17.36	276	1021757	37.111	nq	98

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

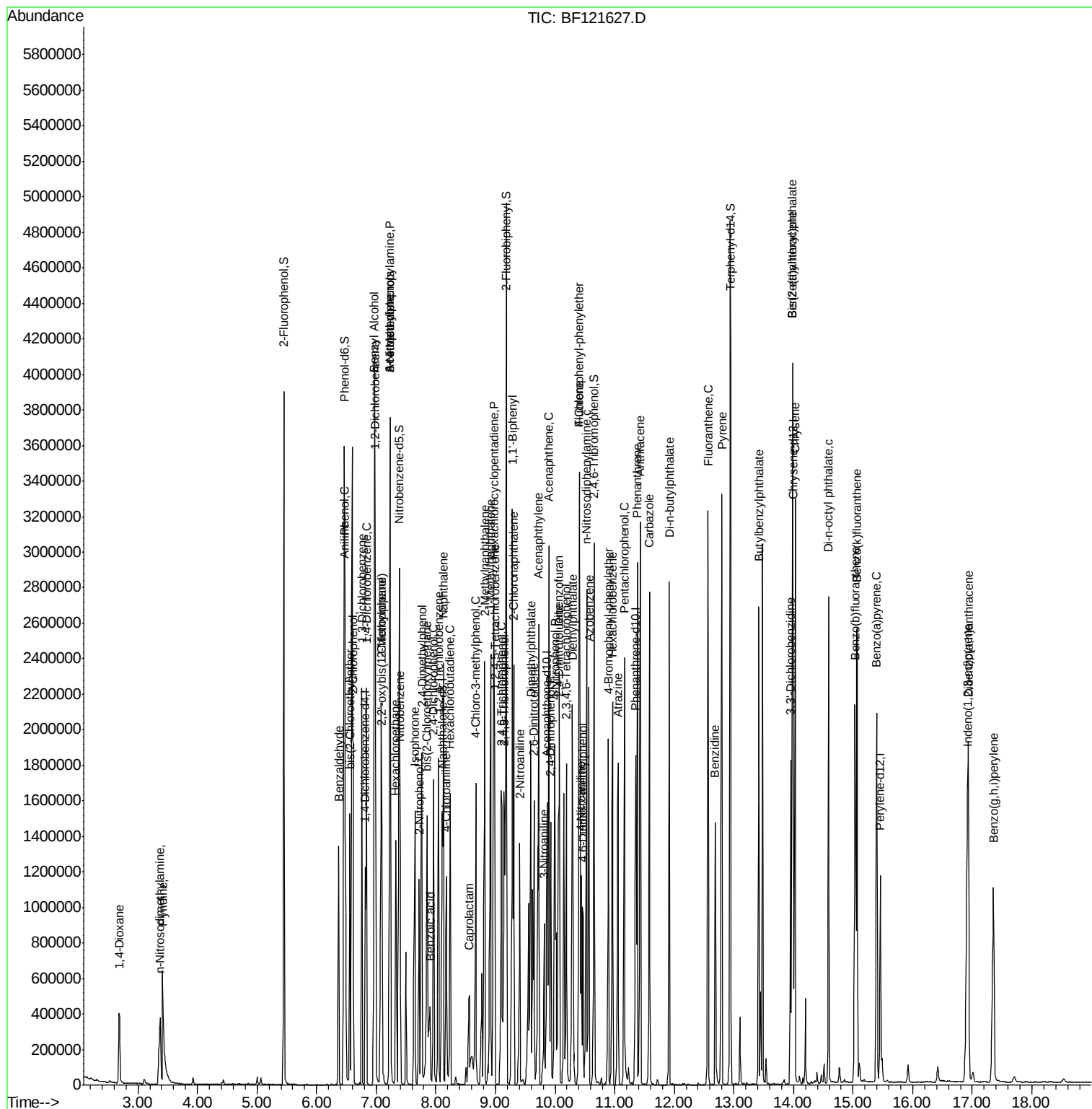
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121627.D
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#1

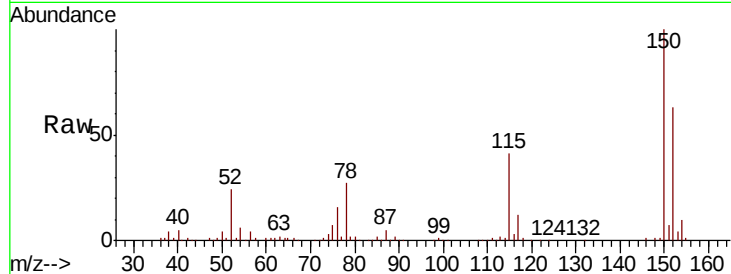
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB131752BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	128.1	192.1
115	65.2	52.6	79.0

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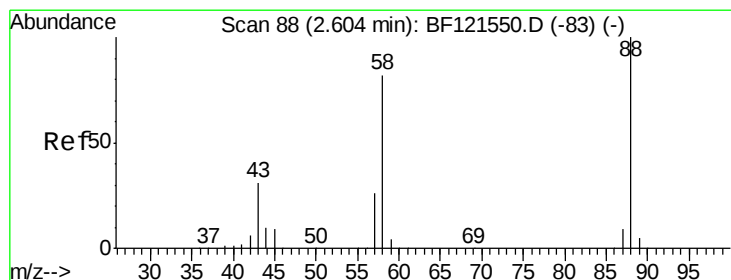
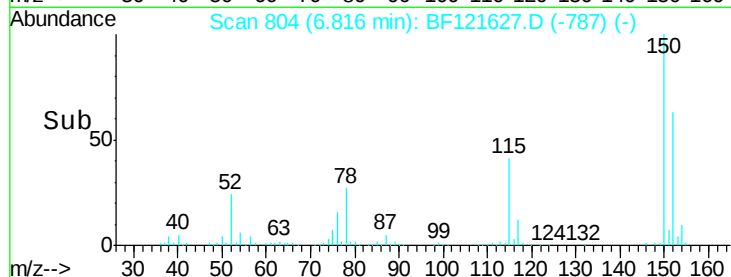
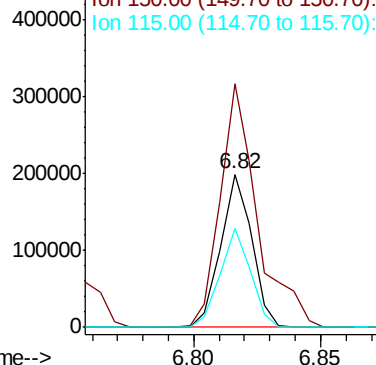


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

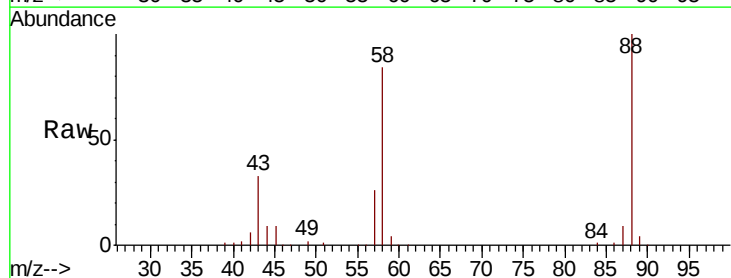
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.610 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.14 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.0	65.4	98.0
43	30.9	24.9	37.3

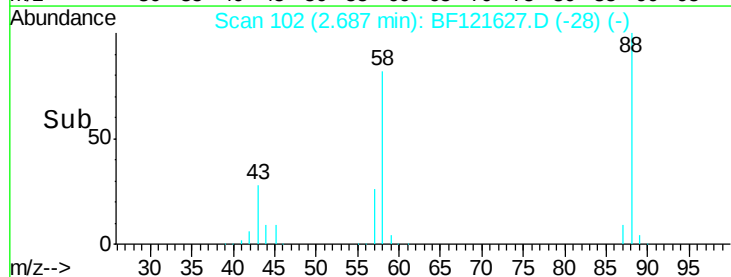
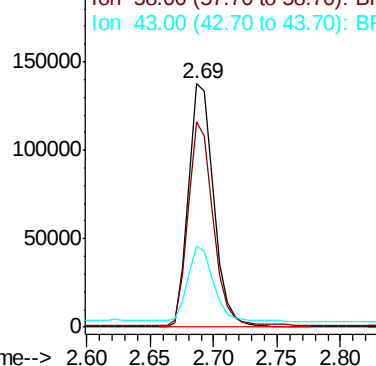


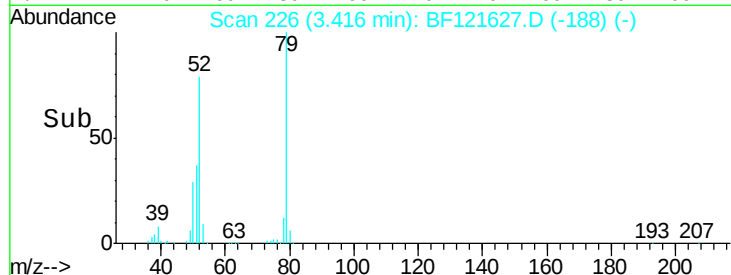
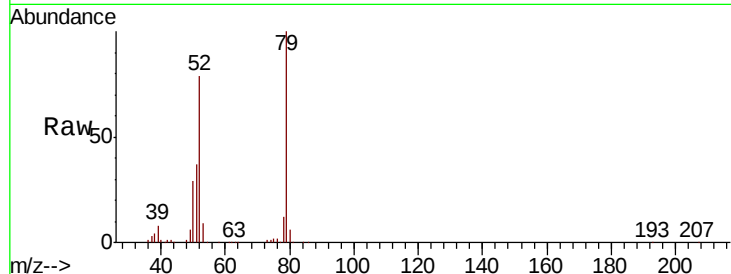
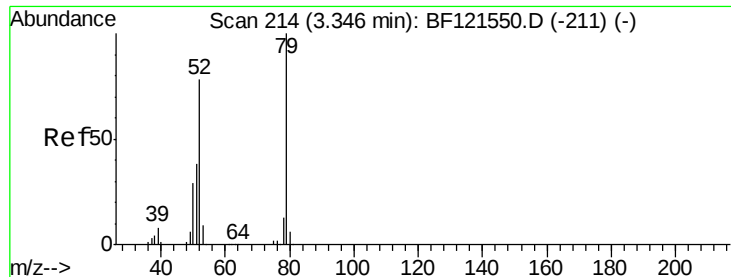
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





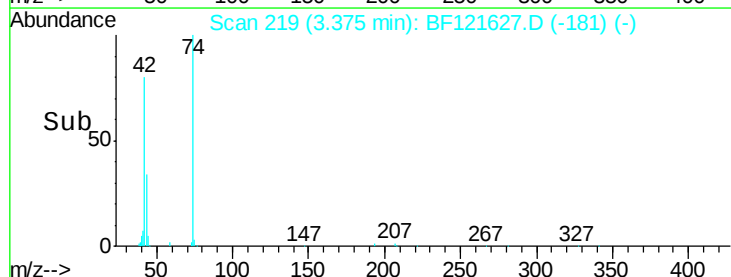
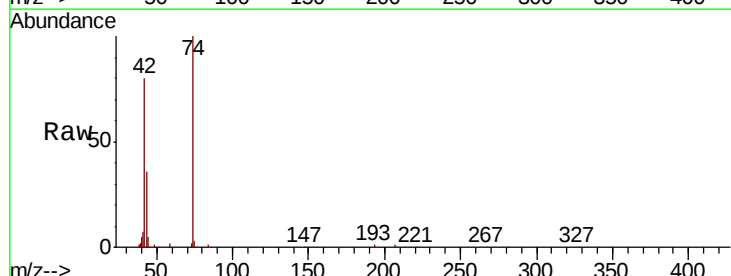
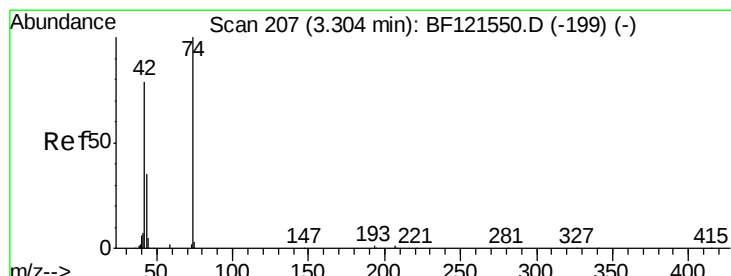
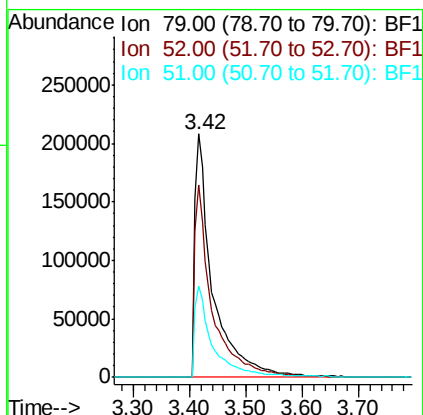
#3
Pvridine
Concen: 31.242 ng
RT: 3.42 min Scan# 226
Delta R.T. 0.12 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tot Ion	Ratio	Resp	Lower	Upper
79	100	455537		
52	79.2	63.4	95.0	
51	37.3	30.7	46.1	

Instrument :
BNA_F
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PB131752BS

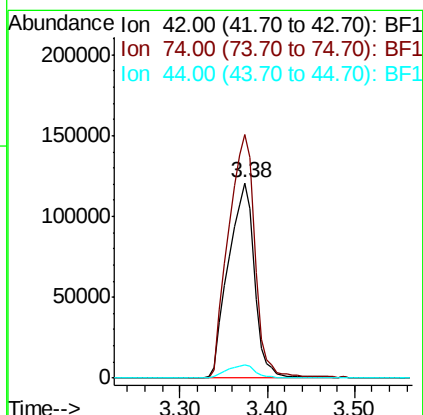
Manual Integrations
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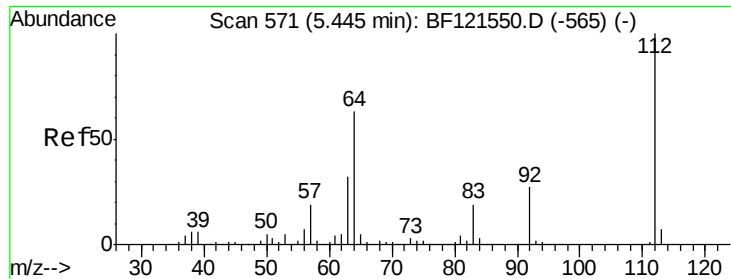
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#4
n-Nitrosodimethylamine
Concen: 36.470 ng
RT: 3.38 min Scan# 219
Delta R.T. 0.12 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	246665		
74	124.7	102.6	154.0	
44	6.7	6.0	9.0	





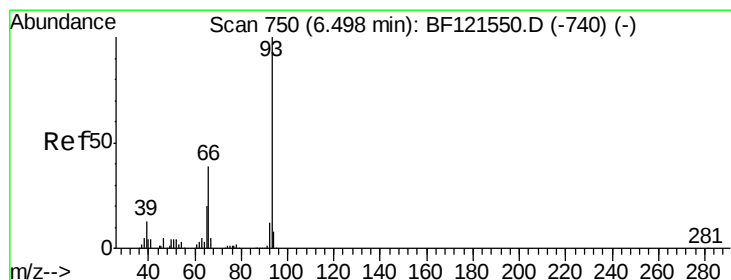
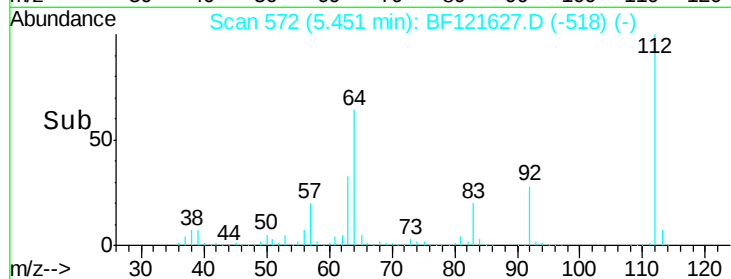
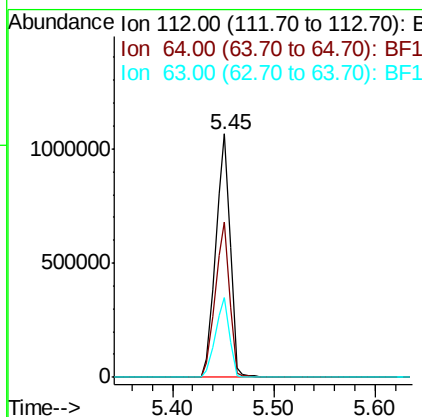
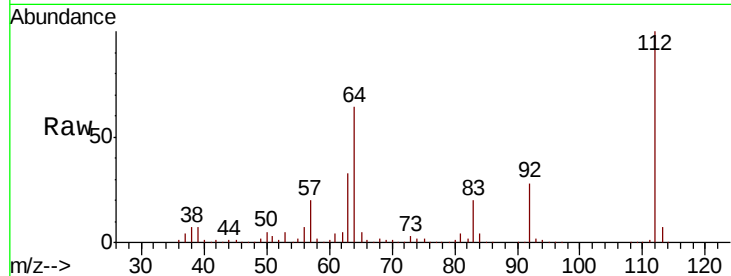
#5
 2-Fluorophenol
 Concen: 92.098 ng
 RT: 5.45 min Scan# 572
 Delta R.T. 0.02 min
 Lab File: BF121627.D
 Acq: 21 Sep 2020 15:22

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:	112	Resp:	1057351
Ion Ratio	Lower	Upper	
112	100		
64	63.9	52.2	78.2
63	33.0	26.6	39.8

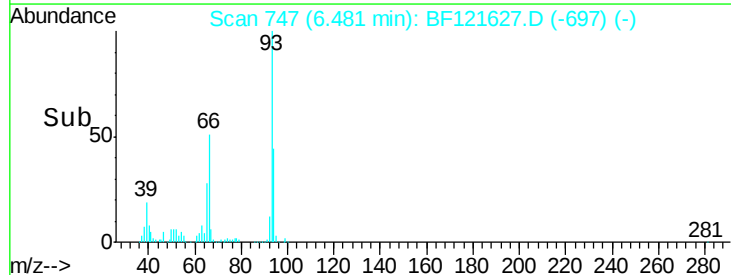
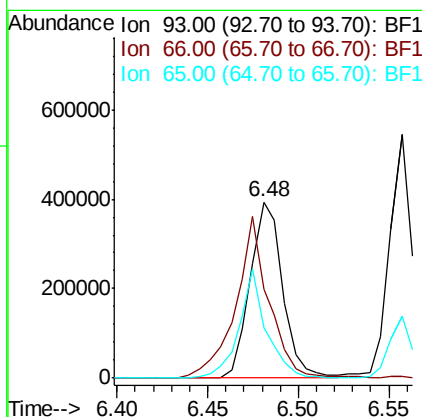
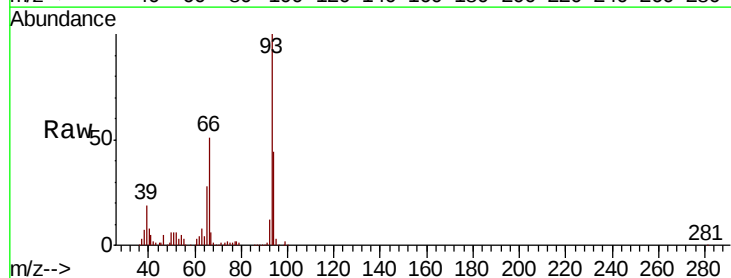
Manual Integrations
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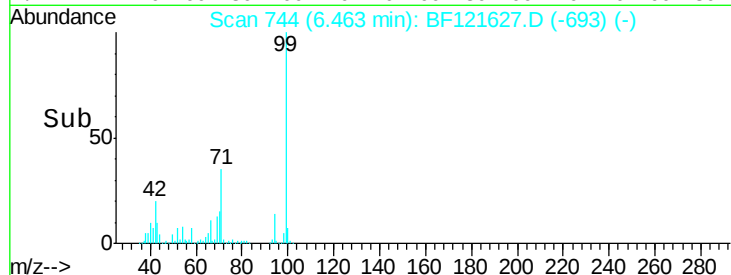
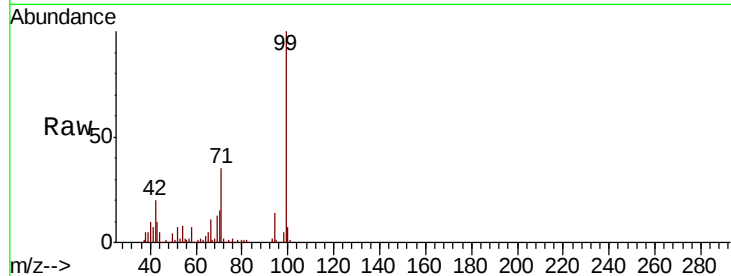
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#6
 Aniline
 Concen: 25.188 ng
 RT: 6.48 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF121627.D
 Acq: 21 Sep 2020 15:22

Tgt Ion:	93	Resp:	494113
Ion Ratio	Lower	Upper	
93	100		
66	50.6	31.9	47.9#
65	28.4	16.1	24.1#





#7

Phenol-d6

Concen: 92.805 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

Tot Ion:	99	Resp:	1397838
Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.5	23.3
71	35.3	27.4	41.2

Instrument :

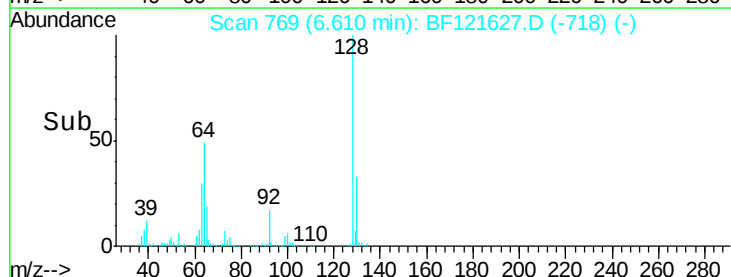
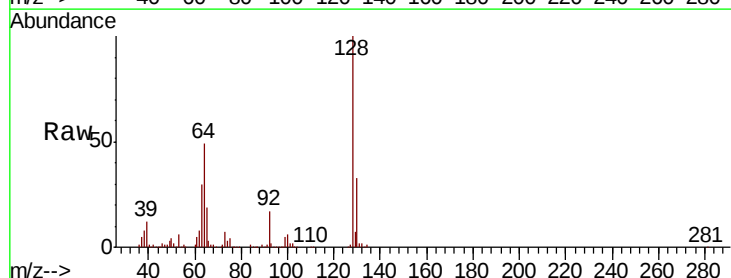
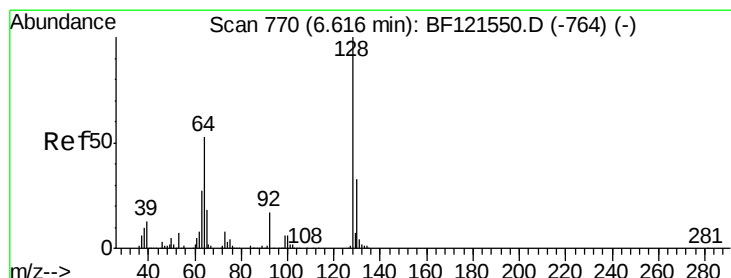
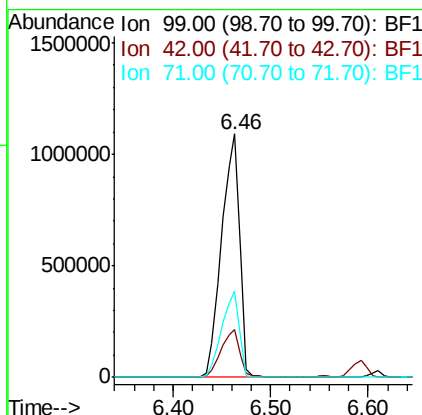
BNA_F

ClientSampled :

PB131752BS

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#8

2-Chlorophenol

Concen: 37.817 ng

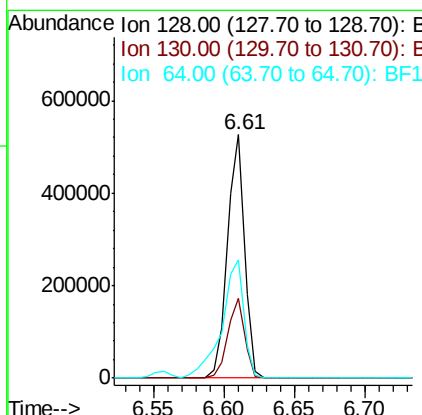
RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

Tgt Ion:	128	Resp:	442048
Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.5	53.5
64	48.6	29.3	69.3





#9

Benzaldehyde

Concen: 26.029 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

Instrument :

BNA_F

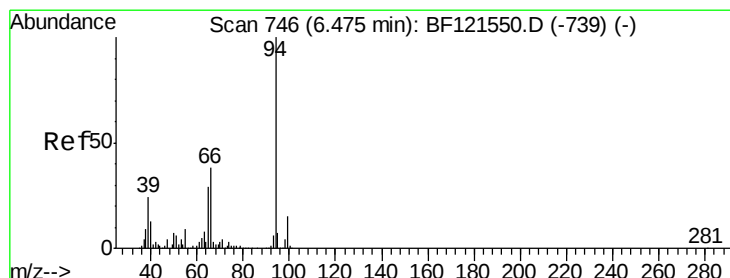
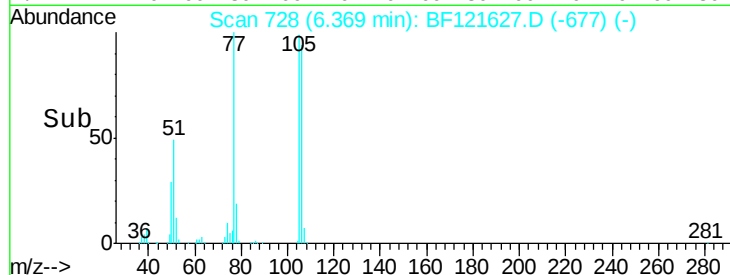
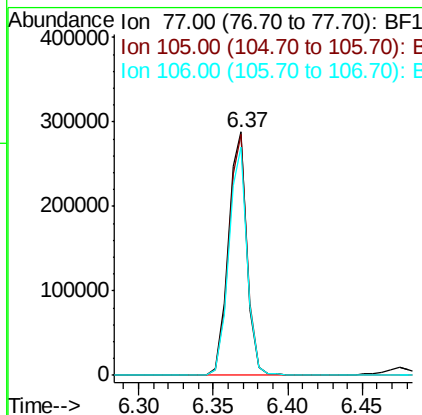
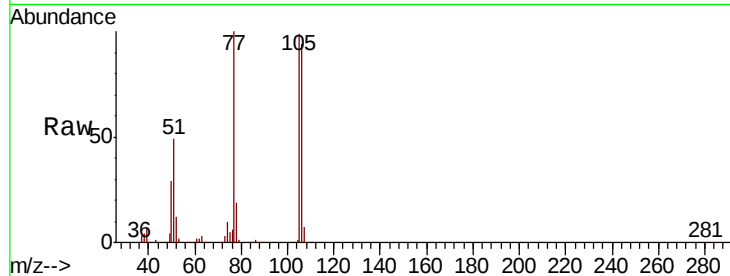
ClientSampleId :

PB131752BS

Tot Ion:	77	Resp:	256297
Ion Ratio	Lower	Upper	
77	100		
105	99.3	79.2	119.2
106	93.9	72.9	112.9

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#10

Phenol

Concen: 34.848 ng

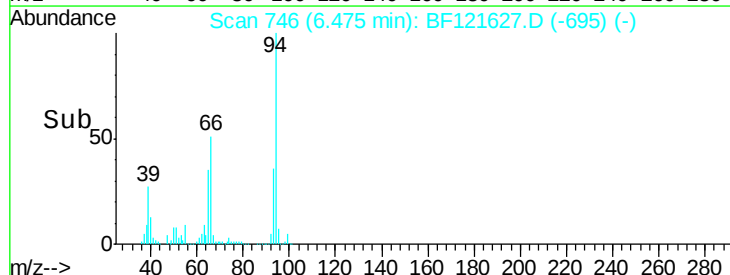
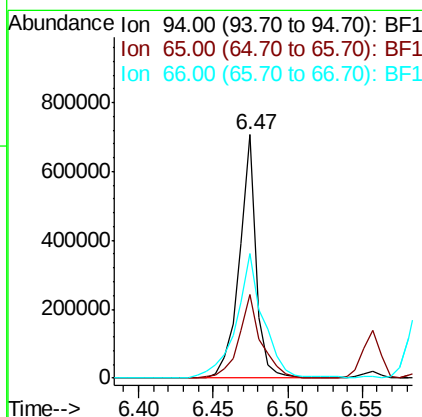
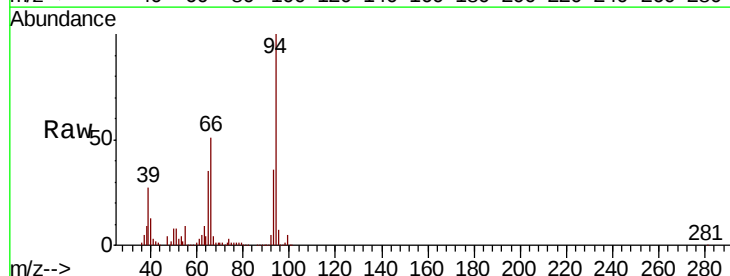
RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

Tgt Ion:	94	Resp:	558942
Ion Ratio	Lower	Upper	
94	100		
65	34.5	17.8	57.8
66	51.1	37.8	77.8





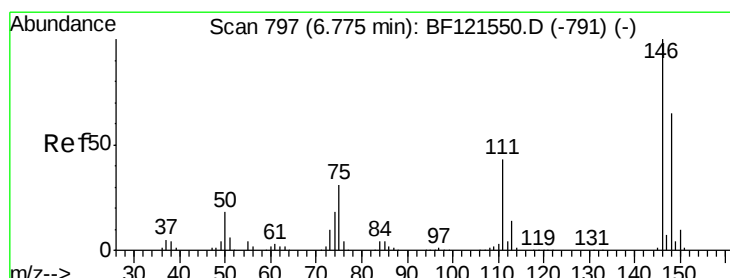
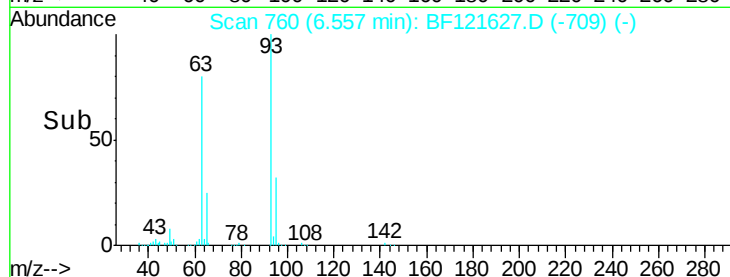
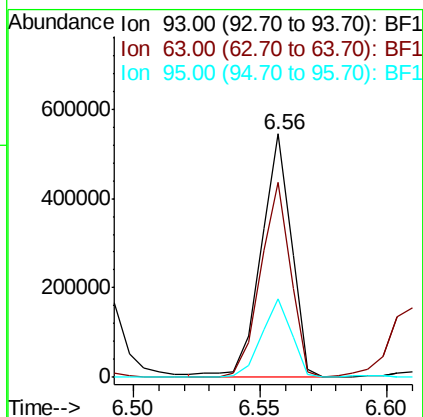
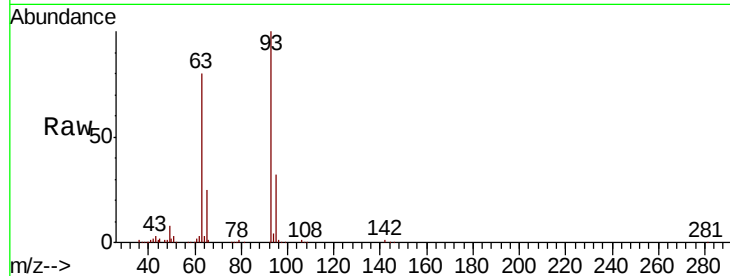
#11
bis(2-Chloroethyl)ether
Concen: 37.385 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB131752BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	451936		
63	79.9	60.3	100.3	
95	32.2	12.6	52.6	

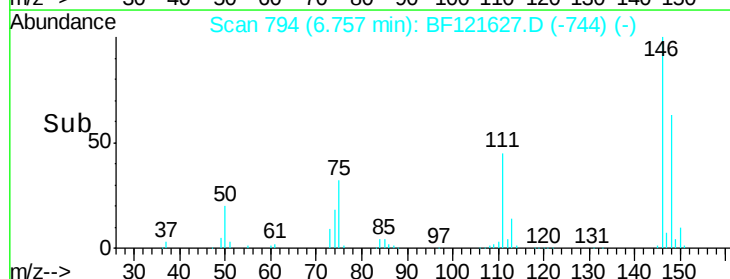
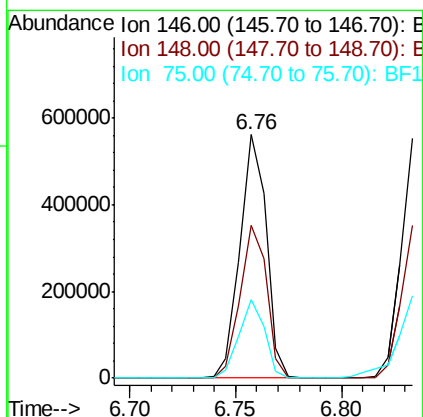
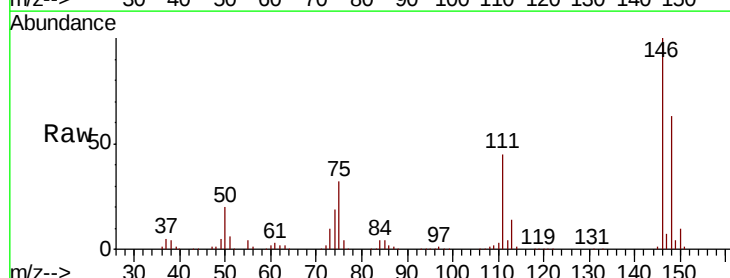
Manual Integrations
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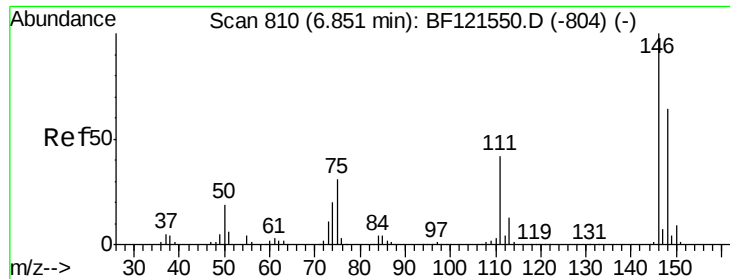
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.244 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	485915		
148	62.9	50.6	75.8	
75	32.4	23.5	35.3	





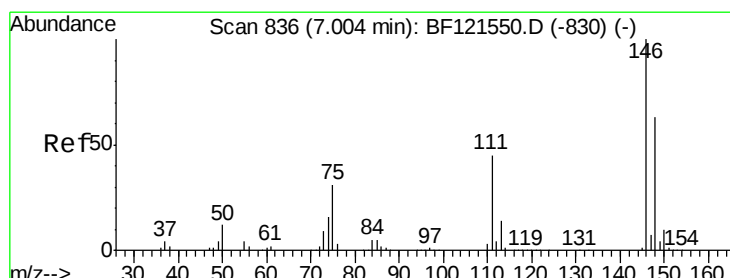
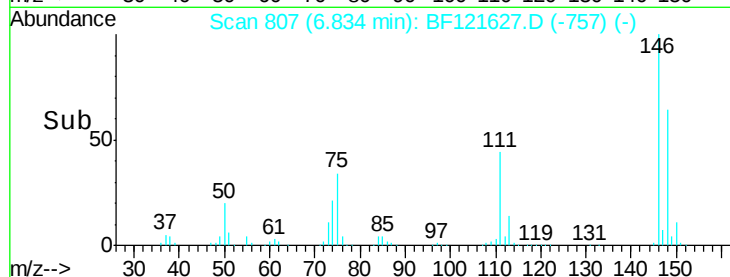
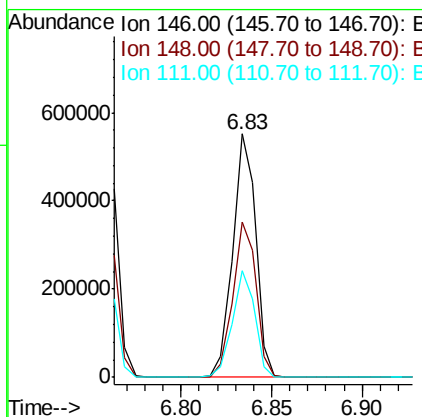
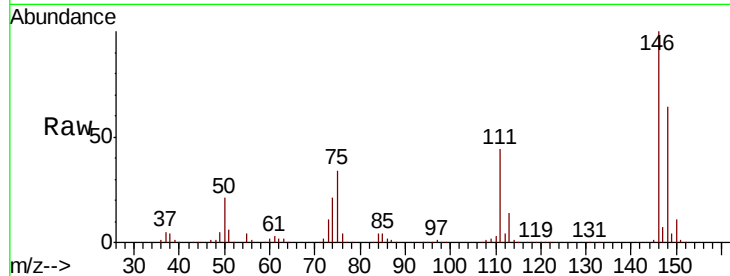
#13
1,4-Dichlorobenzene
Concen: 37.281 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB131752BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.9	77.9
111	43.6	32.7	49.1

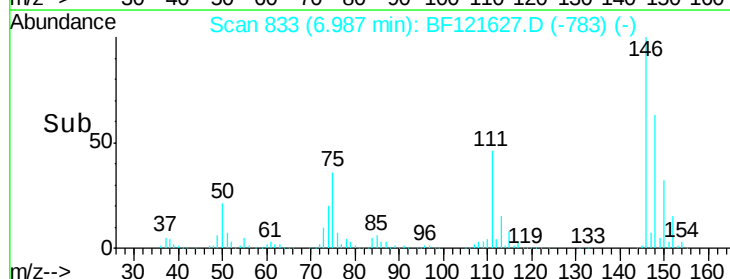
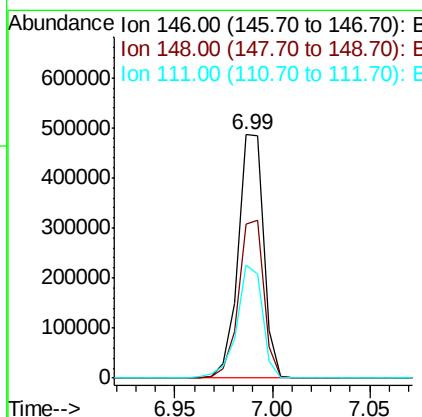
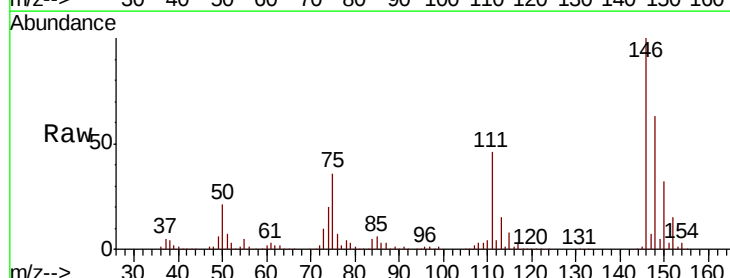
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#14
1,2-Dichlorobenzene
Concen: 36.765 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.3	76.9
111	46.2	35.5	53.3





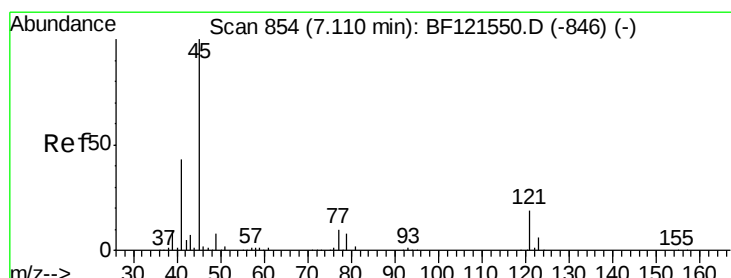
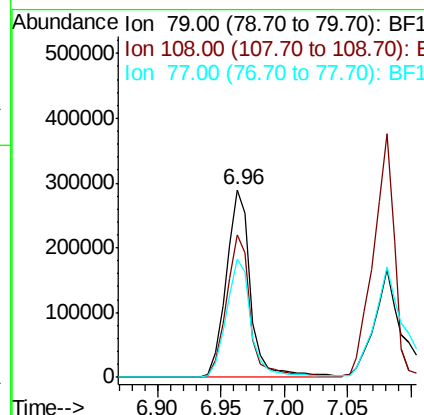
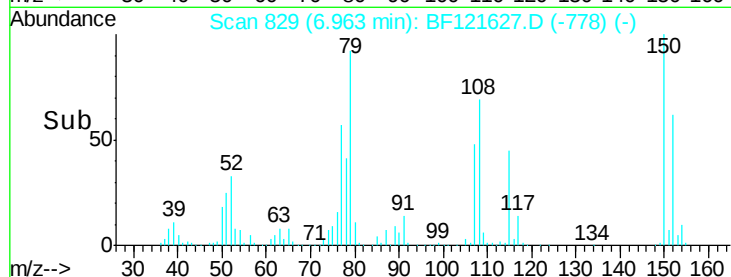
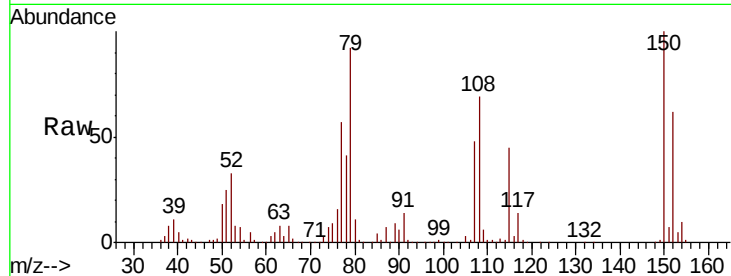
#15
Benzyl Alcohol
Concen: 37.780 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Instrument :
BNA_F
ClientSampleID :
PB131752BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.8	60.2	90.2
77	62.8	50.6	76.0

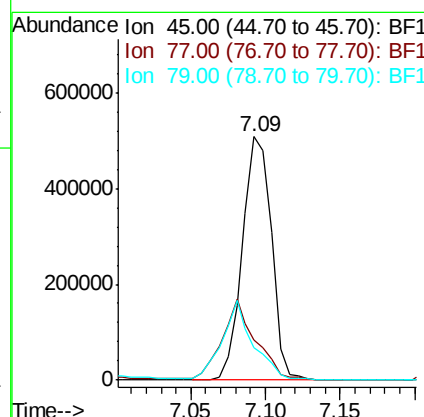
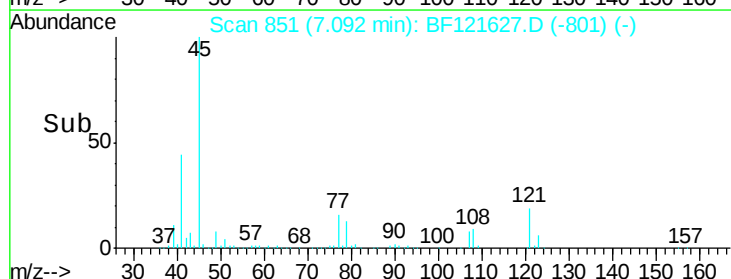
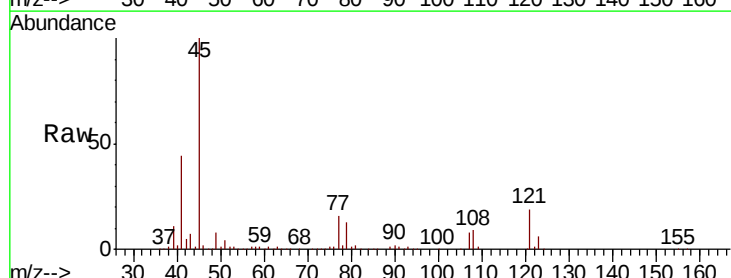
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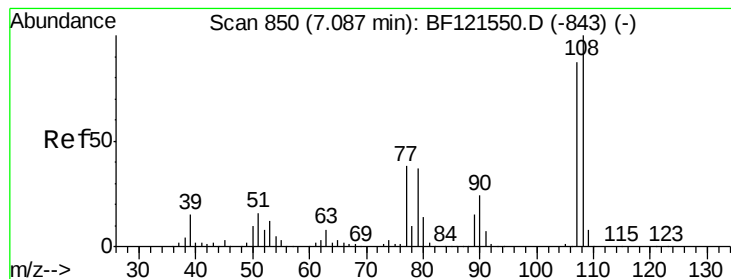
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.331 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.0	33.8
79	13.1	0.0	31.2





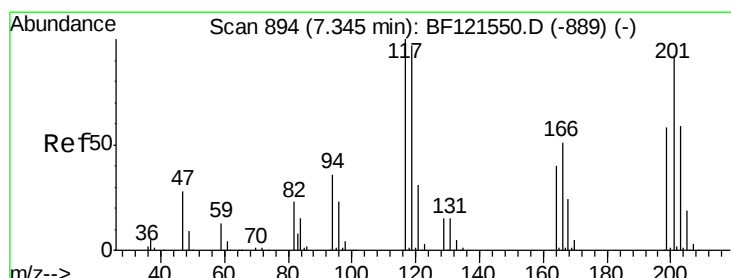
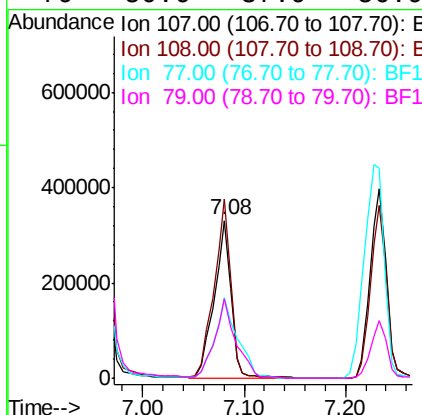
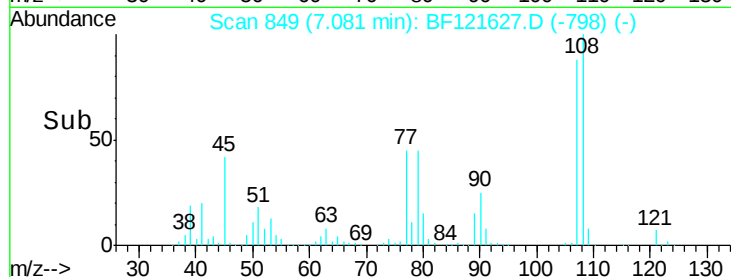
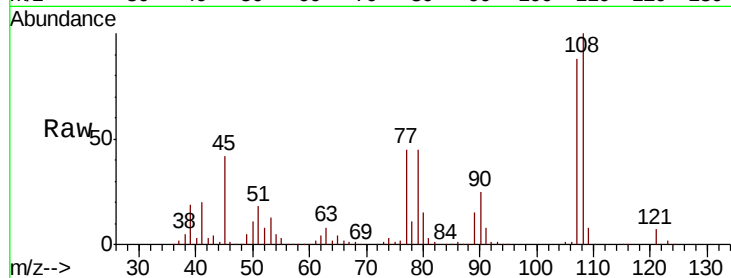
#17
2-Methylphenol
Concen: 38.475 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB131752BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.6	90.6	135.8	
77	51.3	38.7	58.1	
79	50.6	37.9	56.9	

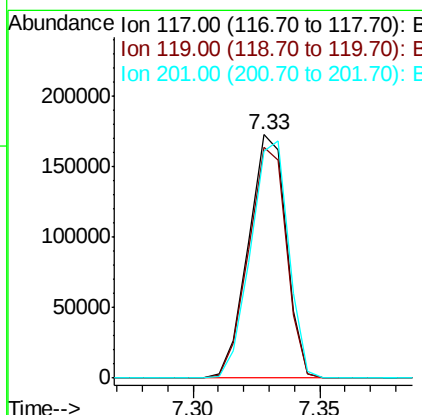
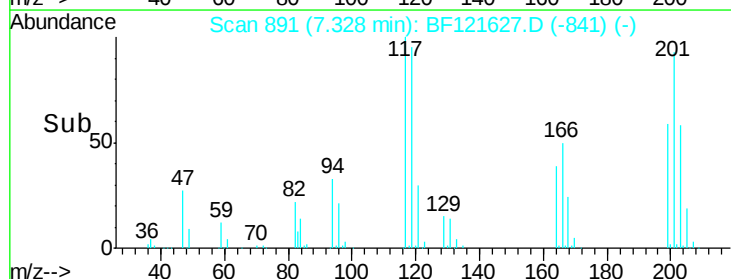
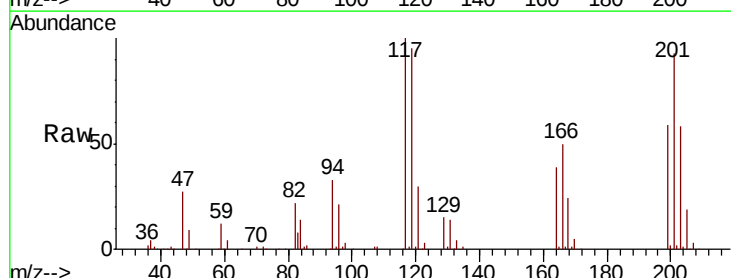
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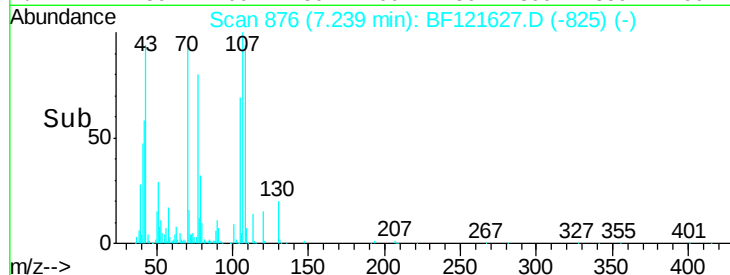
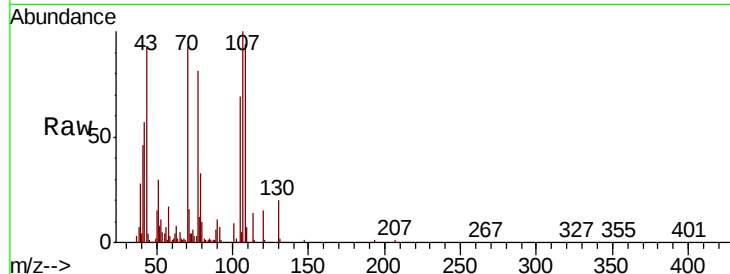
mohammad
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#18
Hexachloroethane
Concen: 38.330 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.7	75.7	113.5	
201	93.1	77.5	116.3	





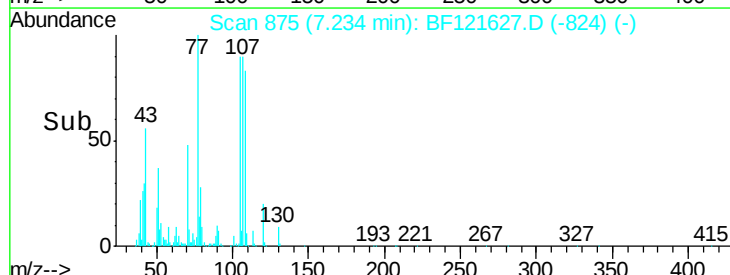
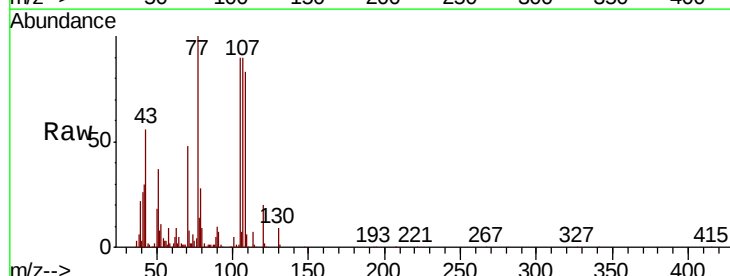
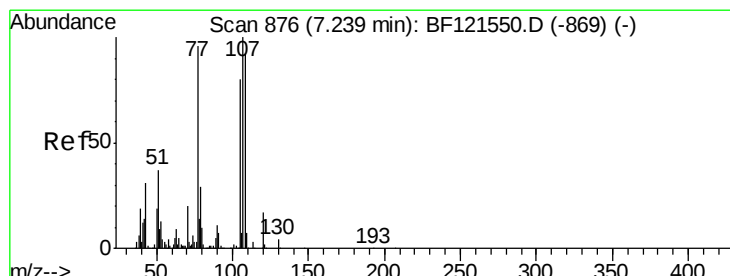
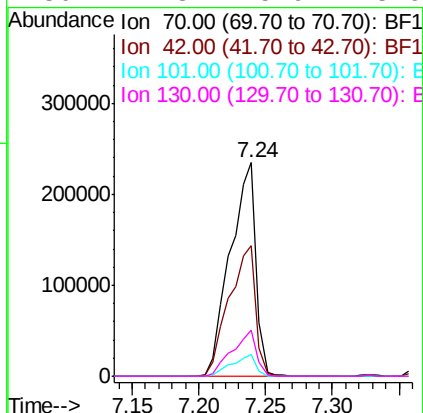
#19
n-Nitroso-di-n-propylamine
Concen: 36.701 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.4	48.3	72.5
101	10.0	7.6	11.4
130	21.3	15.9	23.9

Instrument :
BNA_F
ClientSampleId :
PB131752BS

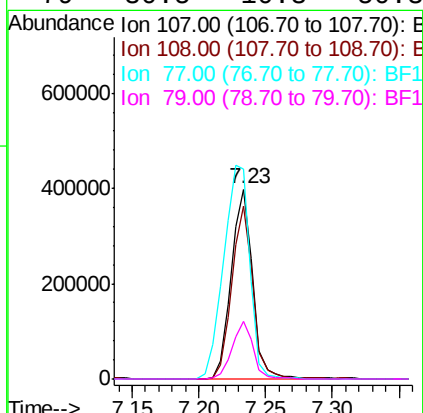
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#20
3+4-Methylphenols
Concen: 37.362 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.2	67.0	107.0
77	110.5	107.7	147.7
79	30.5	10.3	50.3





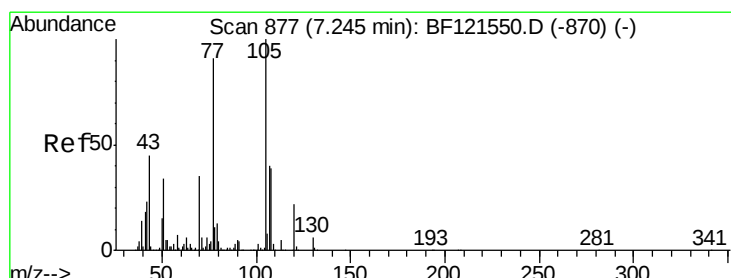
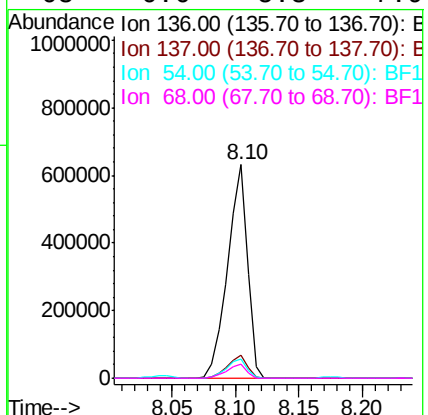
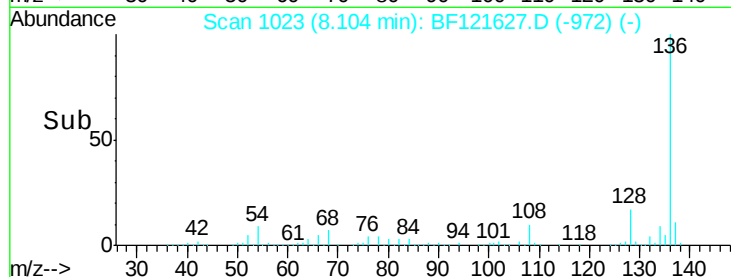
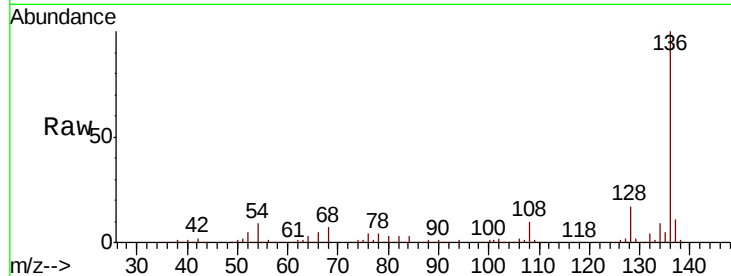
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB131752BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	683380		
137	11.0	8.9	13.3	
54	8.7	7.4	11.0	
68	6.6	5.3	7.9	

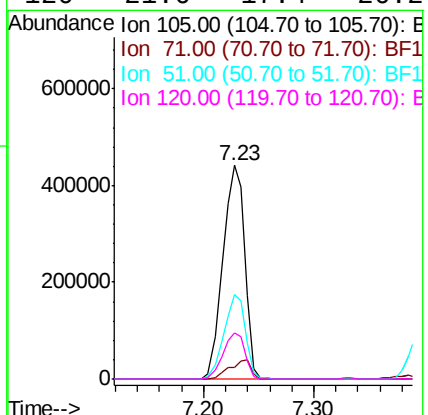
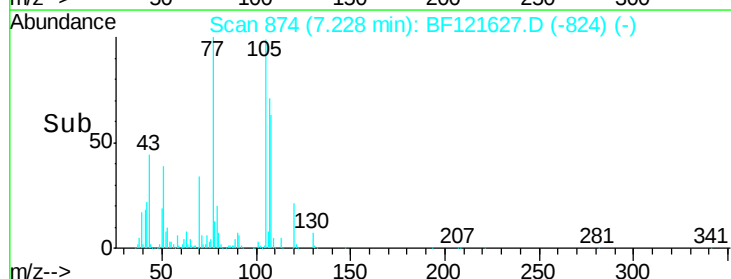
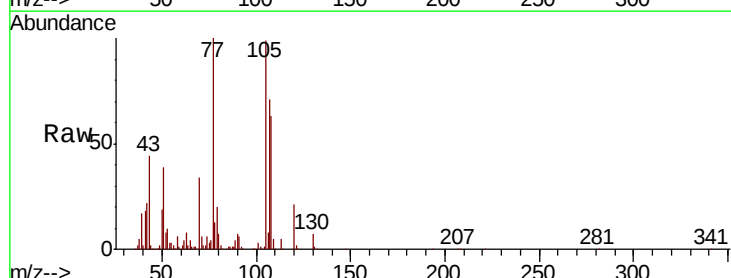
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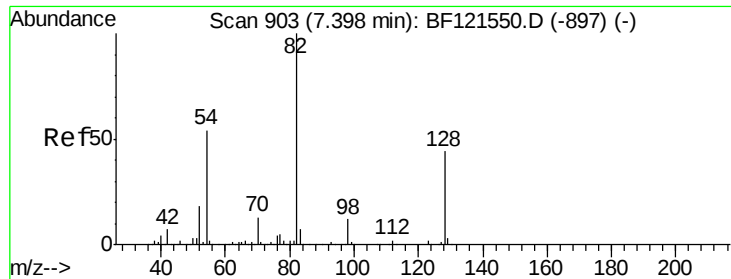
mohammad
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#22
Acetophenone
Concen: 35.296 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	611975		
71	5.6	5.5	8.3	
51	39.3	31.7	47.5	
120	21.6	17.4	26.2	





#23

Nitrobenzene-d5

Concen: 94.296 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

Instrument :

BNA_F

ClientSampleId :

PB131752BS

Tot Ion: 82 Resp: 1200187

Ion Ratio Lower Upper

82 100

128 43.3 33.9 50.9

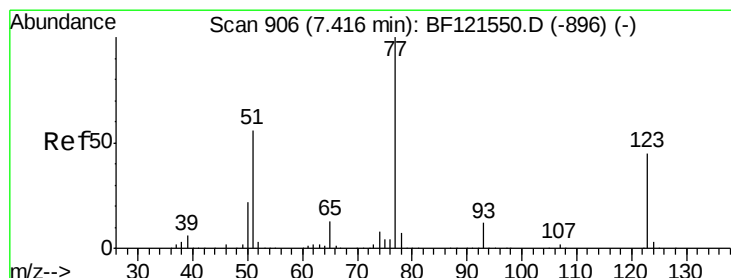
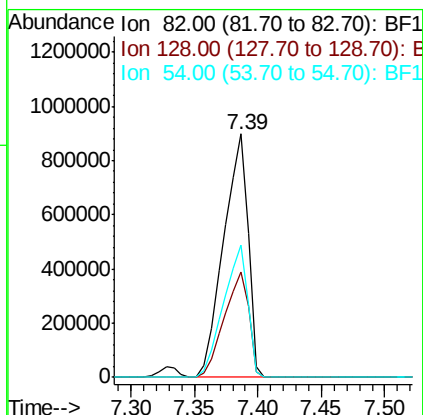
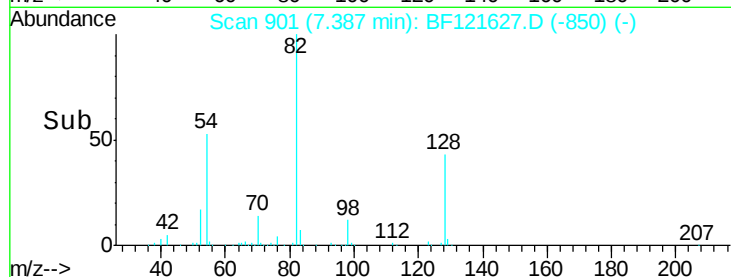
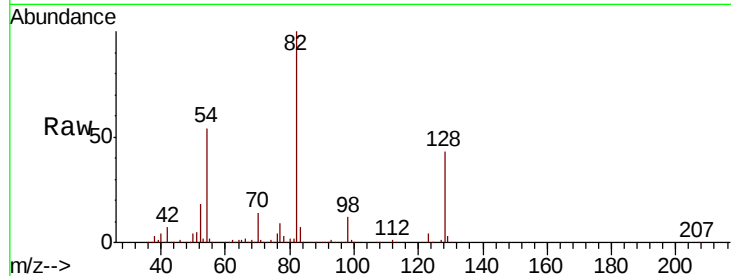
54 54.1 42.9 64.3

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#24

Nitrobenzene

Concen: 35.776 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

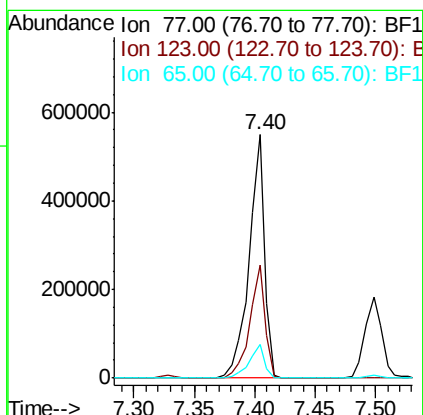
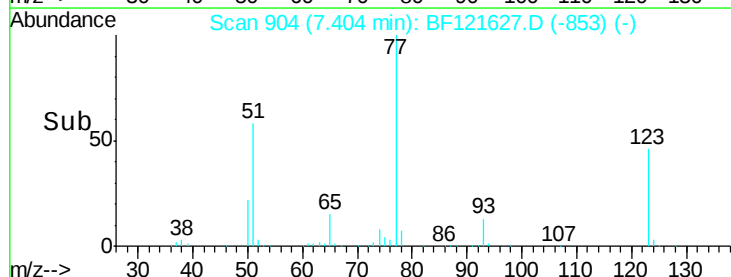
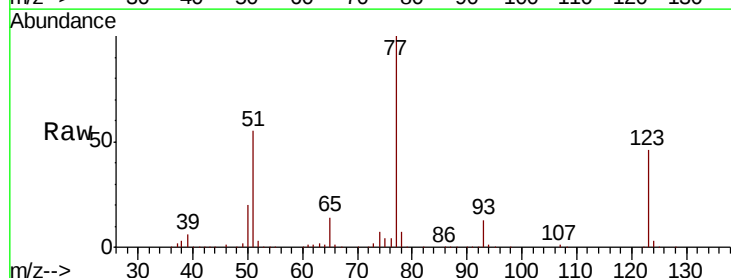
Tgt Ion: 77 Resp: 492481

Ion Ratio Lower Upper

77 100

123 46.3 35.8 53.8

65 13.7 11.2 16.8





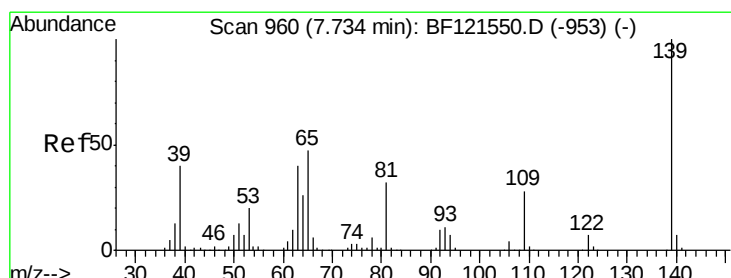
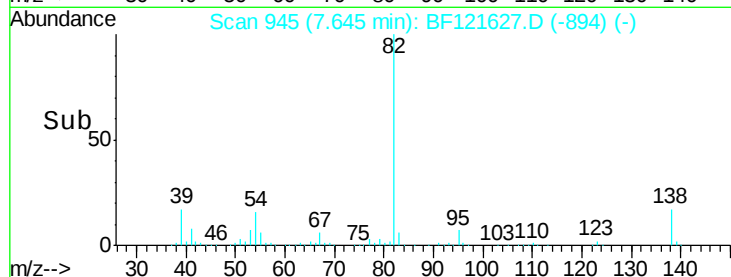
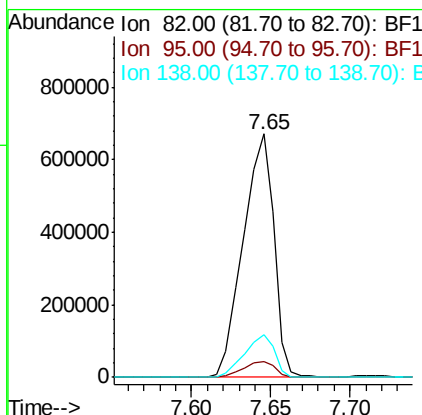
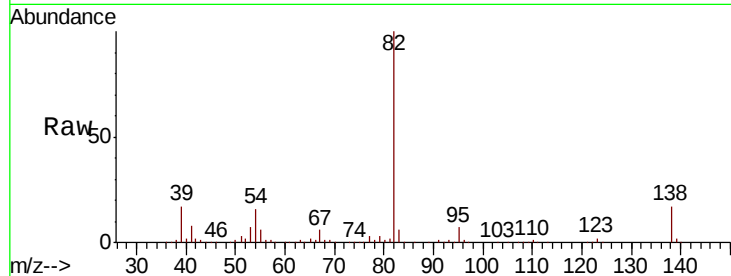
#25
Isophorone
Concen: 35.215 ng
RT: 7.65 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB131752BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.7	5.8	8.6	
138	17.4	13.2	19.8	

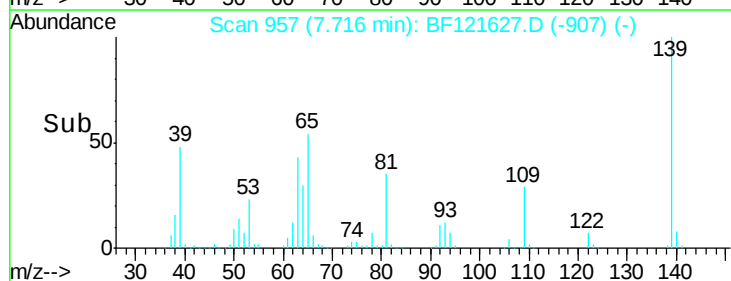
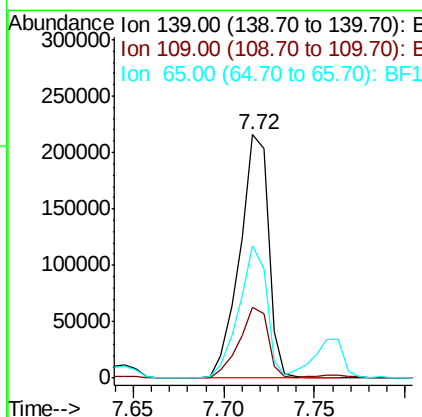
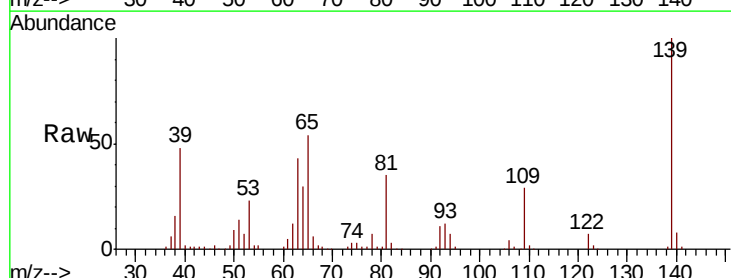
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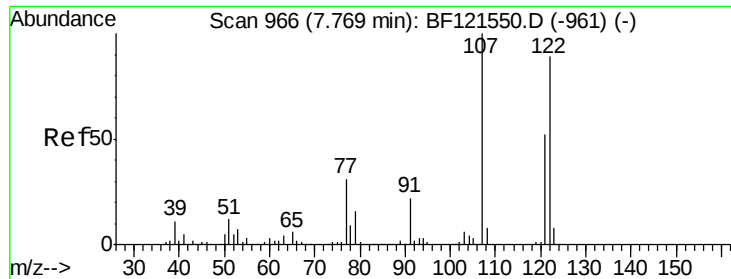
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#26
2-Nitrophenol
Concen: 37.387 ng
RT: 7.72 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	29.3	23.4	35.2	
65	54.2	41.0	61.4	





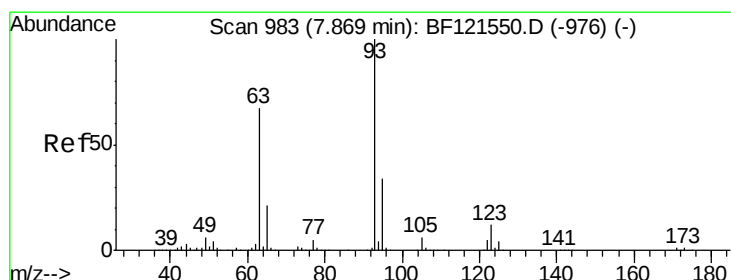
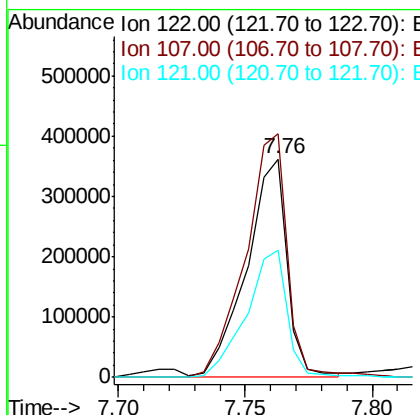
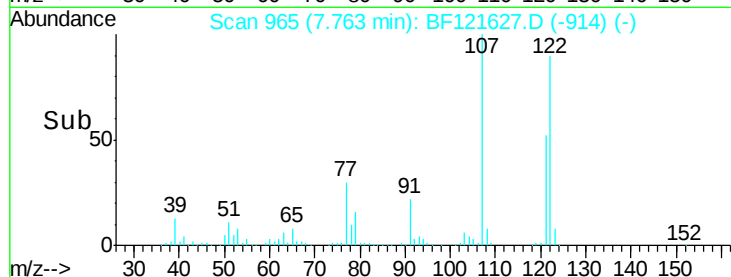
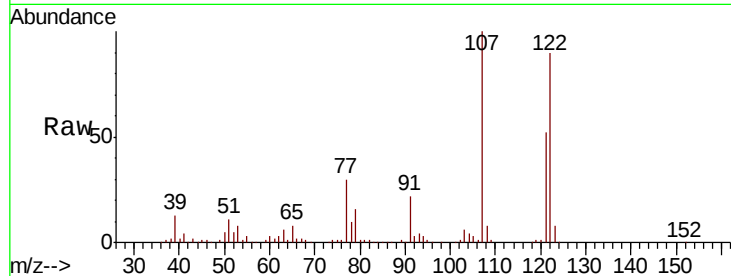
#27
2,4-Dimethylphenol
Concen: 35.531 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Instrument :
BNA_F
ClientSampled :
PB131752BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	406359		
107	111.4	91.4	137.0	
121	58.4	46.2	69.2	

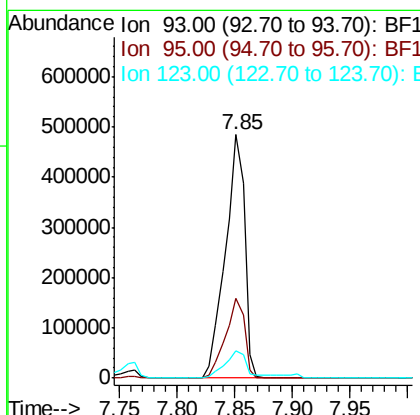
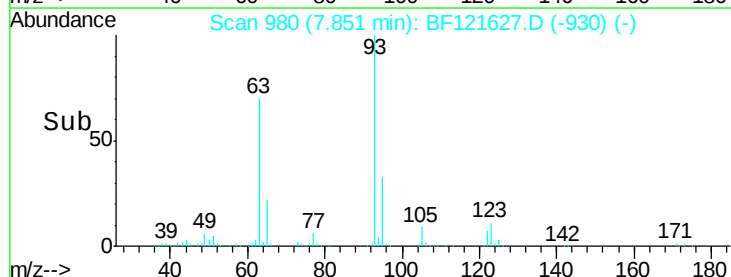
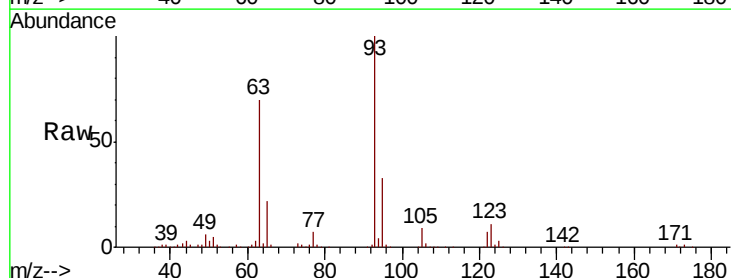
Manual Integrations
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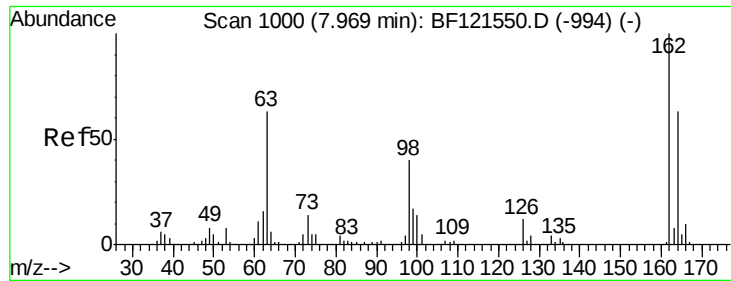
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#28
bis(2-Chloroethoxy)methane
Concen: 35.368 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	560990		
95	32.6	26.3	39.5	
123	11.3	9.3	13.9	





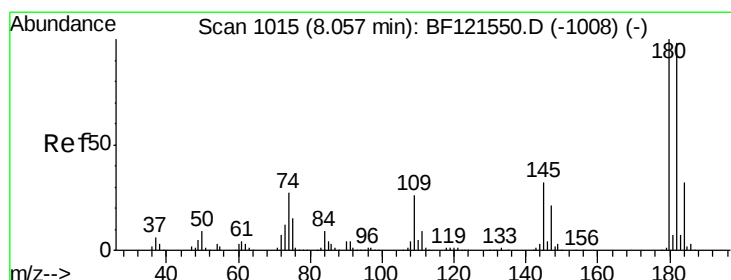
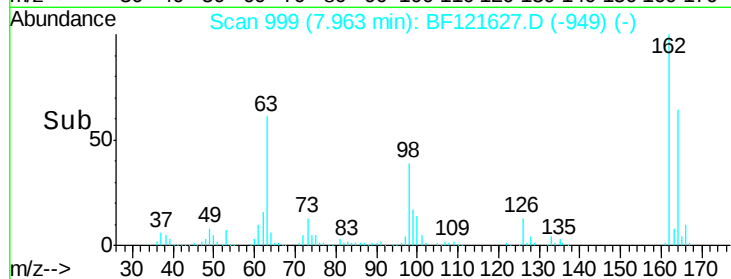
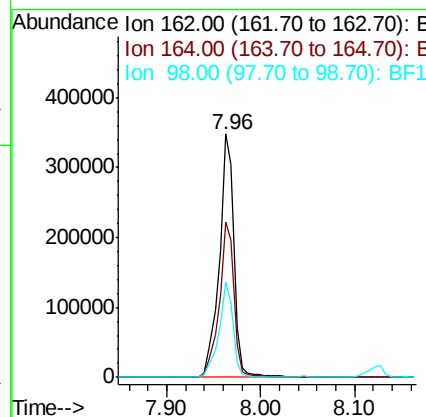
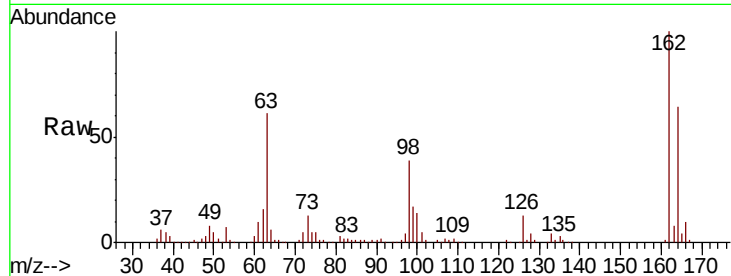
#29
2,4-Dichlorophenol
Concen: 36.963 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB131752BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.6	44.1	84.1
98	39.0	16.7	56.7

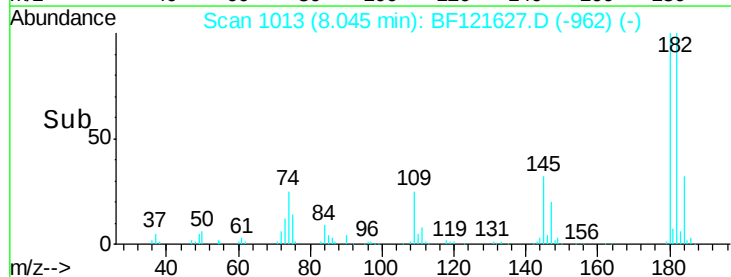
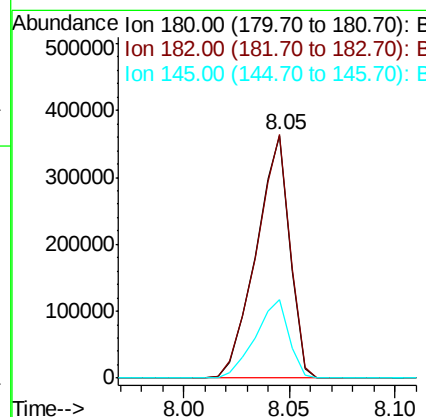
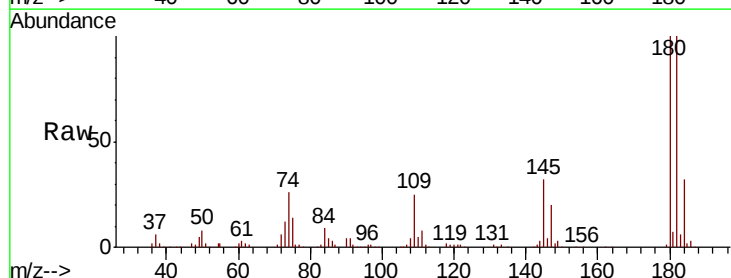
Manual Integrations
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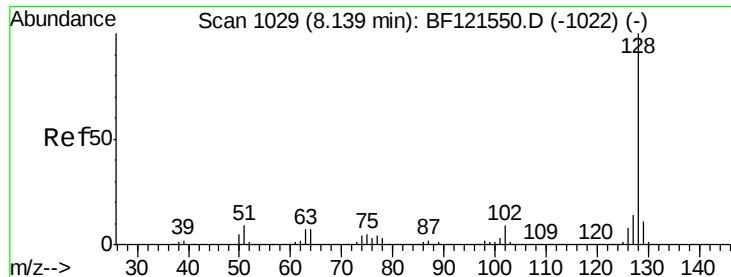
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#30
1,2,4-Trichlorobenzene
Concen: 36.469 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	100.2	78.6	117.8
145	32.5	26.2	39.2





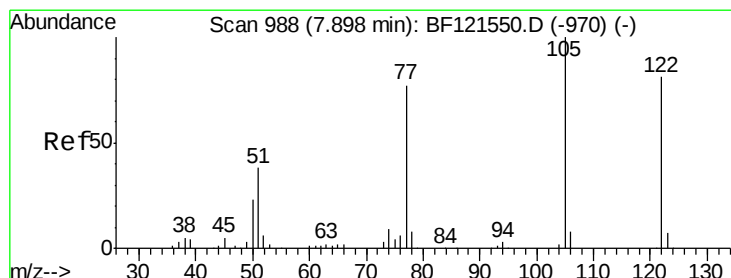
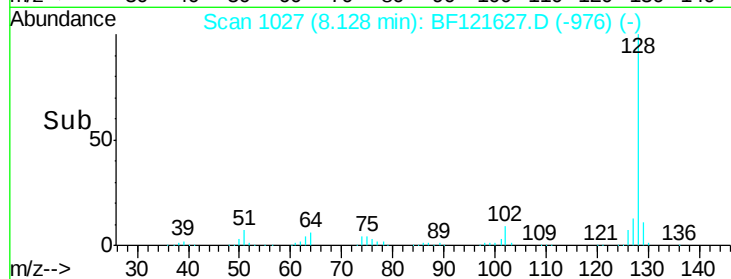
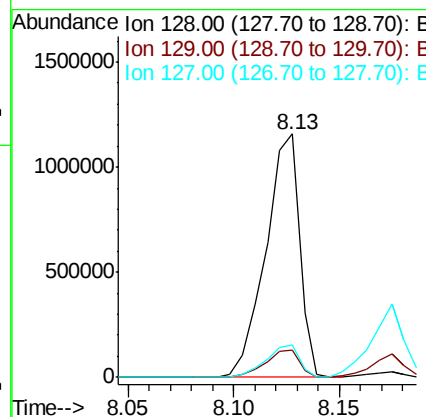
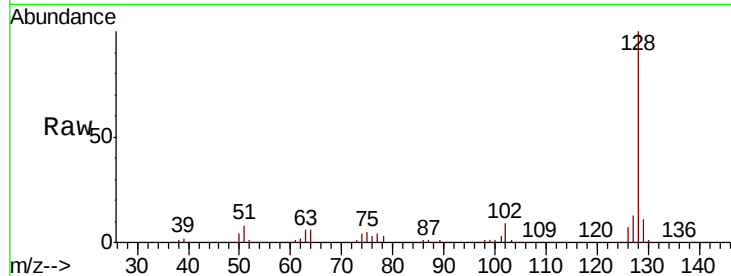
#31
Naphthalene
Concen: 35.986 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB131752BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.4	10.8	16.2

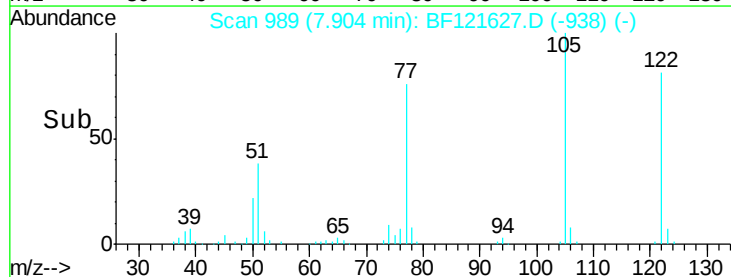
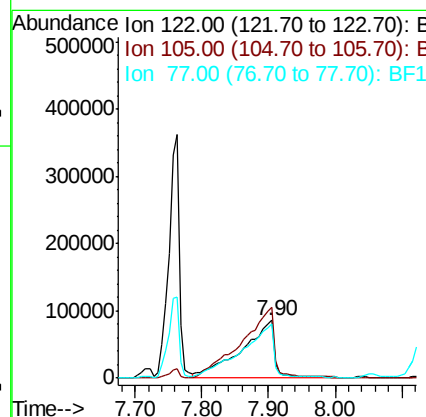
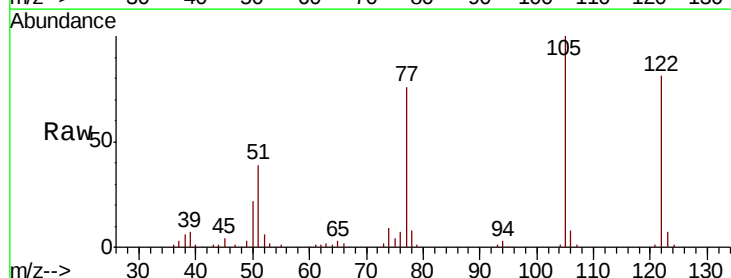
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#32
Benzoic acid
Concen: 35.768 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.7	101.9	141.9
77	94.4	69.0	109.0





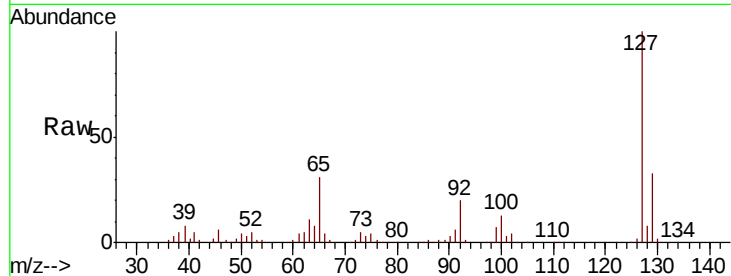
#33
4-Chloroaniline
Concen: 25.532 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB131752BS

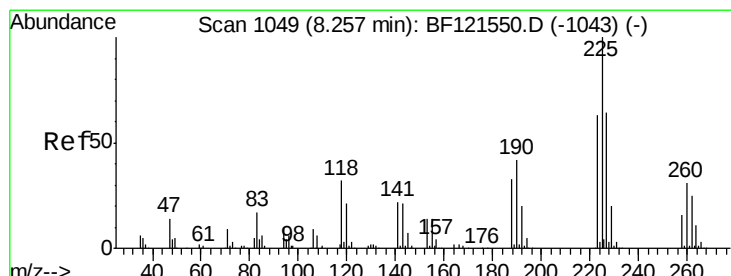
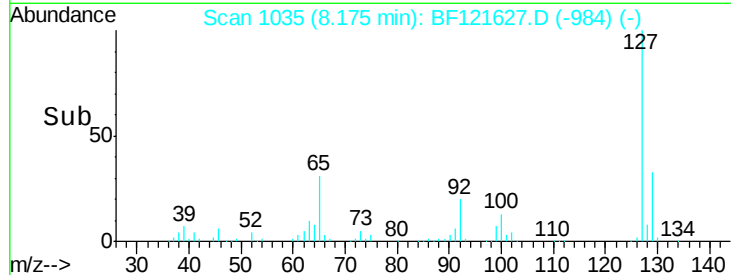
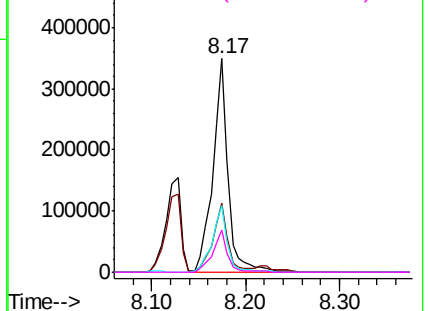
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	25.8	38.8		
65	31.2	26.3	39.5		
92	19.7	16.2	24.4		

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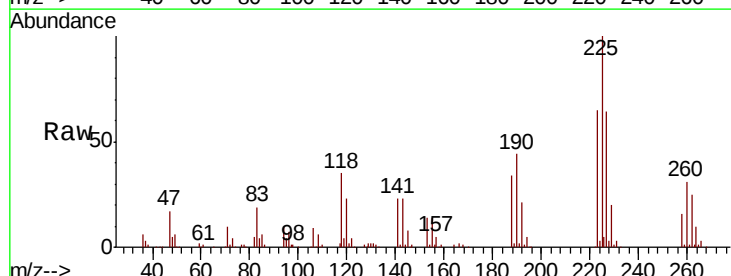


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

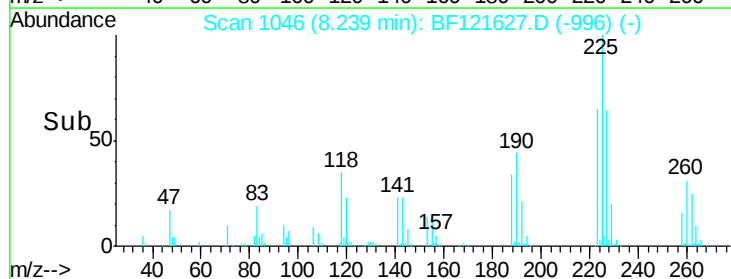
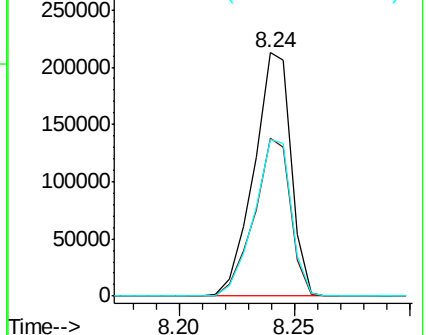


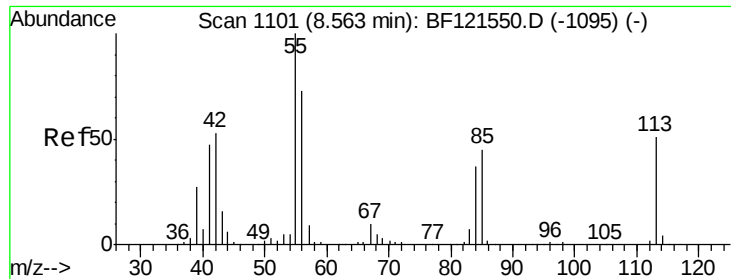
#34
Hexachlorobutadiene
Concen: 36.973 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.8	51.4	77.2		
227	64.3	51.7	77.5		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





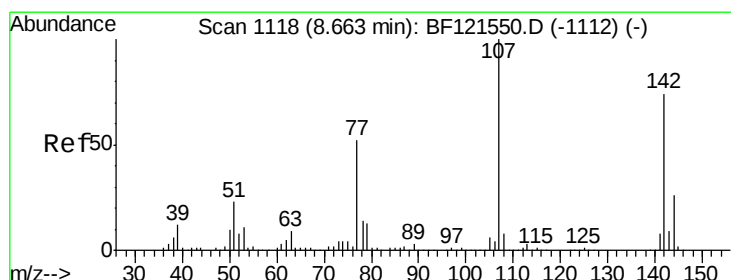
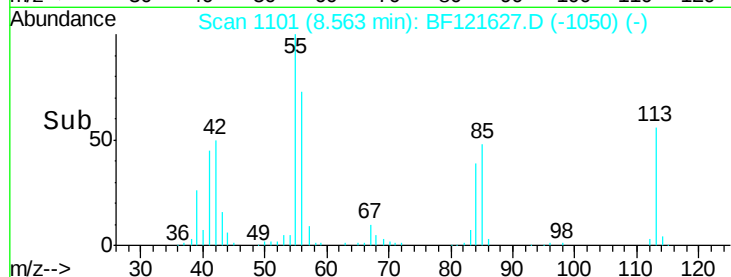
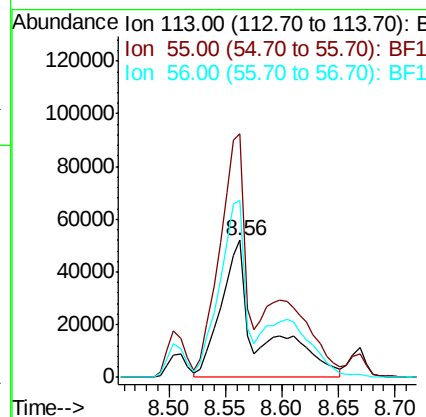
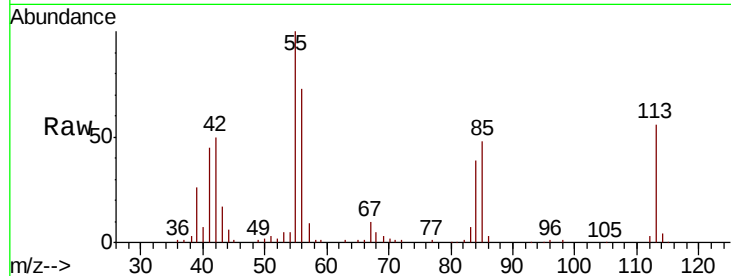
#35
 Caprolactam
 Concen: 36.147 ng/ml
 RT: 8.56 min Scan# 1101
 Delta R.T. 0.00 min
 Lab File: BF121627.D
 Acq: 21 Sep 2020 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB131752BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	177.8	166.3	206.3
56	129.7	118.7	158.7

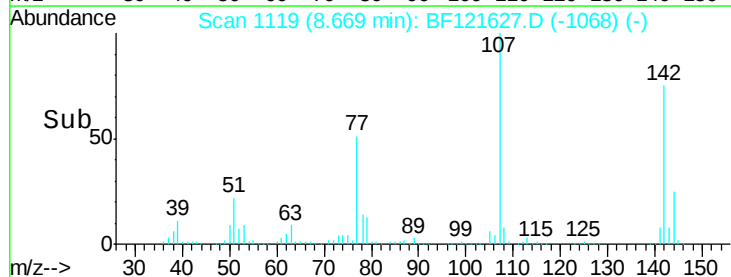
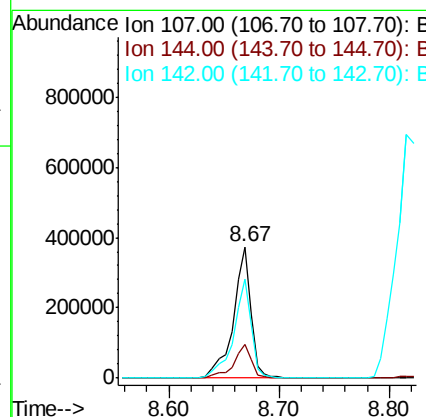
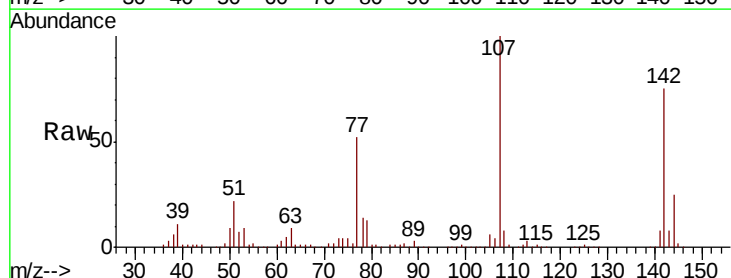
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#36
 4-Chloro-3-methylphenol
 Concen: 37.487 ng/ml
 RT: 8.67 min Scan# 1119
 Delta R.T. 0.00 min
 Lab File: BF121627.D
 Acq: 21 Sep 2020 15:22

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.6	31.0
142	75.5	61.7	92.5





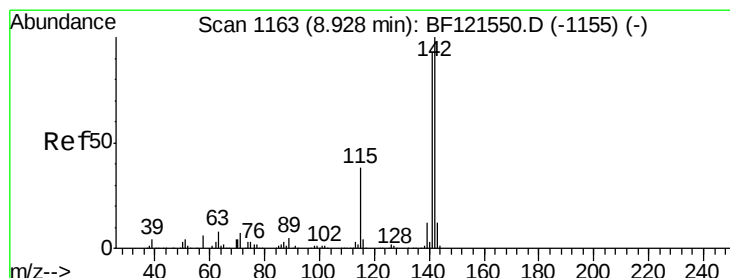
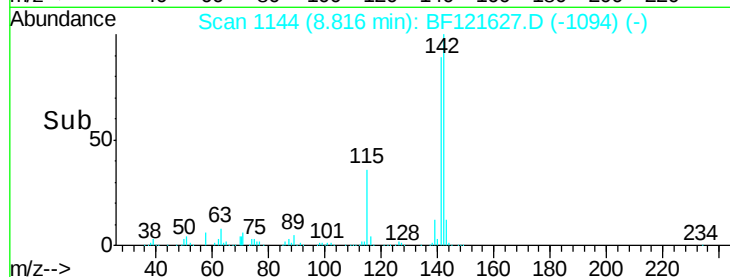
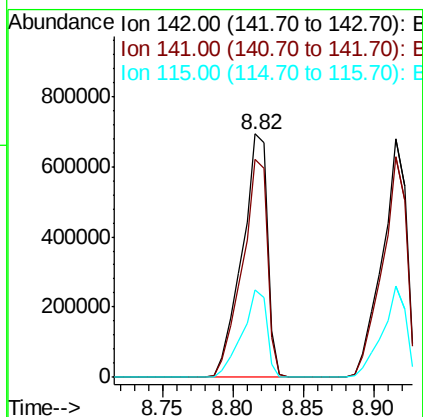
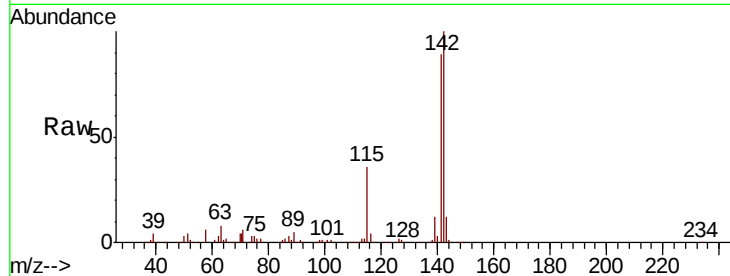
#37
2-Methylnaphthalene
Concen: 36.905 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB131752BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.2	108.2
115	36.1	28.5	42.7

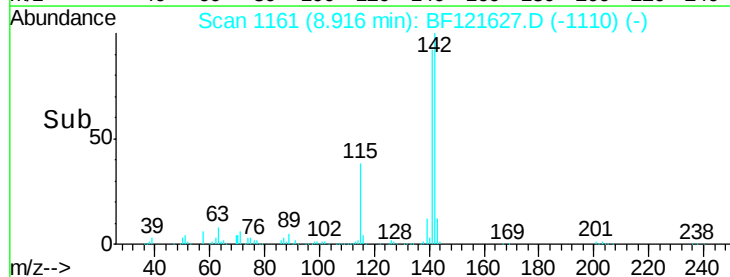
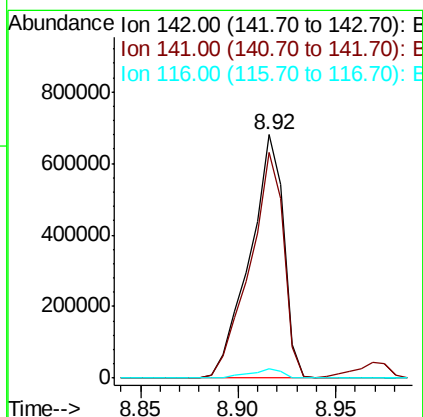
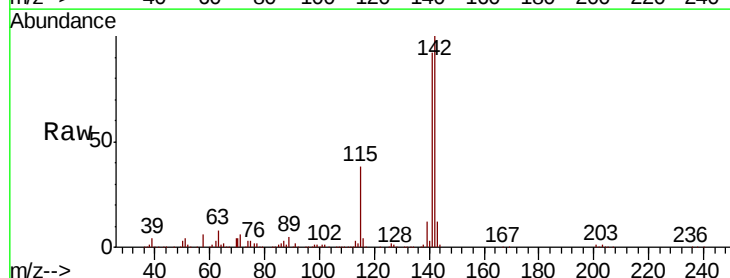
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#38
1-Methylnaphthalene
Concen: 37.236 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.8	110.8
116	3.9	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

Instrument :

BNA_F

ClientSampleId :

PB131752BS

Tot Ion:164 Resp: 371989

Ion Ratio Lower Upper

164 100

162 103.3 81.2 121.8

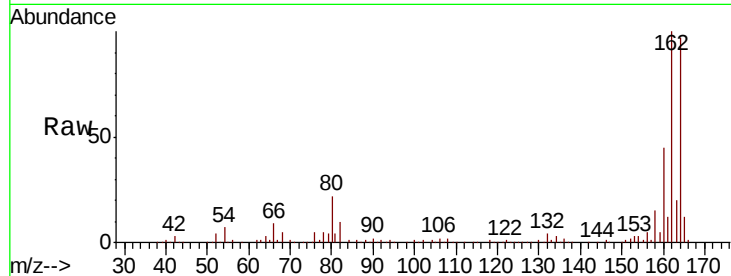
160 46.5 36.2 54.4

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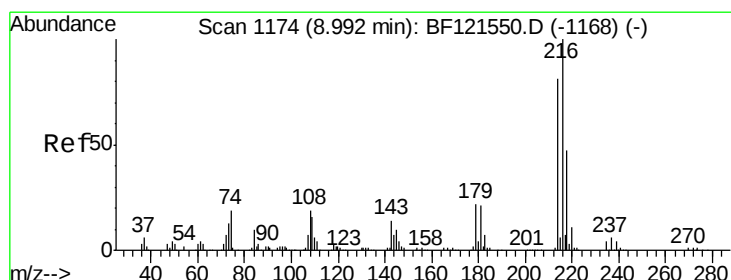
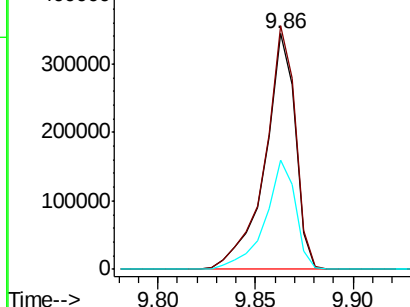
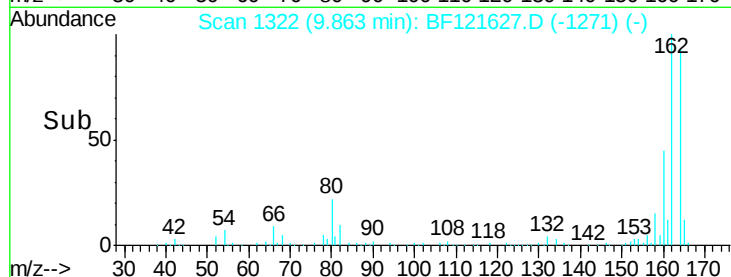
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Abundance Ion 164.00 (163.70 to 164.70): E

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: 34.540 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

Tgt Ion:216 Resp: 401350

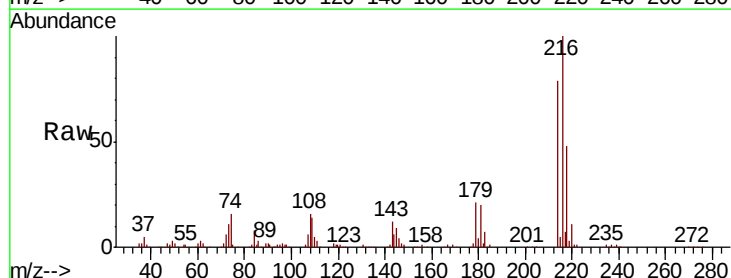
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.4

179 20.9 16.6 24.8

108 21.0 15.2 22.8

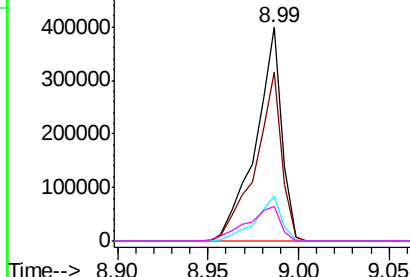
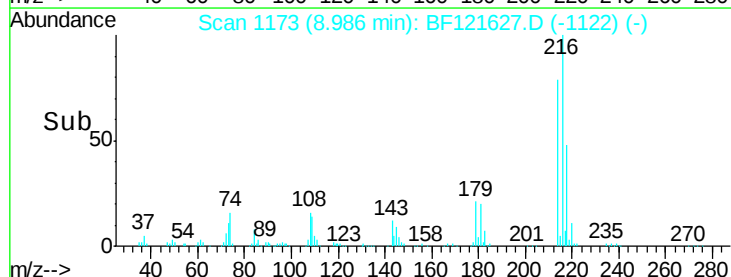


Abundance Ion 216.00 (215.70 to 216.70): E

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: 67.475 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

Instrument :

BNA_F

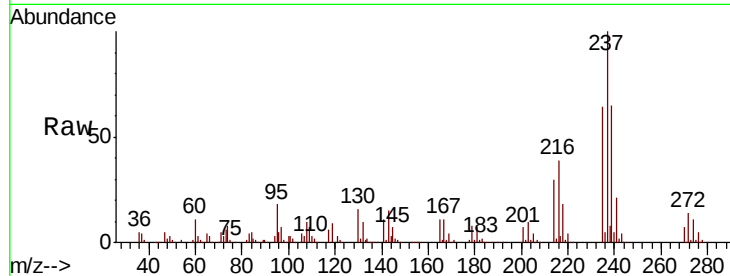
ClientSampleId :

PB131752BS

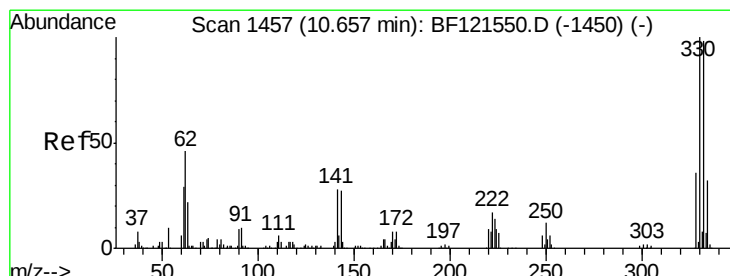
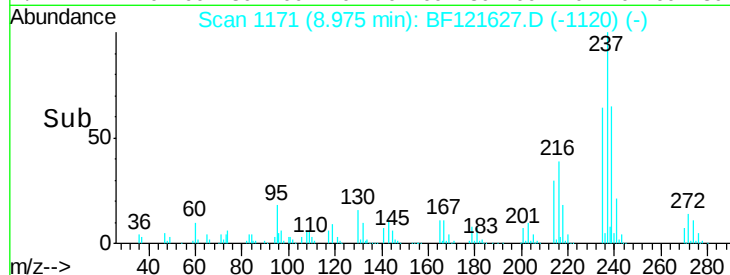
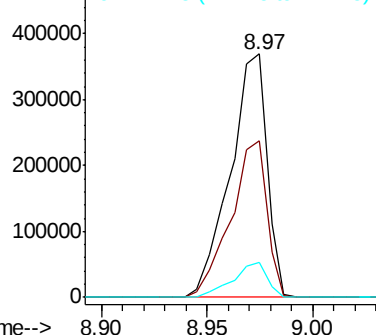
Tot Ion:	237	Resp:	447742
Ion Ratio	Lower	Upper	
237	100		
235	64.1	43.4	83.4
272	14.4	0.0	34.1

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



#42

2,4,6-Tribromophenol

Concen: 99.845 ng

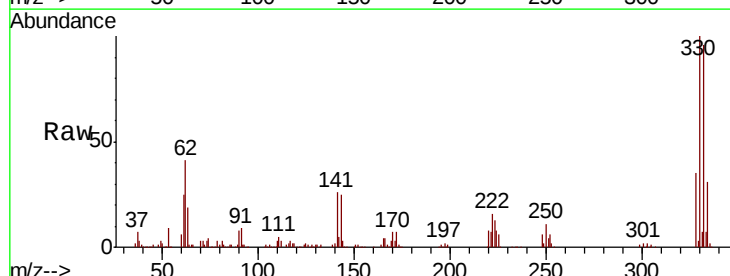
RT: 10.66 min Scan# 1457

Delta R.T. 0.00 min

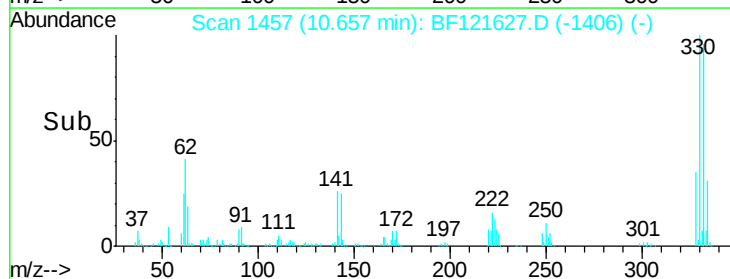
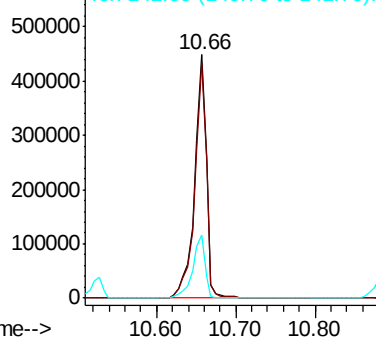
Lab File: BF121627.D

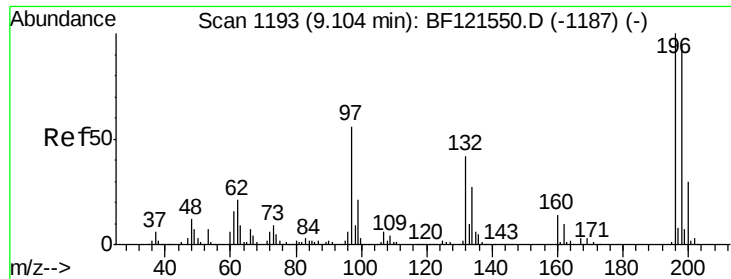
Acq: 21 Sep 2020 15:22

Tgt Ion:	330	Resp:	461618
Ion Ratio	Lower	Upper	
330	100		
332	96.0	76.9	115.3
141	27.3	22.4	33.6



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





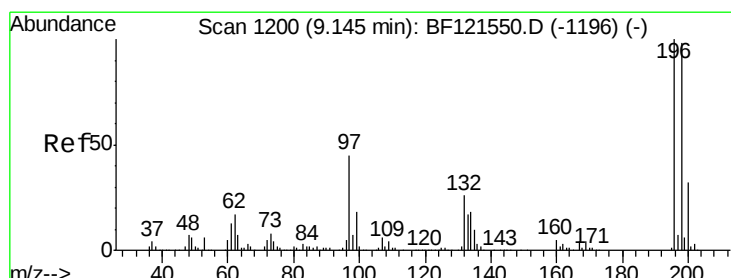
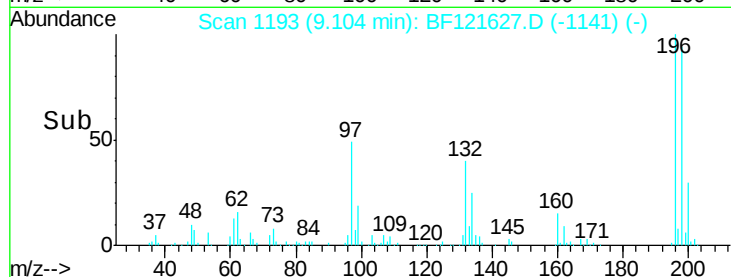
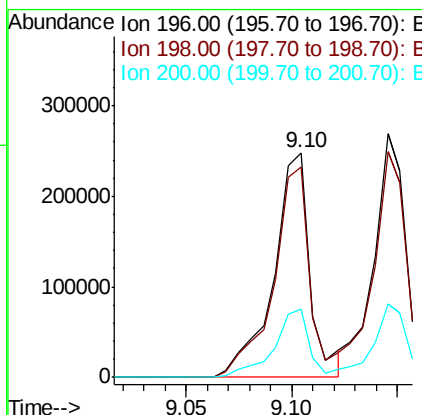
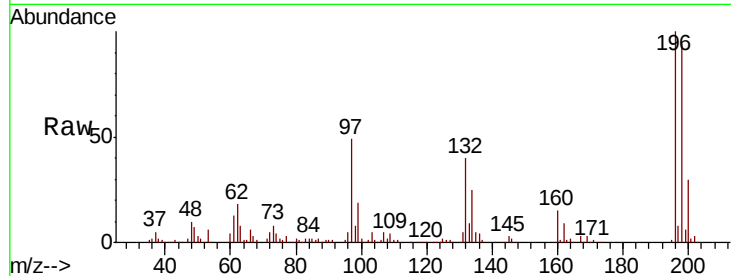
#43
 2,4,6-Trichlorophenol
 Concen: 37.728 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: BF121627.D
 Acq: 21 Sep 2020 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB131752BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	298813		
198	93.8	75.4	113.2	
200	30.4	24.5	36.7	

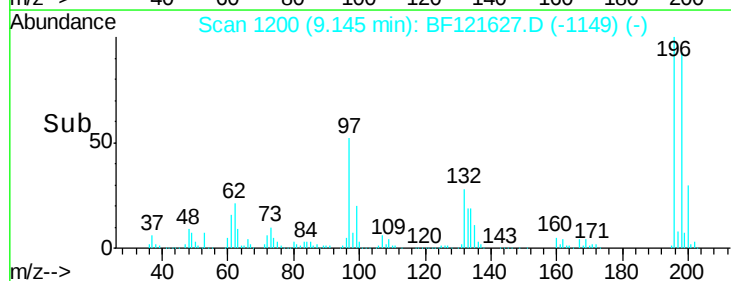
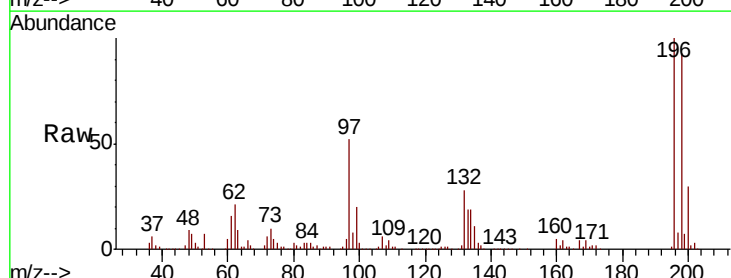
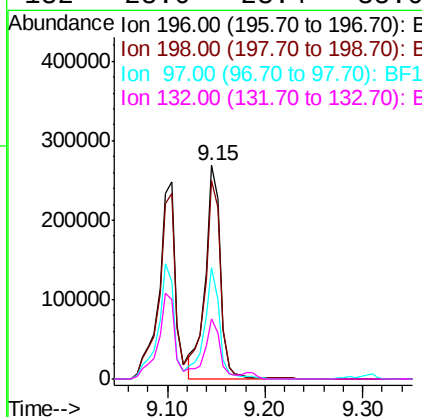
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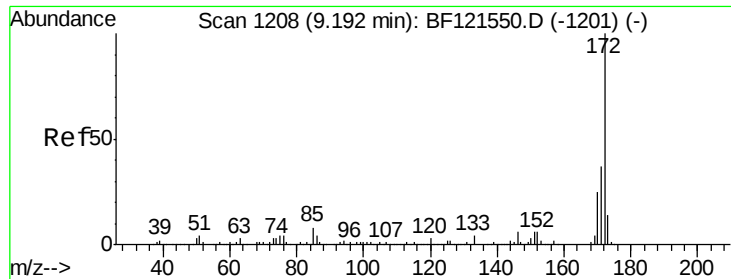
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 34.605 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF121627.D
 Acq: 21 Sep 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	289743		
198	92.7	74.3	111.5	
97	52.3	44.2	66.2	
132	28.0	23.4	35.0	





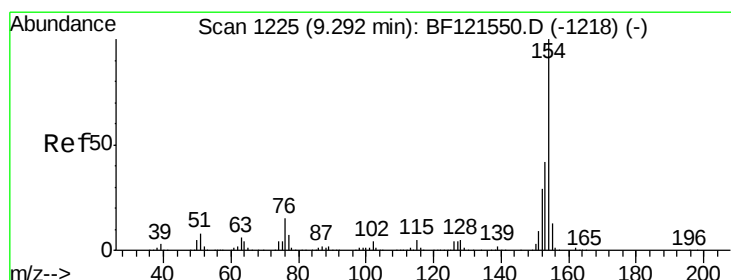
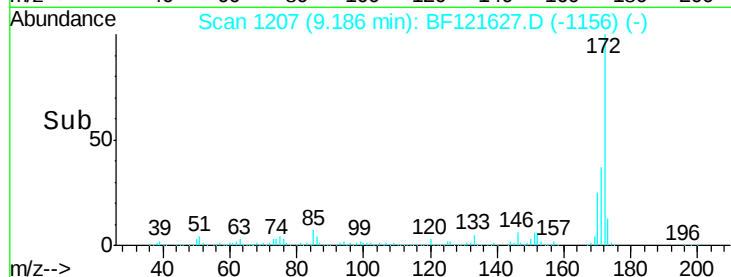
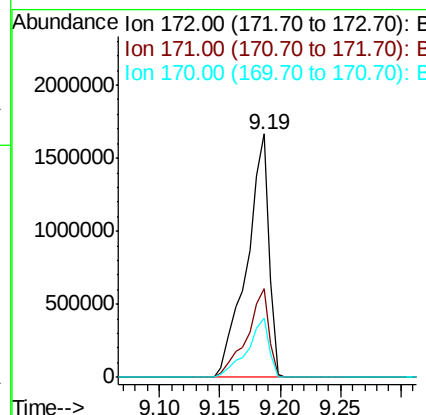
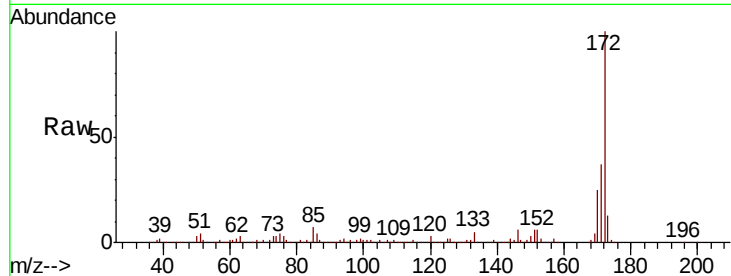
#45
2-Fluorobiphenyl
Concen: 86.697 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB131752BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.3	43.9
170	24.5	19.5	29.3

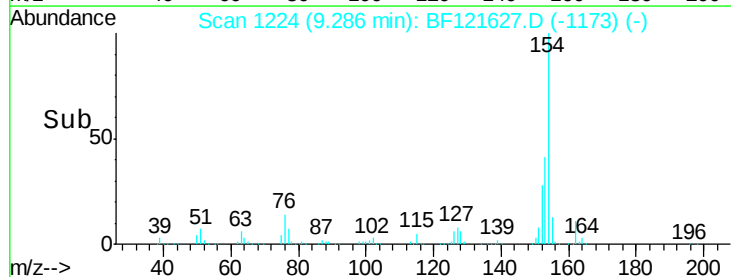
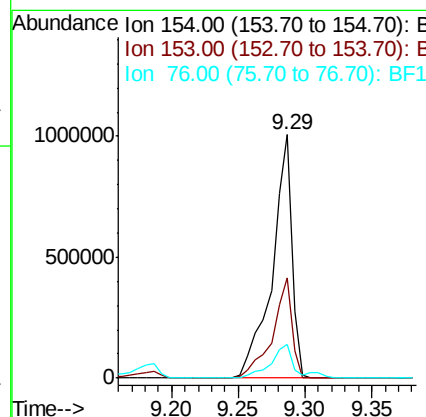
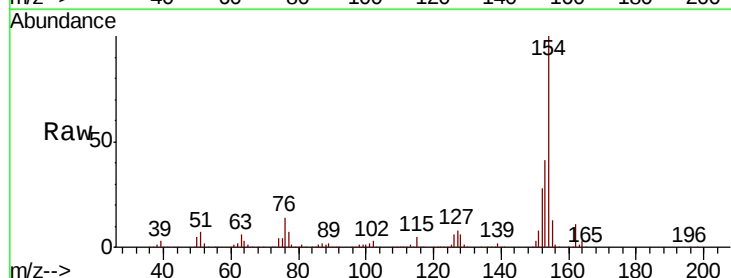
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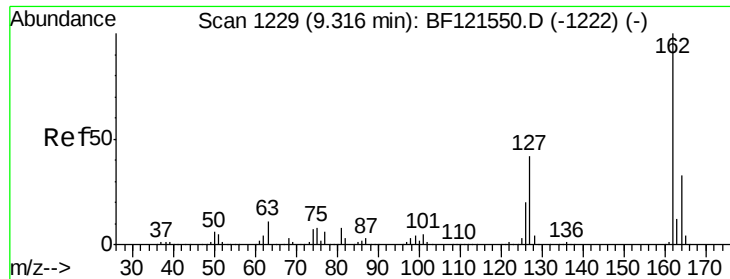
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#46
1,1'-Biphenyl
Concen: 35.030 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.1	61.1
76	13.6	0.0	34.1





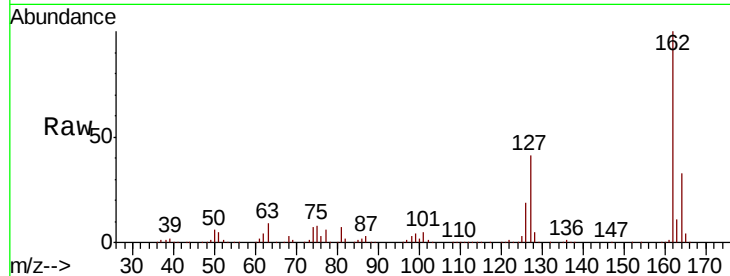
#47
2-Chloronaphthalene
Concen: 34.257 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB131752BS

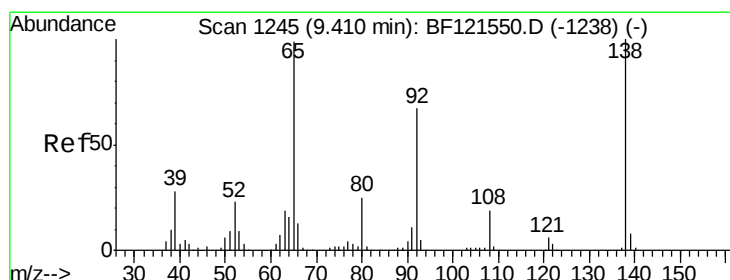
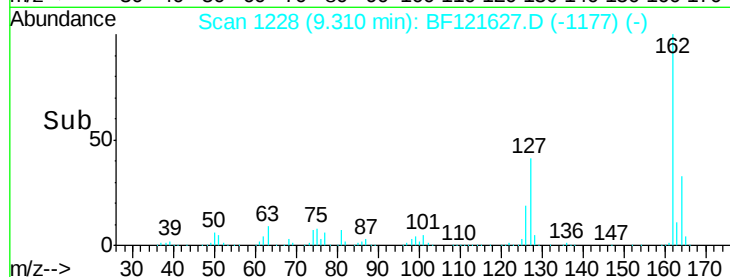
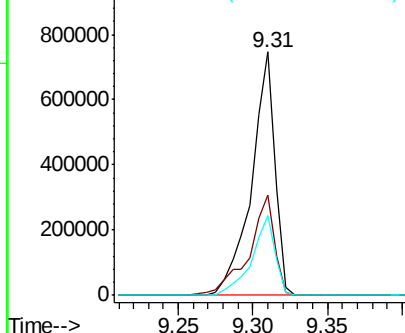
Tot Ion	Ratio	Resp	Lower	Upper
162	100	803933		
127	41.4		34.2	51.4
164	32.9		27.0	40.4

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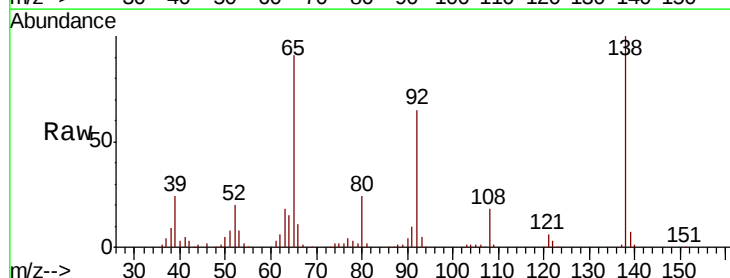


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

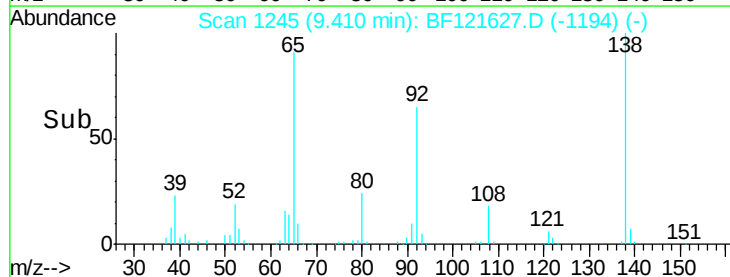
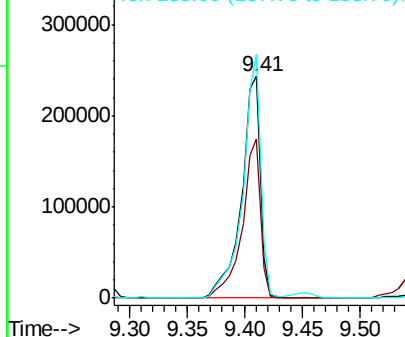


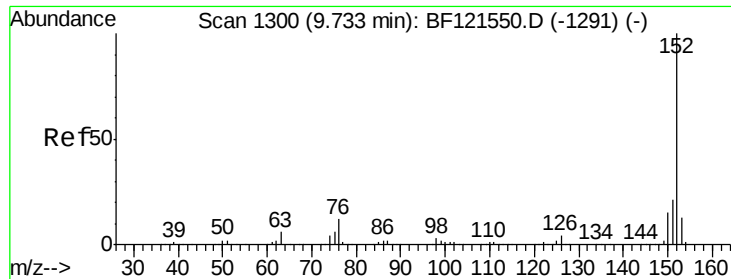
#48
2-Nitroaniline
Concen: 38.093 ng
RT: 9.41 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	277798		
92	71.9		56.0	84.0
138	109.9		84.7	127.1



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 35.827 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

Instrument :

BNA_F

ClientSampleId :

PB131752BS

Tot Ion:152 Resp: 1291820

Ion Ratio Lower Upper

152 100

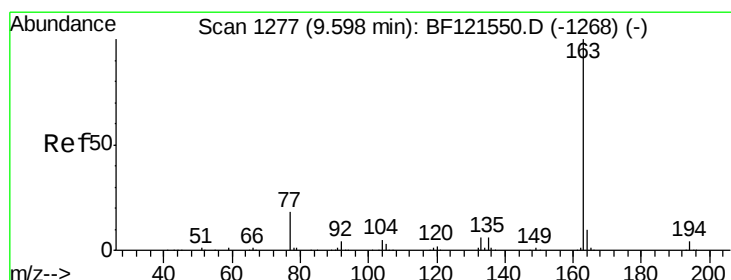
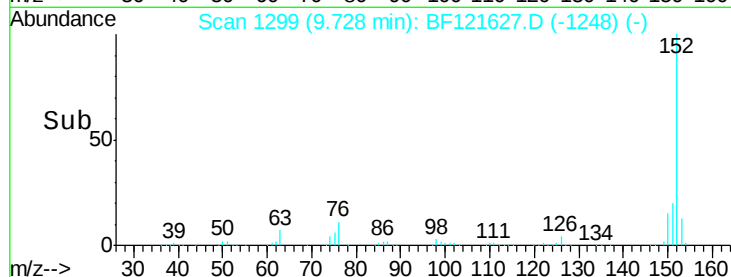
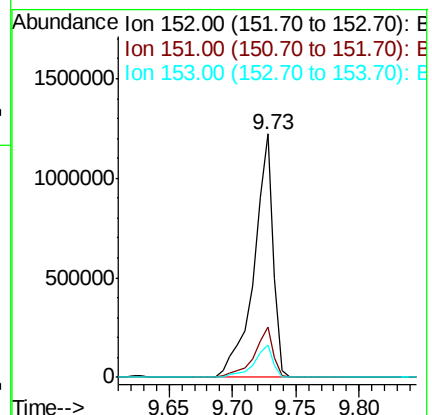
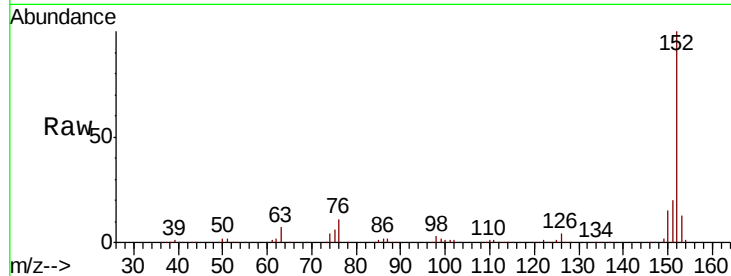
151 20.5 16.3 24.5

153 13.3 10.7 16.1

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#50

Dimethylphthalate

Concen: 35.592 ng

RT: 9.59 min Scan# 1276

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

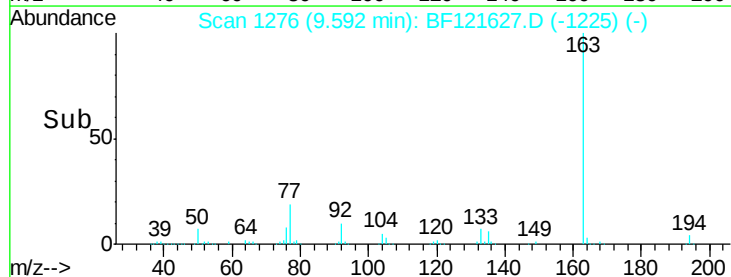
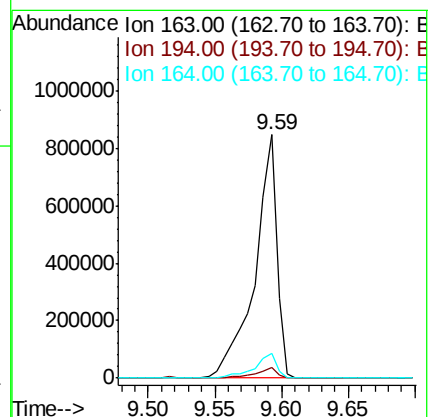
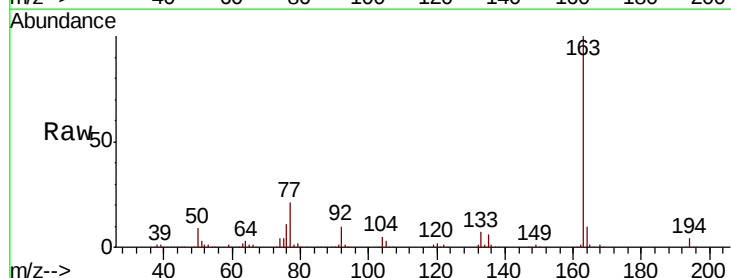
Tgt Ion:163 Resp: 959614

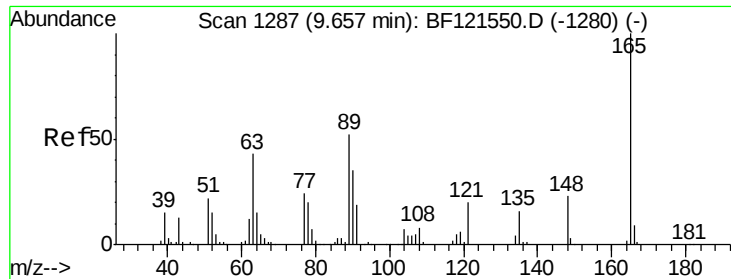
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 9.9 8.0 12.0





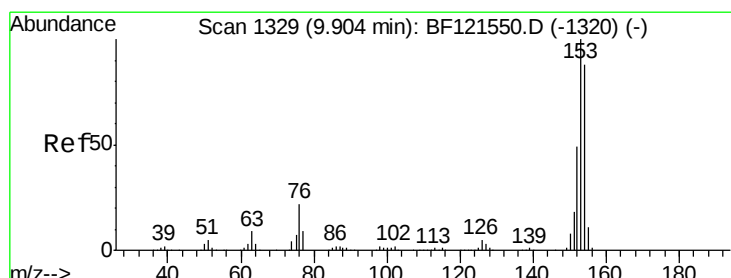
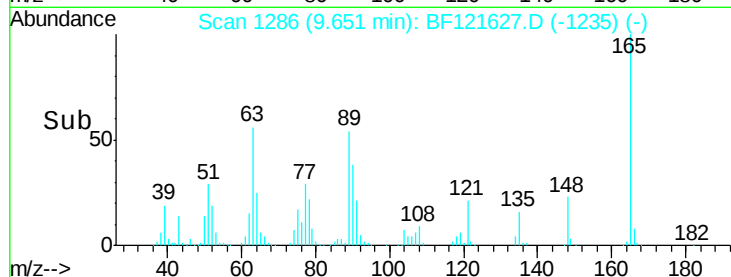
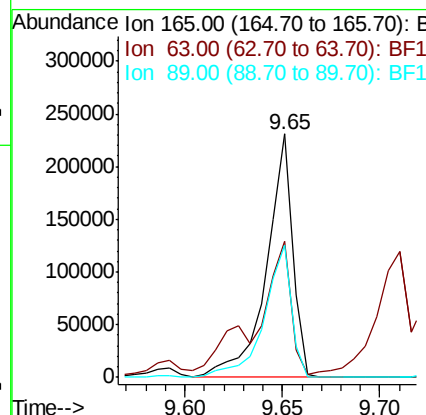
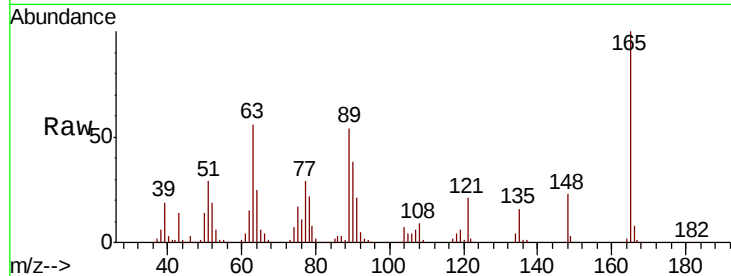
#51
 2,6-Dinitrotoluene
 Concen: 37.448 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BF121627.D
 Acq: 21 Sep 2020 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB131752BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	56.0	47.6	71.4	
89	54.5	46.0	69.0	

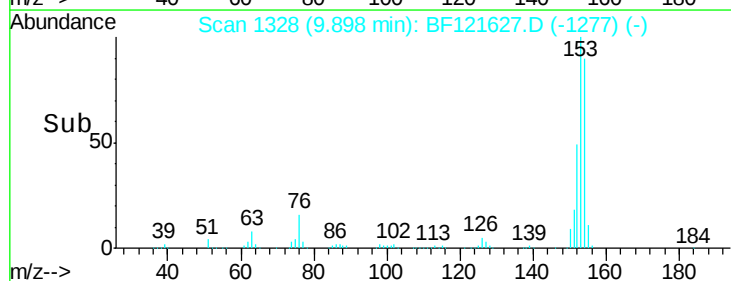
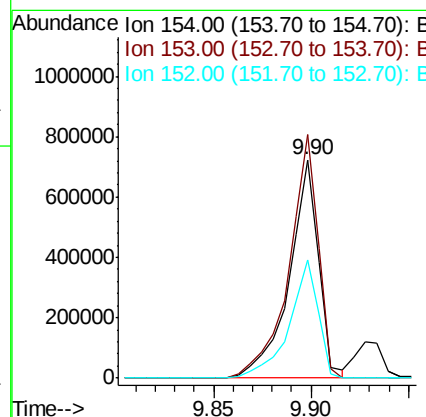
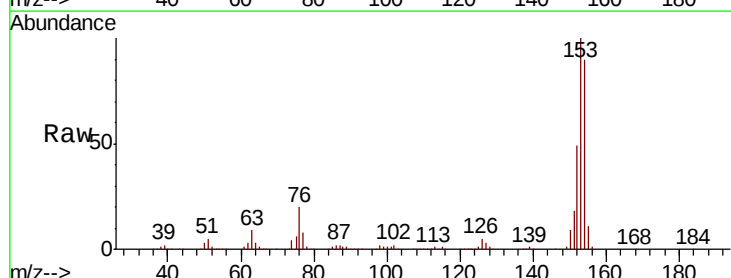
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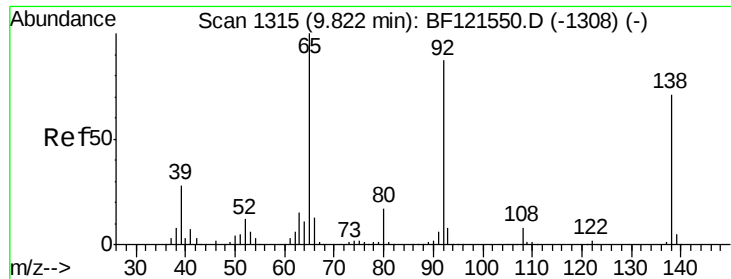
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#52
 Acenaphthene
 Concen: 33.154 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF121627.D
 Acq: 21 Sep 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	111.6	89.9	134.9	
152	54.3	43.8	65.6	





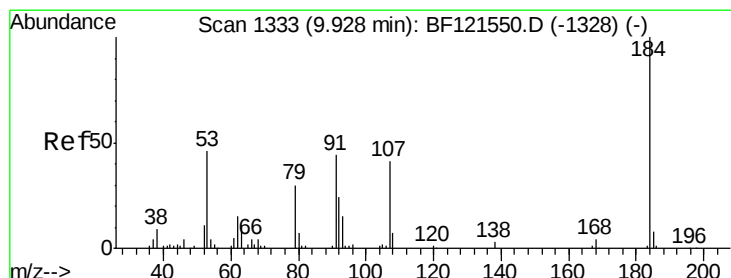
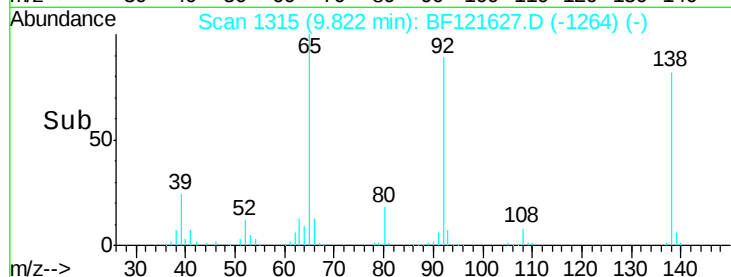
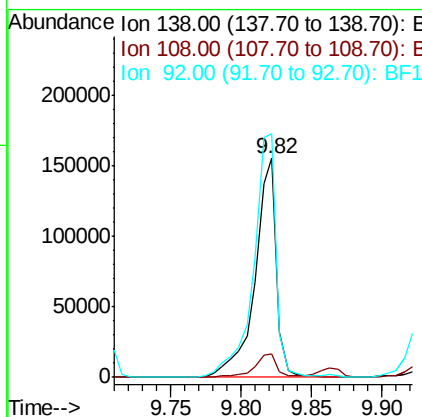
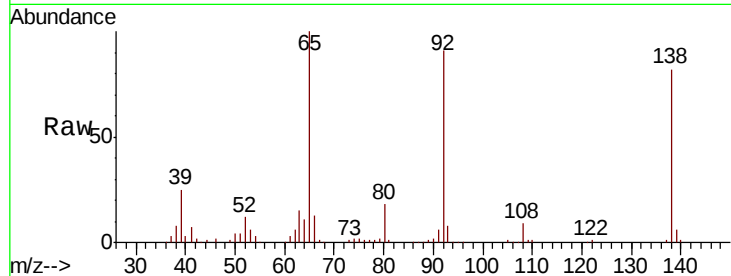
#53
3-Nitroaniline
Concen: 25.211 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB131752BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.1	13.7
92	111.3	96.5	144.7

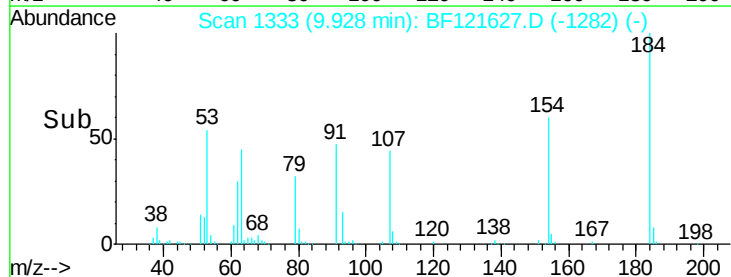
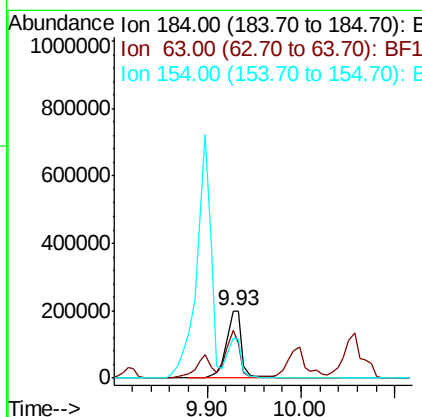
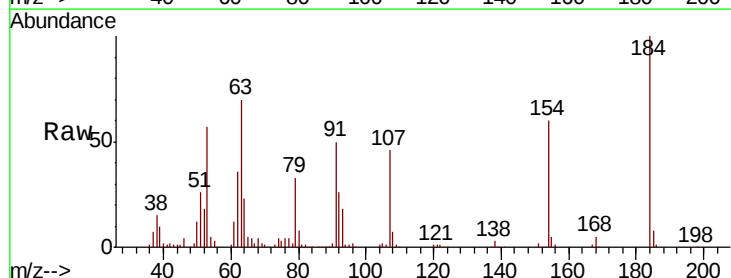
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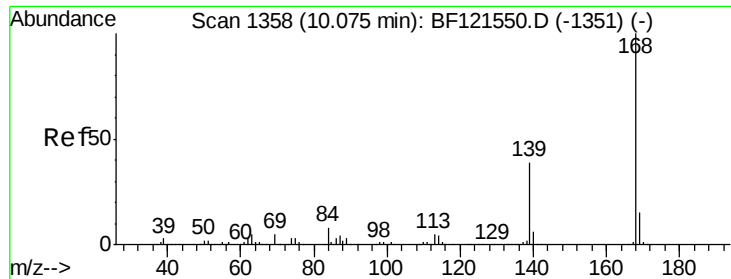
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#54
2,4-Dinitrophenol
Concen: 71.347 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.9	51.5	77.3
154	60.1	46.6	70.0





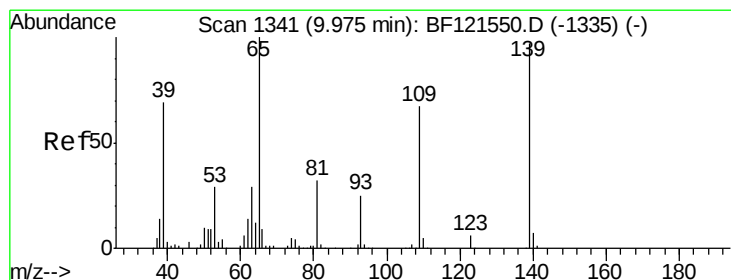
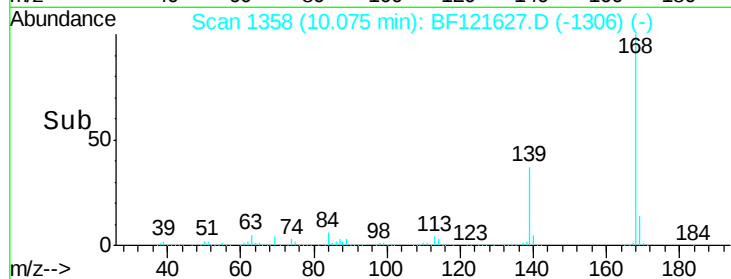
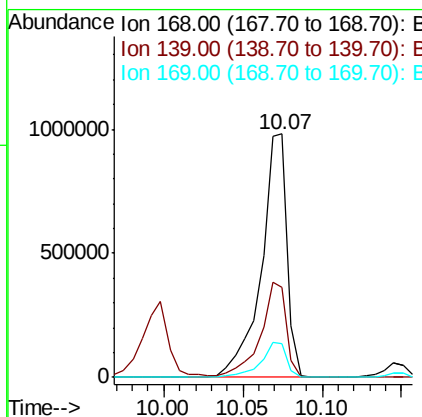
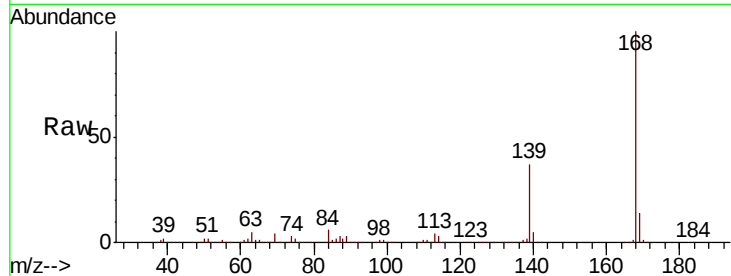
#55
Dibenzenofuran
Concen: 35.076 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB131752BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	31.8	47.8
169	13.7	11.6	17.4

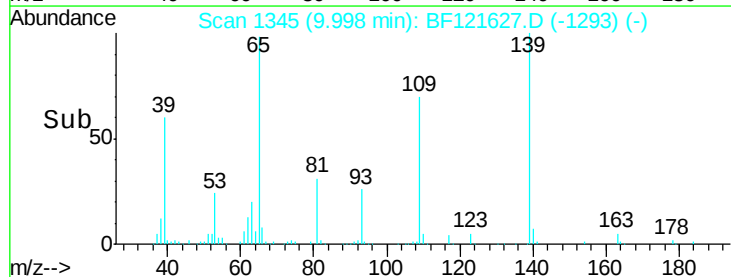
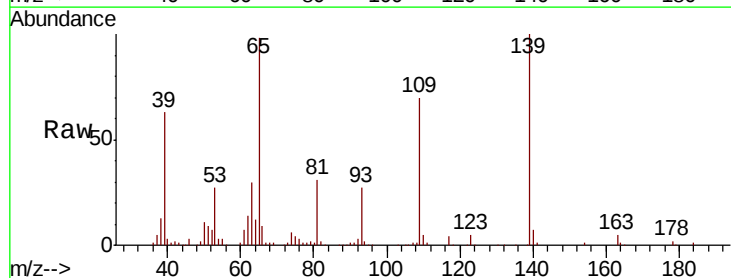
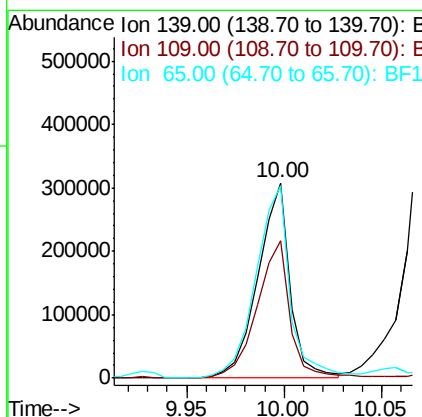
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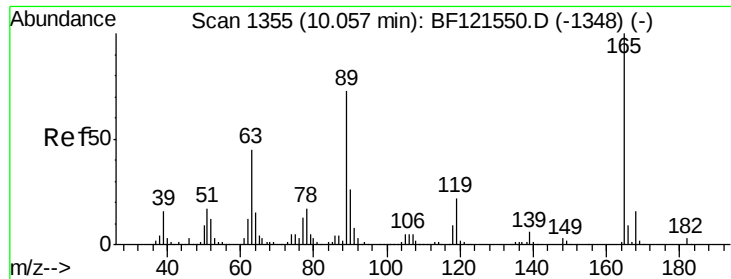
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#56
4-Nitrophenol
Concen: 66.196 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.2	48.1	88.1
65	98.4	74.7	114.7





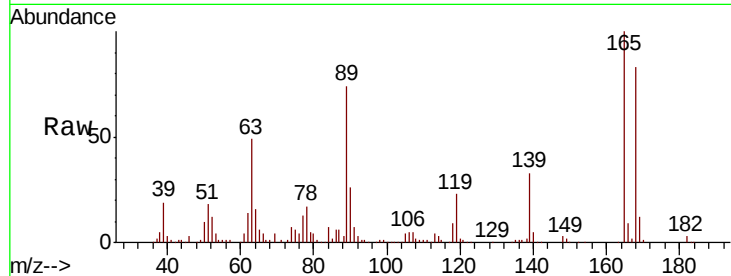
#57
2,4-Dinitrotoluene
Concen: 39.255 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB131752BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		283560		
63	48.8	36.7	55.1		
89	73.5	57.7	86.5		
182	2.8	2.1	3.1		

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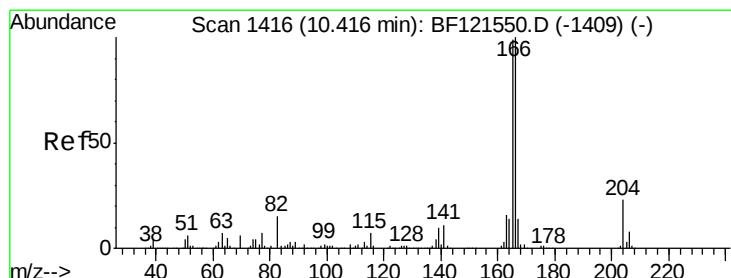
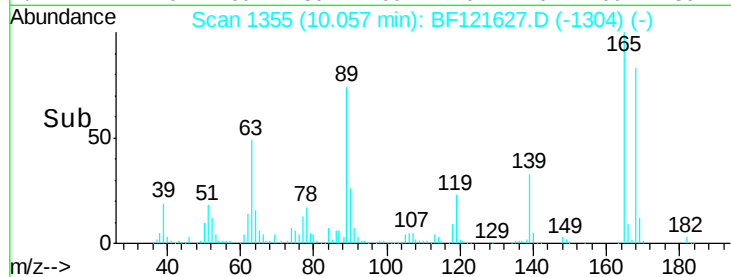
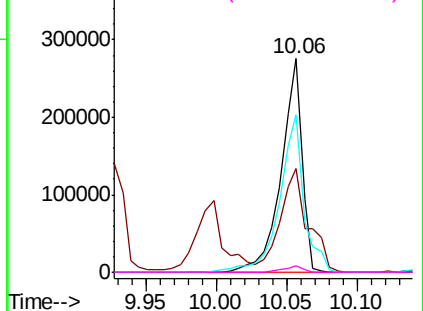
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

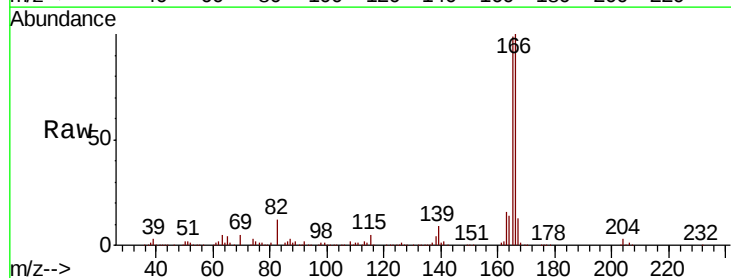
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 34.908 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		856160		
165	99.0	80.1	120.1		
167	13.3	10.8	16.2		

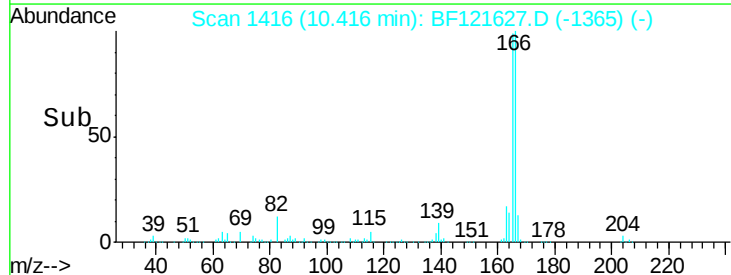
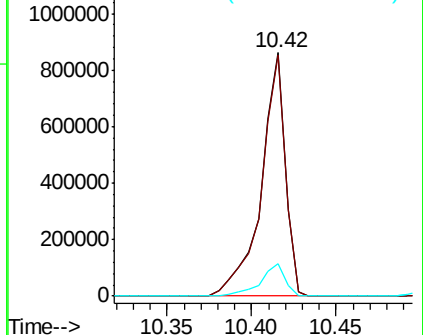


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





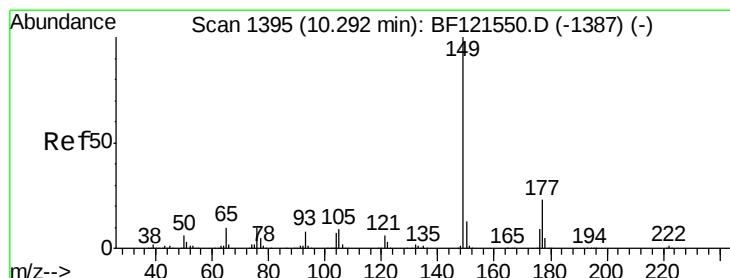
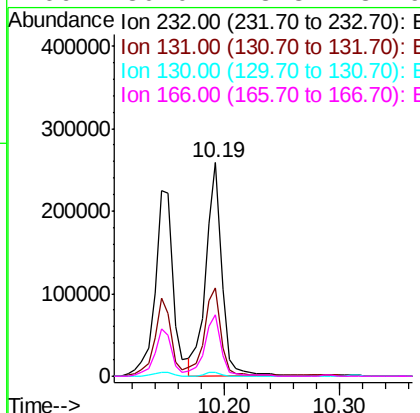
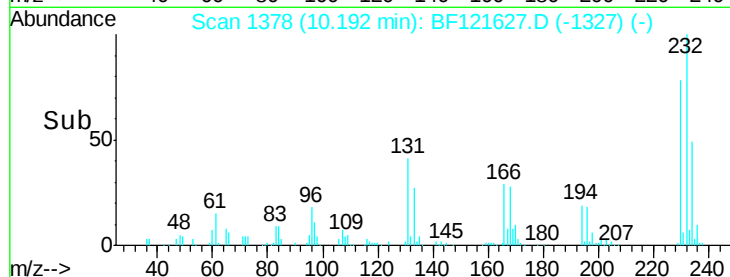
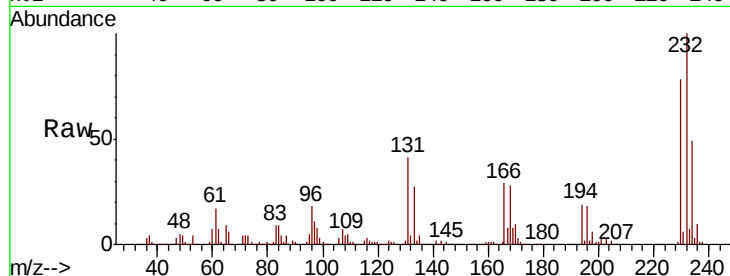
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.362 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB131752BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	247511		
131	44.4	35.1	52.7	
130	2.1	1.6	2.4	
166	30.0	23.3	34.9	

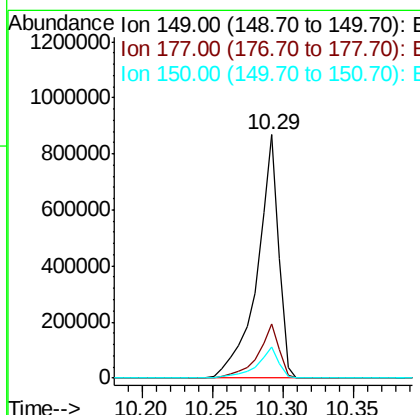
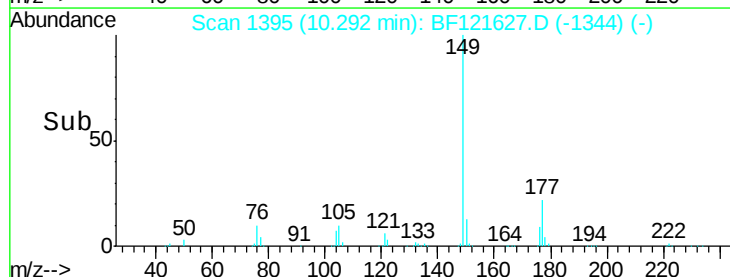
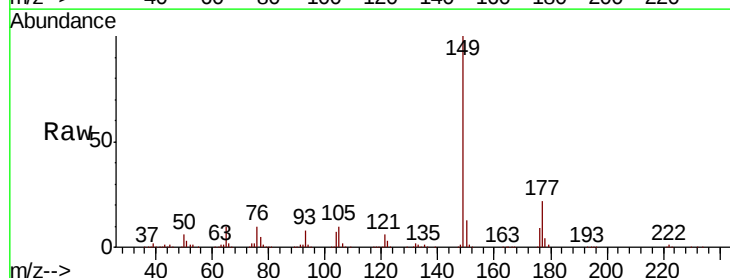
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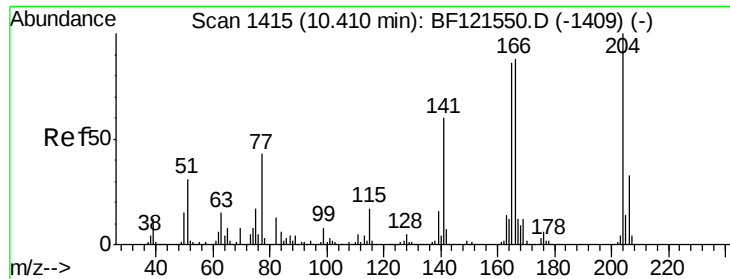
mohammad
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#60
Diethylphthalate
Concen: 35.505 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	933301		
177	22.3	18.1	27.1	
150	12.9	9.8	14.8	





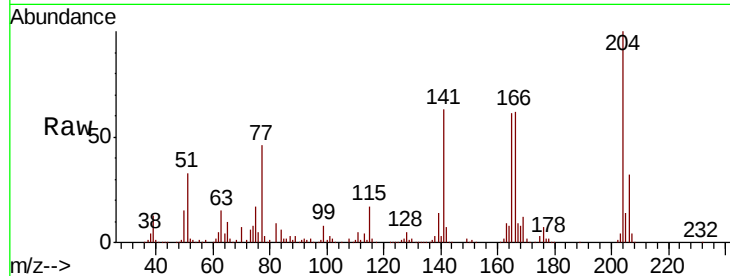
#61
 4-Chlorophenyl-phenylether
 Concen: 35.716 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF121627.D
 Acq: 21 Sep 2020 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB131752BS

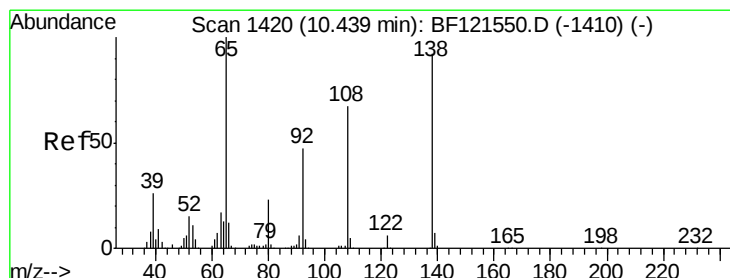
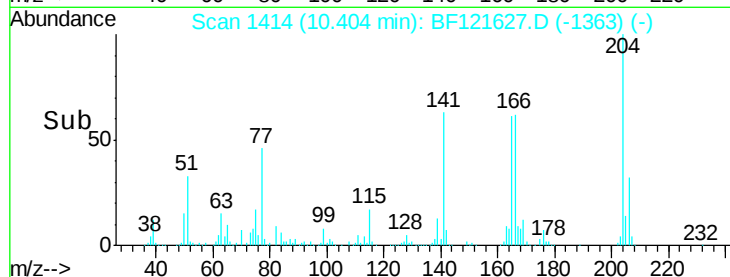
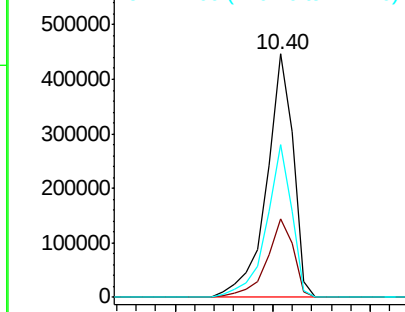
Tot Ion:	204	Resp:	419625
Ion Ratio	Lower	Upper	
204	100		
206	32.4	26.7	40.1
141	62.8	50.4	75.6

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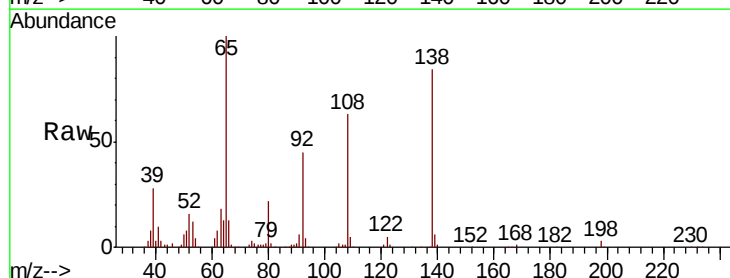


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

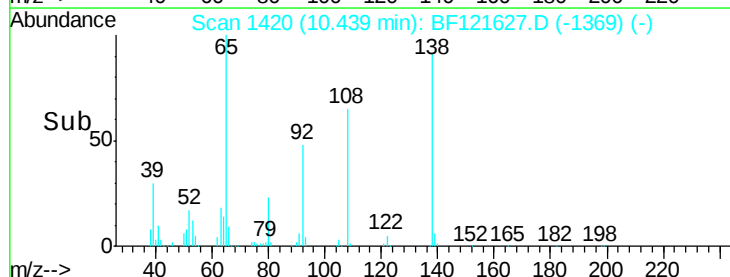
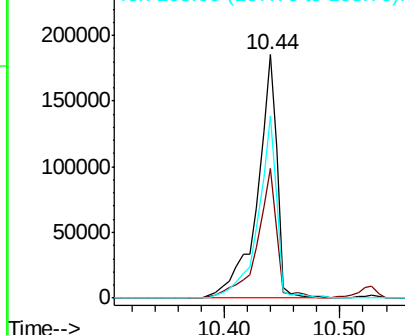


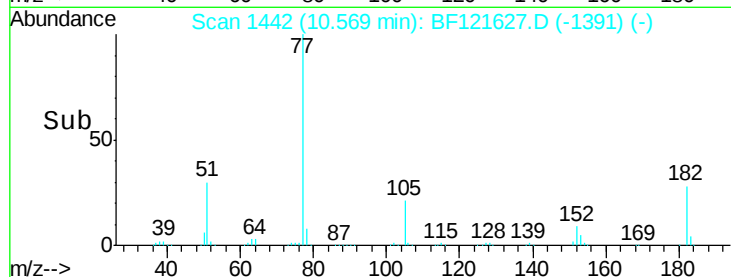
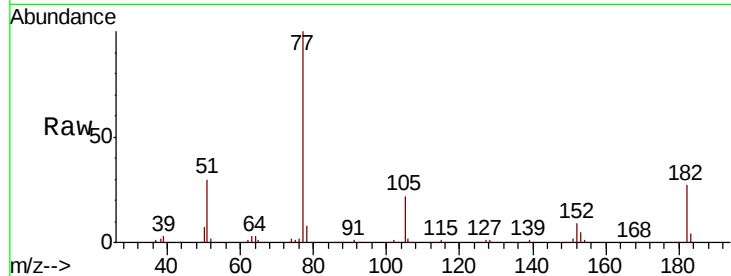
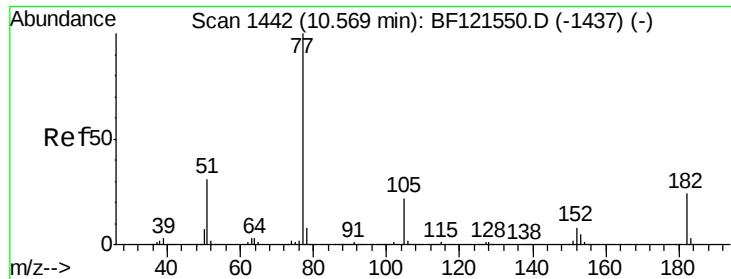
#62
 4-Nitroaniline
 Concen: 33.798 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF121627.D
 Acq: 21 Sep 2020 15:22

Tgt Ion:	138	Resp:	223213
Ion Ratio	Lower	Upper	
138	100		
92	53.2	34.8	74.8
108	74.8	55.5	95.5



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





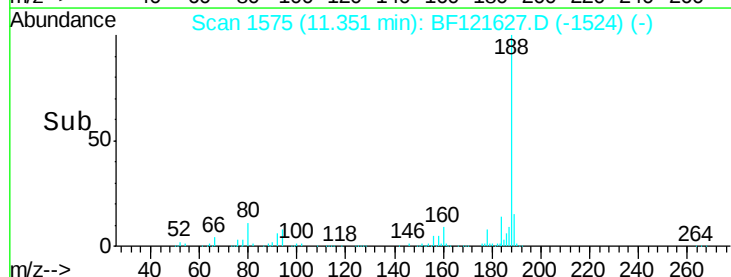
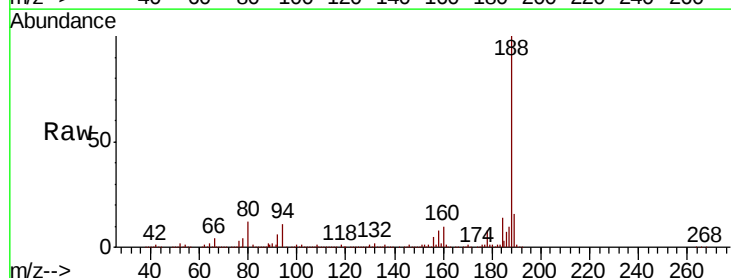
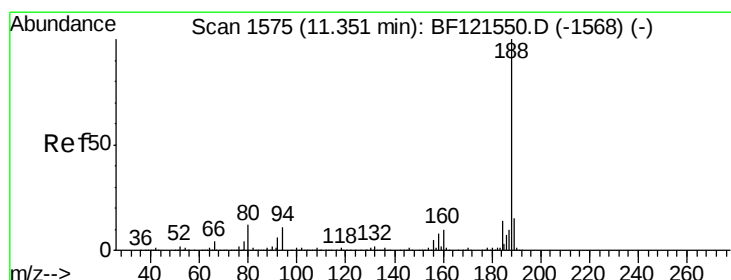
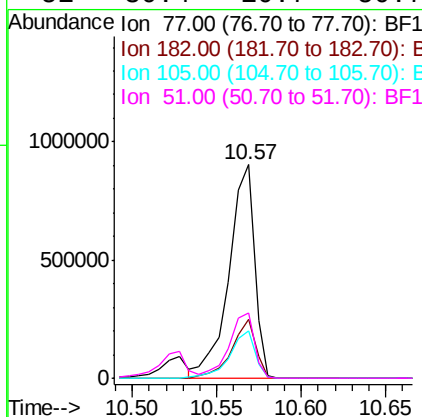
#63
Azobenzene
Concen: 33.905 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		949115		
182	27.5	6.8	46.8		
105	22.0	2.2	42.2		
51	30.4	10.7	50.7		

Instrument :
BNA_F
ClientSampleId :
PB131752BS

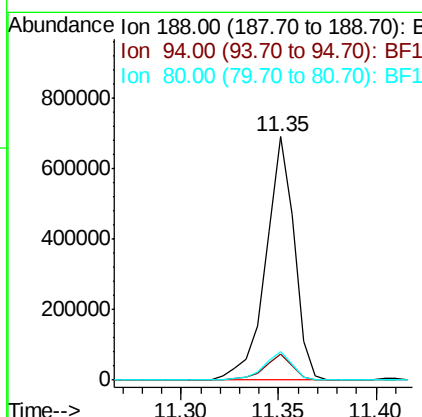
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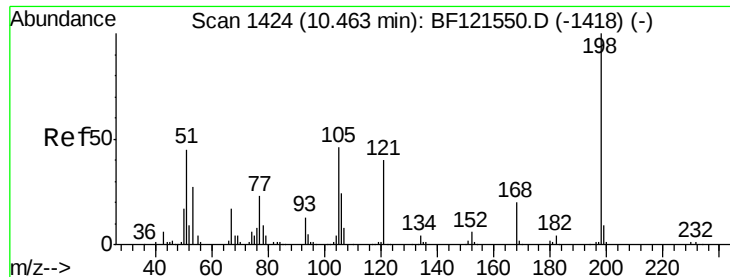
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		696707		
94	10.7	8.4	12.6		
80	11.6	9.0	13.4		





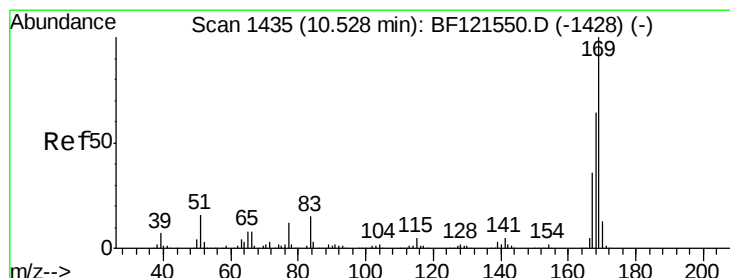
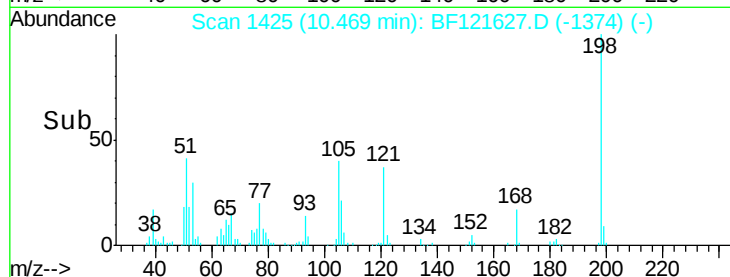
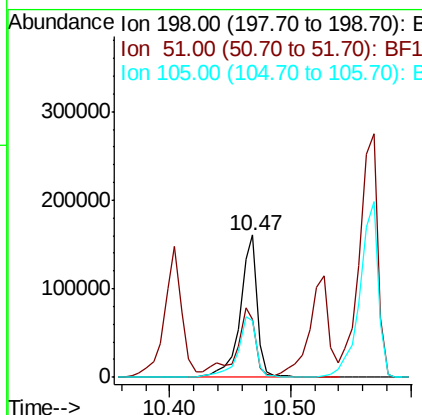
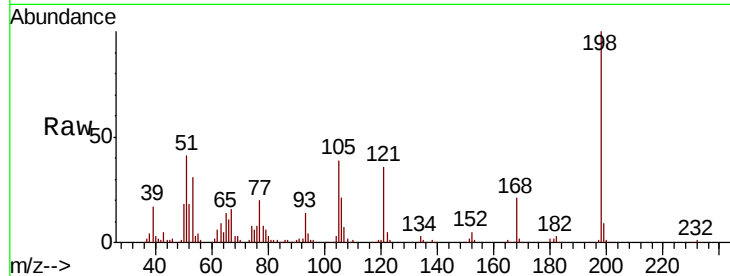
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.602 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF121627.D
 Acq: 21 Sep 2020 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB131752BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	158344		
51	41.0	20.3	60.3	
105	39.5	20.2	60.2	

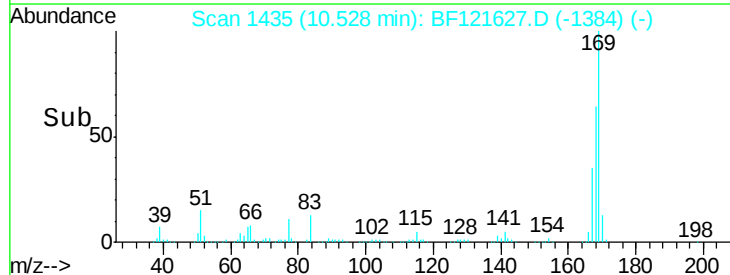
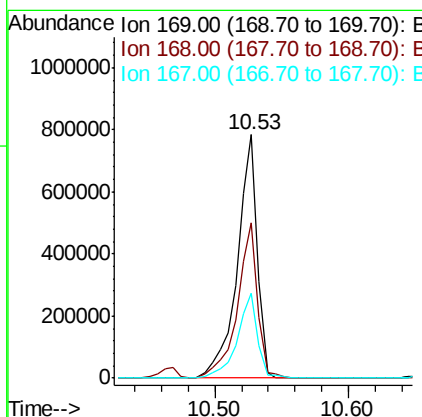
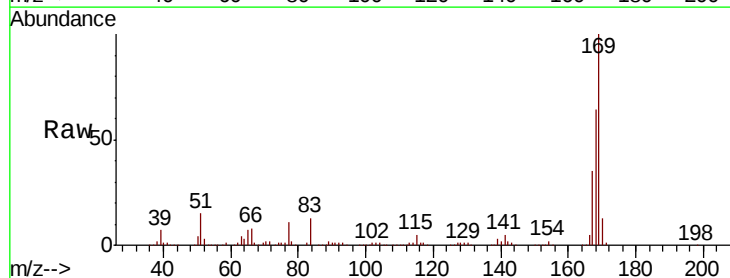
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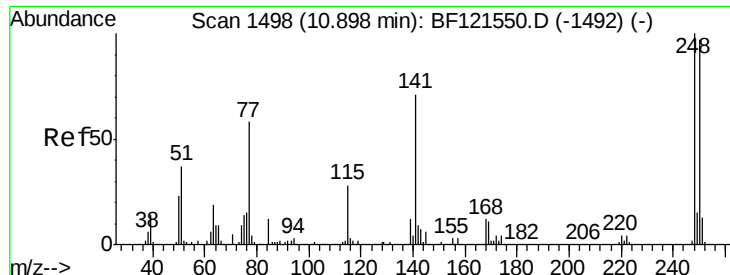
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#66
 n-Nitrosodiphenylamine
 Concen: 34.235 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF121627.D
 Acq: 21 Sep 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	818304		
168	63.8	51.8	77.8	
167	35.0	28.4	42.6	





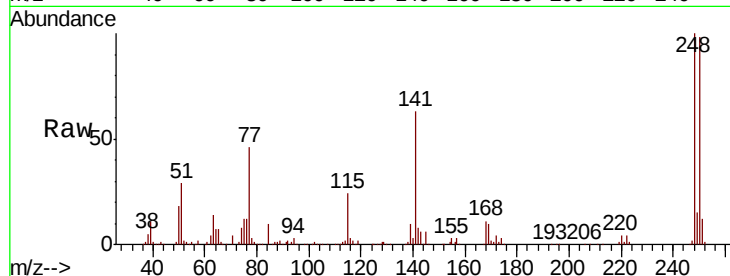
#67
 4-Bromophenyl-phenylether
 Concen: 36.046 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. 0.00 min
 Lab File: BF121627.D
 Acq: 21 Sep 2020 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB131752BS

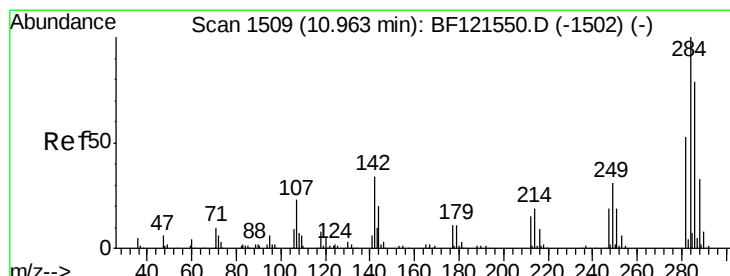
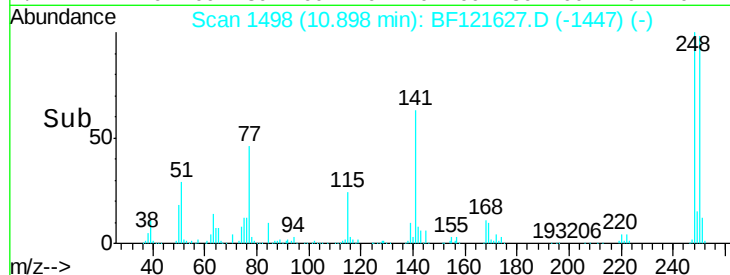
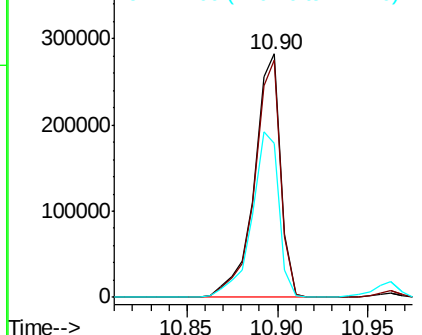
Tot Ion:	248	Resp:	285930
Ion Ratio	Lower	Upper	
248	100		
250	97.5	79.4	119.0
141	63.3	52.2	78.4

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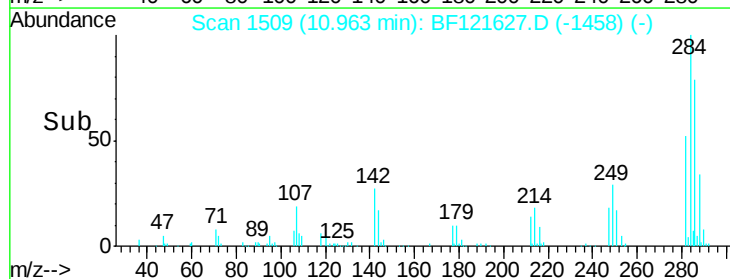
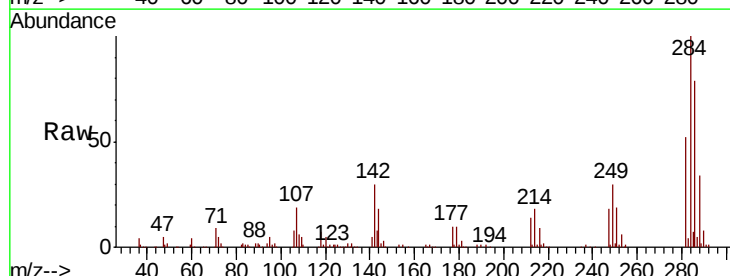
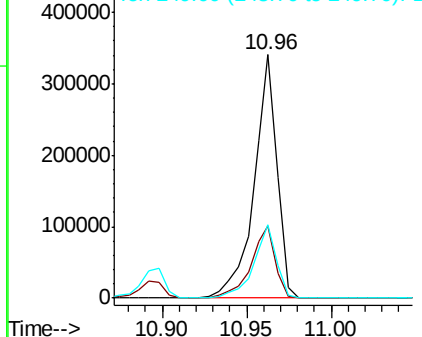
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

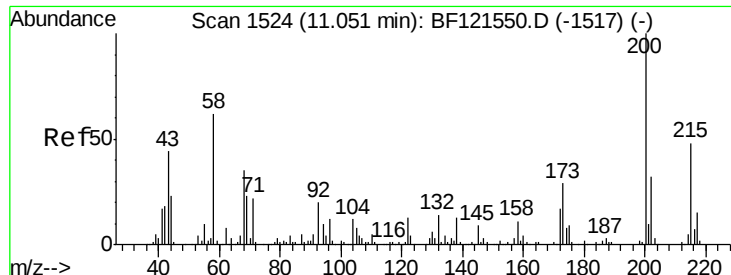


#68
 Hexachlorobenzene
 Concen: 35.960 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: BF121627.D
 Acq: 21 Sep 2020 15:22

Tgt Ion:	284	Resp:	321909
Ion Ratio	Lower	Upper	
284	100		
142	29.7	24.0	36.0
249	30.1	23.9	35.9

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





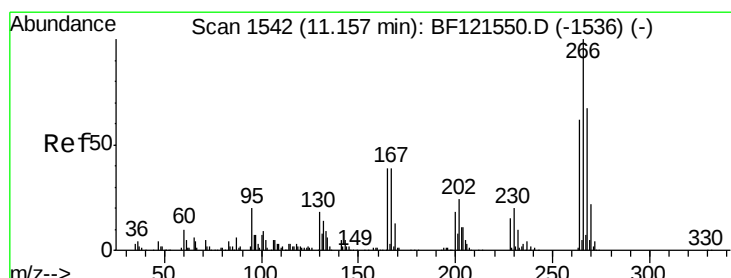
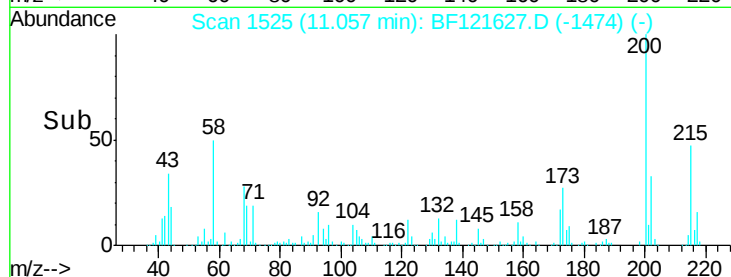
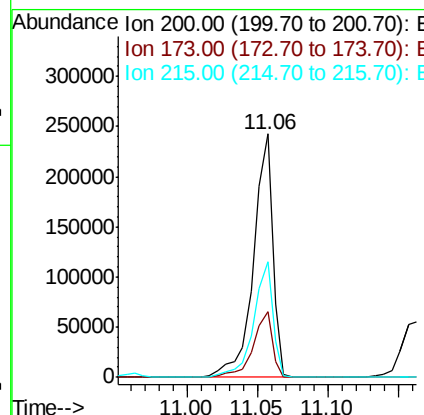
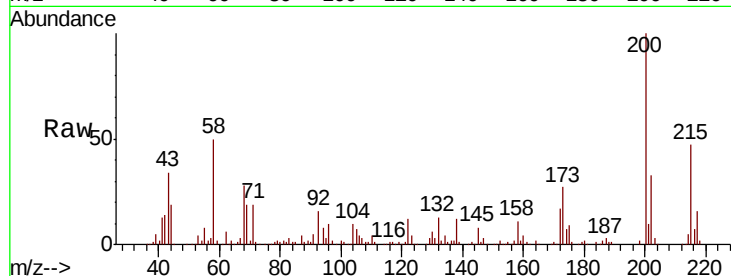
#69
Atrazine
Concen: 39.584 ng
RT: 11.06 min Scan# 1525
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB131752BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	6.0	46.0
215	47.3	28.4	68.4

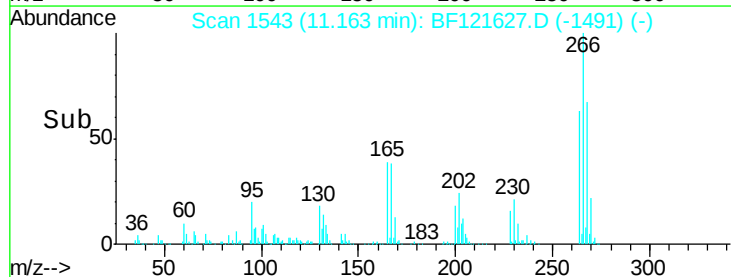
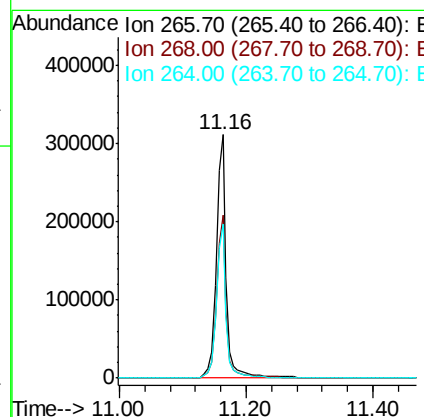
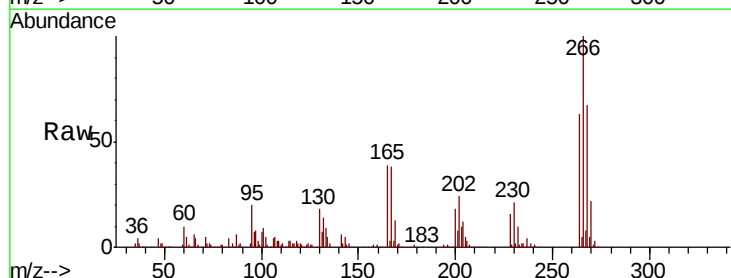
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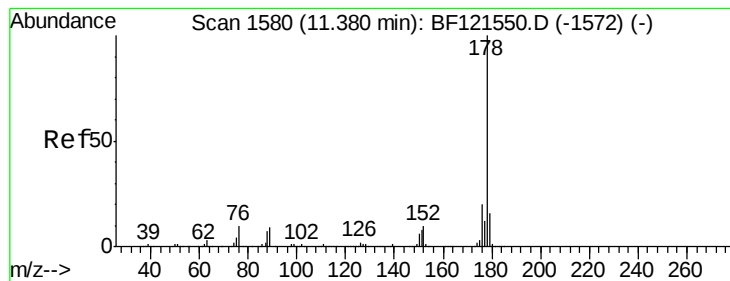
mohammad
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#70
Pentachlorophenol
Concen: 71.522 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.01 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.2	54.6	81.8
264	63.1	51.1	76.7





#71

Phenanthrene

Concen: 34.241 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

Instrument :

BNA_F

ClientSampleId :

PB131752BS

Tot Ion:178 Resp: 1299765

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

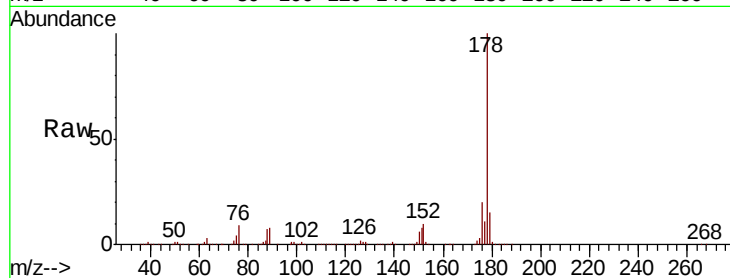
179 15.4 12.6 18.8

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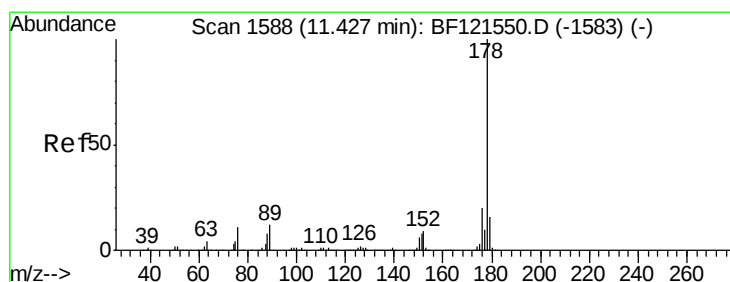
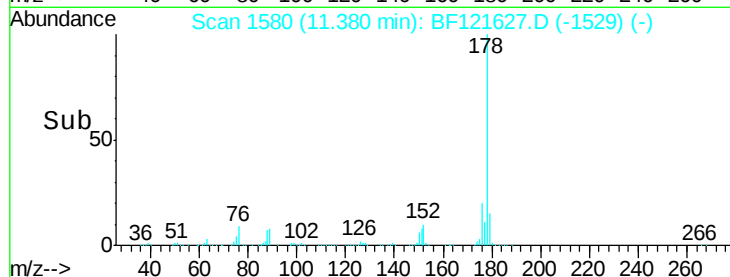
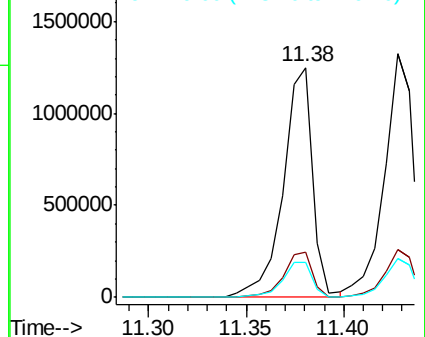
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 34.225 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

Tgt Ion:178 Resp: 1340682

Ion Ratio Lower Upper

178 100

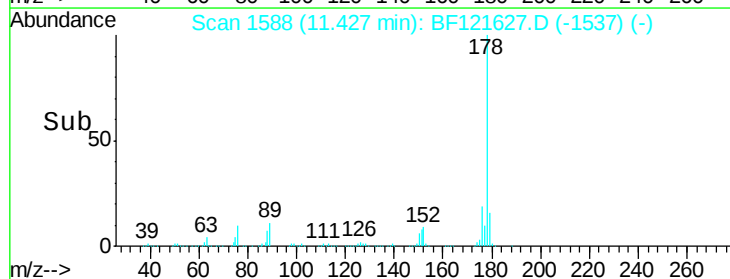
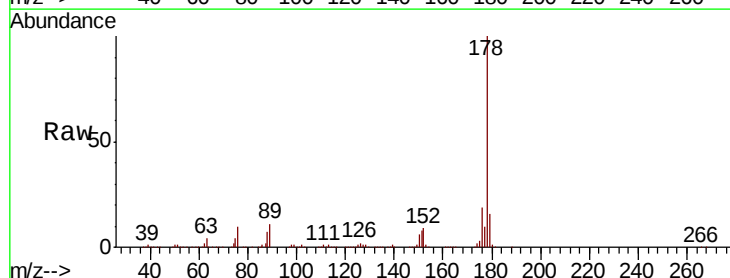
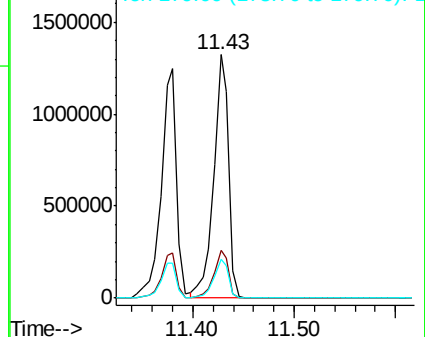
176 19.5 15.6 23.4

179 15.9 12.6 19.0

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: 33.905 ng

RT: 11.59 min Scan# 1615

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

Instrument :

BNA_F

ClientSampleId :

PB131752BS

Tot Ion:167 Resp: 1198532

Ion Ratio Lower Upper

167 100

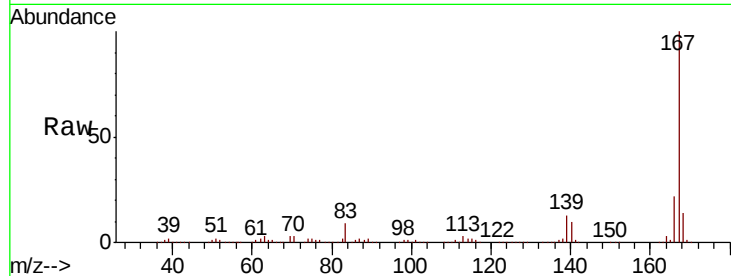
166 22.5 17.8 26.6

139 13.4 10.9 16.3

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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

11.59

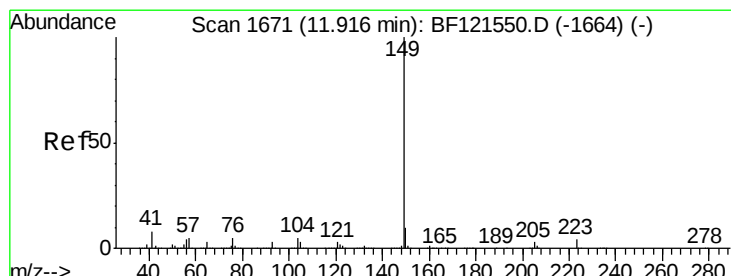
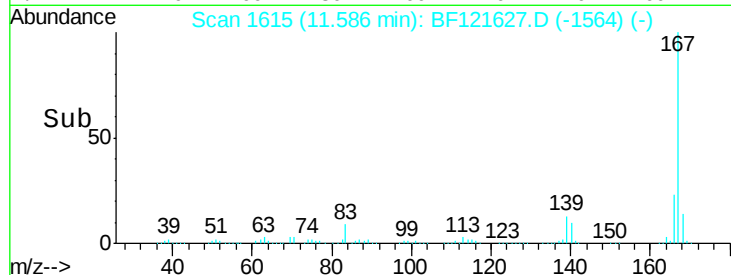
1500000

1000000

500000

0

Time-->



#74

Di-n-butylphthalate

Concen: 34.067 ng

RT: 11.92 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

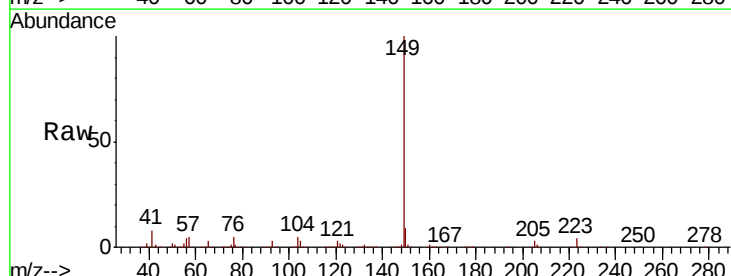
Tgt Ion:149 Resp: 1389913

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

104 5.3 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.92

2000000

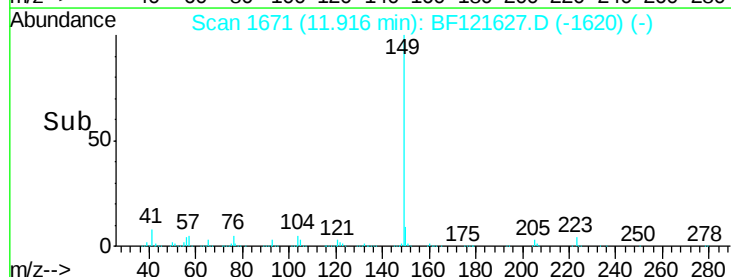
1500000

1000000

500000

0

Time-->





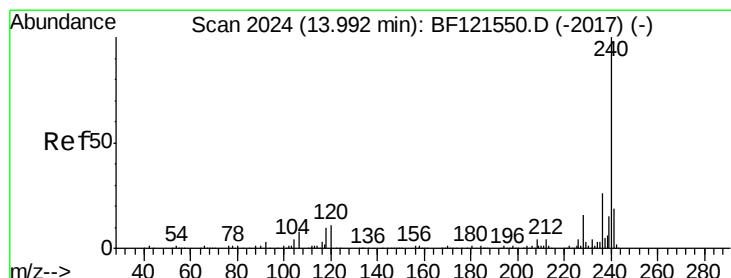
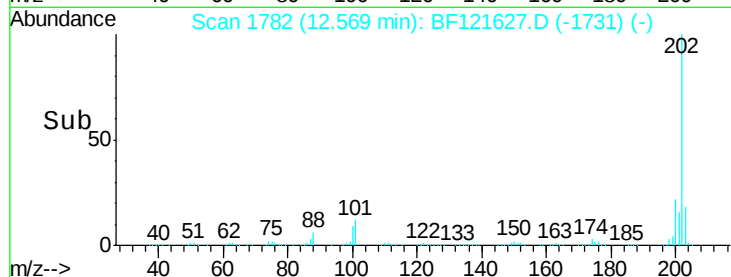
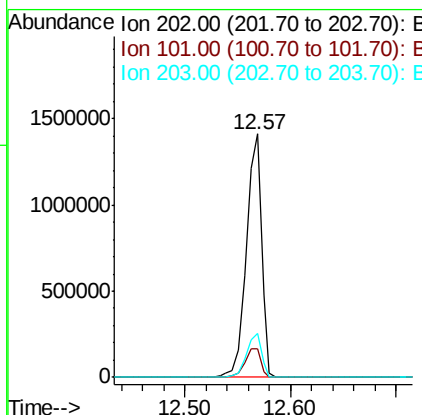
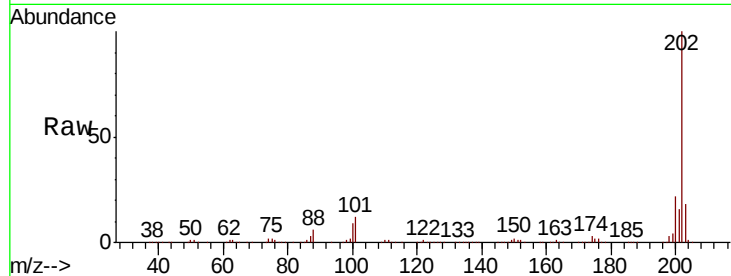
#75
Fluoranthene
Concen: 34.608 ng
RT: 12.57 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB131752BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1402375		
101	11.8	0.0	31.9	
203	18.2	0.0	37.8	

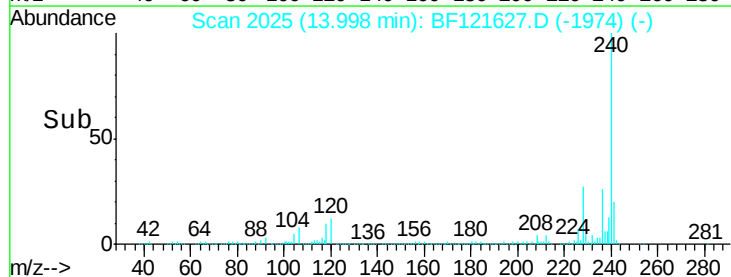
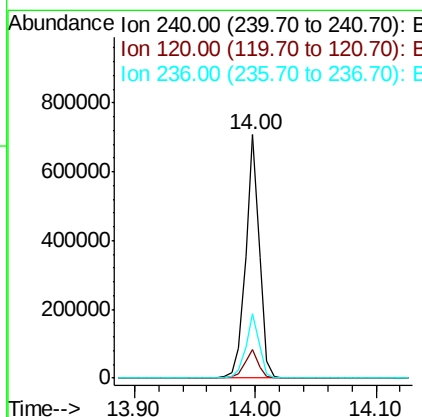
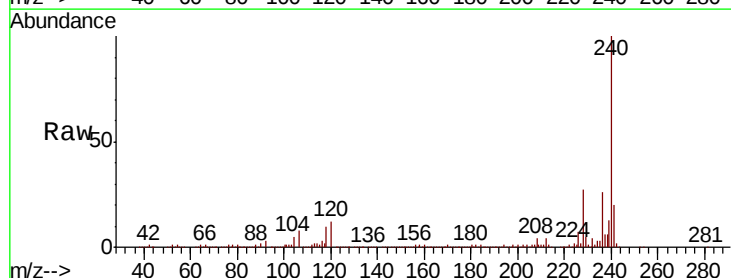
Manual Integrations
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	561017		
120	11.7	9.2	13.8	
236	26.3	20.4	30.6	





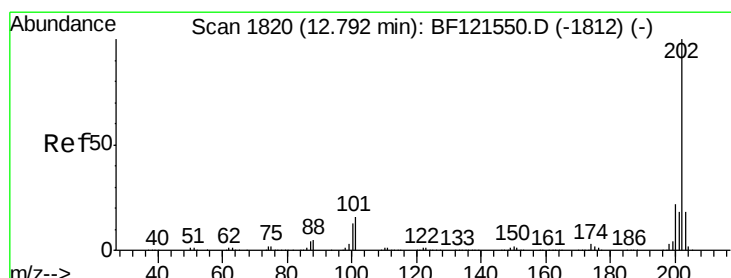
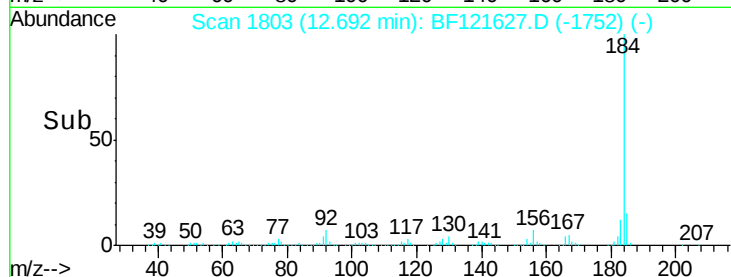
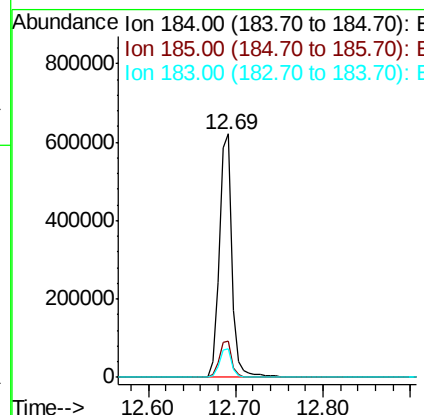
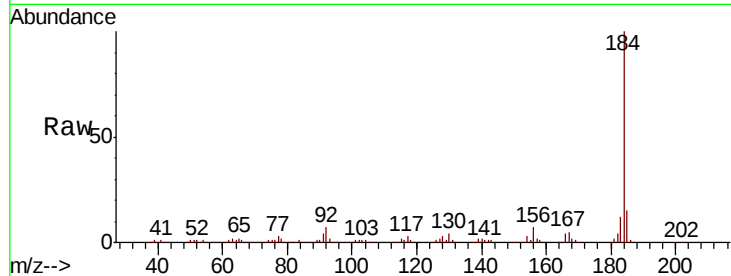
#77
Benzidine
Concen: 33.515 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB131752BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.5	17.3
183	11.6	9.6	14.4

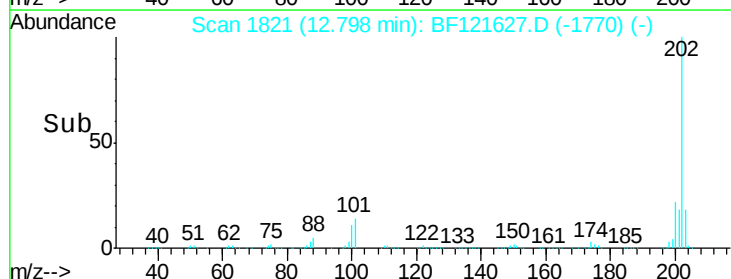
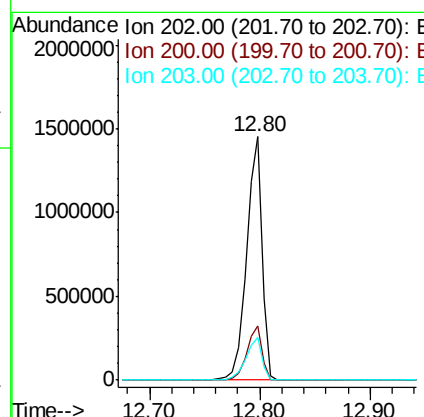
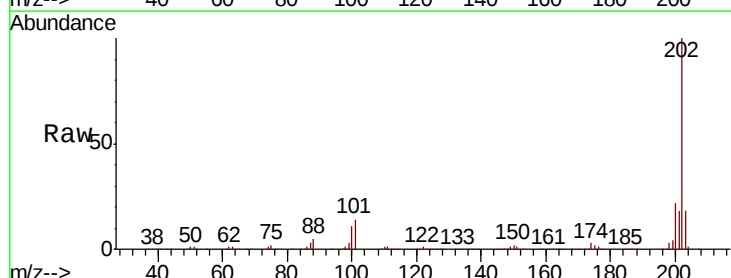
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#78
Pyrene
Concen: 34.690 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.8	26.6
203	17.6	14.4	21.6





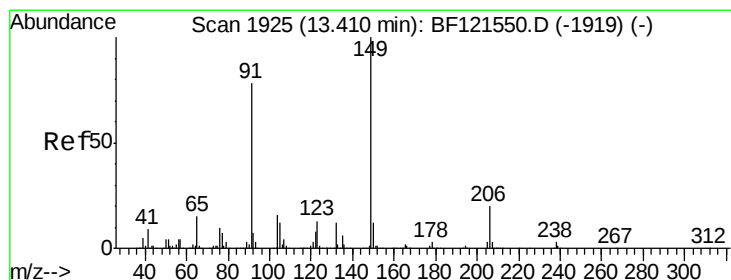
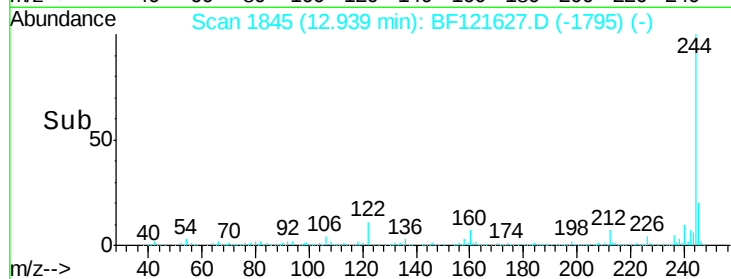
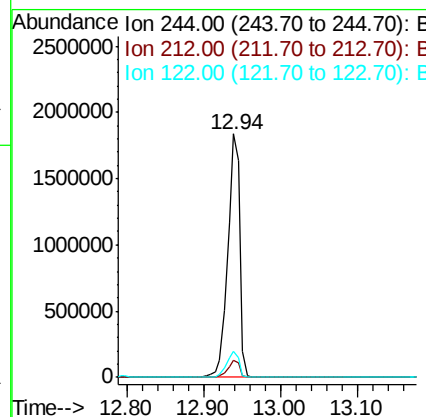
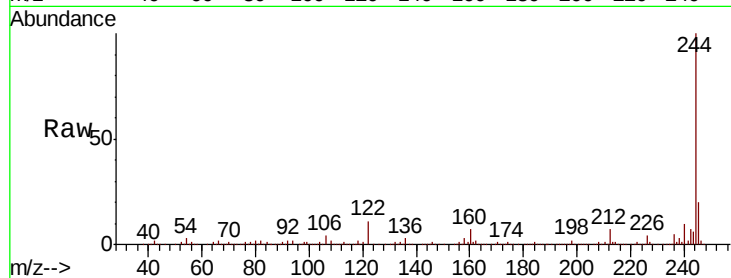
#79
 Terphenyl-d14
 Concen: 71.358 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF121627.D
 Acq: 21 Sep 2020 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB131752BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	10.8	7.4	11.0

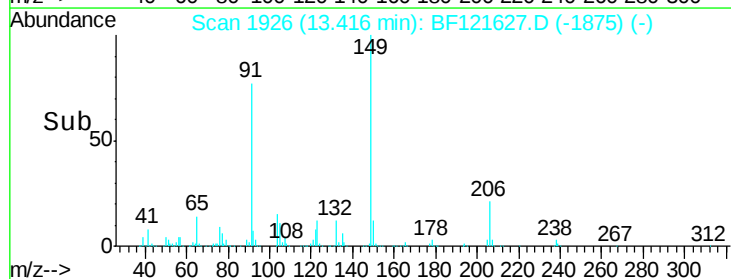
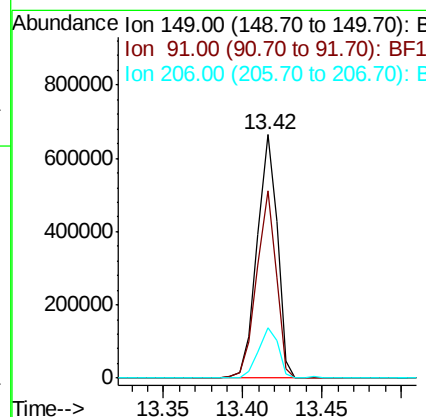
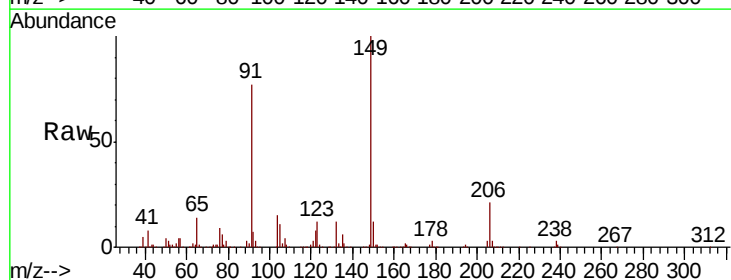
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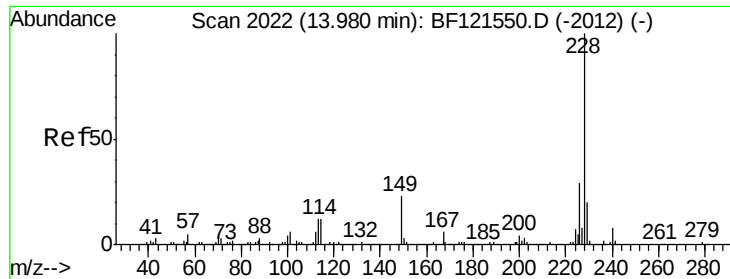
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#80
 Butylbenzylphthalate
 Concen: 35.672 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. 0.00 min
 Lab File: BF121627.D
 Acq: 21 Sep 2020 15:22

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.8	61.0	91.4
206	20.8	16.6	25.0





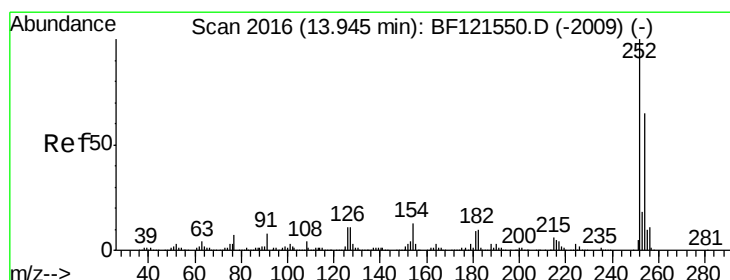
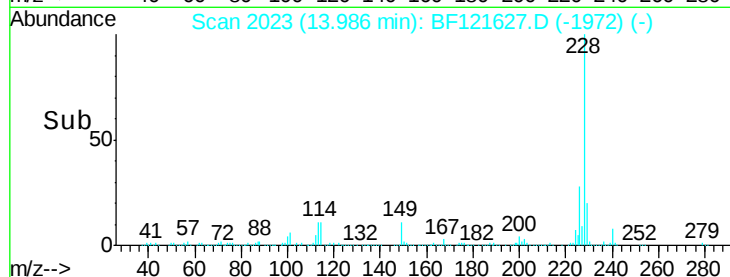
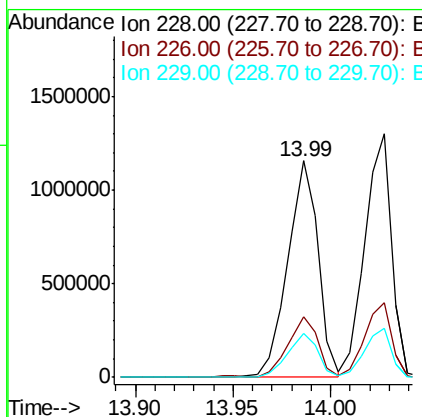
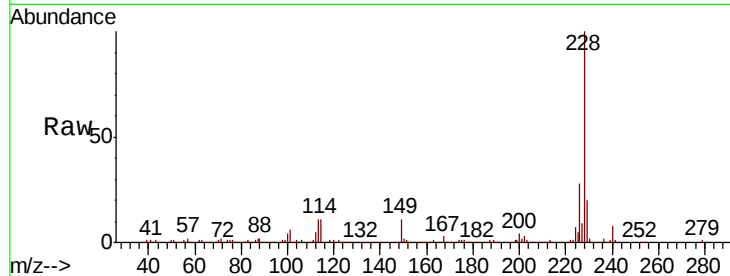
#81
Benzo(a)anthracene
Concen: 35.142 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB131752BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.3	16.2	24.2

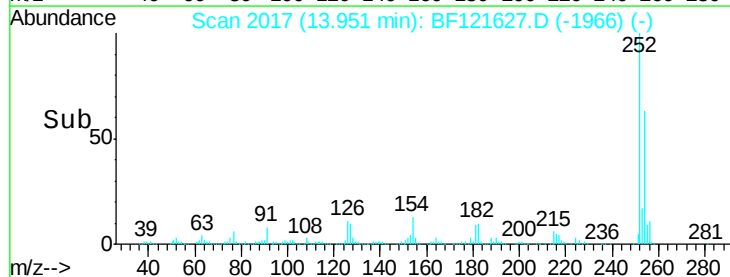
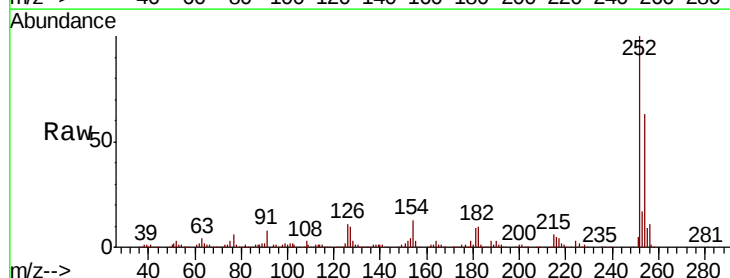
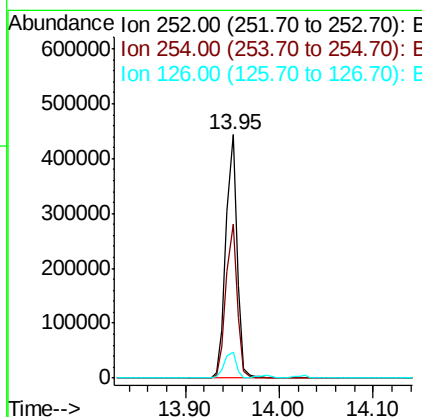
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#82
3,3'-Dichlorobenzidine
Concen: 26.842 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.0	76.4
126	10.7	8.6	13.0





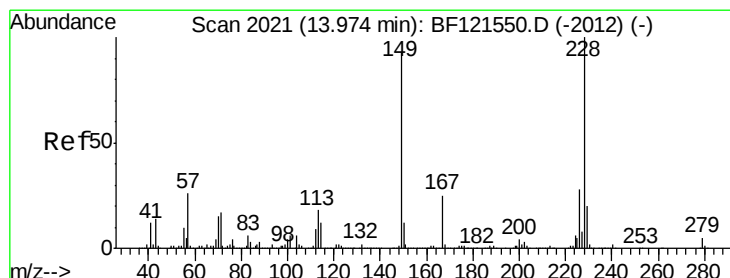
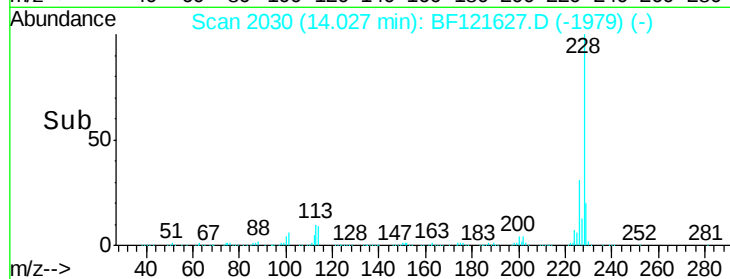
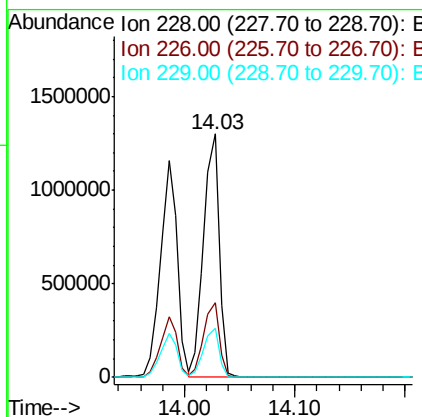
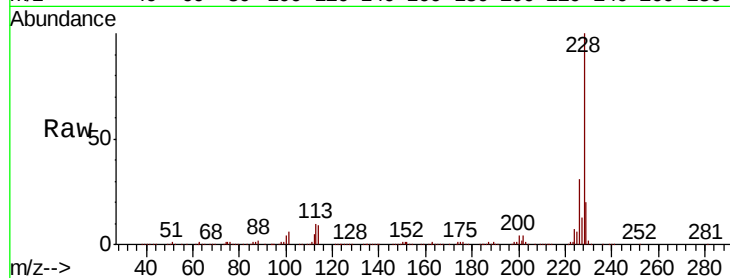
#83
 Chrysene
 Concen: 34.567 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF121627.D
 Acq: 21 Sep 2020 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB131752BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.4
229	20.1	16.0	24.0

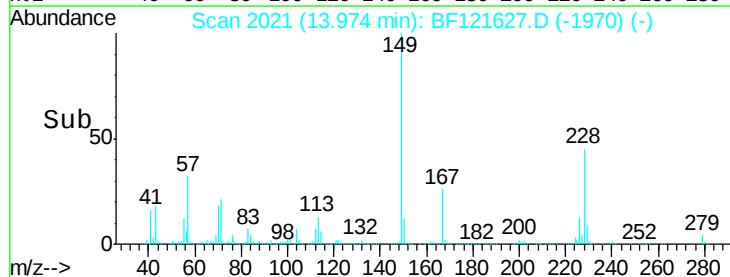
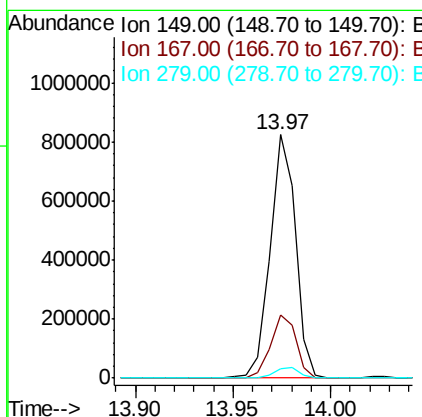
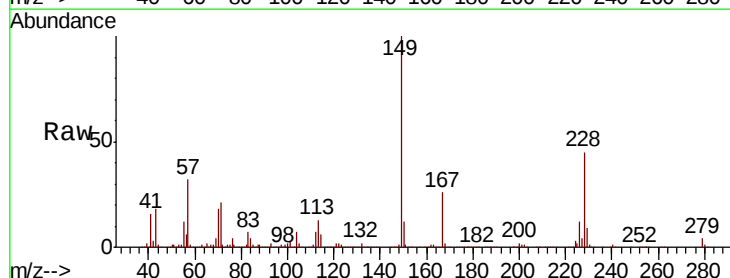
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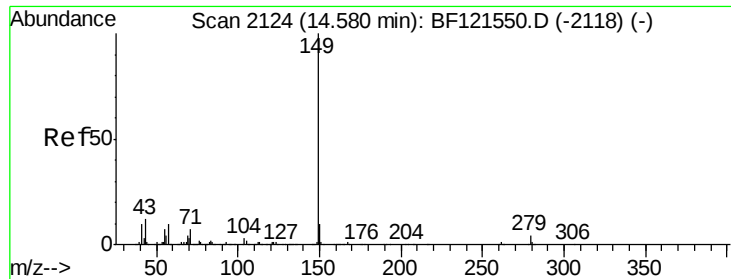
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 33.542 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF121627.D
 Acq: 21 Sep 2020 15:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	4.0	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 34.273 ng

RT: 14.59 min Scan# 2126

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

Instrument :

BNA_F

ClientSampleId :

PB131752BS

Tot Ion:149 Resp: 1339516

Ion Ratio Lower Upper

149 100

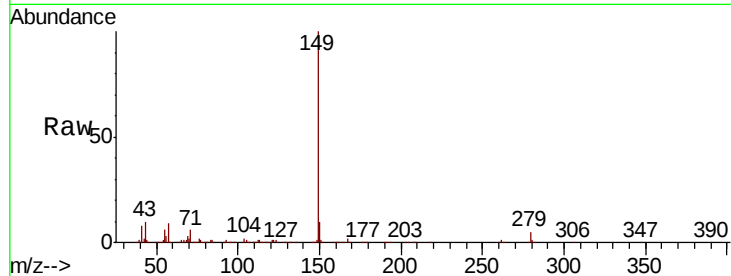
167 1.5 1.2 1.8

43 11.0 9.0 13.4

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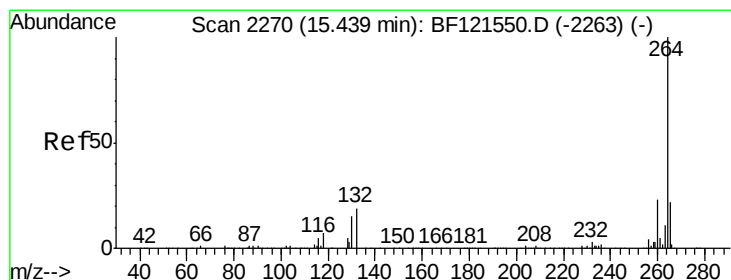
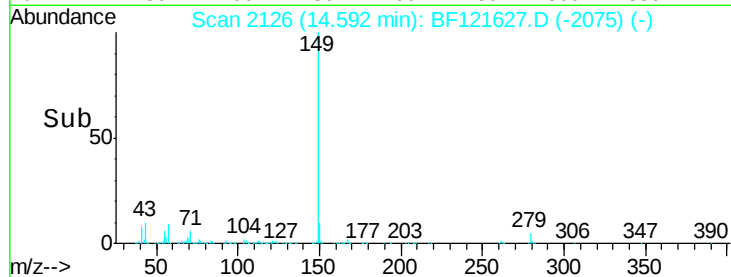
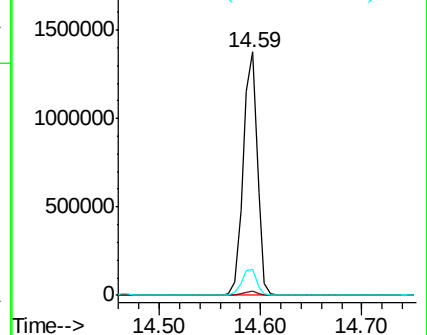
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 15.46 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

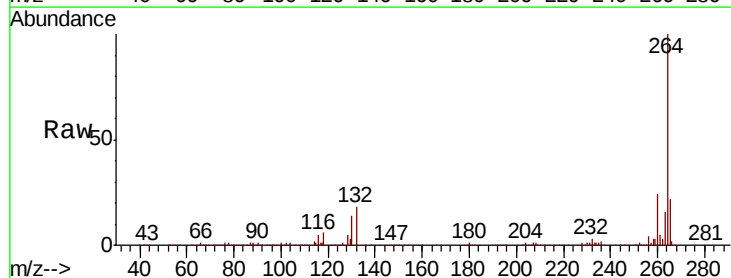
Tgt Ion:264 Resp: 516682

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

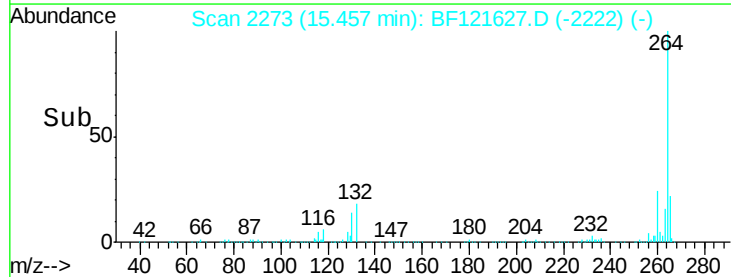
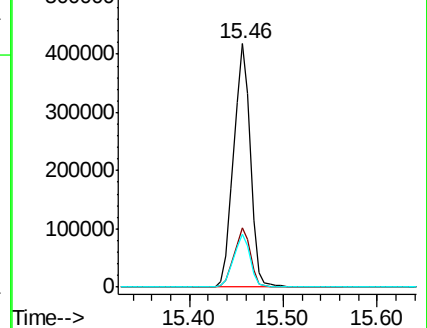
265 21.6 17.3 25.9

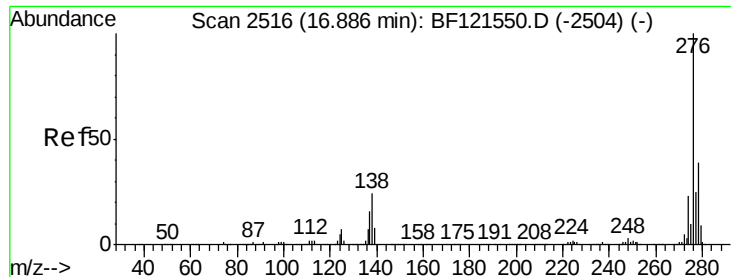


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





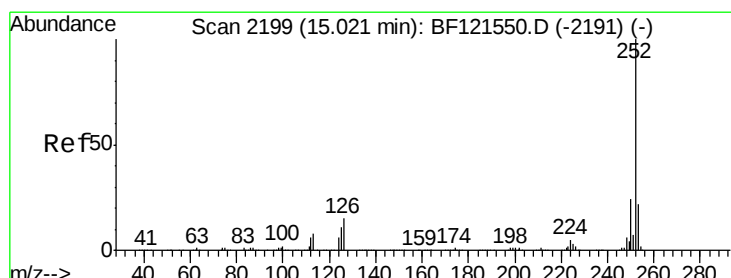
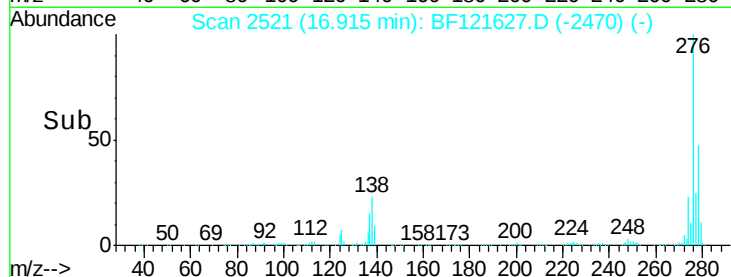
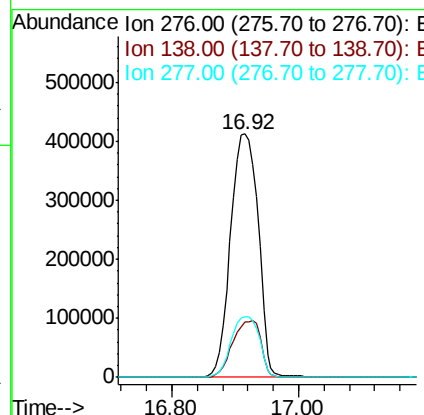
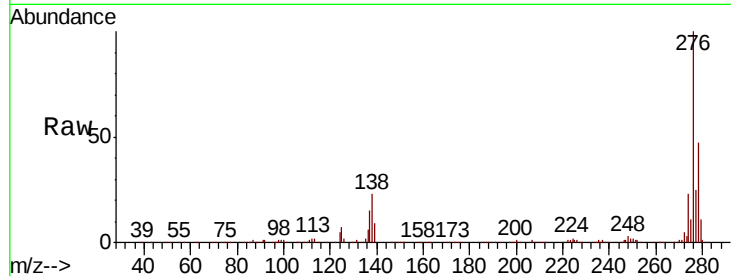
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.071 ng
 RT: 16.92 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: BF121627.D
 Acq: 21 Sep 2020 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB131752BS

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
138	23.8	19.0	28.6	
277	25.5	20.2	30.2	

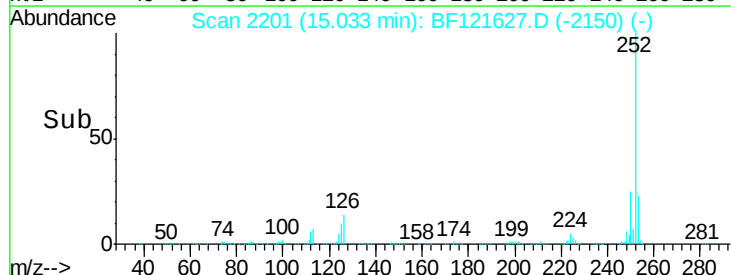
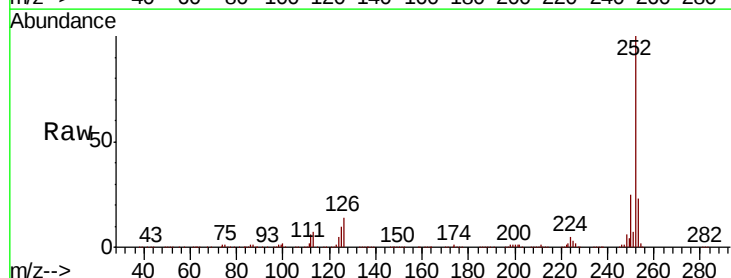
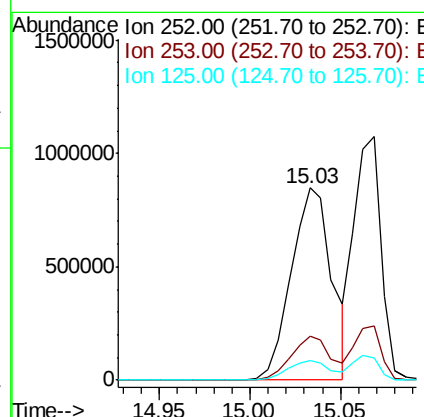
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#88
 Benzo(b)fluoranthene
 Concen: 38.387 ng
 RT: 15.03 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: BF121627.D
 Acq: 21 Sep 2020 15:22

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.9	18.2	27.4	
125	10.4	8.5	12.7	





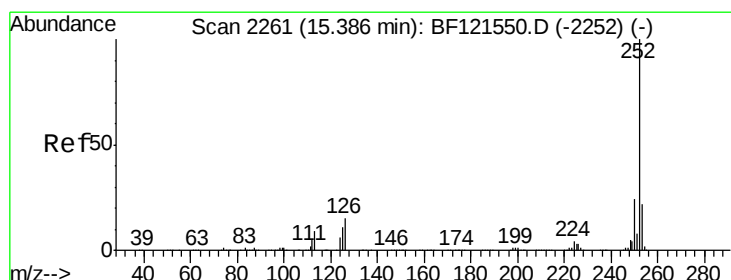
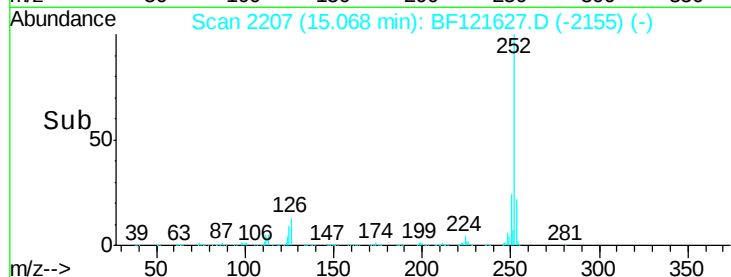
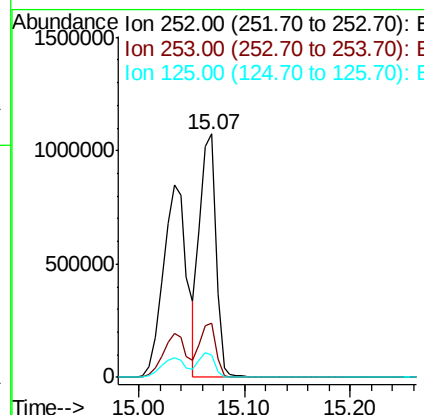
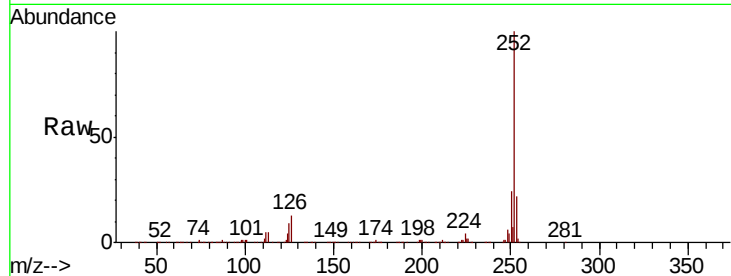
#89
Benzo(k)fluoranthene
Concen: 35.655 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Instrument :
BNA_F
ClientSampled :
PB131752BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	9.1	8.4	12.6

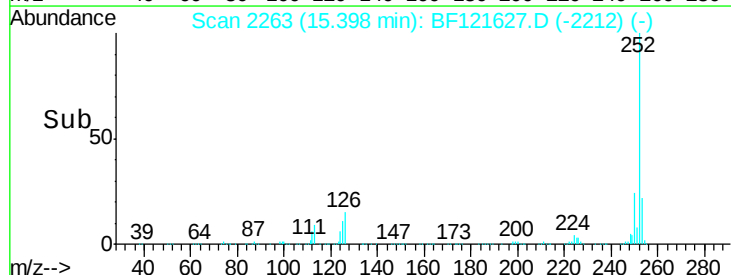
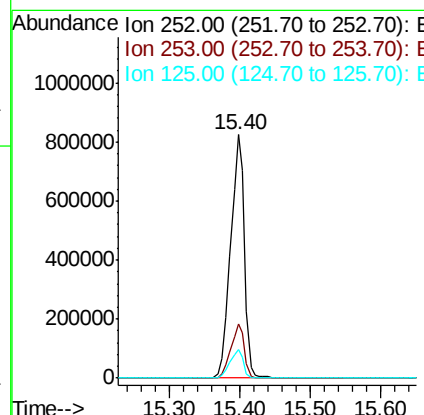
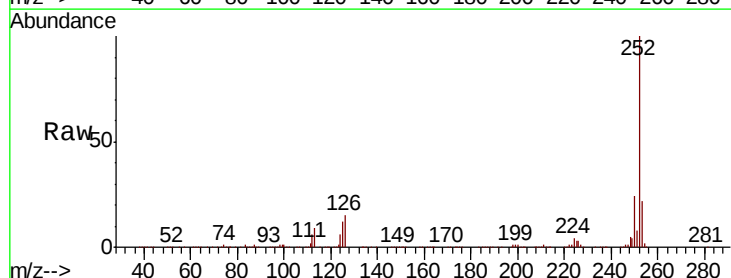
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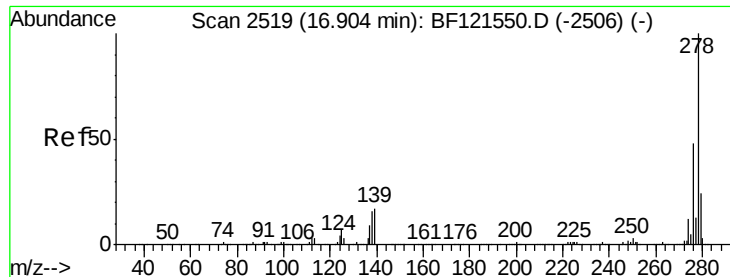
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#90
Benzo(a)pyrene
Concen: 38.164 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	11.5	9.1	13.7





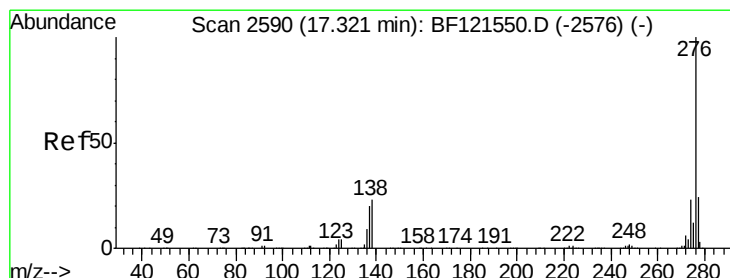
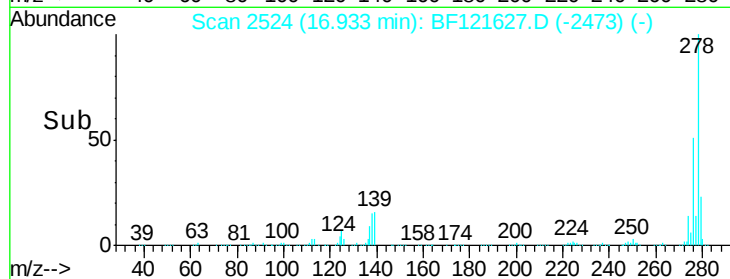
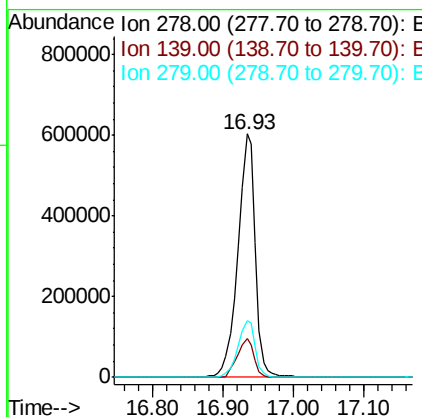
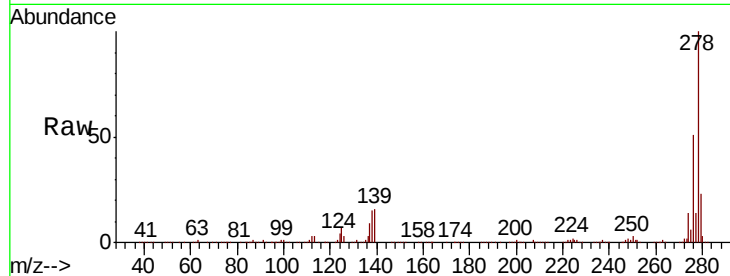
#91
Dibenzo(a,h)anthracene
Concen: 36.882 ng
RT: 16.93 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB131752BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.0	18.0
279	23.5	19.4	29.2

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#92
Benzo(g,h,i)perylene
Concen: 37.111 ng
RT: 17.36 min Scan# 2597
Delta R.T. 0.01 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.3	28.9
138	19.2	16.9	25.3

