

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092220\
 Data File : BF121646.D
 Acq On : 22 Sep 2020 18:18
 Operator : JU/CG
 Sample : PB131763BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131763BS

Manual Integrations
 APPROVED

mohammad
 9/23/2020 10:43:14 AM

Quant Time: Sep 22 18:43:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:53:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	154583	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	607787	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	327306	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	628365	20.00	ng	0.00
76) Chrysene-d12	13.98	240	496641	20.00	ng	0.00
86) Perylene-d12	15.43	264	406896	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	890095	85.57	ng	0.01
7) Phenol-d6	6.45	99	1164721	85.35	ng	0.00
23) Nitrobenzene-d5	7.37	82	792602	70.02	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	401230	98.63	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1446301	66.92	ng	0.00
79) Terphenyl-d14	12.92	244	1614242	65.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	232798	48.716	ng	99
3) Pyridine	3.36	79	324241	24.544	ng	97
4) n-Nitrosodimethylamine	3.32	42	208832	34.079	ng	98
6) Aniline	6.47	93	529615	29.799	ng	99
8) 2-Chlorophenol	6.60	128	404182	38.165	ng	98
9) Benzaldehyde	6.36	77	280970	31.495	ng	97
10) Phenol	6.46	94	505837	34.809	ng	91
11) bis(2-Chloroethyl)ether	6.55	93	389920	35.601	ng	99
12) 1,3-Dichlorobenzene	6.75	146	412280	34.878	ng	98
13) 1,4-Dichlorobenzene	6.83	146	421819	35.539	ng	98
14) 1,2-Dichlorobenzene	6.98	146	408201	37.333	ng	98
15) Benzyl Alcohol	6.96	79	355327	38.309	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	602449	34.182	ng	99
17) 2-Methylphenol	7.07	107	339650	37.693	ng	99
18) Hexachloroethane	7.32	117	151974	35.760	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	282053	35.862	ng	99
20) 3+4-Methylphenols	7.22	107	399621	36.911	ng	98
22) Acetophenone	7.22	105	535026	34.695	ng	99
24) Nitrobenzene	7.39	77	437943	35.770	ng	99
25) Isophorone	7.63	82	801608	35.178	ng	100
26) 2-Nitrophenol	7.71	139	210966	37.210	ng	96
27) 2,4-Dimethylphenol	7.75	122	354132	34.815	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	491008	34.806	ng	99
29) 2,4-Dichlorophenol	7.96	162	343128	37.037	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	350450	35.917	ng	99
31) Naphthalene	8.12	128	1137659	35.459	ng	100
32) Benzoic acid	7.89	122	235192	33.448	ng	94
33) 4-Chloroaniline	8.17	127	433606	31.177	ng	96
34) Hexachlorobutadiene	8.23	225	206617	36.077	ng	99
35) Caprolactam	8.55	113	118170m	38.302	ng	
36) 4-Chloro-3-methylphenol	8.66	107	380009	38.077	ng	99
37) 2-Methylnaphthalene	8.81	142	763970	36.335	ng	99
38) 1-Methylnaphthalene	8.91	142	719137	36.750	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	358101	35.026	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	370687	63.489	nq	98
43) 2,4,6-Trichlorophenol	9.09	196	256925	36.868	nq	98
44) 2,4,5-Trichlorophenol	9.13	196	271787	36.892	nq	97
46) 1,1'-Biphenyl	9.27	154	940670	35.899	nq	100
47) 2-Chloronaphthalene	9.30	162	716860	34.717	nq	99
48) 2-Nitroaniline	9.40	65	257173	40.079	nq	99
49) Acenaphthylene	9.72	152	1153719	36.365	nq	100
50) Dimethylphthalate	9.58	163	880059	37.098	nq	100
51) 2,6-Dinitrotoluene	9.64	165	201113	39.808	nq	100
52) Acenaphthene	9.89	154	676218	33.746	nq	99
53) 3-Nitroaniline	9.81	138	177625	30.350	nq	98
54) 2,4-Dinitrophenol	9.92	184	225497	77.682	nq	97
55) Dibenzofuran	10.06	168	1009221	35.763	nq	100
56) 4-Nitrophenol	9.99	139	333501	71.453	nq	95
57) 2,4-Dinitrotoluene	10.05	165	266841	41.983	nq	97
58) Fluorene	10.40	166	782911	36.279	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	232980	38.899	nq	100
60) Diethylphthalate	10.28	149	865291	37.411	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	389999	37.726	nq	98
62) 4-Nitroaniline	10.43	138	224108	38.566	nq	98
63) Azobenzene	10.55	77	882795	35.841	nq	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	151599	40.556	nq	96
66) n-Nitrosodiphenylamine	10.52	169	757812	35.153	nq	98
67) 4-Bromophenyl-phenylether	10.88	248	265609	37.126	nq	95
68) Hexachlorobenzene	10.95	284	296072	36.671	nq	97
69) Atrazine	11.04	200	222342	41.514	nq	98
70) Pentachlorophenol	11.15	266	319783	72.121	nq	99
71) Phenanthrene	11.36	178	1219428	35.618	nq	100
72) Anthracene	11.42	178	1258118	35.610	nq	100
73) Carbazole	11.57	167	1151674	36.123	nq	99
74) Di-n-butylphthalate	11.90	149	1318913	35.843	nq	100
75) Fluoranthene	12.55	202	1325473	36.268	nq	99
77) Benzidine	12.67	184	710796	43.171	nq	100
78) Pyrene	12.78	202	1362743	37.556	nq	99
80) Butylbenzylphthalate	13.40	149	557257	37.973	nq	99
81) Benzo(a)anthracene	13.97	228	1173851	37.360	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	365993	29.837	nq	99
83) Chrysene	14.01	228	1149470	36.128	nq	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	704334	35.926	nq	100
85) Di-n-octyl phthalate	14.57	149	1204584	34.816	nq	100
87) Indeno(1,2,3-cd)pyrene	16.87	276	975718	36.822	nq	100
88) Benzo(b)fluoranthene	15.01	252	1062897	39.075	nq	99
89) Benzo(k)fluoranthene	15.04	252	1032961	41.469	nq	100
90) Benzo(a)pyrene	15.37	252	928439	40.154	nq	99
91) Dibenzo(a,h)anthracene	16.89	278	810408	36.740	nq	99
92) Benzo(g,h,i)perylene	17.31	276	801281	36.955	nq	98

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

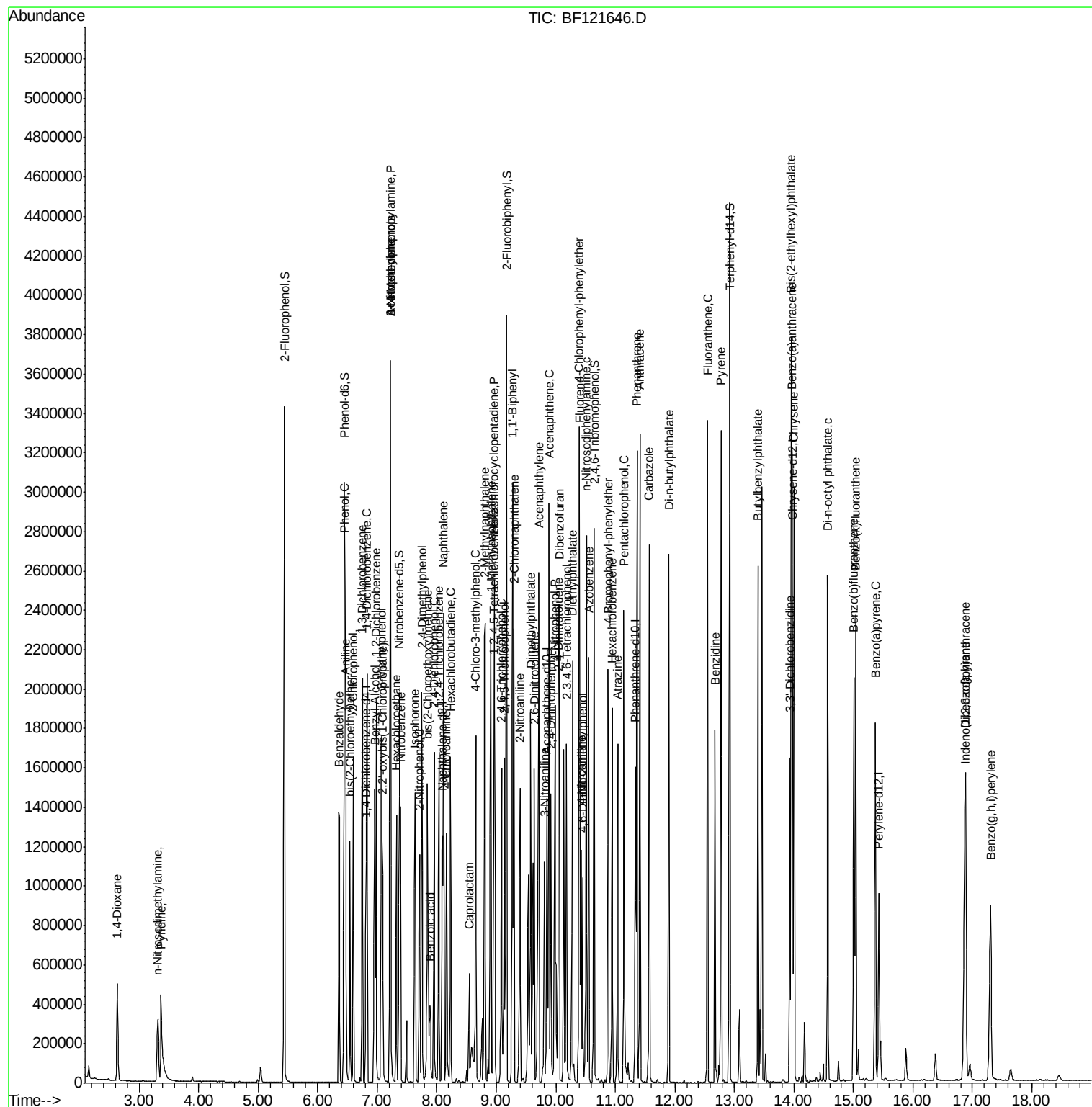
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#1

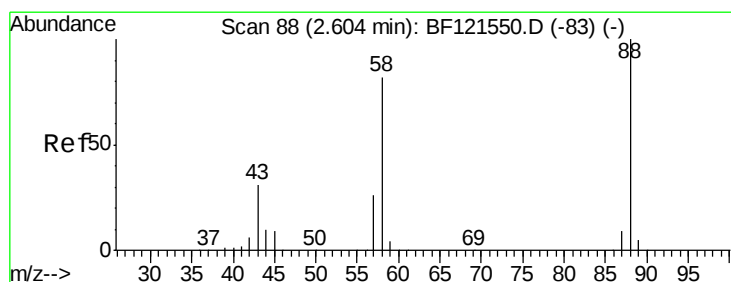
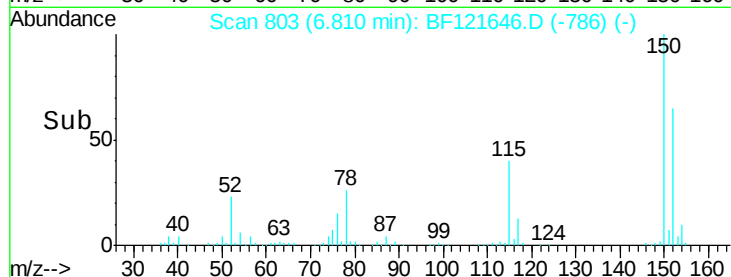
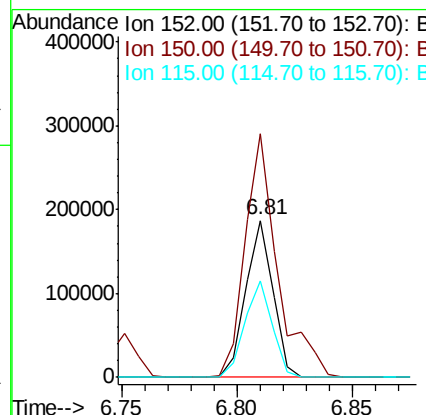
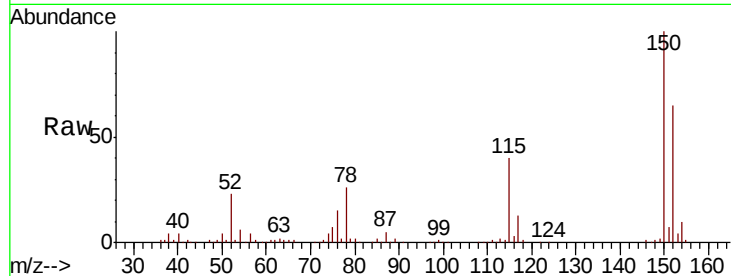
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	128.1	192.1
115	61.5	52.6	79.0

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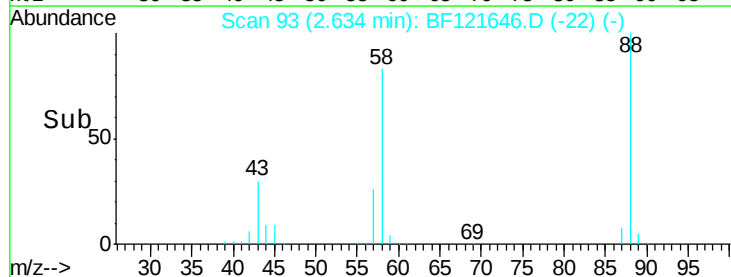
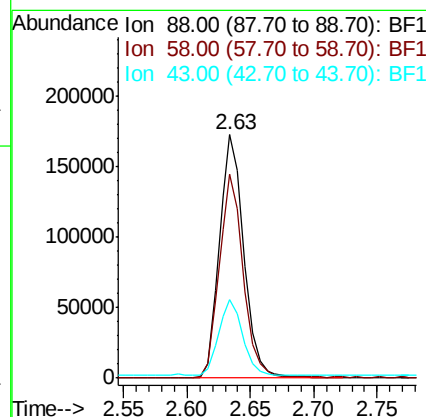
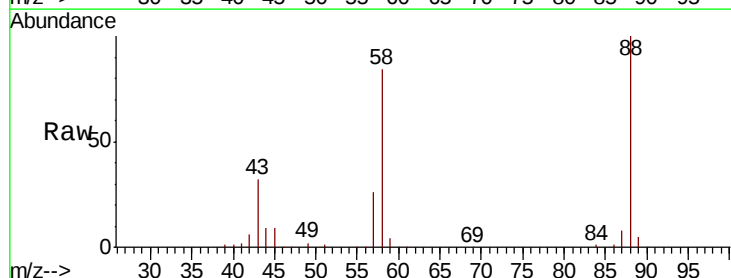
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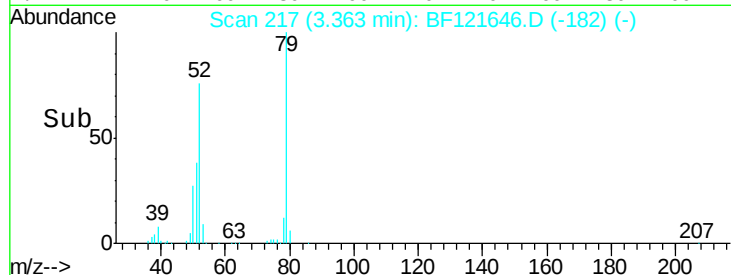
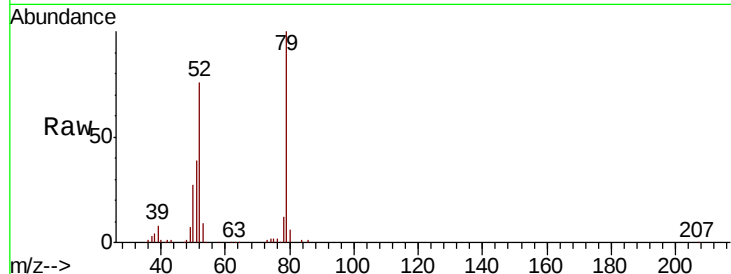
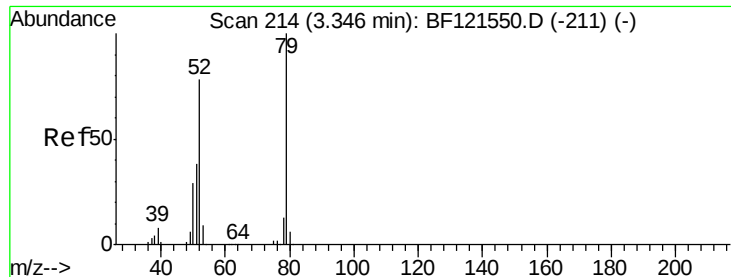


#2

1,4-Dioxane
Concen: 48.716 ng
RT: 2.63 min Scan# 93
Delta R.T. 0.12 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.4	65.4	98.0
43	30.1	24.9	37.3





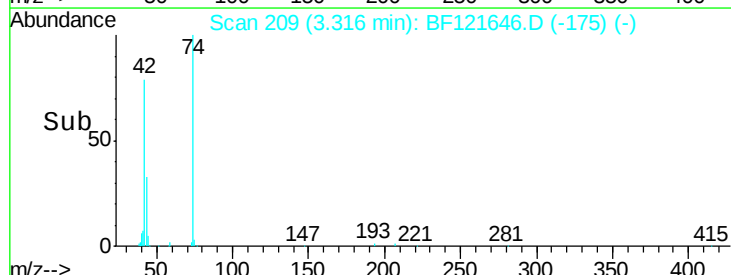
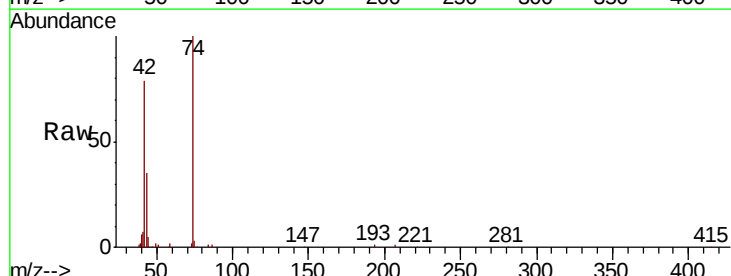
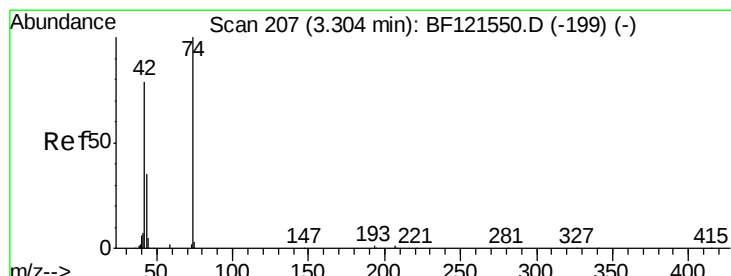
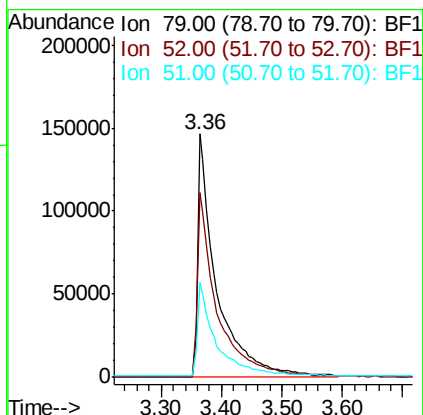
#3
Pvridine
Concen: 24.544 ng
RT: 3.36 min Scan# 217
Delta R.T. 0.11 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Tot Ion	Ratio	Resp	Lower	Upper
79	100	324241		
52	75.7		63.4	95.0
51	39.0		30.7	46.1

Instrument :
BNA_F
ClientSampleId :
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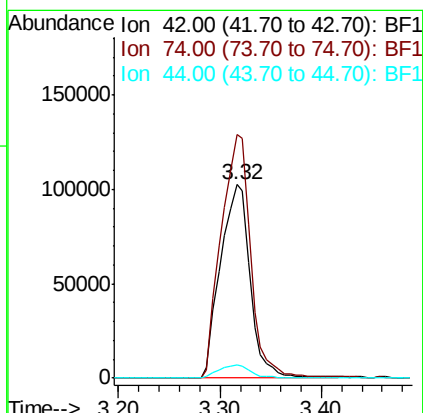
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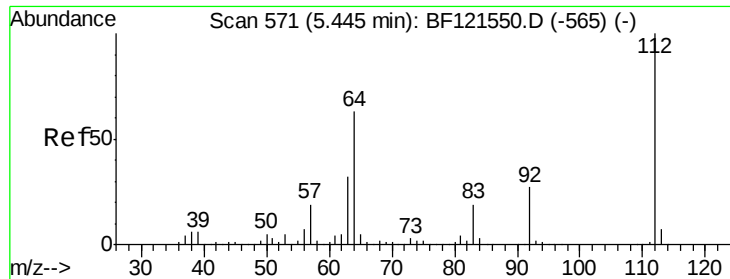
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#4
n-Nitrosodimethylamine
Concen: 34.079 ng
RT: 3.32 min Scan# 209
Delta R.T. 0.10 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	208832		
74	126.1		102.6	154.0
44	6.6		6.0	9.0





#5

2-Fluorophenol

Concen: 85.572 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.01 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Instrument :

BNA_F

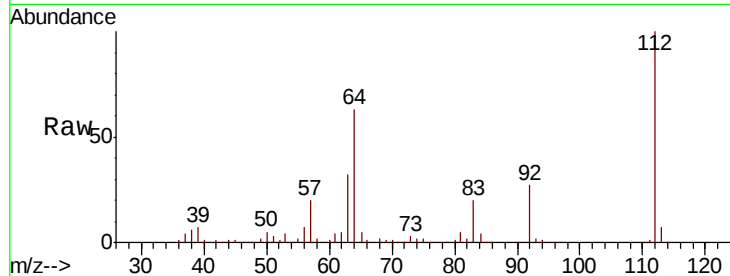
ClientSampleId :

PB131763BS

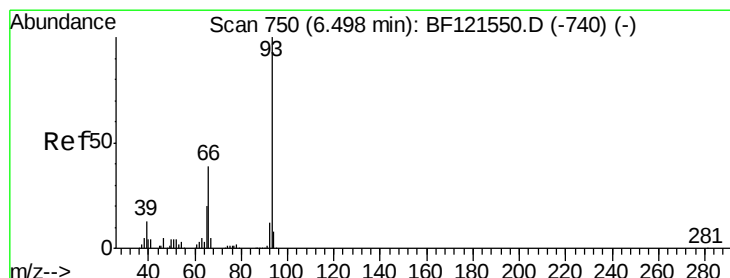
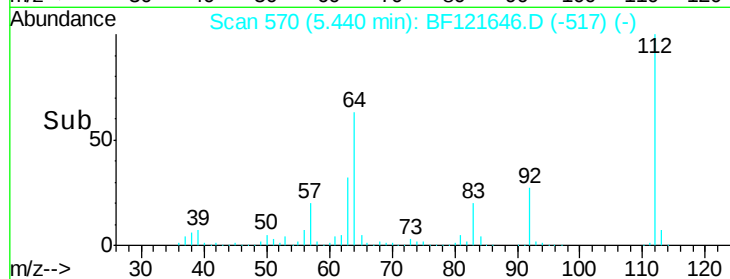
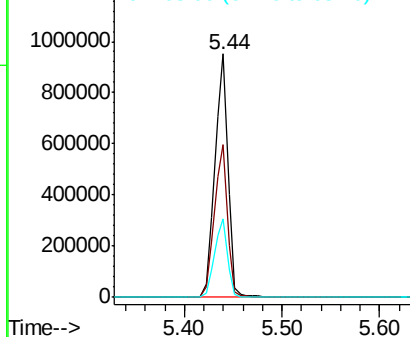
Tot Ion:	112	Resp:	890095
Ion Ratio	Lower	Upper	
112	100		
64	62.9	52.2	78.2
63	32.0	26.6	39.8

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.799 ng

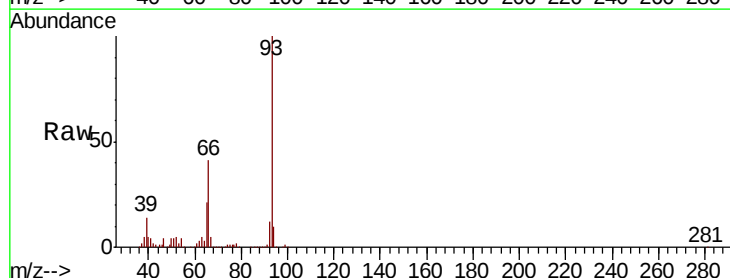
RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

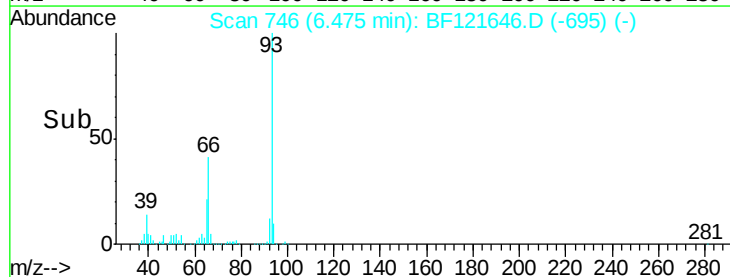
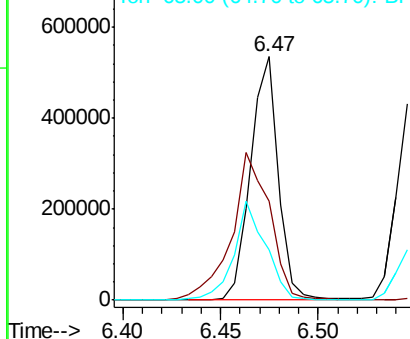
Lab File: BF121646.D

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Tgt Ion:	93	Resp:	529615
Ion Ratio	Lower	Upper	
93	100		
66	40.6	31.9	47.9
65	20.9	16.1	24.1



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 85.350 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Instrument :

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Tot Ion: 99 Resp: 1164721

Ion Ratio Lower Upper

99 100

42 20.3 15.5 23.3

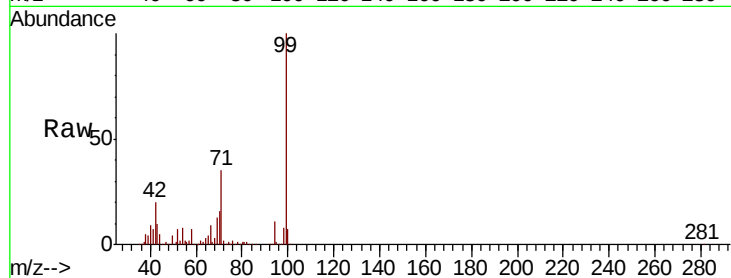
71 34.7 27.4 41.2

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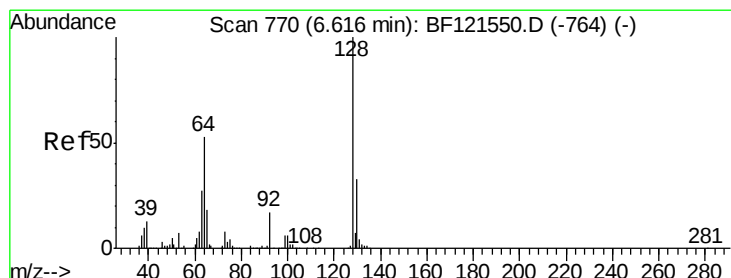
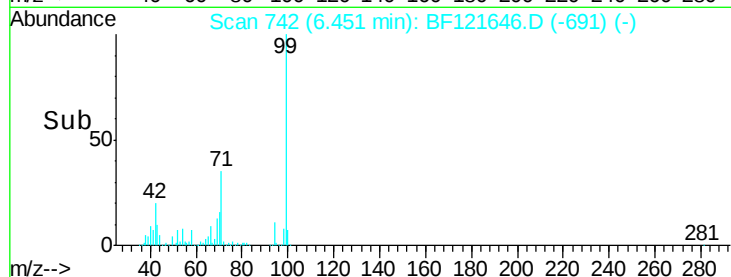
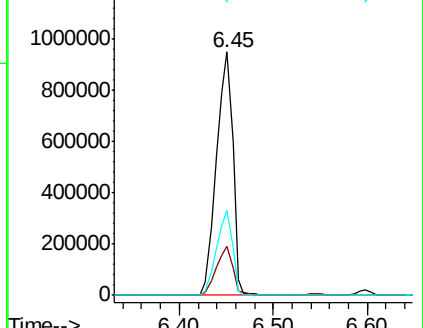
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.165 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

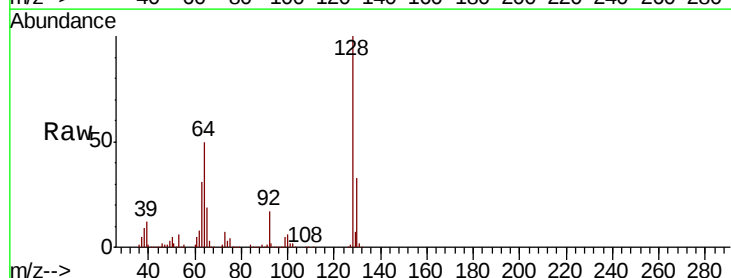
Tgt Ion: 128 Resp: 404182

Ion Ratio Lower Upper

128 100

130 32.6 13.5 53.5

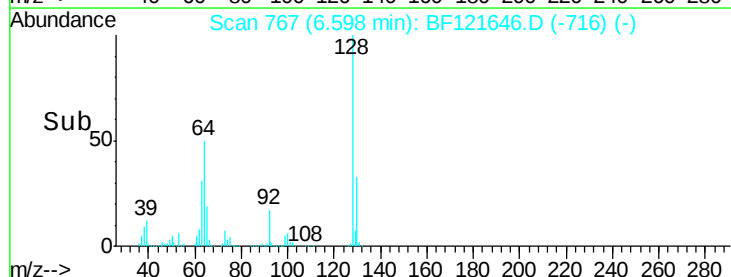
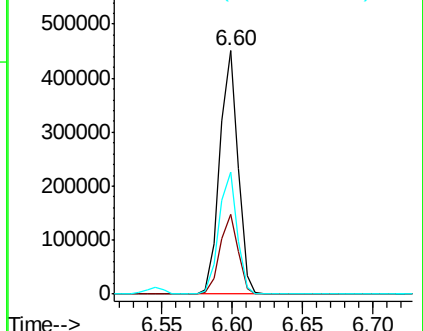
64 50.3 29.3 69.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 31.495 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

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BNA_F

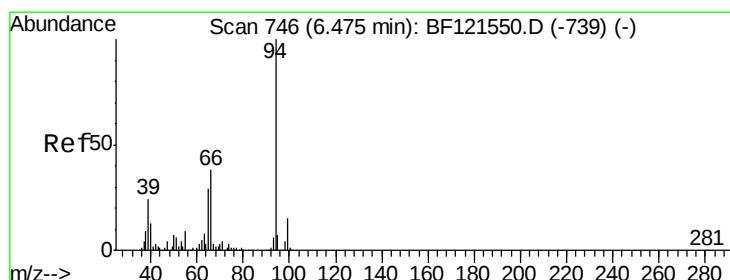
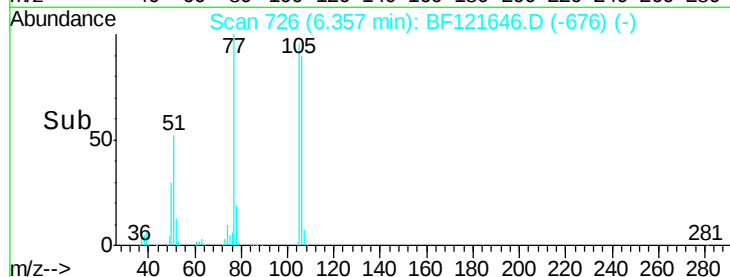
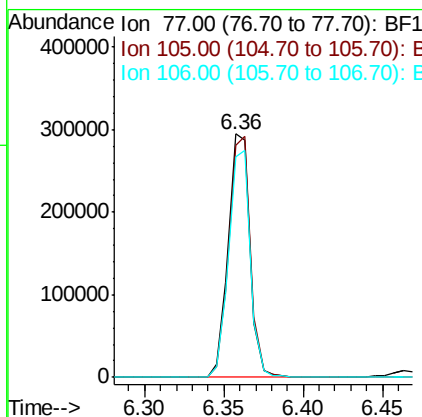
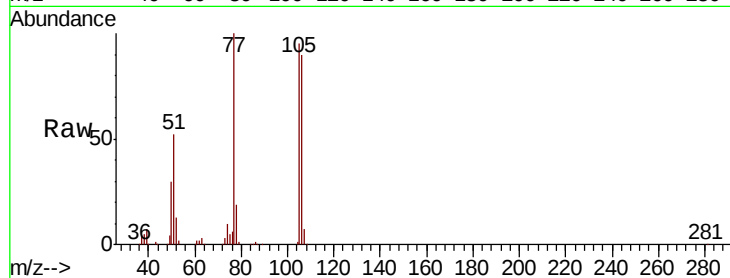
ClientSampleId :

PB131763BS

Tot Ion:	77	Resp:	280970
Ion	Ratio	Lower	Upper
77	100		
105	95.4	79.2	119.2
106	90.5	72.9	112.9

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#10

Phenol

Concen: 34.809 ng

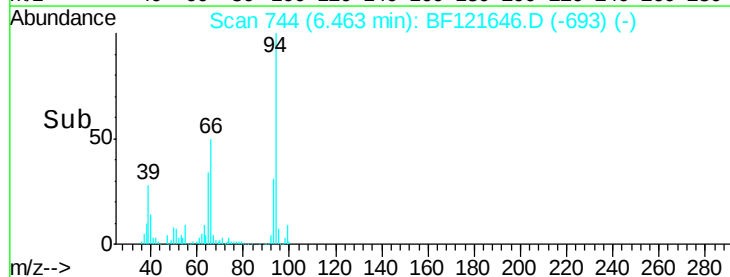
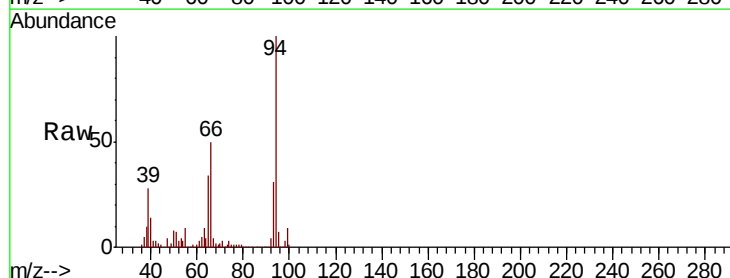
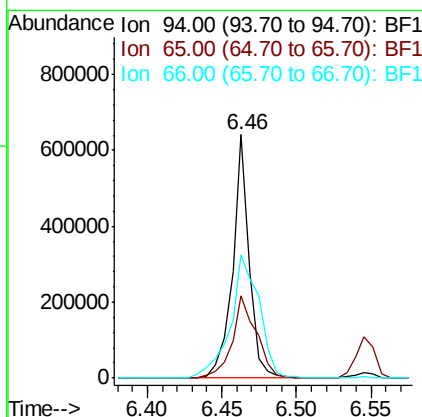
RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Tgt Ion:	94	Resp:	505837
Ion	Ratio	Lower	Upper
94	100		
65	33.8	17.8	57.8
66	50.5	37.8	77.8





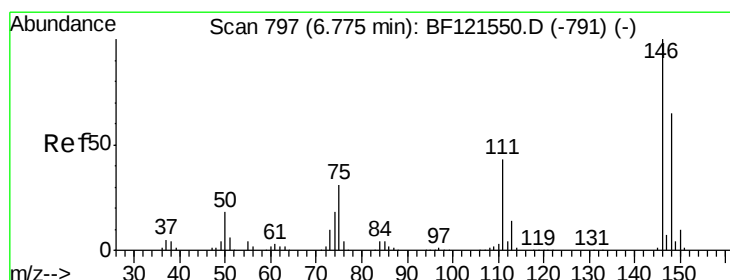
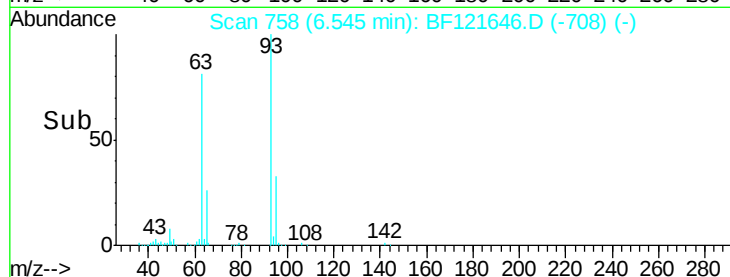
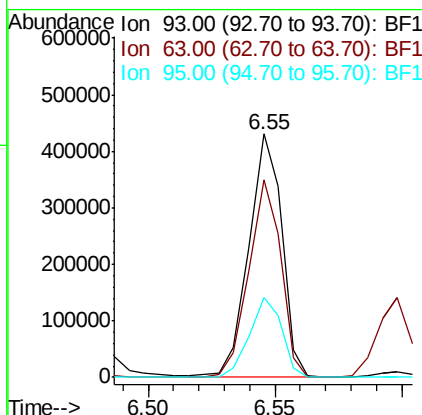
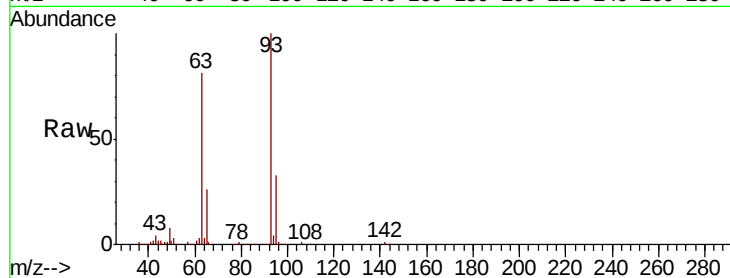
#11
bis(2-Chloroethyl)ether
Concen: 35.601 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Instrument :
BNA_F
ClientSampleId :
PB131763BS

Tot Ion:	93	Resp:	389920
Ion Ratio	Lower	Upper	
93	100		
63	81.0	60.3	100.3
95	32.8	12.6	52.6

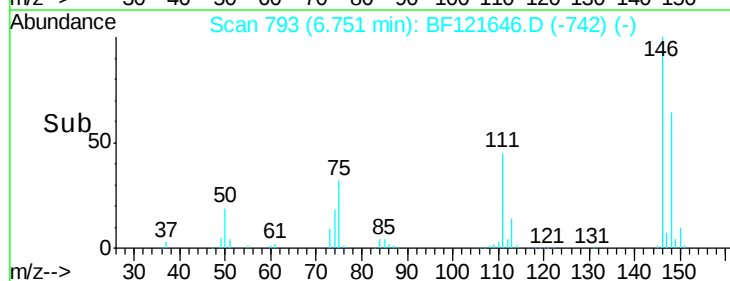
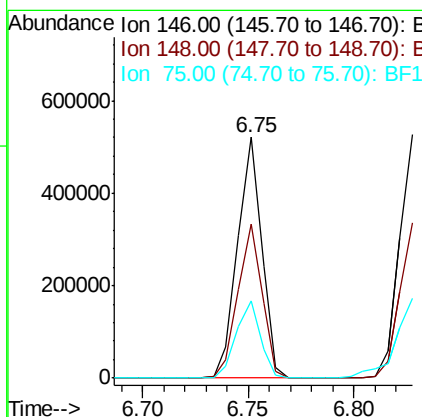
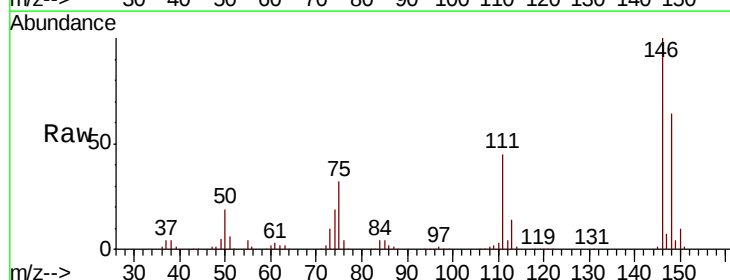
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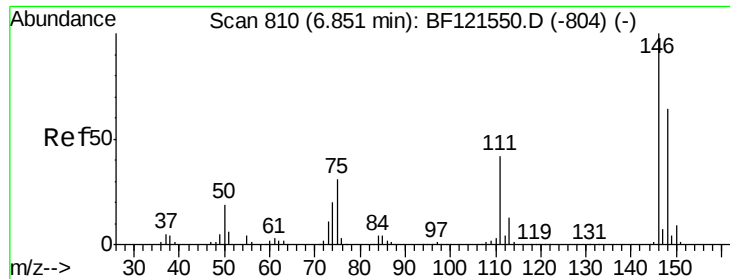
mohammad
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#12
1,3-Dichlorobenzene
Concen: 34.878 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Tgt Ion:	146	Resp:	412280
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.6	75.8
75	32.0	23.5	35.3





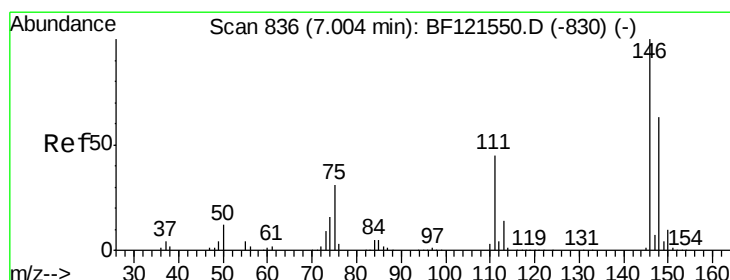
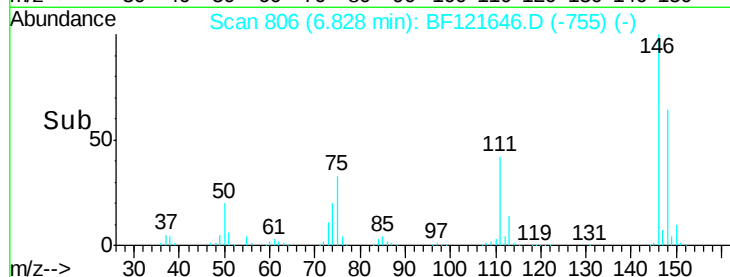
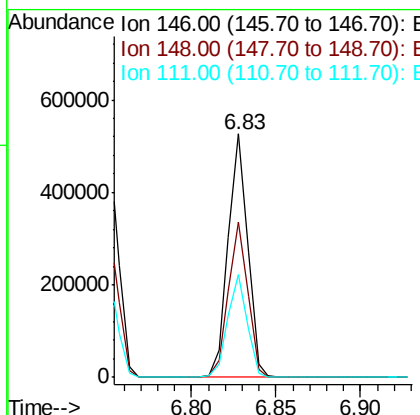
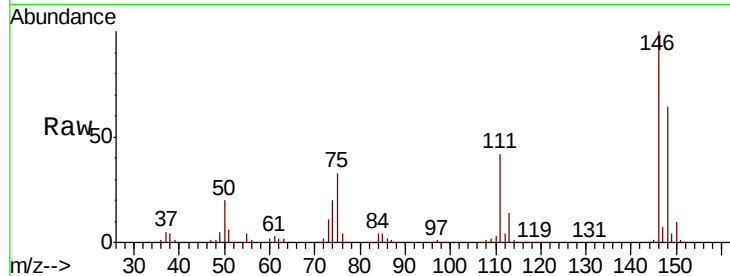
#13
 1,4-Dichlorobenzene
 Concen: 35.539 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB131763BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.9	77.9
111	42.2	32.7	49.1

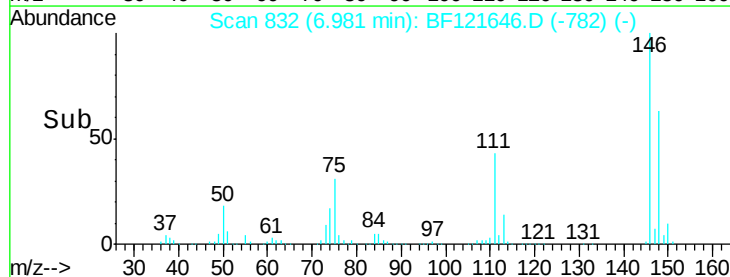
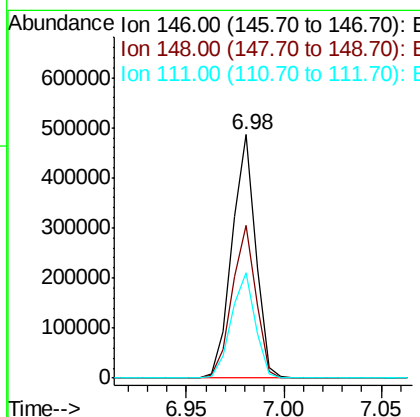
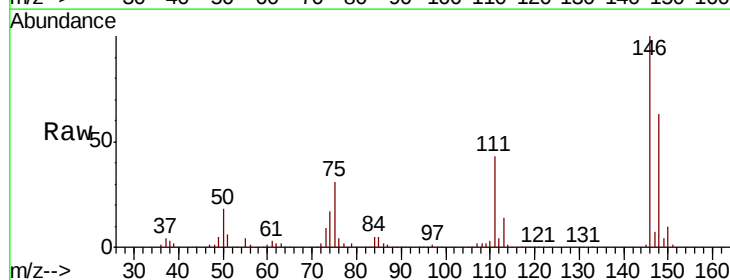
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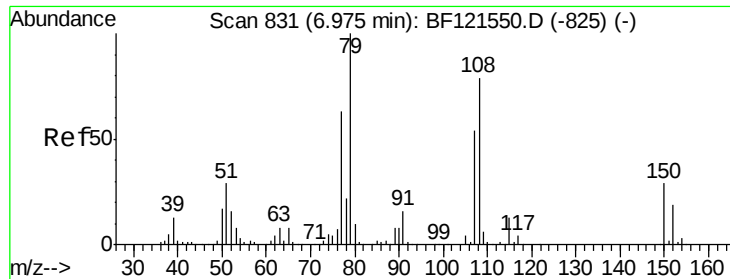
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 37.333 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.3	76.9
111	43.3	35.5	53.3





#15

Benzyl Alcohol

Concen: 38.309 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Instrument :

BNA_F

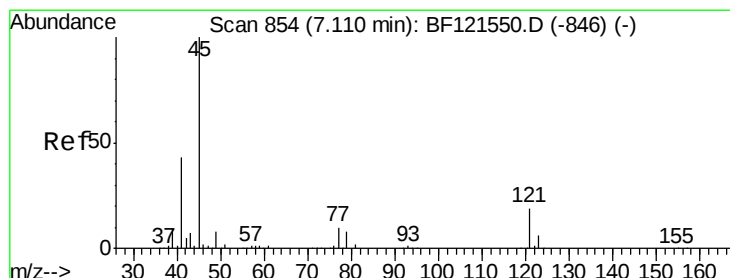
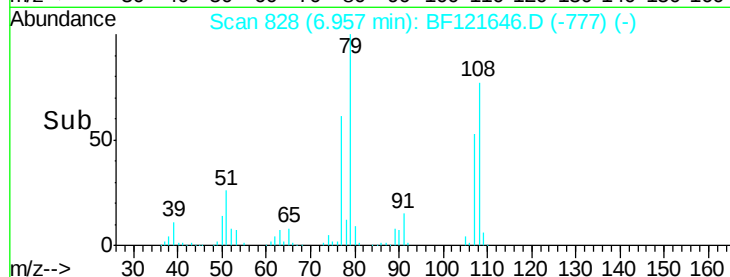
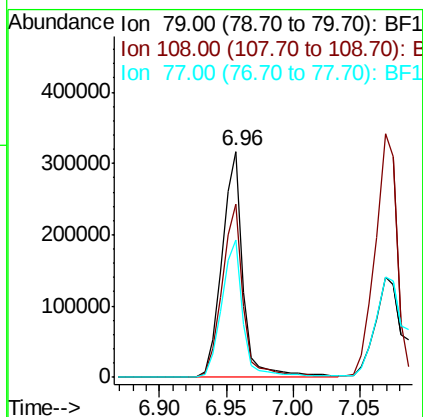
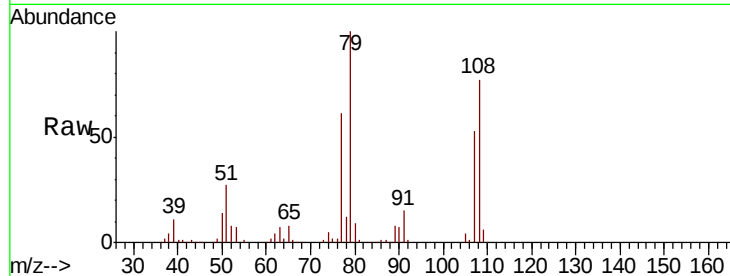
ClientSampled :

PB131763BS

Tot Ion:	79	Resp:	355327
Ion Ratio	Lower	Upper	
79	100		
108	76.7	60.2	90.2
77	60.8	50.6	76.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.182 ng

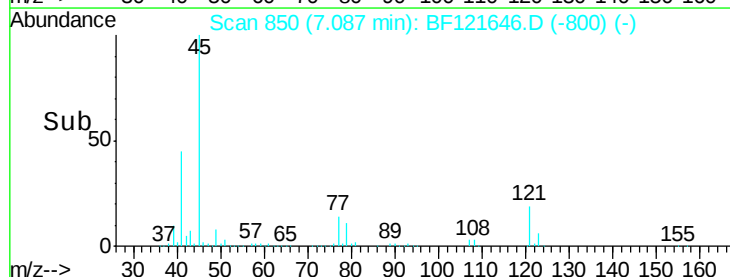
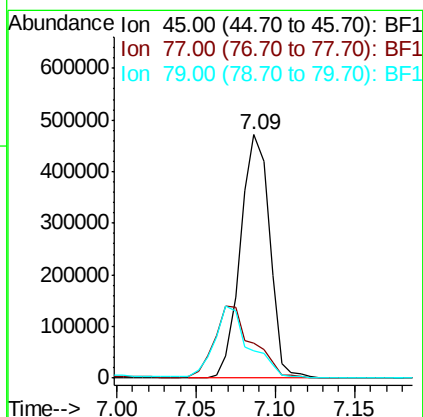
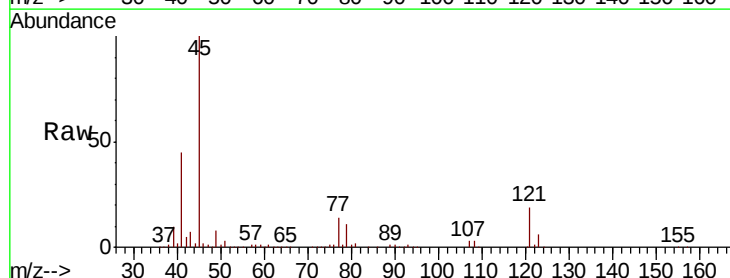
RT: 7.09 min Scan# 850

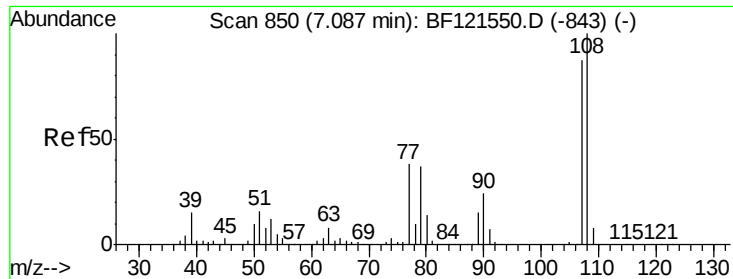
Delta R.T. -0.01 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Tgt Ion:	45	Resp:	602449
Ion Ratio	Lower	Upper	
45	100		
77	14.2	0.0	33.8
79	11.1	0.0	31.2





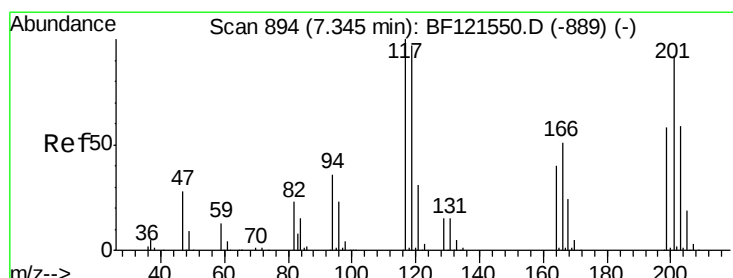
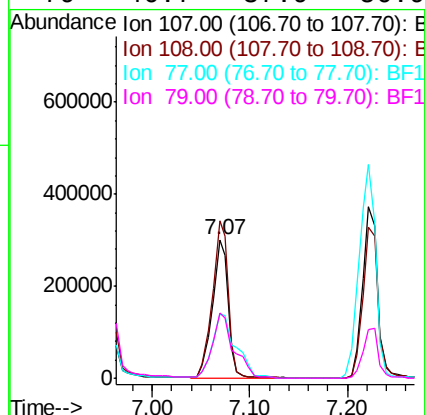
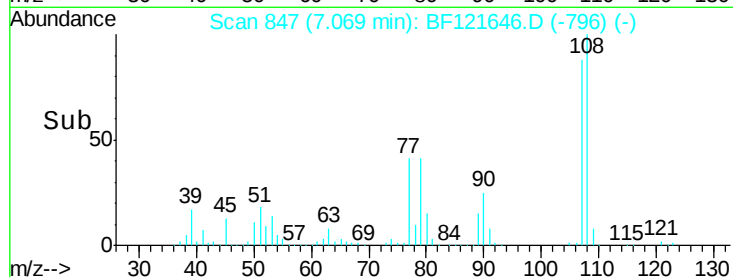
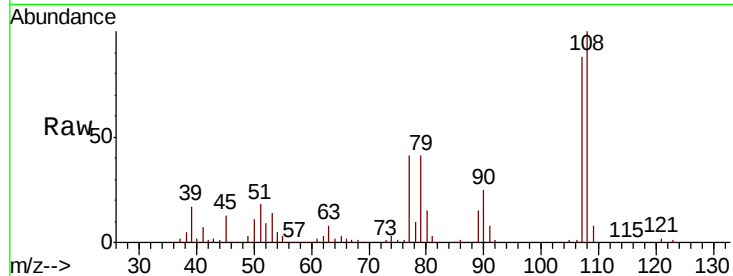
#17
2-Methylphenol
Concen: 37.693 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Instrument :
BNA_F
ClientSampleId :
PB131763BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	90.6	135.8	
77	46.7	38.7	58.1	
79	46.7	37.9	56.9	

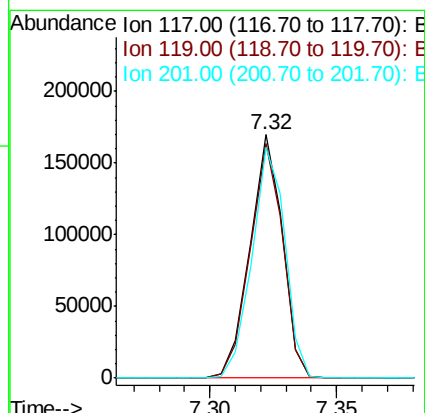
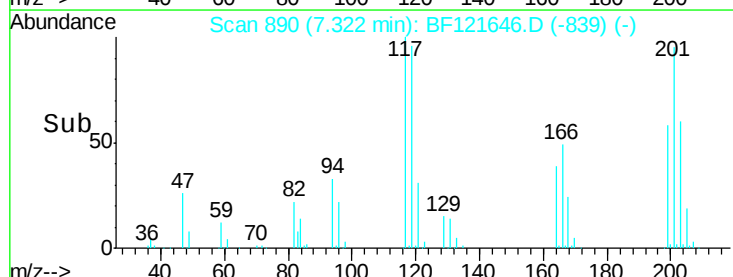
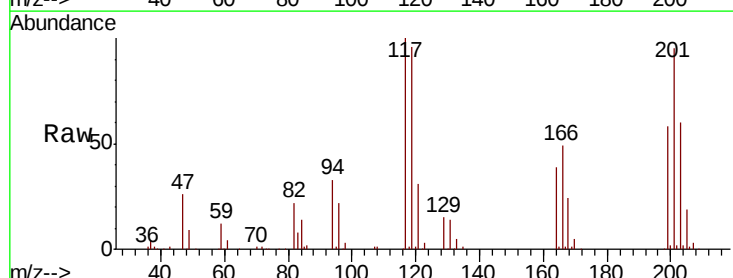
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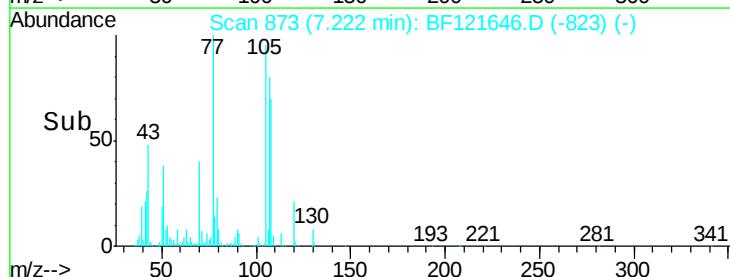
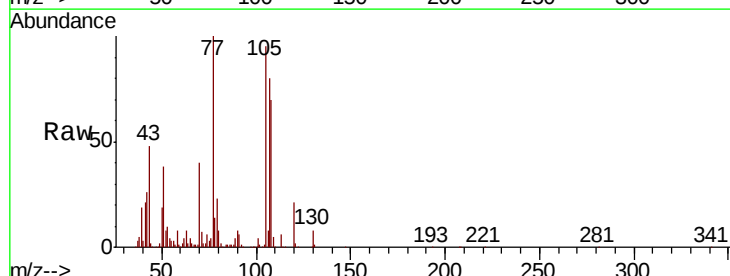
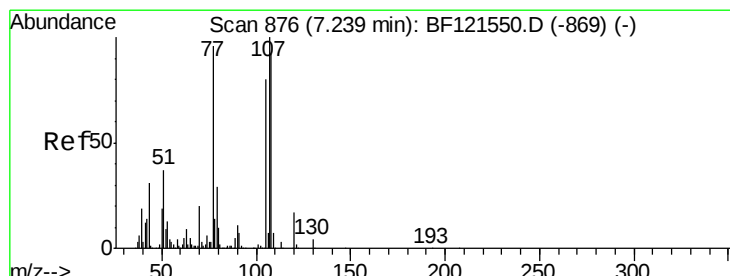
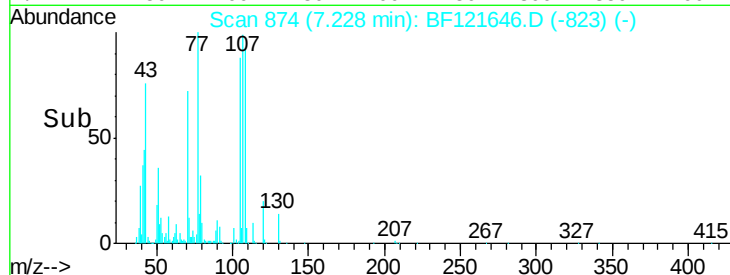
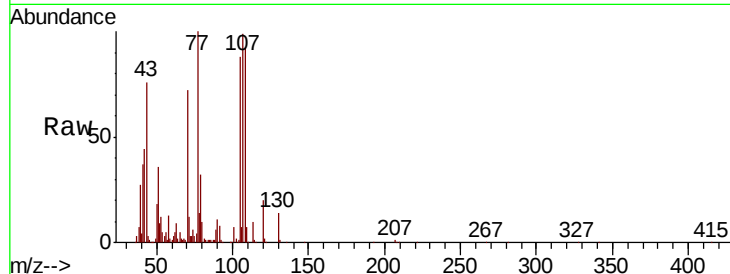
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#18
Hexachloroethane
Concen: 35.760 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

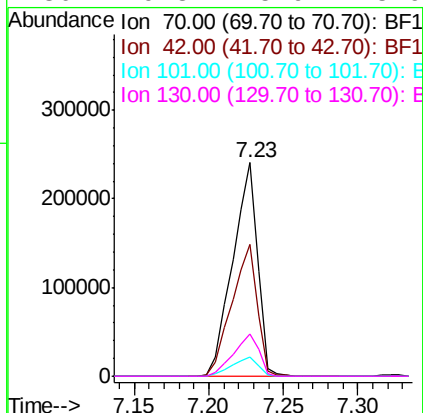
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	75.7	113.5	
201	94.8	77.5	116.3	





#19
n-Nitroso-di-n-propylamine
Concen: 35.862 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.5	48.3	72.5
101	9.1	7.6	11.4
130	19.8	15.9	23.9



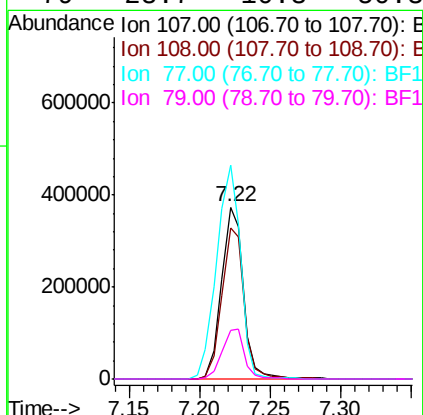
Instrument :
BNA_F
ClientSampleId :
PB131763BS

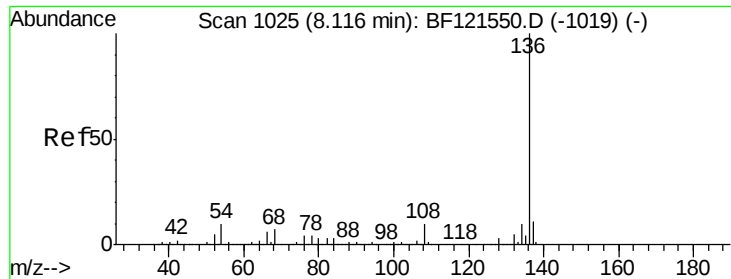
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#20
3+4-Methylphenols
Concen: 36.911 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.7	67.0	107.0
77	124.5	107.7	147.7
79	28.7	10.3	50.3





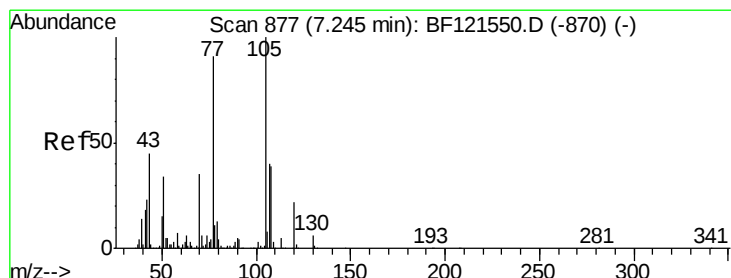
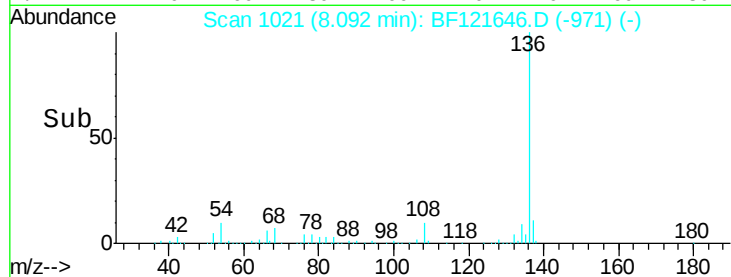
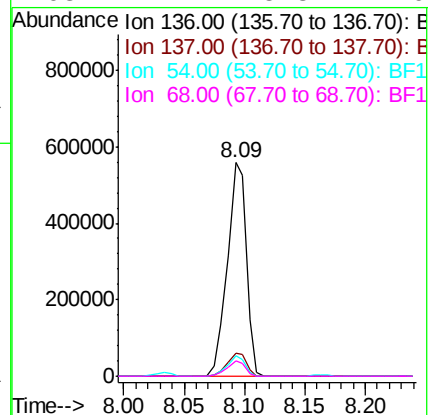
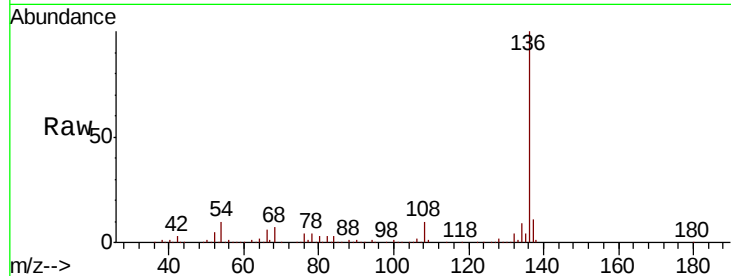
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Instrument :
BNA_F
ClientSampleId :
PB131763BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		607787		
137	10.9		8.9	13.3	
54	9.6		7.4	11.0	
68	7.1		5.3	7.9	

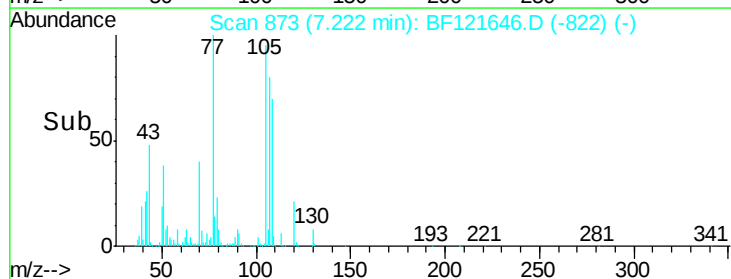
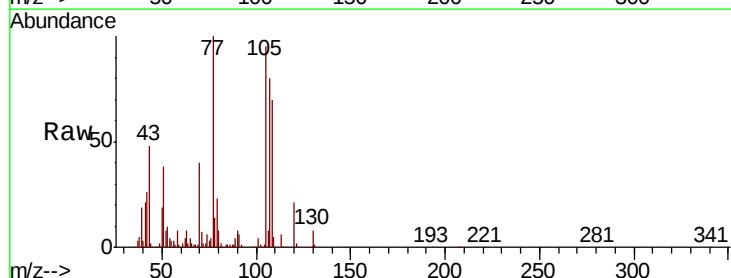
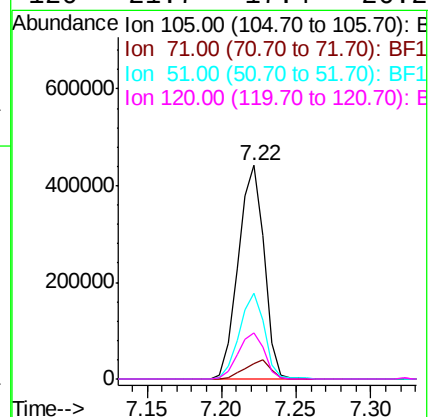
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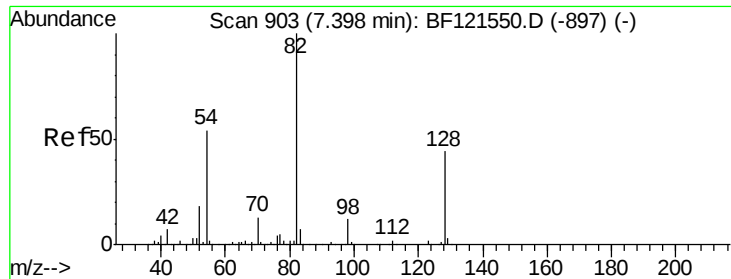
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#22
Acetophenone
Concen: 34.695 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		535026		
71	7.0		5.5	8.3	
51	40.3		31.7	47.5	
120	21.7		17.4	26.2	





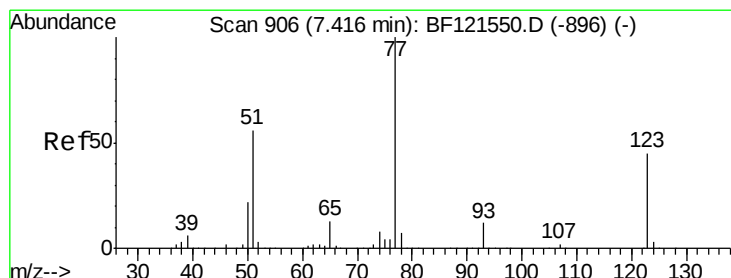
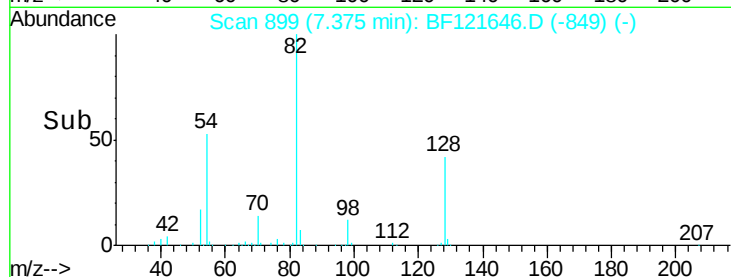
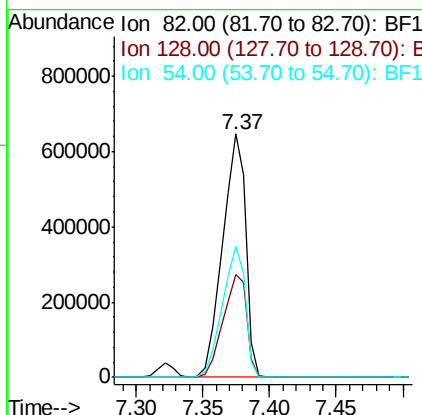
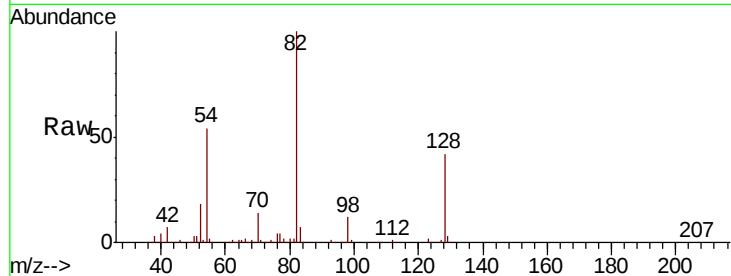
#23
Nitrobenzene-d5
Concen: 70.018 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Instrument :
BNA_F
ClientSampleId :
PB131763BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.3	33.9	50.9
54	53.5	42.9	64.3

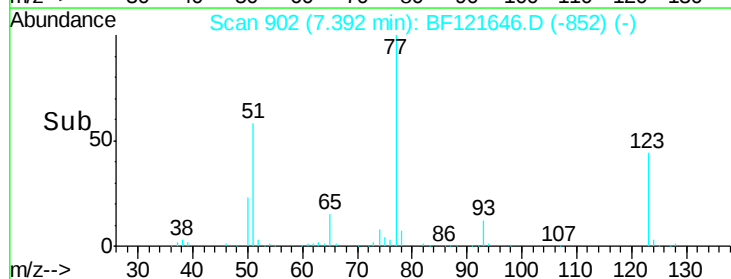
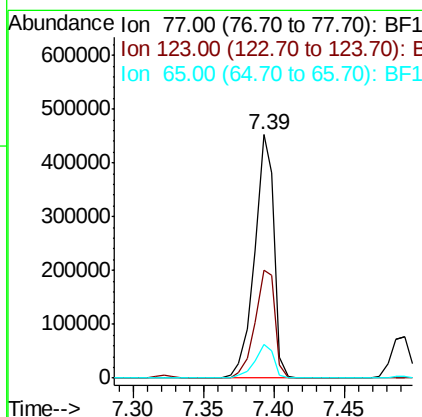
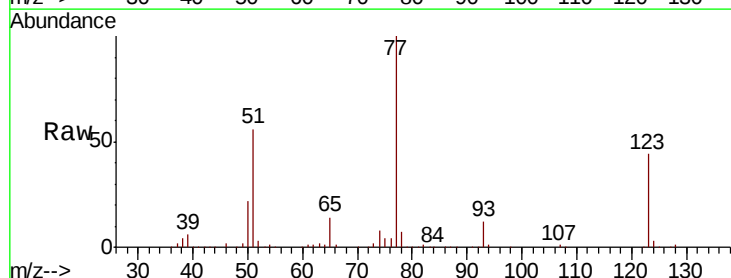
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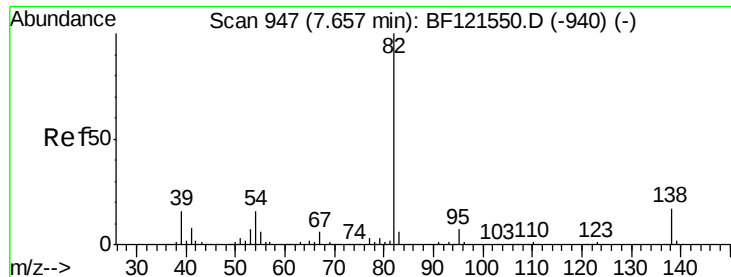
mohammad
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#24
Nitrobenzene
Concen: 35.770 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.1	35.8	53.8
65	13.6	11.2	16.8





#25

Isophorone

Concen: 35.178 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Instrument :

BNA_F

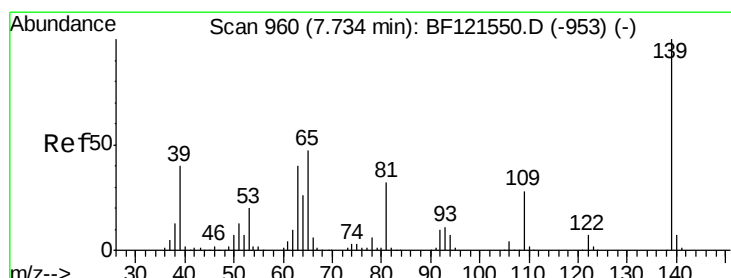
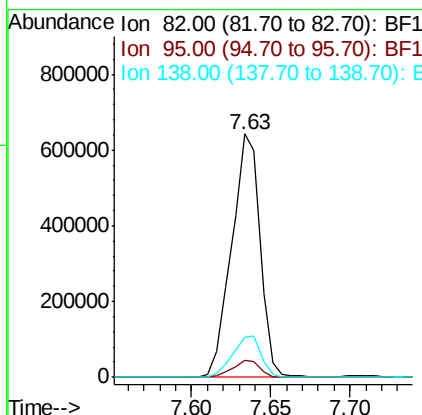
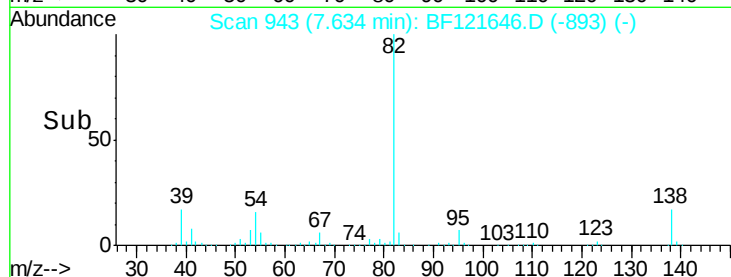
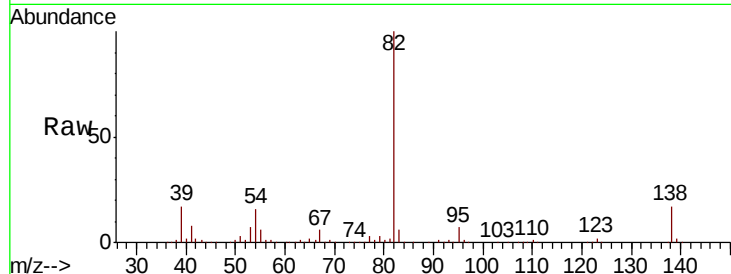
ClientSampleId :

PB131763BS

Tot Ion:	82	Resp:	801608
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.8	8.6
138	16.5	13.2	19.8

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#26

2-Nitrophenol

Concen: 37.210 ng

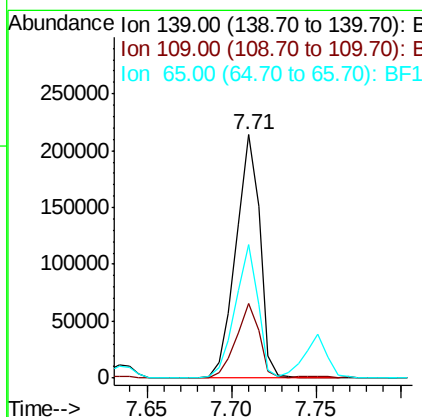
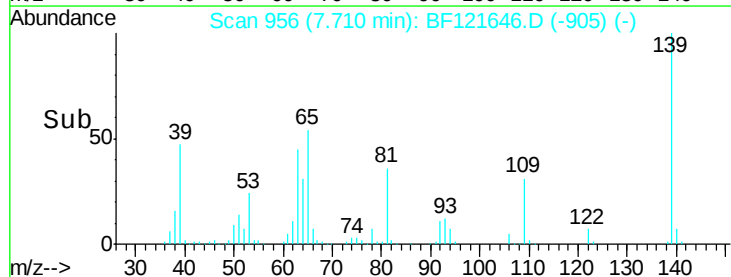
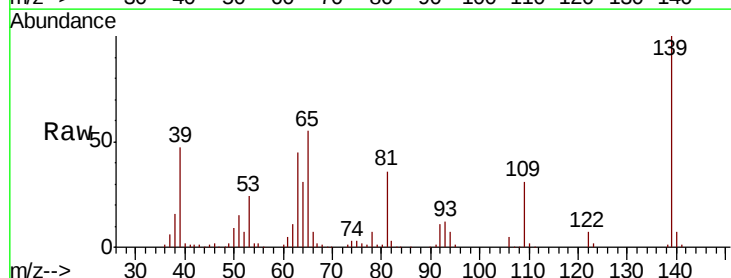
RT: 7.71 min Scan# 956

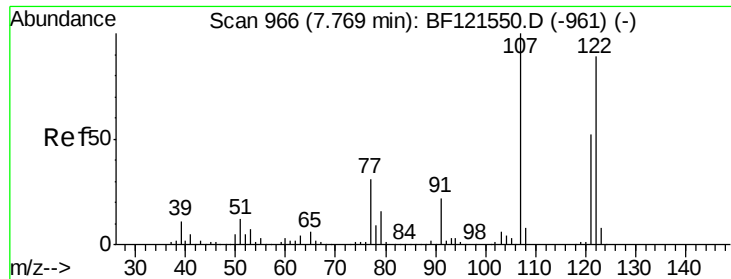
Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Tgt Ion:	139	Resp:	210966
Ion Ratio		Lower	Upper
139	100		
109	30.6	23.4	35.2
65	54.6	41.0	61.4





#27

2,4-Dimethylphenol

Concen: 34.815 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Instrument :

BNA_F

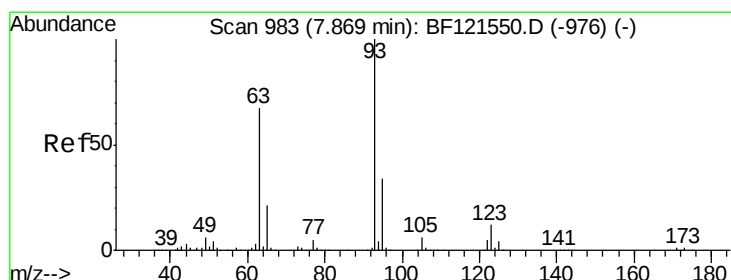
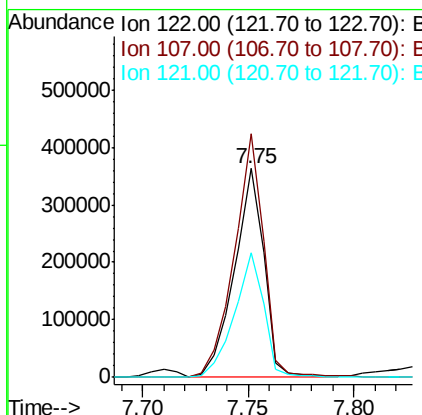
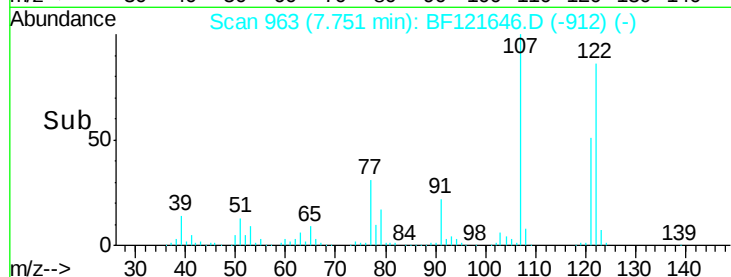
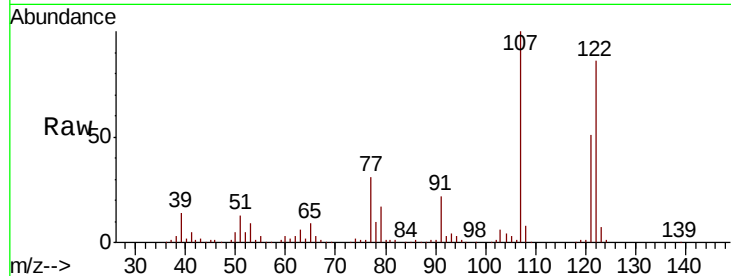
ClientSampled :

PB131763BS

Tot Ion:	122	Resp:	354132
Ion Ratio	Lower	Upper	
122	100		
107	116.5	91.4	137.0
121	59.3	46.2	69.2

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#28

bis(2-Chloroethoxy)methane

Concen: 34.806 ng

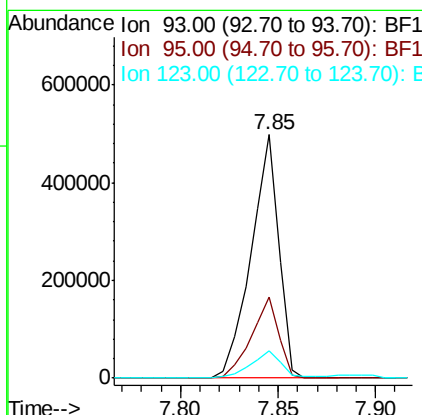
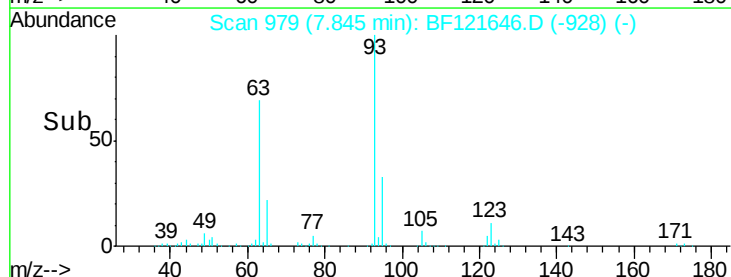
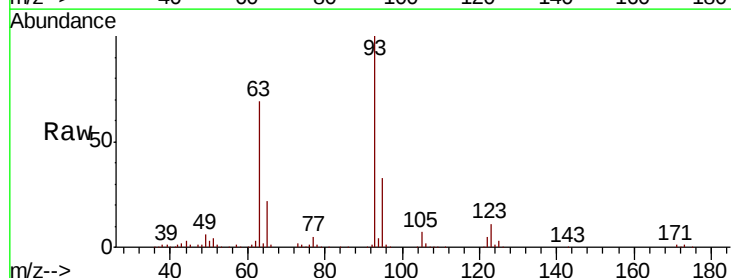
RT: 7.85 min Scan# 979

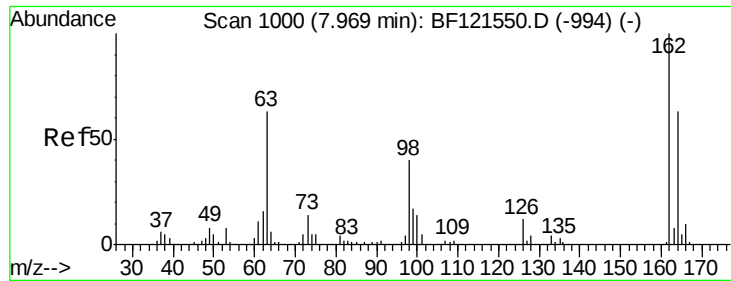
Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Tgt Ion:	93	Resp:	491008
Ion Ratio	Lower	Upper	
93	100		
95	33.5	26.3	39.5
123	11.4	9.3	13.9





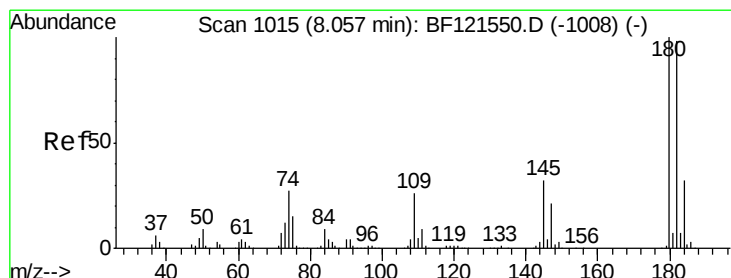
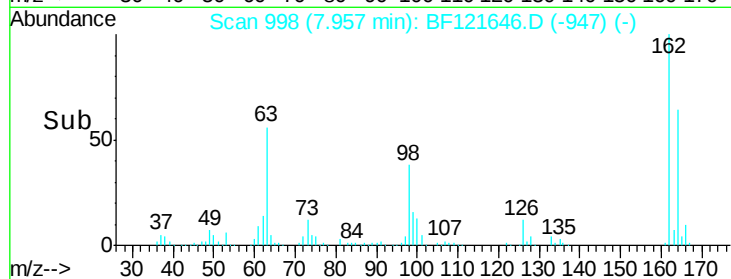
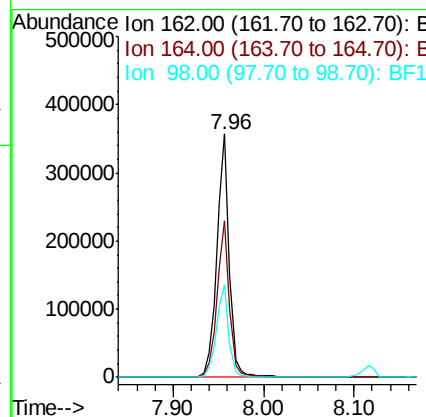
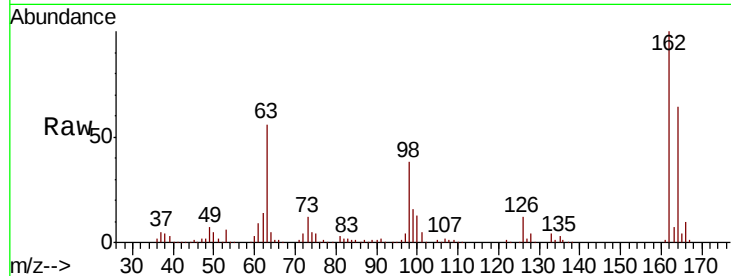
#29
 2,4-Dichlorophenol
 Concen: 37.037 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB131763BS

Tot Ion:	162	Resp:	343128
Ion Ratio	Lower	Upper	
162	100		
164	64.5	44.1	84.1
98	37.8	16.7	56.7

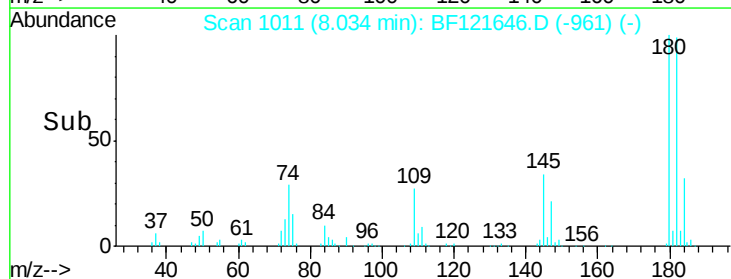
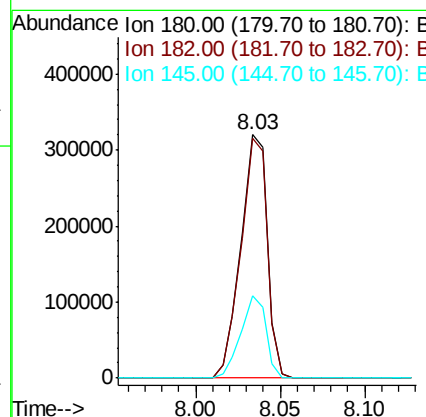
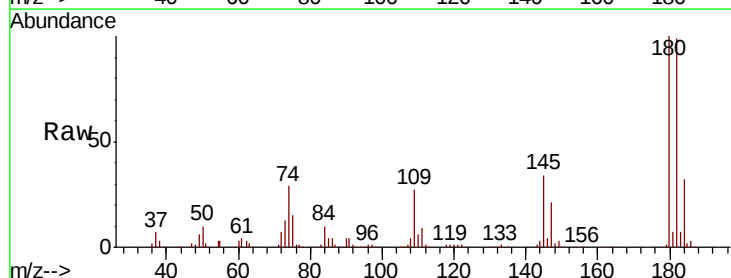
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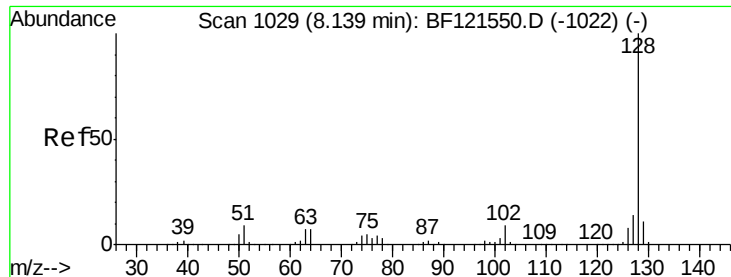
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.917 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Tgt Ion:	180	Resp:	350450
Ion Ratio	Lower	Upper	
180	100		
182	98.7	78.6	117.8
145	33.7	26.2	39.2





#31

Naphthalene

Concen: 35.459 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Instrument :

BNA_F

ClientSampleId :

PB131763BS

Tot Ion:128 Resp: 1137659

Ion Ratio Lower Upper

128 100

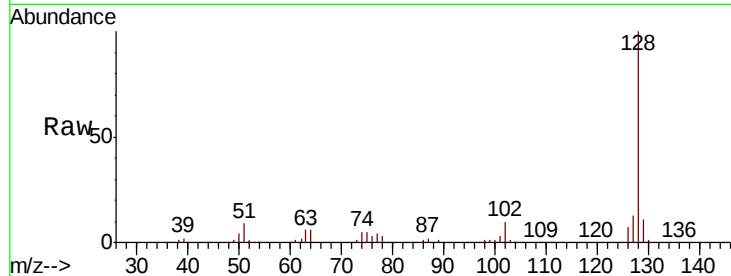
129 11.3 9.0 13.4

127 13.4 10.8 16.2

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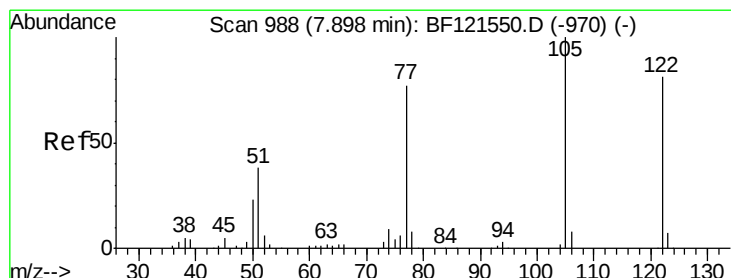
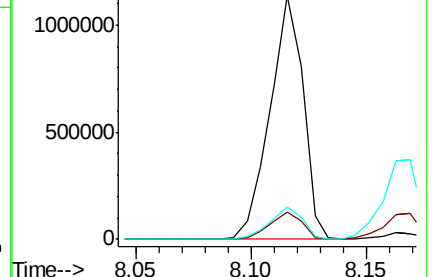
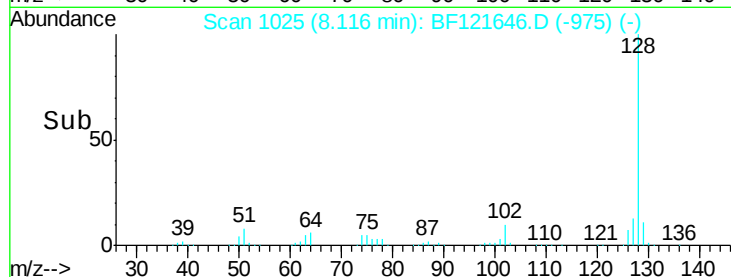
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.448 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.01 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

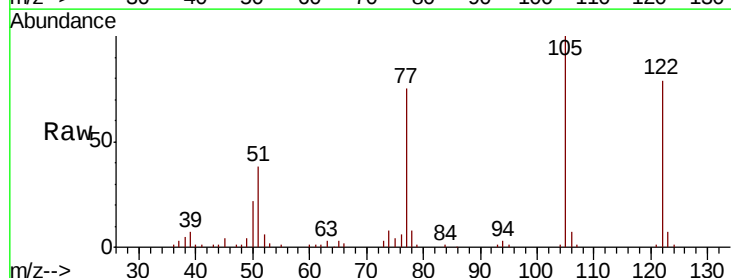
Tgt Ion:122 Resp: 235192

Ion Ratio Lower Upper

122 100

105 127.1 101.9 141.9

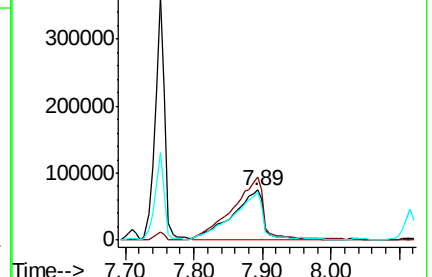
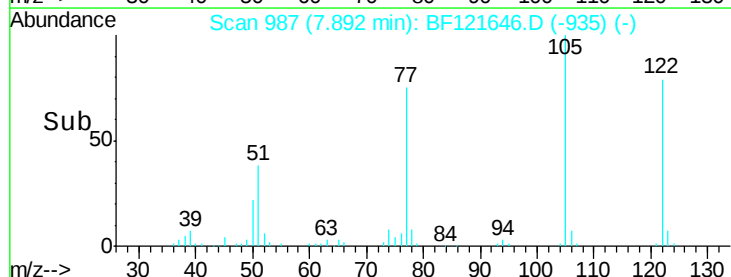
77 95.9 69.0 109.0

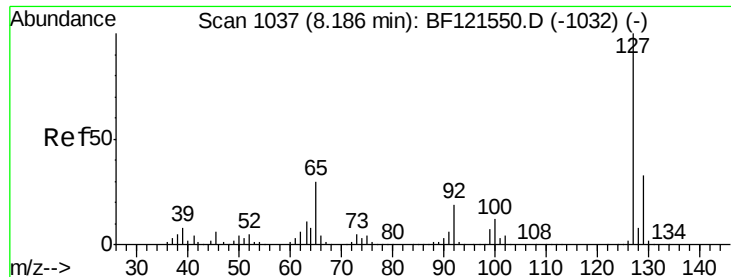


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





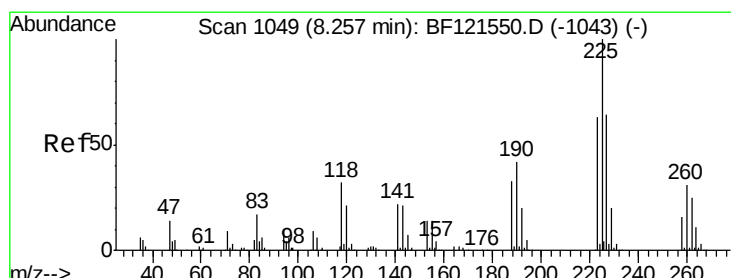
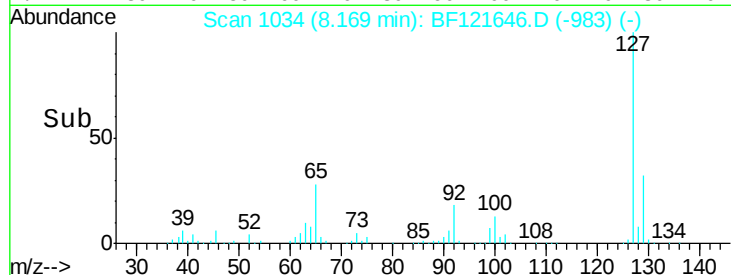
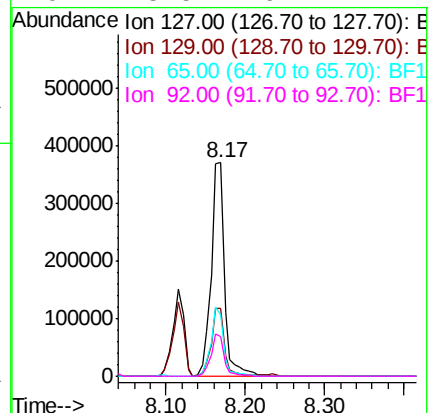
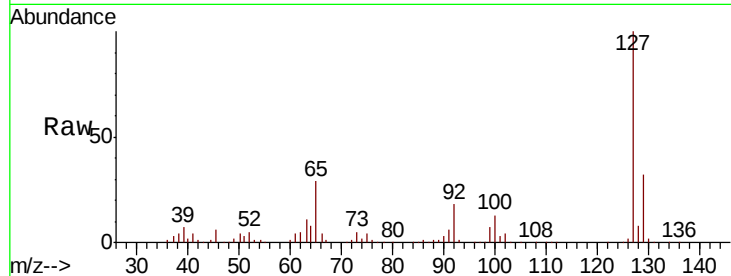
#33
4-Chloroaniline
Concen: 31.177 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Instrument :
BNA_F
ClientSampleId :
PB131763BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		433606		
129	32.0	25.8	38.8		
65	28.5	26.3	39.5		
92	18.5	16.2	24.4		

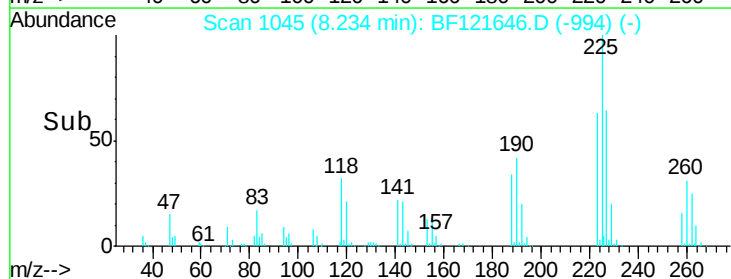
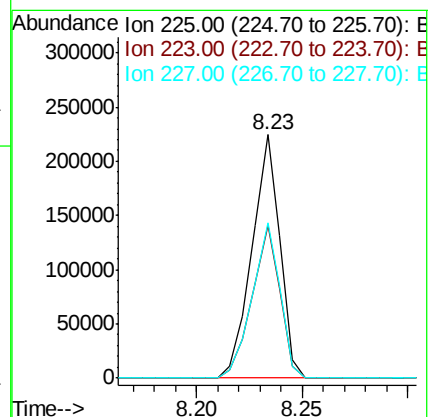
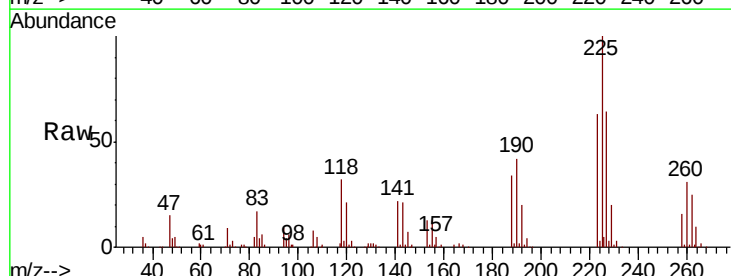
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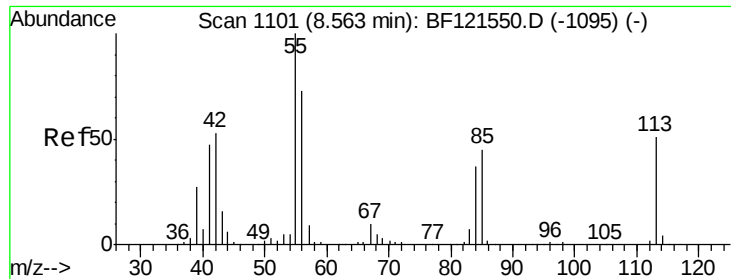
mohammad
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#34
Hexachlorobutadiene
Concen: 36.077 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		206617		
223	62.8	51.4	77.2		
227	64.0	51.7	77.5		





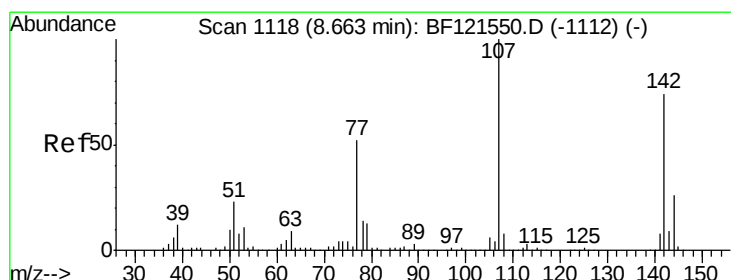
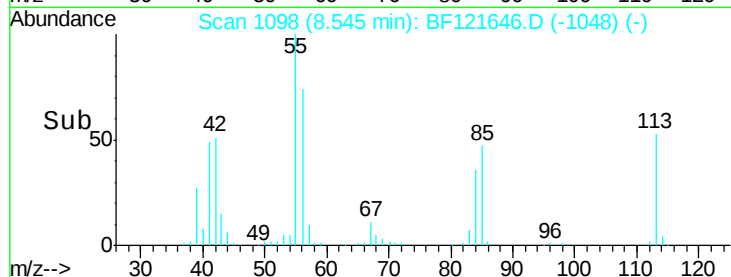
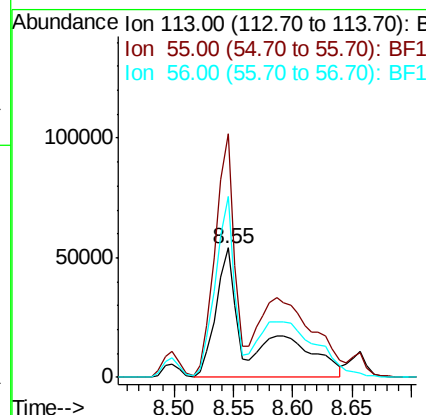
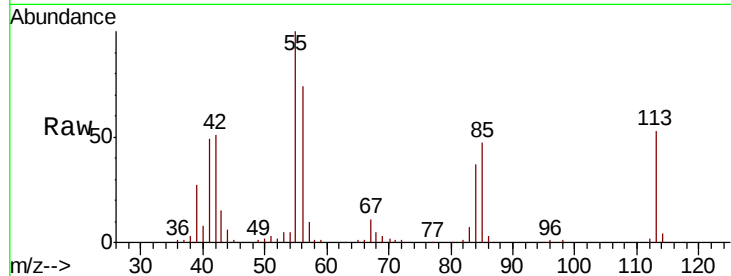
#35
Caprolactam
Concen: 38.302 ng/ml
RT: 8.55 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Instrument :
BNA_F
ClientSampleID :
PB131763BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	187.9	166.3	206.3		
56	139.9	118.7	158.7		

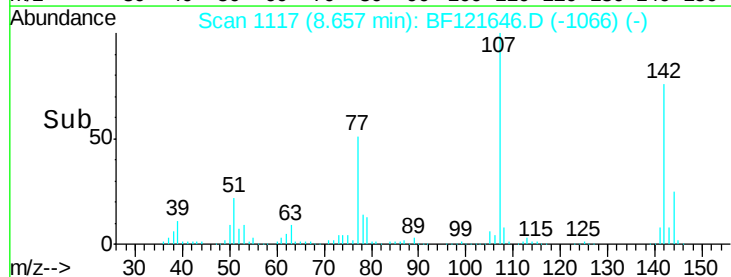
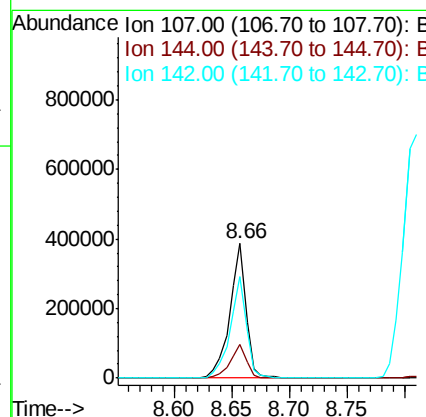
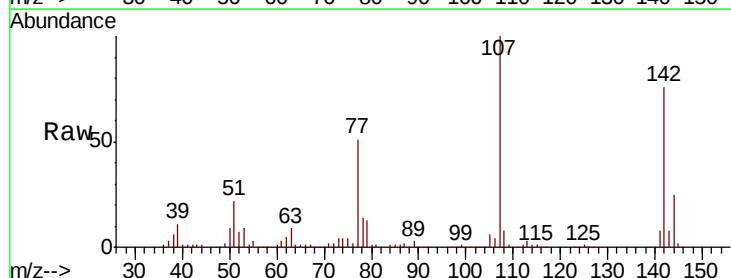
Manual Integrations
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#36
4-Chloro-3-methylphenol
Concen: 38.077 ng/ml
RT: 8.66 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.2	20.6	31.0		
142	75.7	61.7	92.5		





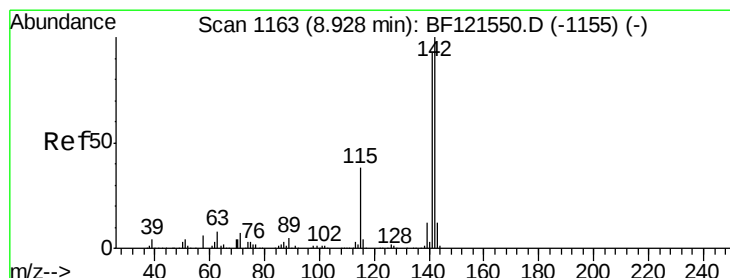
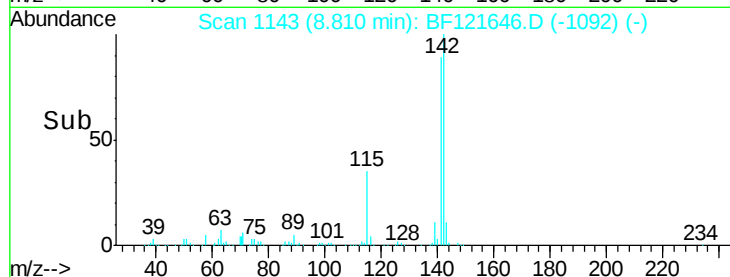
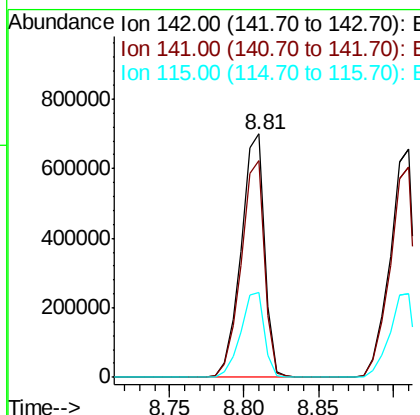
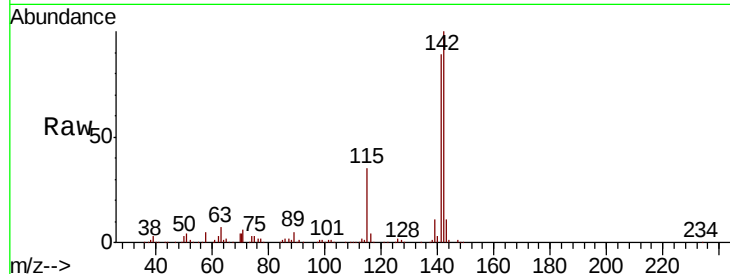
#37
2-Methylnaphthalene
Concen: 36.335 ng
RT: 8.81 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Instrument :
BNA_F
ClientSampleId :
PB131763BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.2	108.2
115	34.9	28.5	42.7

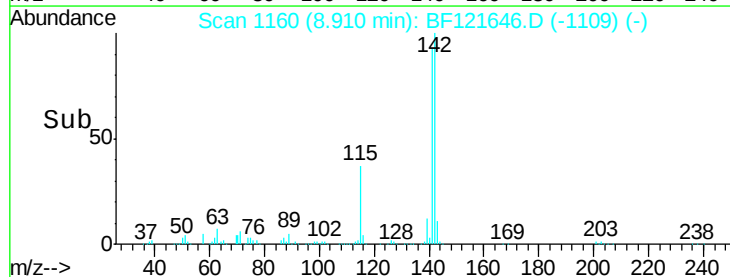
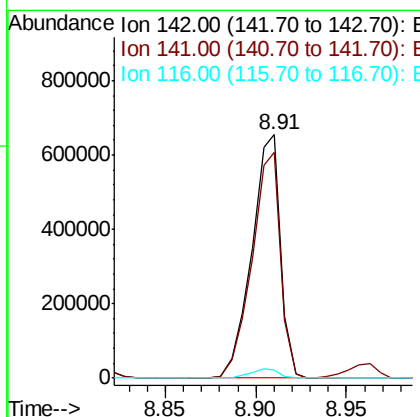
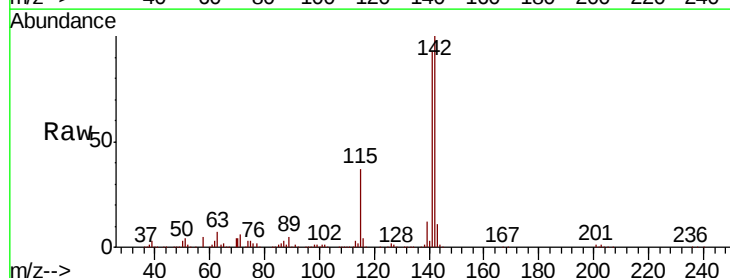
Manual Integrations
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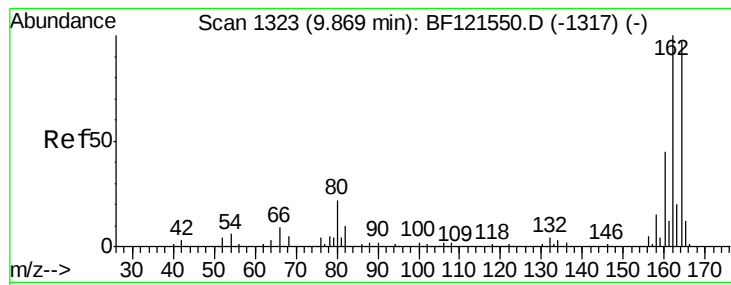
mohammad
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#38
1-Methylnaphthalene
Concen: 36.750 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.8	110.8
116	3.5	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Instrument :

BNA_F

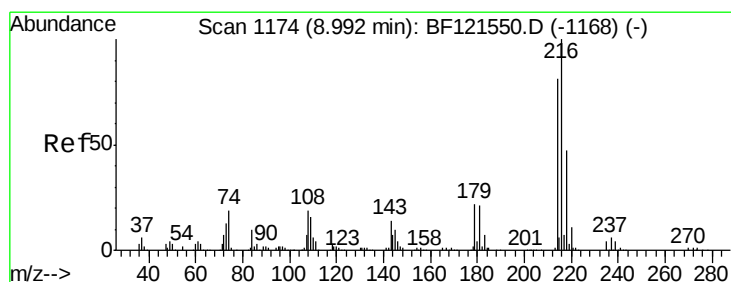
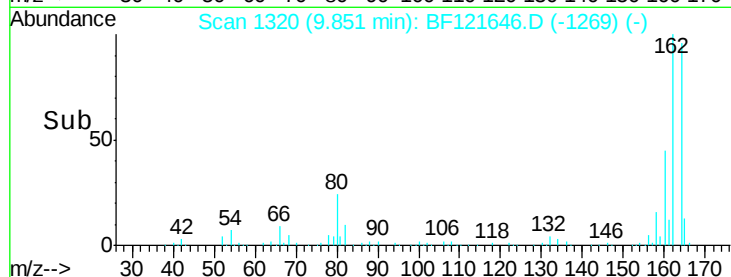
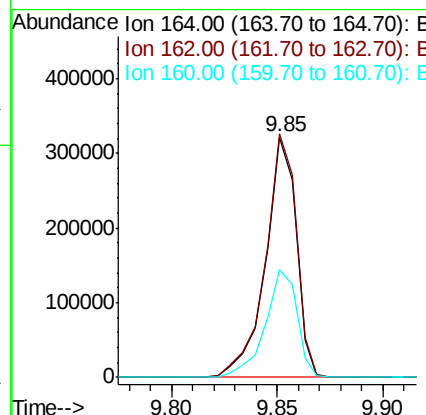
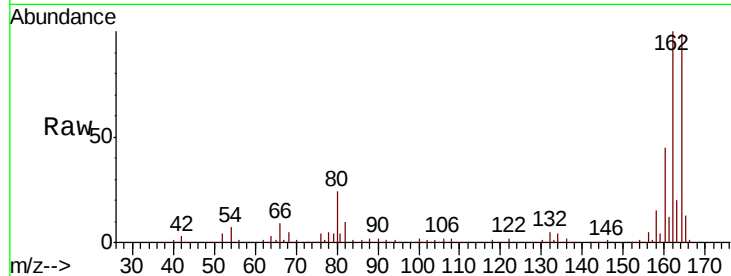
ClientSampleId :

PB131763BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.4	81.2	121.8	
160	45.2	36.2	54.4	

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.026 ng

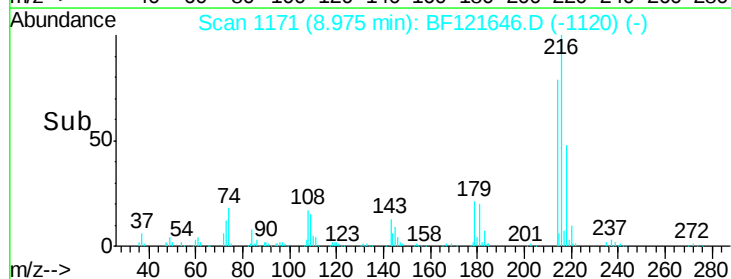
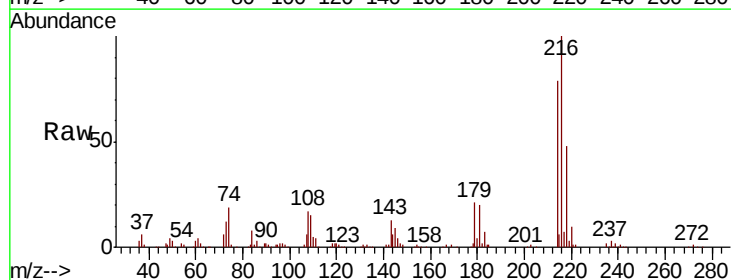
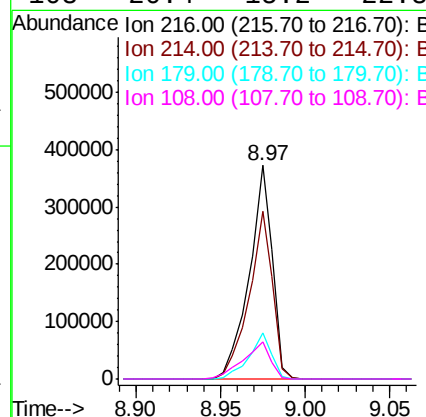
RT: 8.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.1	63.0	94.4	
179	20.8	16.6	24.8	
108	20.4	15.2	22.8	





#41

Hexachlorocyclopentadiene

Concen: 63.489 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Instrument :

BNA_F

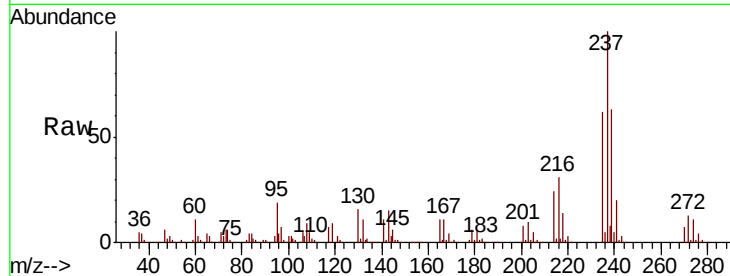
ClientSampleId :

PB131763BS

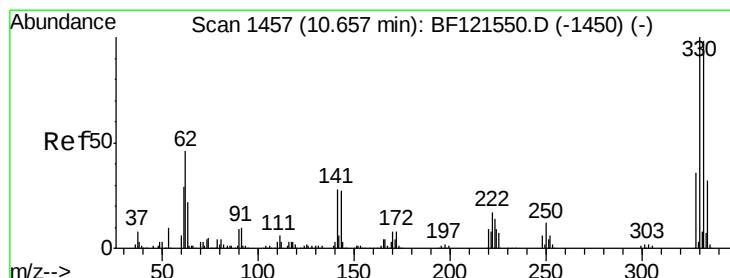
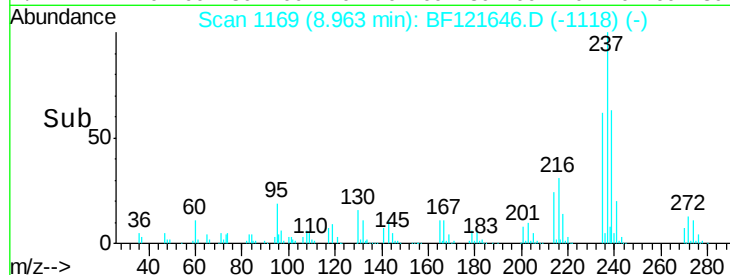
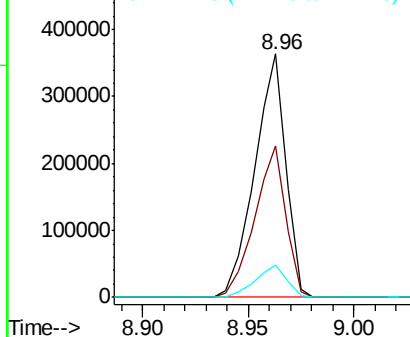
Tot Ion:	237	Resp:	370687
Ion Ratio	Lower	Upper	
237	100		
235	62.0	43.4	83.4
272	13.2	0.0	34.1

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



#42

2,4,6-Tribromophenol

Concen: 98.631 ng

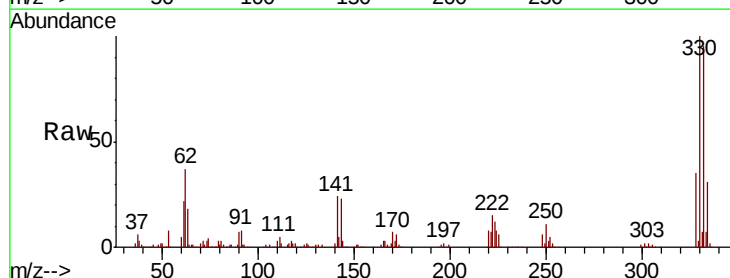
RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

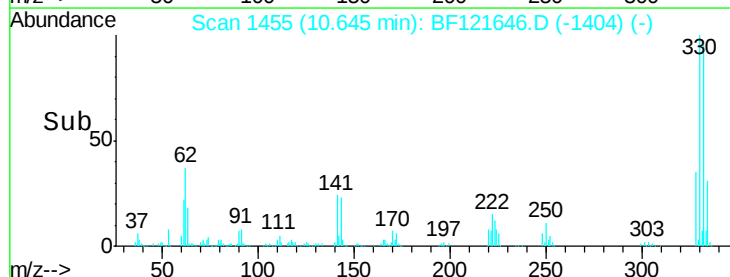
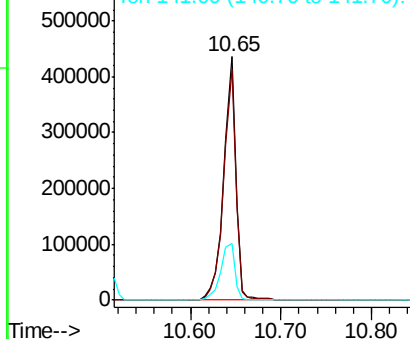
Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Tgt Ion:	330	Resp:	401230
Ion Ratio	Lower	Upper	
330	100		
332	96.0	76.9	115.3
141	27.6	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





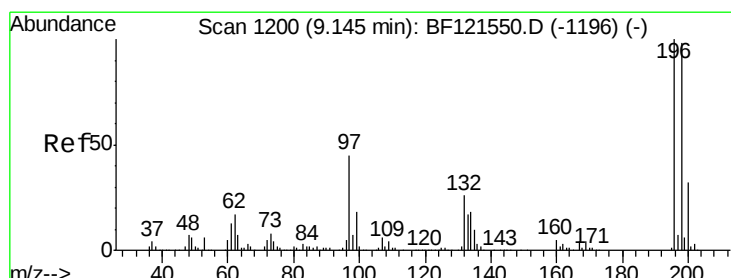
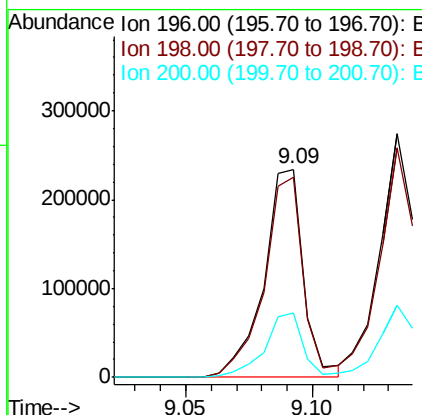
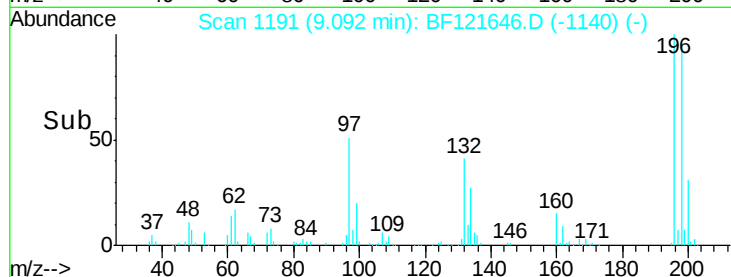
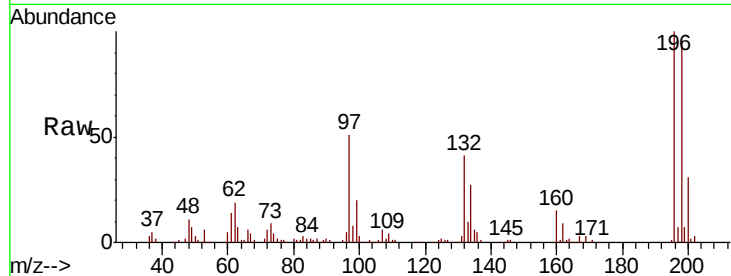
#43
 2,4,6-Trichlorophenol
 Concen: 36.868 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB131763BS

Tot Ion:	196	Resp:	256925
Ion Ratio	Lower	Upper	
196	100		
198	96.4	75.4	113.2
200	30.8	24.5	36.7

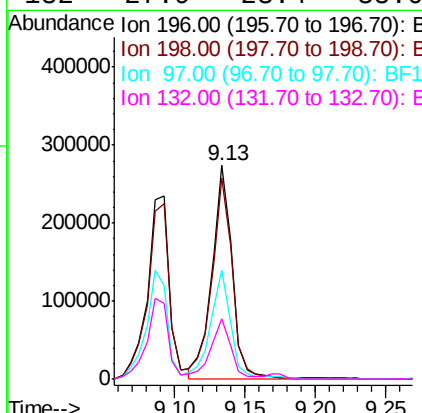
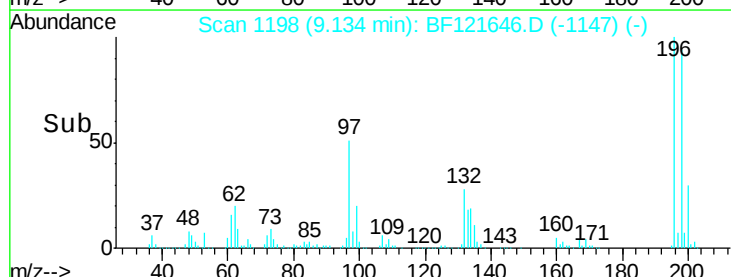
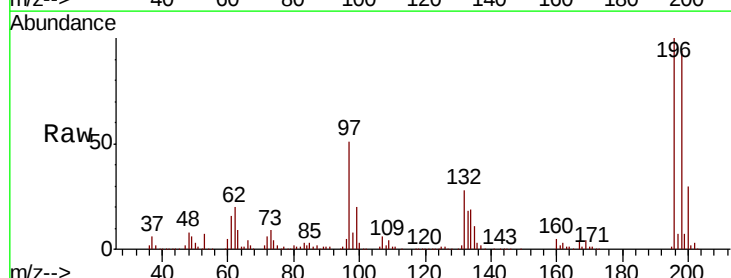
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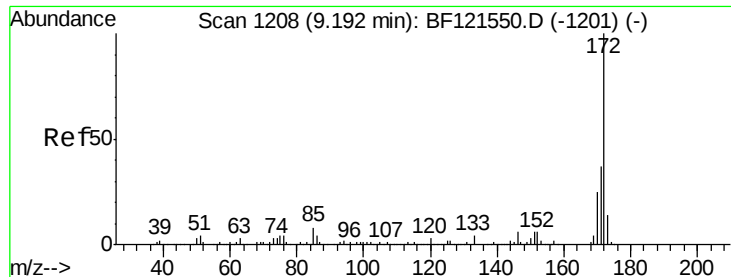
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#44
 2,4,5-Trichlorophenol
 Concen: 36.892 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Tgt Ion:	196	Resp:	271787
Ion Ratio	Lower	Upper	
196	100		
198	94.2	74.3	111.5
97	51.0	44.2	66.2
132	27.9	23.4	35.0





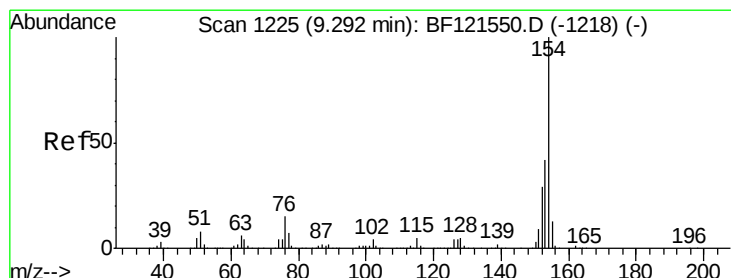
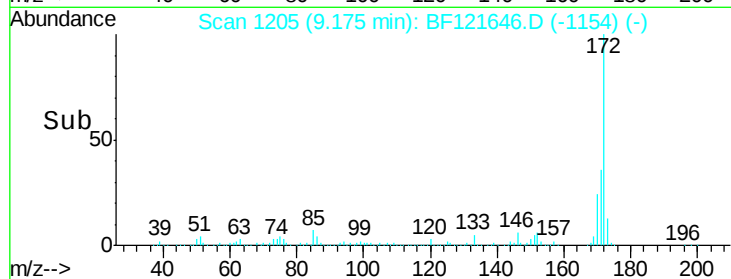
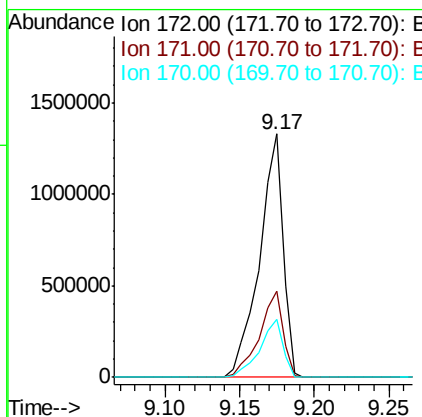
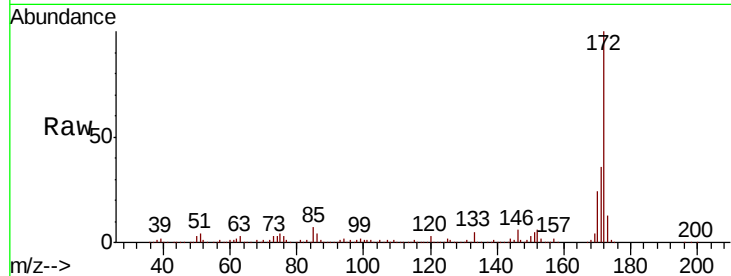
#45
2-Fluorobiphenyl
Concen: 66.924 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Instrument :
BNA_F
ClientSampleId :
PB131763BS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	35.6	29.3	43.9	
170	24.1	19.5	29.3	

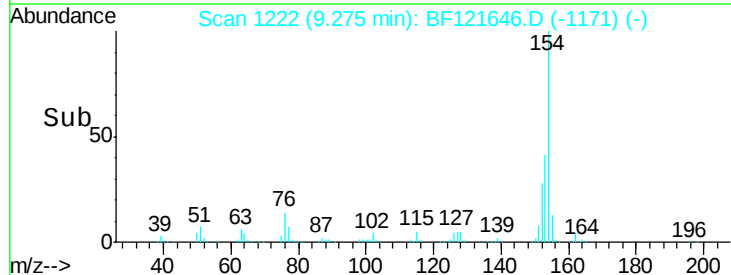
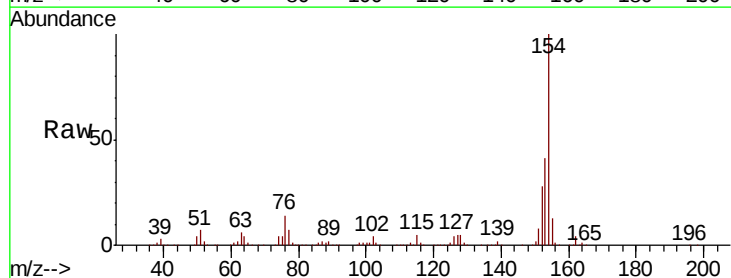
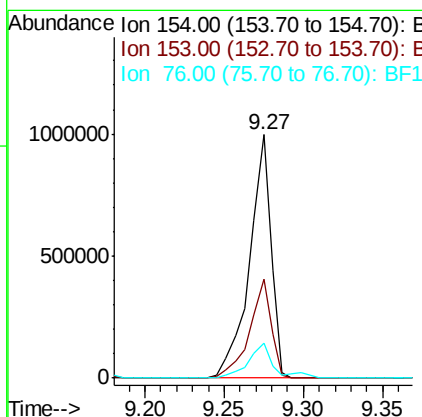
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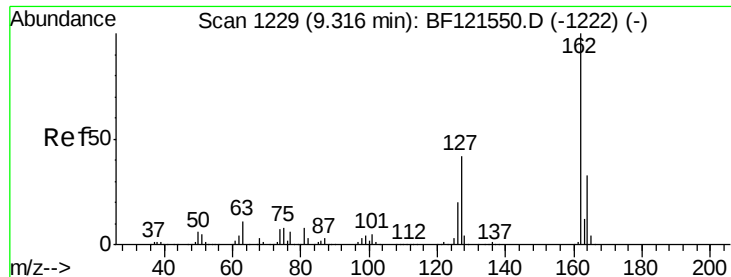
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#46
1,1'-Biphenyl
Concen: 35.899 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	40.9	21.1	61.1	
76	14.1	0.0	34.1	





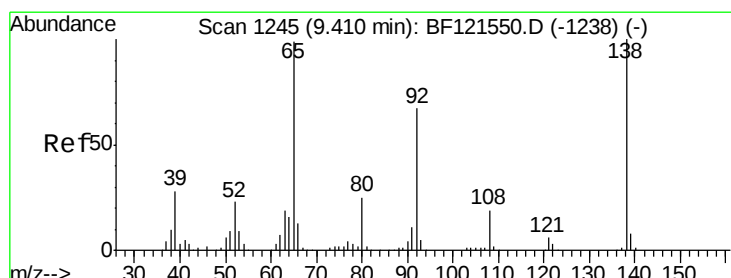
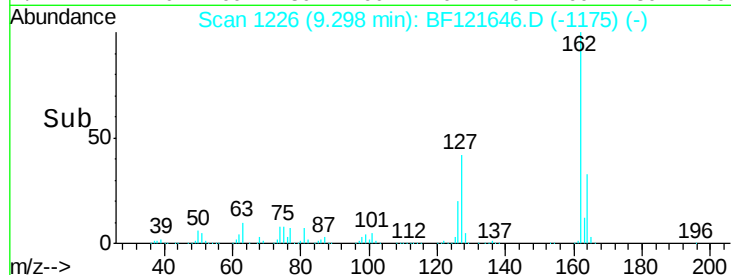
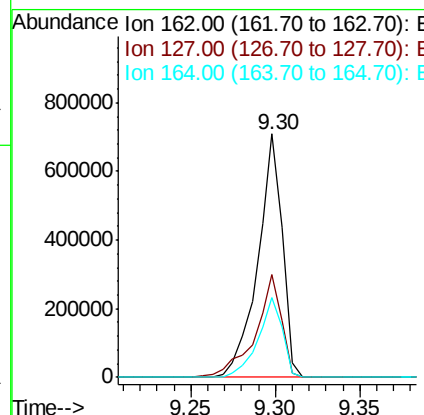
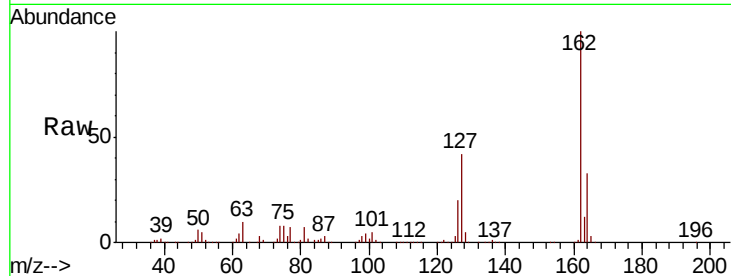
#47
 2-Chloronaphthalene
 Concen: 34.717 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB131763BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	716860		
127	42.3		34.2	51.4
164	32.9		27.0	40.4

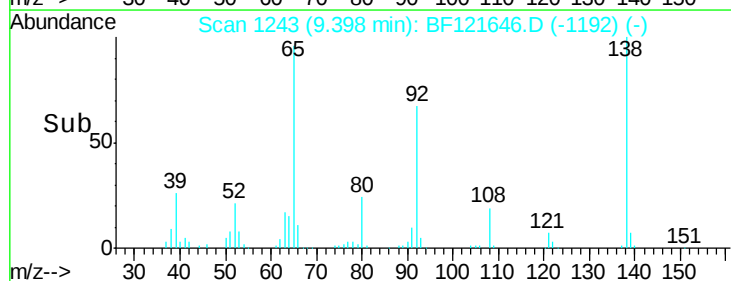
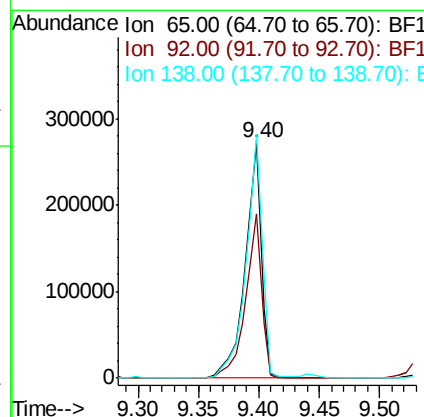
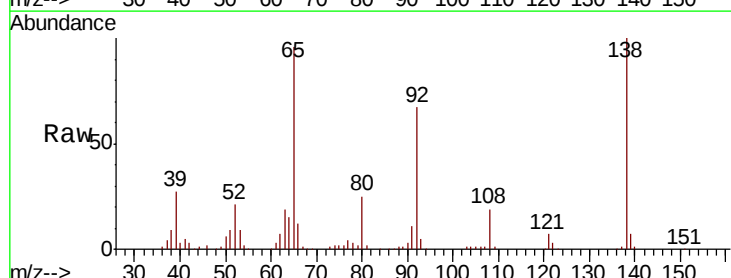
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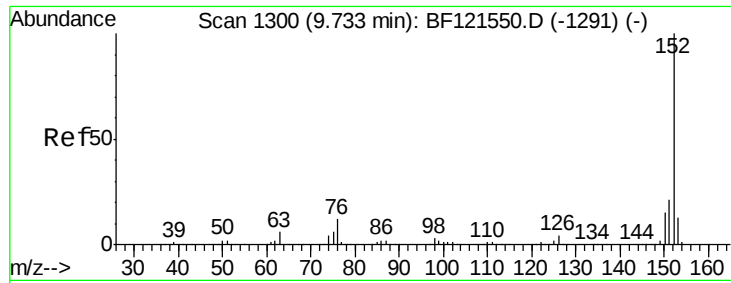
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#48
 2-Nitroaniline
 Concen: 40.079 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	257173		
92	69.9		56.0	84.0
138	103.7		84.7	127.1





#49

Acenaphthylene

Concen: 36.365 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Instrument :

BNA_F

ClientSampleId :

PB131763BS

Tot Ion:152 Resp: 1153719

Ion Ratio Lower Upper

152 100

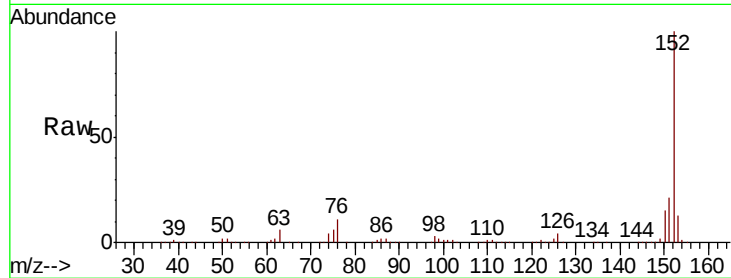
151 20.5 16.3 24.5

153 13.3 10.7 16.1

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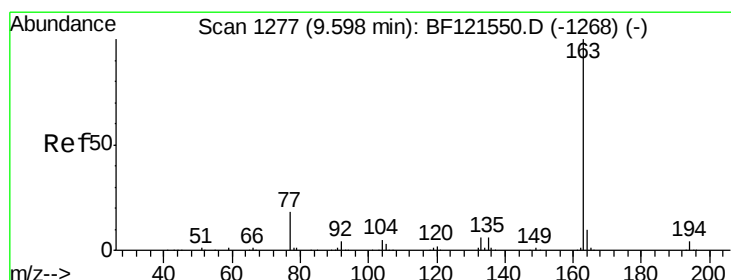
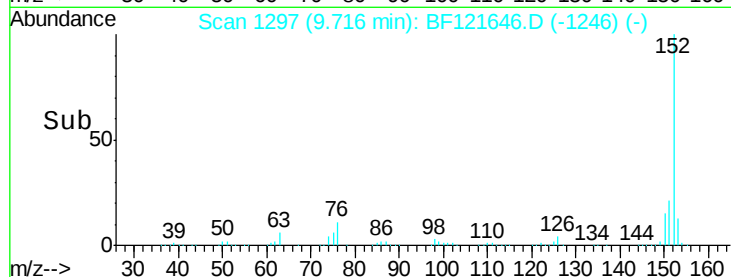
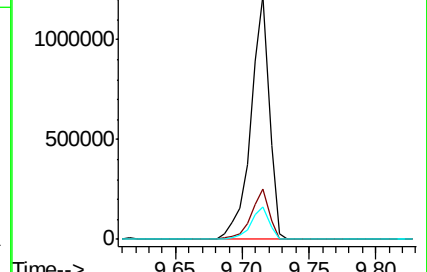
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.098 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

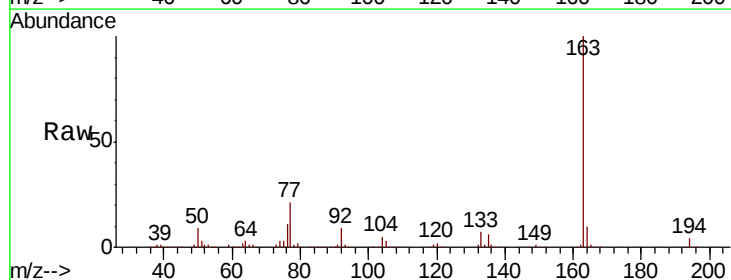
Tgt Ion:163 Resp: 880059

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

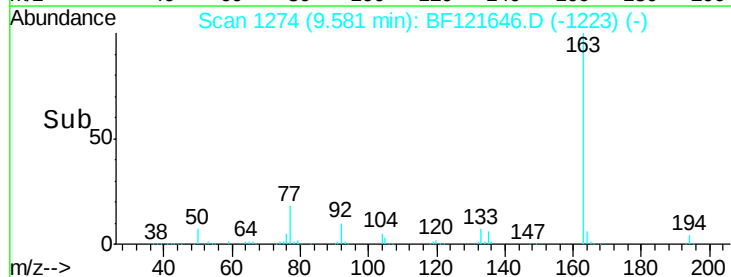
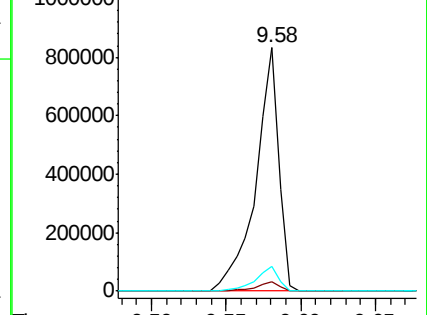
164 9.9 8.0 12.0

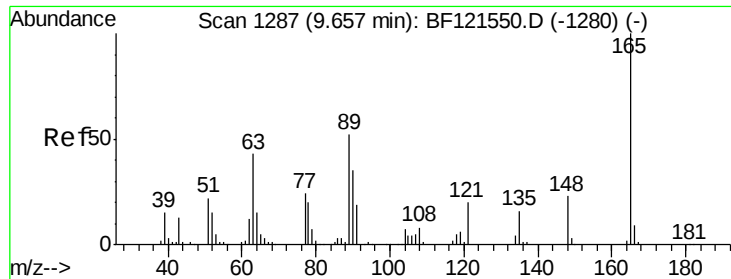


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





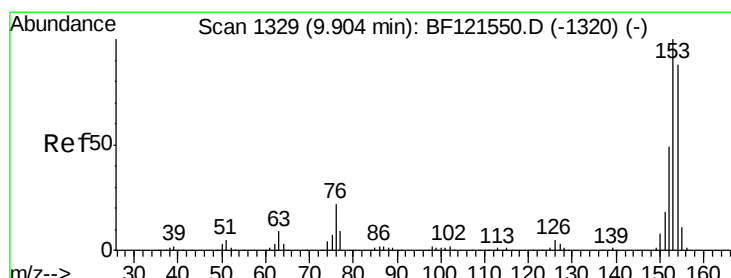
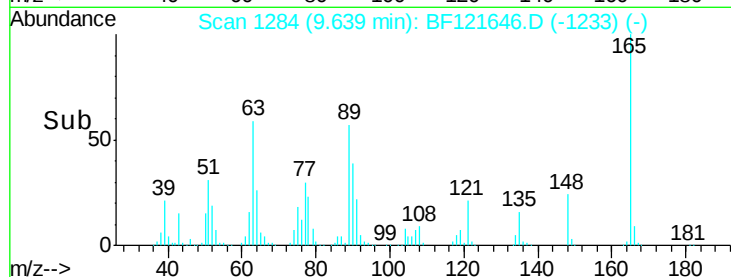
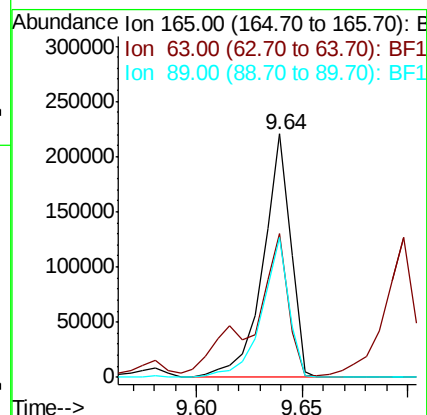
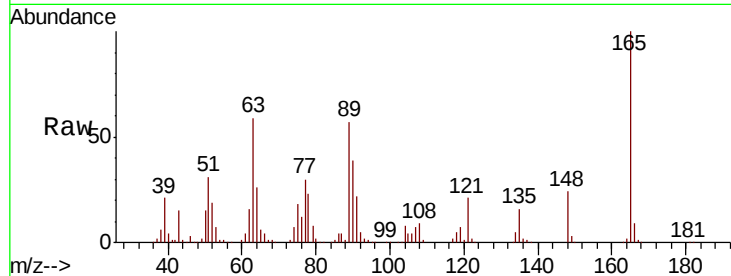
#51
 2,6-Dinitrotoluene
 Concen: 39.808 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Instrument :
 BNA_F
 ClientSampled :
 PB131763BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	201113		
63	59.1	47.6	71.4	
89	57.4	46.0	69.0	

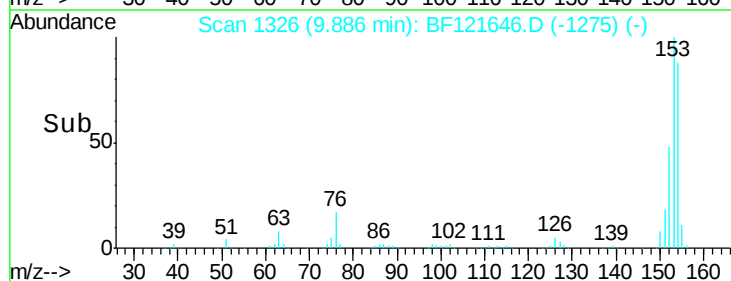
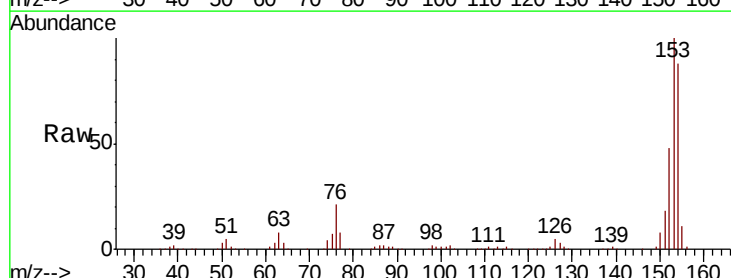
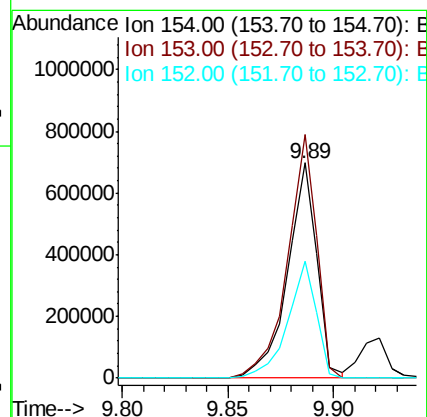
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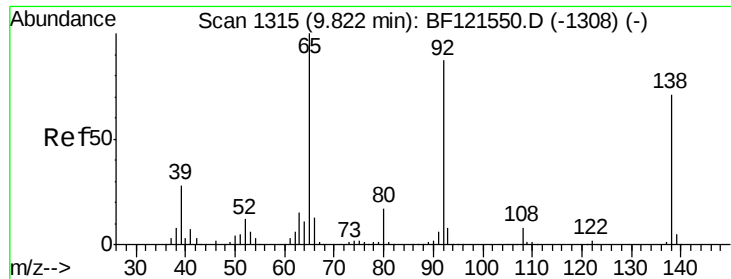
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#52
 Acenaphthene
 Concen: 33.746 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	676218		
153	113.0	89.9	134.9	
152	54.2	43.8	65.6	





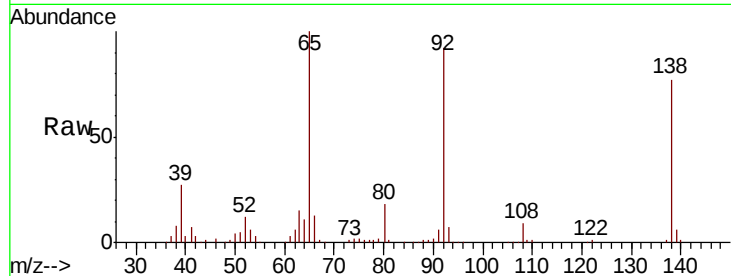
#53
3-Nitroaniline
Concen: 30.350 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Instrument :
BNA_F
ClientSampleId :
PB131763BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.1	13.7
92	118.5	96.5	144.7

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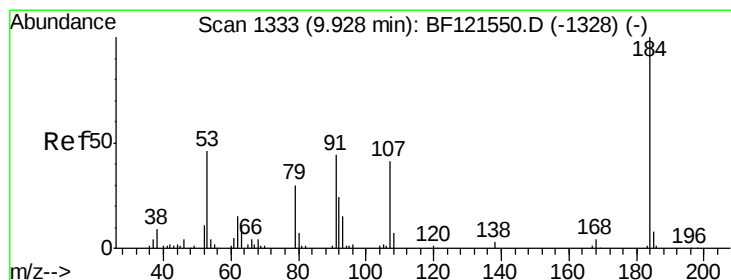
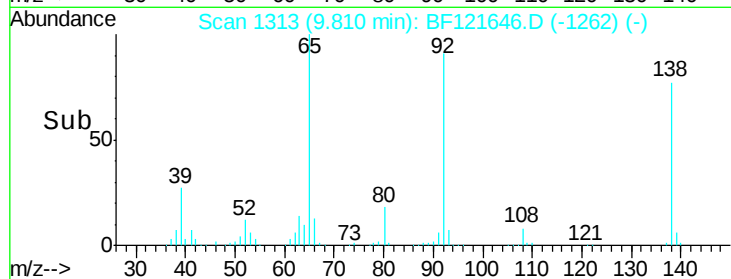
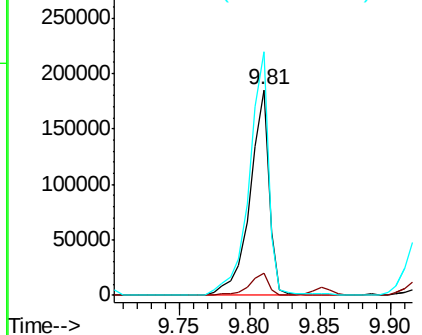


Abundance

Ion 138.00 (137.70 to 138.70): E

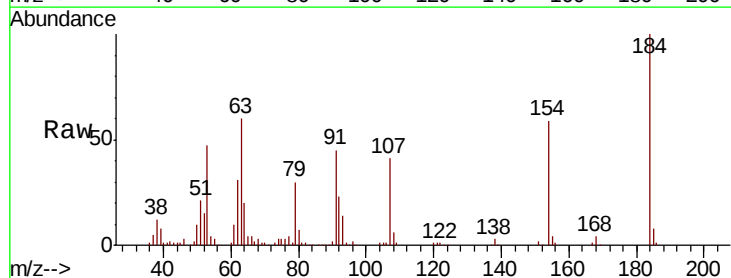
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 77.682 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.7	51.5	77.3
154	58.7	46.6	70.0

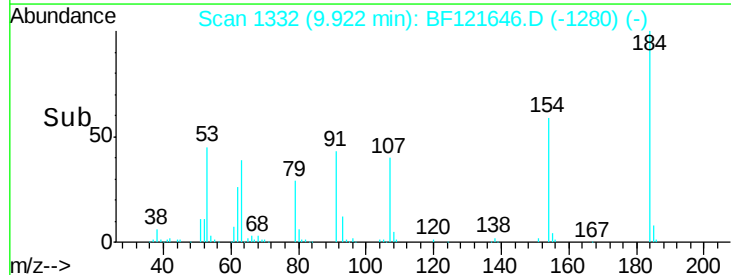
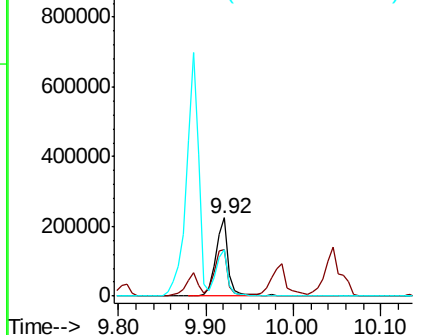


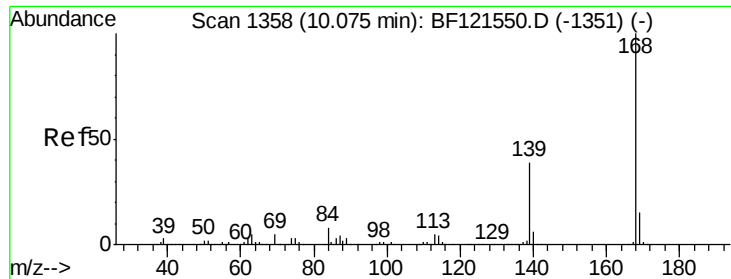
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





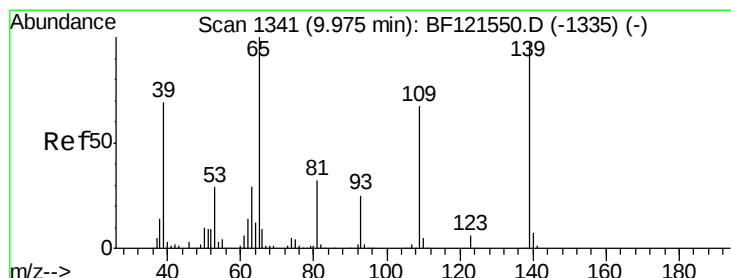
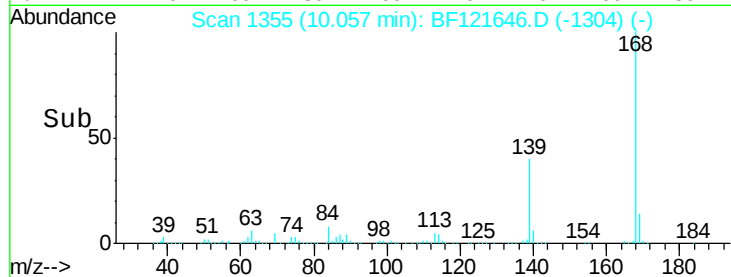
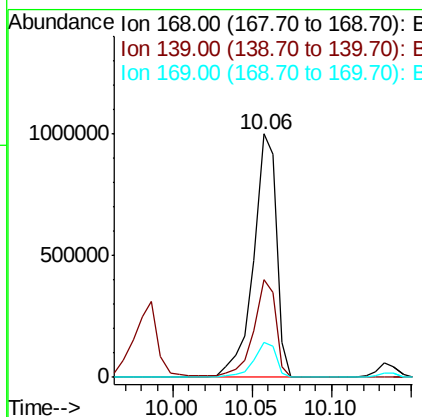
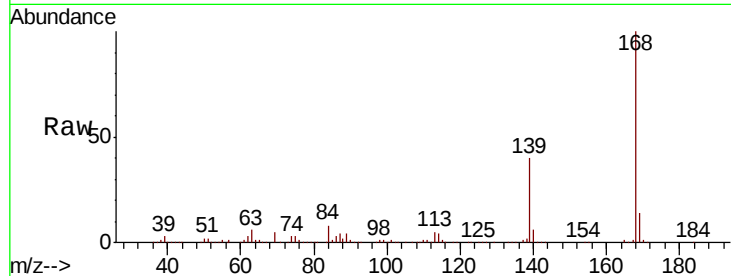
#55
Dibenzenofuran
Concen: 35.763 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Instrument :
BNA_F
ClientSampleId :
PB131763BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	31.8	47.8
169	14.5	11.6	17.4

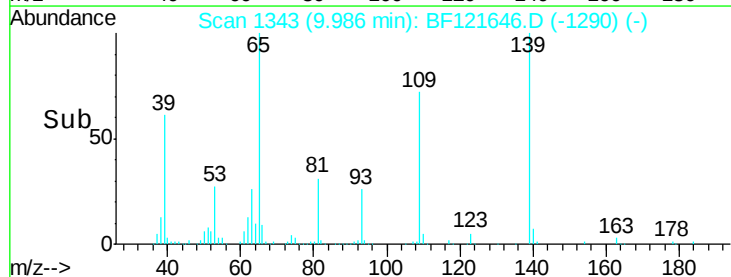
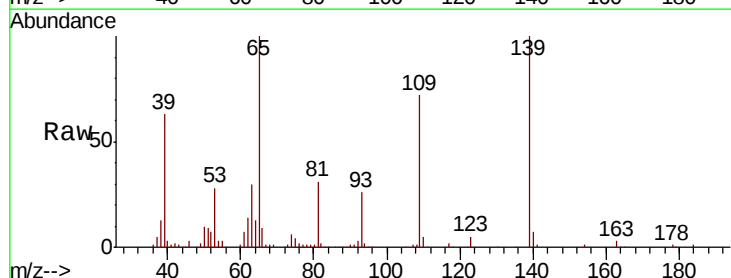
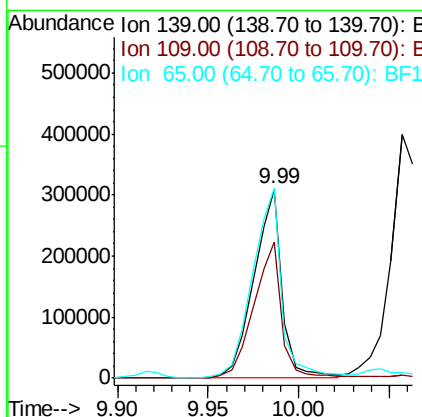
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#56
4-Nitrophenol
Concen: 71.453 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.1	48.1	88.1
65	100.4	74.7	114.7





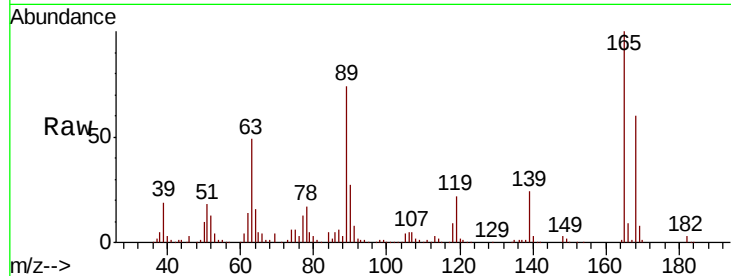
#57
2,4-Dinitrotoluene
Concen: 41.983 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Instrument :
BNA_F
ClientSampleId :
PB131763BS

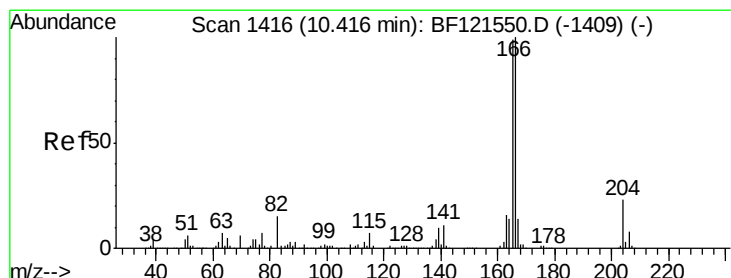
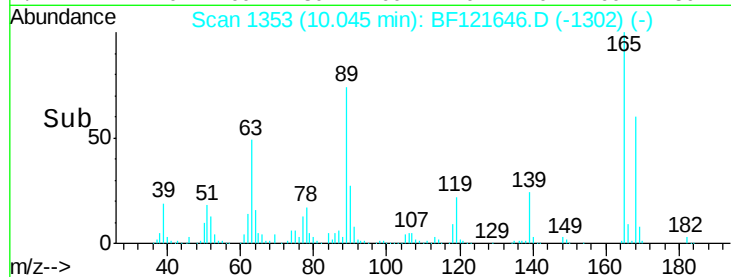
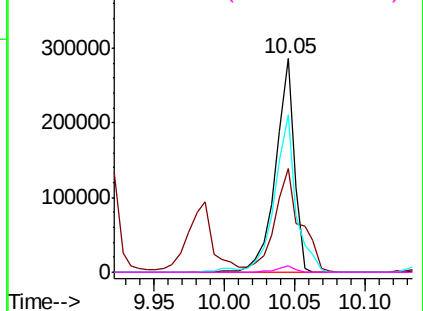
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		266841		
63	48.8	36.7	55.1		
89	73.7	57.7	86.5		
182	2.8	2.1	3.1		

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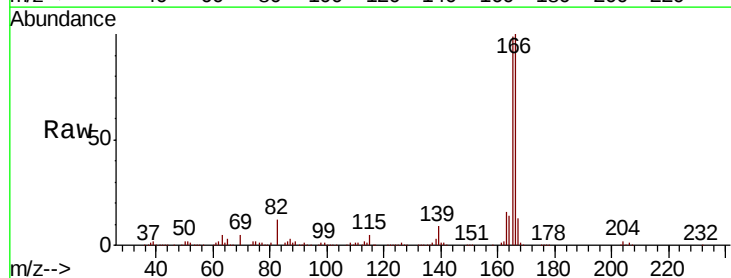


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

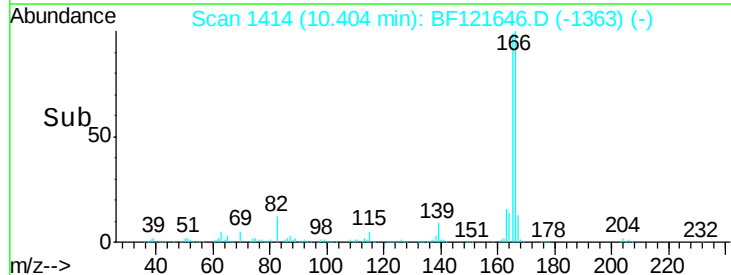
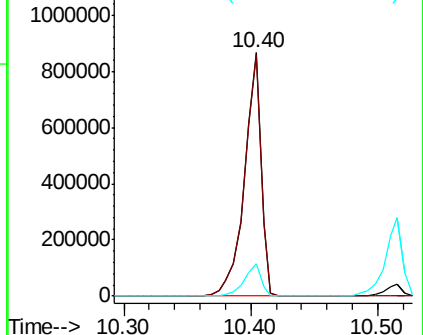


#58
Fluorene
Concen: 36.279 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		782911		
165	99.0	80.1	120.1		
167	13.1	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





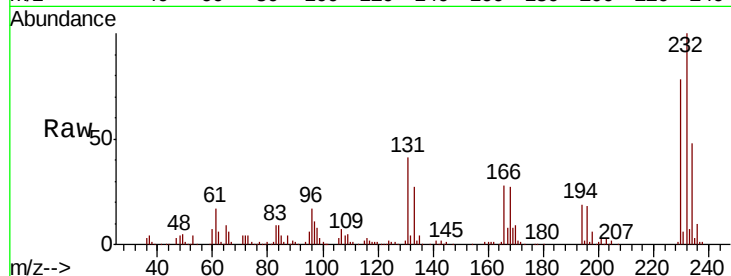
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.899 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB131763BS

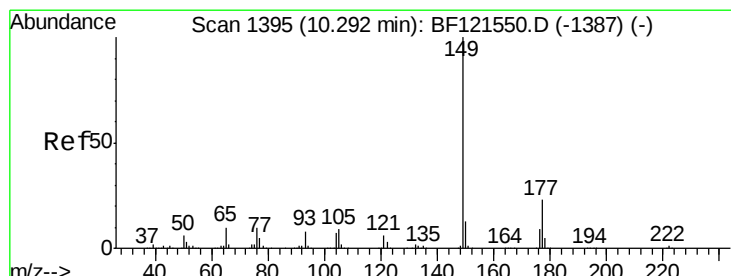
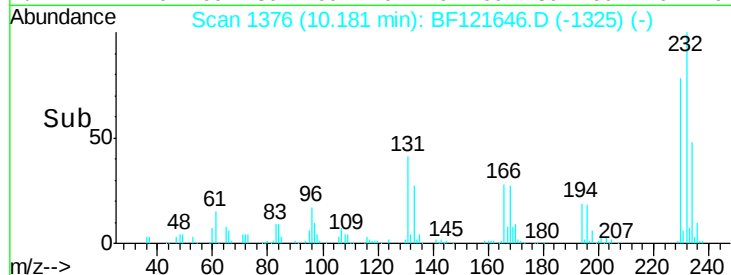
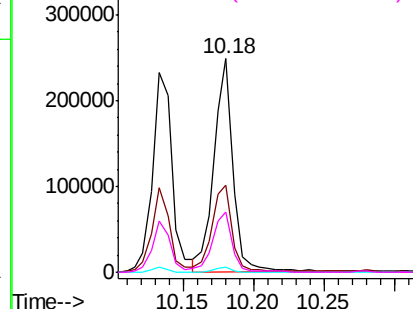
Tot Ion	Ratio	Resp	Lower	Upper
232	100	232980		
131	44.0		35.1	52.7
130	2.2		1.6	2.4
166	29.5		23.3	34.9

Manual Integrations
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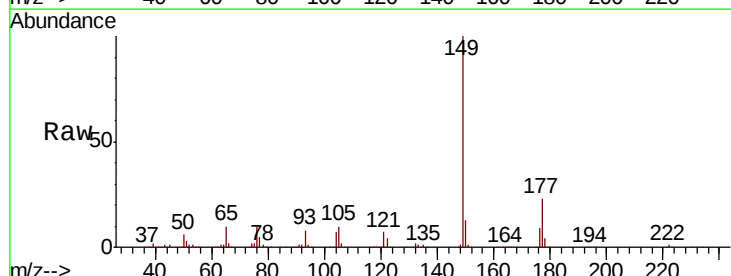


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

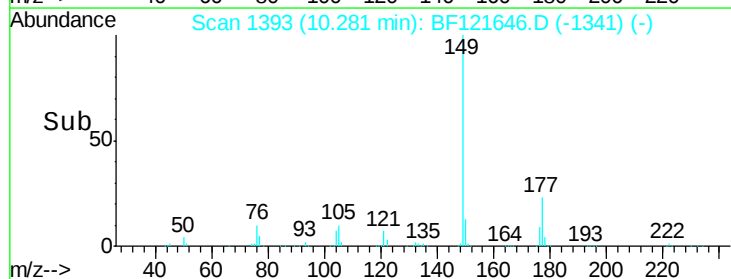
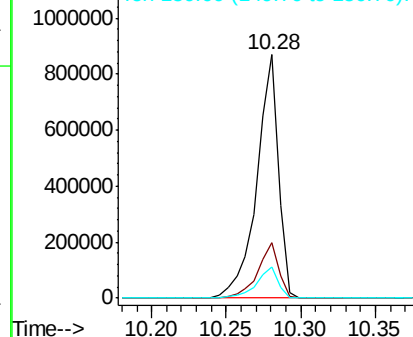


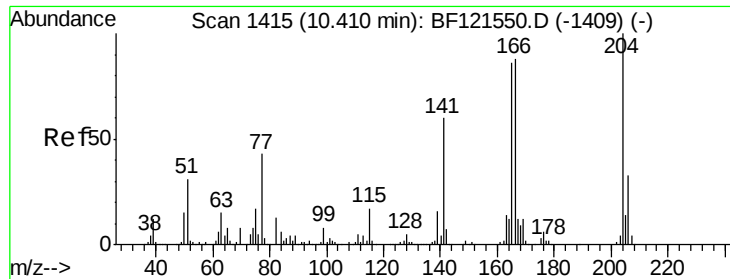
#60
 Diethylphthalate
 Concen: 37.411 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	865291		
177	22.9		18.1	27.1
150	13.0		9.8	14.8



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





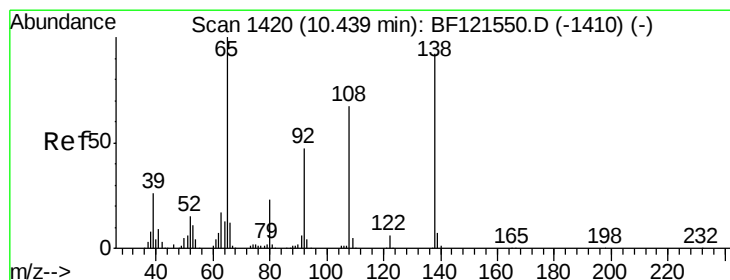
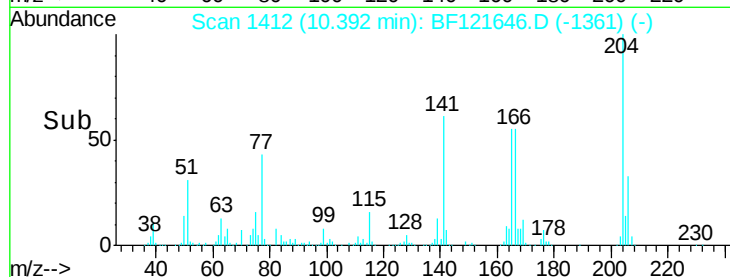
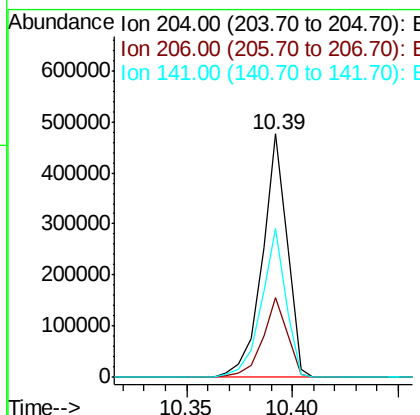
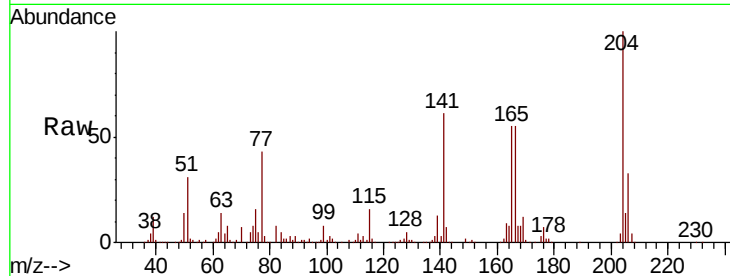
#61
 4-Chlorophenyl-phenylether
 Concen: 37.726 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB131763BS

Tot Ion:	204	Resp:	389999
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.7	40.1
141	60.9	50.4	75.6

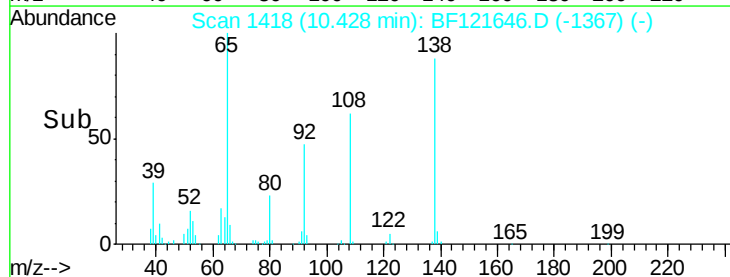
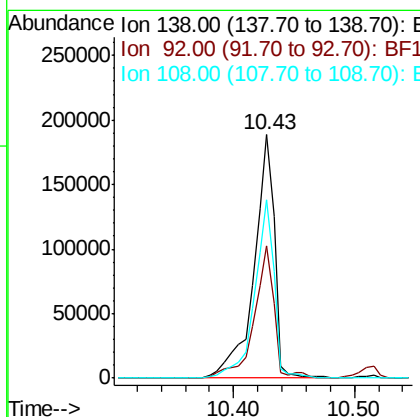
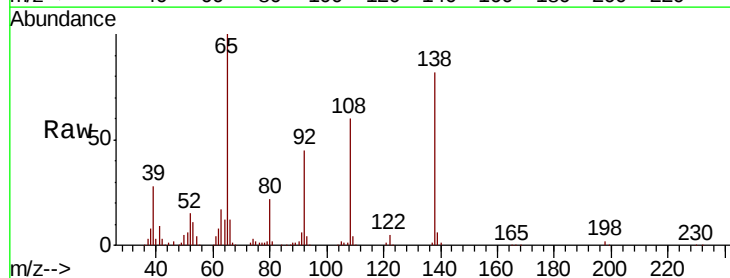
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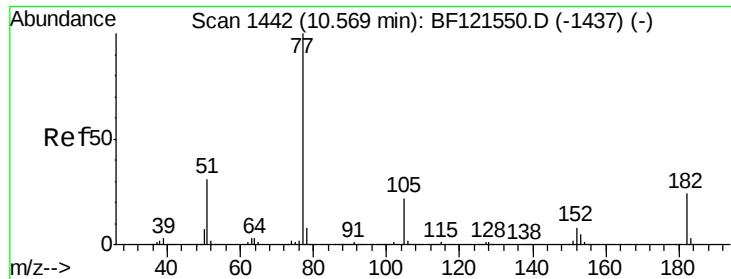
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#62
 4-Nitroaniline
 Concen: 38.566 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Tgt Ion:	138	Resp:	224108
Ion Ratio	Lower	Upper	
138	100		
92	54.1	34.8	74.8
108	73.1	55.5	95.5





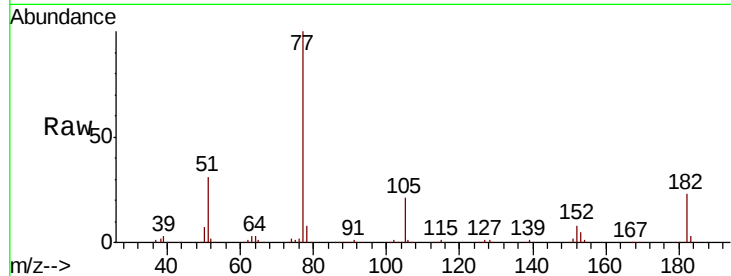
#63
Azobenzene
Concen: 35.841 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Instrument :
BNA_F
ClientSampleId :
PB131763BS

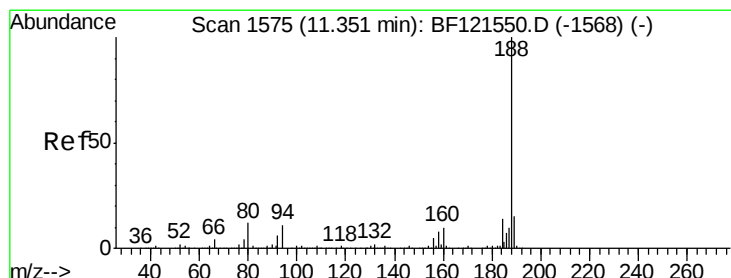
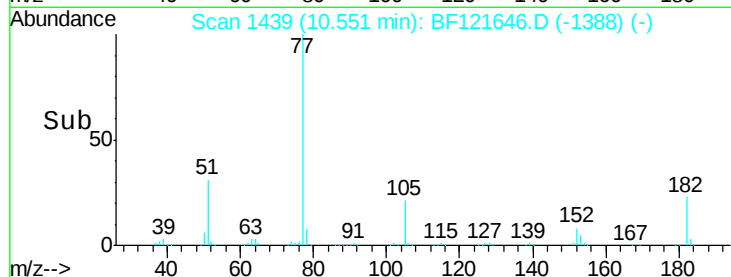
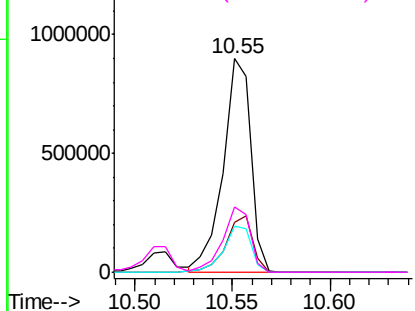
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	23.3	6.8	46.8		
105	21.4	2.2	42.2		
51	30.7	10.7	50.7		

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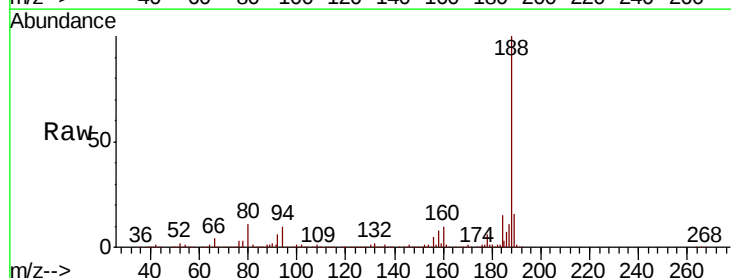


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

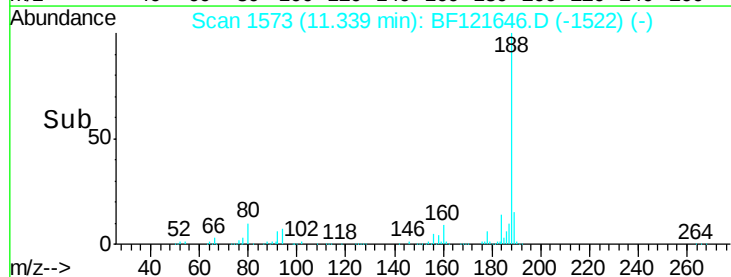
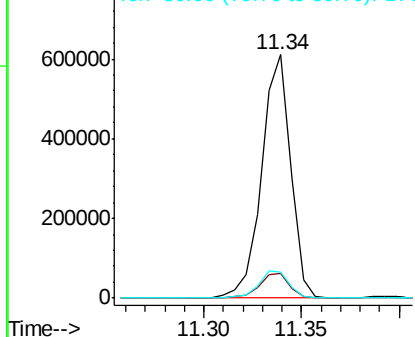


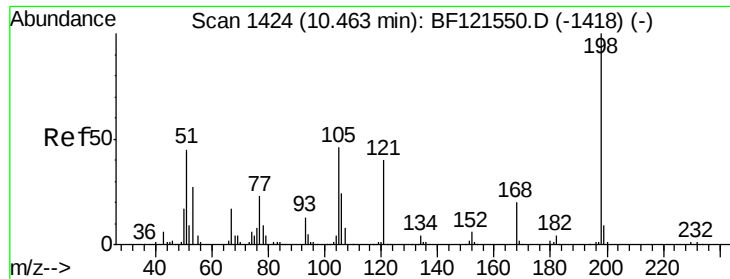
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.4	8.4	12.6		
80	10.8	9.0	13.4		



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





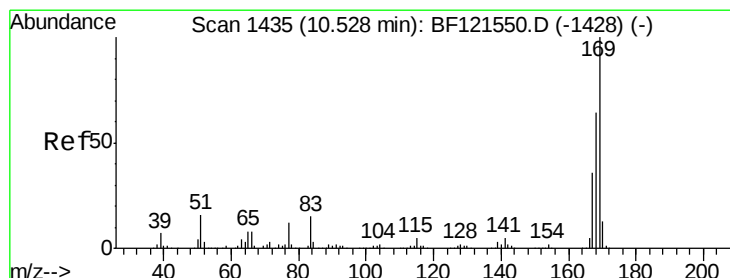
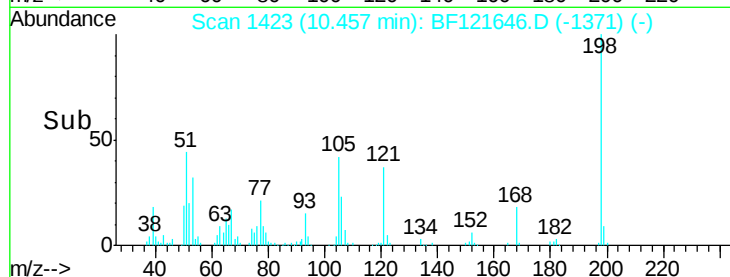
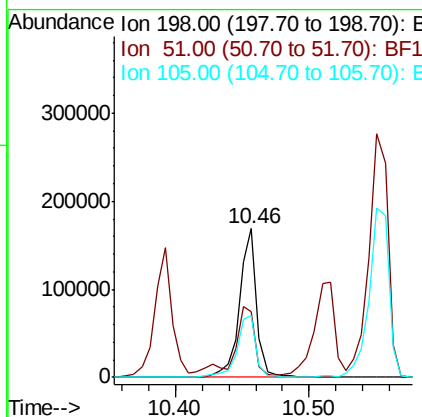
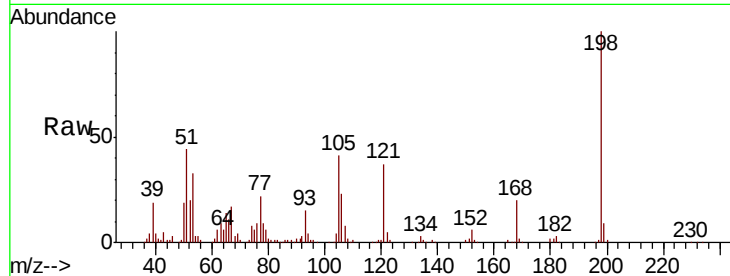
#65
4,6-Dinitro-2-methylphenol
Concen: 40.556 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Instrument :
BNA_F
ClientSampleId :
PB131763BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	151599		
51	44.0	20.3	60.3	
105	41.5	20.2	60.2	

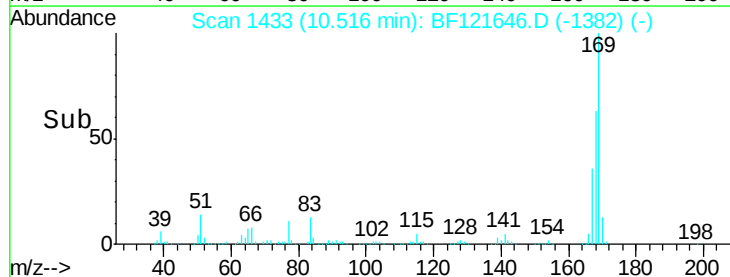
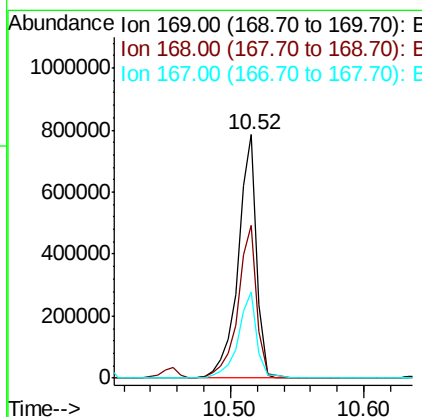
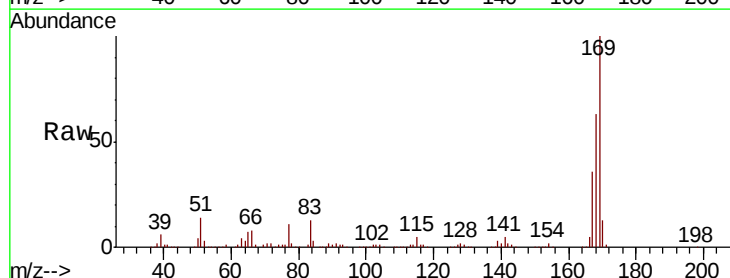
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#66
n-Nitrosodiphenylamine
Concen: 35.153 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	757812		
168	63.0	51.8	77.8	
167	35.6	28.4	42.6	





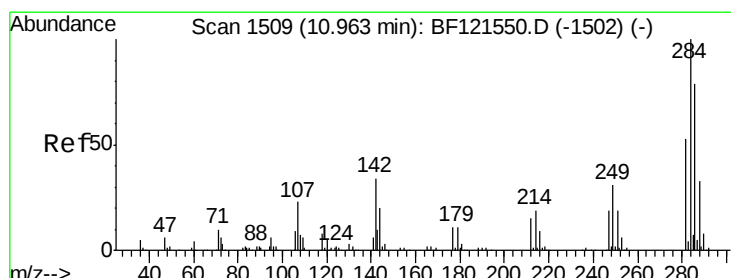
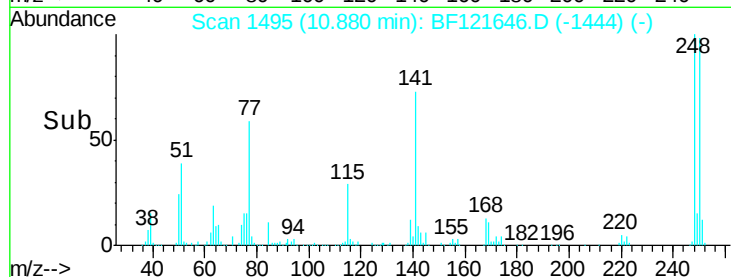
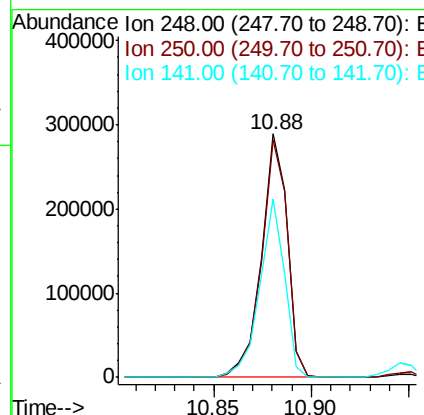
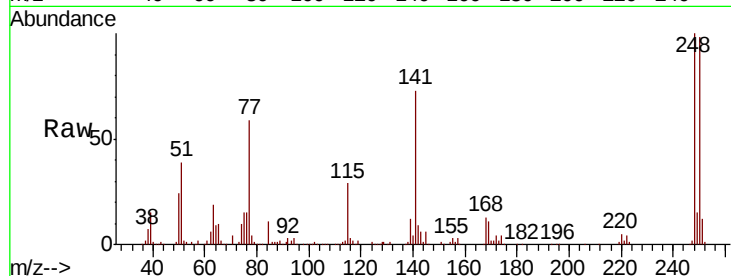
#67
4-Bromophenyl-phenylether
Concen: 37.126 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Instrument :
BNA_F
ClientSampleId :
PB131763BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	79.4	119.0
141	73.0	52.2	78.4

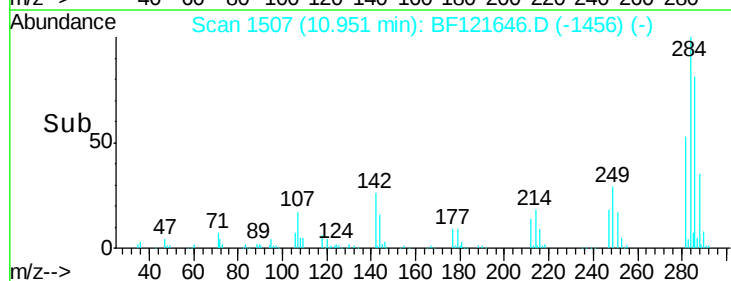
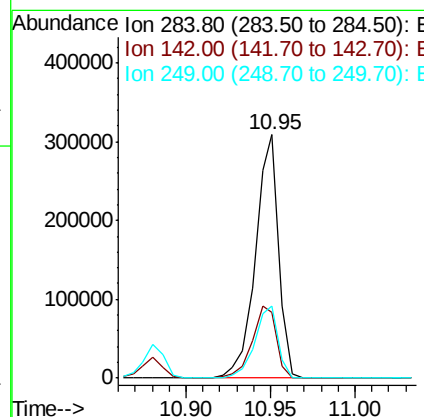
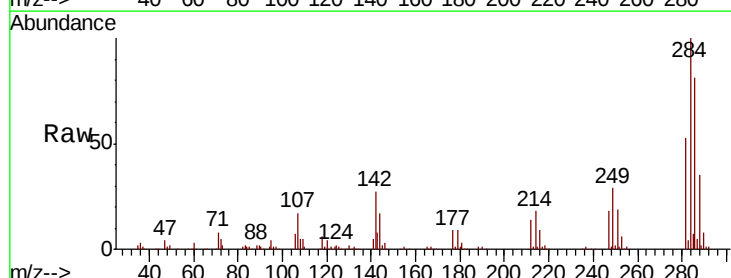
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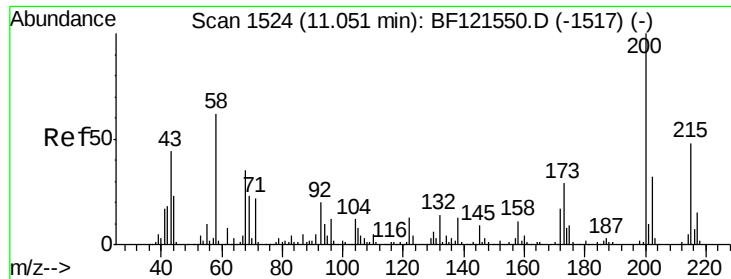
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#68
Hexachlorobenzene
Concen: 36.671 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.0	24.0	36.0
249	29.4	23.9	35.9





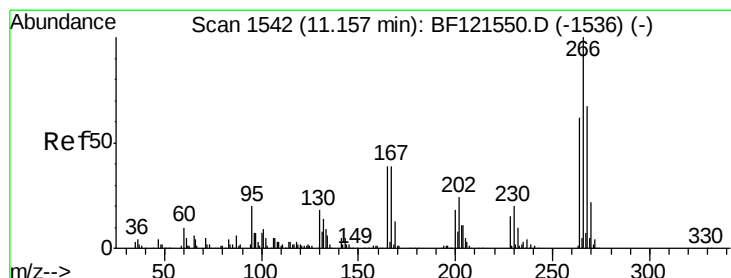
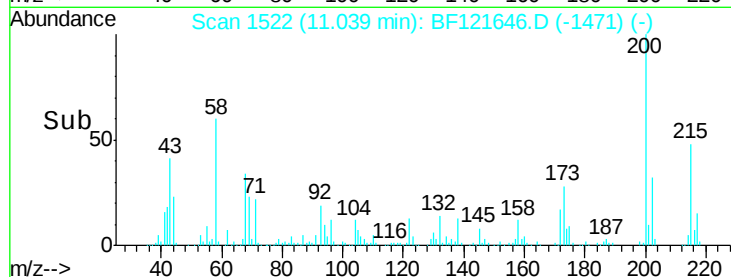
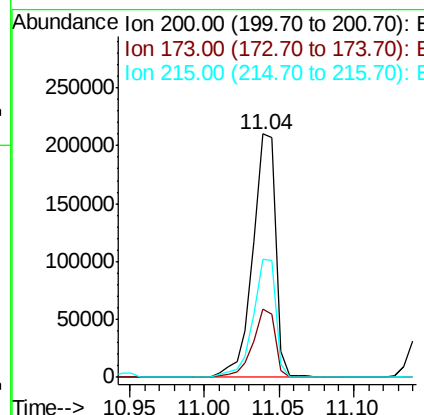
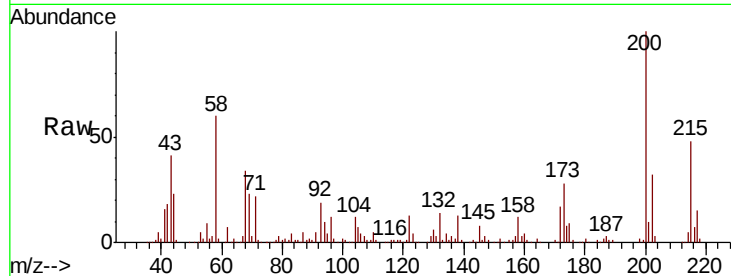
#69
Atrazine
Concen: 41.514 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Instrument :
BNA_F
ClientSampleId :
PB131763BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.2	6.0	46.0
215	48.4	28.4	68.4

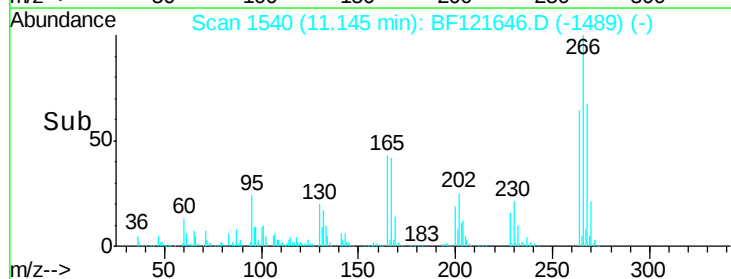
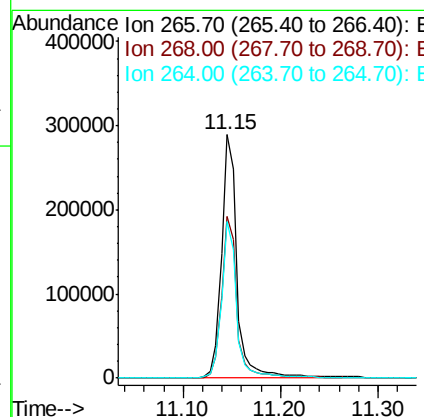
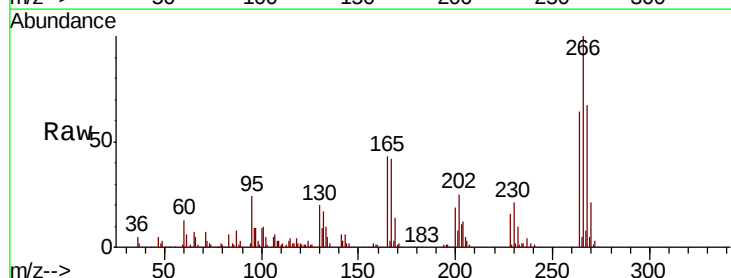
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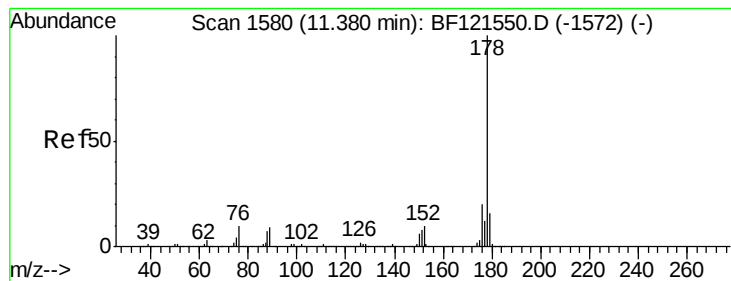
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#70
Pentachlorophenol
Concen: 72.121 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.6	54.6	81.8
264	64.2	51.1	76.7





#71

Phenanthrene

Concen: 35.618 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Instrument :

BNA_F

ClientSampleId :

PB131763BS

Tot Ion:178 Resp: 1219428

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

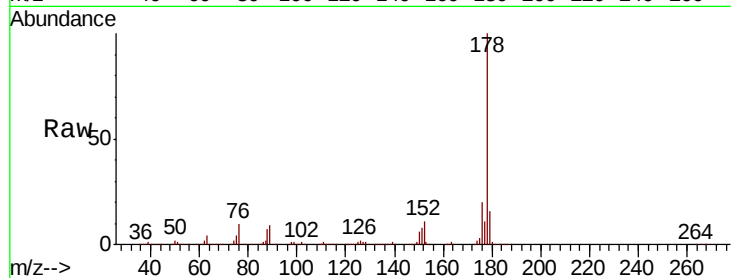
179 15.9 12.6 18.8

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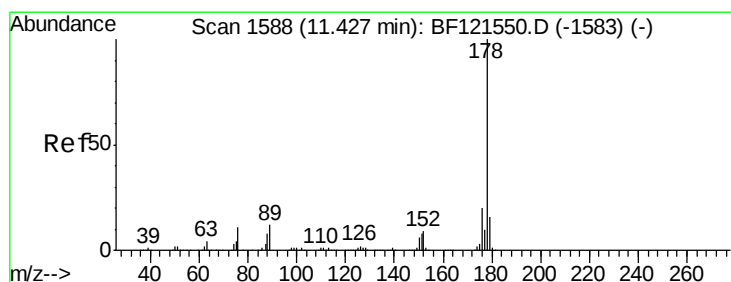
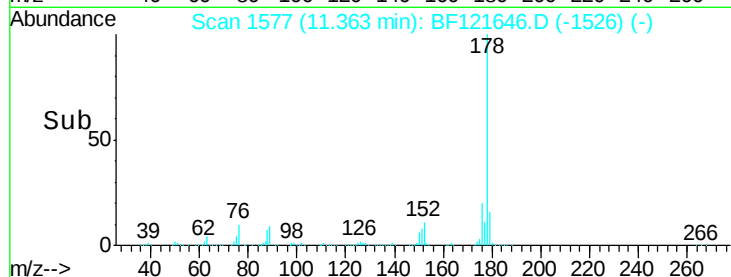
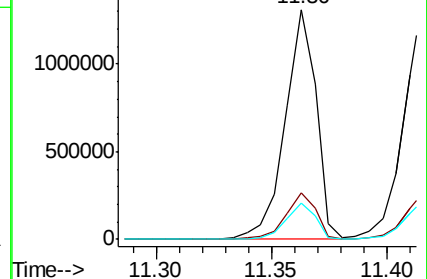
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 35.610 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Tgt Ion:178 Resp: 1258118

Ion Ratio Lower Upper

178 100

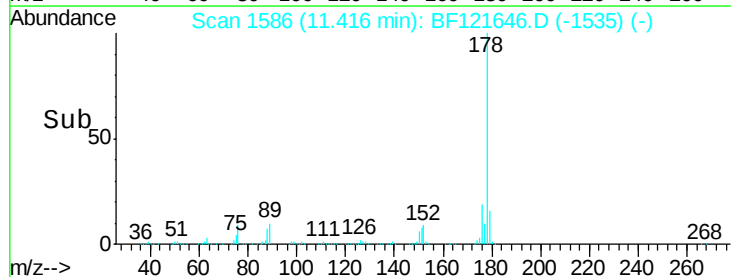
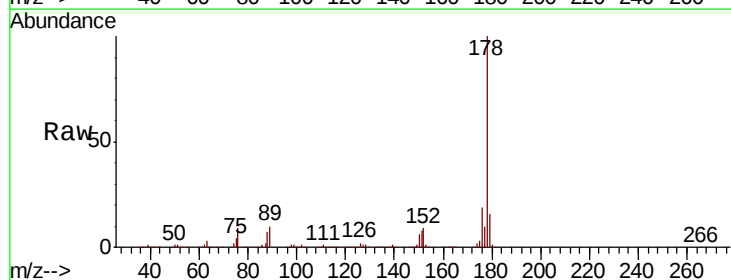
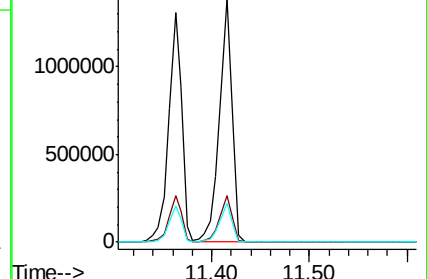
176 19.3 15.6 23.4

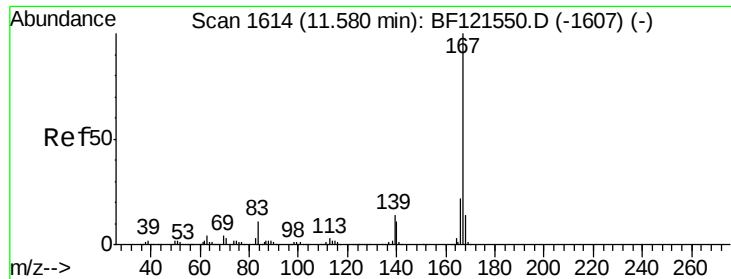
179 15.7 12.6 19.0

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





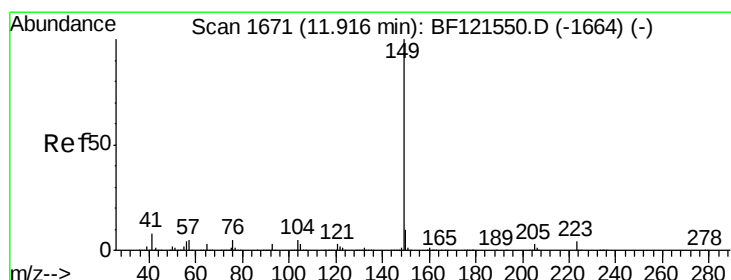
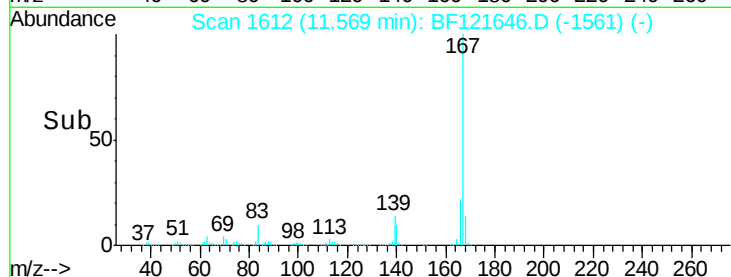
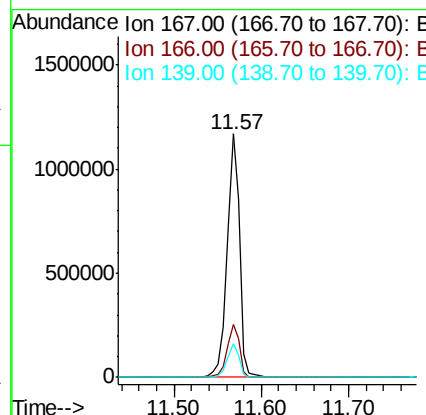
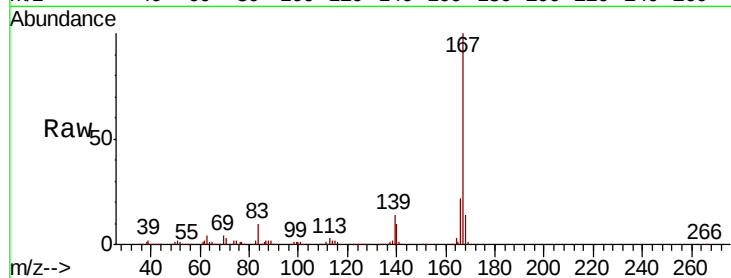
#73
 Carbazole
 Concen: 36.123 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB131763BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.8	26.6
139	13.6	10.9	16.3

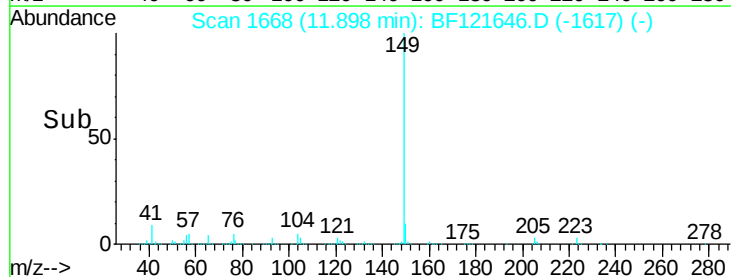
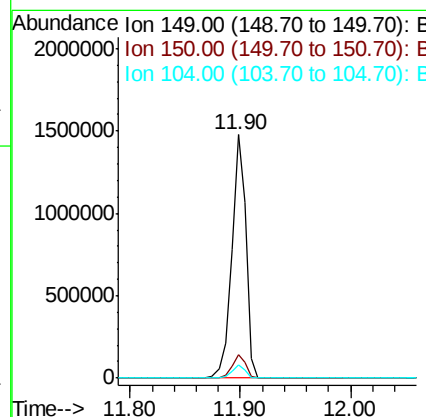
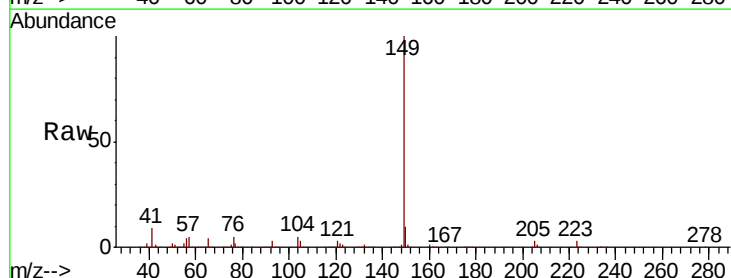
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#74
 Di-n-butylphthalate
 Concen: 35.843 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	5.3	4.2	6.2





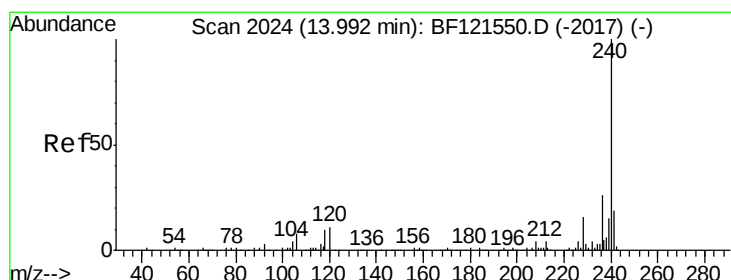
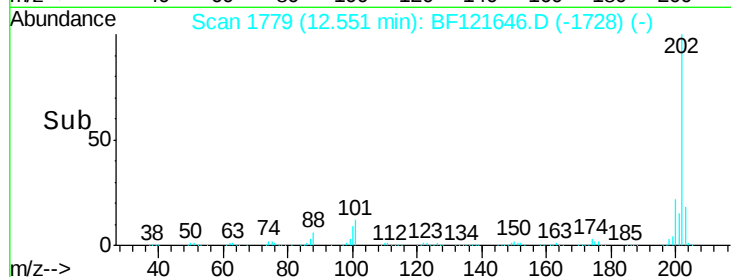
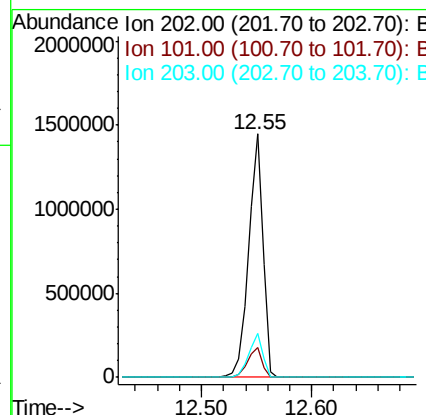
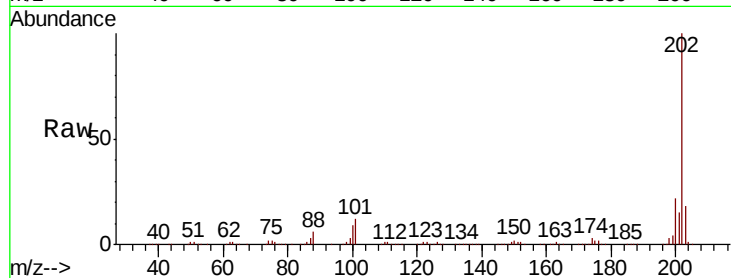
#75
Fluoranthene
Concen: 36.268 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Instrument :
BNA_F
ClientSampleId :
PB131763BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.9
203	18.1	0.0	37.8

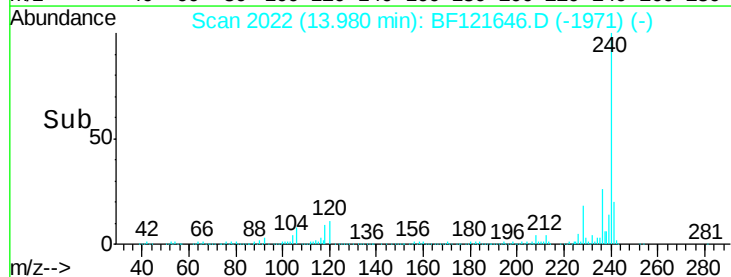
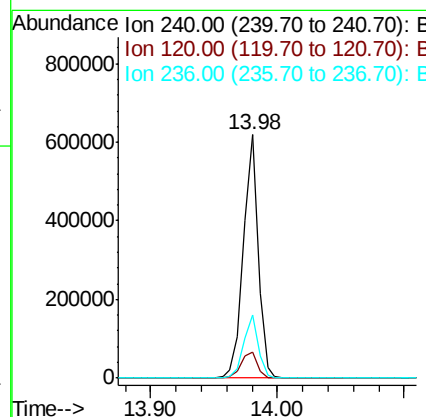
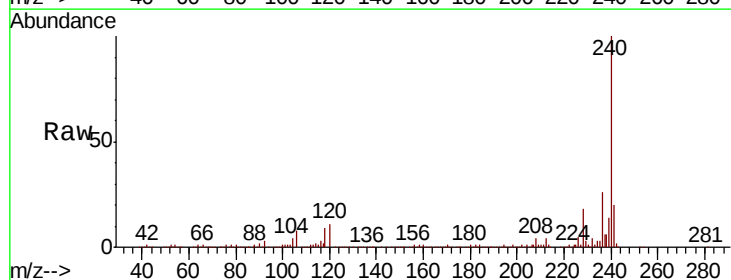
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.2	13.8
236	25.9	20.4	30.6





#77

Benzidine

Concen: 43.171 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Instrument :

BNA_F

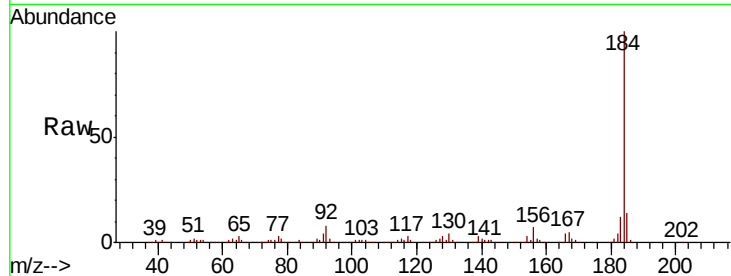
ClientSampleId :

PB131763BS

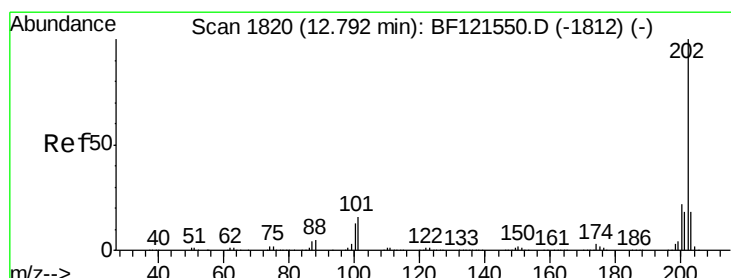
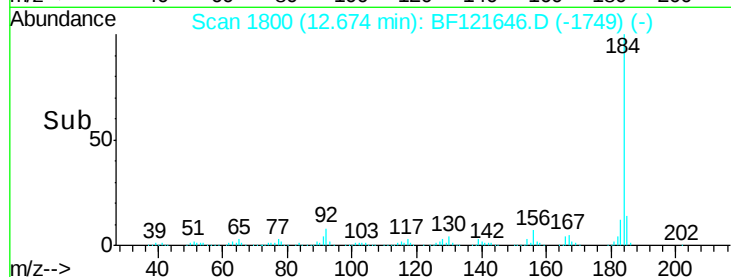
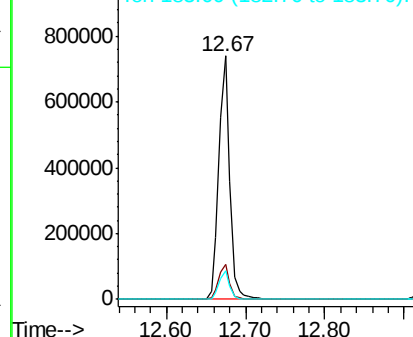
Tot Ion:	184	Resp:	710796
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.5	17.3
183	11.9	9.6	14.4

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



#78

Pyrene

Concen: 37.556 ng

RT: 12.78 min Scan# 1818

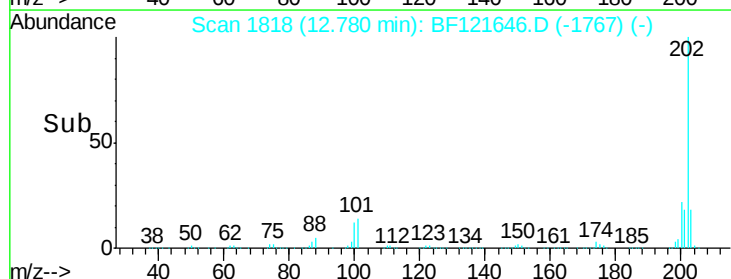
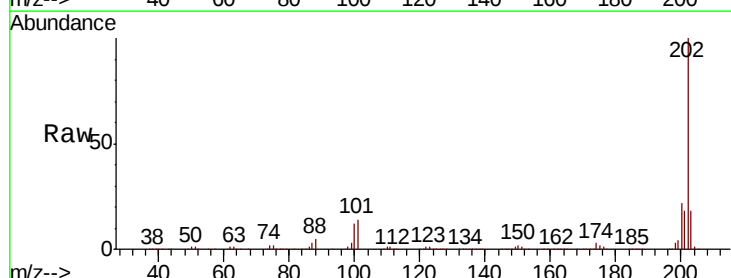
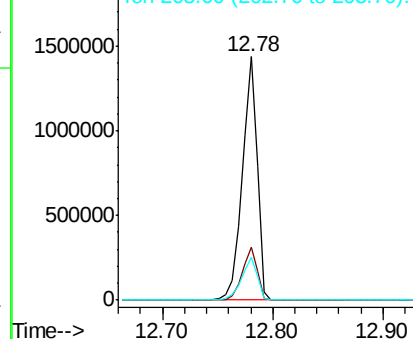
Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Tgt Ion:	202	Resp:	1362743
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.8	26.6
203	17.5	14.4	21.6

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





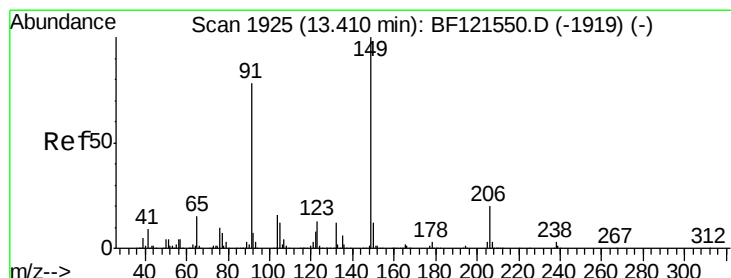
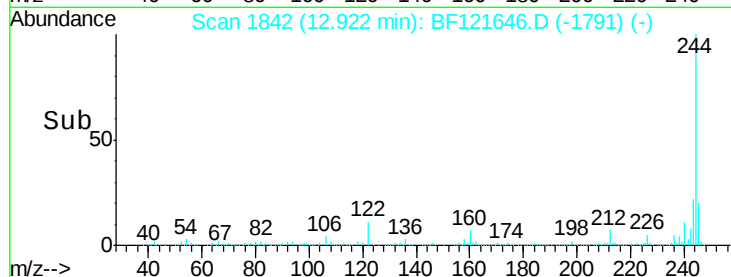
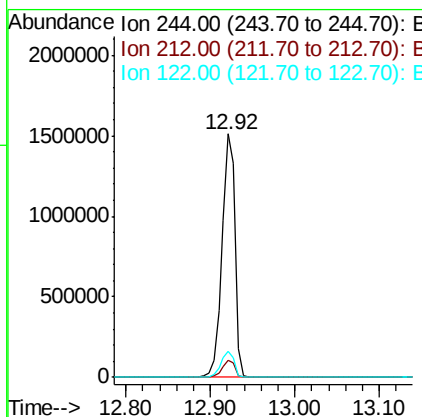
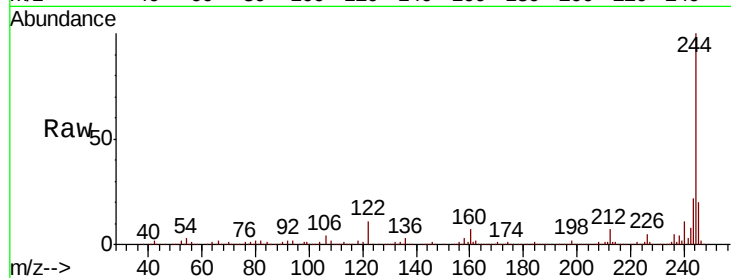
#79
 Terphenyl-d14
 Concen: 65.848 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB131763BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	10.9	7.4	11.0

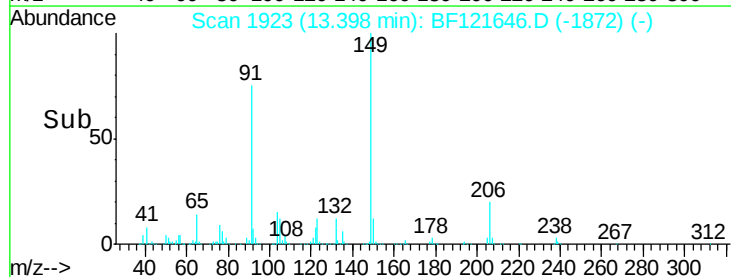
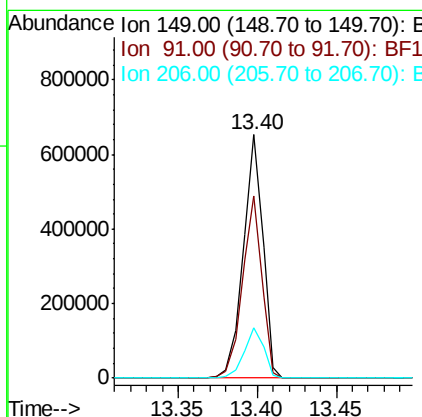
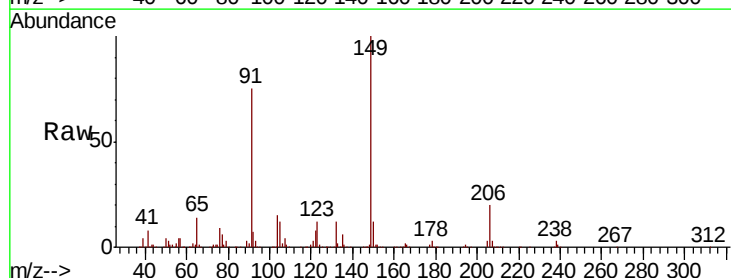
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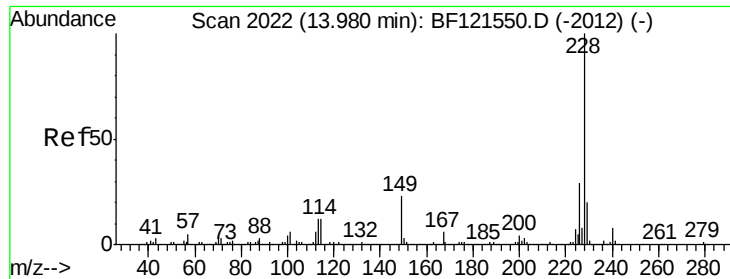
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#80
 Butylbenzylphthalate
 Concen: 37.973 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.7	61.0	91.4
206	20.5	16.6	25.0





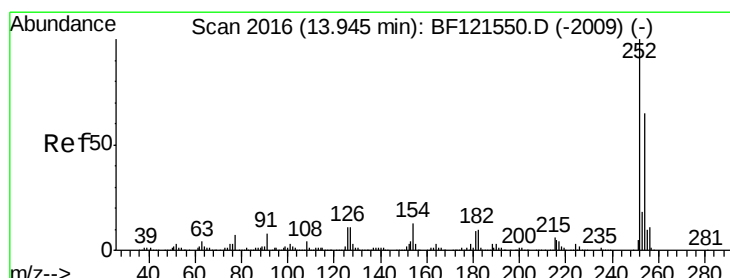
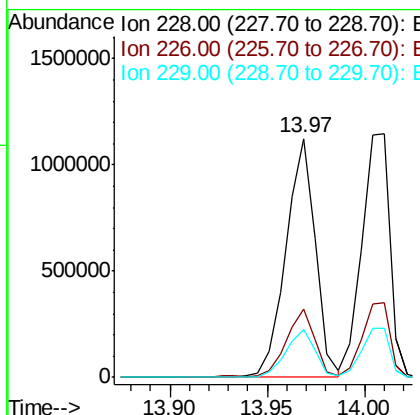
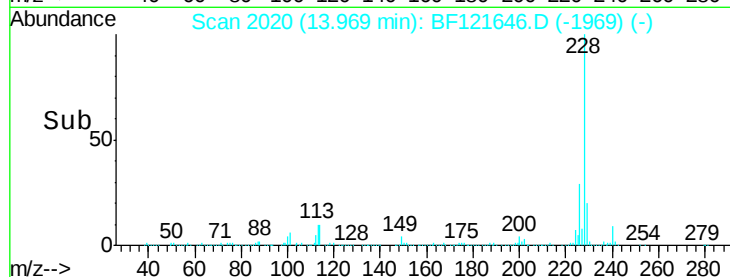
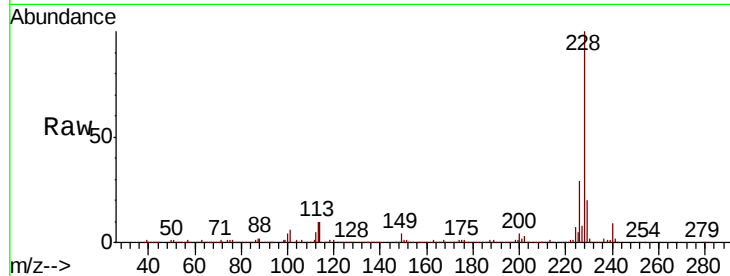
#81
Benzo(a)anthracene
Concen: 37.360 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Instrument :
BNA_F
ClientSampleId :
PB131763BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	20.0	16.2	24.2

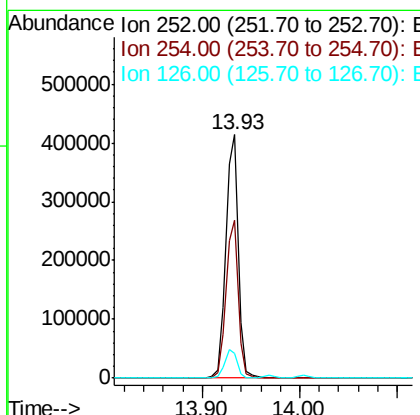
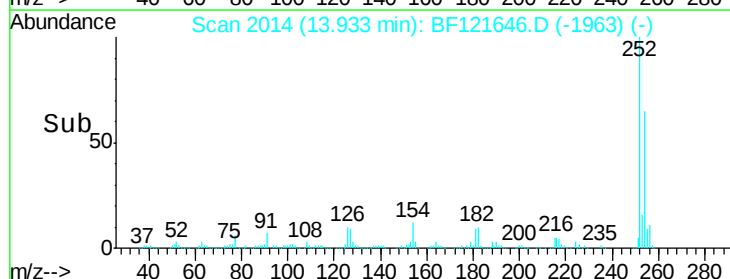
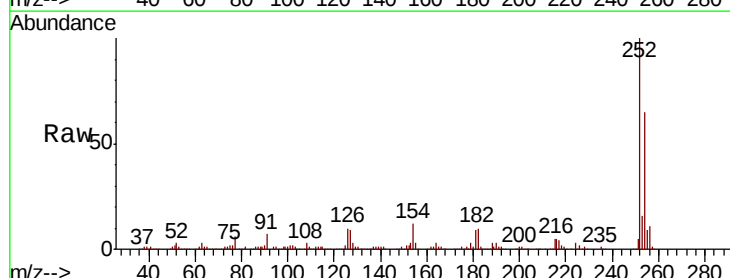
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#82
3,3'-Dichlorobenzidine
Concen: 29.837 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.0	76.4
126	10.0	8.6	13.0





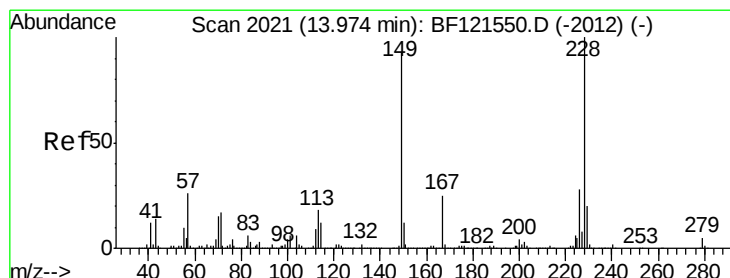
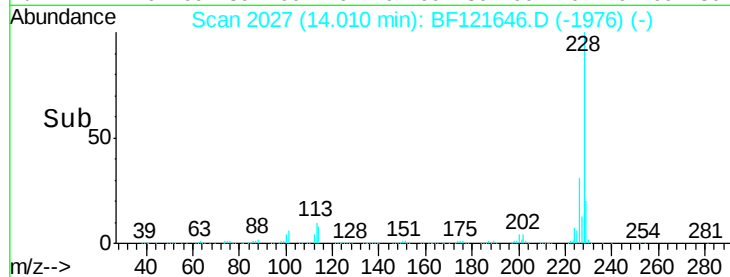
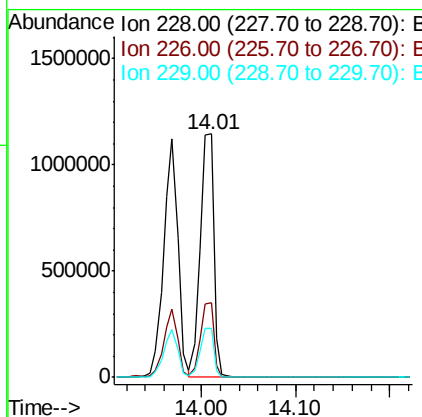
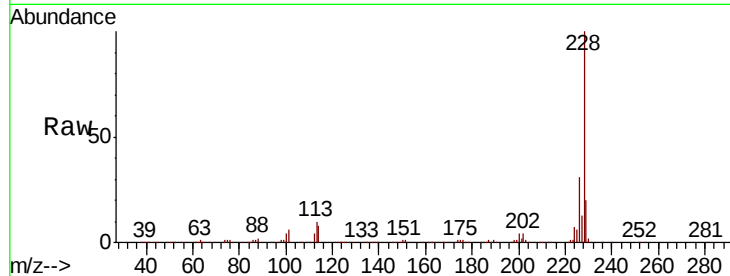
#83
 Chrvsene
 Concen: 36.128 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB131763BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.4
229	20.0	16.0	24.0

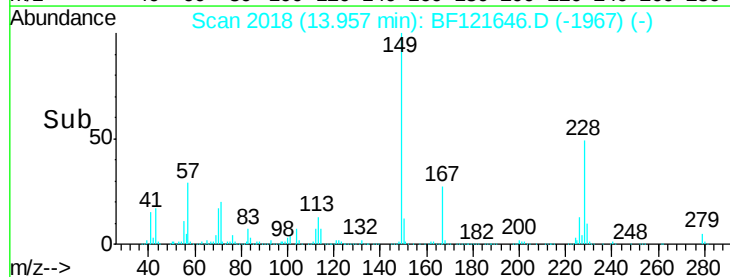
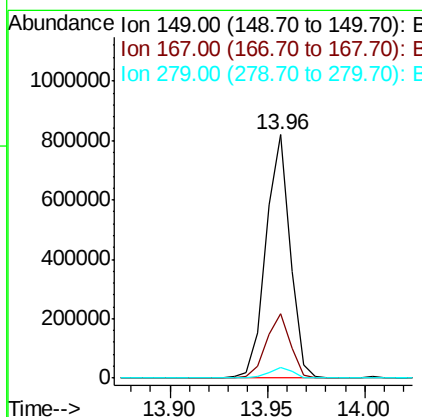
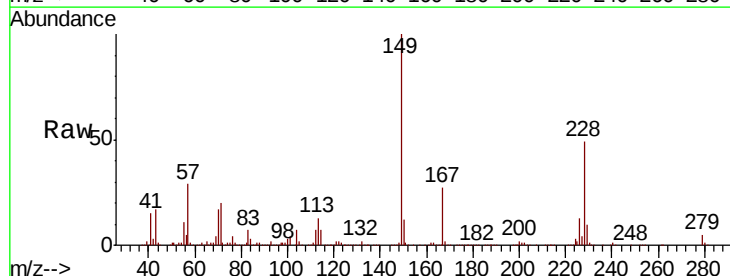
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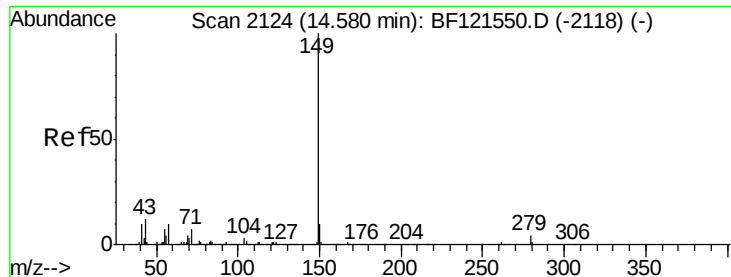
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.926 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	4.6	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 34.816 ng

RT: 14.57 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Instrument :

BNA_F

ClientSampleId :

PB131763BS

Tot Ion:149 Resp: 1204584

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

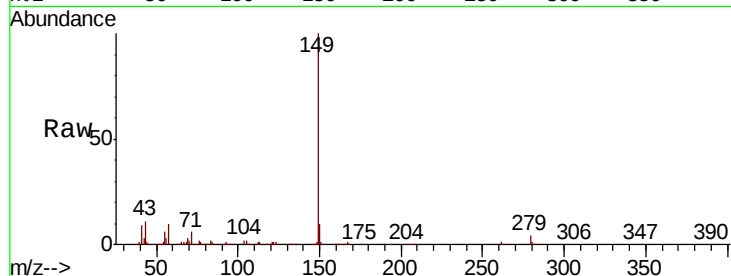
43 11.2 9.0 13.4

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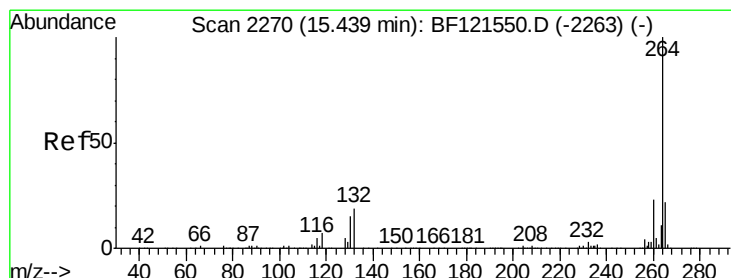
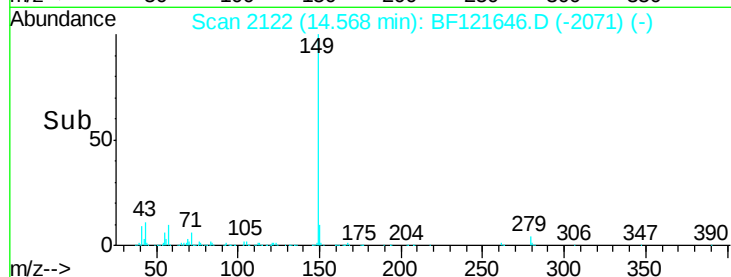
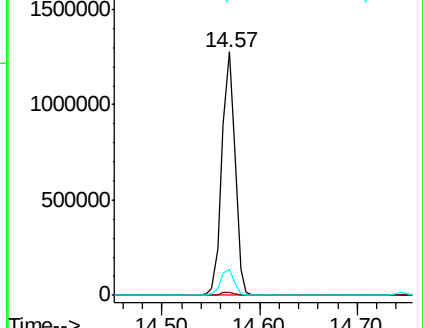
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 15.43 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

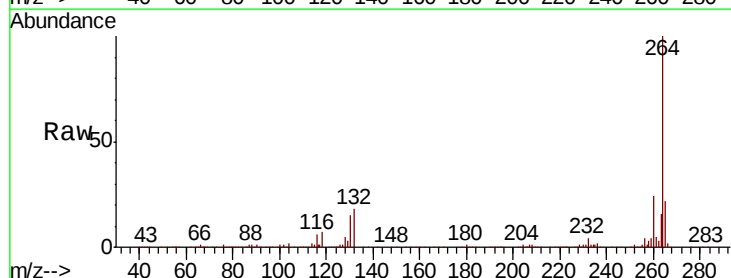
Tgt Ion:264 Resp: 406896

Ion Ratio Lower Upper

264 100

260 24.3 18.8 28.2

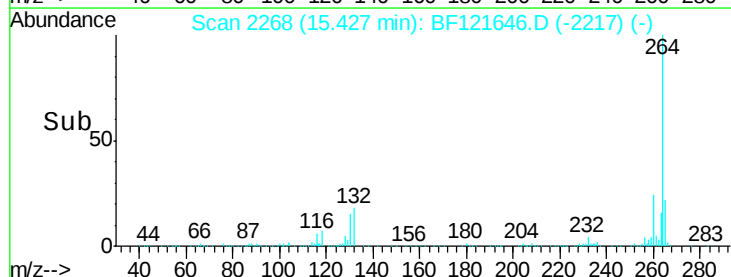
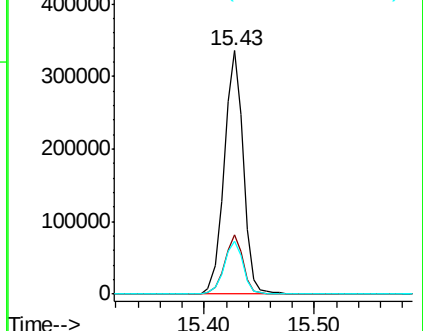
265 21.5 17.3 25.9

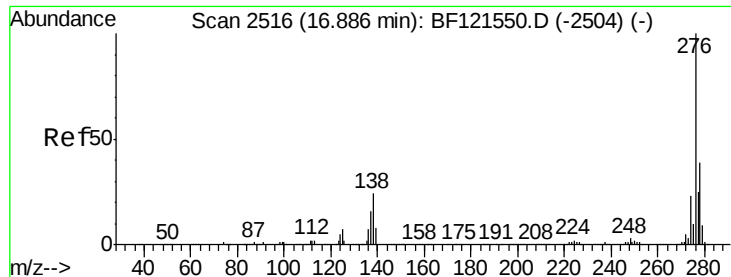


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





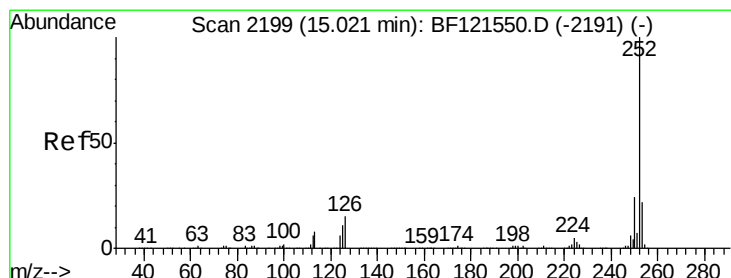
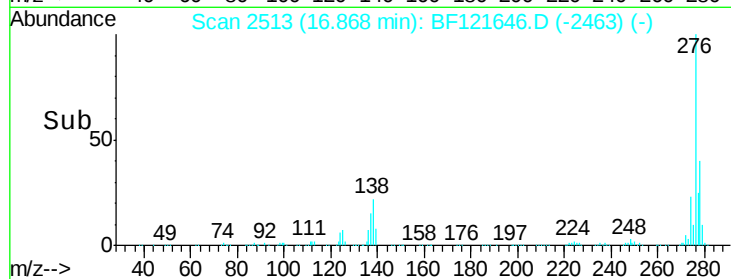
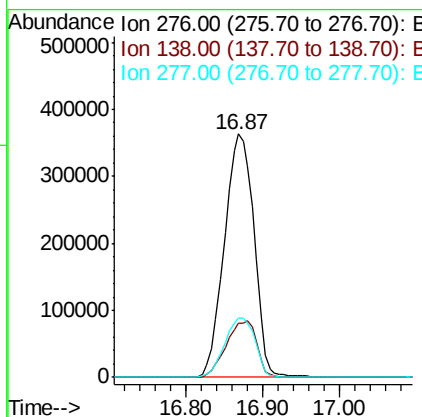
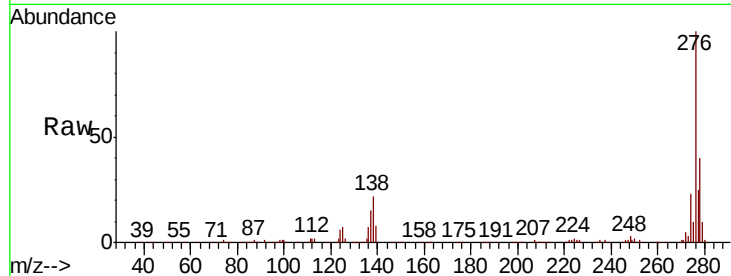
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.822 ng
 RT: 16.87 min Scan# 2513
 Delta R.T. -0.01 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Instrument :
 BNA_F
 ClientSampleID :
 PB131763BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.0	28.6
277	25.3	20.2	30.2

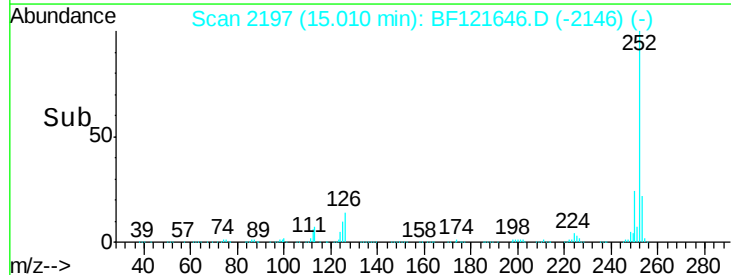
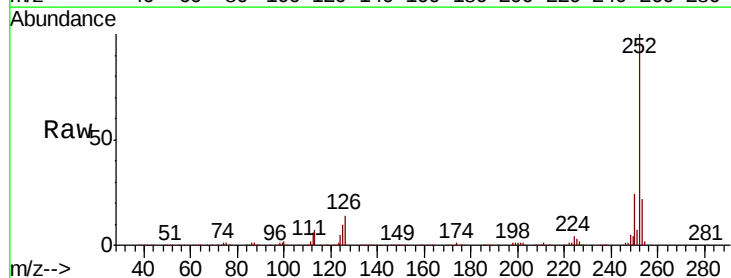
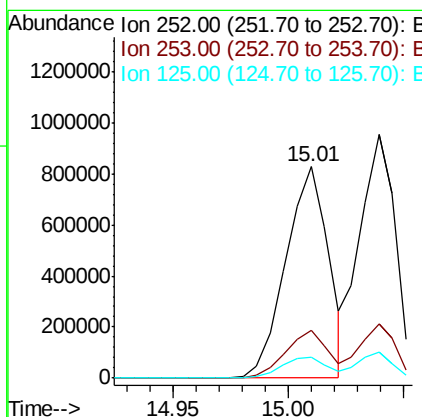
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#88
 Benzo(b)fluoranthene
 Concen: 39.075 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	10.1	8.5	12.7





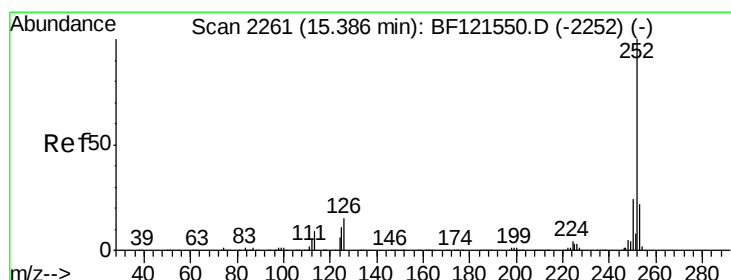
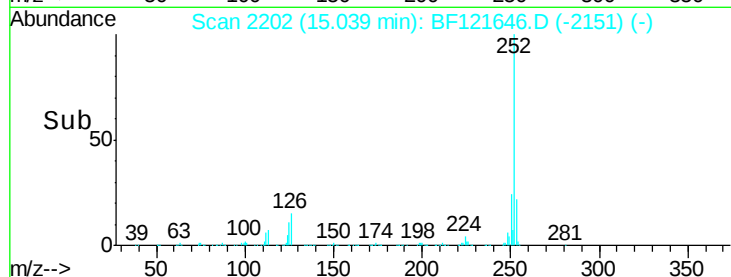
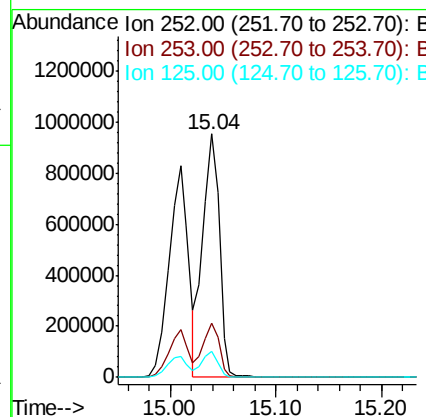
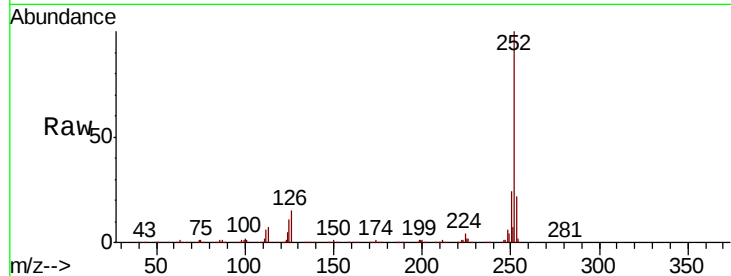
#89
Benzo(k)fluoranthene
Concen: 41.469 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Instrument :
BNA_F
ClientSampleId :
PB131763BS

Tot Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.0	17.8	26.8	
125	10.6	8.4	12.6	

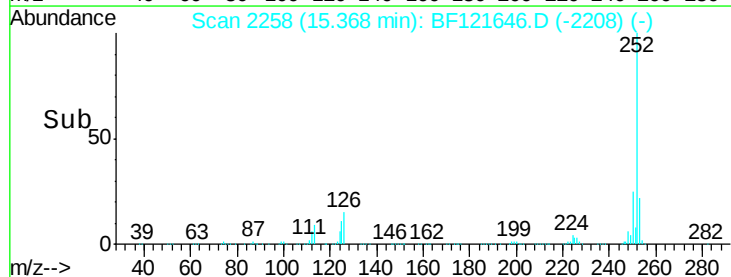
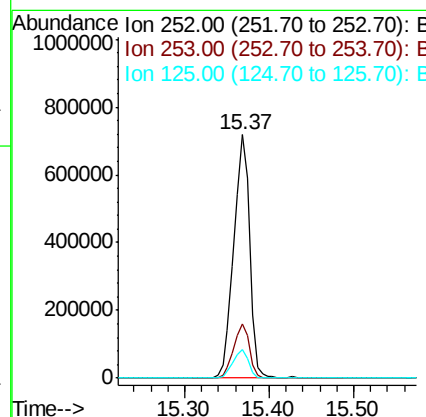
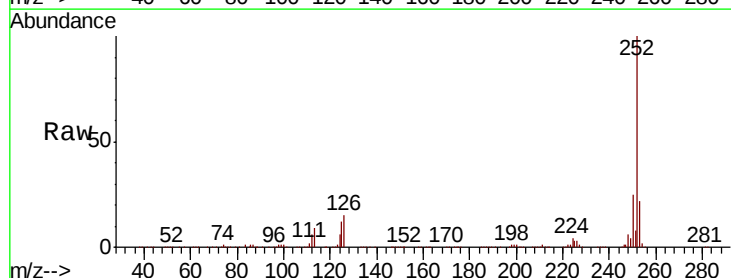
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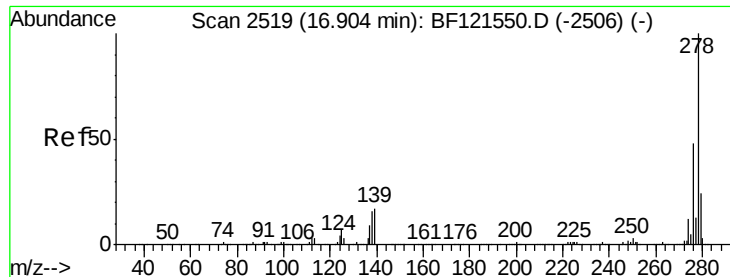
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#90
Benzo(a)pyrene
Concen: 40.154 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.1	17.4	26.2	
125	11.5	9.1	13.7	





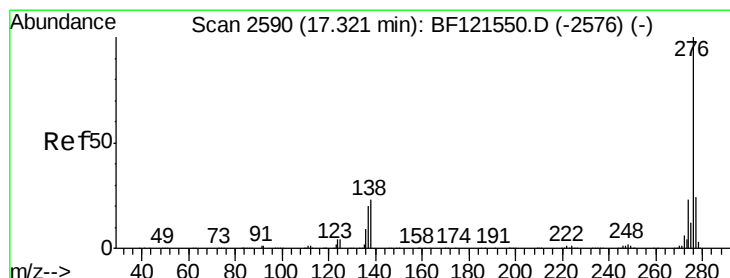
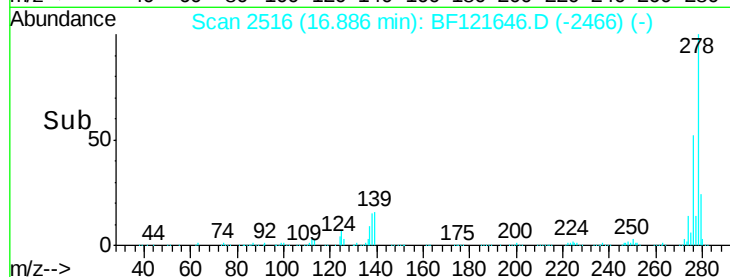
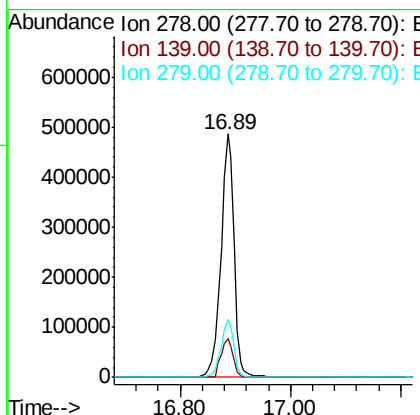
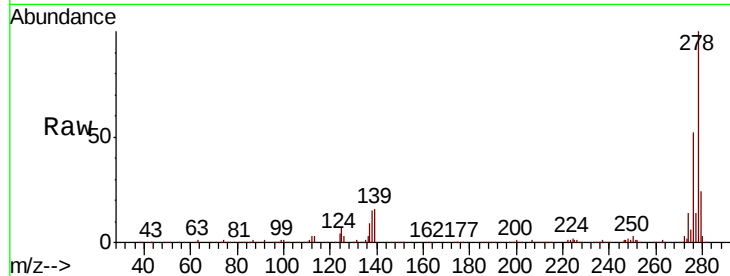
#91
Dibenzo(a,h)anthracene
Concen: 36.740 ng
RT: 16.89 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Instrument :
BNA_F
ClientSampleId :
PB131763BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.0	18.0
279	24.0	19.4	29.2

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#92
Benzo(g,h,i)perylene
Concen: 36.955 ng
RT: 17.31 min Scan# 2588
Delta R.T. -0.01 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.3	28.9
138	20.1	16.9	25.3

